

DENSO

Catalogue 2009/2010

A/C Components



Driven by
Quality



DENSO

DENSO **Hologram** Identification



Only **authentic** DENSO A/C compressors with a DENSO EU **Hologram** sticker guarantees the well known and outstanding DENSO **Quality**.

For more information see page 7.

GB

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DENSO Company Profile

DENSO Corporation is a leading global supplier of advanced technology, systems and components for the automotive industry. Founded in 1949 and with our headquarters in Japan we have 143 production facilities in 32 countries. As one of the largest Original Equipment manufacturers we are proud to include all of the world's major carmakers as our customers. We have also harnessed this exceptional OE expertise to bring a variety of fast-moving, quality programmes to many automotive aftermarkets around the world. Continual high-level investment in R&D programmes ensure we continue to pioneer new technologies, products and performance for the benefit of our OE and aftermarket customers.

Our wide range of global OE products includes:

- Air Conditioners and Heaters for cars, commercial vehicles and trains
- Electrical Automotive and Electronic Control products
- Fuel Management products
- Radiators
- Meters
- Filters
- Telecommunications
- Other non-automotive products

For more information visit www.globaldenso.com

DENSO Europe BV, based in the Netherlands, was established in 1973 in order to directly meet the needs of our European customers. As well as managing European strategy DENSO Europe BV handles all Sales, Servicing and Logistics activities in our European Aftermarkets, with **DENSO Aftermarket** Sales Offices now located in a number of countries.

DENSO's Aftermarket programmes in Europe are individual to each country, but include:

- A/C and Engine Cooling Components
- Spark Plugs (including Standard, Platinum, Platinum Long Life, Iridium, Iridium Power and Iridium Tough)
- Glow Plugs
- Starters and Alternators
- Diesel products
- Wiper Blades
- Lambda Sensors

DENSO is the global Market Leader in A/C Systems. For your convenience DENSO Europe BV has issued this new catalogue dedicated to the A/C Components.

For more information visit www.denso-europe.com



D

DENSO Firmenprofil

DENSO Corporation ist ein weltweit führender Lieferant von Spitzentechnologien, Systemen und Komponenten für die Automobilindustrie. Gegründet im Jahr 1949 mit Hauptsitz in Japan, verfügt DENSO über 143 Produktionsstätten in 32 Ländern. Als einer der größten Hersteller von Originalteilen (OE) ist man stolz, die weltweit größten Automobilhersteller zu seinen Kunden zählen zu dürfen. Diese außergewöhnliche OE-Erfahrung nutzt DENSO, um eine Auswahl von gängigen Qualitätsprogrammen in den Aftermarket auf der ganzen Welt zu liefern. Kontinuierliche und hohe Investitionen in Forschungs- und Entwicklungsprogramme stellen sicher, dass auch weiterhin neue Technologien, Produkte und Leistungen entwickelt werden, von denen sowohl die OE- als auch die Aftermarket-Kunden profitieren.

Die große Auswahl an weltweiten OE-Produkten beinhaltet:

- Klimaanlage und Heizungen für PKW, Nutz- und Schienenfahrzeuge
- Elektrische und elektronische Fahrzeugkomponenten
- Produkte für das Kraftstoffmanagement
- Kühler
- Messgeräte
- Filter
- Telekommunikation
- Weitere, nicht fahrzeugbezogene Produkte

Weitere Informationen finden Sie auf der Internetseite www.globaldenso.com

DENSO Europe BV mit Sitz in den Niederlanden, wurde 1973 mit dem Ziel gegründet, direkt auf die Bedürfnisse der europäischen Kunden eingehen zu können. Neben der Verwaltung der Europastrategie betreut DENSO Europe BV alle Verkaufs-, Service- und Logistikaktivitäten für den europäischen Aftermarket. Weiterhin ist DENSO in vielen europäischen Ländern mit sogenannten **Aftermarket** Sales Offices vertreten.

Das DENSO Aftermarket-Produktprogramm wird in Europa länderspezifisch vertrieben, das komplette Aftermarketprogramm beinhaltet:

- Klimaanlage- und Motorkühlungsteile
- Zündkerzen (einschließlich Standard, Platinum, Platinum Long Life, Iridium, Iridium Power und Iridium Tough)
- Glühkerzen
- Anlasser und Lichtmaschinen
- Dieselprodukte
- Wischblätter
- Lambdasonden

DENSO ist weltweiter Marktführer im Bereich Klimaanlagen. DENSO Europe BV hat diesen neuen Katalog für Sie herausgebracht, der den Komponenten von Klimaanlagen gewidmet ist.

Weitere Informationen finden Sie auf der Internetseite www.denso-europe.com

F

DENSO Profil de la société

DENSO Corporation est un important fournisseur mondial dans les domaines de technologies avancées et de composants pour l'industrie automobile. Fondée en 1949 le siège est basé au Japon, la société possède 143 unités de production dans 32 pays. Etant l'un des plus grands équipementiers, nous sommes fiers de compter parmi nos clients les principaux fabricants d'automobiles du monde. Nous avons également concentré nos efforts auprès des constructeurs pour leurs apporter une variété de produits. Un programme de qualité pour la pièce de rechange a été mis en place dans le monde. Des investissements très importants dans des programmes R&D nous permettent de continuer à innover dans des nouvelles technologies, dans des produits performants au profit des constructeurs automobiles et de la pièces de rechange.

Notre vaste gamme de produits d'équipement d'origine comprend :

- Air conditionné et chauffages pour voitures, véhicules utilitaires et trains
- Produits électriques automobiles et de commande électronique
- Systèmes de gestion du carburant (essence et Diesel)
- Radiateurs
- Compteurs
- Filtres
- Télécommunications
- Autres produits non automobiles

Pour de plus amples informations, visitez notre site www.globaldenso.com

DENSO Europe BV, à été fondée en 1973 aux Pays-bas de façon à répondre directement aux besoins de nos clients européens. En plus de gérer la stratégie européenne, DENSO Europe BV assure toutes les activités commerciales, logistiques et après- vente en Europe, Des bureaux **DENSO Aftermarket** sont maintenant présents dans divers pays.

Les programmes de pièces de rechange DENSO en Europe sont particuliers à chaque pays mais comprennent :

- Composants de Climatisation et de Refroidissement Moteur
- Bougies d'allumage (y compris Standard, Platinum, Platinum Long Life, Iridium, Iridium Power et Iridium Tough)
- Bougies de préchauffage
- Démarreurs et alternateurs
- Produits diesel
- Balais d'essuie-glace
- Sondes lambda

DENSO est le numéro un mondial du marché des systèmes de climatisation. Pour mieux vous servir, DENSO Europe B.V. publie ce nouveau catalogue consacré aux pièces des systèmes de climatisation.

Pour de plus amples informations, visitez notre site www.denso-europe.com

DENSO**E****DENSO Perfil de la empresa**

DENSO Corporation es un destacado proveedor de tecnología avanzada, sistemas y componentes para la industria automovilística a nivel global. Fundada en 1949 y con su sede central en Japón, nuestra empresa tiene 143 instalaciones de producción en 32 países. Somos uno de los mayores productores de Equipos Originales y nos enorgullece tener como clientes a todos los principales fabricantes de vehículos del mundo. Hemos aprovechado esta excepcional experiencia en el campo de los Equipos Originales para implementar un gran número de dinámicos programas de calidad a muchos mercados de recambios automovilísticos en todo el mundo. Gracias a las continuas inversiones de alto nivel en programas I+D, seguimos estando a la cabeza en nuevas tecnologías, productos y rendimientos, en beneficio de nuestros clientes de Equipos Originales y recambios.

A nivel global, nuestra amplia gama de Equipos Originales incluye:

- Sistemas de aire acondicionado y calefacción para coches, vehículos comerciales y trenes.
- Productos y componentes eléctrico y electrónicos para el automóvil
- Productos para la gestión del combustible
- Radiadores
- Panel de instrumento
- Filtros
- Telecomunicaciones
- Otros productos no automovilísticos

Para más información visite www.globaldenso.com

DENSO Europe BV, con base en Holanda, fue constituida en 1973 con el fin de dar una respuesta directa a las necesidades de nuestros clientes europeos. DENSO Europe BV gestiona la estrategia europea, así como todas las actividades de venta, mantenimiento y logística en nuestros mercados de recambios europeos, y cuenta con oficinas de venta **DENSO Aftermarket** en varios países.

Los programas para el mercado de recambios de DENSO en Europa son individualizados para cada país, pero incluyen:

- A/C y componentes de refrigeración del motor
- Bujías de encendido (incluyendo las Standard, Platinum, Platinum Long Life, Iridium, Iridium Power e Iridium Tough)
- Bujías de calentamiento
- Motores de arranque y alternadores
- Bomba inyección para motor diesel
- Limpiaparabrisas
- Sensores lambda

DENSO es el líder del mercado mundial de sistemas A/C. Para su comodidad, DENSO Europe BV ha publicado un nuevo catálogo de los componentes A/C.

Para más información visite www.denso-europe.com

**I****DENSO Profilo Aziendale**

DENSO Corporation è uno dei maggiori fornitori mondiali di tecnologie avanzate, sistemi e componenti per l'industria automobilistica. Fondata nel 1949, il quartier generale di Denso si trova in Giappone. Denso Corporation conta nel mondo ben 143 unità produttive dislocate in 32 paesi diversi. Come uno dei maggiori produttori di ricambi originali OEM, Denso è particolarmente orgogliosa di annoverare tra i propri clienti tutte le principali case automobilistiche del mondo. La sua eccezionale esperienza nel settore dei ricambi originali ha permesso a Denso di offrire una vasta gamma di prodotti di qualità e ad alta rotazione agli operatori dell'aftermarket automobilistico di molte nazioni in tutto il mondo. I continui e congrui investimenti nei programmi di R&S e nella qualità, garantiscono la volontà e la capacità di essere appripista nelle nuove tecnologie, nei prodotti, nelle prestazioni e nei servizi a vantaggio dei nostri clienti siano essi costruttori di veicoli o rivenditori di ricambi.

La nostra vasta gamma di prodotti globali nel settore dei ricambi originali comprende:

- Condizionatori e riscaldatori per auto, veicoli commerciali e treni
- Componenti elettrici ed elettronici di controllo per il settore automobilistico
- Sistemi di alimentazione del carburante
- Radiatori e Termico Motore
- Contattori
- Filtri
- Telecomunicazioni
- Altri prodotti non-automobilistici

Per ulteriori informazioni visitate www.globaldenso.com

DENSO Europe BV, con sede nei Paesi Bassi, è stata fondata nel 1973 per soddisfare direttamente i fabbisogni dei nostri Clienti europei. Oltre a gestire la strategia europea, DENSO Europe BV si occupa di tutte le attività di Vendita, Assistenza e Logistica per i Clienti europei di ricambi, operando adesso con le Sedi Commerciali **DENSO Aftermarket** dislocate in un certo numero di paesi.

I programmi Aftermarket di DENSO in Europa sono specifici per ogni paese, ma comprendono comunque:

- Componenti climatizzazione e termico motore
- Candele di accensione (comprese le tipologie Standard, Platinum, Platinum Long Life, Iridium, Iridium Power e Iridium Tough)
- Candelette di preriscaldamento
- Motorini d'avviamento e Alternatori
- Prodotti diesel
- Spazzole per tergicristallo
- Sonde lambda

DENSO è il leader mondiale del mercato nel settore degli impianti A/C. Per agevolare la consultazione, DENSO Europe BV ha pubblicato questo nuovo catalogo dedicato alla componentistica A/C.

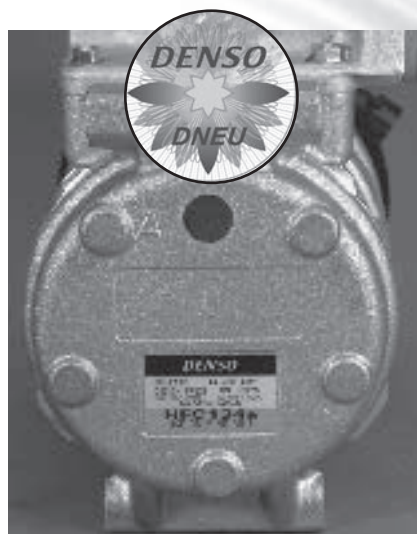
Per ulteriori informazioni visitate il sito www.denso-europe.com

GB
NEW: 'Hologram' identification for genuine DENSO Compressors

DENSO Europe B.V. can only guarantee DENSO Quality, Service and Warranties for those DENSO Compressors sold via our official channel in Europe. To help you easily identify these genuine, original parts DENSO Aftermarket has a hologram identification scheme for our range of after-market A/C Compressors.

What to look for

All DENSO Compressor units feature a small, circular hologram sticker. The hologram stickers are typically located on the back cover of the Compressor body. This identifies the component as an authentic DENSO product, purchased from the official DENSO Europe distribution channel, and conforming to our stringent technical and manufacturing standards.


D
NEU: "Hologrammidentifikation" für DENSO-Originalkompressoren

DENSO Europe B.V. kann nur DENSO-Qualität, -Service und -Gewährleistung für die DENSO-Kompressoren garantieren, die über unsere offiziellen Kanäle in Europa verkauft wurden. Damit Sie diese Originalteile ganz einfach identifizieren können, hat DENSO Aftermarket ein Hologrammidentifizierungsschema für Ihr Sortiment an Klimaanlagekompressoren für den Anschlussmarkt.

Worauf Sie achten müssen

Alle DENSO-Kompressoren haben einen kleinen runden Hologrammaufkleber. Der Hologrammaufkleber befindet sich normalerweise auf der Rückseite des Kompressorgehäuses.

Dadurch wird die Komponente als ein authentisches DENSO-Produkt identifiziert, das über den offiziellen DENSO-Europe Verkaufskanal bezogen wurde und unseren strengen Technik- und Produktionsstandards entspricht.

F
Nouveau ! Identification par hologramme des compresseurs DENSO

DENSO Europe B.V. garantit la qualité, le service et les conditions de garantie DENSO uniquement pour les compresseurs DENSO vendus via notre canal de distribution officiel en Europe. Pour vous aider à identifier facilement ces pièces originales authentiques, DENSO Aftermarket possède un système d'identification par hologramme pour sa gamme de compresseurs de climatisation de deuxième monte.

Que devez-vous rechercher

Tous les compresseurs DENSO sont munis d'un petit hologramme autocollant rond. Les hologrammes autocollants se trouvent sur le couvercle arrière de corps du compresseur.

Cet hologramme certifie que la pièce est un produit DENSO, acheté via le canal de distribution européen officiel de DENSO et conforme aux normes techniques et industrielles strictes de DENSO.

E
NOVEDAD: "Holograma" de identificación para los auténticos compresores DENSO

DENSO Europe B.V. sólo puede garantizar la calidad, el servicio y la garantía DENSO para aquellos compresores DENSO que se hayan vendido a través de nuestro canal oficial en Europa. Para ayudarle a identificar fácilmente estos componentes auténticos y originales, el servicio de recambios de DENSO ha introducido un nuevo sistema de identificación por hologramas para nuestra gama de compresores A/C de recambio.

Dónde encontrar la identificación

En todas las unidades de compresores DENSO figurará un pequeño holograma de adhesivo circular. Los nuevos hologramas adhesivos estarán ubicados en la cubierta posterior del cuerpo del compresor.

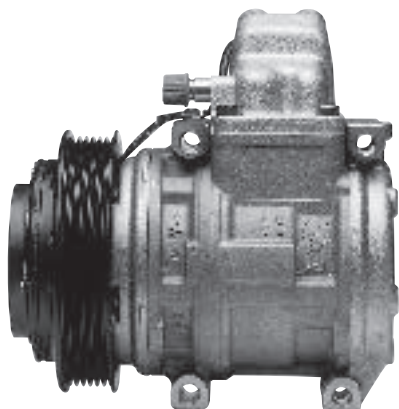
Éstos servirán para identificar el componente como un auténtico producto DENSO, adquirido a través del canal oficial de distribución DENSO Europa y conforme a nuestras estrictas normas técnicas y de fabricación.

I
NOVITÀ: Identificazione dei compressori DENSO originali grazie ad un "ologramma"

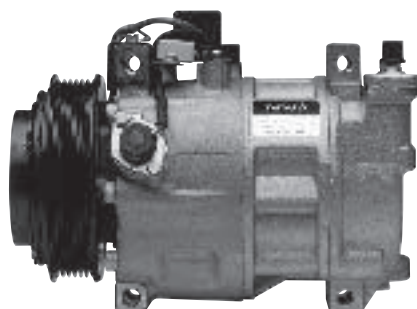
DENSO Europe B.V. può assicurare la qualità, l'assistenza e le garanzie DENSO solo nel caso di compressori DENSO acquistati attraverso il canale ufficiale di vendita in Europa. Per aiutarvi a identificare più facilmente questi componenti originali da quelli contraffatti, per la gamma di compressori AC/ per l'aftermarket DENSO ha ideato uno schema di identificazione con ologrammi adesivi.

Che cosa cercare

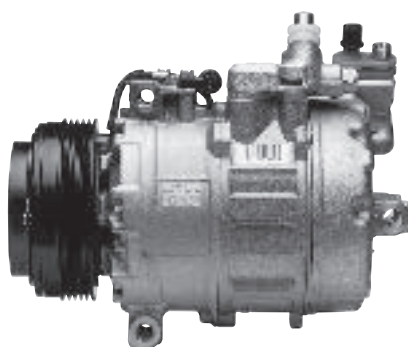
Tutti i compressori DENSO sono contrassegnati da un piccolo ologramma adesivo circolare. Gli ologrammi adesivi sono generalmente situati sul coperchio posteriore del corpo del compressore. Questo autoadesivo identifica il componente come un prodotto DENSO autentico, acquistato tramite il canale di distribuzione ufficiale di DENSO Europe e conforme alle rigorose specifiche tecniche e di fabbricazione DENSO.



10P/10PA/10S



6CA



7SB

GB

Description 10P Compressor

- A 10 cylinder Swash Plate type compressor with fixed displacement, well known for lack of noise and pulsation.
- Double acting piston operating in two cylinders at front and rear side.
- Depending on compressor type, displacement between 155 and 177 cm³.
- Compressor weight, without magnetic clutch, between 3.5 and 4.5 kg.
- Compressor weight, with magnetic clutch, between 5.6 and 6.6 kg.
- Compressor oil; CFC12 → ND6
HFC134a → ND8

Description 10PA Compressor

- The 10PA compressor is an improved version of the 10P type.
- Displacement, depending on compressor type, between 155 and 207 cm³.
- Main differences between 10P and 10PA:
 - More compact.
 - Reduced weight.
 - Improved shaft seal, reducing leakage.
 - Improved interior cooling.
 - Noise reduction by using internal muffler.

Description 10S Compressor

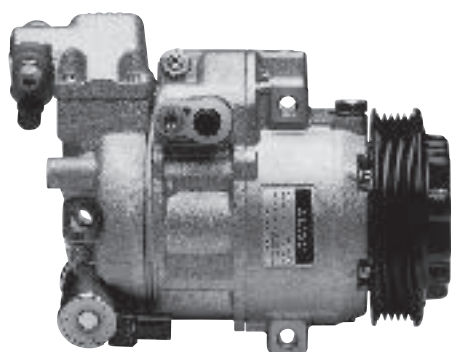
- The 10S compressor is an improved version of the 10PA type.
- Main differences are size and weight reduction.
- Service valve is no longer used; Hoses connect directly to the compressor body.

Description 6CA Compressor

- A single side operating Wobble plate type Compressor.
- 6 Pistons and variable displacement.
- 100 % displacement is 170 cc.
- The advantages with 10PA type are:
 - Reduction of fuel consumption due to variable displacement.
 - Reduction on / off shock.

Description 7SB(U) Compressor

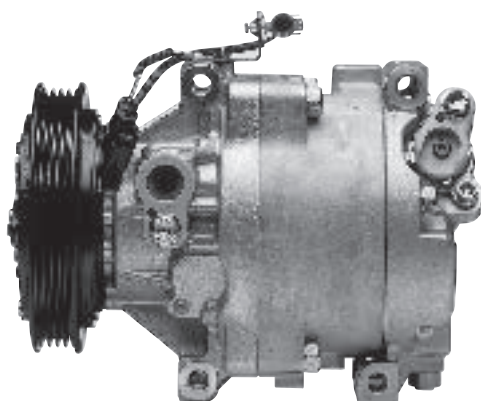
- Single side operating Swash Plate type compressor.
- 7 pistons, variable displacement between 3 and 100%
- Min displacement 5cm³, max displacement 161 cm³.
- Main differences between 7SB(U) and 10PA:
 - Weight reduction by using hollow pistons.
 - Noise reduction due to mufflers on HP and LP side.
 - Reduced fuel consumption due to variable displacement.
 - Reduced on / off shock.



7SE / 6SE / 5SE / 5SL

Description SE / SL Compressor

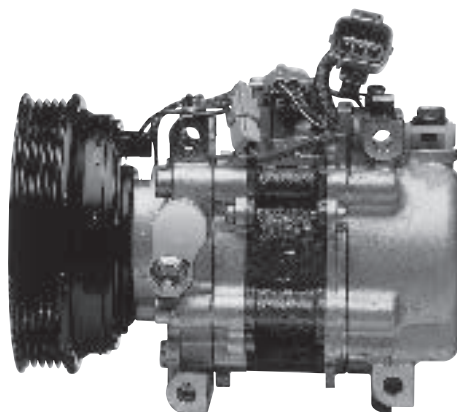
- Single side operating Swash Plate compressor.
- 5, 6 or 7 pistons, depending on model.
- Displacement between 2% and 100%.
- No magnetic clutch, compressor is continuously driven.
- Displacement, depending on compressor type, between 120 and 170cm³.
- Main difference between SE and 7SB(U):
 - Weight reduction due to eliminated clutch stator and coil.



SC

Description Scroll (SC) Compressor

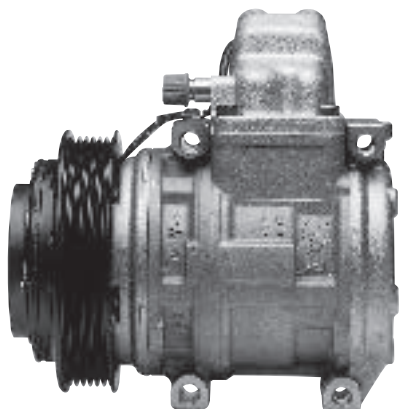
- A rotating type Compressor.
- Compressor chamber consists of a pair of spiral-shaped scrolls; one fixed and one rotating.
- Two different displacements ; 60 cc or 80 cc.
- The advantages of the scroll type Compressor are:
 - Compact, low weight & high performance.



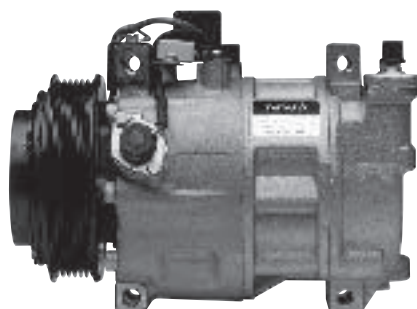
TV

Description Through Vane (TV) Compressor

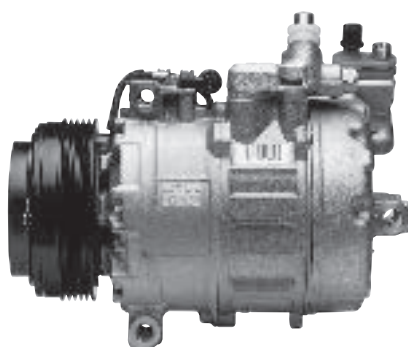
- A rotating type Compressor.
- Compressor chamber consists of a rotor with two vanes sliding through the rotor.
- Two different displacements ; 120 or 140 cc.
- Compressor oil ; ND 9.



10P/10PA/10S



6CA



7SB

D

Beschreibung: 10P Kompressor

- Ein 10-Zylinder Taumelscheibenkompressor mit festem Fördervolumen, bekannt für seine Laufruhe und Schwingungsarmut.
- Doppelseitig wirkender, in zwei Zylindern vorne und hinten arbeitender Kolben.
- Fördervolumen je nach Kompressortyp zwischen 155 und 177 cm³.
- Kompressorgewicht ohne Magnetkupplung zwischen 3,5 und 4,5 kg.
- Kompressorgewicht mit Magnetkupplung zwischen 5,6 und 6,6 kg.
- Kompressoröl: CFC12 → ND6
HFC134a → ND8

Beschreibung: 10PA Kompressor

- Der 10PA Kompressor ist eine verbesserte Version des Typs 10P.
- Fördervolumen je nach Kompressortyp zwischen 155 und 207 cm³.
- Die wichtigsten Unterschiede zwischen 10P und 10PA:
 - Kompakter
 - Leichter
 - Verbesserte Wellenabdichtung, dadurch verringerte Leckrate
 - Verbesserte Innenkühlung
 - Geräuschreduzierung durch Einsatz eines Innenschalldämpfers

Beschreibung: 10S Kompressor

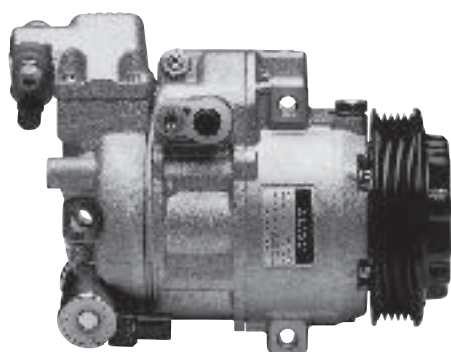
- Der 10S Kompressor ist eine verbesserte Version des Typs 10PA.
- Die wichtigsten Unterschiede liegen in der Reduzierung von Größe und Gewicht.
- Kein Anschlußplatte mehr; die Schläuche werden direkt am Kompressorgehäuse angeschlossen.

Beschreibung: 6CA Kompressor

- Ein einseitig arbeitender Taumelscheibenkompressor.
- 6 Kolben und variables Fördervolumen.
- 100% Fördervolumen entsprechen 170 cm³.
- Die Vorteile zum Typ 10PA sind:
 - Geringerer Kraftstoffverbrauch durch variables Fördervolumen
 - Verringerung der Ein-/Ausschaltstöße

Beschreibung: 7SB(U) Kompressor

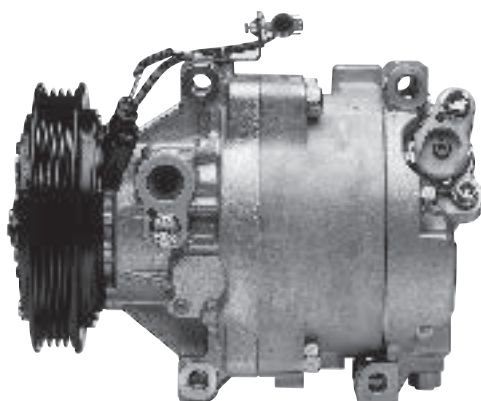
- Ein einseitig arbeitender Taumelscheibenkompressor.
- 7 Kolben, variables Fördervolumen zwischen 3 und 100%.
- Fördervolumen regelbar zwischen 5 cm³ (min.) und 161 cm³ (max.).
- Die wichtigsten Unterschiede zwischen 7SB(U) und 10PA:
 - Gewichtsreduzierung durch Einsatz von Hohlkolben
 - Geräuschreduzierung durch Hochdruck- und Niederdruck-seitige Schalldämpfer
 - Geringerer Kraftstoffverbrauch durch variables Fördervolumen
 - Verringerung der Ein-/Ausschaltstöße



7SE / 6SE / 5SE / 5SL

Beschreibung: SE / SL Kompressor

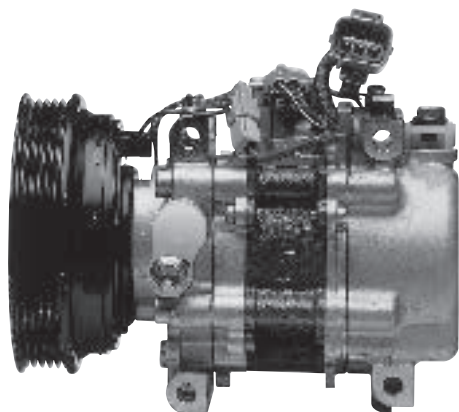
- Ein einseitig arbeitender Taumelscheibenkompressor.
- 5, 6 oder 7 Kolben - je nach Modell.
- Fördervolumen zwischen 2% und 100%.
- Keine Magnetkupplung, Kompressor wird kontinuierlich angetrieben.
- Je nach Kompressortyp Fördervolumen zwischen 120 und 170cm³.
- Die wichtigsten Unterschiede zwischen SE und 7SB(U):
 - Gewichtsreduzierung durch Eliminierung von Kupplungsdruckplatte und Spule.



SC

Beschreibung: Scroll (SC) Kompressor

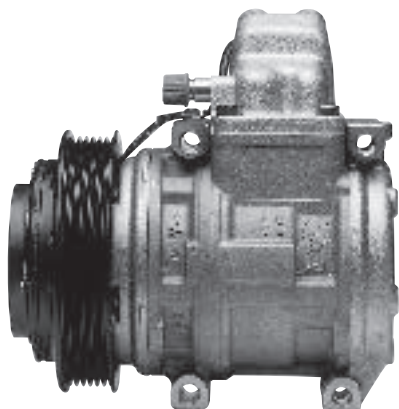
- Ein Schneckenkompressor.
- Kompressorkammer besteht aus zwei spiralförmigen Schnecken; eine fest und eine drehend.
- Zwei verschiedene Fördervolumen; 60 cm³ oder 80 cm³.
- Die Vorteile von Schneckenkompressoren sind:
 - Kompakte Bauweise, niedriges Gewicht & hohe Leistungsfähigkeit.



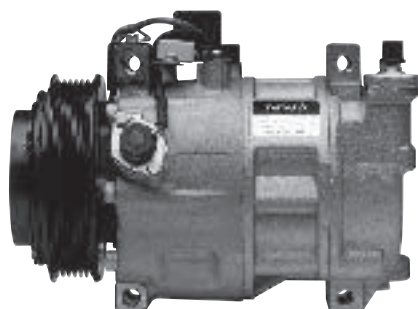
TV

Beschreibung: Kompressor mit Flügelzellen (TV)

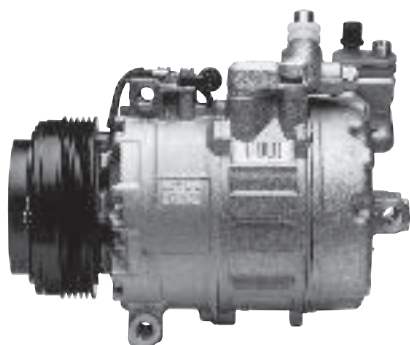
- Ein Flügelzellenkompressor.
- Kompressorkammer besteht aus einem Rotor mit zwei durch den Rotor gleitenden Flügeln.
- Zwei verschiedene Fördervolumen: 120 cm³ oder 140 cm³.
- Kompressoröl: ND 9.



10P/10PA/10S



6CA



7SB

F

Descriptif du Compresseur 10P

- Compresseur à 10 cylindres à disque en nutation et cylindrée constante, bien connu pour son fonctionnement sans bruit ni pulsations.
- Piston à double action fonctionnant dans deux cylindres AV et AR.
- Cylindrée variant entre 155 et 177 cm³ selon le type de compresseur.
- Poids du compresseur, sans embrayage magnétique, entre 3,5 et 4,5 kg.
- Poids du compresseur, avec embrayage magnétique, entre 5,6 et 6,6 kg.
- Huile de compresseur: CFC12 → ND6
HFC134a → ND8

Descriptif du Compresseur 10PA

- Le compresseur 10PA est une version améliorée du modèle 10P.
- Cylindrée variant entre 155 et 207 cm³ selon le type de compresseur.
- Principales différences entre 10P et 10PA:
 - Plus compact.
 - Poids réduit.
 - Meilleure étanchéité grâce à un joint à lèvres en caoutchouc amélioré.
 - Meilleur refroidissement interne.
 - Moins de bruit grâce à un silencieux intérieur.

Descriptif du Compresseur 10S

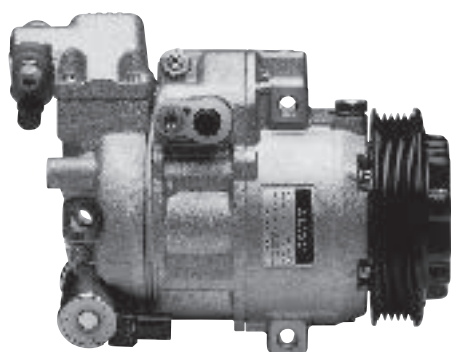
- Le compresseur 10S est une version améliorée du modèle 10PA.
- Ses principales différences sont une taille et un poids réduits.
- Plus de vanne de service: les flexibles sont directement raccordés au corps du compresseur.

Descriptif du Compresseur 6CA

- Compresseur à plateau oscillant fonctionnant sur un seul côté.
- 6 pistons et débit variable.
- 100 % du débit correspondent à 170 cm³.
- Avantages du modèle 10PA:
 - Moindre consommation de carburant grâce au débit variable.
 - Moins d'à-coups lors des mises en marche/arrêt.

Descriptif du Compresseur 7SB (U)

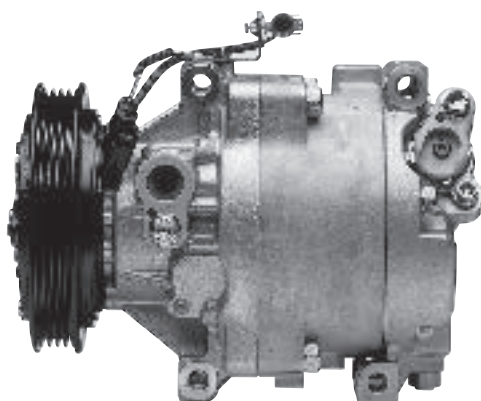
- Compresseur à disque en nutation à fonctionnement unilatéral.
- 7 pistons, débit variable entre 3 et 100 %.
- Débit minimal 5 cm³, débit maximal 161 cm³.
- Principales différences entre 7SB (U) et 10PA:
 - Plus léger grâce au recours à des pistons creux.
 - Réduction du bruit grâce à des silencieux sur les côtés HP et BP.
 - Consommation de carburant réduite grâce au débit variable.
 - Moins d'à-coups lors des mises en marche/arrêt.



7SE / 6SE / 5SE / 5SL

Descriptif du Compresseur SE / SL

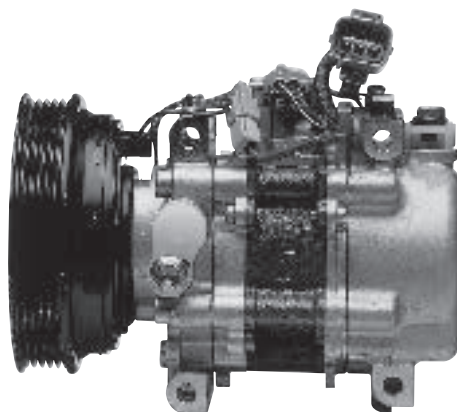
- Compresseur de type à disque en nutation à fonctionnement unilatéral.
- 5, 6 ou 7 pistons, selon le modèle.
- Débit entre 2 % et 100 %.
- Compresseur à entraînement continu, pas d'embrayage magnétique.
- Cylindrée entre 120 et 170 cm³ selon le type de compresseur,
- Principales différences entre SE et 7SB (U):
 - Plus léger grâce à la suppression du stator et de la bobine de l'embrayage.



SC

Descriptif du Compresseur à rotor (SC/Scroll Compressor)

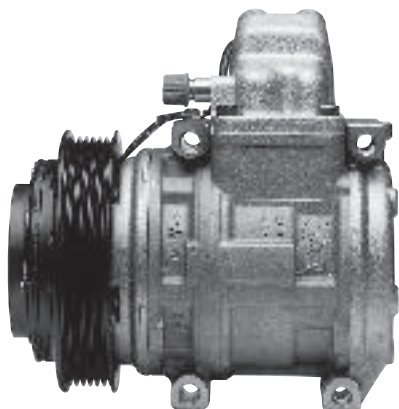
- Compresseur de type rotatif.
- La chambre de compression consiste en deux rotors en forme de spirale dont un est fixe et l'autre rotatif.
- Deux cylindrées différentes: 60 cm³ ou 80 cm³.
- Les avantages du Compresseur de type à rotor sont:
 - Compact, faible poids & hautes performances.



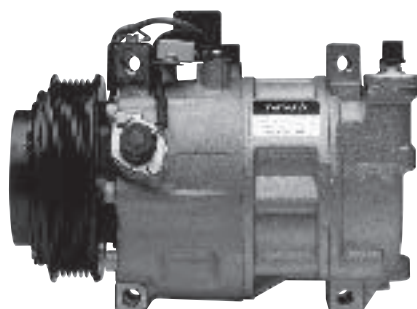
TV

Descriptif du Compresseur à vanne traversante (TV)

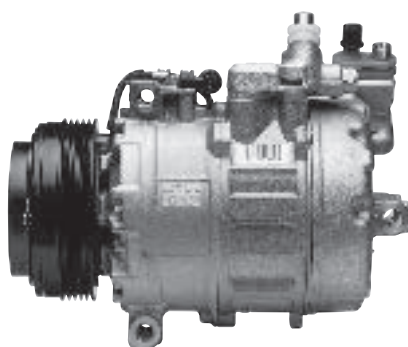
- Un compresseur de type rotatif.
- La chambre de compression consiste en un rotor et en deux vannes coulissant à travers le rotor.
- Deux cylindrées différentes: 120 cm³ ou 140 cm³.
- Huile de compresseur: ND 9.



10P/10PA/10S



6CA



7SB

E

Descripción del compresor 10P

- Compresor de tipo leva plana de 10 cilindros con desplazamiento fijo, conocido por su ausencia de ruidos y pulsaciones.
- Pistón de doble efecto que opera en dos cilindros en los lados delantero y trasero.
- Dependiendo del tipo de compresor, desplazamiento entre 155 cm³ y 177 cm³.
- Peso del compresor, sin embrague magnético, entre 3,5 kg y 4,5 kg.
- Peso del compresor, con embrague magnético, entre 5,6 kg y 6,6 kg.
- Aceite del compresor: CFC12 → ND6
HFC134a → ND8

Descripción del compresor 10PA

- El compresor 10PA es una versión mejorada del modelo 10P.
- Dependiendo del tipo de compresor, desplazamiento entre 155 cm³ y 207 cm³.
- Principales diferencias entre los modelos 10P y 10PA:
 - Más compacto.
 - Peso reducido.
 - Junta del eje mejorada, para reducir las fugas.
 - Refrigeración interna mejorada.
 - Reducción del ruido mediante silenciador interno.

Descripción del compresor 10S

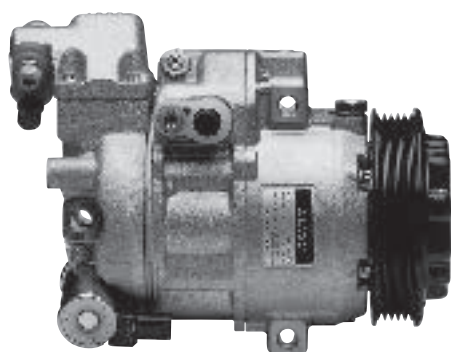
- El compresor 10S es una versión mejorada del modelo 10PA.
- Las diferencias principales son la reducción del peso y el tamaño.
- Ya no se utiliza válvula de servicio; las mangueras se conectan directamente al cuerpo del compresor.

Descripción del compresor 6CA

- Compresor de tipo plato oscilante que opera en un solo lado.
- 6 pistones y desplazamiento variable.
- El 100 % de desplazamiento corresponde a 170 c.c.
- Las ventajas respecto al modelo 10PA son:
 - Reducción del consumo de combustible debido al desplazamiento variable.
 - Reducción de choques en el encendido y apagado.

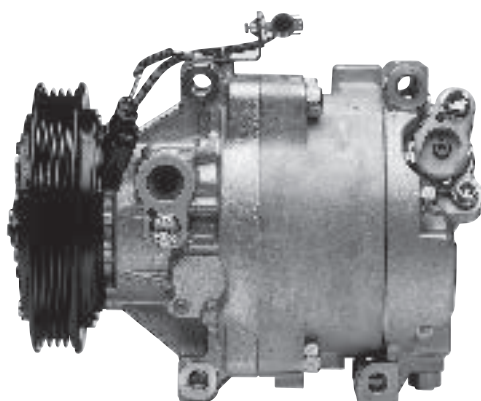
Descripción del compresor 7SB(U)

- Compresor de tipo leva plana que funciona en un solo lado.
- 7 pistones, desplazamiento variable entre el 3% y el 100%.
- Desplazamiento mínimo de 5 cm³, desplazamiento máximo de 161 cm³.
- Principales diferencias entre los modelos 7SB(U) y 10PA:
 - Reducción del peso mediante pistones huecos.
 - Reducción del ruido mediante silenciadores en los lados de alta y baja presión.
 - Reducción del consumo de combustible debido al desplazamiento variable.
 - Reducción de choques en el encendido y apagado.


7SE / 6SE / 5SE / 5SL

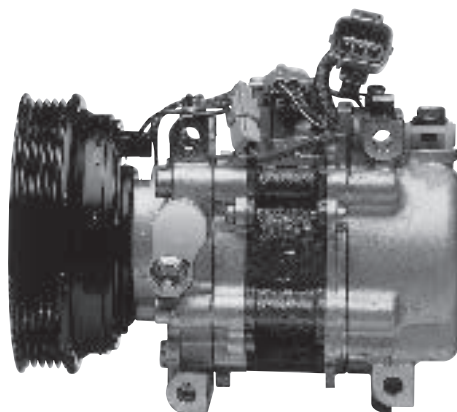
Descripción del compresor SE / SL

- Compresor de tipo leva plana que funciona opera en un solo lado.
- 5, 6 ó 7 pistones, dependiendo del modelo.
- Desplazamiento entre el 2% y el 100%.
- Sin embrague magnético, el compresor está en accionamiento continuo.
- Dependiendo del tipo de compresor, desplazamiento entre 120 cm³ y 170 cm³.
- Principal diferencia entre los modelos SE y 7SB(U):
- Reducción del peso debido a la eliminación de la bobina y el estátor del embrague.


SC

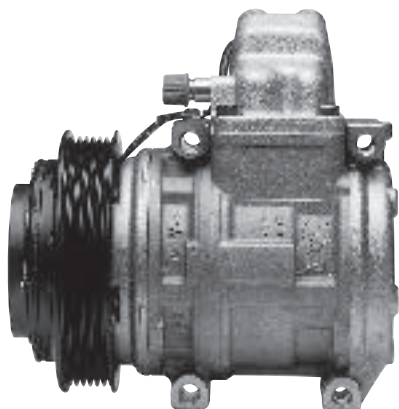
Descripción del compresor de espirales "Scroll" (SC)

- Compresor de tipo giratorio.
- La cámara del compresor consta de una pareja de espirales, una fija y una giratoria.
- Dos desplazamientos diferentes: 60 c.c. u 80 c.c.
- Las ventajas del compresor de espirales son:
- Compacto, bajo peso y alto rendimiento.

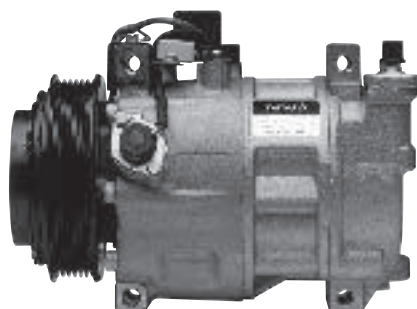

TV

Description Through Vane (TV) Compressor

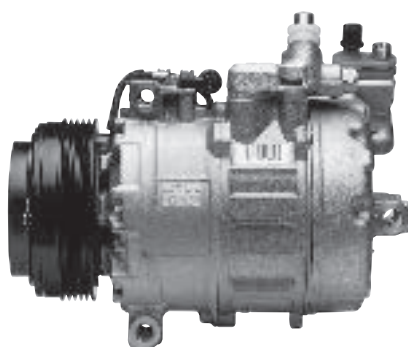
- Compresor de tipo giratorio.
- La cámara del compresor consiste en un rotor con dos paletas que se deslizan por el rotor.
- Dos desplazamientos diferentes: 120 c.c. o 140 c.c.
- Aceite del compresor: ND 9.



10P/10PA/10S



6CA



7SB

I

Descrizione del compressore 10P

- Un compressore del tipo a piatto inclinato, a 10 cilindri, a spostamento fisso, conosciuto per la silenziosita' e l'assenza di vibrazioni.
- Pistone a doppio effetto che viene azionato sui lati anteriore e posteriore
- A seconda del tipo di compressore, cilindrata compresa tra 155 e 177 cm³.
- Peso del compressore, senza frizione magnetica, compreso tra 3,5 e 4,5 kg.
- Peso del compressore, con frizione magnetica, compreso tra 5,6 e 6,6 kg.
- Olio del compressore:

ND6	CON GAS CFC12 (R12)
ND8	CON GAS HFC134a (R134A)

Descrizione del compressore 10PA

- Il compressore 10PA rappresenta una versione migliorata del tipo 10P.
- La cilindrata, a seconda del tipo di compressore, varia tra 155 e 207 cm³.
- Differenze principali tra il 10P ed il 10PA:
 - Maggior compattezza
 - Peso ridotto
 - Guarnizione dell'albero migliorata, con conseguente riduzione di perdite
 - Raffreddamento interno migliorato
 - Riduzione del rumore tramite un silenziatore interna

Descrizione del compressore 10S

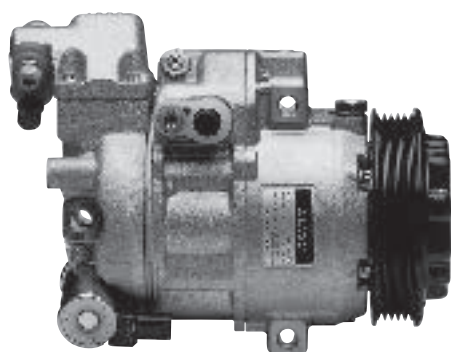
- Il compressore 10S rappresenta una versione migliorata del tipo 10PA.
- Le differenze principali sono date dalla riduzione delle dimensioni e del peso.
- La valvola di servizio non è più utilizzata; i flessibili sono collegati direttamente al corpo del compressore.

Descrizione del compressore 6CA

- Compressore di tipo a disco oscillante (Wobble plate), operante da un solo lato
- 6 pistoni a cilindrata variabile
- La cilindrata al 100% è 170 cc
- I benefici del tipo 10PA sono:
 - Riduzione del consumo di carburante, grazie alla cilindrata variabile
 - Riduzione dell'impatto acceso/spento

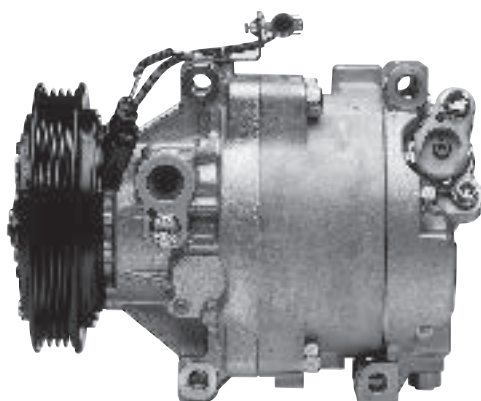
Descrizione del compressore 7SB(U)

- Compressore di tipo a disco inclinato (swash plate), operante su un solo lato
- 7 pistoni, cilindrata variabile compreso tra 3 e 100%
- Cilindrata: minima 5 cm³, massima 161 cm³
- Differenze principali tra il tipo 7SB(U) ed il 10PA:
 - Riduzione del peso grazie all'impiego di pistoni cavi
 - Riduzione del rumore, grazie ai silenziatori dal lato HP e LP
 - Riduzione del consumo di carburante, grazie alla cilindrata variabile
 - Riduzione dell'impatto acceso/spento


7SE / 6SE / 5SE / 5SL

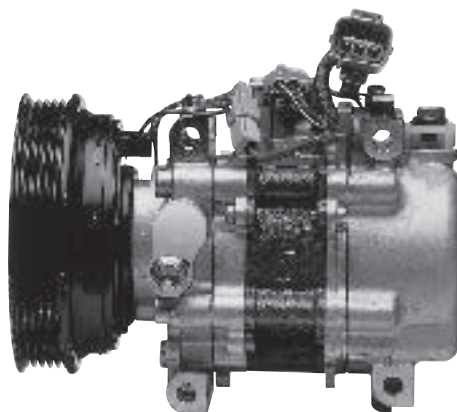
Descrizione del compressore SE / SL

- Compressore di tipo a disco inclinato (swash plate), operante su un solo lato
- 5, 6 o 7 pistoni, in funzione del modello
- Cilindrata compresa tra 2% e 100%
- Assenza di frizione magnetica, con il compressore sempre in trasmissione
- La cilindrata, a seconda del tipo di compressore, varia tra 120 e 170cm³.
- Differenze principali tra il tipo SE ed il 7SB(U):
 - Riduzione del peso, grazie all'eliminazione dello statore della frizione e della bobina


SC

Descrizione del compressore a spirale rotante evolvente Scroll (SC)

- Un compressore di tipo rotante
- La camera del compressore consiste in una coppia di volute a forma di spirale: una fissa ed una rotante.
- Due cilindrata differenti: 60 cc o 80 cc
- I benefici del compressore di tipo a spirale Scroll sono i seguenti:
 - compattezza, peso ridotto ed elevate prestazioni


TV

Descrizione del compressore a palette Through Vane (TV)

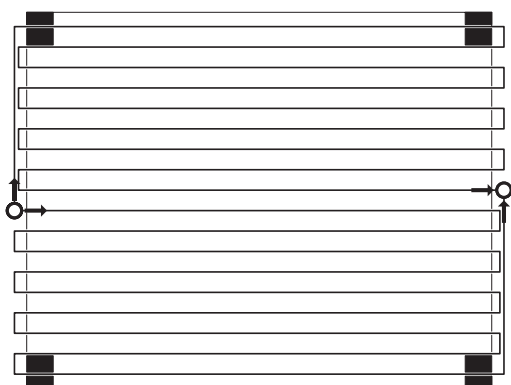
- Un compressore di tipo rotante
- La camera del compressore consiste in un rotore con due palette che scorrono attraverso di esso.
- Due cilindrata differenti: 120 cc o 140 cc
- Olio del compressore: ND 9

GB

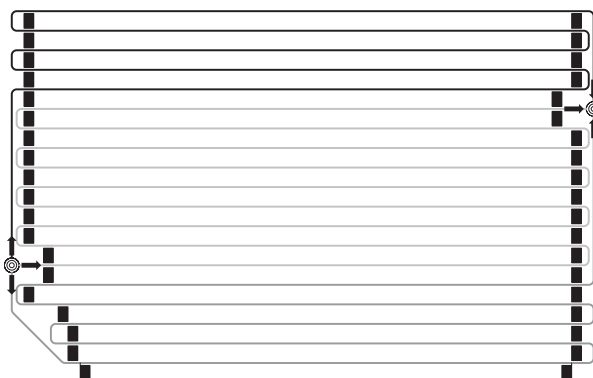
Description of Condensers

The condenser is a heat exchanger belonging to the vehicle air conditioning system. Its function is to condense the refrigerant in the A/C cycle. As a heat exchanger, the condenser's structure is similar to that of the radiator, but it has to withstand the high internal pressures (up to 25Bar), typical for air conditioning systems. Denso condensers, particularly our most recent applications, have an integrated filter system to ensure greater efficiency of the air conditioning system.

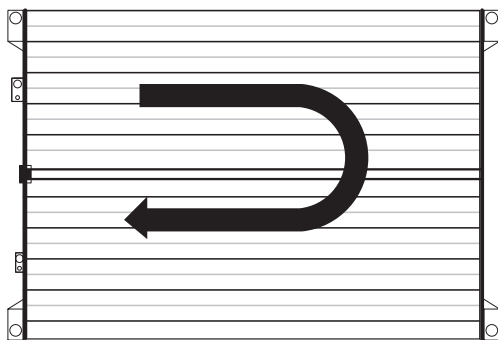
Dual Flow



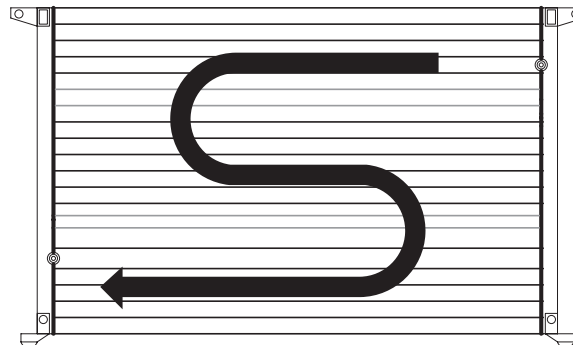
Triple Flow



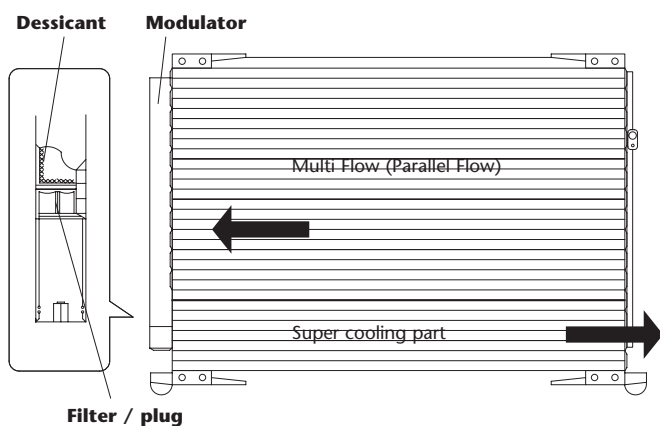
Multi Flow (U-turn)



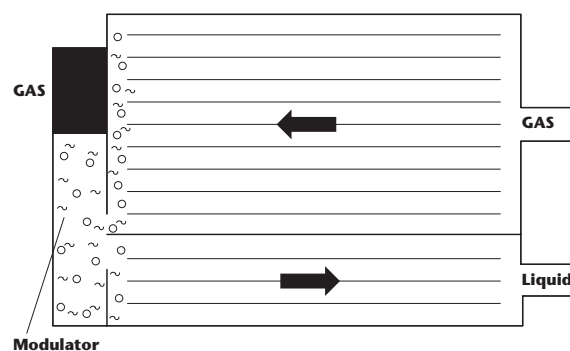
Multi Flow (S-turn)



Super Cool



Function of the Modulator

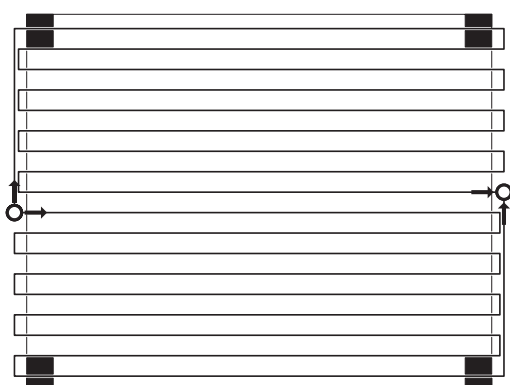


D

Beschreibung: Kondensatoren

Der Kondensator ist ein Wärmetauscher und gehört zur Klimaanlage des Fahrzeugs. Seine Funktion besteht darin, das Kältemittel im Zyklus der Klimaanlage zu kondensieren. Der Aufbau eines Kondensators, der als Wärmetauscher verwendet wird, ist dem eines Kühlers ähnlich, aber er muss höheren Innendrücken (bis zu 25 Bar) standhalten können, die für Klimaanlagen typisch sind. Die Kondensatoren von Denso, und dabei insbesondere die Kondensatoren in den neuesten Anwendungen, sind mit einem integrierten Filtersystem ausgerüstet, um eine größere Leistungsfähigkeit der Klimaanlage zu gewährleisten.

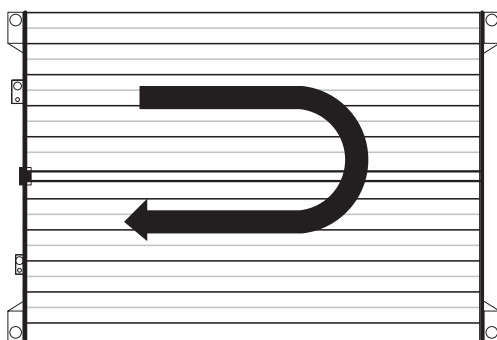
DZweiflutig



Dreifachfluss



Mehrfachfluss (180°-Kurve)

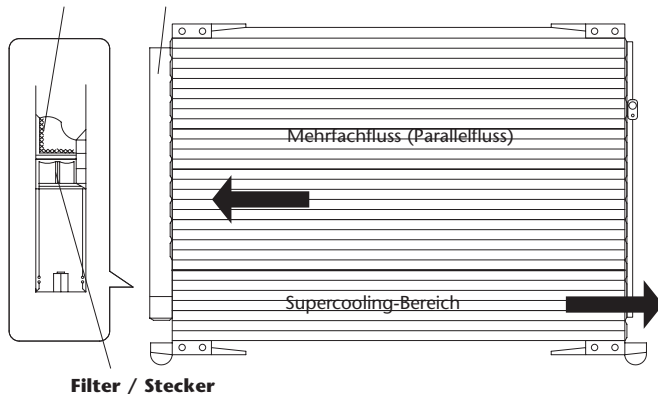


Mehrfachfluss (S-Kurve)



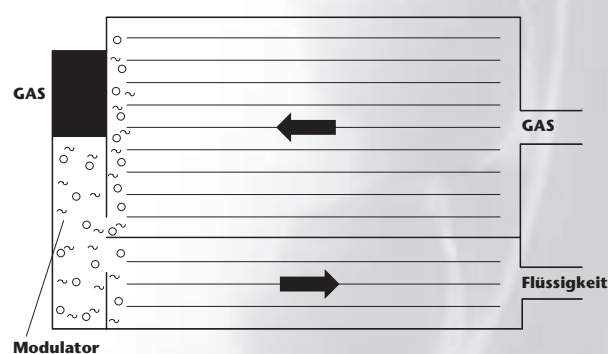
Supercooling

Trockenmittel Modulator



Filter / Stecker

Funktion des Modulators

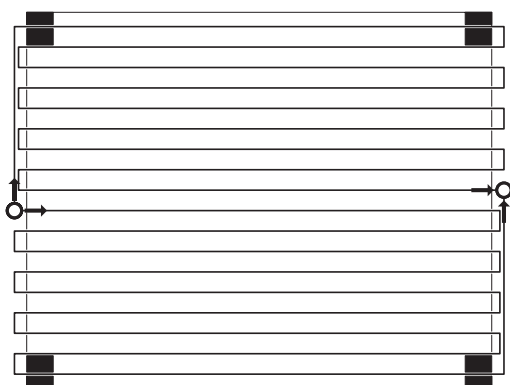


F

Description des condenseurs

Le condenseur est un échangeur de chaleur faisant partie du système de climatisation du véhicule. Il a pour rôle de condenser le réfrigérant durant le cycle de climatisation. En tant qu'échangeur de chaleur, le condenseur a une structure similaire à celle du radiateur, mais il doit résister aux hautes pressions internes (jusqu'à 25 bars) typiques des systèmes de climatisation. Les condenseurs Denso, surtout nos applications les plus récentes, disposent d'un système de filtrage intégré pour garantir une meilleure efficacité du système de climatisation.

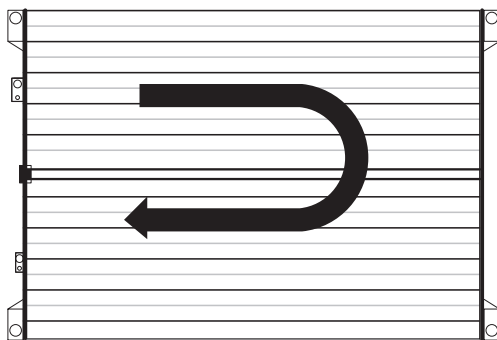
Double flux



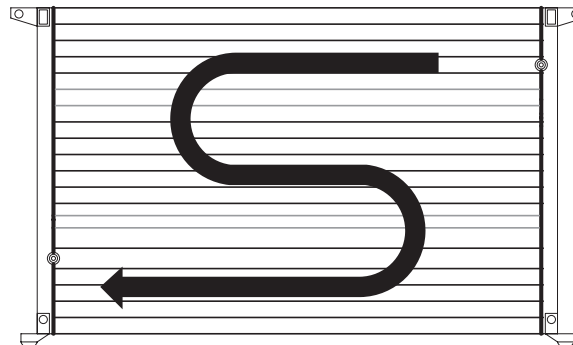
Triple flux



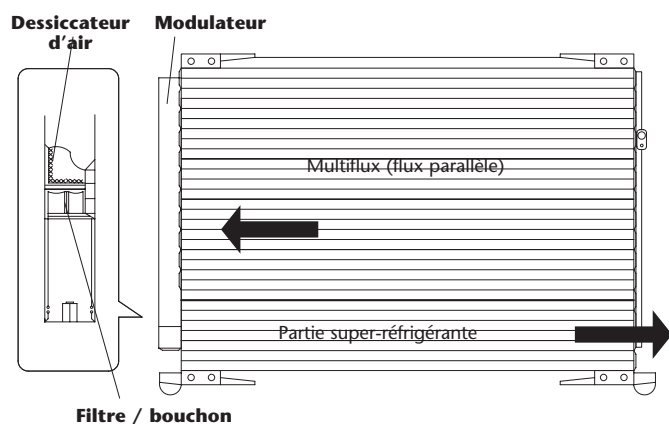
Multiflux (U-turn)



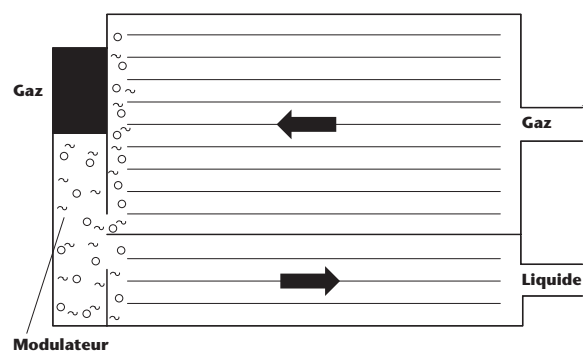
Multiflux (S-turn)



Super frais

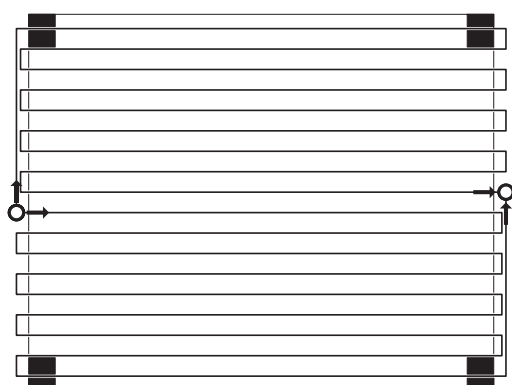


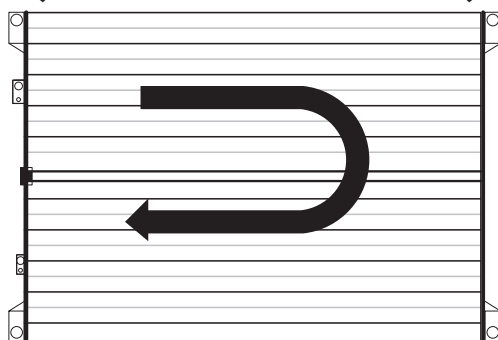
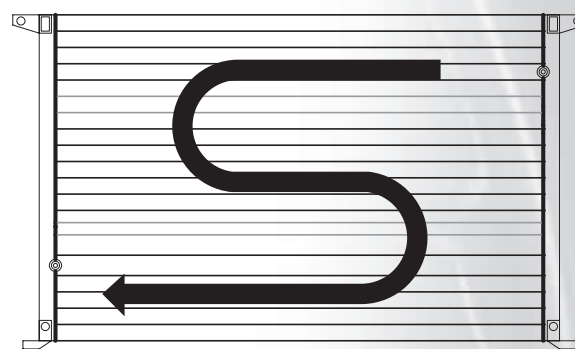
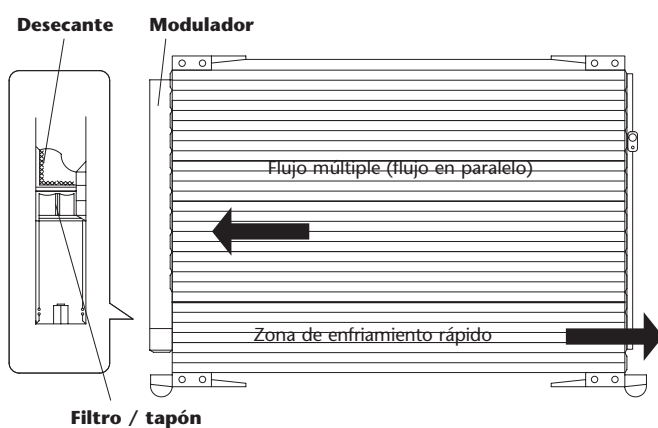
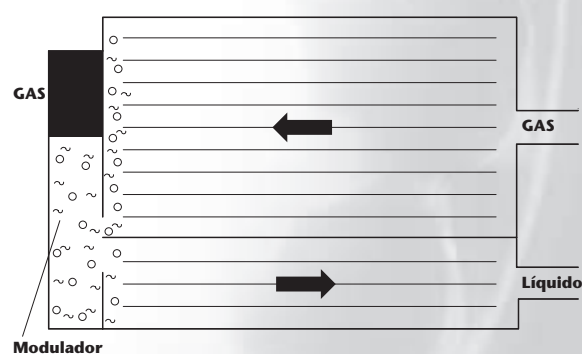
Fonction du modulateur



E
Descripción de condensadores

El condensador es un intercambiador de calor que pertenece al sistema de aire acondicionado de un vehículo. Su función es condensar el refrigerante en el ciclo del aire acondicionado. Como intercambiador de calor, la estructura del condensador es similar a la del radiador, pero tiene que soportar presiones internas elevadas (hasta 25 bar), típicas de los sistemas de aire acondicionado. Los condensadores Denso, en concreto nuestras aplicaciones más recientes, disponen de un sistema de filtro integrado para garantizar una mayor eficiencia del sistema de aire acondicionado.

Flujo doble

Flujo triple

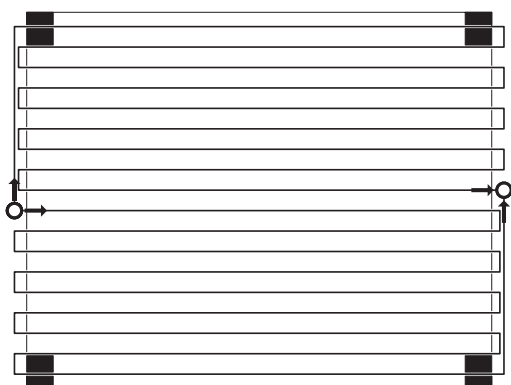
Flujo múltiple (con cambio de sentido)

Flujo múltiple (giro en S)

Super Cool (enfriamiento rápido)

Función del modulador


I

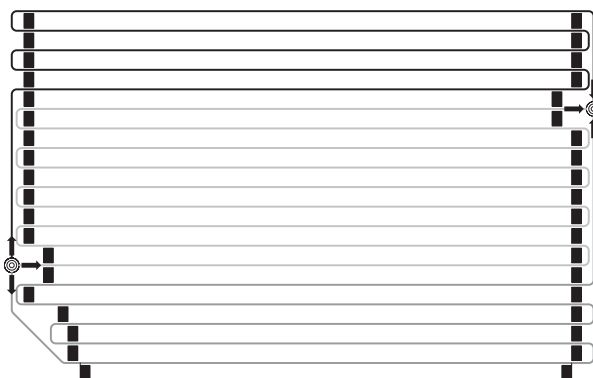
Descrizione dei condensatori

Il condensatore è uno scambiatore di calore che fa parte del sistema di condizionamento d'aria di un veicolo. La sua funzione è quella di condensare il liquido refrigerante nel ciclo C/A. In quanto scambiatore di calore, la struttura del condensatore è simile a quella del radiatore, ma lo scambiatore deve sopportare le elevate pressioni interne (fino a 25 Bar), tipiche dei sistemi di condizionamento d'aria. I condensatori Denso, specie nelle applicazioni più recenti, sono dotati di un sistema di filtraggio integrato, che assicura una maggiore efficienza del sistema di condizionamento d'aria.

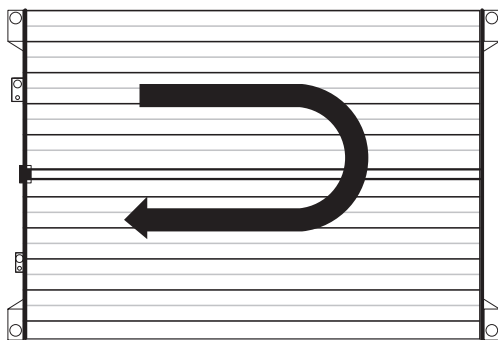
Flusso parallelo



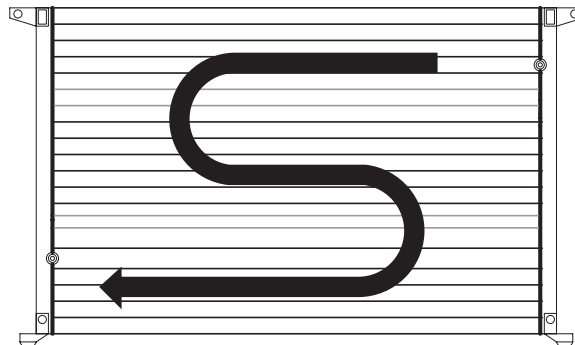
Flusso triplo



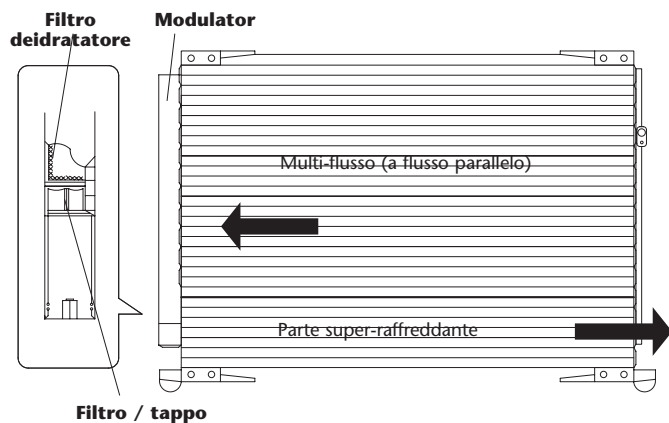
Multi-flusso (circolazione ad U)



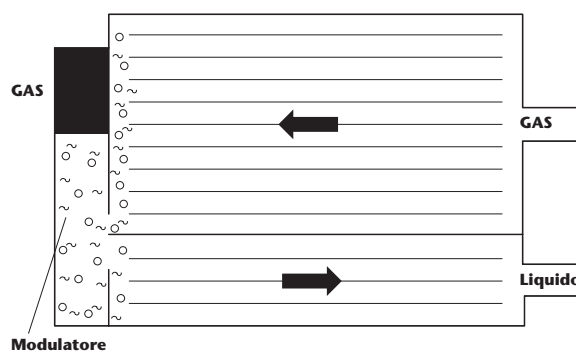
Multi-flusso (circolazione a S)



Modulatore



Funzione del modulatore



GB

System layout

The main purpose of an air conditioning is to maintain the air in the passenger compartment at a comfortable temperature by cooling or heating the air blown into the passenger compartment. Further it will reduce humidity, dust and smell in the passenger compartment.

To perform these operations, the air conditioner for the automobile generally consist of a heater, cooler (or evaporator), ventilation system, such as a blower and ducts, and air purifier.

The 5 main components of a refrigeration cycle

- Compressor (Rotated using a Magnetic Clutch driven by the Car engine)
- Condenser
- Receiver / Drier
- Expansion Valve
- Evaporator

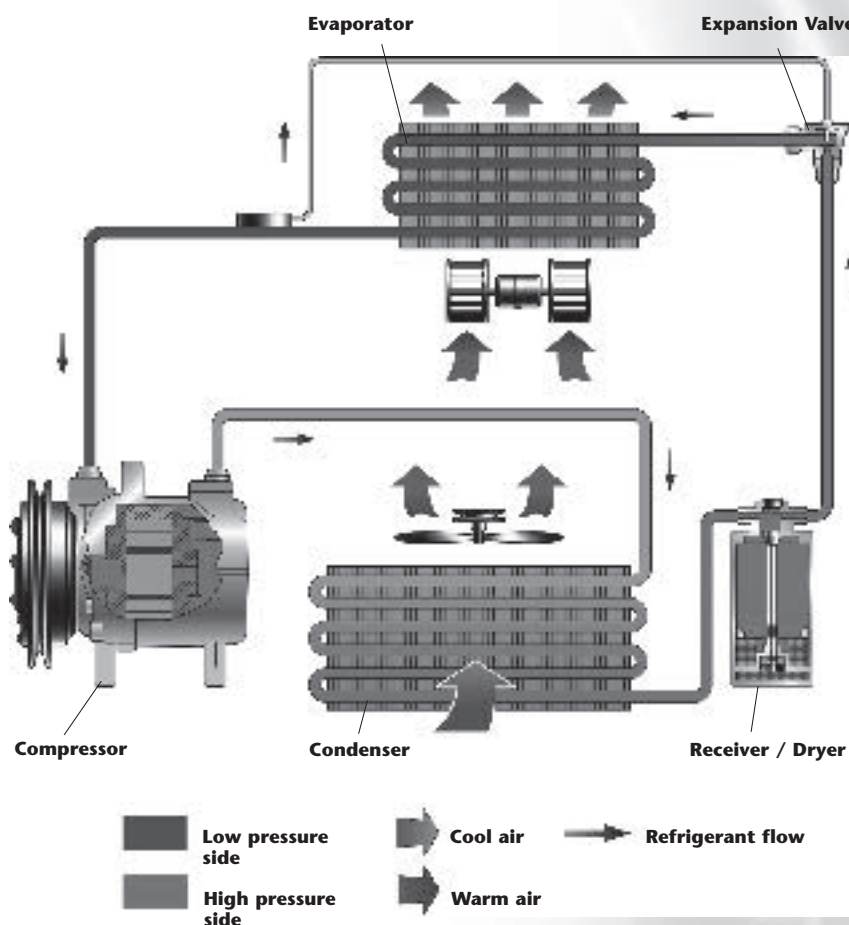
The system components are connected to each other with different tubes and hoses.

Operation of a car air conditioning system

- The Compressor discharges high pressure and high temperature refrigerant in a gaseous state. The refrigerant discharged contains the heat absorbed from the evaporator and the heat created by the Compressor in a discharge stroke. After discharge the refrigerant flows to the condenser.
- The condenser will condense the gaseous refrigerant into a liquid by exchanging heat with the air passing through the condenser. When the refrigerant is liquefied it flows to the Receiver / Drier.
- The Receiver / Drier will store the refrigerant until the Evaporator requires it and it will ensure only liquefied refrigerant flows to the evaporator. Secondly the refrigerant is filtered and dried. After separation of gas and liquid, liquid refrigerant flows to the Expansion Valve.

- The Expansion Valve injects the refrigerant into the Evaporator changing the refrigerant from a high pressure and high temperature liquid into a low pressure and low temperature liquid and gas mixture. The refrigerant flows to the Evaporator.
- The Evaporator vaporises the low pressure and low temperature refrigerant. When vaporising the refrigerant a high amount of heat is required which it will absorb from the warm air passing through the evaporator. All liquid will change into a gaseous refrigerant and only gaseous refrigerant flows to the Compressor. The process is then repeated again.

- The system is controlled using a Computer or Amplifier in order to maintain a comfortable interior temperature for driver and passengers. Sensors are used to protect the system against too high or too low refrigerant pressures, frosting of the evaporator and when necessary to protect drive belt.



D

Symmetrisches Layout

Der Hauptzweck einer Klimaanlage besteht darin, die Luft im PKW-Innenraum durch Kühlung oder Erwärmung auf einer komfortablen Temperatur zu halten. Außerdem verringert sie Feuchtigkeit, Staub und Gerüche im PKW-Innenraum.

Zur Durchführung dieser Funktionsvorgänge besteht die Klimaanlage des Fahrzeugs im allgemeinen aus einer Heizung, einer Kühlvorrichtung (oder Verdampfer), einem Ventilationssystem, z. B. einem Gebläse und Luftkanälen, und einem Luftreiniger.

Die 5 Hauptkomponenten eines Kühlzyklus

- Kompressor (drehend mit Hilfe einer vom Fahrzeugmotor angetriebenen Magnetkupplung)
- Kondensator
- Trockner
- Expansionsventil
- Verdampfer

Die Systemkomponenten werden über unterschiedliche Rohrleitungen und Schläuche miteinander verbunden.

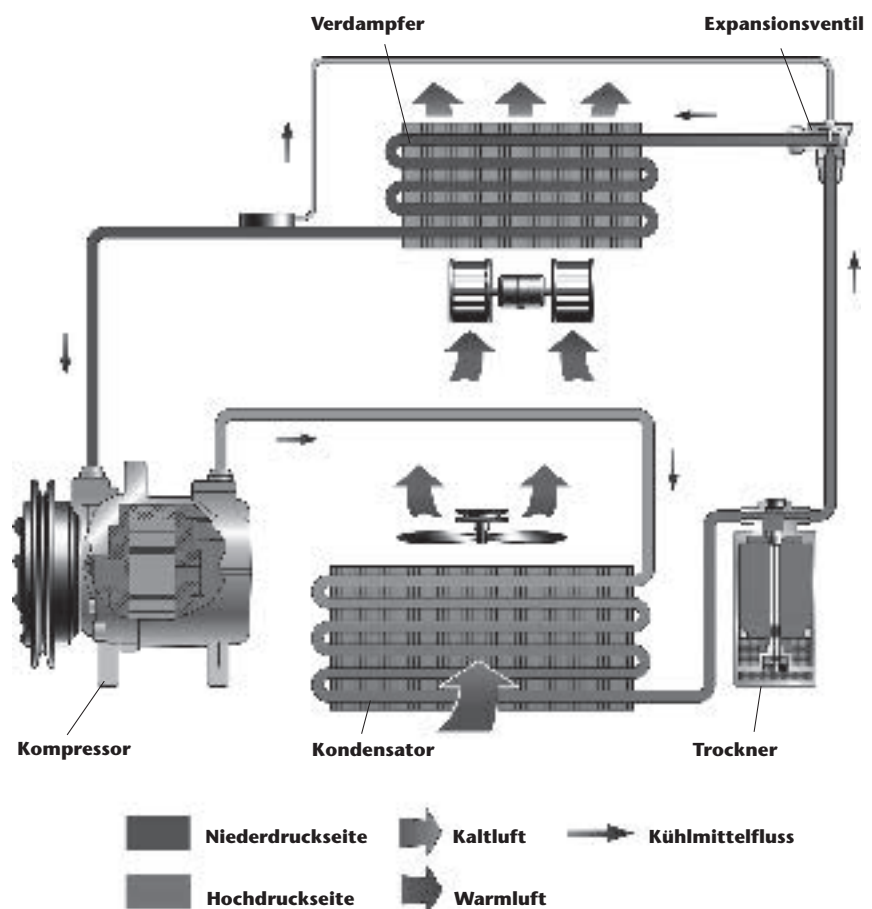
Betrieb einer KFZ-Klimaanlage

- Der Kompressor fördert Kühlmittel im gasförmigen Zustand unter hohem Druck und mit hoher Temperatur. Das geförderte Kühlmittel enthält die vom Verdampfer absorbierte Hitze sowie die vom Kompressor in einem Fördertakt generierte Hitze. Nach Förderung strömt das Kühlmittel zum Kondensator.
- Der Kondensator kondensiert das gasförmige Kühlmittel zu einer Flüssigkeit, indem Wärme mit der durch den Kondensator strömenden Luft getauscht wird. Nachdem das Kühlmittel verflüssigt ist, strömt es zum Trockner.
- Der Trockner speichert das Kühlmittel, bis dieses vom Verdampfer benötigt wird, und gewährleistet, dass nur verflüssigtes Kühlmittel zum Verdampfer strömt. Sekundär wird das Kühlmittel gefiltert und getrocknet. Anschliessend strömt es zum Expansionsventil.

d. Das Expansionsventil spritzt das Kühlmittel in den Verdampfer ein; das Kühlmittel wird von einer Flüssigkeit mit hohem Druck und hoher Temperatur zu einer Mischung aus Flüssigkeit und Gas mit niedrigem Druck und niedriger Temperatur. Es strömt weiter zum Verdampfer.

e. Das Kühlmittel mit niedrigem Druck und niedriger Temperatur wird vom Verdampfer verdampft. Bei der Verdampfung des Kühlmittels ist eine große Menge von Wärme erforderlich, die es aus der durch den Verdampfer strömenden warmen Luft entnimmt. Alle Flüssigkeit wird zu einem gasförmigen Kühlmittel und nur gasförmiges Kühlmittel strömt zum Kompressor. Der Prozess wird dann wiederholt.

f. Das System wird mit einem Computer oder Steuergerät gesteuert, um für Fahrer und Mitfahrer eine komfortable Innenraumtemperatur aufrechtzuerhalten. Mit Sensoren wird das System gegen zu hohe oder zu niedrige Kühlmitteldrücke und Einfrieren des Verdampfers geschützt; wenn erforderlich, werden auch Sensoren zum Schutz des Antriebsriemens eingesetzt.



F

Agencement du système

Une climatisation a pour rôle principal de maintenir l'air de l'habitacle à une température agréable en refroidissant ou en chauffant l'air y étant insufflé. Par ailleurs, elle réduit l'humidité, la poussière et les odeurs dans l'habitacle.

Pour ce faire, le climatiseur d'un véhicule comprend généralement un radiateur, un refroidisseur (ou évaporateur), un système de ventilation tel qu'un ventilateur et des durites, et un purificateur d'air.

Les 5 principaux éléments d'un cycle de réfrigération

- Compresseur (que fait tourner un embrayage magnétique entraîné par le moteur de la voiture)
- Condenseur
- Réservoir déshydrateur
- Détendeur
- Évaporateur

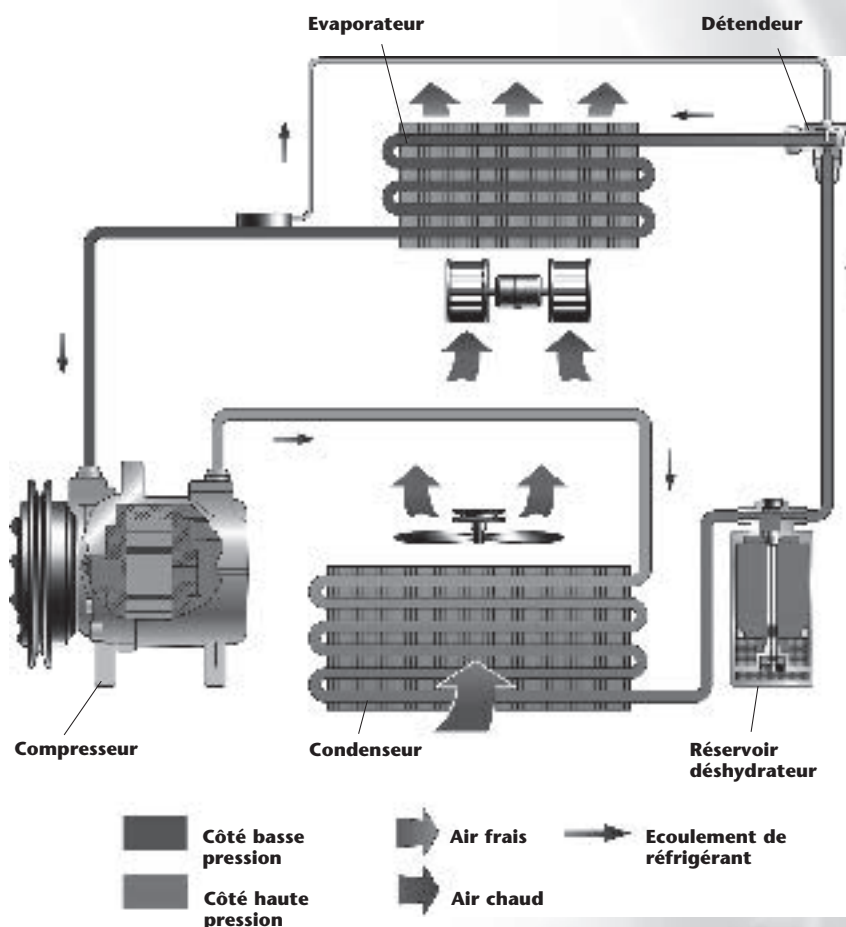
Les éléments du système sont raccordés ensemble par différents tuyaux et flexibles.

Fonctionnement de la climatisation d'une voiture

- Le compresseur refoule du réfrigérant à haute pression et à température élevée dans un état gazeux. Le réfrigérant refoulé contient la chaleur absorbée par l'évaporateur et la chaleur créée par le compresseur pendant une course de refoulement. Après le refoulement, le réfrigérant s'écoule vers le condenseur.
- Le condenseur transforme le réfrigérant gazeux en liquide en échangeant sa chaleur avec l'air qui traverse le condenseur. Lorsque le réfrigérant est liquéfié, il s'écoule dans le réservoir déshydrateur.
- Le réservoir déshydrateur stocke le réfrigérant jusqu'à ce que l'évaporateur en ait besoin et veille à ce que seul du réfrigérant liquéfié s'écoule vers l'évaporateur. Ensuite, le réfrigérant est filtré et séché. Après la séparation entre le gaz et le liquide, le réfrigérant liquide s'écoule vers le détendeur.

- Le détendeur injecte le réfrigérant dans l'évaporateur en transformant le réfrigérant d'un liquide à haute pression et à température élevée en un mélange de liquide et de gaz à basse pression et à basse température. Le réfrigérant s'écoule vers l'évaporateur.
- L'évaporateur vaporise le réfrigérant à basse pression et à basse température. La vaporisation du réfrigérant requiert beaucoup de chaleur: absorbée dans l'air chaud traversant l'évaporateur. Tout le liquide se transforme en réfrigérant gazeux et seul ce réfrigérant gazeux s'écoule vers le compresseur. Ce processus est ensuite répété.

- Le système est commandé par un ordinateur ou un amplificateur afin de maintenir une température ambiante agréable pour le conducteur et les occupants. Des capteurs servent à protéger le système contre des pressions de réfrigérant trop élevées ou trop basses, contre le givrage de l'évaporateur et, au besoin, pour protéger la courroie d'entraînement.



E

Distribución del sistema

El objetivo principal de un sistema de aire acondicionado es mantener una temperatura agradable en el habitáculo de los pasajeros, enfriando o calentando el aire que se inyecta a dicho habitáculo. Además, reduce la humedad, el polvo y los olores en este espacio.

Para efectuar estas operaciones, el sistema de aire acondicionado del automóvil suele constar de un calentador, un enfriador (o evaporador), un sistema de ventilación (por ejemplo, un ventilador y conductos) y un purificador de aire.

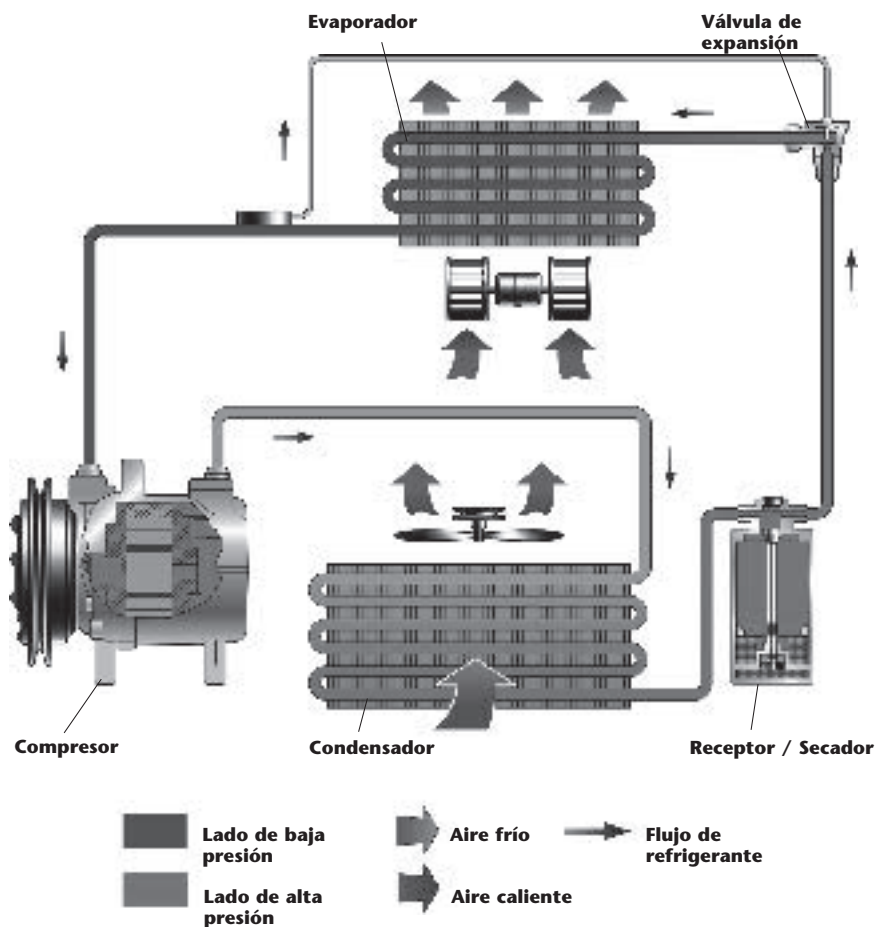
Los 5 componentes principales de un ciclo de refrigeración

- Compresor (que gira por efecto de un embrague magnético accionado por el motor del vehículo)
- Condensador
- Receptor / Secador
- Válvula de expansión
- Evaporador

Los componentes del sistema están conectados unos con otros mediante diversos tubos y mangueras.

Operación de un sistema de aire acondicionado en un vehículo

- a. El compresor descarga refrigerante a alta presión y alta temperatura en estado gaseoso. El refrigerante descargado contiene el calor absorbido del evaporador y el calor creado por el compresor en un recorrido de descarga. Después de la descarga, el refrigerante fluye al condensador.
- b. El condensador condensa el refrigerante en estado gaseoso convirtiéndolo en estado líquido mediante intercambio de calor con el aire que pasa por el condensador. Una vez licuado el refrigerante, fluye hacia el receptor / secador.
- c. El receptor / secador almacena el refrigerante hasta que se necesita en el evaporador, y garantiza que solamente fluye refrigerante en estado líquido hacia el evaporador. En una segunda fase, se filtra y seca el refrigerante. Después de la separación de gas y líquido, el refrigerante en estado líquido fluye hacia la válvula de expansión.
- d. La válvula de expansión inyecta el refrigerante en el evaporador convirtiendo el refrigerante líquido a alta presión y alta temperatura en una mezcla de líquido y gas a baja presión y baja temperatura. El refrigerante fluye hacia el evaporador.
- e. El evaporador vaporiza el refrigerante a baja presión y baja temperatura. Para vaporizar el refrigerante, se requiere una elevada cantidad de calor, que se absorbe del aire caliente que pasa por el evaporador. Todo el líquido pasa a refrigerante en estado gaseoso y solamente en dicho estado fluye hacia el compresor. Después, el proceso se repite.
- f. El sistema se controla mediante un ordenador o un amplificador, con el fin de mantener una temperatura agradable en el interior para el conductor y los pasajeros. Se utilizan sensores para proteger el sistema de presiones demasiado elevadas o demasiado bajas del refrigerante o de la congelación del evaporador y, en caso necesario, para proteger la correa de la transmisión.



I

Disposizione del sistema

Lo scopo principale di un sistema di condizionamento d'aria è quello di mantenere l'aria dell'abitacolo ad una temperatura confortevole mediante la refrigerazione o il riscaldamento dell'aria immessa nell'abitacolo stesso. Il sistema riduce inoltre il tasso d'umidità e la presenza di polveri e odori nell'abitacolo.

Per eseguire queste operazioni, il condizionatore d'aria di un autoveicolo consiste in genere in un riscaldatore, un refrigeratore (o evaporatore), un sistema di ventilazione, composto da un soffiante e dai suoi condotti, ed in un purificatore d'aria.

I cinque componenti principali di un ciclo di refrigerazione

- Compressore (fatto ruotare mediante una frizione magnetica mossa dal motore del veicolo)
- Condensatore
- Polmone / Essiccatore
- Valvola d'espansione
- Evaporatore

Gli elementi del sistema sono collegati l'uno all'altro tramite differenti tubi rigidi e flessibili.

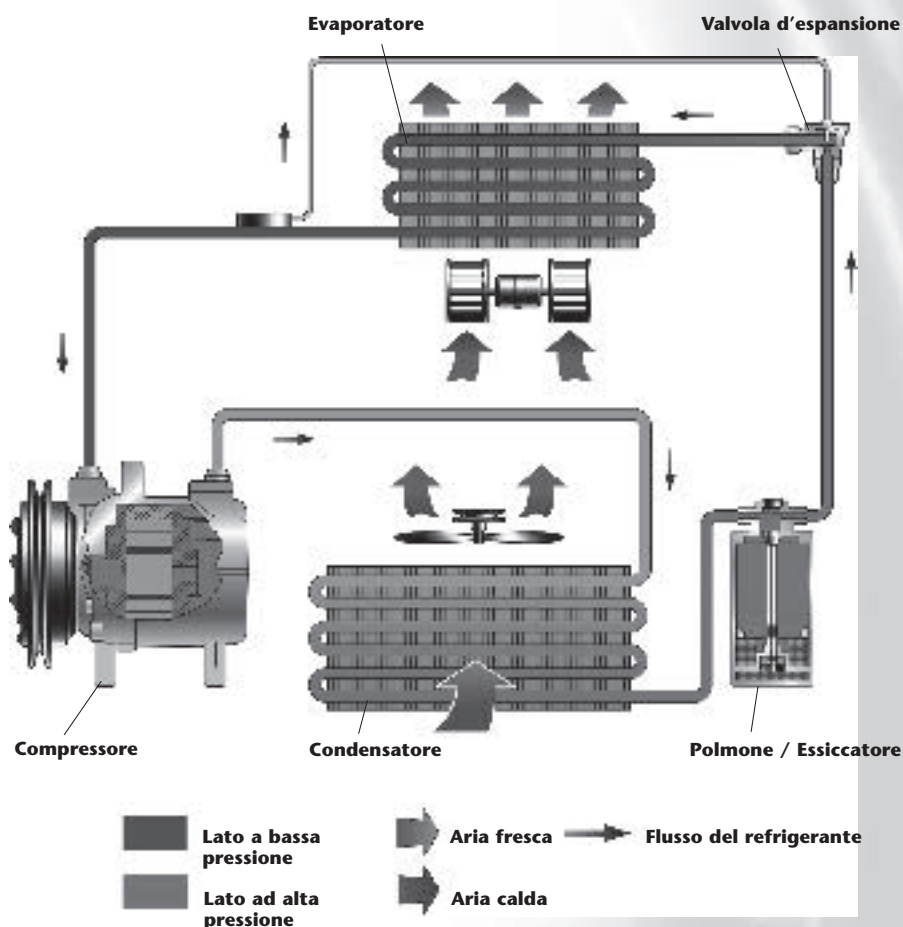
Funzionamento di un sistema d'aria condizionata per veicoli

- Il compressore scarica il liquido refrigerante ad alta pressione ed alta temperatura in uno stato gassoso. Il refrigerante così scaricato contiene il calore assorbito dall'evaporatore ed il calore creato dal compressore in una fase di scarico. Dopo lo scarico, il refrigerante fluisce verso il condensatore.
- Il condensatore concentra il refrigerante gassoso in uno stato liquido, scambiando il calore con l'aria che transita attraverso il condensatore. Una volta che il refrigerante è liquefatto, esso fluisce attraverso il polmone / essiccatore.
- Il polmone / essiccatore accoglierà il refrigerante fino a che l'evaporatore non lo richieda, e si assicurerà che soltanto il refrigerante liquefatto fluisca verso l'evaporatore. Secondariamente, il refrigerante viene filtrato ed essiccato. Dopo la separazione di gas e liquido, il refrigerante liquido fluisce verso la valvola d'espansione.

d. La valvola d'espansione inietta il refrigerante nell'evaporatore, cambiandolo da liquido ad alta pressione ed alta temperatura in miscela di liquido a bassa pressione e bassa temperatura e gas. Il refrigerante fluisce allora verso l'evaporatore.

e. L'evaporatore vaporizza il refrigerante a bassa pressione e bassa temperatura. Per la vaporizzazione del refrigerante è richiesta un'elevata quantità di calore, che verrà assorbito dall'aria calda che transita attraverso l'evaporatore. Tutto il liquido verrà scambiato in refrigerante gassoso, e soltanto tale refrigerante gassoso fluirà verso il compressore. Il processo verrà quindi ripetuto.

f. Il sistema è controllato per mezzo di un computer o di un amplificatore, al fine di mantenere una temperatura interna piacevole per il conduttore ed i passeggeri del veicolo. Si impiegano sensori per proteggere il sistema da pressioni del refrigerante troppo elevate o troppo basse, la brinatura dell'evaporatore e, laddove necessario, per proteggere la cinghia di trasmissione.



GB

Precautions for Compressor removal

1. To reclaim refrigerant from the A/C unit, use certified recovery equipment.
2. When handling refrigerant, follow the governmental regulations.
3. To remove the Compressor, refer to the appropriate vehicle repair manual.
4. In order to keep moisture out of the system, cap the open fittings immediately when disconnecting hoses.
5. Always replace receiver/drier.

Compressor oil inspection procedure

Before installing the new Compressor, check the amount of Compressor oil necessary for the system. Follow the procedure described below;

Example	
A - B = Oil amount to remove from new Compressor	
A (new Compressor)	= 120 cc (4.22 fl oz)
B (remaining in old Compressor)	= 50 cc (1.76 fl oz)
Oil amount to remove from new Compressor	= 70 cc (2.46 fl oz)

fig.1

Compressor oil id chart

Compressor Type	Refrigerant Type	Oil Type
10pa, 7sb, 6se, Sc, 6ca series	Hfc134a (r-134a)	Denso-oil 8 Or equivalent
	Cfc12 (r-12)	Denso-oil 6 Or equivalent
Tv series	Hfc134a (r-134a)	Denso-oil 9 Or equivalent

fig.2

Compressor installation procedure

1. Slowly release the pressure from the schrader valve on the Compressor service Valve.
2. Place Compressor with service valve in upright position and remove the mounting bolts of the service valve (fig.3, see page 14).
3. Remove the excess oil from the new Compressor (calculated by the above mentioned oil inspection procedure (fig.1).
4. Install service valve using original bolts and tighten to the specified torque as referred to in the appropriate vehicle repair manual (fig.3, see page 14).
5. To install the Compressor to the vehicle refer to the appropriate vehicle repair manual.
6. Lubricate and install new o-rings to the suction and discharge hoses.
7. Connect the hoses to the Compressor and tighten to the specified torque as referred to in the appropriate vehicle repair manual.

Precautions for Condenser removal

1. To reclaim refrigerant from the A/C unit, only use certified recovery equipment.
2. When handling refrigerant, follow the appropriate government safety regulations.
3. To remove the condenser, refer to the appropriate vehicle repair manual.
4. In order to keep moisture out of the system, cap the open fittings immediately after disconnecting hoses.
5. Always replace receiver/drier.

Condenser oil replenishing procedure

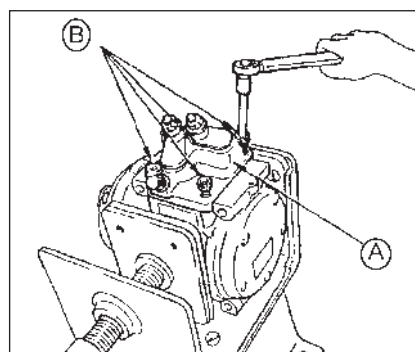
When replacing a condenser, take into account that a certain amount of oil will be left behind in the old condenser. This amount is generally around 40cc. This amount must be added to the system after replacing the condenser.

Condenser oil id chart

Compressor Type	Refrigerant Type	Oil Type
	HFC134a (R134a)	DENSO-oil 8 or equivalent
	CFC12 (R-12)	DENSO-oil 6 or equivalent

Condenser installation procedure

1. Install condenser with original nuts and bolts and tighten to the specified torque.
2. Lubricate and install new o-rings to gas tube and liquid pipe.
3. Connect hose and pipe to the condenser and tighten to the specified torque, as described in the vehicle repair manual.



- 1) remove service valve (A).
- 2) remove excessive oil.
- 3) install service valve.
- 4) tighten bolts (B) to the specified torque value.

D

Vorsichtsmassnahmen für den Kompressorausbau

1. Zur Wiedergewinnung des Kühlmittels aus der Klimaanlage das zugelassene Gerät verwenden.
2. Beim Umgang mit Kühlmittel müssen die örtlichen Bestimmungen eingehalten werden.
3. Für den Ausbau des Kompressor siehe das jeweilige Fahrzeug Werkstatthandbuch.
4. Die offenen fittings sofort verschieben, wenn schläuche abgezogen werden, damit keine Feuchtigkeit in das System gelangen kann.
5. Immer den Trockner erneuern.

Verfahren zur Kontrolle des Kompressor Öls

Bevor der neue Kompressor eingebaut wird, die für das System erforderliche Ölmenge feststellen. Nachstehendes Verfahren einhalten;

Beispiel	
A - B = Ölmenge, die aus neuem Kompressor zu entfernen ist	
A (neuer Kompressor)	= 120 cc (4.22 fl oz)
B (bleibt in altem Kompressor)	= 50 cc (1.76 fl oz)
Ölmenge, die aus neuem Kompressor zu entfernen ist	= 70 cc (2.46 fl oz)

fig.1

Id-tabelle für Kompressor Öl

Kompressor Type	Kältemittel Type	Öl type
10pa, 7sb, 6se, Sc, 6ca series	Hfc134a (r-134a)	Denso-oil 8 Oder vergleichbares
	Cfc12 (r-12)	Denso-oil 6 Oder vergleichbares
Tv series	Hfc134a (r-134a)	Denso-oil 9 Oder vergleichbares

fig.2

Verfahren zum Einbau des Kompressors

1. Den Druck langsam aus dem Schrader-ventil and der Kompressor Service-ventil entspannen.
2. Den Kompressor mit aufrecht stehender Service-ventil aufstellen und die Bolzen entfernen (Abb. 3, siehe Seite 14).
3. Das überflüssige Öl, das im oben genannten Ölkontrollverfahren errechnet wurde, aus dem neuen Kompressor entfernen (Abb.1).
4. Das Service-ventil mit den Originalbolzen einbauen und die Bolzen mit dem in jeweiligen Fahrzeug Werkstatthandbuch angegebenen Anzugsmoment anziehen (Abb. 3, siehe Seite 14).
5. Für den Einbau des Kompressor in das Fahrzeug siehe das jeweilige Werkstatthandbuch.
6. Neue O-ringe schmieren und in die Ansaug- und Auslassschläuchen einsetzen.
7. Die Schläuche am Kompressor anschließen und auf das im jeweiligen Fahrzeug Werkstatthandbuch angegebene Anzugsmoment anziehen.

Vorsichtsmaßnahmen für den Kondensatorausbau

1. Verwenden Sie zur Entnahme von Kältemittel aus der Klimaanlage nur eine geprüfte Rückgewinnungsausrüstung.
2. Beachten Sie bei der Handhabung von Kältemitteln die entsprechenden gesetzlichen Sicherheitsbestimmungen.
3. Beachten Sie zum Ausbau des Kondensators das entsprechende Reparaturhandbuch des Fahrzeugs.
4. Verschließen Sie offene Armaturen direkt nach der Entfernung der Schläuche, um das Eindringen von Feuchtigkeit in das System zu verhindern.
5. Ersetzen Sie immer den Trockner.

Nachfüllverfahren für Kondensatoröl

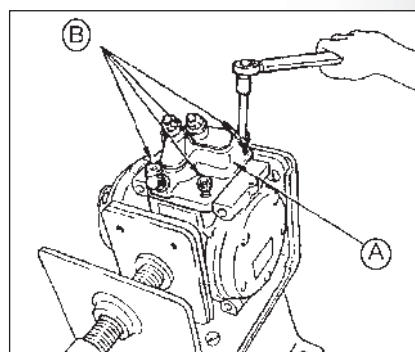
Beachten Sie beim Austausch eines Kondensators, dass eine bestimmte Menge Öl im alten Kondensator zurückbleibt. Diese Menge beträgt normalerweise etwa 40cm³. Diese Menge muss nach dem Austausch des Kondensators wieder in das System eingefüllt werden.

Kondensatoröl-Identifikationskarte

Kondensatortyp	Kältemitteltyp	Öltyp
	HFC134a (R134a)	DENSO-ND-8 oder gleichwertig
	CFC12 (R-12)	DENSO-ND-6 oder gleichwertig

Kondensatorinstallationsverfahren

1. Installieren Sie den Kondensator mit Originalschrauben und -muttern und ziehen Sie diese mit dem angegebenen Drehmoment fest.
2. Schmieren und installieren Sie neue O-Ringe an Gasrohr und Flüssigkeitsrohr.
3. Verbinden Sie Schlauch und Rohr mit dem Kondensator und ziehen sie mit dem angegebenen Drehmoment fest, wie es im Reparaturhandbuch des Fahrzeugs beschrieben ist.



- 1) Das Service-Ventil entfernen (A).
- 2) Überflüssiges Öl entfernen.
- 3) Service-Ventil installieren.
- 4) Bolzen anziehen (B) mit angegebene Anzugsmoment.

F

Précautions de demontage du Compresseur

1. Pour le remplacement du liquide de refroidissement du système C/A, utiliser des appareils homologués.
2. Pour la manipulation du liquide de refroidissement, respecter la législation locale.
3. Pour la dépose du Compresseur, voir le manuel atelier véhicule spécifique.
4. Boucher immédiatement tous les orifices ouverts lors de la déconnexion de la tuyauterie afin d'éviter de mouiller le système.
5. Toujours remplacer bouteille déshydratante.

Procédure inspection huile Compresseur

Avant montage du nouveau Compresseur, vérifier la quantité d'huile Compresseur prévue pour le système. Seconformer à la procédure décrite ci-après;

Exemple	
A - B = quantité d'huile à évacuer du nouveau Compresseur	
A (nouveau Compresseur)	= 120 cc (4.22 fl oz)
B (restant dans l'ancien Compresseur)	= 50 cc (1.76 fl oz)
Quantité d'huile à enlever du nouveau Compresseur	= 70 cc (2.46 fl oz)

fig.1

Tableau d'identification d'huile de Compresseur

Compresseur	Réfrigérant	Huile
	Hfc134a (r-134a)	Denso-oil 8 Ou équivalent
	Cfc12 (r-12)	Denso-oil 6 Ou équivalent
Tv series	Hfc134a (r-134a)	Denso-oil 9 Ou équivalent

fig.2

Procédure installation Compresseur

1. Laisser sortir doucement la pression de la valve schrader sur la valve service du Compresseur.
2. Placer le Compresseur avec la valve service en position verticale et enlevez les boulons de fixation de la valve service ainsi que le(s) joint(s) (fig. 3, voir p.14).
3. Enlevez l'huile en excès calculé lors du contrôle précédent sur le nouveau Compresseur (fig.1).
4. Monter la valve service en utilisant des boulons d'origine et serrer au couple préconisé dans le manuel atelier véhicule spécifique (fig. 3, voir p.14).
5. Procéder à la pose du Compresseur sur le véhicule comme décrit dans le manuel atelier véhicule spécifique.
6. Huiler et monter les nouveaux joints toriques sur la tuyauterie d'admission et d'échappement.
7. Connecter les flexibles au Compresseur et serrer au couple préconisé dans le manuel atelier véhicule spécifique.

Précautions à prendre en cas d'enlèvement du condensateur

1. Pour récupérer le réfrigérant de l'unité de climatisation, utilisez uniquement des équipements de récupération certifiés.
2. Lors de la manipulation du réfrigérant, observez les réglementations en vigueur en matière de sécurité.
3. Pour enlever le condensateur, reportez-vous à la notice de réparation du véhicule.
4. Pour éviter la formation d'humidité dans le système, bouchez immédiatement les raccords ouverts après avoir déconnectés les durites.
5. Remplacez toujours la bouteille déshydratante.

Réapprovisionnement en huile

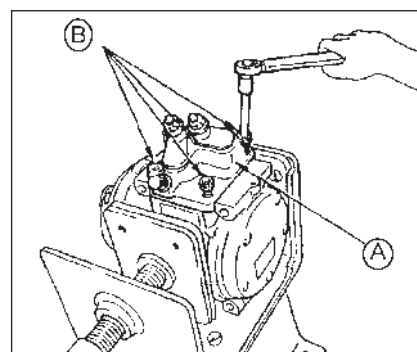
Lors du remplacement d'un condensateur, il convient de tenir compte du fait que l'ancien condensateur contient toujours de l'huile résiduelle, généralement 40 cm³. Une quantité équivalente doit être ajoutée au système après le remplacement du condensateur.

Tableau d'identification de l'huile du condensateur

Type de condensateur	Type de réfrigérant	Type d'huile
	HFC134a (R134a)	DENSO-ND-8 ou équivalent
	CFC12 (R-12)	DENSO-ND-6 ou équivalent

Installation du condensateur

1. Installez le condensateur avec les écrous et boulons d'origine, et serrez selon le couple spécifié.
2. Lubrifiez et installez de nouveaux joints toriques sur le tube de gaz et le tube de liquide.
3. Raccordez le tuyau et le tube au condensateur et serrez selon le couple spécifié, comme décrit dans la notice de réparation du véhicule.



- 1) Enlevez le valve service (A).
- 2) Enlevez l'huile en excès.
- 3) Installez le valve service.
- 4) Serrer des boulons (B) au couple préconisé.

E

Precauciones al demontar el Compresor

1. Para vaciar el refrigerante de la unidad del aire acondicionado, utilice un equipo de vaciado autorizado.
2. Para la manipulación del refrigerante, atégase a la normativa.
3. Para desmontar el Compresor, consulte el correspondiente manual de reparaciones de vehículo.
4. Al separar las tuberías flexibles, cubra inmediatamente los orificios descubiertos para que no pueda entrar humedad en el sistema.
5. Siempre instale un nuevo filtros deshidratadores.

Procedimiento de inspección del aceite del Compresor

Antes de montar el Compresor nuevo, compruebe la cantidad de aceite del Compresor necesario para el sistema. Atégase al procedimiento detallado a continuación;

Exemple	
A - B = Cantidad de aceite a vaciar del Compresor nuevo	
A (Compresor nuevo)	= 120 cc (4.22 fl oz)
B (Compresor antiguo)	= 50 cc (1.76 fl oz)
Cantidad de aceite a vaciar del Compresor nuevo	= 70 cc (2.46 fl oz)

fig.1

Tarjeta de identificación del aceite del Compresor

Compresor	Refrigerante	Aceite
10pa, 7sb, 6se, Sc, 6ca series	Hfc134a (r-134a)	Denso-oil 8 O equivalente
	Cfc12 (r-12)	Denso-oil 6 O equivalente
Tv series	Hfc134a (r-134a)	Denso-oil 9 O equivalente

fig.2

Procedimiento de instalación del Compresor

1. Reduzca lenta y totalmente la presión de la válvula de situada en la placa de válvula de servicio.
2. Coloque el Compresor con la válvula de servicio colocada encima desmonte la válvula de servicio y la(s) junta(s) de los perno de fijación (fig. 3, véase pag. 14).
3. Vacíe del Compresor nuevo el exceso de aceite calculado por medio del procedimiento de inspección del aceite detallado arriba (fig.1).
4. Instale la válvula de servicio con perno originales y apriételos al par especificado según se indica en el correspondiente manual de reparaciones de vehículo (fig. 3, véase pag. 14).
5. Para montar el Compresor en el vehículo, consulte el correspondiente manual de reparaciones de vehículo.
6. Lubrique y monte juntas tóricas nuevas en las tuberías de aspiración y descarga.
7. Acople las tuberías flexibles al Compresor y apriételas al par especificado según se indica en el correspondiente manual de reparaciones de vehículo.

Precauciones al extraer el condensador

1. Para recuperar refrigerante de la unidad A/C, utilice exclusivamente equipo de recuperación certificado.
2. Cuando maneje el refrigerante, observe las normas legales de seguridad correspondientes.
3. Para extraer el condensador, siga las instrucciones del manual de reparación del vehículo respectivo.
4. Para mantener el sistema sin nada de humedad, tape los empalmes abiertos justo después de desacoplar los manguitos.
5. Sustituya siempre el filtro deshidratante.

Procedimiento para rellenar de aceite el condensador

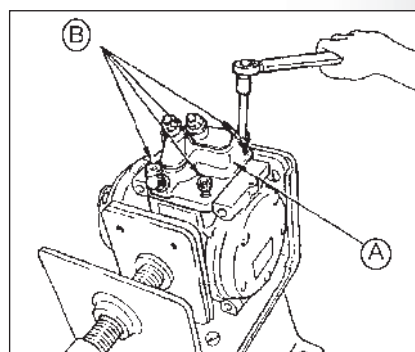
Al reemplazar un condensador, tenga en cuenta que en el condensador usado va a quedar cierta cantidad de aceite. En general, esta cantidad suele ser de unos 40cc. Se deberá añadir esta cantidad al sistema después de reemplazarse el condensador.

Tarjeta de identificación de aceite de condensador

Clase de condensador	Clase de refrigerante	Clase de aceite
	HFC134a (R134a)	DENSO-ND-8 o equivalente
	CFC12 (R-12)	DENSO-ND-6 o equivalente

Procedimiento de montaje del condensador

1. Monte el condensador con las tuercas y tornillos originales y apriete al par especificado.
2. Lubrique y monte juntas tóricas nuevas en la tubería de gas y el conducto de líquido.
3. Empalme el manguito y el conducto al condensador y apriete al par especificado tal y como se describe en el manual de reparación del vehículo.



- 1) Extraiga la válvula de servicio (A).
- 2) Vacíe el exceso de aceite.
- 3) Instale la válvula de servicio.
- 4) Apriete perno (B) a la torsión especificada.

I

Avvisi relativi alla rimozione del Compressore

1. Per recuperare il liquido di raffreddamento dal gruppo A/C, utilizzare attrezzatura di recupero certificata.
2. Per la manipolazione del liquido di raffreddamento, attenersi ai regolamenti locali in vigore.
3. Per la rimozione del Compressore, consultare il relativo manuale di riparazione veicolo.
4. Tappare subito i raccordi aperti scollegando le tubazioni flessibili per evitare l'ingresso di umidità nell'impianto.
5. Ognora sostituire filtri deidratatori.

Procedura di ispezione olio Compressore

Prima di installare il nuovo Compressore, verificare la quantità di olio per il Compressore Necessaria per il sistema. Seguire la procedura qui descritta;

Esempio	
A - B = Quantit di olio da eliminare dal nuovo Compressore	
A (Compressore nuovo)	= 120 cc (4.22 fl oz)
B (rimasto nel Compressore vecchio)	= 50 cc (1.76 fl oz)
Quantit di olio da eliminare dal nuovo Compressore	= 70 cc (2.46 fl oz)

fig.1

Tabella di identificazione oli per Compressori

Compressore	Liquido di Raffred-damento	Oli
	Hfc134a (r-134a)	Denso-oil 8 o equivalente
	Cfc12 (r-12)	Denso-oil 6 o equivalente
Tv series	Hfc134a (r-134a)	Denso-oil 9 o equivalente

fig.2

Procedura di montaggio del Compressore

1. Discostare lentamente la pressione dalla valvola di schrader sulla valvola di servizio del Compressore.
2. Posizionare il Compressore con la valvola di servizio in posizione verticale e togliere le viti di fissaggio della valvola di servizio e la/l'e tenuta/e. (fig.3)
3. Discostare dal Compressore l'olio in eccesso calcolato tramite la procedura di ispezione indicata sopra (fig.1).
4. Installare la valvola di servizio utilizzando viti originali e serrare alla coppia specificata nel relativo manuale di riparazione veicolo (fig.3).
5. Per il montaggio del Compressore sul veicolo, consultare il relativo manuale di riparazione veicolo.
6. Lubrificare e montare nuove guarnizione o-rings sulle tubazioni flessibili di aspirazione e di scarico.
7. Collegare le tubazioni flessibili al Compressore e serrare alla coppia specificata nel relativo manuale di riparazione veicolo.

Precauzioni per la rimozione del condensatore

1. Per recuperare il fluido di raffreddamento dall'unità A/C, utilizzare solo un'attrezzatura di recupero certificata.
2. Durante la manipolazione del fluido di raffreddamento, attenersi alle regolamentazioni di sicurezza in vigore.
3. Per rimuovere il condensatore, fare riferimento al corrispondente manuale di riparazione del veicolo.
4. Per evitare che l'umidità penetri all'interno del sistema, coprire gli orifizi restati aperti immediatamente dopo aver disconnesso i tubi.
5. Sostituire sempre il filtro/deidratatore.

Procedura di rabbocco dell'olio del condensatore

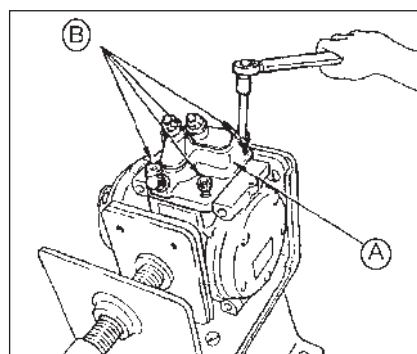
Quando si sostituisce un condensatore, tener presente che una certa quantità d'olio resterà nel vecchio condensatore. Tale quantità corrisponde abitualmente a circa 40 cc, che dovranno essere aggiunti al sistema dopo la sostituzione del condensatore.

Scheda di identificazione dell'olio del condensatore

Tipo di condensatore	Tipo di fluido di raffreddamento	Tipo d'olio
	HFC134a (R134a)	ND-8 DENSO o equivalente
	CFC12 (R-12)	ND-6 DENSO o equivalente

Procedura d'installazione del condensatore

1. Installare il condensatore per mezzo dei dadi e bulloni originali e serrare alla coppia specificata.
2. Lubrificare ed installare delle tenute o-ring nuove sulla manichetta del gas e sul tubo del fluido.
3. Connettere la manichetta ed il tubo al condensatore e serrare alla coppia specificata, come descritto nel manuale di riparazione del veicolo.



- 1) Discostare valvola di servizio (A).
- 2) Discostare l'olio in eccesso.
- 3) Installare la valvola di servizio.
- 4) Serrare le viti (B) alla coppia specificata.

GB

Retrofit CFC12 A/C Compressor to HFC134a

How to retrofit CFC12 Compressor

DENSO A/C Compressors for CFC12 systems need to be retrofitted in order to use HFC134a. Before doing so first check the Compressor type and the production date of the Compressor. This information is found on the nameplate on the back of the Compressor.

Retrofit method

Replace the Compressor oil, service valve O-rings and shaft seal. All Compressors produced before 01-1993 need to be retrofitted according to this method.

Identification

To identify which method is necessary check the production serial number on the nameplate positioned on the back of the Compressor. All Compressors with the production serial number 1N0001 or higher are produced 01-1993 onwards.

Compressor Run in Procedure

After replacing the DENSO Compressor, always follow the Run in Procedure to avoid possible Compressor damage.

RUN IN PROCEDURE	
A/C	On
Time	2-4 minutes
Engine RPM	Idle

D

Umrüstung des Kompressors CFC12 A/C auf HFC134a

So rüsten Sie den CFC12 Kompressor um

DENSO Klimakompressoren für CFC12 Systeme müssen für den Einsatz von HFC134a umgerüstet werden. Überprüfen Sie aber zuerst den Kompressortyp und das Produktionsdatum des Kompressors. Diese Information finden Sie auf dem Typenschild auf der Rückseite des Kompressors.

Nachrüstungsverfahren

Das Kompressoröl, die O-Ringe des Hauptventils und die Wellendichtung wechseln. Alle ab 01-1993 produzierten Kompressoren müssen gemäß diesem Verfahren umgerüstet werden.

Identifizierung

Um festzustellen, welches Verfahren erforderlich ist, überprüfen Sie die Produktionsseriennummer auf dem Typenschild, das sich auf der Rückseite des Kompressors befindet. Alle Kompressoren mit der Produktionsseriennummer 1N0001 oder höher wurden ab 01-1993 produziert.

Inbetriebnahmeverfahren des Kompressors

Nach Austausch des DENSO Kompressors stets das Inbetriebnahmeverfahren befolgen, um Schäden am Kompressor zu vermeiden.

INBETRIEBNAHMEVERFAHREN	
A/C	Ein
Zeit	2-4 Minuten
Motor U/Min	Leerlauf

F
Rattrapage du compresseur de climatisation CFC12 pour HFC134a
Comment procéder au ré-équipement du compresseur CFC12

Les compresseurs de climatisation DENSO pour les systèmes CFC12 doivent faire l'objet d'un ré-équipement pour utiliser du HFC134a. Avant de commencer, vérifiez d'abord le type et la date de fabrication du compresseur. Ces données sont fournies par la plaque signalétique à l'arrière du compresseur.

Méthode de rattrapage

Remplacez l'huile du compresseur, vérifiez les joints toriques de la vanne et le joint d'arbre. Tous les compresseurs fabriqués avant janvier 1993 doivent faire l'objet d'un ré-équipement selon cette méthode.

Identification

Pour savoir quelle méthode doit être appliquée, vérifiez le numéro de série figurant sur la plaque signalétique apposée à l'arrière du compresseur. Tous les compresseurs portant un numéro de série 1N0001 ou supérieur ont été fabriqués à partir de janvier 1993.

Procédure de rodage du compresseur

Après avoir remplacé le compresseur DENSO, respectez toujours la procédure de rodage pour éviter tout risque d'endommagement du compresseur.

PROCEDURE DE RODAGE

Climatisation	en marche
Temps	2-4 minutes
Vitesse du moteur	ralenti

E
Actualización del compresor para sistema de aire acondicionado CFC12 a HFC134a
Cómo actualizar el compresor CFC12

Los compresores DENSO para sistemas de aire acondicionado CFC12 requieren una actualización para poder usar HFC134a. Antes de proceder a ello, compruebe cuál es el tipo de compresor y su fecha de fabricación. Esta información se encuentra en la placa de características en la parte posterior del compresor.

Método de actualización

Cambiar el aceite del compresor, las juntas tóricas de la válvula de servicio y la junta del eje. Todos los compresores fabricados antes de enero de 1993 deben actualizarse mediante este método.

Identificación

Para identificar cuál es el método necesario, anote el número de serie de fabricación que figura en la placa de características, en la parte posterior del compresor. Todos los compresores con número de serie de fabricación 1N0001 o superior se fabricaron de enero de 1993 en adelante.

Procedimiento de rodaje del compresor

Después de reemplazar el compresor DENSO, siga el procedimiento de rodaje para evitar posibles daños al compresor.

PROCEDIMIENTO DE RODAJE

Aire acondicionado	Encendido
Tiempo	2 a 4 minutos
Revoluciones de motor	Parado

I

Retroadattamento del compressore CFC12 A/C per l'HFC134a

Come retroadattare un compressore CFC12

I compressori per C/A DENSO per sistemi CFC12 devono essere convertiti per poter impiegare l'HFC134a. Prima di procedere, verificare innanzitutto il tipo di compressore e la sua data di fabbricazione. Queste informazioni si trovano sulla targhetta d'identificazione apposta sul retro del compressore.

Metodo di conversione

Vi sono due differenti metodi di conversione di un compressore C/A DENSO:

1. Sostituzione soltanto dell'olio del compressore. Tutti i compressori fabbricati a partire dalla data 01-1993 devono essere convertiti conformemente a questo metodo (metodo 1).
2. Sostituire l'olio del compressore, ispezionare e sostituire se necessario gli anelli di tenuta O-ring della valvole, e la guarnizione dell'albero. Tutti i compressori fabbricati anteriormente alla data 01-1993 devono essere convertiti conformemente a questo metodo (metodo 2).

Identificazione

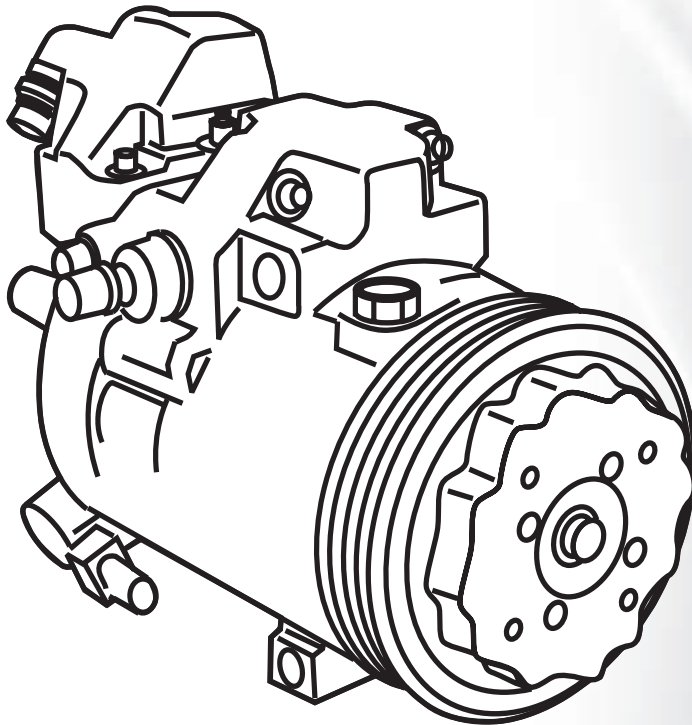
Per determinare quale metodo sia il necessario, verificare il numero di serie di fabbricazione sulla targhetta d'identificazione apposta sul retro del compressore. Tutti i compressori che presentano il numero di serie 1N0001 o superiore sono stati fabbricati a partire dalla data 01-1993.

Procedura di rodaggio del compressore

Una volta sostituito il compressore DENSO, seguire sempre la procedura di rodaggio, per evitare possibili danni al compressore stesso.

PROCEDURA DI RODAGGIO	
A/C	Acceso
Durata	2-4 minuti
Regime [G/m] del motore	Minimo

[illegible]





Refrigerant

DENSO
Short codeDENSO
P/N

ALFA ROMEO							
145	RANGE 97		97 >	TV14SC	R134A	DCP01004	447100-0590
145	1.4 16V TS	1370	12-96 >	SCS08C	R134A	DCP09001	447170-0690
145	1.4i.e 16V TS	1370 >3174686	96 >	TV12SC	R134A	DCP09009	447100-0950
145	1.6	1598	00 >	SCS08C	R134A	DCP09001	447170-0690
145	1.6i.e 16V TS	1598 >3174686	12-96 >	TV12SC	R134A	DCP09009	447100-0950
145	1.8 16V TS	>3174686	96 >	TV12SC	R134A	DCP09009	447100-0950
145	2.0i 16V TS	1970	93 >	TV14SC	R134A	DCP01004	447100-0590
145	1.9 JTD	D 1910	03-99 >	SCS08C	R134A	DCP09001	447170-0690
145	1.9 TD	D 1929 >3174686	10-94 > 02-99	TV12SC	R134A	DCP09009	447100-0950
146			97 >	TV14SC	R134A	DCP01004	447100-0590
146	1.4 16V		97 >	TV12SC	R134A	DCP09009	447100-0950
146	1.4 16V TS		12-96 >	SCS08C	R134A	DCP09001	447170-0690
146	1.6 16V		97 >	TV12SC	R134A	DCP09009	447100-0950
146	1.8 16V		97 >	TV12SC	R134A	DCP09009	447100-0950
146	2.0 16V TS		94 >	TV14SC	R134A	DCP01004	447100-0590
146	1.9 JTD	1910	03-99 >	SCS08C	R134A	DCP09001	447170-0690
147	1.9 M-Jet 8V		02 >	(SCS06-SSL) SSL12C-J	R134A	DCP09008	447170-8960
147	1.9 M-Jet 16V		02 >	(SCS06-SSL) SSL12C-J	R134A	DCP09008	447170-8960
155	1.6 TS 16V	1598	05-96 > 01-98	TV12SC	R134A	DCP09009	447100-0950
155	1.8 TS	1756	02-92 > 12-97	TV12SC	R134A	DCP09009	447100-0950
155	2.0i 16V TS	1970	91 >	TV14SC	R134A	DCP01004	447100-0590
155	2.5i V6	2492	91 > 12-95	TV14SC	R134A	DCP01004	447100-0590
156	2.4 JTD CF2	2387	00 >	7SBU16C	R134A	DCP01001	447170-6300
156	2.4 JTD (932)	2387 AR 32501	10-97 >	TV12SC	R134A	DCP01002	447100-1200
166	2.4 JTD		98 > 00	7SBU16C	R134A	DCP01001	447170-6300
166	2.4 JTD (936)	2387 AR 36202	01-00 >	7SBU16C	R134A	DCP01001	447170-6300
GTV	2.0i 16V TS		91 > 01-97	TV14SC	R134A	DCP01004	447100-0590
MITO	1.4 16V	1368 cc. Fire	08 >	SSL12C	R134A	DCP09016	447190-2150
MITO	1.4 T-Jet 16V	120- 150 HP turbo	08 >	SSL12	R134A	DCP09020	447190-9700
MITO	1.8 GDI		08 >	SSL12	R134A	DCP01015	447160-1120
SPIDER	2.0i 16V TS		91 >	TV14SC	R134A	DCP01004	447100-0590
ASTON MARTIN							
DB9	6.0 L V12		04 > 06	5SA12C	R134A	DCP11008	447180-7460
AUDI							
80 AVANT	2.3E Estate	2309 5 Cyl OHC	07-92 >	10P17C	R12	DCP02001	147100-1600
80 III	2.0E	1984 4 Cyl OHC	08-88 > 10-90	10P17C	R12	DCP02001	147100-1600
80 IV	2.3E	2309 5 Cyl OHC	09-91 > 92	10P17C	R12	DCP02001	147100-1600
90 II	2.3E 20V	2309 7A	08-88 > 07-91	10P17C	R12	DCP02002	147100-2890
200	2.2 Turbo (44.44Q)	2226 5 Cyl OHC	03-89 > 12-90	10P17C	R12	DCP02002	147100-2890
A2	1.4	AUA/BBY	03-00 > 07-05	6SEU12C	R134A	DCP02007	447190-4320
A2	1.6 FSI	BAD	05-02 > 07-05	6SEU12C	R134A	DCP02007	447190-4320
A2	1.2 TDI	ANY	03-01 > 07-05	6SEU12C	R134A	DCP02007	447190-4320
A2	1.4 TDI	AMF/BHC	03-00 > 07-05	6SEU12C	R134A	DCP02007	447190-4320
A2	1.4 TDI	ATL	09-03 > 07-05	6SEU12C	R134A	DCP02007	447190-4320
A3	1.8 TFSI			6SEU14C	R134A	DCP02050	447190-9200
A3	1.4	R4 1390	09-01 >	7SEU16C	R134A	DCP32002	447190-8710
A3	1.4	CAXC	06-07 >	7SEU17C	R134A	DCP32045	447190-7950
A3	1.6	BGU/BSE/BSF	06-03 >	7SEU17C	R134A	DCP32045	447190-7950
A3	1.6 FSI	BAG/BLF/BLP	06-03 >	7SEU17C	R134A	DCP32045	447190-7950
A3	2.0 FSI	AXW/BLR/BLX/BLY/BMB/BVY/BVZ	06-03 >	7SEU17C	R134A	DCP32045	447190-7950
A3	2.0 TFSI	AXX/CAWB	06-04 >	7SEU17C	R134A	DCP32045	447190-7950
A3	2.0 TFSI	AXX	06-04 > 10-05	7SEU17C	R134A	DCP32045	447190-7950
A3 Cabrio	1.8/2.0 FSI	BZB/CAWB	04-08 >	7SEU17C	R134A	DCP32045	447190-7950
A3 Quattro	2.0 TFSI	AXX/BWA	06-04 >	7SEU17C	R134A	DCP32045	447190-7950
A3 Quattro	3.2	BDB/BMJ	07-03 > 10-05	7SEU17C	R134A	DCP32045	447190-7950
A3	1.6	R4 1598	09-01 >	7SEU16C	R134A	DCP32002	447190-8710
A3	1.9 TDI	R4 1869	02-02 >	7SEU16C	R134A	DCP32003	447190-8720
A3	2.0 TDI	R4 1968	02-02 >	7SEU16C	R134A	DCP32003	447190-8720
A4		VR5	08-98 >	7SBU16C	R134A	DCP32001	447160-0320
A4	2.0	R4 / V6	07-02 >	6SEU12C	R134A	DCP02012	447150-0560
A4	3.0	R4 / V6	07-02 >	6SEU12C	R134A	DCP02012	447150-0560
A4	A4	V8, V6	99 >	7SBU16C	R134A	DCP02005	447190-4310
A4	1.6	ADP/AHL/ALZ/ANA/ARM	10-94 > 09-00	7SBU16C	R134A	DCP02006	447160-0260
A4	1.6	ADP/AHL/ALZ/ANA/ARM	10-94 > 09-00	7SBU16C	R134A	DCP02006	447160-0260
A4	1.6	ADP/AHL/ALZ/ANA/ARM	10-94 > 09-00	7SBU16C	R134A	DCP02006	447160-0260
A4	1.6	ADP/AHL/ALZ/ANA/ARM	01-96 > 09-00	7SBU16C	R134A	DCP02006	447160-0260
A4	1.6	ADP/AHL/ALZ/ANA/ARM	01-96 > 09-00	7SBU16C	R134A	DCP02006	447160-0260
A4	1.6	ADP/AHL/ALZ/ANA/ARM	01-96 > 09-00	7SBU16C	R134A	DCP02006	447160-0260
A4	1.6	ALZ	10-00 > 10-04	7SBU16C	R134A	DCP02006	447160-0260
A4	1.6	ALZ	06-01 > 10-04	7SBU16C	R134A	DCP02006	447160-0260



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A4	1.8 Turbo	AEB/ANB/APU/AWT	10-95 > 09-00	7SBU16C	R134A	DCP02006	447160-0260
A4	1.8 Turbo	AEB/ANB/APU/ARK/AWT	10-95 > 09-00	7SBU16C	R134A	DCP02006	447160-0260
A4	1.9 TDI	AJM	03-99 > 09-00	7SBU16C	R134A	DCP02006	447160-0260
A4	2.0 R4			7SEU16C	R134A	DCP02025	447180-6730
A4	2.0 R4			6SEU14C	R134A	DCP02041	447190-6680
A4	2.0 R4			6SEU14C	R134A	DCP02042	447190-6900
A4	2.0 R4			7SEU16C	R134A	DCP02045	447190-7780
A4	3.0 VR6			7SEU16C	R134A	DCP02045	447190-7780
A4	2.0 R4			6SEU12C	R134A	DCP02048	447190-8050
A4	A4 2.5	2500 V6, TDI	99 >	7SBU16C	R134A	DCP02004	447190-5670
A4	3.0 MPI			7SEU17C	R134A	DCP02034	447190-6390
A4	3.0 V6			7SEU16C	R134A	DCP02025	447180-6730
A4	3.0 V6 COLD		08-03 >	6SEU14C	R134A	DCP02028	447190-9570
A4	2.4	AMM	10-00 > 10-04	7SEU17C	R134A	DCP02027	447150-0120
A4	2.4	BDV	07-01 > 10-04	7SEU17C	R134A	DCP02027	447150-0120
A4	3.0	ASN/AVK	10-00 > 10-04	7SEU17C	R134A	DCP02027	447150-0120
A4	3.0	BBJ	04-01 > 10-04	7SEU17C	R134A	DCP02027	447150-0120
A4 Cabrio	2.4	AMM	04-02 > 12-04	7SEU17C	R134A	DCP02027	447150-0120
A4 Cabrio	2.4	BDV	04-02 > 12-05	7SEU17C	R134A	DCP02027	447150-0120
A4 Cabrio	3.0	ASN/BBJ	04-02 > 12-05	7SEU17C	R134A	DCP02027	447150-0120
A4	3.0 VR6			7SEU16C	R134A	DCP02046	447190-7790
A4	3.0 VR6			6SEU12C	R134A	DCP02048	447190-8050
A4	3.2 FSI			7SEU17C	R134A	DCP02033	447190-6380
A4	3.2 FSI V6			6SEU14C	R134A	DCP02029	447190-3400
A4	3.2 FSI V6			6SEU14C	R134A	DCP02043	447190-6910
A4	1.9 TDI PD 96kW	1896, AVF, AWX	10-00 > 10-04	7SEU16C	R134A	DCP02010	447150-0100
A4	1.9 TDI PD 74kW	1896, AVB	04-01 > 05-04	7SEU16C	R134A	DCP02010	447150-0100
A4 Quattro	1.9 TDI PD 96kW	1896, AVF	04-01 > 10-04	7SEU16C	R134A	DCP02010	447150-0100
A4	TDI V6			6SEU12C	R134A	DCP02023	447150-1190
A4	1.9 TDI R4			6SEU12C	R134A	DCP02024	447180-6720
A4	1.9 TDI R4			7SEU16C	R134A	DCP02026	447150-0600
A4	1.9 TDI R4			6SEU14C	R134A	DCP02041	447190-6680
A4	1.9 TDI R4			6SEU14C	R134A	DCP02042	447190-6900
A4	1.9 TDI V6	1896 AVB	11-00 >	6SEU12C	R134A	DCP02008	447190-8680
A4	2.0 TDI (B7)	1968 R4 TDI	06 > 08	6SEU14C	R134A	DCP02052	447190-9750
A4	2.5 TDI V6			6SEU14C	R134A	DCP02039	447190-6480
A4	3.0 TDI V6			6SEU14C	R134A	DCP02038	447150-1600
A4	3.0 TDI V6			6SEU14C	R134A	DCP02044	447190-6930
A6	1.9 TDI R4	AVF/AWX	06-01 > 07-04	7SEU16C	R134A	DCP02011	447150-0110
A6	A6	V8, V6	99 >	7SBU16C	R134A	DCP02005	447190-4310
A6	1.8	AFY	05-97 > 05-00	7SBU16C	R134A	DCP02006	447160-0260
A6	1.8 T	AEB/ANB/APU/ARK/AWT	05-97 > 07-04	7SBU16C	R134A	DCP02006	447160-0260
A6	1.8 T	AEB/ANB/APU/ARK/AWT	05-97 > 07-04	7SBU16C	R134A	DCP02006	447160-0260
A6	1.8 T	AJL	11-97 > 10-00	7SBU16C	R134A	DCP02006	447160-0260
A6	1.8	AFY	02-98 > 05-00	7SBU16C	R134A	DCP02006	447160-0260
A6	1.8 T	AEB/ANB/APU/ARK/AWT	02-98 > 07-04	7SBU16C	R134A	DCP02006	447160-0260
A6	1.8 T	AEB/ANB/APU/ARK/AWT	02-98 > 07-04	7SBU16C	R134A	DCP02006	447160-0260
A6	1.9 TDI 81kW	AFN/AVG	02-98 > 10-00	7SBU16C	R134A	DCP02006	447160-0260
A6	1.9 TDI 85kW	AJM	11-00 > 05-01	7SBU16C	R134A	DCP02006	447160-0260
A6 Quattro	1.8 T	AEB/ANB/APU/ARK/AWT	05-97 > 07-04	7SBU16C	R134A	DCP02006	447160-0260
A6 Quattro	1.8 T	AEB/ANB/APU/ARK/AWT	05-97 > 07-04	7SBU16C	R134A	DCP02006	447160-0260
A6 Quattro	1.8 T	AJL	11-97 > 07-00	7SBU16C	R134A	DCP02006	447160-0260
A6 Quattro	1.8 T	AJL	02-98 > 07-00	7SBU16C	R134A	DCP02006	447160-0260
A6 Quattro	1.8 T	AJL	02-98 > 07-00	7SBU16C	R134A	DCP02006	447160-0260
A6 Quattro	1.8 T	AEB/ANB/APU/ARK/AWT	02-98 > 07-04	7SBU16C	R134A	DCP02006	447160-0260
A6	V6			7SEU16C	R134A	DCP02046	447190-7790
A6	2.0T R4 FSI			6SEU14C	R134A	DCP02040	447190-6670
A6	2.4 MPI V6			6SEU14C	R134A	DCP02036	447190-6420
A6	3.0 MPI V6			6SEU14C	R134A	DCP02016	447190-6430
A6	3.2 FSI V6			6SEU14C	R134A	DCP02036	447190-6420
A6	3.2 V6 FSI		10-04 >	6SEU14C	R134A	DCP02016	447190-6430
A6	4.2	V8 MPI 4172	12-02 >	7SEU17C	R134A	DCP02015	447190-9610
A6	4.2 V8	FSI	04 > 06	7SEU17C	R134A	DCP02053	447190-3320
A6	2.0 TDI R4			6SEU14C	R134A	DCP02040	447190-6670
A6	2.5 TDI	2500 V6	99 >	7SBU16C	R134A	DCP02004	447190-5670
A6	2.5 TDI V6	2460	07-00 >	6SEU12C	R134A	DCP02013	447190-9560
A6	TDI V6		12-02 >	6SEU14C	R134A	DCP02014	447190-6450
A6	3.0 TDI V6			6SEU14C	R134A	DCP02037	447190-6440
A8	V8, V6		99 >	7SBU16C	R134A	DCP02005	447190-4310
A8	3.0 MPI V6			7SEU16C	R134A	DCP02022	447150-0580
A8	3.0 V6			7SEU17C	R134A	DCP02032	447190-6370
A8	3.2 FSI V6			7SEU17C	R134A	DCP02031	447190-6360



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A8	V6	ASN	08-03 >	7SEU16C	R134A	DCP02009	447190-9580
A8	V8	BDP	08-03 >	7SEU16C	R134A	DCP02009	447190-9580
A8	2.5 TDI V6		99 >	7SBU16C	R134A	DCP02004	447190-5670
A8	3.0 TDI V6			6SEU14C	R134A	DCP02035	447190-6410
TT	VR6			6SEU14C	R134A	DCP02030	447190-5980
V6	TDI			7SBU16C	R134A	DCP02047	447190-7830
V8	4.2 quattro	4172 ABH	10-91 > 02-94	10P17C	R12	DCP02003	247100-4080
A6	3.2	FSI	08-04 >	6SEU14C	R134A	DCP02016	447190-4910
A6	3.2	FSI	08-04 >	6SEU14C	R134A	DCP02016	447190-4910
A6	3.2 Quattro	FSI	08-04 >	6SEU14C	R134A	DCP02016	447190-4910
A6	3.2 Quattro	FSI	08-04 >	6SEU14C	R134A	DCP02016	447190-4910
A6	Allroad		02 > 05	7SEU17C	R134A		447190-8690
BMW							
1 E87	2.0 B	M47 TU2D20	08-04 > 02-07	5SE12C	R134A	DCP05041	447180-9590
1 E87	118D M47		07-05 >	5SE12C	R134A	DCP05026	447190-6260
1 E87	120D M47		07-05 >	5SE12C	R134A	DCP05026	447190-6260
3 E36	316i	1595 M40 B16	09-90 > 09-93	10PA17C	R134A	DCP05007	447170-3820
3 E36	316i	1596 M43 B16	07-93 > 02-98	10PA17C	R134A	DCP05003	447170-3770
3 E36	318i	1796 M40 B18	90 > 94	10PA17C	R134A	DCP05007	447170-3820
3 E36	318is	1796 M42 B18	93 > 95	10PA17C	R134A	DCP05003	447170-3770
3 E36	320i	1991 M50 B20	09-92 > 12-99	10PA17C	R134A	DCP05003	447170-3770
3 E36	325i	2494 M50 B25	09-92 > 04-93	10PA17C	R134A	DCP05004	447170-3780
3 E36	325i Cabrio	2494 M50 B25	92 > 95	10PA17C	R134A	DCP05003	447170-3770
3 E36	325i Coupe	2494 M50 B25	91 > 95	10PA17C	R134A	DCP05003	447170-3770
3 E36	328i	2793 M52 B28	95 > 99	10PA17C	R134A	DCP05004	447170-3780
3 E36	325td	2498 M51 D25	09-92 > 04-93	10PA17C	R134A	DCP05004	447170-3780
3 E36	325td	2498 M51 D25	01-96 > 98	10PA17C	R134A	DCP05010	447170-3860
3 E36	325tds	2498 M51 D25	93 > 95	10PA17C	R134A	DCP05003	447170-3770
3 E36	325tds	2498 M51 D25	96 > 99	10PA17C	R134A	DCP05010	447170-3860
3 E46	328i	2793 M52 B28 (6 Cyl DOHC)	02-98 > 06-00	7SBU16C	R134A	DCP05014	447190-9440
3 E46	330 d	M57 TUD30	04 > 06	7SBU16C	R134A	DCP05040	447180-3140
3 E90	325i	N52 B25	03-95 >	7SEU17C	R134A	DCP05036	447190-8540
3 E90	325 d	M57TU2D30	06 >	7SBU16C	R134A	DCP05034	447190-7880
3 E90	330 d	M57 TU2D30	05 > 06	7SEU17C	R134A	DCP05037	447190-9340
3 E90	335i	N54 B30	06 >	7SEU17C	R134A	DCP05033	447190-6870
3 E90	335 d	M57 TU2D30	06 >	7SEU17C	R134A	DCP05035	447190-8070
3 E90		N52	07 >	7SEU17C	R134A	DCP05045	447150-0160
5 E34	518i	1796 M40 B18	09-92 > 94	10PA17C	R134A	DCP05002	447170-3760
5 E34	520i	1990 M50 B20	09-92 > 95	10PA17C	R134A	DCP05003	447170-3770
5 E34	525i	2494 M20 B25	09-92 > 95	10PA17C	R134A	DCP05003	447170-3770
5 E34	530i	2997 M60 B30 (V8 DOHC)	90 > 96	10PA17C	R134A	DCP05001	447170-3750
5 E34	535i	3430 M30 B35	88 > 92	10PA17C	R134A	DCP05001	447170-3750
5 E34	540i	3982 M60 B40 (V8 DOHC)	92 > 95	10PA17C	R134A	DCP05001	447170-3750
5 E34	524td	2443 M21 D24	88 > 91	10PA17C	R134A	DCP05012	447170-3930
5 E34	525tds	2498 M51 D25 (6 Cyl OHC)	09-92 > 05-93	10PA17C	R134A	DCP05004	447170-3780
5 E39	5 SERIES	M62		7SBU16C	R134A	DCP05016	447160-0340
5 E39	520i	1991 M52 B20 (6 Cyl DOHC)	95 > 97	7SBU16C	R134A	DCP05018	447170-9240
5 E39	520i	1991 M52 B20 (6 Cyl DOHC)	97 >	7SBU16C	R134A	DCP05014	447190-9440
5 E39	523i	2494 M52 B25 (6 Cyl DOHC)	95 > 97	7SBU16C	R134A	DCP05018	447170-9240
5 E39	523i	2494 M52 B25 (6 Cyl DOHC)	97 >	7SBU16C	R134A	DCP05014	447190-9440
5 E39	525	2498 M51	98 >	7SBU16C	R134A	DCP05013	447190-4600
5 E39	528i	2793 M52 B28 (6 Cyl DOHC)	95 > 97	7SBU16C	R134A	DCP05018	447170-9240
5 E39	528i	2793 M52 B28 (6 Cyl DOHC)	97 >	7SBU16C	R134A	DCP05014	447190-9440
5 E39	535i	3498 M62 B35 (V8 DOHC)	96 >	7SB16C	R134A	DCP05019	447170-9250
5 E39	540i	4398 M62 B44 (V8 DOHC)	96 >	7SB16C	R134A	DCP05019	447170-9250
5 E39	525td(s)	2498 M51 D25 (6 Cyl OHC)	95 > 00	7SBU16C	R134A	DCP05017	447170-9230
5 E39	530 d	2926 M57	08-98 > 09-00	7SBU16C	R134A	DCP05015	447190-9450
5 E60		M54	07-02 >	7SEU17C	R134A	DCP05020	447190-7210
5 E60	540i	N62 B40	08-05 >	7SEU17C	R134A	DCP05032	447150-0150
5 E60	545i	N62 B44	05 >	7SEU17C	R134A	DCP05032	447150-0150
5 E60	550i	N62 B48	06 >	7SEU17C	R134A	DCP05032	447150-0150
5 E60		M57	07-02 >	7SEU17C	R134A	DCP05020	447190-7210
5 E60	520 d	M47 TU2D20	10-04 > 01-07	7SEU17C	R134A	DCP05042	447190-2570
5 E60	525 d	M57 TUD25	06 >	7SBU16C	R134A	DCP05034	447190-7880
5 E60	525 d	M57 TUD25	05 > 06	7SEU17C	R134A	DCP05037	447190-9340
5 E60	530 d	M57 TUD30	06 >	7SBU16C	R134A	DCP05034	447190-7880
5 E60	530 d	M57 TUD30	05 > 06	7SEU17C	R134A	DCP05037	447190-9340
5 E60	535 d	M57 TUD30	06 >	7SBU16C	R134A	DCP05034	447190-7880
5 E60	535 d	M57 TUD30	05 > 06	7SEU17C	R134A	DCP05037	447190-9340
E63		M54	07-02 >	7SEU17C	R134A	DCP05020	447190-7210
E63		M57	07-02 >	7SEU17C	R134A	DCP05020	447190-7210



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6 E63	645 csi	N62 B44	05 >	7SEU17C	R134A	DCP05032	447150-0150
6 E63	650 csi	N62 B48	06 >	7SEU17C	R134A	DCP05032	447150-0150
7 E32	730i	2997 M60 B30	92 > 93	10PA17C	R134A	DCP05001	447170-3750
7 E32	740i	3982 M60 B40	92 > 93	10PA17C	R134A	DCP05001	447170-3750
7 E38	728i	2793 M52 B28	95 >	7SBU16C	R134A	DCP05018	447170-9240
7 E38	730	5576 M73	97 >	10PA17C	R134A	DCP05009	447170-3840
7 E38	730i	2997 M60 B30	94 > 96	10PA17C	R134A	DCP05008	447170-3830
7 E38	735i	3498 M62 B35	96 >	7SB16C	R134A	DCP05019	447170-9250
7 E38	7 Series	3498 M62		7SBU16C	R134A	DCP05016	447160-0340
7 E38	740	5576 M73	97 >	10PA17C	R134A	DCP05009	447170-3840
7 E38	740i	3982 M60 B40	94 > 96	10PA17C	R134A	DCP05008	447170-3830
7 E38	7 Series	4398 M62		7SBU16C	R134A	DCP05016	447160-0340
7 E38	750i	4988 M70 B50 (V12 OHC)	90 > 94	10PA17C	R134A	DCP05006	447170-3810
7 E38	725tds	2498 M51 D25	95 > 98	7SBU16C	R134A	DCP05017	447170-9230
7 E38	730 d	2926 M57	08-98 > 04-00	7SBU16C	R134A	DCP05015	447190-9450
7 E65		M54	07-02 >	7SEU17C	R134A	DCP05020	447190-7210
7 E65		N62	11-02 >	7SEU17C	R134A	DCP05021	447190-9650
7 E65	740i	N62 B40	05 >	7SEU17C	R134A	DCP05032	447150-0150
7 E65	745 i	N62 B44	05 >	7SEU17C	R134A	DCP05032	447150-0150
7 E65	750i	N62 B48	05 >	7SEU17C	R134A	DCP05032	447150-0150
7 E65		M57	07-02 >	7SEU17C	R134A	DCP05020	447190-7210
7 E65	745 d	M67 D44	05 > 06	7SEU17C	R134A	DCP05042	447190-2570
7 E67	760 LiS Limousine	N73 B60	06 >	7SEU17C	R134A	DCP05038	447190-9520
8 E31	830Ci	2997 M60 B30 (V8 DOHC)	92 >	10PA17C	R134A	DCP05001	447170-3750
8 E31	840Ci	3982 M60 B40 (V8 DOHC)	90 > 96	10PA17C	R134A	DCP05001	447170-3750
8 E31	840Ci	4398 M60 B44 (V8 DOHC)	96 >	10PA17C	R134A	DCP05001	447170-3750
8 E31	850Ci	4988 M70 B50 (V12 OHC)	90 > 94	10PA17C	R134A	DCP05006	447170-3810
8 E31	850i	4988 M70 B50 (V12 OHC)	90 > 94	10PA17C	R134A	DCP05006	447170-3810
8 E31	850CSi	5576 S70 B56 (V12 OHC)	92 > 96	10PA17C	R134A	DCP05006	447170-3810
X3 E83	X3 2.5 si	N52B25	01-04 >	7SBU16C	R134A	DCP05031	447190-2560
X3 E83	X3 3.0	N52B30	01-04 >	7SBU16C	R134A	DCP05031	447190-2560
X3 E83	X3 2.5 / 3.0		04 > 06	7SBU16C	R134A	DCP05039	447180-3130
X3 E83	X3 3.0 d	M57 TUD30	04 > 06	7SBU16C	R134A	DCP05040	447180-3140
X5 E53				10S17C	R134A	DCP05025	447170-5890
X5 E53	X5 3.0 i	M54B30	05-00 > 10-06	10S17C	R134A	DCP05046	447170-8180
X5 E53	X5 4.4 i	M62TUB44 / N62B44	05-00 > 10-06	10S17C	R134A	DCP05046	447170-8180
X5 E53	X5 4.6 is	N52B	05-00 > 10-06	10S17C	R134A	DCP05046	447170-8180
X5 E53	X5 4.8 is	N62B48	05-00 > 10-06	10S17C	R134A	DCP05046	447170-8180
X5 E53	X5 3.0 d	M57D30 / M57TUD30	05-00 > 10-06	10S17C	R134A	DCP05046	447170-8180
BMW MINI							
ONE		R50	11-01 >	5SA09C	R134A	DCP05022	447180-4760
CHRYSLER							
CONCORDE	3.2 V6		98 > 99	10PA17C	R134A	DCP06007	447100-7070
CONCORDE	3.3 V6		93 > 97	10PA17C	R134A	DCP06007	447100-7070
CONCORDE	3.5 V6		93 > 97	10PA17C	R134A	DCP06007	447100-7070
LEBARON	2.5 L4			10PA17C	R134A	DCP06002	447100-4080
NEON	2.0 L4		97 > 99	10PA17C	R134A	DCP06009	447180-3960
NEW YORKER . FIFTH AVENUE	t.t. V6	all		10PA17C	R134A	DCP06007	447100-7070
NEW YORKER . FIFTH AVENUE	3.5 V6		94 > 96	10PA17C	R134A	DCP06007	447100-7070
PT	1.6	1,6 01PT PL41	02-99 >	10S15M	R134A	DCP06010	447170-9050
PT	PT Cruiser		01 > 06	10S17C	R134A	DCP06012	447170-9480
VOYAGER . GRAND VOYAGER	2.4 L4 (w.rear a.c)		96 > 00	10PA17J	R134A	DCP06006	447180-3990
VOYAGER . GRAND VOYAGER	2.4 L4 (wo.rear a.c)		96 > 00	10PA17C	R134A	DCP06003	447180-3920
VOYAGER . GRAND VOYAGER	2.5 L4		94 > 95	10PA17C	R134A	DCP06001	447100-2430
VOYAGER . GRAND VOYAGER	3.0 V6 (w.rear a.c)		96 > 00	10PA17J	R134A	DCP06006	447180-3990
VOYAGER . GRAND VOYAGER	3.0 V6 (wo.rear a.c)		96 > 00	10PA17C	R134A	DCP06004	447100-6600
VOYAGER . GRAND VOYAGER	3.0 V6 (wo.rear a.c)		96 > 00	10PA17J	R134A	DCP06005	447100-6610
VOYAGER . GRAND VOYAGER	3.3 V6 (w.rear a.c)		96 > 00	10PA17J	R134A	DCP06006	447180-3990
VOYAGER . GRAND VOYAGER	3.3 V6 (wo.rear a.c)		96 > 00	10PA17J	R134A	DCP06005	447100-6610
VOYAGER . GRAND VOYAGER	3.8 V6 (w.rear a.c)		96 > 00	10PA17J	R134A	DCP06006	447180-3990
VOYAGER . GRAND VOYAGER	3.8 V6 (wo.rear a.c)		96 > 00	10PA17J	R134A	DCP06005	447100-6610
CITROEN							
C4	1.4 16V		04-07 >	5SEL12C	R134A	DCP21010	447190-8110
C4	1.6 BERLINA SEDAN		04-07 >	5SEL12C	R134A	DCP21010	447190-8110
C4	1.6 SEDAN		04-07 >	6SEL16C	R134A	DCP21011	447190-8120
C4 PICASSO			04-07 >	6SEL16C	R134A	DCP21011	447190-8120
C4 PICASSO	B58 (A/C option)		04-07 >	6SEL16C	R134A	DCP07008	447150-0220



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DODGE						
CARAVAN . GRAND CARAVAN	2.4 L4 (w.rear a.c)		96 > 00	10PA17J	R134A	DCP06006 447180-3990
CARAVAN . GRAND CARAVAN	2.4 L4 (wo.rear a.c)		96 > 00	10PA17C	R134A	DCP06003 447180-3920
CARAVAN . GRAND CARAVAN	2.5 L4		94 > 95	10PA17C	R134A	DCP06001 447100-2430
CARAVAN . GRAND CARAVAN	3.0 V6 (w.rear a.c)		96 > 00	10PA17J	R134A	DCP06006 447180-3990
CARAVAN . GRAND CARAVAN	3.0 V6 (wo.rear a.c)		96 > 00	10PA17C	R134A	DCP06004 447100-6600
CARAVAN . GRAND CARAVAN	3.3 V6 (w.rear a.c)		96 > 00	10PA17J	R134A	DCP06006 447180-3990
CARAVAN . GRAND CARAVAN	3.3 V6 (wo.rear a.c)		96 > 00	10PA17J	R134A	DCP06005 447100-6610
CARAVAN . GRAND CARAVAN	3.8 V6 (w.rear a.c)		96 > 00	10PA17J	R134A	DCP06006 447180-3990
CARAVAN . GRAND CARAVAN	3.8 V6 (wo.rear a.c)		96 > 00	10PA17J	R134A	DCP06005 447100-6610
INTREPID	3.3 V6		93 > 97	10PA17C	R134A	DCP06007 447100-7070
INTREPID	3.5 V6		93 > 97	10PA17C	R134A	DCP06007 447100-7070
FENDT (AGCO)						
FARMER				10PA15C	R134A	DCP99502 447100-5050
FARMER	200			10P15C	R12	DCP99500 147100-9370
FARMER	300			10P15C	R12	DCP99506 147100-4770
FIAT						
500	1.3 M-Jet		07-07 >	SCS06C	R134A	DCP09003 447170-0560
BARCETTA	1.8 16V			SCS06C	R134A	DCP09003 447170-0560
BARCETTA	1.8 16V Euro 2	1747	> 12-99	TV12SC	R134A	DCP09009 447100-0950
BARCETTA	1.8 16V Euro 3	1747	01-01 >	SCS08C	R134A	DCP09001 447170-0690
BRAVA			95 > 97	TV14SC	R134A	DCP01004 447100-0590
BRAVA	1.2 16V Euro 2	1242 MPI 16V	11-98 > 10-99	SC08C	R134A	DCP09007 447170-0050
BRAVA	1.2 16V Euro 3	1242 MPI 16V	11-99 >	SC08C	R134A	DCP09005 447100-1560
BRAVA	1.4 12V	1370	09-95 >	TV12SC	R134A	DCP09009 447100-0950
BRAVA	1.6 16V	1581	09-95 >	TV12SC	R134A	DCP09006 447100-0960
BRAVA	1.8 16V	1747	09-95 > 06-99	TV12SC	R134A	DCP09009 447100-0950
BRAVA	1.9 JTD 105 cv	D 1910	11-98 > 10-00	SCS08C	R134A	DCP09001 447170-0690
BRAVA	1.9 JTD 100 cv	D 1910	11-00 >	SCS08C	R134A	DCP09001 447170-0690
BRAVA	1.9 TD 100	D 1910	11-96 >	TV12SC	R134A	DCP09009 447100-0950
BRAVA	1.9 TD 75	D 1910	11-96 >	TV12SC	R134A	DCP09009 447100-0950
BRAVO			95 > 97	TV14SC	R134A	DCP01004 447100-0590
BRAVO	1.2 16V Euro 2	1242 MPI 16V	11-98 > 10-99	SC08C	R134A	DCP09007 447170-0050
BRAVO	1.2 16V Euro 3	1242 MPI 16V	11-99 >	SC08C	R134A	DCP09005 447100-1560
BRAVO	1.4 12V	1370	09-95 >	TV12SC	R134A	DCP09009 447100-0950
BRAVO	1.6 16V	1581	09-95 >	TV12SC	R134A	DCP09006 447100-0960
BRAVO	1.8 16V	1747	09-95 > 06-99	TV12SC	R134A	DCP09009 447100-0950
BRAVO	2.0 20V	1998	09-95 >	TV12SC	R134A	DCP09011 447100-1180
BRAVO	1.9 JTD 105 cv	D 1910	11-98 > 10-00	SCS08C	R134A	DCP09001 447170-0690
BRAVO	1.9 JTD 100 cv	D 1910	11-00 >	SCS08C	R134A	DCP09001 447170-0690
BRAVO	1.9 TD 100	D 1910	11-96 >	TV12SC	R134A	DCP09009 447100-0950
BRAVO	1.9 TD 75	D 1910	11-96 >	TV12SC	R134A	DCP09009 447100-0950
BRAVO 2007	1.4 16V	1368 cc. Fire	03-07 >	SCSB06C	R134A	DCP09004 447100-1870
BRAVO 2007	1.9 M-Jet 8V		03-07 >	(SCS06-SSL) SSL12C-J	R134A	DCP09008 447170-8960
BRAVO 2007	1.4 T-Jet 16V	Fire (120-150HP)	07 >	SSL12	R134A	DCP09020 447190-9700
BRAVO 2007	1.6 M-Jet 16V		03-07 >	SSL12C	R134A	DCP09017 447190-2130
BRAVO 2007	2.0 M-Jet 16V	1956 cc.	03-07 >	SSL12	R134A	DCP13010 447160-1110
BRAVO 2007	1.8 GDI		03-07 >	SSL12	R134A	DCP01015 447160-1120
SIENA	1.7 DS / TDS			TV14EC	R134A	DCP09015 447100-0030
STILO	1.2	1200 188 A5.000	02-02 >	SCSB06C	R134A	DCP09004 447100-1870
STILO	1.6 16V	1596 182 B6.000	10-01 >	SSL12C-T	R134A	DCP09002 447170-8950
STILO	1.8 16V	CF4	01 >	(SCS06-SSL) SSL12C-J	R134A	DCP09008 447170-8960
STILO	1.2 JTD	1242	02-02 >	SCS06C	R134A	DCP09003 447170-0560
STILO	1.9 JTD	D 1910 192 A1.000	10-01 >	(SCS06-SSL) SSL12C-J	R134A	DCP09008 447170-8960
STRADA	1.2 (178E)	1242 MPI 8V FIRE	06-99 >	SC08C	R134A	DCP09007 447170-0050
STRADA	1.7 TDS (178E)	D 1698	06-99 >	TV14EC	R134A	DCP09014 447100-1530
STRADA	1.9 D	D 1910 Euro 3	01-01 >	SCS08C	R134A	DCP09001 447170-0690
FORD						
KA	1.3 TDCi		08 >	SCS06C	R134A	DCP09003 447170-0560
IVECO						
CURSOR	8 F2B	CNH models		10PA17C	R134A	DCP12005 447170-8610
CURSOR		CNH models		10PA17	R134A	DCP12006 447180-3620
NEW DAILY	2.3 JTD	F1A - F1C		10S17C	R134A	DCP12003 447180-4900
NEW DAILY	2.5 D	D 2500 85CV	99 >	SC08C	R134A	DCP12001 447100-1520
NEW DAILY	2.5 TD	D 2500 105CV	99 >	SC08C	R134A	DCP12001 447100-1520
NEW DAILY	2.8 JTD	eng.. 8140		10PA17C	R134A	DCP12004 447170-8600
NEW DAILY	2.8 TD	D 2798 130CV	99 >	SC08C	R134A	DCP12001 447100-1520
EUROTECH	F2B			10PA17C	R134A	DCP12008 447100-9750
EUROTRUCK	F2B			10PA17C	R134A	DCP12008 447100-9750



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IVECO continued							
EUROSTAR	F3			10PA17	R134A	DCP12009	447170-5430
STRALIS	F3			10PA17	R134A	DCP12009	447170-5430
JAGUAR							
XJ12	6.0 (X300)	5993 8E	94 > 02	10PA17C	R134A	DCP11001	447100-6260
XK	X103		02 > 06	10PA17C	R134A	DCP11007	447180-3190
XK8	4.0 (QEV)	3996 A 26.A 27	02-98 >	10PA17C	R134A	DCP11002	447100-8430
JEEP							
CHEROKEE	(NEW JEEP)		11-97 >	10PA17C	R134A	DCP99005	447170-5380
CHEROKEE	XJ 2.5 Diesel	2469 M51	03-95 > 12-96	10PA17C	R134A	DCP99004	447100-6290
CHEROKEE	XJ 2.5 Diesel	2469 M52	01-97 > 10-01	10PA17C	R134A	DCP99003	447100-3470
GRAND CHEROKEE	4.0 L6		93 > 98	10PA17C	R134A	DCP99001	447180-3980
GRAND CHEROKEE	5.2 V8		93 > 98	10PA17J	R134A	DCP99002	447180-3970
JOHN DEERE							
COMBINE	Combine			10PA15C	R134A	DCP99504	447100-2990
TRACTOR	6-Series			10PA15C	R134A	DCP99505	447170-8930
TRACTOR			04 >	10PA17C	R134A	DCP99511	447100-9790
TRACTOR			05 >	10PA17C	R134A	DCP99510	447100-2380
AGRICULTURE			02 > 06	10PA15C	R134A	DCP99512	447180-3480
PREMIUM	5000 / 6000		04 > 06	10PA17C	R134A	DCP99513	447180-6380
LANCIA							
DELTA 2008	1.9 Mjet BT	1910 cc.	06-08 >	5SL12	R134A	DCP13010	447160-1110
DELTA 2008	1.4 T-Jet 16V	120- 150 HP	06-08 >	5SL12	R134A	DCP09020	447190-9700
DELTA 2008	2.0 Mjet 16V	1956 cc.	06-08 >	5SL12	R134A	DCP13010	447160-1110
DELTA 2008	1.8 GDI		06-08 >	5SL12	R134A	DCP01015	447160-1120
K	2.0 i 20V	1998 vin 2087518	10-94 >	7SBU16C	R134A	DCP01001	447170-6300
K	2.0 i 20V	1998 vin 2087518	10-94 >	6CA17A	R134A	DCP13001	447100-4980
K	2.0 i Turbo 20V	1998	04-98 >	7SBU16C	R134A	DCP01001	447170-6300
K	2.4 i 20V	1998 838 B2 STEP A		7SBU16C	R134A	DCP01001	447170-6300
K	2.4 i 20V	1998	10-94 >	6CA17A	R134A	DCP13001	447100-4980
K	2.4 JTD	D 2387	04-98 >	6CA17A	R134A	DCP13001	447100-4980
K	2.4 Turbo Diesel	D 2387	10-94 > 03-98	6CA17A	R134A	DCP13001	447100-4980
LYBRA	2.0 20V	1998 Euro 2	09-99 > 12-00	TV12SC	R134A	DCP09011	447100-1180
LYBRA	2.4 JTD	D 2387	09-99 >	7SBU16C	R134A	DCP01001	447170-6300
MUSA	1.4 8V			SCS06C	R134A	DCP09004	447100-1870
MUSA	1.6 M-Jet			5SL12	R134A	DCP13005	447150-1150
MUSA	1.3 M-Jet			SCS06C	R134A	DCP09003	447170-0560
MUSA	1.9 M-Jet			SCS06C	R134A	DCP09003	447170-0560
THESIS	2.0 TB C5		03 >	7SBU16C	R134A	DCP01001	447170-6300
THESIS	2.4 JTD		03 >	7SBU16C	R134A	DCP01001	447170-6300
Y	1.1 (840A)	1108 SPI	05-97 >	SC08C	R134A	DCP09007	447170-0050
Y	1.2	8 / 16V	00 > 03	SC08C	R134A	DCP09005	447100-1560
Y	1.2 (840A)	1242	99 >	TV12EC	R134A	DCP09010	447100-0420
Y	1.2 i ECVT (840A)	1242 SPI 8V	10-97 >	SC08C	R134A	DCP09007	447170-0050
Y	1.2i 16V (840A)	1242 MPI 16V	10-97 >	SC08C	R134A	DCP09007	447170-0050
Y	1.2i (840A)	1242 SPI 8V	10-97 >	SC08C	R134A	DCP09007	447170-0050
Y	1.4 i 12V (840A)	1370 840 A4.000	03-96 >	TV12SC	R134A	DCP09009	447100-0950
YPSILON	1.2	8 / 16V CF4		SCS06C	R134A	DCP09004	447100-1870
YPSILON	1.3 JTD 16V		03 >	SCS06C	R134A	DCP09003	447170-0560
LAND ROVER							
DISCOVERY I	2.0 16V	1994 T16	09-93 > 06-94	10PA17C	R134A	DCP14003	447100-3300
DISCOVERY I	2.5 Diesel	D 2497 12L, 21L	09-89 > 06-94	10PA17C	R134A	DCP14002	447100-3290
DISCOVERY I	3.5 V8	3531, 3947 21D, 35D, 36D	09-89 > 06-94	10PA17C	R134A	DCP14001	447100-3280
DISCOVERY II	all	All	06-94 > 11-98	10PA17C	R134A	DCP14006	447170-5060
DISCOVERY III	4.0 V6 EFI		04 > 06	7SEU17C	R134A	DCP14012	447180-8360
DISCOVERY III	2.7 TD V8		04 > 06	7SEU17C	R134A	DCP14013	447180-8370
DISCOVERY III	2.7 TD (TAA)		04 > 06	7SEU17C	R134A	DCP14014	447180-8380
FREELANDER	1.8 16V	1796 K1.8	02-98 > 99	10PA17C	R134A	DCP14004	447100-9620
FREELANDER	1.8 16V	1796 K1.8	99 > 11-00	10S17C	R134A	DCP14008	447170-8290
FREELANDER	1.8 16V	1796 K1.8	11-00 > 00	7SBU16C	R134A	DCP24004	447170-8240
FREELANDER	2.0 DI	D 1994 Tcie	97 > 98	10PA17C	R134A	DCP14005	447100-9630
FREELANDER	2.0 DI	D 1994 Tcie	02-98 > 11-00	10S17C	R134A	DCP14007	447170-8280
FREELANDER	2.0 Td4	D 1951 M47R	11-00 >	7SBU17C	R134A	DCP24005	447170-8250
RANGE ROVER	2.7 TDVM SPORT		04 > 06	7SEU17C	R134A	DCP14014	447180-8380
RANGE ROVER	4.0 V8	3951, 4555 42D, 46D	94 > 02	10PA17C	R134A	DCP14006	447170-5060
LEXUS							
IS 200			01-99 > 07-05	10S15C	R134A	DCP51000	447170-5530



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LEXUS <i>continued</i>						
IS 300			01-99 > 07-05	10S15C	R134A	DCP51000 447170-5530
MCC - SMART						
FORFOUR			04 > 06	5SE09C	R134A	DCP17056 447190-3500
SMART				5SE09C	R134A	DCP17054 447190-9790
MERCEDES						
V251	R Class			7SEU17C	R134A	DCP17063 447150-0280
V251	R Class		06 >	7SEU17C	R134A	DCP17065 447190-6740
V251	R Class 350	M272 E35	06 >	7SEU17C	R134A	DCP17058 447150-0260
V251	R Class 500	M113	> 06	7SEU17C	R134A	DCP17055 447150-0270
V251	R Class 500	M113	> 06	7SEU17C	R134A	DCP17059 447150-0230
W124	E Class (124) E200	1998 M 111.940	06-92 > 07-96	10PA17C	R134A	DCP17011 447100-2070
W124	E Class (124) E220	2199 M 111.960	06-92 > 07-96	10PA17C	R134A	DCP17011 447100-2070
W124	E Class (124) E260	2599 M 103.940/943	09-85 > 10-92	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E280	2799 M 104.942	06-93 > 06-95	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E280	2799 M 104.942	06-93 > 06-95	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) 300 CE	2960 M 103.983	03-87 > 05-93	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) 300 CE	2960 M 104.980	08-89 > 12-93	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E300	2960 M 103.980, 983, 985	01-85 > 08-92	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E300	2960 M 104.980	09-88 > 08-92	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) 300 TE	2960 M 103.983, 985	06-86 > 08-92	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) 300 TE	2960 M 104.980	09-89 > 08-92	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E300	2960 M 103.985	06-93 > 06-96	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E320	3199 M 104.992	10-92 > 06-93	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E320	3199 M 104.992	06-93 > 06-96	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E320 Cabrio	3199 M 104.992	06-93 > 03-98	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E36 AMG	3606 M 104.992	05-94 > 06-96	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E36 Cabrio AMG	3606 M 104.992	05-94 > 03-98	10PA17C	R134A	DCP17010 447100-2060
W124	E Class (124) E500	4973 M 119.974	09-89 > 05-93	10PA17C	R134A	DCP17011 447100-2070
W124	E Class (124) E200 D - TD	D 1997 OM 601.912	84 > 93	10PA15C	R134A	DCP17013 447100-2200
W124	E Class (124) E200 D	D 1997 OM 601.912	06-93 > 06-95	10PA15C	R134A	DCP17013 447100-2200
W124	E Class (124) E250 D - TD	D 2497 OM 602.912/962	85 > 93	10PA15C	R134A	DCP17012 447100-2190
W124	E Class (124) E250 D	D 2497 OM 605.911	07-93 > 06-95	10PA15C	R134A	DCP17012 447100-2190
W124	E Class (124) 300 TD	2996 OM 603.912	09-86 > 06-93	10PA15C	R134A	DCP17012 447100-2190
W124	E Class (124) E300 D	D 2996 OM 606.910	06-93 > 06-96	10PA15C	R134A	DCP17012 447100-2190
W126	E Class (126) 300 SE. SEL	2960 M 103.981	09-85 > 12-89	10PA17C	R134A	DCP17010 447100-2060
W126	S Class (126) 380 SE. SEL. SEC	3839 M 116.963	12-79 > 08-85	10P17C	R134A	DCP17003 247100-5930
W126	S Class (126) 420 SE. SEL. SEC	4196 M 116.965	10-85 > 06-91	10P15C	R134A	DCP17001 247100-5910
W126	S Class (126) 420 SE. SEL. SEC	4196 M 116.965	10-85 > 06-91	10P17C	R134A	DCP17003 247100-5930
W126	S Class (126) 500SE. SEL.SEC(DOHC)		09-85 > 06-91	10P15C	R134A	DCP17001 247100-5910
W126	S Class (126) 500SE. SEL.SEC(DOHC)	4973 M 117.965	09-85 > 06-91	10P17C	R134A	DCP17003 247100-5930
W126	S Class (126) 500 SEC	4973 M 117.963	10-81 > 08-85	10P17C	R134A	DCP17003 247100-5930
W126	S Class (126) 500 SEL	4973 M 117.961, 963	12-79 > 08-85	10P17C	R134A	DCP17003 247100-5930
W126	S Class (126) 560 SE. SEL. SEC	5547 M 117.968	89 > 91	10P17C	R134A	DCP17003 247100-5930
W126	S Class (126) 560 SEL. SEC	5547 M 117.968	85 > 91	10P15C	R134A	DCP17001 247100-5910
W140	S Class (140) S320	2779 M104.990	93 > 98	10PA20C	R134A	DCP17015 447100-2650
W140	S Class (140) S280	M 104.990	06-93 > 09-98	10P20C	R134A	DCP17005 447100-3020
W140	S Class (140) S280	2799 M 104.944	02-93 > 10-98	10PA20C	R134A	DCP17006 447100-2010
W140	S Class (140) 300 SE. SEL	2799/3199M104.944,990,994	03-91 > 10-98	10PA20C	R134A	DCP17006 447100-2010
W140	S Class (140) S280	M 104.990	06-93 > 09-98	10P20C	R134A	DCP17005 447100-3020
W140	S Class (140) 400 SE. SEL	4196 M 119.971	02-91 > 10-98	10PA20C	R134A	DCP17007 447100-2020
W140	CL Class (140) CL420	4196 M 119.971 (32v)	96 > 99	10PA20C	R134A	DCP17007 447100-2020
W140	S Class (140) S420	4196 M 119.971	01-93 > 10-98	10PA20C	R134A	DCP17007 447100-2020
W140	S Class (140) 500 SE. SEL. SEC	4973 M 119.970	02-91 > 10-98	10PA20C	R134A	DCP17007 447100-2020
W140	CL Class (140) CL500	4973 M 119.970 (32v)	96 > 99	10PA20C	R134A	DCP17007 447100-2020
W140	S Class (140) S500	4973 M 119.970	01-93 > 10-98	10PA20C	R134A	DCP17007 447100-2020
W140	S Class (140) 600 SE. SEL. SEC	5987 M 120.980	91 > 93	10PA20C	R134A	DCP17006 447100-2010
W140	CL Class (140) CL600	5987 M 120.980 (48v)	96 > 99	10PA20C	R134A	DCP17006 447100-2010
W140	S Class (140) S600	5987 M 120.980	01-93 > 10-98	10PA20C	R134A	DCP17006 447100-2010
W140	S Class (140) 300 SD Turbo	3449 OM 603.971	91 > 93	10PA20C	R134A	DCP17008 447100-2030
W163	M Class FIRST GENERATION			7SBU16C	R134A	DCP17024 447190-7820
W163	M Class	M112	04 > 06	7SEU17C	R134A	DCP17055 447150-0270
W163	M Class	M113	04 > 06	7SEU17C	R134A	DCP17055 447150-0270
W164	M Class			7SEU17C	R134A	DCP17063 447150-0280
W164	M Class		06 >	7SEU17C	R134A	DCP17064 447190-8370
W164	M Class	M273	06 >	7SEU17C	R134A	DCP17058 447150-0260
W164	M Class ML280	OM642	05 >	7SEU17C	R134A	DCP17062 447150-0240
W164	M Class ML320	OM642	05 >	7SEU17C	R134A	DCP17062 447150-0240
W164	M Class ML350	M272 E35	06 >	7SEU17C	R134A	DCP17058 447150-0260
W164	M Class ML420	OM629	05 >	7SEU17C	R134A	DCP17062 447150-0240
W164	M Class ML63 AMG	M156	06 >	7SEU17C	R134A	DCP17065 447190-6740



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W168	A Class		07-98 >	6SEU14C	R134A	DCP17050	447190-9370
W168	A Class (168)		96 > 00	6SEU12C	R134A	DCP17025	447190-9360
W168	A Class 160CDi (168)	OM 668.940, 941, 942	00 >	6SEU12C	R134A	DCP17025	447190-9360
W168	A Class 170CDi (168)	OM 668.940, 941, 942	00 >	6SEU12C	R134A	DCP17025	447190-9360
W169	A Class	M266	06 >	6SEU16C	R134A	DCP17070	447190-7690
W169	A Class	OM 640	06 >	6SEU16C	R134A	DCP17071	447150-0380
W202	C Class (202) C180	1799 M 111.920, 921	03-93 > 95	6CA17C	R134A	DCP17014	447100-2480
W202	C Class (202) C180	1799 M 111.920, 921	95 > 09-00	7SBU16C	R134A	DCP17023	447190-7810
W202	C Class (202) C200	1998 M 111.941, 945	03-93 > 95	6CA17C	R134A	DCP17014	447100-2480
W202	C Class (202) C200	1998 M 111.941, 944, 945	95 > 09-00	7SBU16C	R134A	DCP17023	447190-7810
W202	C Class (202) C220	2199 M 111.961	03-93 > 95	6CA17C	R134A	DCP17014	447100-2480
W202	C Class (202) C220	2199 M 111.961	95 > 05-00	7SBU16C	R134A	DCP17023	447190-7810
W202	C Class (202) C230	2295 M 111.974, 975	10-95 > 05-00	7SBU16C	R134A	DCP17023	447190-7810
W202	C Class (202) C280 T	2799 M 112.920	06-97 > 03-01	7SBU16C	R134A	DCP17023	447190-7810
W202	C Class (202) C200 D	D 1997 OM 601.913, 915	03-93 > 09-96	6CA17C	R134A	DCP17014	447100-2480
W202	C Class (202) C200 D	D 1997 OM 601.913, 915	10-96 > 05-00	7SBU16C	R134A	DCP17023	447190-7810
W202	C Class (202) C200 T CDI	D 1997 OM 611.960	03-98 > 03-01	7SBU16C	R134A	DCP17023	447190-7810
W202	C Class (202) C200 CDI	D 2151 OM 611.960	03-98 > 05-00	7SBU16C	R134A	DCP17023	447190-7810
W202	C Class (202) C220 T D	D 2151 OM 604.910	06-96 > 03-01	7SBU16C	R134A	DCP17023	447190-7810
W202	C Class (202) C250 Turbo-D	D 2497 OM 605.960	06-96 > 03-01	7SBU16C	R134A	DCP17023	447190-7810
W203	C Class (203) C180	111951	06-00 > 08-02	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C200	111955	06-00 > 08-02	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C200 Cdi	611962	06-00 > 07-07	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C200 D	646962	03-01 > 03-03	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C200 Cdi	646962	05-02 > 01-08	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C220 Cdi	611962	06-00 > 09-03	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C220 Cdi	611963/646963	04-03 > 01-08	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C230	111981	09-00 > 07-02	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C240	112912	06-00 > 07-05	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C240	112916	08-02 > 07-05	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C270 Cdi	612962	06-00 > 12-04	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C280	272947	02-07 >	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C300 Cdi AMG	612990	08-02 > 12-04	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C320	112946	06-00 > 07-05	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C320	112953	08-00 > 07-05	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class (203) C350	272960	01-05 > 01-08	7SEU17C	R134A	DCP17026	447190-8280
W203	C Class C180	271946	05-02 > 02-07	7SEU17C	R134A	DCP17038	447150-0470
W203	C Class C200 CGi	271942	05-02 > 07-04	7SEU17C	R134A	DCP17038	447150-0470
W203	C Class C200 CGi	271942	05-02 > 07-04	7SEU17C	R134A	DCP17038	447150-0470
W203	C Class C200 CGi	271942	08-02 > 07-04	7SEU17C	R134A	DCP17038	447150-0470
W203	C Class C230	271948	11-03 > 07-05	7SEU17C	R134A	DCP17038	447150-0470
W203	C Class C230	271948	11-03 > 07-05	7SEU17C	R134A	DCP17038	447150-0470
W203	C Class (203) C200 CDi	646962	04-03 > 02-07	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C220 CDi	611963/646963	04-03 > 02-07	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C220 CDi	611963/646963	08-03 > 11-07	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C220	611963/646963	10-03 > 01-08	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C230	272920	03-05 > 11-08	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C230	272920	03-05 > 01-08	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C230	272921	02-07 >	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C280	272940	01-05 > 11-07	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C280	272941/272948	03-05 >	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C280	272947	02-07 >	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C280	272948	05-07 >	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C350	272960	01-05 > 02-07	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C350	272960	01-05 > 11-07	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C350	272970/272971	04-05 >	7SEU17C	R134A	DCP17053	447150-0490
W203	C Class (203) C350	272971	05-07 >	7SEU17C	R134A	DCP17053	447150-0490
W209	CLK Class CLK200	271940/271941	08-02 >	7SEU17C	R134A	DCP17038	447150-0470
W209	CLK Class CLK200 CGi	271942/271946	08-02 > 07-05	7SEU17C	R134A	DCP17038	447150-0470
W210	E Class (210) E200	1998 M 111.942	06-95 > 08-00	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E200 Kompressor	1998 M 111.947	06-97 > 03-02	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E230	2295 M 111.970	06-95 > 06-97	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E280	2799 M 104.945	01-96 > 06-97	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E320	3199 M 104.995	06-95 > 03-02	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E320 4-matic	3199 M 112.941	06-97 > 03-02	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E420	4196 M 119.985	01-96 > 06-97	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E220 D	D 2155 OM 604.912	06-95 > 07-99	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E290 Turbo-D	D 2874 OM 602.982	03-96 > 07-99	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E300 D	D 2996 OM 606.912	06-95 > 06-97	7SBU16C	R134A	DCP17023	447190-7810
W210	E Class (210) E300 Turbo-D	D 2996 OM 606.962	12-96 > 07-99	7SBU16C	R134A	DCP17023	447190-7810
W211	E200 CDi	646951	11-02 > 07-05	6SEU16C	R134A	DCP17068	447190-3390
W211	E200 CDi	646951	09-04 > 07-06	6SEU16C	R134A	DCP17068	447190-3390



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W211	E200 CDi	646820	11-05 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E200 CDi	646821	08-07 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E220 Cdi	646961	04-02 > 07-06	6SEU16C	R134A	DCP17068	447190-3390
W211	E220 Cdi	646961	04-03 > 07-06	6SEU16C	R134A	DCP17068	447190-3390
W211	E220 Cdi	646821	08-05 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E220 Cdi	646821	11-05 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E250	272922	05-07 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E270 CDi	647961	04-02 > 07-05	6SEU16C	R134A	DCP17068	447190-3390
W211	E270 CDi	647961	04-03 > 07-05	6SEU16C	R134A	DCP17068	447190-3390
W211	E280	272943	03-05 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E280	272943	03-05 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E280	272944	06-05 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E280	272944	06-05 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E280 CDi	648961	10-03 > 07-05	6SEU16C	R134A	DCP17068	447190-3390
W211	E320 CDi	648961	11-02 > 07-06	6SEU16C	R134A	DCP17068	447190-3390
W211	E320 CDi	648961	04-03 > 07-06	6SEU16C	R134A	DCP17068	447190-3390
W211	E350	272964	08-04 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E350	272964	08-04 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E350	272972	08-04 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E350	272972	08-04 > 07-06	6SEU16C	R134A	DCP17068	447190-3390
W211	E350	272985	05-06 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E350	272985	05-06 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E500	113967	04-02 > 06-05	6SEU16C	R134A	DCP17068	447190-3390
W211	E500	273960	05-06 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E500	273962	05-06 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E500	273962	05-06 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E500	273960	05-06 >	6SEU16C	R134A	DCP17068	447190-3390
W211	E55 AMG	113990	11-02 > 07-06	6SEU16C	R134A	DCP17068	447190-3390
W211	E55 AMG	113990	08-03 > 07-06	6SEU16C	R134A	DCP17068	447190-3390
W211	E Class (211) E200 Kompressor	271941	08-02 > 07-06	7SEU17C	R134A	DCP17038	447150-0470
W211	E Class (211) E200	271941	04-03 > 07-06	7SEU17C	R134A	DCP17038	447150-0470
W211	E Class (211) E200	271956	05-06 >	7SEU17C	R134A	DCP17038	447150-0470
W211	E Class (211)	M112,113	01-02 >	7SEU17C	R134A	DCP17039	447190-8310
W211	E Class (211)	OM642	03-05 >	6SEU16C	R134A	DCP17067	447150-0430
W215	CL Class CL 55 AMG	113991	08-02 >	7SEU17C	R134A	DCP17026	447190-8280
W215	CL Class CL 600	275950	08-02 >	7SEU17C	R134A	DCP17026	447190-8280
W215	CL Class CL 600	137970	09-99 >	7SEU17C	R134A	DCP17026	447190-8280
W219	CLS Class (219) CLS350	272964	07-04 > 03-06	6SEU16C	R134A	DCP17068	447190-3390
W219	CLS Class (219) CLS350	272985	04-06 >	6SEU16C	R134A	DCP17068	447190-3390
W219	CLS Class (219) CLS500	273960	04-06 >	6SEU16C	R134A	DCP17068	447190-3390
W219	CLS Class (219) CLS55 AMG	113990	02-05 >	6SEU16C	R134A	DCP17068	447190-3390
W220		M112,113	07-01 >	7SEU17C	R134A	DCP17043	447180-4130
W220		M113.944	11-00 >	7SEU17C	R134A	DCP17041	447190-7720
W220	S Class (220) M137		07-01 >	7SEU17C	R134A	DCP17044	447190-9390
W220	S Class (220) M112		09-03 >	7SEU17C	R134A	DCP17045	447180-9730
W220	S Class (220)	M272	06 >	7SEU17C	R134A	DCP17055	447150-0270
W220	S Class 280 (220)	2799 M 112.922	04-95 >	10PA20C	R134A	DCP17017	447100-7430
W220	SL-Class 280 (220)	2799 M 104.943	98 > 01	10PA17C	R134A	DCP17019	447100-8620
W220	S Class 320 (220)	3199 M 112.944	04-95 >	10PA20C	R134A	DCP17017	447100-7430
W220	SL-Class 280 (220)	3199 M 112.923, 925	98 > 01	10P15C	R134A	DCP17020	447100-8630
W220	SL-Class 320 (220)	3199 M 104.991	98 > 01	10PA17C	R134A	DCP17019	447100-8620
W220	SL-Class 320 (220)	3199 M 112.943	98 > 01	10P15C	R134A	DCP17020	447100-8630
W220	S Class (220) S55 AMG	4266 M113.944	09-02 > 08-05	7SEU17C	R134A	DCP17026	447190-8280
W221	S Class	M273	06 >	7SEU17C	R134A	DCP17055	447150-0270
W221	S Class	M273	06 >	7SEU17C	R134A	DCP17060	447150-0700
R107	SL class (107) 300 SL	2960 M 103.982 kat	09-85 > 08-89	10P15C	R134A	DCP17001	247100-5910
R129	SL Class (129) SL280	2799 M 104.943 (24v)	07-93 > 06-97	10PA17C	R134A	DCP17010	447100-2060
R129	SL Class (129) 300 SL	2960 M 103.984	03-89 > 08-93	10PA17C	R134A	DCP17010	447100-2060
R129	SL Class (129) 300 SL 24v	2960 M 104.981	03-89 > 07-93	10PA17C	R134A	DCP17010	447100-2060
R129	SL Class (129) SL300	2960 M 103	03-98 > 08-93	10PA17C	R134A	DCP17010	447100-2060
R129	SL Class (129) SL320	3199 M 104.991 (24v)	07-93 > 05-98	10PA17C	R134A	DCP17010	447100-2060
R129	SL Class (129) SL500	4973 M 119.960, 972	09-89 > 05-93	10PA17C	R134A	DCP17011	447100-2070
R129	SL Class (129) SL500	4973 M 119.972 (32v)	01-92 > 05-93	10PA17C	R134A	DCP17011	447100-2070
R129	SL Class (129) SL600	5987 M 120.981	92 > 93	10PA17C	R134A	DCP17010	447100-2060
R129	SL Class (129) SL60 AMG	5987 M 119.983	05-97 > 10-01	10PA17C	R134A	DCP17010	447100-2060
R129	SL Class (129) SL600	5987 M 120.981	93 >	10PA17C	R134A	DCP17010	447100-2060
R170	SLK Class M113 4.3	4266	08-02 >	6SEU14C	R134A	DCP17046	447150-0180
R170	SLK Class M113 5.0	4966	08-02 >	6SEU14C	R134A	DCP17046	447150-0180
R170	SLK Class M113 5.4	5439	08-02 >	6SEU14C	R134A	DCP17046	447150-0180
R171	SLK Class	M271	04 >	6SEU14C	R134A	DCP17051	447150-0170
G-MODEL	G Class			7SBU16C	R134A	DCP17024	447190-7820
W460	G Class (460) 230GE	2299 M 102.981, 987	04-82 > 08-92	10PA17C	R134A	DCP17010	447100-2060



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W461	G Class (461) 230 GE	2298 M 102.979, 996	02-93 >	10PA17C	R134A	DCP17010	447100-2060
W461	G Class (461) 250 GD	D 2497 OM 602.939	02-90 >	10P15	R134A	DCP17002	247100-5920
W461	G Class (461) 290 (G)D	D 2874 OM 602.942	04-92 >	10P15	R134A	DCP17002	247100-5920
W463	G Class (463) 230GE	2298 M 102.989	06-90 > 06-93	10PA17C	R134A	DCP17010	447100-2060
W463	G Class (463) 300GE	2960 M 103.987	06-90 >	10PA17C	R134A	DCP17010	447100-2060
W463	G Class	M113, M112		7SEU17C	R134A	DCP17064	447190-8370
W463	G Class	OM612		7SEU17C	R134A	DCP17064	447190-8370
BR164	GL Class	M272 / M273		7SEU17C	R134A	DCP17057	447190-6550
BR221	GL Class	M272 / M273		7SEU17C	R134A	DCP17057	447190-6550
SPRINTER	208D	2299, 601943	12-94 > 12-99	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	210D	2874, 602980	01-97 > 04-00	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	212D	2874, 602980	12-94 > 08-00	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	214	2295, 111979	12-94 > 08-00	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	308D	2299, 601943	12-94 > 12-99	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	310D	2874, 602980	01-97 > 08-00	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	312D	2874, 602980	12-94 > 08-00	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	314	2295, 111979	12-94 > 12-99	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	408D	2299, 601943	12-94 > 12-99	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	410D	2874, 602980	01-97 > 08-00	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	412D	2874, 602980	08-94 > 08-00	10PA17C	R134A	DCP17011	447100-2070
SPRINTER	414	2295, 111979	12-94 > 12-99	10PA17C	R134A	DCP17011	447100-2070
SPRINTER				7SBU16C	R134A	DCP17024	447190-7820
SPRINTER	NCV3		06 >	7SEU17C	R134A	DCP17073	447190-9280
SPRINTER		OM 646	06 >	7SEU17C	R134A	DCP17072	447190-8230
W414	VANEO			6SEU14C	R134A	DCP17050	447190-9370
V-CLASS			01 > 06	7SEU17C	R134A	DCP17064	447190-8370
V-CLASS		M112	01 > 06	7SEU17C	R134A	DCP17064	447190-8370
V-CLASS		OM612	01 > 06	7SEU17C	R134A	DCP17064	447190-8370
VITO	108 CDI	2151, 611940/611980	01-99 > 07-03	10PA17C	R134A	DCP17011	447100-2070
VITO	108 CDI	2151, 611940	03-99 > 07-03	10PA17C	R134A	DCP17011	447100-2070
VITO	108 D	2299, 601942	11-95 > 02-99	10PA17C	R134A	DCP17011	447100-2070
VITO	110 CDI	2151, 611980	01-99 > 07-03	10PA17C	R134A	DCP17011	447100-2070
VITO	110 TD	2299, 601970	11-95 > 02-99	10PA17C	R134A	DCP17011	447100-2070
VITO	112 CDI	2151, 611960/611980	01-99 > 07-03	10PA17C	R134A	DCP17011	447100-2070
VITO	112 CDI	2151, 611960	03-99 > 07-03	10PA17C	R134A	DCP17011	447100-2070
VITO	113	1998, 111948	11-95 > 07-03	10PA17C	R134A	DCP17011	447100-2070
VITO	114	2295, 111978	08-96 > 07-03	10PA17C	R134A	DCP17011	447100-2070
VITO				7SBU16C	R134A	DCP17024	447190-7820
VITO		OM611	06 >	7SEU17C	R134A	DCP17075	447190-8340
ACTROS	ACTROS			7SBU16C	R134A	DCP17035	447190-5520
ACTROS	ACTROS	OM501 / OM502		7SBU16C	R134A	DCP17036	447190-5530
ACTROS	ACTROS	OM612		7SBU16C	R134A	DCP17K37	447190-8030
ACTROS	ACTROS		99 >	10PA17C	R134A	DCP17066	447170-4910
SK	90	all	89 > 98	10PA15C	R134A	DCP17033	447100-2160
SKN	300 (retrofit)	Retrofit compressor Truck 300		10P15C	R134A	DCP17021	447100-9950
SKN	500			10PA15C	R134A	DCP17034	447190-5500
PEUGEOT							
308	1.4 16V	1397	09-07 >	5SEL12C	R134A	DCP21010	447190-8110
308	1.6 16V Turbo	1598 EP6DT / EP6DTS	09-07 >	6SEL16C	R134A	DCP21011	447190-8120
PORSCHE							
BOXSTER	(986 . 996)	B6		7SBU16C	R134A	DCP28008	447190-9620
911	(964)	3600 M 64.01	07-87 > 09-93	10PA15C	R12	DCP28003	147100-5430
911	(964)	3600 M 64.02		10PA15C	R134A	DCP28004	447100-2330
928	GTS	5397 M 28.49, 50	08-91 > 11-95	10PA20C	R134A	DCP28006	447100-2350
944	2.5	2479 M 44..	01-85 > 07-88	10P15E	R12	DCP28001	047100-9750
944	2.5 (Cat)	2479 M 44..	86 > 89	10P15E	R12	DCP28001	047100-9750
944	2.5 S	2479 M 44.40	08-86 > 07-88	10P15E	R12	DCP28001	047100-9750
944	2.5 Turbo	2479 M 44.50, 51	01-85 > 91	10P15E	R12	DCP28001	047100-9750
944	2.7	2681 M 44.11, 12	11-88 > 08-89	10P15E	R12	DCP28001	047100-9750
944	3.0 S2	2990 M 44.41	12-88 > 07-91	10P15E	R12	DCP28001	047100-9750
RENAULT							
MASCOTT	A/C	eng.. Sofin		SC08C	R134A	DCP23002	447170-0660
TRACTOR			98 >	10PA15C	R134A	DCP23530	447170-2310
TRACTOR			99 >	10PA15C	R134A	DCP23531	447170-2900
ROVER							
45	2.0	1997 KV6	02-00 >	7SBU16C	R134A	DCP24002	447170-8230
75	1.8	1797 K 1.8	02-99 >	7SBU16C	R134A	DCP24004	447170-8240
75	2.5	2497 KV6	02-99 > 10-91	7SBU16C	R134A	DCP24002	447170-8230



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ROVER continued							
75	1950 D	D 1950 M 47 R	02-99 >	7SBU17C	R134A	DCP24005	447170-8250
825	TD		08-92 > 11-98	6CA17A	R134A	DCP24001	447100-2400
SAAB							
9-5	2.0	1985 B205E	10-98 >	7SBU16C	R134A	DCP25001	447170-5550
SEAT							
ALTEA	1.4	BXW	05-06 >	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	1.4	CAXC	11-07 >	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	1.6	BGU/BSE/BSF	03-04 >	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	1.8	BYT/BZB	01-07 >	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	2.0 FSI	BLR/BLY/BVY/BVZ	05-04 >	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	2.0 TFSI	BWA	01-06 >	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	1.9 TDI	BJB/BKC/BLS/BXE	03-04 >	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	2.0 TDI	BKD	03-04 > 09-05	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	2.0 TDI	AZV	04-04 >	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	2.0 TDI	BMM	11-05 >	7SEU17C	R134A	DCP32045	447190-7950
ALTEA	2.0 TDI	BMN	11-05 >	7SEU17C	R134A	DCP32045	447190-7950
CORDOBA	1.4 74KW	BBZ	10-02 >	6SEU12C	R134A	DCP27001	447190-4360
CORDOBA	1.6 74KW	BAH	04-03 >	6SEU12C	R134A	DCP27001	447190-4360
CORDOBA	2.0 85KW	AZL/BBX	10-02 >	6SEU12C	R134A	DCP27001	447190-4360
CORDOBA	1.4 TDI 55 KW	AMF	10-02 > 12-05	6SEU12C	R134A	DCP27001	447190-4360
CORDOBA	1.9 SDI 47 KW	ASY	10-02 > 12-05	6SEU12C	R134A	DCP27001	447190-4360
CORDOBA	1.9 TDI 96 KW	ASZ/BLT	10-02 >	6SEU12C	R134A	DCP27001	447190-4360
IBIZA	1.2	R3 1198	10-02 >	6SEU14C	R134A	DCP32005	447190-8900
IBIZA	1.4	R4 1390	10-02 >	6SEU17C	R134A	DCP32020	447190-8890
IBIZA	1.4	R3 1390	10-02 >	6SEU14C	R134A	DCP32005	447190-8900
IBIZA	1.4	AUB/BBZ	09-01 >	6SEU12C	R134A	DCP27001	447190-4360
IBIZA	1.6	BAH	04-03 >	6SEU12C	R134A	DCP27001	447190-4360
IBIZA	1.8	BJX/BKV	12-03 >	6SEU12C	R134A	DCP27001	447190-4360
IBIZA	2	AZL/BBX	04-02 > 03-08	6SEU12C	R134A	DCP27001	447190-4360
IBIZA	2.0	R4 1984	10-02 >	6SEU17C	R134A	DCP32020	447190-8890
IBIZA	1.4 TDI	AMF	03-02 > 12-05	6SEU12C	R134A	DCP27001	447190-4360
IBIZA	1.9 TDI	ASZ	11-01 > 09-05	6SEU12C	R134A	DCP27001	447190-4360
IBIZA	1.9 SDI	ASY	01-02 > 12-05	6SEU12C	R134A	DCP27001	447190-4360
IBIZA	1.9 TDI	ATD	03-02 > 05-05	6SEU12C	R134A	DCP27001	447190-4360
IBIZA	1.9 TDI	BPX	03-04 > 11-05	6SEU12C	R134A	DCP27001	447190-4360
LEON	1.4	BXW/CAXC	05-06 >	7SEU17C	R134A	DCP32045	447190-7950
LEON	2.0 FSI	BLR/BLY/BVY/BVZ	02-05 >	7SEU17C	R134A	DCP32045	447190-7950
LEON	2.0 TFSI	BWA	08-05 >	7SEU17C	R134A	DCP32045	447190-7950
LEON	2.0 TFSI	BWA1	08-05 > 05-06	7SEU17C	R134A	DCP32045	447190-7950
TOLEDO	1.6	BGU/BSE/BSF	07-04 >	7SEU17C	R134A	DCP32045	447190-7950
TOLEDO	1.8 TFSI	BYT/BZB/CDAA	01-07 >	7SEU17C	R134A	DCP32045	447190-7950
TOLEDO	2.0 FSI	BLR/BLY/BVY/BVZ	07-04 >	7SEU17C	R134A	DCP32045	447190-7950
TOLEDO	2.0 FSI	BWA	02-06 >	7SEU17C	R134A	DCP32045	447190-7950
TOLEDO	1.9 TDI	BJB/BKC/BLS/BXE	07-04 >	7SEU17C	R134A	DCP32045	447190-7950
TOLEDO	2.0 TDI	AZV/BKD/BMM	07-04 >	7SEU17C	R134A	DCP32045	447190-7950
TOLEDO	2.0 TDI	BMN	01-06 >	7SEU17C	R134A	DCP32045	447190-7950
SKODA							
FABIA	1.2	R3 1198	10-02 >	6SEU14C	R134A	DCP32005	447190-8900
FABIA	1.4	R4 1422	10-02 >	6SEU17C	R134A	DCP32020	447190-8890
FABIA	1.4	R3 1390	10-02 >	6SEU14C	R134A	DCP32005	447190-8900
FABIA	1.9	R4 1896	10-02 >	6SEU17C	R134A	DCP32020	447190-8890
OCTAVIA	1.4	BCA	05-04 > 09-06	7SEU17C	R134A	DCP32045	447190-7950
OCTAVIA	2.0 FSI	BLX/BLY/BVX	11-04 >	7SEU17C	R134A	DCP32045	447190-7950
OCTAVIA	2.0 FSI	BLR/BVY/BVZ	11-04 >	7SEU17C	R134A	DCP32045	447190-7950
OCTAVIA	2.0 FSI	BLR/BLY	11-04 > 11-05	7SEU17C	R134A	DCP32045	447190-7950
OCTAVIA	2.0 TFSI 147 KW	BWA/CCZA	10-05 >	7SEU17C	R134A	DCP32045	447190-7950
OCTAVIA	2.0 FSI	BVY/BVZ	11-05 > 10-08	7SEU17C	R134A	DCP32045	447190-7950
OCTAVIA	2.0 TFSI 147 KW	BWA	02-06 >	7SEU17C	R134A	DCP32045	447190-7950
OCTAVIA	1.4	R4 1390	09-01 >	7SEU16C	R134A	DCP32002	447190-8710
OCTAVIA	1.6	R4 1598	09-01 >	7SEU16C	R134A	DCP32002	447190-8710
OCTAVIA	1.9 TDI	R4 1869	02-02 >	7SEU16C	R134A	DCP32003	447190-8720
OCTAVIA	2.0 TDI	R4 1968	02-02 >	7SEU16C	R134A	DCP32003	447190-8720
Superb	2.5 TDI 110 KW	AVF/AWX	12-01 >	7SBU16C	R134A	DCP02006	447160-0260
Superb	2.5 TDI 132 KW	AVB	05-02 > 10-05	7SBU16C	R134A	DCP02006	447160-0260
TOYOTA							
AVENSIS	1.6 16V	1598 3ZZFE	07-00 > 02-03	10S15L	R134A	DCP50020	447170-7650
AVENSIS	1.6 16V	1587 4AFELB / 4AFE	10-97 > 07-00	10PA15C	R134A	DCP50021	447170-2860
AVENSIS	1.6 16V WTi	3ZZFE	01-03 >	5SE12C	R134A	DCP50120	447180-4510



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AVENSIS	1.6 16V WTi Estate / Wagon	3ZZFE	01-03 >	5SE12C	R134A	DCP50120	447180-4510
AVENSIS	1.8 16V	1794 1ZZFE	07-00 > 02-03	10S15L	R134A	DCP50020	447170-7650
AVENSIS	1.8 16V	1762 7AFE	10-97 > 07-00	10PA15C	R134A	DCP50021	447170-2860
AVENSIS	1.8 16V WTi	1ZZFE	01-03 >	5SE12C	R134A	DCP50120	447180-4510
AVENSIS	1.8 16V WTi Estate / Wagon	1ZZFE	01-03 >	5SE12C	R134A	DCP50120	447180-4510
AVENSIS	2.0	1998 3SFE	10-97 > 06-00	10PA15L	R134A	DCP50023	447100-8740
AVENSIS	2.0 16V	1998 1AZFSE	07-00 > 02-03	10S15C	R134A	DCP50022	447170-7660
AVENSIS	2.0 16V	1995 1CDFTV	09-02 > 02-03	10S15L	R134A	DCP50026	447170-6210
AVENSIS	2.0 16V WTi Estate / Wagon	1998 1AZFSE	03-03 >	5SE12C	R134A	DCP50121	447180-5640
AVENSIS	2.0 16V WTi D4	1998 1AZFSE	03-03 >	5SE12C	R134A	DCP50121	447180-5640
AVENSIS	2.4 16V WTi D4	2362 2AZFSE	09-03 >	5SE12C	R134A	DCP50121	447180-5640
AVENSIS	2.4 16V WTi D4 Estate / Wagon	2362 2AZFSE	09-03 >	5SE12C	R134A	DCP50121	447180-5640
AVENSIS	2.0 16V D4d Diesel	1995 1CDFTV	01-03 >	5SE12C	R134A	DCP50123	447180-8640
AVENSIS	2.0 16V D4d Estate / Wagon Diesel	1995 1CDFTV	01-03 >	5SE12C	R134A	DCP50123	447180-8640
AVENSIS	2.0 16V D4d Diesel	1995 1CDFTV	03-03 >	5SE12C	R134A	DCP50122	447190-5450
AVENSIS	2.0 16V D4d Diesel	1998 1ADFTV	03-06 >	5SE12C	R134A	DCP50124	447190-3660
AVENSIS	2.0 16V D4d Estate / Wagon Diesel	1995 1CDFTV	03-03 >	5SE12C	R134A	DCP50122	447190-5450
AVENSIS	2.0 16V D4d Estate / Wagon Diesel	1998 1ADFTV	03-06 >	5SE12C	R134A	DCP50124	447190-3660
AVENSIS	2.0 D (outside Europe)		10-97 > 07-00	10PA15L	R134A	DCP50025	447170-2890
AVENSIS	2.0 D4D 16V Diesel	1995 1CDFTV	08-99 > 08-02	10S15L	R134A	DCP50026	447170-6210
AVENSIS	2.0 TD 8V	1974 2CT / 2CTE	10-97 > 07-00	10PA15L	R134A	DCP50024	447100-8750
AVENSIS	2.2 16V D4d Diesel	2231 2ADFHV	04-05 >	5SE12C	R134A	DCP50124	447190-3660
AVENSIS	2.2 16V D4d Diesel	2231 2ADFTV	04-05 >	5SE12C	R134A	DCP50124	447190-3660
AVENSIS	2.2 16V D4d Estate / Wagon Diesel	2231 2ADFHV	04-05 >	5SE12C	R134A	DCP50124	447190-3660
AVENSIS	2.2 16V D4d Estate / Wagon Diesel	2231 2ADFTV	04-05 >	5SE12C	R134A	DCP50124	447190-3660
AVENSIS VERSO	2.0 16V WTi	1998 1AZFE	05-01 > 07-05	10S15C	R134A	DCP50220	447170-9440
AVENSIS VERSO	2.0 16V WTi	1998 1AZFE	05-01 > 07-05	10S17C	R134A	DCP50221	447170-9450
AVENSIS VERSO	2.0 16V WTi	1998 1AZFE	05-01 > 07-05	10S17C	R134A	DCP50224	447180-7890
AVENSIS VERSO	2.0 16V D4d Diesel	1995 1CDFTV	05-01 > 07-05	10S15L	R134A	DCP50222	447170-9460
AVENSIS VERSO	2.0 16V D4d Diesel	1995 1CDFTV	05-01 > 07-05	10S17C	R134A	DCP50223	447170-9470
AVENSIS VERSO	2.0 16V D4d Diesel	1995 1CDFTV	05-01 > 07-05	10S15L	R134A	DCP50225	447180-7900
AVENSIS VERSO	2.0 16V D4d Diesel	1995 1CDFTV	05-01 > 07-05	10S17C	R134A	DCP50226	447180-7780
CAMRY	2.0 16V WTi	1998 1AZFE	08-01 > 02-06	10S17C	R134A	DCP50040	447170-8140
CAMRY	2.0 16V WTi	1998 1AZFE	08-01 > 02-06	10S17C	R134A	DCP50041	447190-2610
CAMRY	2.4 16V WTi	2362 2AZFE	08-01 > 02-06	10S17C	R134A	DCP50040	447170-8140
CAMRY	2.4 16V WTi	2362 2AZFE	08-01 > 02-06	10S17C	R134A	DCP50041	447190-2610
CARINA E	1.6 16V	1587 4AFE	02-92 > 09-97	10PA15C	R134A	DCP50050	447100-5960
CARINA E	1.8 16V	1762 7AFE	10-94 > 06-98	10PA15C	R134A	DCP50050	447100-5960
CARINA FF	1.6 16V	1587 4AFE	02-92 > 09-97	10PA15C	R134A	DCP50050	447100-5960
CELICA	1.8 16V WTi (Nato)	1794 1ZZFE	09-99 > 08-02	10S15L	R134A	DCP50060	447170-6600
CELICA	1.8 16V WTi (Nato)	1796 2ZZGE	09-99 > 08-02	10S15L	R134A	DCP50060	447170-6600
COROLLA	1.4 16V	1398 4ZZFE	10-99 > 10-06	SCSA06C	R134A	DCP50011	447180-9220
COROLLA	1.4 16V WTi	1398 4ZZFE	08-04 >	SCSA06C	R134A	DCP50013	447180-9110
COROLLA	1.4 16V WTi	1398 4ZZFE	10-01 >	SCSA06C	R134A	DCP50011	447180-9220
COROLLA	1.4 16V WTi Estate / Wagon	1398 4ZZFE	10-01 > 10-06	SCSA06C	R134A	DCP50013	447180-9110
COROLLA	1.6 16V	1598 3ZZFE	10-99 > 05-04	SCSA06C	R134A	DCP50011	447180-9220
COROLLA	1.8 16V	1796 2ZZGE	11-01 > 10-06	SCSA06C	R134A	DCP50011	447180-9220
COROLLA	1.4 / 1.6 (Gulf States)		08-04 >	SCSA06C	R134A	DCP50012	447180-9090
COROLLA	1.4 8V D4d Diesel	1364 1NDTV	08-04 >	SCSA06C	R134A	DCP50010	447180-9260
COROLLA	1.4 8V D4d Estate / Wagon Diesel	1364 1NDTV	06-04 >	SCSA06C	R134A	DCP50010	447180-9260
COROLLA	2.0 16V D4d Estate / Wagon Diesel	1995 1CDFTV	10-01 >	SCSA06C	R134A	DCP50013	447180-9110
COROLLA	2.0 16V Diesel	1995 1CDFTV	01-02 >	SCSA06C	R134A	DCP50013	447180-9110
COROLLA	2.0 16V Diesel	1995 1CDFTV	01-02 >	SCSA06C	R134A	DCP50011	447180-9220
COROLLA	1.4 8V Diesel	1364 1NDTV	06-04 > 02-07	SCSA06C	R134A	DCP50010	447180-9260
COROLLA ALTIS	1.6 16V WTi	1598 3ZZFE	11-01 > 05-04	SCSA06C	R134A	DCP50013	447180-9110
COROLLA FIELDER	1.6 16V WTi	1598 3ZZFE	03-01 > 01-04	SCSA06C	R134A	DCP50013	447180-9110
COROLLA VERSO	1.6 16V	1598 3ZZFE	03-04 >	5SE12C	R134A	DCP50114	447180-9420
COROLLA VERSO	2.0 16V D4d Diesel	1995 1CDFTV	09-01 > 02-04	SCSA06C	R134A	DCP50015	447100-1950
LAND CRUISER	3.5 10V Diesel	3470 1PZ	01-90 > 08-92	10PA15C	R12	DCP50072	147100-8820
LAND CRUISER	4.2 12V TD	4164 1HZ	01-90 > 08-01	10PA15L	R134A	DCP50071	447100-7040
LAND CRUISER	4.2 12V TD	4164 1HZ	01-90 > 08-01	10PA15C	R12	DCP50072	147100-8820
LAND CRUISER 100	4.2 24V TDi	4164 1HDFTE	01-98 >	10PA15L	R134A	DCP50073	447170-3700
LAND CRUISER 100	4.2 24V TDi	4164 1HDFTE	01-98 >	10PA17C	R134A	DCP50074	447180-5540
LAND CRUISER 70	4.2 12V Diesel	4164 1HZ	04-96 > 08-01	10PA15C	R12	DCP50070	147100-8500
LAND CRUISER 80	4.2 12V Diesel	4164 1HZ	01-90 > 12-97	10PA15C	R12	DCP50070	147100-8500
LAND CRUISER 80	4.2 12V Diesel	4164 HDJ80 / 1HZ	01-90 > 12-97	10PA15L	R134A	DCP50071	447100-7040
LAND CRUISER 80	4.2 24V TDi	4164 1HD4T	03-95 > 12-97	10PA15L	R134A	DCP50071	447100-7040
PICNIC	2.2 8V TD	2184 3CTE	09-97 > 04-01	10S15L	R134A	DCP50090	447170-5790
PREVIA	2.4 16V WTi	2362 2AZFE	02-00 > 12-05	10S17C	R134A	DCP50080	447180-8900
PREVIA	2.4 16V WTi	2362 2AZFE	02-00 > 12-05	10S17C	R134A	DCP50081	447170-7380
PREVIA	(Gulf States)		02-00 > 01-06	10S17C	R134A	DCP50082	447180-7790
PREVIA	2.0 16V D4d Diesel	1995 1CDFTV	02-01 > 12-05	10S17C	R134A	DCP50083	447180-7880



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RAV 4	1.8 16V WTi	1794 1ZZFE	05-00 > 10-05	10S15L	R134A	DCP50030	447180-7840
RAV 4	2.0 16V	1998 3SFE	04-94 > 04-00	10PA15L	R134A	DCP50031	447170-3400
RAV 4	2.0 16V (Nato)	1998 3SFE	11-95 > 07-00	10PA15L	R134A	DCP50031	447170-3400
RAV 4	2.0 / 2.4 16V WTi (Nato)	1AZFE / 2AZFE	08-00 > 11-05	10S15C	R134A	DCP50033	447180-7820
RAV 4	2.0 16V D4d Diesel	1995 1CDFTV	06-01 > 10-05	10S15L	R134A	DCP50032	447180-7850
YARIS	1.0 16V WTi	998 1SZFE	04-03 > 08-05	5SE09	R134A	DCP50001	447180-5940
YARIS	1.0 Outside Europe		01-99 > 08-02	SCSA06	R134A	DCP50002	447180-9150
YARIS	1.0 Outside Europe		01-99 > 08-02	SCSA06	R134A	DCP50003	447180-9140
YARIS	1.3 16V WTi	1298 2SZFE	05-02 > 08-05	5SE09	R134A	DCP50001	447180-5940
YARIS	1.5 16V WTi	1497 1NZFE / 1NZFER	04-03 > 08-05	SCSA06	R134A	DCP50006	447180-8780
YARIS	1.4 16V D4d Diesel	1364 1NDTV	10-01 > 08-05	SCSA06	R134A	DCP50004	447180-8840
YARIS VERSO	1.5 16V WTi	1497 1NZFE	04-03 > 09-05	SCSA06	R134A	DCP50007	447180-8750
YARIS VERSO VAN	1.3 16V WTi	1299 2NZFE	04-03 > 09-05	SCSA06	R134A	DCP50007	447180-8750
YARIS VERSO VAN	1.4 16V D4d Diesel	1364 1NDTV	10-01 > 09-05	SCSA06	R134A	DCP50005	447180-8670
VOLKSWAGEN							
BORA	1.6 FSI	BAD	06-01 > 05-05	6SEU12C	R134A	DCP27001	447190-4360
GOLF IV	1.4	R4 1390	09-01 >	7SEU16C	R134A	DCP32002	447190-8710
GOLF IV	1.6	R4 1598	09-01 >	7SEU16C	R134A	DCP32002	447190-8710
GOLF IV	1.9 TDI	R4 1869	02-02 >	7SEU16C	R134A	DCP32003	447190-8720
GOLF IV	2.0 TDI	R4 1968	02-02 >	7SEU16C	R134A	DCP32003	447190-8720
GOLF V	1.4	BCA	10-03 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	1.4 FSI 66KW	BKG/BLN	10-03 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	1.4 FSI 125KW	BLG	11-05 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	1.4 FSI 103KW	BMV	03-06 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	1.4	BUD	05-06 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	1.4 FSI	CAXA	08-07 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	1.6 FSI	BAG/BLF/BLP	10-03 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	1.6	BGU/BSE/BSF	01-04 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	2.0 FSI	AXW/BLR/BLX/BLV/BVZ	10-03 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	2.0 147 KW	AXX/BWA	09-04 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	2.0 FSI	BLV/BVX	12-04 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V	2.0 169 KW	BYD	09-06 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Variant	1.4	BLG	06-07 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Variant	1.4	BMV	06-07 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Variant	1.4	CAXA	07-07 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Variant	1.4	BUD	08-07 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Variant	1.4	CAVD	07-08 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Variant	1.6	BSE/BSF/CCSA	06-07 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Plus	1.4	BCA	10-04 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Plus	1.4 FSI	BLN	07-05 > 05-06	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Plus	1.4 FSI	BMV	03-06 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Plus	1.4	BUD	05-06 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Plus	1.4 FSI	BLG	05-06 > 06-08	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Plus	1.4 FSI	CAXA	07-07 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Plus	1.6 FSI	BLF	10-04 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Plus	1.6	BSE/BSF	05-05 >	7SEU17C	R134A	DCP32045	447190-7950
GOLF V Plus	2.0 FSI	BLR/BLV/BVY/BVZ	05-05 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	1.4 FSI	BMV	06-06 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	1.4 FSI	BLG	06-06 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	1.6	BSE/BSF/CCSA	08-05 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	1.6 FSI	BLF	09-05 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	2.0 FSI	BLR/BLV/BVY/BVZ	08-05 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	2.0	BWA	09-05 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	1.9 TDI	BKC/BLS/BRM/BXE	01-05 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	2.0 TDI	AZV	09-05 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	2.0 TDI	BMM	09-05 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	2.0 TDI	BKD	09-05 >	7SEU17C	R134A	DCP32045	447190-7950
JETTA	2.0 TDI	BMN	09-06 >	7SEU17C	R134A	DCP32045	447190-7950
LUPO	1.4 77 KW	ARR	09-00 > 09-03	6SEU12C	R134A	DCP27001	447190-4360
Passat/Variant	1.6 74 KW		11-96 > 08-00	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	1.6 75 KW		09-00 > 08-05	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	1.8T 110 KW		09-00 > 05-03	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	1.8T 125 KW		03-01 > 08-05	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	2.0 85 KW		09-00 > 08-05	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	2.0 96 KW		11-01 > 08-05	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	4.0 202 KW		09-01 > 08-05	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	1.9 TDI 74 KW		09-00 > 08-05	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	1.9 TDI 85 KW		11-97 > 08-00	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	1.9 TDI 96 KW		09-00 > 08-05	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	2.0 TDI 100 KW		11-03 > 08-05	7SBU16C	R134A	DCP02006	447160-0260
Passat/Variant	2.5 TDI 110 KW		08-98 > 05-03	7SBU16C	R134A	DCP02006	447160-0260

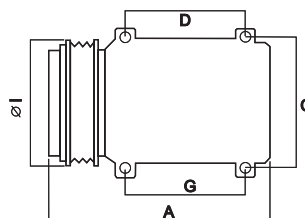


Refrigerant

DENSO
Short codeDENSO
P/N

VOLKSWAGEN continued							
Passat/Variant	2.5 TDI 132 KW		11-03 > 08-05	7SBU16C	R134A	DCP02006	447160-0260
PASSAT V	2.3	VR5	08-98 >	7SBU16C	R134A	DCP32001	447160-0320
PASSAT VI	1.6	BSE/BSF	04-05 >	7SEU17C	R134A	DCP32045	447190-7950
PASSAT VI	1.6 FSI	BLF	04-05 >	7SEU17C	R134A	DCP32045	447190-7950
PASSAT VI	1.8 FSI	BZB	05-07 >	7SEU17C	R134A	DCP32045	447190-7950
PASSAT VI	2.0 FSI	BLR/BLX/BLY/BVY/BVZ	04-05 >	7SEU17C	R134A	DCP32045	447190-7950
PASSAT VI	2.0 FSI 147 KW	AXX/BPY/BWA	04-05 > 07-07	7SEU17C	R134A	DCP32045	447190-7950
PASSAT VI	2.0 FSI	BLX/BLY/BVX	09-05 >	7SEU17C	R134A	DCP32045	447190-7950
PASSAT CC	1.8	BZB	06-08 >	7SEU17C	R134A	DCP32045	447190-7950
PASSAT CC	2.0	CAWB	06-08 >	7SEU17C	R134A	DCP32045	447190-7950
PHAETON	TDI V6			7SEU17C	R134A	DCP32021	447190-8950
POLO	1.2 40 KW	AWY/BMD	11-01 > 05-05	6SEU12C	R134A	DCP27002	447190-8700
POLO	1.2 47 KW	AZQ/BME	11-01 > 05-05	6SEU12C	R134A	DCP27002	447190-8700
POLO	1.4	AUA/BBY/BKY	11-01 > 05-05	6SEU12C	R134A	DCP27002	447190-8700
POLO	1.4	AUB/BBZ	11-01 > 05-05	6SEU12C	R134A	DCP27002	447190-8700
POLO	1.4 FSI	AXU	03-02 > 05-05	6SEU12C	R134A	DCP27002	447190-8700
POLO	1.4	BBY	09-02 >	6SEU12C	R134A	DCP27002	447190-8700
POLO	1.4	BBZ	07-03 >	6SEU12C	R134A	DCP27002	447190-8700
POLO	1.9 TDI	R4 1896	11-01 > 05-05	6SEU17C	R134A	DCP32020	447190-8890
POLO	1.2	R3 1198	10-02 >	6SEU14C	R134A	DCP32005	447190-8900
POLO	1.2 R3			6SEU17C	R134A	DCP32020	447190-8890
POLO	1.4	R4 1422	10-02 >	6SEU17C	R134A	DCP32020	447190-8890
POLO	1.4	R3 1390	10-02 >	6SEU14C	R134A	DCP32005	447190-8900
POLO	1.4 R4			6SEU17C	R134A	DCP32020	447190-8890
POLO	1.4 TDI	AMF/BAY	11-01 > 05-05	6SEU12C	R134A	DCP27001	447190-4360
POLO	1.4 TDI	BAY	07-03 >	6SEU12C	R134A	DCP27001	447190-4360
POLO	1.9 -/SDi	ASY	11-01 > 05-05	6SEU12C	R134A	DCP27001	447190-4360
POLO	1.9 TDI	ATD/AXR	11-01 > 05-05	6SEU12C	R134A	DCP27001	447190-4360
POLO	1.9 -/SDi	ASY	09-02 >	6SEU12C	R134A	DCP27001	447190-4360
POLO	1.9 TDI 74 KW	ATD	09-02 >	6SEU12C	R134A	DCP27001	447190-4360
POLO	1.9 TDI 96KW	ASZ/BLT	11-03 > 05-05	6SEU12C	R134A	DCP27001	447190-4360
POLO	2.0FSI R4			6SEU17C	R134A	DCP32020	447190-8890
POLO	1.4 TDI R3			6SEU17C	R134A	DCP32020	447190-8890
TIGUAN	1.4	BWK/CAVA	11-07 >	7SEU17C	R134A	DCP32045	447190-7950
TIGUAN	2.0	CAWB	11-07 >	7SEU17C	R134A	DCP32045	447190-7950
TIGUAN	2.0	CAWA	01-08 >	7SEU17C	R134A	DCP32045	447190-7950
TOUAREG	2.5 TDI	BAC/BPE	02-03 > 11-06	7SEU17C	R134A	DCP32006	447190-7610
TOUAREG	5.0 TDI	AYH/BLE	11-02 > 11-06	7SEU17C	R134A	DCP32006	447190-7610
TOUAREG	5.0 TDI	CBWA	08-07 >	7SEU17C	R134A	DCP32006	447190-7610
TOUAREG	TDI V6			7SEU17C	R134A	DCP32022	447190-9080
TOURAN	1.4	R4 1390	09-01 >	7SEU16C	R134A	DCP32002	447190-8710
TOURAN	1.6	R4 1598	09-01 >	7SEU16C	R134A	DCP32002	447190-8710
TOURAN	1.4 FSI	BMV/CAVC	02-06 >	7SEU17C	R134A	DCP32045	447190-7950
TOURAN	1.4 FSI	BLG	12-06 >	7SEU17C	R134A	DCP32045	447190-7950
TOURAN	1.6 FSI	BAG/BLF/BLP	02-03 > 11-06	7SEU17C	R134A	DCP32045	447190-7950
TOURAN	1.6 FSI	BGU/BSE/BSF	07-03 > 11-06	7SEU17C	R134A	DCP32045	447190-7950
TOURAN	2.0 FSI	AXW/BLR/BLX/BLY/BVY/BVZ	08-03 > 11-06	7SEU17C	R134A	DCP32045	447190-7950
TOURAN	2.0 Bi-Fuel	BSX	02-06 >	7SEU17C	R134A	DCP32045	447190-7950
TOURAN	1.9 TDI	R4 1869	02-02 >	7SEU16C	R134A	DCP32003	447190-8720
TOURAN	2.0 TDI	R4 1968	02-02 >	7SEU16C	R134A	DCP32003	447190-8720
CADDY	1.4	BCA	02-04 > 05-06	7SEU17C	R134A	DCP32045	447190-7950
CADDY	1.4	BUD	05-06 >	7SEU17C	R134A	DCP32045	447190-7950
CADDY/Maxi	1.6	BGU/BSE/BSF	02-04 >	7SEU17C	R134A	DCP32045	447190-7950
CADDY	2.0 Eco-Fuel	BSX	02-06 >	7SEU17C	R134A	DCP32045	447190-7950
CRAFTER	2.5TDI	R5TDI	06 >	7SEU17C	R134A	DCP17073	447190-9280
TRANSPORTER T5	T5 2.5 TDI	AXD/BNZ/AXE/BPC/BLJ	03-03 >	7SEU17C	R134A	DCP32006	447190-7610

ASTON MARTIN			
DENSO PN Compressor	447180-7460	Dimensions/Measurements (mm)	
Compressor Type	5SA12C	A Length	210
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	93
Oil Type; Quantity	ND-8; 140~160cc	G Bottom	88
Clutch Type; Voltage	LS30; 12V	I Clutch Dia.	115

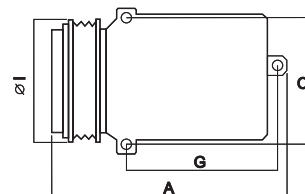


ALFA ROMEO --> Fiat Group

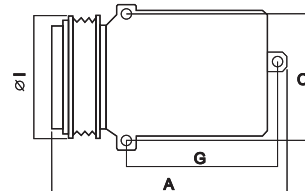
AUDI --> Volkswagen Group

BMW

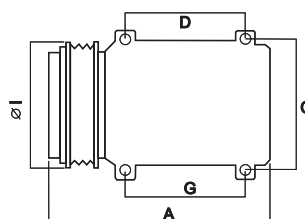
DENSO PN Compressor	447150-0150	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	190
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 170~190cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	110



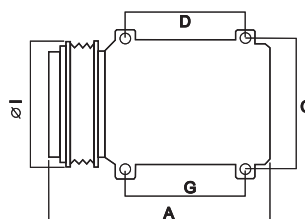
DENSO PN Compressor	447150-0160	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	190
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 170~190cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	110



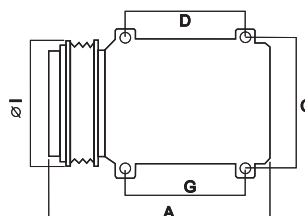
DENSO PN Compressor	447170-3750	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	PV 5	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	115



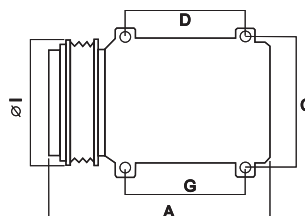
DENSO PN Compressor	447170-3760	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	215
Rotor Type	PV 4	C Height	128
Refrigerant Type	HFC134a	D Top	136
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	112
Clutch Type; Voltage	12V	I Clutch Dia.	126



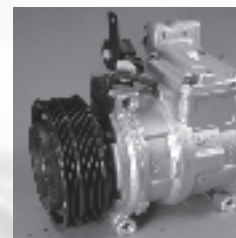
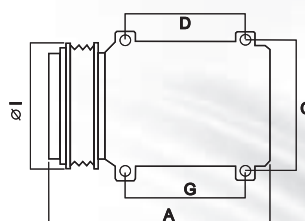
DENSO PN Compressor	447170-3770	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	215
Rotor Type	PV 5	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	110



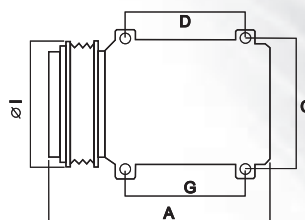
DENSO PN Compressor	447170-3780	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	245
Rotor Type	PV 4	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	125



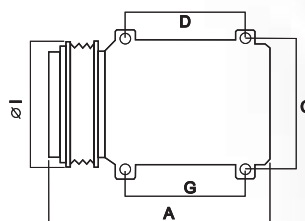
BMW continued			
DENSO PN Compressor	447170-3810	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	215
Rotor Type	PV 8	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 180~195cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	125



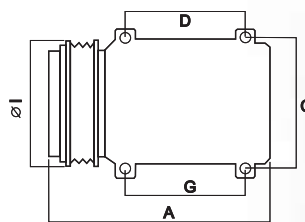
DENSO PN Compressor	447170-3820	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216.5
Rotor Type	PV 4	C Height	128
Refrigerant Type	HFC134a	D Top	136
Oil Type; Quantity	ND-8; 120~135cc	G Bottom	112
Clutch Type; Voltage	12V	I Clutch Dia.	125



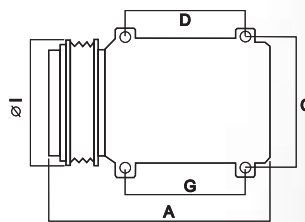
DENSO PN Compressor	447170-3830	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216.5
Rotor Type	PV 5	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	115



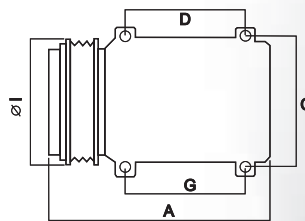
DENSO PN Compressor	447170-3840	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216.5
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160-175cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	115



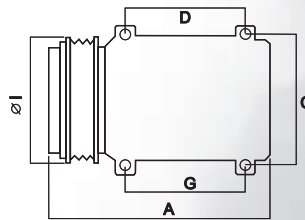
DENSO PN Compressor	447170-3860	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	242
Rotor Type	PV 4	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 120~135cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	125



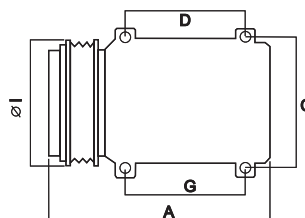
DENSO PN Compressor	447170-3930	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160-175cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	130



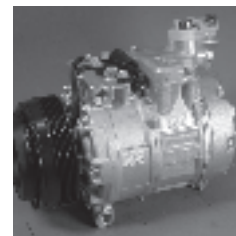
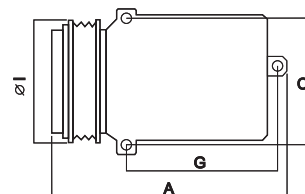
DENSO PN Compressor	447170-5890	Dimensions/Measurements (mm)
Compressor Type	10S17C	A Length
Rotor Type	PV 5	C Height
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 100~120cc	G Bottom
Clutch Type; Voltage	L50T; 12V	I Clutch Dia. 110



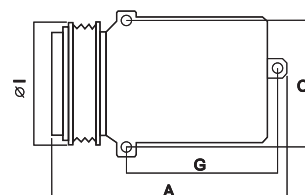
BMW <i>continued</i>			
DENSO PN Compressor	447170-8180	Dimensions/Measurements (mm)	
Compressor Type	10S17C	A Length	235
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 100-120cc	G Bottom	145
Clutch Type; Voltage	L50T; 12V	I Clutch Dia.	120



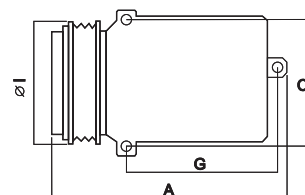
DENSO PN Compressor	447170-8450	Dimensions/Measurements (mm)	
Compressor Type	7SBU16C	A Length	235
Rotor Type	PV 5	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 150-170cc	G Bottom	145
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	110



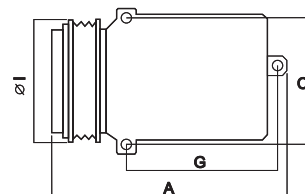
DENSO PN Compressor	447170-9230	Dimensions/Measurements (mm)	
Compressor Type	7SBU16C	A Length	235
Rotor Type	PV 4	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 150-170cc	G Bottom	145
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	125



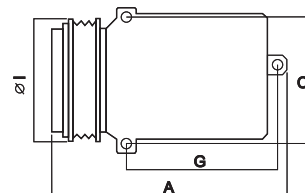
DENSO PN Compressor	447170-9240	Dimensions/Measurements (mm)	
Compressor Type	7SBU16C	A Length	235
Rotor Type	PV 5	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 150-170cc	G Bottom	145
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	110



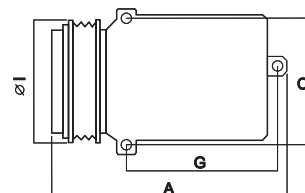
DENSO PN Compressor	447170-9250	Dimensions/Measurements (mm)	
Compressor Type	7SBU16C	A Length	235
Rotor Type	PV 5	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 150-170cc	G Bottom	145
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	110



DENSO PN Compressor	447180-3130	Dimensions/Measurements (mm)	
Compressor Type	7SBU16C	A Length	235
Rotor Type	PV 4	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 150-170cc	G Bottom	145
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	110

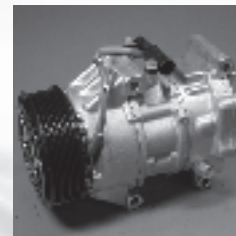
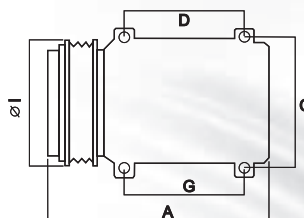


DENSO PN Compressor	447180-3140	Dimensions/Measurements (mm)	
Compressor Type	7SBU16C	A Length	235
Rotor Type	PV 4	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 150-170cc	G Bottom	145
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	110

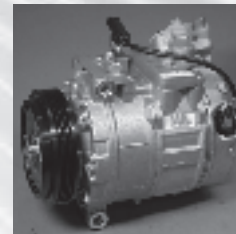
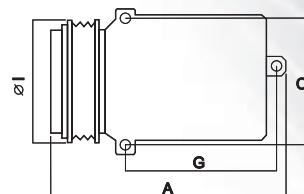


BMW continued

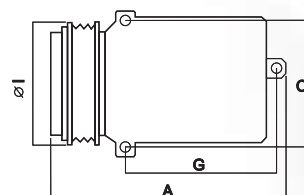
DENSO PN Compressor	447180-4760	Dimensions/Measurements (mm)	
Compressor Type	55A09C	A Length	195
Rotor Type	PV 7	C Height	128
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 80~100cc	G Bottom	78
Clutch Type; Voltage	DL	I Clutch Dia.	120



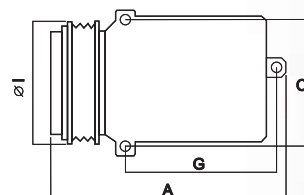
DENSO PN Compressor	447180-7550	Dimensions/Measurements (mm)	
Compressor Type	75EU17C	A Length	213
Rotor Type	PV 4	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 170~190cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	110



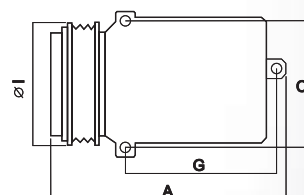
DENSO PN Compressor	447190-2560	Dimensions/Measurements (mm)	
Compressor Type	75BU16C	A Length	235
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 150~170cc	G Bottom	145
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	110



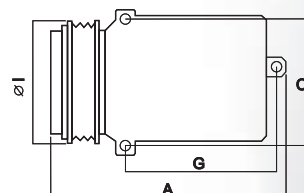
DENSO PN Compressor	447190-2570	Dimensions/Measurements (mm)	
Compressor Type	75EU17C	A Length	213
Rotor Type	PV 4	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 170~190cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	110



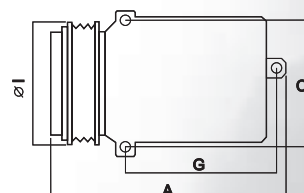
DENSO PN Compressor	447190-4600	Dimensions/Measurements (mm)	
Compressor Type	75BU16C	A Length	235
Rotor Type	PV 4	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 150~170cc	G Bottom	145
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	125



DENSO PN Compressor	447190-6260	Dimensions/Measurements (mm)	
Compressor Type	55E12C	A Length	212
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 140~160cc	G Bottom	135
Clutch Type; Voltage	DL	I Clutch Dia.	100

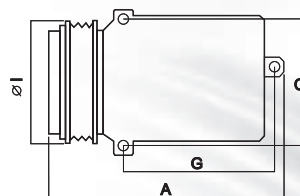


DENSO PN Compressor	447190-6870	Dimensions/Measurements (mm)	
Compressor Type	75EU17C	A Length	192
Rotor Type	PV 7	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 170~190cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	110

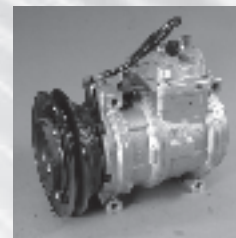
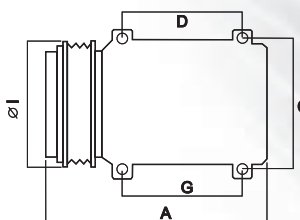


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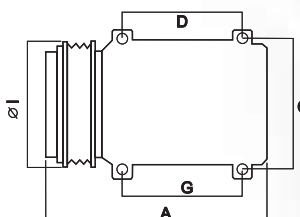
DENSO PN Compressor	447190-9520	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	215
Rotor Type	PV 5	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 170~190cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	100

**CHRYSLER**

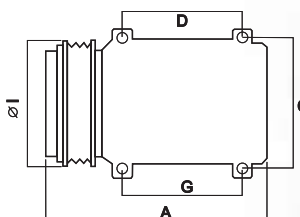
DENSO PN Compressor	447100-2430	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 120~160cc	G Bottom	115
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	143



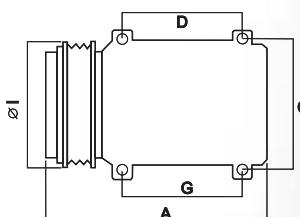
DENSO PN Compressor	447100-4080	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 120~160cc	G Bottom	115
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	143



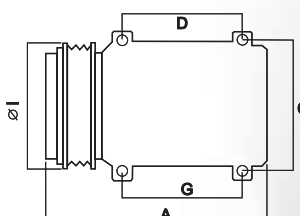
DENSO PN Compressor	447100-6600	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	115
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	135



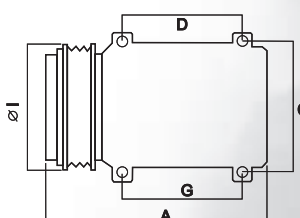
DENSO PN Compressor	447100-6610	Dimensions/Measurements (mm)	
Compressor Type	10PA17J	A Length	245
Rotor Type	PV 6	C Height	
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	155
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	125



DENSO PN Compressor	447100-7070	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	145



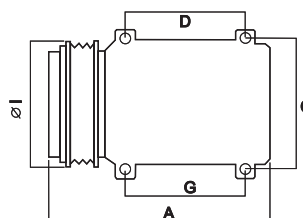
DENSO PN Compressor	447170-7040	Dimensions/Measurements (mm)	
Compressor Type	10S15M	A Length	
Rotor Type	PV 6	C Height	
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	
Clutch Type; Voltage	L50T; 12V	I Clutch Dia.	120



CHRYSLER <i>continued</i>		
DENSO PN Compressor	447170-7140	Dimensions/Measurements (mm)
Compressor Type		A Length
Rotor Type		C Height
Refrigerant Type		D Top
Oil Type; Quantity		G Bottom
Clutch Type; Voltage		I Clutch Dia.

No Image Available

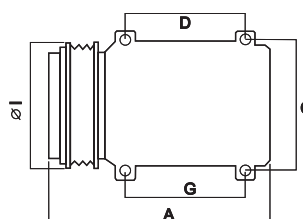
DENSO PN Compressor	447170-9480	Dimensions/Measurements (mm)	
Compressor Type	10S17C	A Length	220
Rotor Type	PV 6	C Height	129
Refrigerant Type	HFC134a	D Top	128
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	115
Clutch Type; Voltage	L50T; 12V	I Clutch Dia.	120



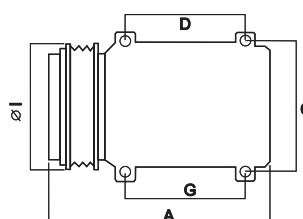
DENSO PN Compressor	447170-9700	Dimensions/Measurements (mm)	
Compressor Type		A Length	
Rotor Type		C Height	
Refrigerant Type		D Top	
Oil Type; Quantity		G Bottom	
Clutch Type; Voltage		I Clutch Dia.	

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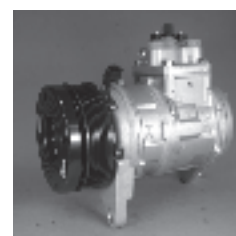
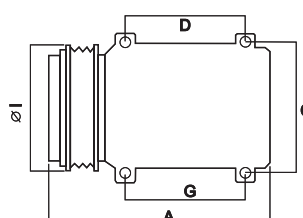
DENSO PN Compressor	447180-3920	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	115
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	135



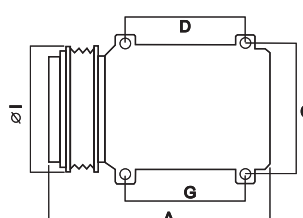
DENSO PN Compressor	447180-3960	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 200~215cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	143



DENSO PN Compressor	447180-3990	Dimensions/Measurements (mm)	
Compressor Type	10PA17J	A Length	250
Rotor Type	PV 6	C Height	
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 220~235cc	G Bottom	155
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	125



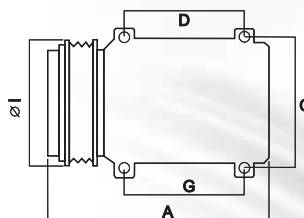
FENDT		
DENSO PN Compressor	147100-4770	Dimensions/Measurements (mm)
Compressor Type	10P15C	A Length
Rotor Type	Single V	C Height
Refrigerant Type	CFC12	D Top
Oil Type; Quantity	ND-6; 100~140cc	G Bottom
Clutch Type; Voltage	12V	I Clutch Dia.



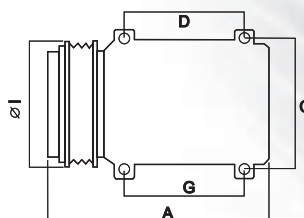
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FENDT *continued*

DENSO PN Compressor	147100-9370	Dimensions/Measurements (mm)	
Compressor Type	10P15C	A Length	215
Rotor Type	Single V	C Height	115
Refrigerant Type	CFC12	D Top	90
Oil Type; Quantity	ND-6; 100~140cc	G Bottom	78
Clutch Type; Voltage	12V	I Clutch Dia.	125



DENSO PN Compressor	447100-5050	Dimensions/Measurements (mm)	
Compressor Type	10PA15C	A Length	204
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	115
Oil Type; Quantity	ND-8; 160~200cc	G Bottom	103
Clutch Type; Voltage	12V	I Clutch Dia.	135



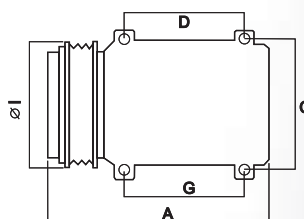
DENSO PN Compressor	047300-6160 Clutch	Dimensions/Measurements (mm)	
Compressor Type	-	A Length	-
Rotor Type	Single V	C Height	-
Refrigerant Type	-	D Top	-
Oil Type; Quantity	-	G Bottom	-
Clutch Type; Voltage	12V	I Clutch Dia.	123,6



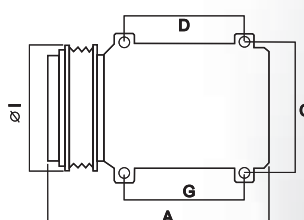
DENSO PN Compressor	447200-8580 Body	Dimensions/Measurements (mm)	
Compressor Type	10P15C	A Length	204
Rotor Type	Single V	C Height	128
Refrigerant Type	CFC12	D Top	115
Oil Type; Quantity	ND-6; 100~115cc	G Bottom	103
Clutch Type; Voltage	12V	I Clutch Dia.	135

**FIAT GROUP**

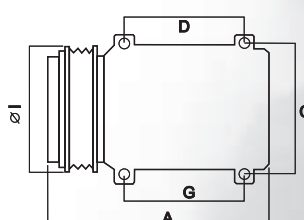
DENSO PN Compressor	447100-0020	Dimensions/Measurements (mm)	
Compressor Type	TV14EC	A Length	208
Rotor Type	PV 4	C Height	119
Refrigerant Type	HFC134a	D Top	95
Oil Type; Quantity	ND-9; 130~170cc	G Bottom	95
Clutch Type; Voltage	12V	I Clutch Dia.	125



DENSO PN Compressor	447100-0030	Dimensions/Measurements (mm)	
Compressor Type	TV14EC	A Length	208
Rotor Type	PV 4	C Height	119
Refrigerant Type	HFC134a	D Top	95
Oil Type; Quantity	ND-9; 130~170cc	G Bottom	95
Clutch Type; Voltage	12V	I Clutch Dia.	125

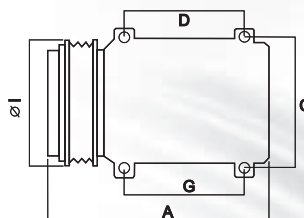


DENSO PN Compressor	447100-0420	Dimensions/Measurements (mm)	
Compressor Type	TV12EC	A Length	208
Rotor Type	PV 4 (2x)	C Height	119
Refrigerant Type	HFC134a	D Top	95
Oil Type; Quantity	ND-9; 130~170cc	G Bottom	95
Clutch Type; Voltage	12V	I Clutch Dia.	135

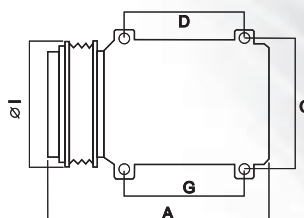


FIAT GROUP *continued*

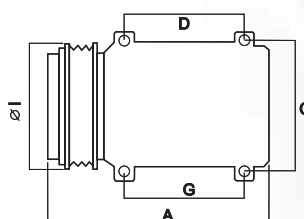
DENSO PN Compressor	447100-1530	Dimensions/Measurements (mm)	
Compressor Type	TV14EC	A Length	208
Rotor Type	PV 4	C Height	119
Refrigerant Type	HFC134a	D Top	95
Oil Type; Quantity	ND-9; 130~170cc	G Bottom	95
Clutch Type; Voltage	12V	I Clutch Dia.	125



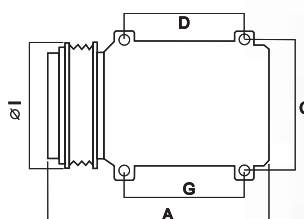
DENSO PN Compressor	447100-1560	Dimensions/Measurements (mm)	
Compressor Type	SC08C	A Length	197
Rotor Type	PV 5	C Height	119
Refrigerant Type	HFC134a	D Top	95
Oil Type; Quantity	ND-8; 60~100cc	G Bottom	95
Clutch Type; Voltage	12V	I Clutch Dia.	120



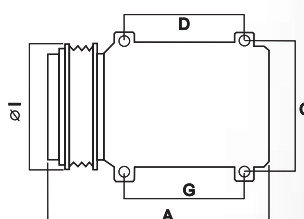
DENSO PN Compressor	447100-1870	Dimensions/Measurements (mm)	
Compressor Type	SCSB06C	A Length	178
Rotor Type	PV 4	C Height	119
Refrigerant Type	HFC134a	D Top	95
Oil Type; Quantity	ND-8; 30~70cc	G Bottom	95
Clutch Type; Voltage	LC20B; 12V	I Clutch Dia.	93



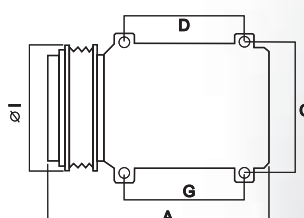
DENSO PN Compressor	447100-4980	Dimensions/Measurements (mm)	
Compressor Type	6CA17A	A Length	260
Rotor Type	PV 6	C Height	119
Refrigerant Type	HFC134a	D Top	119
Oil Type; Quantity	ND-8; 140~170cc	G Bottom	119
Clutch Type; Voltage	12V	I Clutch Dia.	135



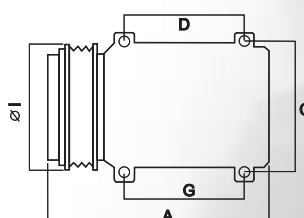
DENSO PN Compressor	447170-0050	Dimensions/Measurements (mm)	
Compressor Type	SC08C	A Length	204
Rotor Type	PV 4 (2x)	C Height	128
Refrigerant Type	HFC134a	D Top	110
Oil Type; Quantity	ND-8; 60~100cc	G Bottom	95
Clutch Type; Voltage	12V	I Clutch Dia.	130

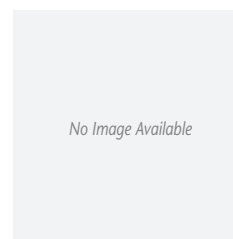
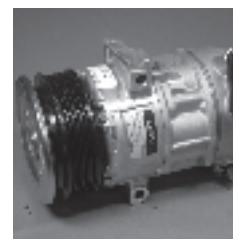
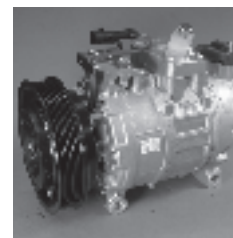


DENSO PN Compressor	447170-0560	Dimensions/Measurements (mm)	
Compressor Type	SCSC06C	A Length	192
Rotor Type	PV 5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 45~85cc	G Bottom	78
Clutch Type; Voltage	LC20; 12V	I Clutch Dia.	100



DENSO PN Compressor	447170-0690	Dimensions/Measurements (mm)	
Compressor Type	SCS08C	A Length	208
Rotor Type	PV 6	C Height	119
Refrigerant Type	HFC134a	D Top	95
Oil Type; Quantity	ND-8; 60~100cc	G Bottom	95
Clutch Type; Voltage	12V	I Clutch Dia.	120





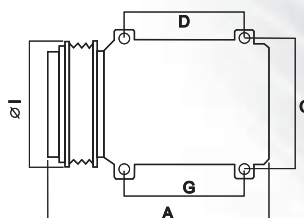
FIAT GROUP *continued*

DENSO PN Compressor	447190-9700	Dimensions/Measurements (mm)
Compressor Type	SSL12C	A Length
Rotor Type	PV 5	C Height
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 80~95cc	G Bottom
Clutch Type; Voltage	DL	I Clutch Dia. 110

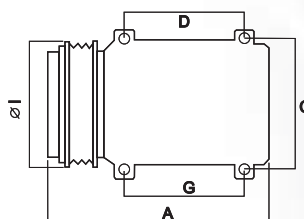
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IVECO

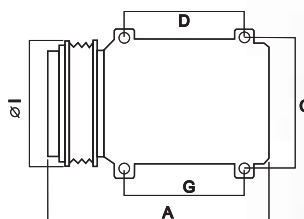
DENSO PN Compressor	447100-1520	Dimensions/Measurements (mm)
Compressor Type	SC08C	A Length 197
Rotor Type	PV 4	C Height 128
Refrigerant Type	HFC134a	D Top 110
Oil Type; Quantity	ND-8; 60~100cc	G Bottom 95
Clutch Type; Voltage	LS30	I Clutch Dia. 110



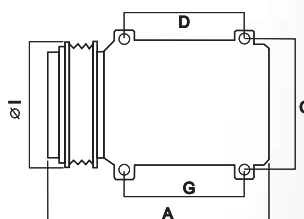
DENSO PN Compressor	447100-9750	Dimensions/Measurements (mm)
Compressor Type	10PA17C	A Length 213
Rotor Type	PV 4	C Height 128
Refrigerant Type	HFC134a	D Top 126
Oil Type; Quantity	ND-8; 200~215cc	G Bottom 115
Clutch Type; Voltage	LS0; 24V	I Clutch Dia. 120



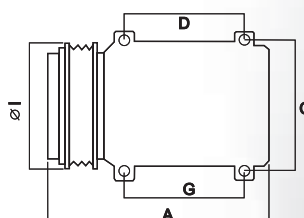
DENSO PN Compressor	447170-5430	Dimensions/Measurements (mm)
Compressor Type	10PA17	A Length 213
Rotor Type	PV 4	C Height 128
Refrigerant Type	HFC134a	D Top 126
Oil Type; Quantity	ND-8; 200~215cc	G Bottom 115
Clutch Type; Voltage	LS0	I Clutch Dia. 110



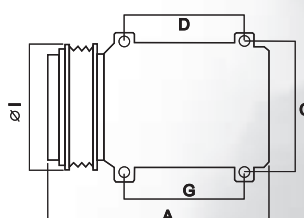
DENSO PN Compressor	447170-8600	Dimensions/Measurements (mm)
Compressor Type	10PA17C	A Length 213
Rotor Type	PV 4	C Height 128
Refrigerant Type	HFC134a	D Top 126
Oil Type; Quantity	ND-8; 200~215cc	G Bottom 115
Clutch Type; Voltage	12V	I Clutch Dia. 120



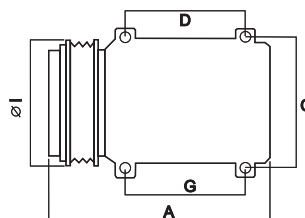
DENSO PN Compressor	447170-8610	Dimensions/Measurements (mm)
Compressor Type	10PA17C	A Length 215
Rotor Type	PV 4	C Height 128
Refrigerant Type	HFC134a	D Top 126
Oil Type; Quantity	ND-8; 200~215cc	G Bottom 115
Clutch Type; Voltage	12V	I Clutch Dia. 120



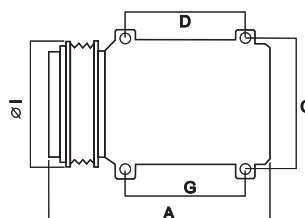
DENSO PN Compressor	447180-4900	Dimensions/Measurements (mm)
Compressor Type	10S17C	A Length 215
Rotor Type	PV 4	C Height 128
Refrigerant Type	HFC134a	D Top 126
Oil Type; Quantity	ND-8; 200~215cc	G Bottom 115
Clutch Type; Voltage	LS0	I Clutch Dia. 110



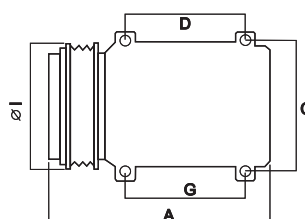
JAGUAR			
DENSO PN Compressor	447100-6260	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	245
Rotor Type	PV 4	C Height	128
Refrigerant Type	HFC134a	D Top	128
Oil Type; Quantity	ND-8; 180~195cc	G Bottom	115
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	126



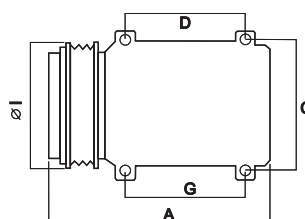
DENSO PN Compressor	447100-8430	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	247
Rotor Type	PV 7	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 180~195cc	G Bottom	78
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	124.8



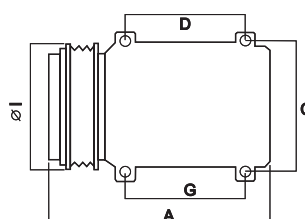
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Compressor Type	10PA17C	A Length	247
Rotor Type	PV 7	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 180~195cc	G Bottom	78
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	124.8



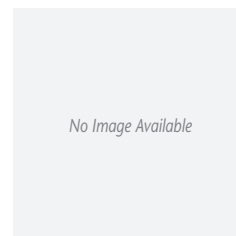
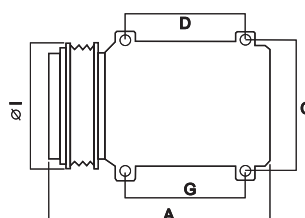
DENSO PN Compressor	447180-3190	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	215
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 120~135cc	G Bottom	77
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	110



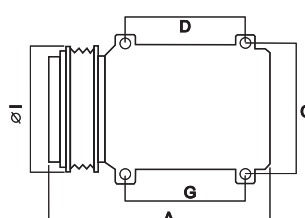
DENSO PN Compressor	447180-7460	Dimensions/Measurements (mm)	
Compressor Type	5SA12C	A Length	210
Rotor Type	PV6	C Height	128
Refrigerant Type	HFC134a	D Top	93
Oil Type; Quantity	ND-8; 140~160cc	G Bottom	88
Clutch Type; Voltage	LS30; 12V	I Clutch Dia.	115



JD			
DENSO PN Compressor	447100-2380	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	
Rotor Type	PV 8	C Height	
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 230~245cc	G Bottom	
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	140

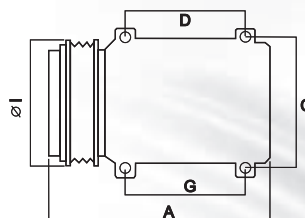


DENSO PN Compressor	447100-2990	Dimensions/Measurements (mm)	
Compressor Type	10PA15C	A Length	208
Rotor Type	Single V (2x)	C Height	128
Refrigerant Type	HFC134a	D Top	115
Oil Type; Quantity	ND-8; 150~170cc	G Bottom	103
Clutch Type; Voltage	12V	I Clutch Dia.	132.6

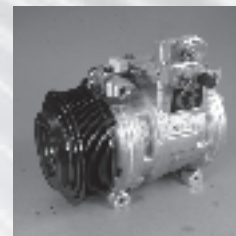
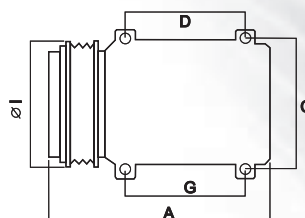


JD continued

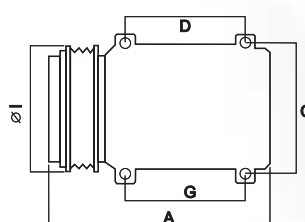
DENSO PN Compressor	447100-9790	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	220
Rotor Type	PV 8	C Height	128
Refrigerant Type	HFC134a	D Top	28
Oil Type; Quantity	ND-8; 230~245cc	G Bottom	115
Clutch Type; Voltage	L50; 24V	I Clutch Dia.	140



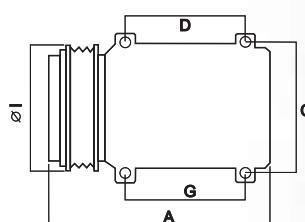
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Compressor Type	10PA15C	A Length	204
Rotor Type	PV 8	C Height	128
Refrigerant Type	HFC134a	D Top	115
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	103
Clutch Type; Voltage	12V	I Clutch Dia.	124.8



DENSO PN Compressor	447180-3480	Dimensions/Measurements (mm)	
Compressor Type	10PA15C	A Length	205
Rotor Type	PV 8	C Height	128
Refrigerant Type	HFC134a	D Top	115
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	103
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	119.6

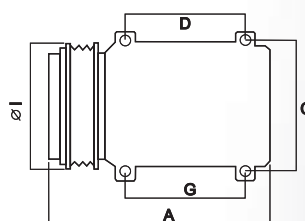


DENSO PN Compressor	447180-6380	Dimensions/Measurements (mm)	
Compressor Type	10PA15C	A Length	205
Rotor Type	PV 8	C Height	128
Refrigerant Type	HFC134a	D Top	115
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	103
Clutch Type; Voltage	L50; 12 V	I Clutch Dia.	119.6

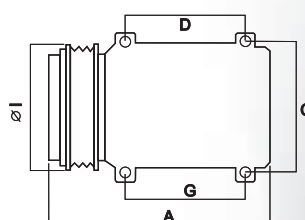


JEEP

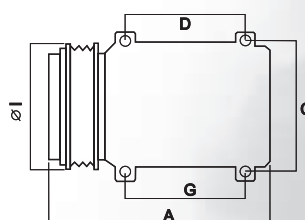
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Compressor Type	10PA17C	A Length	216
Rotor Type	Direct-Drive	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 220~235cc	G Bottom	78
Clutch Type; Voltage	12V	I Clutch Dia.	123.8



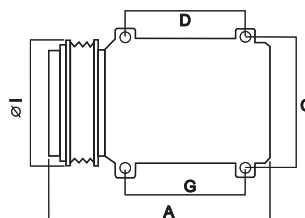
DENSO PN Compressor	447100-6290	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	Direct-Drive	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	78
Clutch Type; Voltage	12V	I Clutch Dia.	123.8



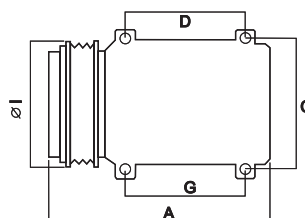
DENSO PN Compressor	447170-5380	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	215
Rotor Type	PV 8	C Height	128
Refrigerant Type	HFC134a	D Top	89
Oil Type; Quantity	ND-8; 230~245cc	G Bottom	77
Clutch Type; Voltage	12V	I Clutch Dia.	119.6



JEEP <i>continued</i>			
DENSO PN Compressor	447180-3970	Dimensions/Measurements (mm)	
Compressor Type	10PA17J	A Length	216
Rotor Type	PV 7	C Height	128
Refrigerant Type	HFC134a	D Top	126.5
Oil Type; Quantity	ND-8; 210~225cc	G Bottom	115
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	136.5



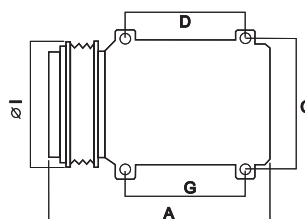
DENSO PN Compressor	447180-3980	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	126.5
Oil Type; Quantity	ND-8; 210~225cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	136.5



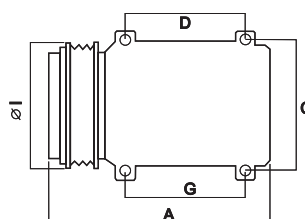
LANCIA --> Fiat Group

LAND ROVER

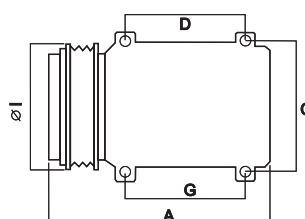
DENSO PN Compressor	447100-3280	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	PV 7	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 180~195cc	G Bottom	78
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	134.8



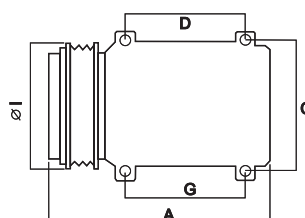
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Compressor Type	10PA17C	A Length	216
Rotor Type	PV 4	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 180~195cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	110



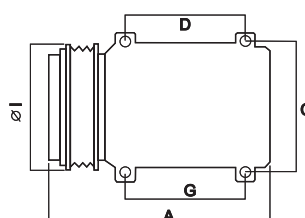
DENSO PN Compressor	447100-3300	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 180~195cc	G Bottom	78
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	125.9



DENSO PN Compressor	447100-9620	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	PV 5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	78
Clutch Type; Voltage	12V	I Clutch Dia.	126.4

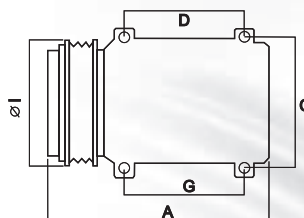


DENSO PN Compressor	447100-9630	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	240
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	78
Clutch Type; Voltage	12V	I Clutch Dia.	126

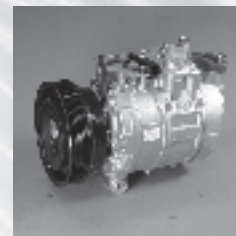
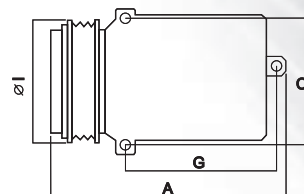


LAND ROVER *continued*

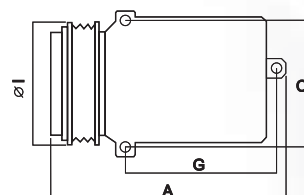
DENSO PN Compressor	447170-5060	Dimensions/Measurements (mm)
Compressor Type	10PA17C	A Length 215
Rotor Type	PV 7	C Height 128
Refrigerant Type	HFC134a	D Top 90
Oil Type; Quantity	ND-8; 180~195cc	G Bottom 78
Clutch Type; Voltage	L50; 12V	I Clutch Dia. 124.8



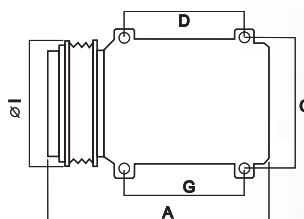
DENSO PN Compressor	447170-8240	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 228
Rotor Type	PV 5	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 141
Clutch Type; Voltage	L50S; 12V	I Clutch Dia. 126.5



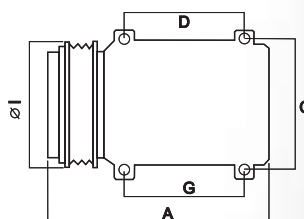
DENSO PN Compressor	447170-8250	Dimensions/Measurements (mm)
Compressor Type	7SBU17C	A Length 231
Rotor Type	PV 5	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 141
Clutch Type; Voltage	L50S; 12V	I Clutch Dia. 126



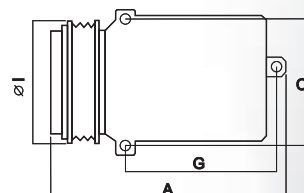
DENSO PN Compressor	447170-8280	Dimensions/Measurements (mm)
Compressor Type	10S17C	A Length 212
Rotor Type	PV 6	C Height 128
Refrigerant Type	HFC134a	D Top 90
Oil Type; Quantity	ND-8; 140~160cc	G Bottom 78
Clutch Type; Voltage	L50; 12V	I Clutch Dia. 126



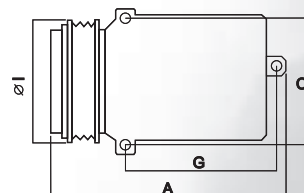
DENSO PN Compressor	447170-8290	Dimensions/Measurements (mm)
Compressor Type	10S17C	A Length 211
Rotor Type	PV 5	C Height 128
Refrigerant Type	HFC134a	D Top 90
Oil Type; Quantity	ND-8; 140~160cc	G Bottom 78
Clutch Type; Voltage	L50T; 12V	I Clutch Dia. 126



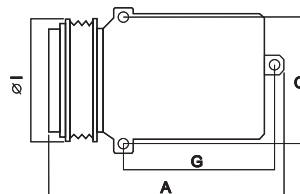
DENSO PN Compressor	447180-8360	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 192
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 120~140cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100



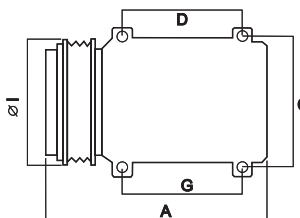
DENSO PN Compressor	447180-8370	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 192
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 120~140cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 110



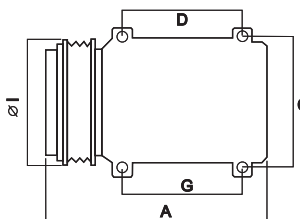
LAND ROVER <i>continued</i>			
DENSO PN Compressor	447180-8380	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	192
Rotor Type	PV 8	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 120~140cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	110



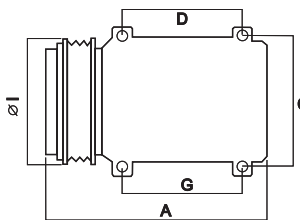
MERCEDES BENZ			
DENSO PN Compressor	247100-5910	Dimensions/Measurements (mm)	
Compressor Type	10P15C	A Length	228
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140~160cc	G Bottom	78
Clutch Type; Voltage	12V	I Clutch Dia.	120



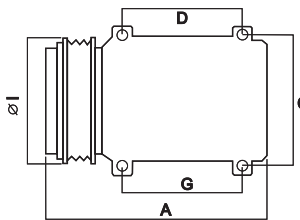
DENSO PN Compressor	247100-5920	Dimensions/Measurements (mm)	
Compressor Type	10P15	A Length	225
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140~160cc	G Bottom	78
Clutch Type; Voltage	12V	I Clutch Dia.	122



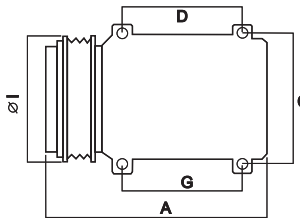
DENSO PN Compressor	247100-5930	Dimensions/Measurements (mm)	
Compressor Type	10P17C	A Length	240
Rotor Type	Single V	C Height	138
Refrigerant Type	HFC134a	D Top	94
Oil Type; Quantity	ND-8; 140~160cc	G Bottom	94
Clutch Type; Voltage	12V	I Clutch Dia.	128



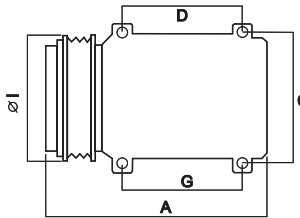
DENSO PN Compressor	447100-2010	Dimensions/Measurements (mm)	
Compressor Type	10PA20C	A Length	228
Rotor Type	PV 8	C Height	138
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	126
Clutch Type; Voltage	12V	I Clutch Dia.	120



DENSO PN Compressor	447100-2020	Dimensions/Measurements (mm)	
Compressor Type	10PA20C	A Length	228
Rotor Type	PV 8	C Height	138
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	126
Clutch Type; Voltage	12V	I Clutch Dia.	120

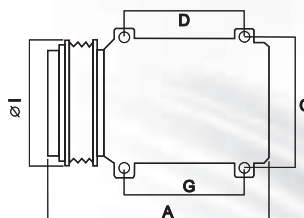


DENSO PN Compressor	447100-2030	Dimensions/Measurements (mm)	
Compressor Type	10PA20C	A Length	228
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	126
Clutch Type; Voltage	12V	I Clutch Dia.	130

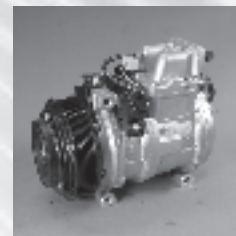
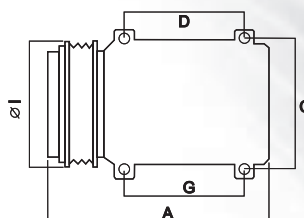


MERCEDES BENZ *continued*

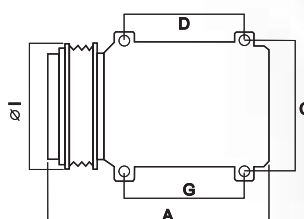
DENSO PN Compressor	447100-2060	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	230
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	120



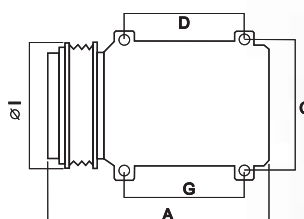
DENSO PN Compressor	447100-2070	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	231
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	125.9



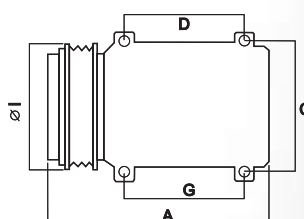
DENSO PN Compressor	447100-2160	Dimensions/Measurements (mm)	
Compressor Type	10PA15C	A Length	208
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	115
Oil Type; Quantity	ND-8; 140~160cc	G Bottom	103
Clutch Type; Voltage	130L; 24V	I Clutch Dia.	135



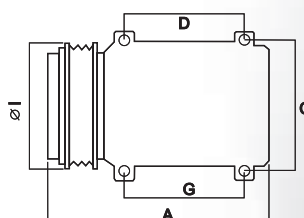
DENSO PN Compressor	447100-2190	Dimensions/Measurements (mm)	
Compressor Type	10PA15C	A Length	219
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	78
Clutch Type; Voltage	12V	I Clutch Dia.	125.8



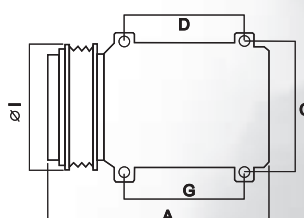
DENSO PN Compressor	447100-2200	Dimensions/Measurements (mm)	
Compressor Type	10PA15C	A Length	219
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	78
Clutch Type; Voltage	12V	I Clutch Dia.	134.8



DENSO PN Compressor	447100-2480	Dimensions/Measurements (mm)	
Compressor Type	6CA17C	A Length	241
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 130~160cc	G Bottom	126.5
Clutch Type; Voltage	12V	I Clutch Dia.	125.9

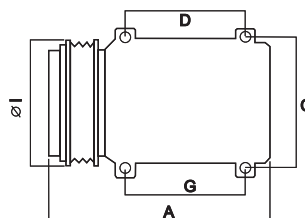


DENSO PN Compressor	447100-2650	Dimensions/Measurements (mm)	
Compressor Type	10PA20C	A Length	228
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160~175cc	G Bottom	126
Clutch Type; Voltage	12V	I Clutch Dia.	125.9

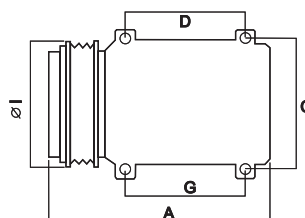


MERCEDES BENZ *continued*

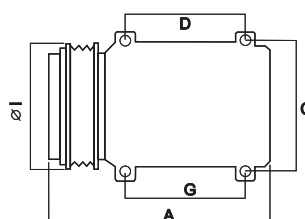
DENSO PN Compressor	447100-3020	Dimensions/Measurements (mm)	
Compressor Type	10P20C	A Length	227
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 160~180cc	G Bottom	126
Clutch Type; Voltage	12V	I Clutch Dia.	125.9



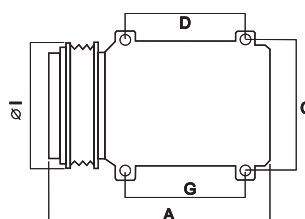
DENSO PN Compressor	447100-7430	Dimensions/Measurements (mm)	
Compressor Type	10PA20C	A Length	228
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 150~180cc	G Bottom	126
Clutch Type; Voltage	12V	I Clutch Dia.	125.7



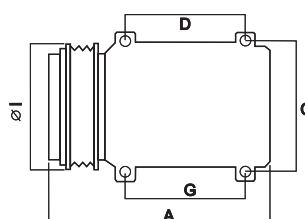
DENSO PN Compressor	447100-8620	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	216
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 140~155cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	125.9



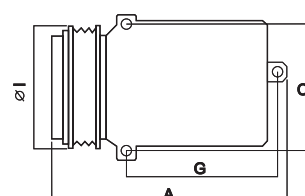
DENSO PN Compressor	447100-8630	Dimensions/Measurements (mm)	
Compressor Type	10P15C	A Length	219
Rotor Type	PV 6	C Height	128
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 130~160cc	G Bottom	115
Clutch Type; Voltage	12V	I Clutch Dia.	125.9



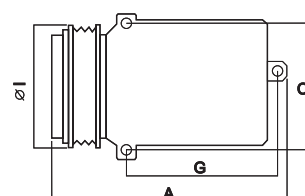
DENSO PN Compressor	447100-9950	Dimensions/Measurements (mm)	
Compressor Type	10P15C	A Length	225
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140~180cc	G Bottom	78
Clutch Type; Voltage	24V	I Clutch Dia.	136.7



DENSO PN Compressor	447150-0170	Dimensions/Measurements (mm)	
Compressor Type	6SEU14C	A Length	225
Rotor Type	PV 7	C Height	138
Refrigerant Type	HFC134a	D Top	140
Oil Type; Quantity	ND-8; 110~130cc	G Bottom	140
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	120

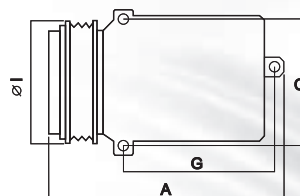


DENSO PN Compressor	447150-0230	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	192
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	145
Oil Type; Quantity	ND-8; 100~120cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	100

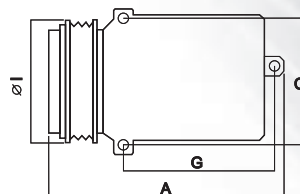


MERCEDES BENZ *continued*

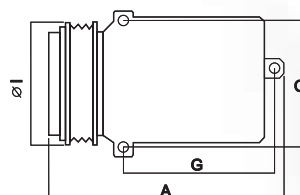
DENSO PN Compressor	447150-0240	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 192
Rotor Type	PV 8	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 100~120cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100



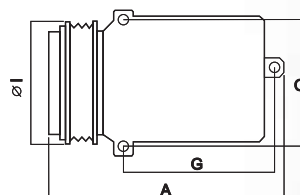
DENSO PN Compressor	447150-0260	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 192
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 100~120cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 110



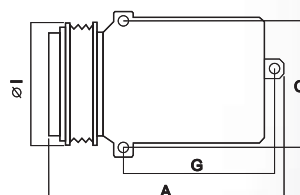
DENSO PN Compressor	447150-0270	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 192
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 130~150cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100



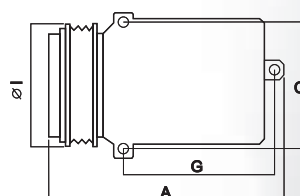
DENSO PN Compressor	447150-0280	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 192
Rotor Type	PV 8	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 130~150cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100



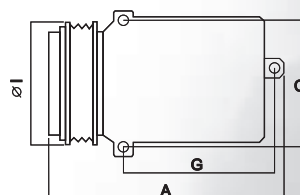
DENSO PN Compressor	447150-0430	Dimensions/Measurements (mm)
Compressor Type	6SEU16C	A Length 205
Rotor Type	PV 7	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 140
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100



DENSO PN Compressor	447150-0490	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 215
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 130~150cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 110

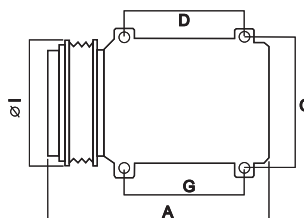


DENSO PN Compressor	447150-0700	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 192
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 100~120cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100

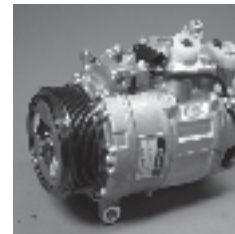
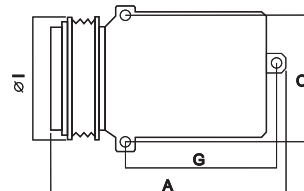


MERCEDES BENZ *continued*

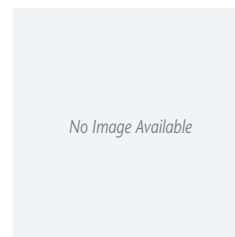
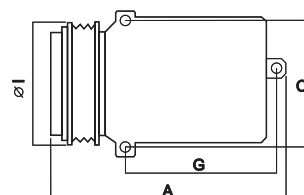
DENSO PN Compressor	447170-4910	Dimensions/Measurements (mm)
Compressor Type	10PA17C	A Length 205
Rotor Type	PV 9	C Height 130
Refrigerant Type	HFC134a	D Top 115
Oil Type; Quantity	ND-8; 160~175cc	G Bottom 102
Clutch Type; Voltage	L50; 24V	I Clutch Dia. 130



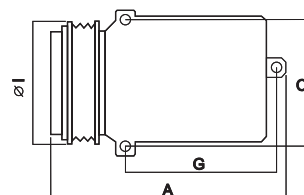
DENSO PN Compressor	447180-4130	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 210
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100



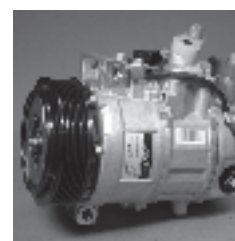
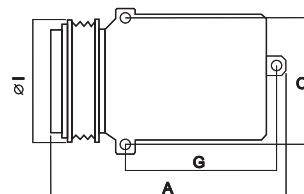
DENSO PN Compressor	447180-4140	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length
Rotor Type	PV 7	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100



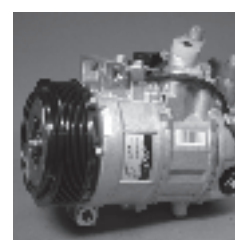
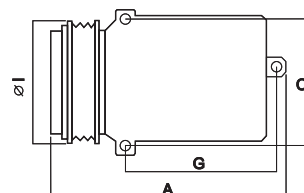
DENSO PN Compressor	447180-5510	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 192
Rotor Type	PV 7	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 140~160cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100



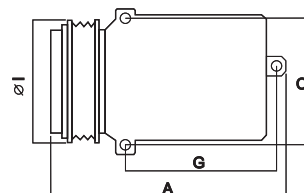
DENSO PN Compressor	447180-5650	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 208
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 140~160cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 115



DENSO PN Compressor	447180-7040	Dimensions/Measurements (mm)
Compressor Type	6SEU14C	A Length 208
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 140
Clutch Type; Voltage	DL	I Clutch Dia. 110

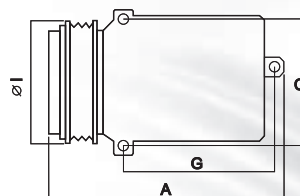


DENSO PN Compressor	447150-0470	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 220
Rotor Type	PV 7	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 120~150cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 120

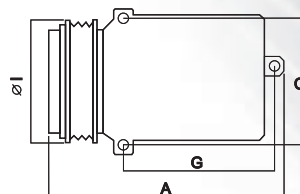


MERCEDES BENZ *continued*

DENSO PN Compressor	447180-9730	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 215
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 120~150cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100

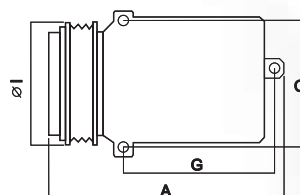


DENSO PN Compressor	447190-3370	Dimensions/Measurements (mm)
Compressor Type	6SEU16C	A Length 205
Rotor Type	PV 7	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 140
Clutch Type; Voltage	DL	I Clutch Dia. 100

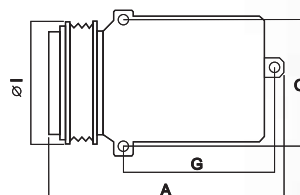


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DENSO PN Compressor	447190-3390	Dimensions/Measurements (mm)
Compressor Type	6SEU16C	A Length 210
Rotor Type	PV 6	C Height 170
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 145
Clutch Type; Voltage	DL	I Clutch Dia. 110

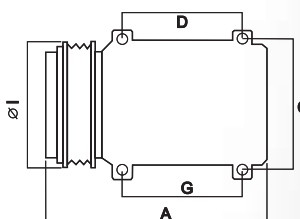


DENSO PN Compressor	447190-5240	Dimensions/Measurements (mm)
Compressor Type	6SEU16C	A Length 205
Rotor Type	PV 5	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 140
Clutch Type; Voltage	DL	I Clutch Dia. 110

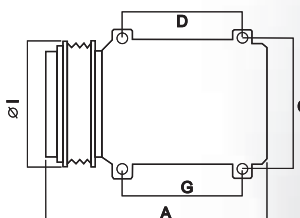


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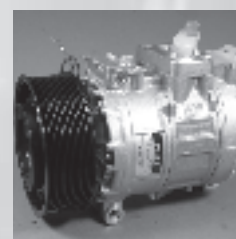
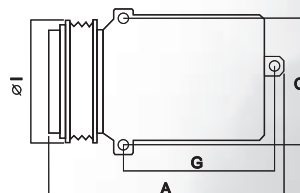
DENSO PN Compressor	447190-5500	Dimensions/Measurements (mm)
Compressor Type	10PA15C	A Length 209
Rotor Type	PV 9	C Height 128
Refrigerant Type	HFC134a	D Top 115
Oil Type; Quantity	ND-8; 140~160cc	G Bottom 103
Clutch Type; Voltage	24V	I Clutch Dia. 130



DENSO PN Compressor	447190-5510	Dimensions/Measurements (mm)
Compressor Type	10PA15C	A Length 208
Rotor Type	Single V	C Height 128
Refrigerant Type	HFC134a	D Top 115
Oil Type; Quantity	ND-8; 140~160cc	G Bottom 103
Clutch Type; Voltage	130L; 24V	I Clutch Dia. 135



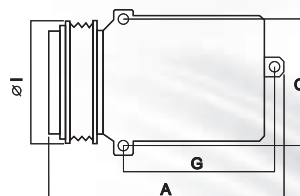
DENSO PN Compressor	447190-5520	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 231
Rotor Type	PV 11	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 165~185cc	G Bottom 141
Clutch Type; Voltage	L50S; 24V	I Clutch Dia. 134



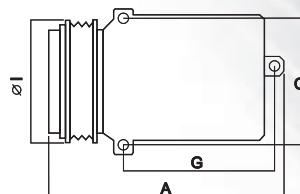


MERCEDES BENZ *continued*

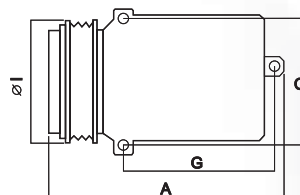
DENSO PN Compressor	447190-7820	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 225
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 165~185cc	G Bottom 141
Clutch Type; Voltage	DL	I Clutch Dia. 126



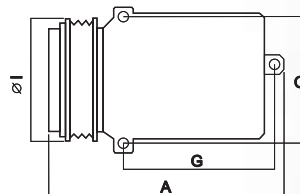
DENSO PN Compressor	447190-8030	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 235
Rotor Type	PV 9	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 165~185cc	G Bottom 141
Clutch Type; Voltage	12V	I Clutch Dia. 130



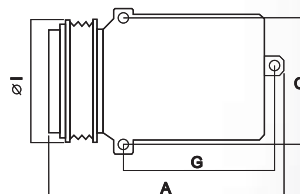
DENSO PN Compressor	447190-8230	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 215
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 180~200cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 110



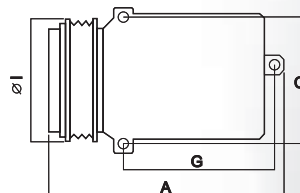
DENSO PN Compressor	447190-8280	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 215
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 110



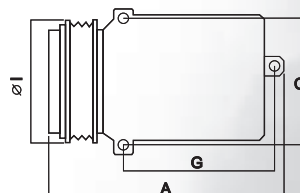
DENSO PN Compressor	447190-8310	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 208
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 140~160cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 100



DENSO PN Compressor	447190-8340	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 215
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 180~200cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 110

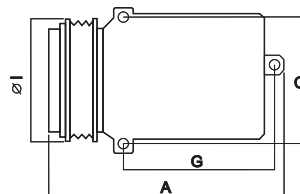


DENSO PN Compressor	447190-8370	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 215
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 160~180cc	G Bottom 140
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 110

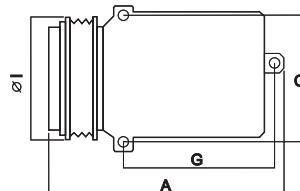


MERCEDES BENZ *continued*

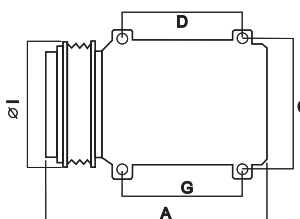
DENSO PN Compressor	447190-9360	Dimensions/Measurements (mm)
Compressor Type	6SEU12C	A Length 235
Rotor Type	PV 5	C Height 121
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 120~140cc	G Bottom 108
Clutch Type; Voltage	DL	I Clutch Dia. 110



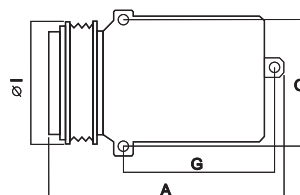
DENSO PN Compressor	447190-9370	Dimensions/Measurements (mm)
Compressor Type	6SEU14C	A Length 230
Rotor Type	PV 5	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 120~140cc	G Bottom 140
Clutch Type; Voltage	DL	I Clutch Dia. 110

**OPEL**

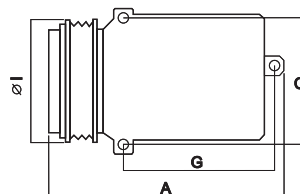
DENSO PN Compressor	447100-3360	Dimensions/Measurements (mm)
Compressor Type	6CA17C	A Length 249
Rotor Type	PV 4	C Height 128
Refrigerant Type	HFC134a	D Top 127
Oil Type; Quantity	ND-8; 140~170cc	G Bottom 155
Clutch Type; Voltage	12V	I Clutch Dia. 126.2



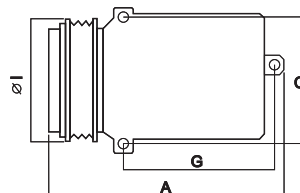
DENSO PN Compressor	447170-8640	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 228
Rotor Type	PV 6	C Height 139
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 141
Clutch Type; Voltage	L50S; 12V	I Clutch Dia. 125.5



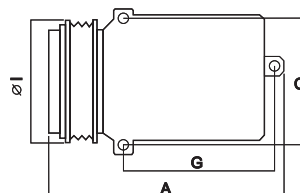
DENSO PN Compressor	447170-8650	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 228
Rotor Type	PV 5	C Height 139
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 141
Clutch Type; Voltage	L50S; 12V	I Clutch Dia. 110.2



DENSO PN Compressor	447170-8660	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 235
Rotor Type	PV 6	C Height 139
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 141
Clutch Type; Voltage	L50S; 12V	I Clutch Dia. 114.8

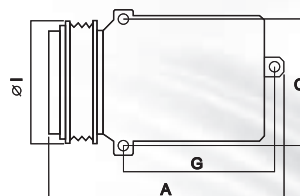


DENSO PN Compressor	447170-8920	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 235
Rotor Type	PV 4	C Height 139
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 135~155cc	G Bottom 145
Clutch Type; Voltage	12V	I Clutch Dia. 126.2



OPEL *continued*

DENSO PN Compressor	447170-9420	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 235
Rotor Type	PV 5	C Height 139
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 150~170cc	G Bottom 145
Clutch Type; Voltage	L50S; 12V	I Clutch Dia. 110



DENSO PN Compressor	447190-5030	Dimensions/Measurements (mm)
Compressor Type	5SL12C	A Length
Rotor Type	PV 5	C Height
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 80~95cc	G Bottom
Clutch Type; Voltage	DL	I Clutch Dia. 110

No Image Available

DENSO PN Compressor	447190-5040	Dimensions/Measurements (mm)
Compressor Type	5SL12C	A Length
Rotor Type	PV 5	C Height
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 80~95cc	G Bottom
Clutch Type; Voltage	DL	I Clutch Dia. 110

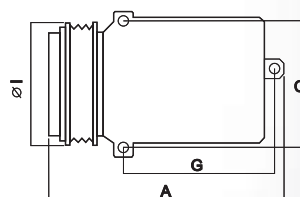
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DENSO PN Compressor	447190-5550	Dimensions/Measurements (mm)
Compressor Type	5SL12C	A Length
Rotor Type	PV 6	C Height
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 80~95cc	G Bottom
Clutch Type; Voltage	DL	I Clutch Dia. 110

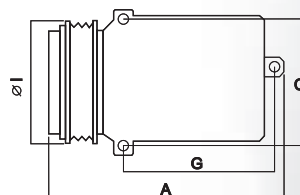
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PSA

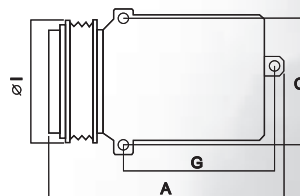
DENSO PN Compressor	447150-0220	Dimensions/Measurements (mm)
Compressor Type	6SEL16C	A Length 210
Rotor Type	PV 6	C Height
Refrigerant Type	HFC134a	D Top 128
Oil Type; Quantity	ND-8; 180~195cc	G Bottom 93
Clutch Type; Voltage	DL	I Clutch Dia. 118.6



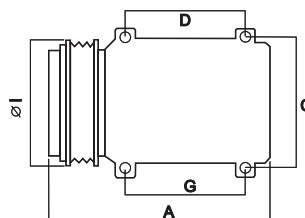
DENSO PN Compressor	447190-8110	Dimensions/Measurements (mm)
Compressor Type	5SEL12C	A Length 215
Rotor Type	PV 6	C Height 150
Refrigerant Type	HFC134a	D Top 101
Oil Type; Quantity	ND-8; 80~95cc	G Bottom
Clutch Type; Voltage	DL	I Clutch Dia. 119



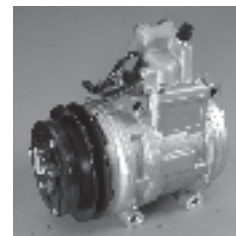
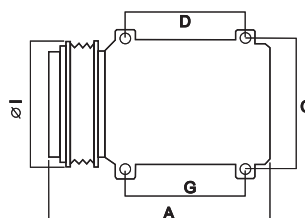
DENSO PN Compressor	447190-8120	Dimensions/Measurements (mm)
Compressor Type	6SEL16C	A Length 210
Rotor Type	PV 6	C Height
Refrigerant Type	HFC134a	D Top 128
Oil Type; Quantity	ND-8; 110~125cc	G Bottom 91
Clutch Type; Voltage	DL	I Clutch Dia. 118.6



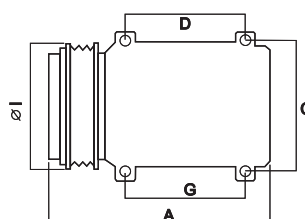
Porsche			
DENSO PN Compressor	047100-9750	Dimensions/Measurements (mm)	
Compressor Type	10P15E	A Length	225
Rotor Type	PV 6	C Height	
Refrigerant Type	CFC12	D Top	100
Oil Type; Quantity	ND-6; 60~100cc	G Bottom	92
Clutch Type; Voltage	P; 12V	I Clutch Dia.	124.8



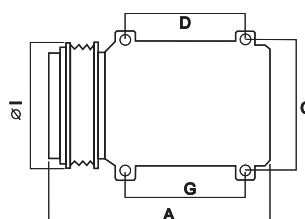
DENSO PN Compressor	147100-5430	Dimensions/Measurements (mm)	
Compressor Type	10PA15C	A Length	191
Rotor Type	Single V	C Height	128
Refrigerant Type	CFC12	D Top	90
Oil Type; Quantity	ND-6; 80~120cc	G Bottom	78
Clutch Type; Voltage	L; 12V	I Clutch Dia.	121.5



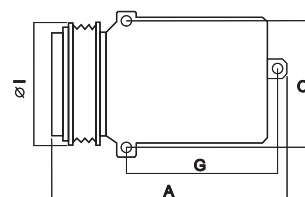
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Compressor Type	10PA15C	A Length	204
Rotor Type	Single V	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 100~140cc	G Bottom	78
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	126.9



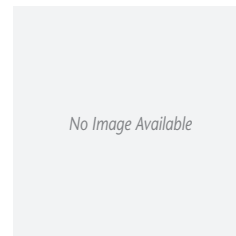
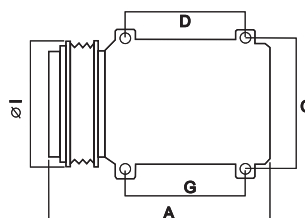
DENSO PN Compressor	447100-2350	Dimensions/Measurements (mm)	
Compressor Type	10PA20C	A Length	227
Rotor Type	Single V	C Height	138
Refrigerant Type	HFC134a	D Top	126
Oil Type; Quantity	ND-8; 150~180cc	G Bottom	126
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	133.2



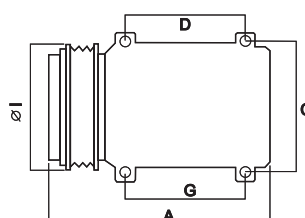
DENSO PN Compressor	447190-9620	Dimensions/Measurements (mm)	
Compressor Type	7SBU16C	A Length	231
Rotor Type	PV 6	C Height	139
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 185~205cc	G Bottom	141
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	126



Renault			
DENSO PN Compressor	447170-0660	Dimensions/Measurements (mm)	
Compressor Type	SC08C	A Length	196
Rotor Type	PV 4	C Height	128
Refrigerant Type	HFC134a	D Top	110
Oil Type; Quantity	ND-8; 60~100cc	G Bottom	95
Clutch Type; Voltage	LS30; 12V	I Clutch Dia.	105

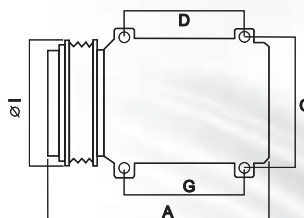


DENSO PN Compressor	447170-2310	Dimensions/Measurements (mm)	
Compressor Type	10PA15C	A Length	205
Rotor Type	PV 8	C Height	146
Refrigerant Type	HFC134a	D Top	123
Oil Type; Quantity	ND-8; 220~235cc	G Bottom	115
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	119.6

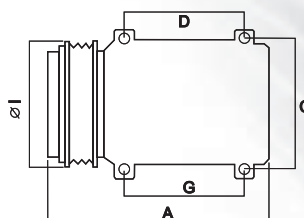


RENAULT *continued*

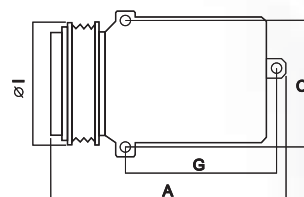
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Compressor Type	10PA15C	A Length	205
Rotor Type	PV 8	C Height	146
Refrigerant Type	HFC134a	D Top	123
Oil Type; Quantity	ND-8; 220~235cc	G Bottom	115
Clutch Type; Voltage	L50; 12V	I Clutch Dia.	119.6

**ROVER**

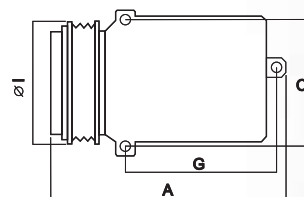
DENSO PN Compressor	447100-2400	Dimensions/Measurements (mm)	
Compressor Type	6CA17A	A Length	250
Rotor Type	PV 5	C Height	104
Refrigerant Type	HFC134a	D Top	112
Oil Type; Quantity	ND-8; 140~170cc	G Bottom	112
Clutch Type; Voltage	L50CA; 12V	I Clutch Dia.	130



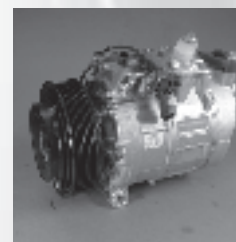
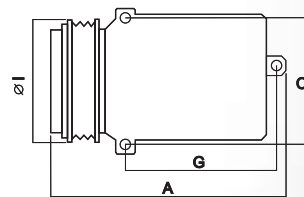
DENSO PN Compressor	447170-8230	Dimensions/Measurements (mm)	
Compressor Type	7SBU16C	A Length	228
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 110~130cc	G Bottom	141
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	125.6



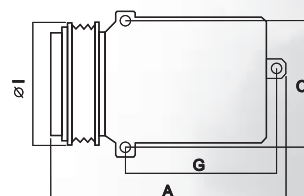
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Compressor Type	7SBU16C	A Length	228
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 135~155cc	G Bottom	141
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	120

**SAAB**

DENSO PN Compressor	447170-5550	Dimensions/Measurements (mm)	
Compressor Type	7SBU16C	A Length	231
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 135~155cc	G Bottom	141
Clutch Type; Voltage	L50S; 12V	I Clutch Dia.	125.6

**SEAT --> Volkswagen Group****SKODA --> Volkswagen Group****SMART**

DENSO PN Compressor	447190-3500	Dimensions/Measurements (mm)	
Compressor Type	5SE09C	A Length	215
Rotor Type	PV 4	C Height	121
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 80~95cc	G Bottom	115
Clutch Type; Voltage	DL	I Clutch Dia.	100



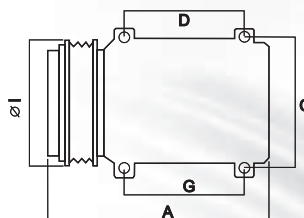
DENSO PN Compressor	447190-9790	Dimensions/Measurements (mm)	
Compressor Type	5SE09C	A Length	205
Rotor Type	PV 4	C Height	150
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 80~95cc	G Bottom	110
Clutch Type; Voltage	DL	I Clutch Dia.	100



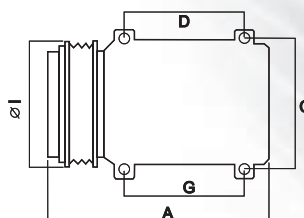


TOYOTA *continued*

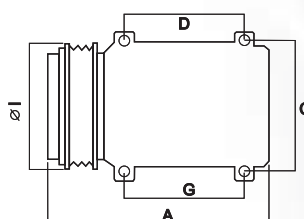
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Compressor Type	10PA15C	A Length	201.5
Rotor Type	L50 PV4	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140cc	G Bottom	78
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	140



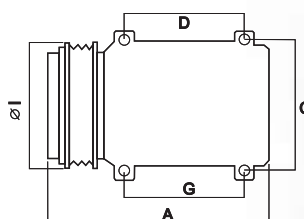
DENSO PN Compressor	447170-2890	Dimensions/Measurements (mm)	
Compressor Type	10PA15L	A Length	213.5
Rotor Type	L50 PV5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140cc	G Bottom	78
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	120



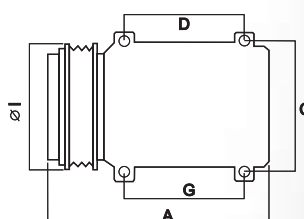
DENSO PN Compressor	447170-3400	Dimensions/Measurements (mm)	
Compressor Type	10PA15L	A Length	213.5
Rotor Type	L50 PV5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 120cc	G Bottom	78
Clutch Type; Voltage	/12V	I Clutch Dia.	120



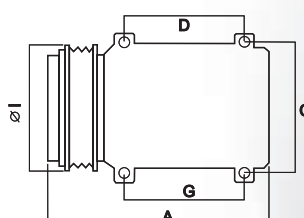
DENSO PN Compressor	447170-3700	Dimensions/Measurements (mm)	
Compressor Type	10PA15L	A Length	213.5
Rotor Type	PV-4	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140cc	G Bottom	78
Clutch Type; Voltage	L50, DC12V; 12V	I Clutch Dia.	120



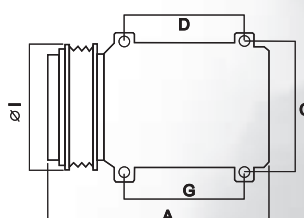
DENSO PN Compressor	447170-5530	Dimensions/Measurements (mm)	
Compressor Type	10S15C	A Length	193
Rotor Type	PV-4	C Height	128
Refrigerant Type	HFC134a	D Top	97.5
Oil Type; Quantity	ND-8; 120cc	G Bottom	82
Clutch Type; Voltage	LS45, DC12V; 12V	I Clutch Dia.	140



DENSO PN Compressor	447170-5790	Dimensions/Measurements (mm)	
Compressor Type	10S15L	A Length	210
Rotor Type	PV-5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 120cc	G Bottom	78
Clutch Type; Voltage	LS45, DC12V; 12V	I Clutch Dia.	120

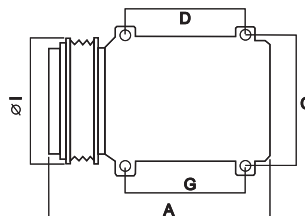


DENSO PN Compressor	447170-6210	Dimensions/Measurements (mm)	
Compressor Type	10S15L	A Length	210.5
Rotor Type	LS0T PV5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140cc	G Bottom	78
Clutch Type; Voltage	/12V	I Clutch Dia.	120

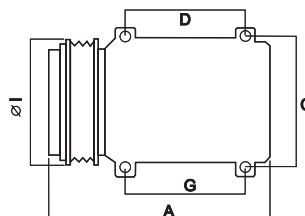


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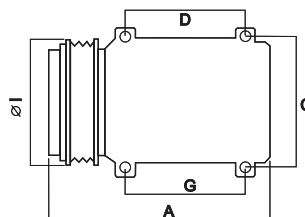
DENSO PN Compressor	447170-6600	Dimensions/Measurements (mm)	
Compressor Type	10S15L	A Length	205
Rotor Type	PV-6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 100cc	G Bottom	78
Clutch Type; Voltage	LS45, DC12V; 12V	I Clutch Dia.	140



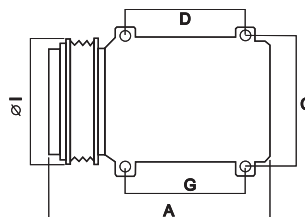
DENSO PN Compressor	447170-7380	Dimensions/Measurements (mm)	
Compressor Type	10S17C	A Length	205
Rotor Type	PV-7	C Height	Fr:132, Rr:139
Refrigerant Type	HFC134a	D Top	102
Oil Type; Quantity	ND-8; 195cc	G Bottom	82
Clutch Type; Voltage	LS45, DC12V; 12V	I Clutch Dia.	120



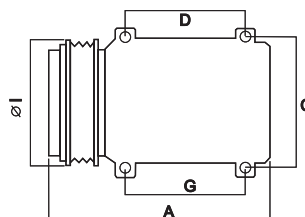
DENSO PN Compressor	447170-7650	Dimensions/Measurements (mm)	
Compressor Type	10S15L	A Length	205
Rotor Type	LS45 PV6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 140cc	G Bottom	78
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	140



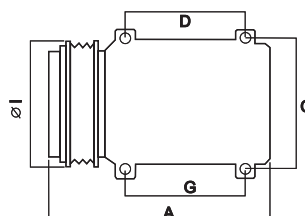
DENSO PN Compressor	447170-7660	Dimensions/Measurements (mm)	
Compressor Type	10S15C	A Length	193
Rotor Type	LS45 PV7	C Height	Fr : 132, Rr : 139
Refrigerant Type	HFC134a	D Top	102
Oil Type; Quantity	ND-8; 140cc	G Bottom	82
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	150



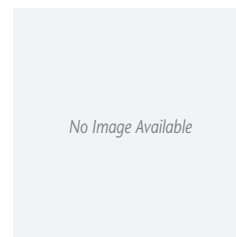
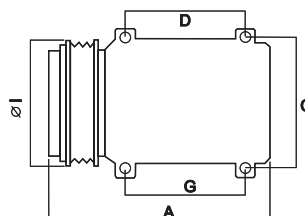
DENSO PN Compressor	447170-8140	Dimensions/Measurements (mm)	
Compressor Type	10S17C	A Length	205
Rotor Type	PV-7	C Height	Fr:132, Rr:139
Refrigerant Type	HFC134a	D Top	102
Oil Type; Quantity	ND-8; 120cc	G Bottom	82
Clutch Type; Voltage	LS45, DC12V; 12V	I Clutch Dia.	130



DENSO PN Compressor	447170-9440	Dimensions/Measurements (mm)	
Compressor Type	10S15C	A Length	193
Rotor Type	PV-7	C Height	Fr:132, Rr:139
Refrigerant Type	HFC134a	D Top	102
Oil Type; Quantity	ND-8; 120cc	G Bottom	82
Clutch Type; Voltage	LS45, DC12V; 12V	I Clutch Dia.	120

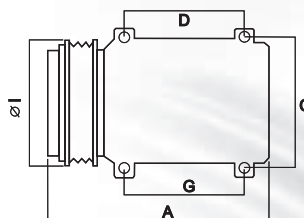


DENSO PN Compressor	447170-9450	Dimensions/Measurements (mm)	
Compressor Type	10S17C	A Length	205
Rotor Type	PV-7	C Height	Fr:132, Rr:139
Refrigerant Type	HFC134a	D Top	102
Oil Type; Quantity	ND-8; 200cc	G Bottom	82
Clutch Type; Voltage	LS45, DC12V; 12V	I Clutch Dia.	120

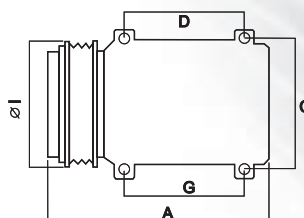


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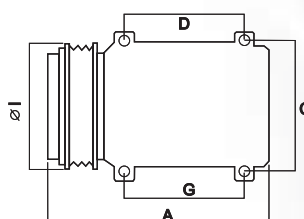
DENSO PN Compressor	447170-9460	Dimensions/Measurements (mm)	
Compressor Type	10S15L	A Length	210
Rotor Type	PV-5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 120cc	G Bottom	78
Clutch Type; Voltage	LS45, DC12V; 12V	I Clutch Dia.	115



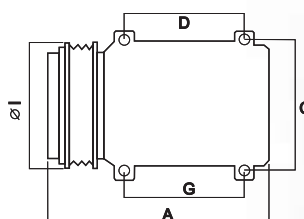
DENSO PN Compressor	447170-9470	Dimensions/Measurements (mm)	
Compressor Type	10S17C	A Length	210
Rotor Type	PV-5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 200cc	G Bottom	78
Clutch Type; Voltage	LS45, DC12V; 12V	I Clutch Dia.	115



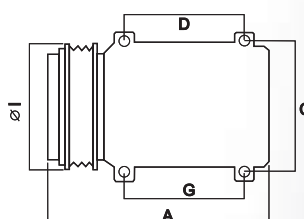
DENSO PN Compressor	447180-4510	Dimensions/Measurements (mm)	
Compressor Type	5SE12C	A Length	220.9MAX
Rotor Type	PV-6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 90cc	G Bottom	78
Clutch Type; Voltage	DL pulley	I Clutch Dia.	120



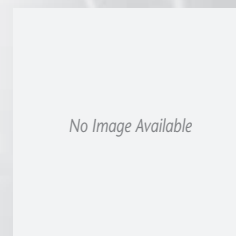
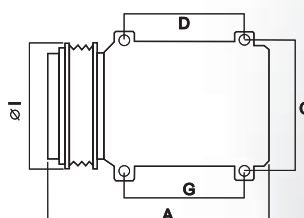
DENSO PN Compressor	447180-5540	Dimensions/Measurements (mm)	
Compressor Type	10PA17C	A Length	213.5
Rotor Type	PV-4	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 220cc	G Bottom	78
Clutch Type; Voltage	LS0, DC12V; 12V	I Clutch Dia.	120



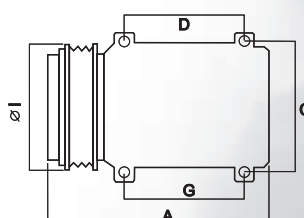
DENSO PN Compressor	447180-5640	Dimensions/Measurements (mm)	
Compressor Type	5SE12C	A Length	220.93MAX
Rotor Type	PV-7	C Height	Fr:132, Rr:139
Refrigerant Type	HFC134a	D Top	102
Oil Type; Quantity	ND-8; 90cc	G Bottom	82
Clutch Type; Voltage	DL pulley	I Clutch Dia.	130

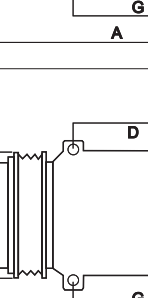
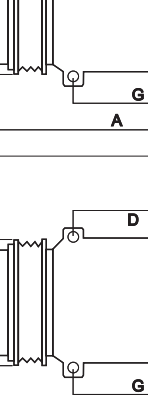
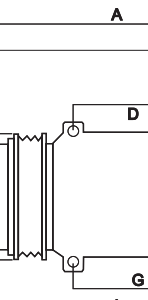
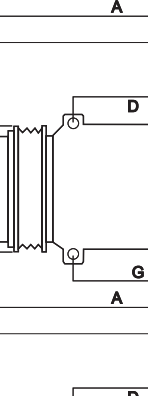
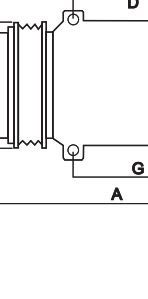


DENSO PN Compressor	447180-5940	Dimensions/Measurements (mm)	
Compressor Type	5SE09	A Length	189.8
Rotor Type	DL pulley PV6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 60cc	G Bottom	78
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	115



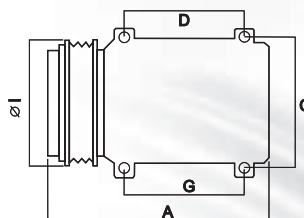
DENSO PN Compressor	447180-7780	Dimensions/Measurements (mm)	
Compressor Type	10S17C	A Length	209.3
Rotor Type	PV-5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 195cc	G Bottom	78
Clutch Type; Voltage	LC45, DC12V; 12V	I Clutch Dia.	115



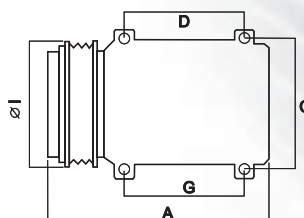
	
	
	

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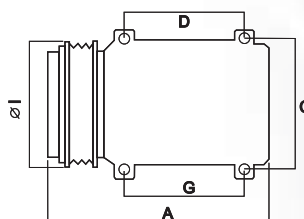
DENSO PN Compressor	447180-8640	Dimensions/Measurements (mm)	
Compressor Type	5SE12C	A Length	211.7
Rotor Type	PV-5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 90cc	G Bottom	78
Clutch Type; Voltage	DL pulley	I Clutch Dia.	100



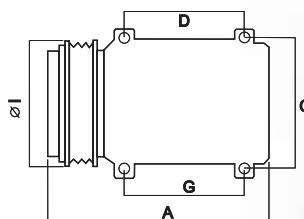
DENSO PN Compressor	447180-8670	Dimensions/Measurements (mm)	
Compressor Type	SCSA06	A Length	193.4
Rotor Type	LS20 PV5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 60cc	G Bottom	78
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	115



DENSO PN Compressor	447180-8750	Dimensions/Measurements (mm)	
Compressor Type	SCSA06	A Length	193.4
Rotor Type	LC20 PV4	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 60cc	G Bottom	78
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	110

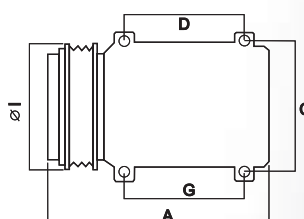


DENSO PN Compressor	447180-8780	Dimensions/Measurements (mm)	
Compressor Type	SCSA06	A Length	193.4
Rotor Type	LC20 PV4	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 60cc	G Bottom	78
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	115



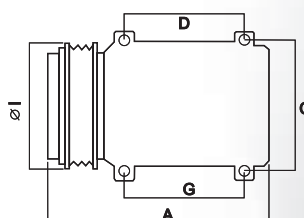
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DENSO PN Compressor	447180-8840	Dimensions/Measurements (mm)	
Compressor Type	SCSA06	A Length	193.4
Rotor Type	LS20 PV5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 60cc	G Bottom	78
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	120



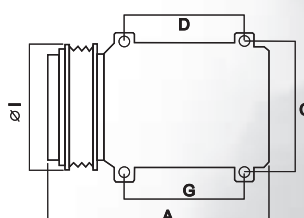
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DENSO PN Compressor	447180-8900	Dimensions/Measurements (mm)	
Compressor Type	10S17C	A Length	205
Rotor Type	PV-7	C Height	Fr:132, Rr:139
Refrigerant Type	HFC134a	D Top	102
Oil Type; Quantity	ND-8; 195cc	G Bottom	82
Clutch Type; Voltage	LC45, DC12V; 12V	I Clutch Dia.	120



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DENSO PN Compressor	447180-9090	Dimensions/Measurements (mm)	
Compressor Type	SCSA06C	A Length	193.4
Rotor Type	LC20 PV6	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 60cc	G Bottom	78
Clutch Type; Voltage	/12V; 12V	I Clutch Dia.	93

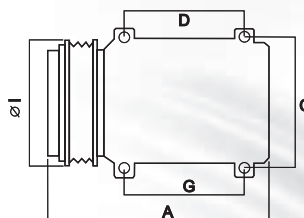


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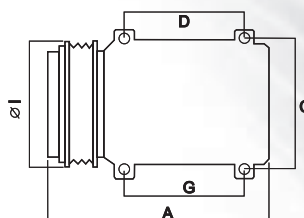
TOYOTA *continued*

DENSO PN Compressor	447190-3660	Dimensions/Measurements (mm)	
Compressor Type	5SE12C	A Length	214.23MAX
Rotor Type	PV-7	C Height	Fr:132, Rr:139
Refrigerant Type	HFC134a	D Top	102
Oil Type; Quantity	ND-8; 90cc	G Bottom	82
Clutch Type; Voltage	DL pulley	I Clutch Dia.	130



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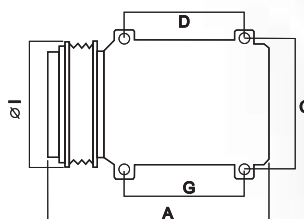
DENSO PN Compressor	447190-5450	Dimensions/Measurements (mm)	
Compressor Type	5SE12C	A Length	211.7
Rotor Type	PV-5	C Height	128
Refrigerant Type	HFC134a	D Top	90
Oil Type; Quantity	ND-8; 90cc	G Bottom	78
Clutch Type; Voltage	DL pulley	I Clutch Dia.	100



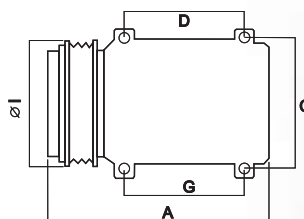
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VW GROUP

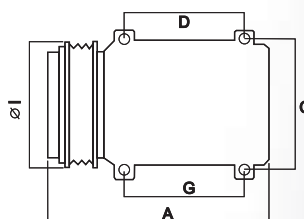
DENSO PN Compressor	147100-1600	Dimensions/Measurements (mm)	
Compressor Type	10P17C	A Length	240
Rotor Type	Single V	C Height	138
Refrigerant Type	CFC12	D Top	94
Oil Type; Quantity	ND-6; 90~110cc	G Bottom	94
Clutch Type; Voltage	12V	I Clutch Dia.	130



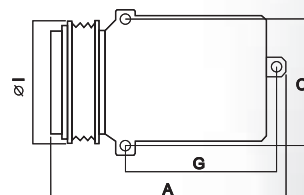
DENSO PN Compressor	147100-2890	Dimensions/Measurements (mm)	
Compressor Type	10P17C	A Length	240
Rotor Type	Single V	C Height	138
Refrigerant Type	CFC12	D Top	94
Oil Type; Quantity	ND-6; 90~110cc	G Bottom	94
Clutch Type; Voltage	12V	I Clutch Dia.	130



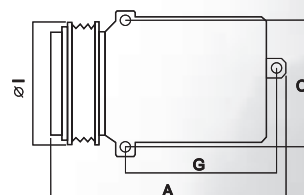
DENSO PN Compressor	247100-4080	Dimensions/Measurements (mm)	
Compressor Type	10P17C	A Length	240
Rotor Type	PV 6	C Height	138
Refrigerant Type	CFC12	D Top	94
Oil Type; Quantity	ND-6; 90~110cc	G Bottom	94
Clutch Type; Voltage	12V	I Clutch Dia.	120



DENSO PN Compressor	447150-0110	Dimensions/Measurements (mm)	
Compressor Type	7SEU16C	A Length	225
Rotor Type	PV 4	C Height	138
Refrigerant Type	HFC134a	D Top	145
Oil Type; Quantity	ND-8; 235~255cc	G Bottom	145
Clutch Type; Voltage	DL	I Clutch Dia.	110



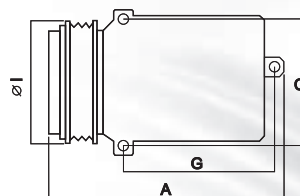
DENSO PN Compressor	447150-0120	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	145
Oil Type; Quantity	ND-8; 110~130cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	110



No Image Available

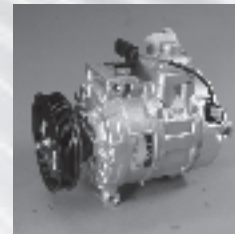
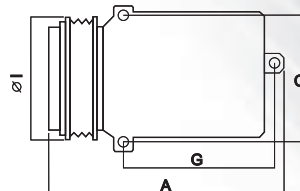
VW GROUP *continued*

DENSO PN Compressor	447180-4720	Dimensions/Measurements (mm)
Compressor Type	7SEU16C	A Length
Rotor Type	PV 6	C Height
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 190~210cc	G Bottom
Clutch Type; Voltage	DL	I Clutch Dia. 110

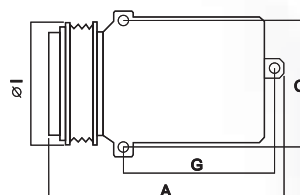


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DENSO PN Compressor	447150-0100	Dimensions/Measurements (mm)
Compressor Type	7SEU16C	A Length 225
Rotor Type	PV 4	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 170~190cc	G Bottom 145
Clutch Type; Voltage	DL	I Clutch Dia. 110

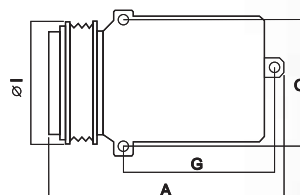


DENSO PN Compressor	447180-6710	Dimensions/Measurements (mm)
Compressor Type	6SEU12C	A Length
Rotor Type	PV 4	C Height
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 170~190cc	G Bottom
Clutch Type; Voltage	DL	I Clutch Dia. 110



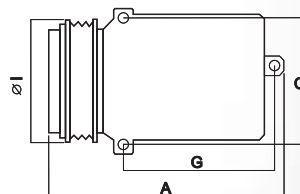
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DENSO PN Compressor	447180-6720	Dimensions/Measurements (mm)
Compressor Type	6SEU12C	A Length
Rotor Type	PV 4	C Height
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 170~190cc	G Bottom
Clutch Type; Voltage	DL	I Clutch Dia. 110

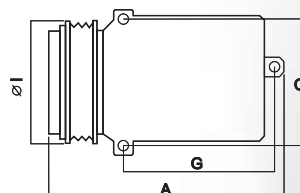


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DENSO PN Compressor	447180-6730	Dimensions/Measurements (mm)
Compressor Type	7SEU16C	A Length 220
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 170~190cc	G Bottom 140
Clutch Type; Voltage	DL	I Clutch Dia. 110

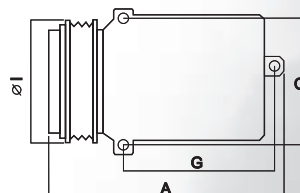


DENSO PN Compressor	447190-3320	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length
Rotor Type		C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 140~160cc	G Bottom 145
Clutch Type; Voltage	Shaft Drive	I Clutch Dia.



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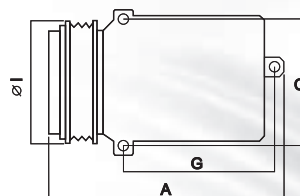
DENSO PN Compressor	447190-3400	Dimensions/Measurements (mm)
Compressor Type	6SEU14C	A Length 222
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 110~130cc	G Bottom 140
Clutch Type; Voltage	DL	I Clutch Dia. 125



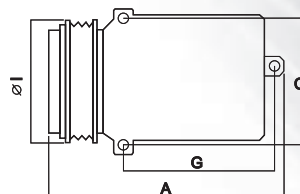


VW GROUP *continued*

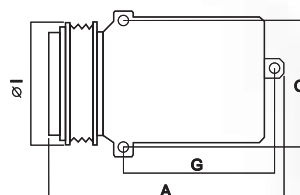
DENSO PN Compressor	447190-6370	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 140~160cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	115



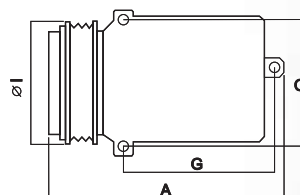
DENSO PN Compressor	447190-6380	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 110~130cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	125



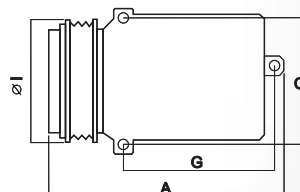
DENSO PN Compressor	447190-6390	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 110~130cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	115



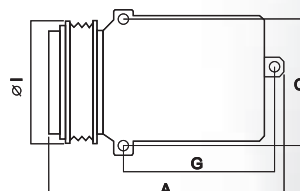
DENSO PN Compressor	447190-6410	Dimensions/Measurements (mm)	
Compressor Type	6SEU14C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 140~160cc	G Bottom	140
Clutch Type; Voltage	DL	I Clutch Dia.	100



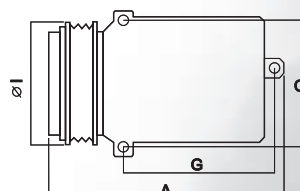
DENSO PN Compressor	447190-6420	Dimensions/Measurements (mm)	
Compressor Type	6SEU14C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 120~140cc	G Bottom	140
Clutch Type; Voltage	DL	I Clutch Dia.	125



DENSO PN Compressor	447190-6430	Dimensions/Measurements (mm)	
Compressor Type	6SEU14C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 120~140cc	G Bottom	140
Clutch Type; Voltage	DL	I Clutch Dia.	115

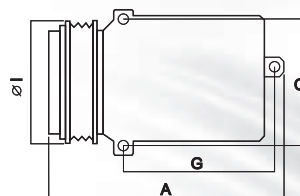


DENSO PN Compressor	447190-6440	Dimensions/Measurements (mm)	
Compressor Type	6SEU14C	A Length	
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 120~140cc	G Bottom	140
Clutch Type; Voltage	DL	I Clutch Dia.	100

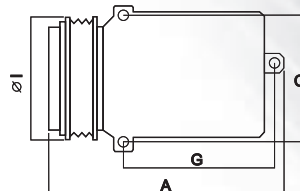


VW GROUP *continued*

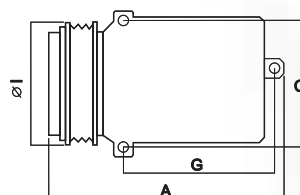
DENSO PN Compressor	447190-6930	Dimensions/Measurements (mm)
Compressor Type	6SEU14C	A Length 222
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 140~160cc	G Bottom 140
Clutch Type; Voltage	DL	I Clutch Dia. 100



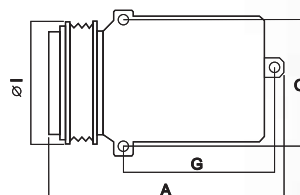
DENSO PN Compressor	447190-7610	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length 260
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 130~150cc	G Bottom 145
Clutch Type; Voltage	Direct-Drive	I Clutch Dia.



DENSO PN Compressor	447190-7630	Dimensions/Measurements (mm)
Compressor Type	6SEU14C	A Length 205
Rotor Type	PV 6	C Height 121
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 70~90cc	G Bottom 108
Clutch Type; Voltage	DL	I Clutch Dia. 110

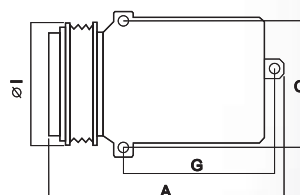


DENSO PN Compressor	447190-7780	Dimensions/Measurements (mm)
Compressor Type	7SEU16C	A Length 220
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 170~190cc	G Bottom 140
Clutch Type; Voltage	DL	I Clutch Dia. 110

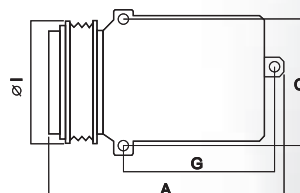


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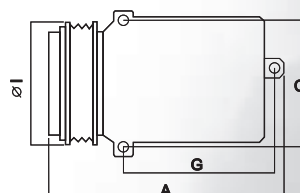
DENSO PN Compressor	447190-7790	Dimensions/Measurements (mm)
Compressor Type	7SEU16C	A Length 220
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 210~230cc	G Bottom 140
Clutch Type; Voltage	DL	I Clutch Dia. 110



DENSO PN Compressor	447190-7830	Dimensions/Measurements (mm)
Compressor Type	7SBU16C	A Length 220
Rotor Type	PV 4	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 235~255cc	G Bottom 123
Clutch Type; Voltage	L50S; 12V	I Clutch Dia. 120



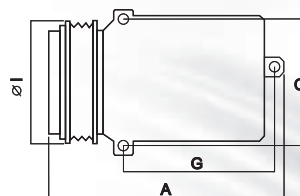
DENSO PN Compressor	447190-7950	Dimensions/Measurements (mm)
Compressor Type	7SEU17C	A Length
Rotor Type	PV 6	C Height 138
Refrigerant Type	HFC134a	D Top
Oil Type; Quantity	ND-8; 130~150cc	G Bottom 145
Clutch Type; Voltage	DL; 12V	I Clutch Dia. 110



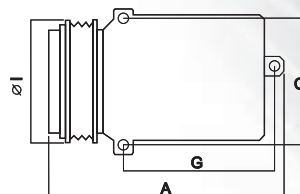
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VW GROUP *continued*

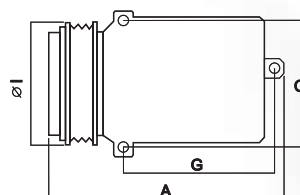
DENSO PN Compressor	447190-9080	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 130~150cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	110



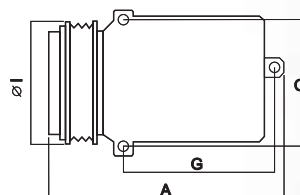
DENSO PN Compressor	447190-9200	Dimensions/Measurements (mm)	
Compressor Type	6SEU14C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 80~110cc	G Bottom	140
Clutch Type; Voltage	DL	I Clutch Dia.	110



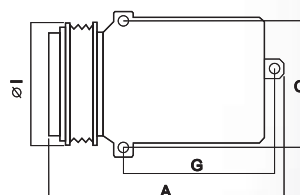
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Compressor Type	7SEU17C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 180~200cc	G Bottom	145
Clutch Type; Voltage	DL; 12V	I Clutch Dia.	110



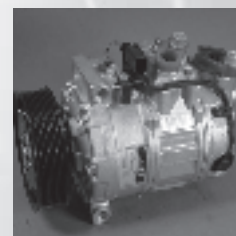
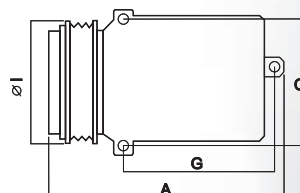
DENSO PN Compressor	447190-9560	Dimensions/Measurements (mm)	
Compressor Type	6SEU12C	A Length	205
Rotor Type	PV 4	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 235~255cc	G Bottom	123
Clutch Type; Voltage	DL	I Clutch Dia.	110



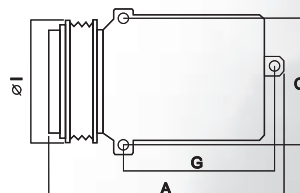
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Compressor Type	6SEU14C	A Length	222
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 110~130cc	G Bottom	140
Clutch Type; Voltage	DL	I Clutch Dia.	110



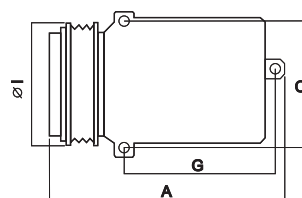
DENSO PN Compressor	447190-9580	Dimensions/Measurements (mm)	
Compressor Type	7SEU16C	A Length	220
Rotor Type	PV 7	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 190~210cc	G Bottom	141
Clutch Type; Voltage	DL	I Clutch Dia.	115



DENSO PN Compressor	447190-9610	Dimensions/Measurements (mm)	
Compressor Type	7SEU17C	A Length	252
Rotor Type		C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 120~140cc	G Bottom	145
Clutch Type; Voltage	Shaft Drive	I Clutch Dia.	



VW GROUP <i>continued</i>			
DENSO PN Compressor	447190-9750	Dimensions/Measurements (mm)	
Compressor Type	6SEU14C	A Length	
Rotor Type	PV 6	C Height	138
Refrigerant Type	HFC134a	D Top	
Oil Type; Quantity	ND-8; 110~130cc	G Bottom	140
Clutch Type; Voltage	DL	I Clutch Dia.	100



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Vehicle Manufacturer	Short code	Compressor with clutch	Compressor w/o clutch	Magnetic clutch	OE Partnumber
Aston Martin	DCP11008	447180-7460	447260-0040	248300-3260	4G43-19D629-AA
					6G33-19D629-AA
					6G33-19D629-AB
ALFA ROMEO --> Fiat Group					
AUDI --> Volkswagen Group					
BMW	DCP05032	447150-0150	447260-2450	248300-1230	64 52 6 956 715
					64 50 9 174 803 01
					64 52 9 174 803 01
	DCP05032	447190-3770	447220-9670	248300-1230	64 52 6 956 715
BMW	DCP05045	447150-0160	447260-2460	248300-1230	64 52 6 956 716-04
BMW	DCP05016	447160-0340	447220-8110	447300-7670	64 52 6 910 460
	DCP05016	447170-8450	447220-8110	447300-7670	64 52 6 910 460
	DCP05016	447170-5770	447220-8110	447300-7670	64 52 8 381 233
BMW	DCP05001	447170-3750	447200-3070	447300-7400	64 52 8 390 743
	DCP05001	447100-2280	*	*	64 52 8 390 743
BMW	DCP05002	447170-3760	447200-3190	447300-7410	64 52 8 391 136
	DCP05002	447100-2590	*	*	64 52 8 391 136
	DCP05002	147100-9990	*	*	64 52 1 393 407
BMW	DCP05003	447170-3770	447200-3200	447300-7420	64 52 8 390 741
	DCP05003	447100-3150	*	*	64 52 8 391 694
	DCP05003	447100-2600	*	*	64 52 8 390 741
	DCP05003	147100-9980	*	*	64 52 8 385 161
BMW	DCP05004	447170-3780	447200-3210	447300-7430	64 52 8 391 135
	DCP05004	447100-2610	*	*	64 52 8 391 135
BMW	DCP05006	447170-3810	447200-3310	447300-7460	64 52 8 390 964
	DCP05006	447100-2830	*	*	64 52 8 390 964
BMW	DCP05007	447170-3820	447200-3400	447300-7410	64 52 8 391 693
	DCP05007	447100-3170	*	*	64 52 8 391 693
BMW	DCP05008	447170-3830	447200-3070	447300-7480	64 52 8 391 880
	DCP05008	447100-5540	*	*	64 52 8 391 880
BMW	DCP05009	447170-3840	447200-3210	447300-7500	64 52 8 367 983
	DCP05009	447100-5720	*	*	64 52 8 367 983
BMW	DCP05010	447170-3860	447200-4660	447300-7430	64 52 8 371 021
	DCP05010	447100-9040	*	*	64 52 8 371 021
BMW	DCP05012	447170-3930	447200-3920	447300-7520	64 52 8 363 551
	DCP05012	447100-7130	*	*	64 52 8 363 551
BMW	DCP05025	447170-5890	447220-3320	447300-8370	64 52 8 377 067
BMW	DCP05046	447170-8180	447220-3320	247300-0130	64 52 6 909 628
BMW	DCP05016	447170-8450	447220-8110	447300-7670	64 52 6 910 460
BMW	DCP05017	447170-9230	447220-8750	447300-7680	64 52 6 914 369
	DCP05017	447100-7590	447200-9750	447300-7680	64 52 8 363 275
	DCP05017	447170-5960	447200-9750	447300-7680	64 52 8 363 275
BMW	DCP05018	447170-9240	447220-8750	447300-7670	64 52 6 914 370
	DCP05018	447170-7690	447200-9750	447300-7670	64 52 8 362 414
	DCP05018	447100-7470	447200-9750	447300-7670	64 52 8 362 414
BMW	DCP05019	447170-9250	447220-8760	447300-7670	64 52 6 914 371
	DCP05019	447100-7600	447220-8280	447300-7670	64 52 8 363 485
BMW	DCP05039	447180-3130	447260-0780	247300-0990	64 52 6 916 232
BMW	DCP05040	447180-3140	447260-0780	247300-1000	64 52 6 915 388
BMW	DCP05022	447180-4760	447220-9310	247300-1430	64 52 6 922 397-04
BMW	DCP05021	447190-9650	447260-3180	248300-0400	64 52 9 175 481 01
	DCP05021	447180-7550	447220-9510	248300-0400	64 52 6 925 721
BMW	DCP05031	447190-2560	447260-0450	247300-3720	64 52 6 918 749-03
BMW	DCP05042	447190-2570	447260-0960	248300-0980	64 52 6 950 152
BMW	DCP05013	447190-4600	447260-0780	447300-7680	64 52 8 385 050
	DCP05013	447170-5540	447220-8020	447300-7680	64 52 8 385 050
BMW	DCP05026	447190-6260	447260-1280	248300-1320	64 52 6 987 766-03
	DCP05041	447180-9590	447260-0170	248300-1320	64 52 6 935 613-02
BMW	DCP05033	447190-6870	447220-9769	248300-1740	65 52 6 956 719
BMW	DCP05020	447190-7210	447260-2480	248300-1780	64 52 6 983 098-03
	DCP05020	447190-7760	447220-9370	248300-1090	64 52 6 917 859-05
	DCP05020	447180-6760	447220-9370	248300-1090	64 52 6 917 859
BMW	DCP05034	447190-7880	447260-1760	247300-5200	63 52 6 946 871-02
BMW	DCP05035	447190-8070	447260-1760	248300-1780	64 52 9 118 602-01
BMW	DCP05036	447190-8540	447260-1910	248300-1230	65 52 9 122 618
BMW	DCP05037	447190-9340	447260-2100	248300-0670	64 52 6 924 792-05
	DCP05037	447180-7580	447220-9370	248300-0670	65 52 6 924 792
BMW	DCP05014	447190-9440	447260-0780	447300-7670	64 52 6 910 458
	DCP05014	447170-8430	447220-8020	447300-7670	64 52 6 910 458
	DCP05014	447170-2820	447200-9790	447300-7670	64 52 8 377 241
	DCP05014	447170-5370	447220-8020	447300-7670	64 52 8 379 924

Vehicle Manufacturer	Short code	Compressor with clutch	Compressor w/o clutch	Magnetic clutch	OE Partnumber
BMW	DCP05015	447190-9450	447260-0780	447300-8440	64 52 6 910 459
	DCP05015	447170-8440	447220-8020	447300-8440	64 52 6 910 459
	DCP05015	447170-5940	447220-8020	447300-8440	64 52 8 386 451
BMW	DCP05038	447190-9520	447260-2530	248300-0310	64 52 6 924 788-05
	DCP05038	447180-6530	447220-9500	248300-0310	65 52 6 924 788
CHRYSLER	DCP06001	447100-2430	447200-5650	447300-7800	4677040-E
CHRYSLER	DCP06002	447100-4080	447200-3740	447300-0410	4677299-C
CHRYSLER	DCP06004	447100-6600	447200-5710	447300-7790	4677143-P
CHRYSLER	DCP06005	447100-6610	447200-5660	447300-7800	4677144ABE
CHRYSLER	DCP06007	447100-7070	447200-4290	447300-0150	4758452-A
CHRYSLER	DCP06010	447170-9050	447220-4180	247300-0220	05058030ACA
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					05058030ABA
					05058030AAA
					05278777ABA
					05278777AAA
	DCP06010	447170-7040	447220-4180	247300-0220	05058034 AA/AB
CHRYSLER	DCP06012	447170-9480	447220-4280	247300-0730	A 001 230 37 11
CHRYSLER	DCP06003	447180-3920	447220-7180	447300-7130	4677205
	DCP06003	447100-6590	447200-5700	447300-7130	4677205-L
CHRYSLER	DCP06009	447180-3960	447220-7200	447300-5110	5278462AAA
	DCP06009	447170-4970	447200-5520	447300-5110	05278462AAD
	DCP06009	447100-8080	447200-4680	447300-5110	5264732
CHRYSLER	DCP06006	447180-3990	447220-7220	447300-7800	4677156
	DCP06006	447100-6620	447200-5670	447300-7800	4677156ABE
FENDt (AGCO)	DCP99506	147100-4770	047200-9190	0473MB-6160	G199,550,020,010
FENDt (AGCO)	DCP99500	147100-9370	047200-3270	0473MB-6160	G205,550,020,010
FENDt (AGCO)	DCP99502	447100-5050	447200-0680	447300-2700	G311,550,020,100
FIAT GROUP	DCP09012	447100-0020	442500-4210	447300-0910	7741901
		50777-0500			
FIAT GROUP	DCP09015	447100-0030	442500-4230	447300-0920	7736928
		50777-0600			
FIAT GROUP	DCP09010	447100-0420	442500-2210	447300-2860	7765865
	DCP09010	50777-2000	442500-2210	447300-2860	7765865
FIAT GROUP	DCP01004	447100-0590	442500-4010	447300-3870	77384720
	DCP01004	54467-0000			
FIAT GROUP	DCP09009	447100-0950	442500-2150	447300-4660	46438366
	DCP09009	54407-0900			
FIAT GROUP	DCP09006	447100-0960	442500-2130	447300-0920	46438576
	DCP09006	54407-1000			
FIAT GROUP	DCP09011	447100-1180	442500-2130	447300-6780	46514137
	DCP09011	54407-1400			
FIAT GROUP		447100-1190	442500-2110	447300-6780	46514636
		54407-1500			
FIAT GROUP	DCP01002	447100-1200	442500-2170	447300-6810	46479556
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FIAT GROUP	DCP09001	447100-1430	442600-7000	447300-7580	60654446
	DCP09001	50777-5100			
FIAT GROUP	DCP09014	447100-1530	442500-4250	447300-0920	46542341
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FIAT GROUP	DCP09005	447100-1560	442100-0280	447300-9140	46785772
	DCP09005	59247-5900			
	DCP09005	59247-5600	442100-0280	447300-9140	46785772
	DCP01004	53107-0000			
FIAT GROUP	DCP09004	447100-1870	442100-4000	247300-3270	46782669
	DCP09004	5A787-5200			
	DCP09004	5A787-5000	*	*	46782669
FIAT GROUP	DCP13001	447100-4980	447200-9150	447300-2680	7775422
		51207-0100			
		51270-1020			
FIAT GROUP	DCP09007	447170-0050	447220-6990	447300-6900	46514443
		59257-7500			
	DCP09007	447170-0050	442100-0120	447300-6900	46514443
		50777-5000			
FIAT GROUP	DCP09003	447170-0560	442100-3160	247300-6220	46819144
	DCP09003	5A797-5600			
	DCP09003	5A797-5300	*	*	46819144

Vehicle Manufacturer	Short code	Compressor with clutch	Compressor w/o clutch	Magnetic clutch	OE Partnumber
FIAT GROUP	DCP09001	447170-0690	447260-7000	447300-8550	60815788, 46786262 / 46757907
	DCP09001	59247-6000			
	DCP09001	50777-5200	*	*	
	DCP09001	59247-5700	*	*	
FIAT GROUP	DCP01001	447170-6300	447220-8150	447300-8170	60816191 / 60814101 / 60815796, 46775094
	DCP01001	51207-4800			
	DCP01001	51207-0000	*	*	46536396
FIAT GROUP	DCP09002	447170-8950	447220-8630	247300-3240	46809223
	DCP09002	5A007-5000			
FIAT GROUP	DCP09008	447170-8960	447220-8640	247300-3230	46811244
	DCP09008	5A797-5200			
	DCP09008	447170-8960	447220-8640	247300-3230	46811244
FIAT GROUP	DCP09008	5A797-5000			
	DCP09017	447190-2130	447260-0350	248300-0950	55701201
FIAT GROUP	DCP09017	5D337-5000			
	DCP09018	447190-2140	447260-0360	248300-1220	55702161
FIAT GROUP	DCP09018	5D337-5100			
	DCP09016	447190-2150	447260-0370	248300-0960	55194880
FIAT GROUP	DCP09016	5D337-5200			
	DCP09019	447190-7000	447260-0360	248300-0950	55703917
FIAT GROUP	DCP09019	5D337-5400			
	DCP09020	447190-9700	447260-0370	248300-2110	51794515
FIAT GROUP	DCP09020	5D337-5500			
IVECO	DCP12001	447100-1520	447220-6970	447300-6220	500313156
	DCP12001	57067-5200			
IVECO	DCP12008	447100-9750	447200-4820	447300-6340	98497470
IVECO	DCP12009	447170-5430	447200-5750	447300-8120	99488569
IVECO	DCP12004	447170-8600	447200-4820	247300-0340	500381465
IVECO	DCP12005	447170-8610	447200-4820	247300-0350	500341617/500391499
IVECO	DCP12003	447180-4900	447220-7290	447180-4900	504014391
JAGUAR	DCP11001	447100-6260	447200-4140	447300-3710	MNA 7300 AB
	DCP11002	447100-8430	447200-4500	447300-5380	MCA 7300 AD
	DCP11003	447170-3630	447200-5420	447300-5380	MCA 7300 EA
	DCP11007	447180-3190	447200-5290	447300-0170	3W83-19D629-AB
	DCP11008	447180-7460	447260-0040	248300-3260	6G33/4G43-19D629-AA
JEEP	DCP99003	447100-3470	447200-3470	447300-1450	55035993AB
JEEP	DCP99004	447100-6290	447200-4150	447300-1450	55036412
JEEP	DCP99005	447170-5380	447200-5620	447300-8020	35232010F
JEEP	DCP99002	447180-3970	447220-7210	447300-1130	56006551
	DCP99002	447100-2110	447220-7210	447300-1130	56006551
	DCP99002	447100-3130	447200-5350	447300-1130	56006551-H
JEEP	DCP99001	447180-3980	447220-7210	447300-1120	55036151
	DCP99001	447100-3120	447200-5360	447300-1120	55036151-G
	DCP99001	447100-2940	447200-5360	447300-1120	55036151
JOHN DEERE	DCP99510	447100-2380	447200-4930	447300-0350	RE 46609
	DCP99504	447100-2990	447200-0090	447300-1080	AZ 44541
	DCP99511	447100-9790	447200-4930	447300-6370	AT 172975
	DCP99505	447170-8930	447200-2230	447300-0390	AL155836
	DCP99505	447100-2320	447200-0090	447300-0390	AL78779
	DCP99512	447180-3480	447200-2300	247300-5510	AL 154203
JOHN DEERE	DCP99513	447180-6380	447200-2480	247300-5510	AL 176858
LANCIA --> Fiat Group					
LANDROVER	DCP14001	447100-3280	447200-3420	447300-1270	BTR5750
	DCP14002	447100-3290	447200-3430	447300-1280	BTR4717
	DCP14003	447100-3300	447200-3420	447300-1320	BTR4719
	DCP14004	447100-9620	447200-4800	447300-6270	AWR1459
	DCP14005	447100-9630	447200-4810	447300-6260	AWR1458
	DCP14006	447170-5060	447200-4960	447300-7880	JPB101330
	DCP24004	447170-8240	447220-8500	447300-8240	JPB101450
	DCP24005	447170-8250	447220-8510	447300-8250	JPB101460
	DCP14007	447170-8280	447220-4080	447300-0170	JPB000020
	DCP14008	447170-8290	447220-4080	247300-0180	JPB000030
	DCP14012	447180-8360	447220-9930	248300-0760	8H2219D623BA
					SH3219D623AB
					JPB500091
	DCP14013	447180-8370	447220-9930	248300-0770	8H2219D623AA
LANDROVER					JPB000173
					JPB000172
	DCP14014	447180-8380	447220-9940	248300-0780	8H2219D623CA
LANDROVER					JPB000183

Vehicle Manufacturer	Short code	Compressor with clutch	Compressor w/o clutch	Magnetic clutch	OE Partnumber
MERCEDES BENZ	DCP17001	247100-5910	147200-7180	047300-3650	A 000 230 24 11
	DCP17001	047100-8970	047200-3570	047300-3000	003 131 66 01
	DCP17001	147100-0750	047200-3570	047300-3650	003 131 95 01
MERCEDES BENZ	DCP17002	247100-5920	147200-7190	047300-2640	A 000 230 26 11
	DCP17002	047100-8240	047200-2920	047300-2640	110 130 01 15
MERCEDES BENZ	DCP17003	247100-5930	147200-7200	047300-3880	A 000 230 25 11
	DCP17003	147100-1430	047200-6470	047300-3880	116 131 00 01
MERCEDES BENZ	DCP17006	447100-2010	447200-6000	447300-0010	A 000 230 03 11
MERCEDES BENZ	DCP17007	447100-2020	447200-6010	447300-0020	A 000 230 04 11
	DCP17007	247100-3010	147200-3330	047300-0120	120 130 02 15
MERCEDES BENZ	DCP17008	447100-2030	447200-6000	447300-0030	A 000 230 00 11
MERCEDES BENZ	DCP17010	447100-2060	447200-3000	447300-0040	A 000 230 05 11
	DCP17010	147100-3960	047200-8540	047300-9640	116 130 05 15
MERCEDES BENZ	DCP17011	447100-2070	447200-3010	447300-0120	A 000 230 06 11
	DCP17011	147100-3970	147200-1240	047300-8470	119 130 00 15
MERCEDES BENZ		447190-5510	447200-0010	247300-4670	A 541 230 11 11
MERCEDES BENZ	DCP17033	447100-2160	447200-0010	447300-0160	A 000 230 15 11
	DCP17033	147100-0350	*	*	003 131 89 01
	DCP17033	147100-3570	*	*	616 130 10 15
MERCEDES BENZ	DCP17012	447100-2190	447200-0020	447300-0190	A 000 230 11 11
	DCP17012	147100-4760	*	*	102 131 00 01
	DCP17012	147100-5020	047200-3570	047300-5310	004 131 13 01
MERCEDES BENZ	DCP17012	147100-7510	147200-1380	047300-7140	102 130 01 15
	DCP17013	447100-2200	447200-0020	447300-0200	A 000 230 12 11
	DCP17013	147100-7520	147200-1380	047300-7150	603 130 02 15
	DCP17013	047100-8960	147200-1380	047300-7150	003 131 68 01
MERCEDES BENZ	DCP17014	447100-2480	447200-9050	447300-0460	A 000 230 13 11
MERCEDES BENZ	DCP17015	447100-2650	447200-6010	447300-0120	A 000 230 16 11
MERCEDES BENZ	DCP17005	447100-3020	447200-6000	447300-0040	A 000 230 17 11
MERCEDES BENZ	DCP17019	447100-8620	447200-4540	447300-5550	A 000 230 36 11
MERCEDES BENZ	DCP17020	447100-8630	447200-4540	447300-5560	A 000 230 37 11
MERCEDES BENZ	DCP17017	447100-7430	447200-6270	447300-4630	A 000 230 22 11
MERCEDES BENZ	DCP17021	447100-9950	447220-0180	447300-6480	A 000 230 42 11
	DCP17033	147100-0350	447220-0180	447300-6480	003 131 89 01
MERCEDES BENZ	DCP17051	447150-0170	447220-9520	248300-0740	A 000 230 93 11
	DCP17051	447180-4470	447220-9250	248300-0740	
MERCEDES BENZ	DCP17059	447150-0230	447260-2300	248300-2390	A 001 230 82 11
	DCP17059	447190-4830	447260-0850	248300-0230	
MERCEDES BENZ	DCP17062	447150-0240	447260-2870	248300-1210	A 001 230 83 11
	DCP17062	447190-4840	447260-0850	248300-1210	
MERCEDES BENZ	DCP17058	447150-0260	447260-2300	248300-2380	A 001 230 84 11
	DCP17058	447190-4850	447260-0850	248300-0250	
MERCEDES BENZ	DCP17055	447150-0270	447260-2310	248300-2390	A 001 230 87 11
	DCP17055	447190-3050	447260-0480	248300-0230	
MERCEDES BENZ	DCP17063	447150-0280	447260-2880	248300-1210	A 002 230 56 11
	DCP17063	447150-0530	447260-0480	248300-1210	A 001 230 88 11
MERCEDES BENZ	DCP17067	447150-0430	447260-0270	248300-1190	A 001 230 86 11
MERCEDES BENZ	DCP17053	447150-0490	447260-0220	248300-0250	A 001 230 56 11
	DCP17053	447180-9720	447260-0220	248300-0250	A 001 230 56 11
MERCEDES BENZ	DCP17060	447150-0700	447260-2950	248300-2390	A 002 230 12 11
	DCP17060	447190-6580	447260-1300	248300-02300	A 002 230 12 11
MERCEDES BENZ	DCP17034	447190-5500	447200-0010	247300-4650	A 541 230 10 11
	DCP17066	447170-4910	447200-0010	447300-7760	A 541 230 01 11
MERCEDES BENZ	DCP17043	447180-4130	447220-9150	248300-0230	A 000 230 91 11
MERCEDES BENZ	DCP17044	447190-9390	447260-3260	248300-0240	A 000 230 92 11
	DCP17044	447180-4140	447220-9150	248300-0240	A 000 230 92 11
MERCEDES BENZ		447180-5510	447220-9330	248300-0240	A 001 230 13 11
MERCEDES BENZ	DCP17040	447190-8330	447260-3130	248300-0250	A 001 230 14 11
	DCP17040	447180-5650	447220-9330	248300-0250	A 001 230 14 11
MERCEDES BENZ	DCP17046	447150-0180	447220-8880	248300-0250	A 001 230 07 11
	DCP17046	447180-7040	447220-8880	248300-0250	
MERCEDES BENZ	DCP17038	447150-0470	447260-0230	248300-0740	A 001 230 55 11
	DCP17038	447180-9710	447260-0230	248300-0740	A 001 230 55 11
		447150-0460	447220-9230	248300-0740	A 000 230 97 11
	DCP17038	447180-4450	447220-9230	248300-0740	A 000 230 97 11
	DCP17038	447180-7650	447220-9790	447300-9080	A 001 230 45 11
	DCP17038	447180-7150	447220-9790	447300-9080	A 000 230 62 11
MERCEDES BENZ	DCP17045	447180-9730	447260-0220	248300-0230	A 001 230 58 11
MERCEDES BENZ	DCP17067	447150-0430	447260-0270	248300-1190	A 001 230 86 11
	DCP17067	447190-3370	447260-0270	248300-1190	A 001 230 86 11
MERCEDES BENZ	DCP17068	447150-1670	447260-0270	248300-0250	A 001 230 81 11
	DCP17068	447190-3390	447260-0270	248300-0250	
MERCEDES BENZ		447150-0370	447260-2370	248300-2450	A 002 230 47 11
MERCEDES BENZ		447190-5240	447260-0940	248300-0520	A 001 230 90 11

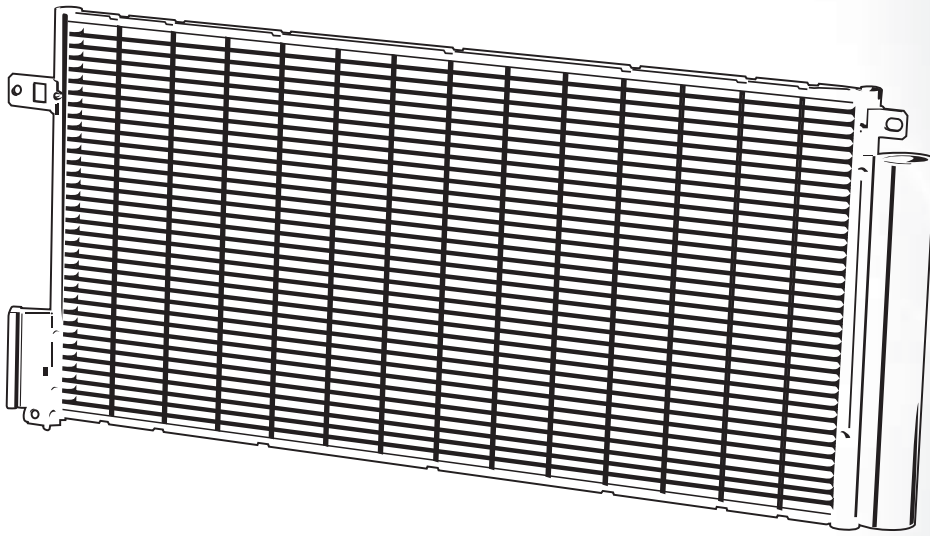
Vehicle Manufacturer	Short code	Compressor with clutch	Compressor w/o clutch	Magnetic clutch	OE Partnumber
MERCEDES BENZ	DCP17034	447190-5500	447200-0010	247300-4650	A 541 230 10 11
	DCP17034	447100-6380	447200-0010	447300-3580	A 541 230 00 11
MERCEDES BENZ	DCP17035	447190-5520	447220-8090	247300-4680	A 541 230 13 11
	DCP17035	447170-8770	447220-8090	247300-0380	A 541 230 04 11
MERCEDES BENZ	DCP17036	447190-5530	447220-8090	247300-4660	A 541 230 12 11
	DCP17036	447170-9110	447220-8090	447300-7820	A 541 230 06 11
MERCEDES BENZ	DCP17057	447190-6550	447260-1300	248300-0250	A 002 230 09 11
MERCEDES BENZ	DCP17065	447190-6740	447260-1350	248300-0250	A 002 230 05 11
MERCEDES BENZ	DCP17070	447190-7690	447260-1550	248300-0520	A 002 230 13 11
MERCEDES BENZ	DCP17071	447150-0380	447260-2380	248300-2600	A 002 230 48 11
	DCP17071	447190-7700	447260-1560	248300-0590	A 002 230 14 11
MERCEDES BENZ	DCP17041	447190-7720	447220-8850	248300-0130	A 001 230 01 11
	DCP17041	447170-9910	447220-8850	248300-0130	A 001 230 01 11
MERCEDES BENZ	DCP17023	447190-7810	447220-8080	447300-4170	A 000 230 70 11
	DCP17023	447170-5730	447220-8080	447300-4170	A 000 230 70 11
	DCP17023	447170-7680	447200-9690	447300-4170	A 000 230 20 11
	DCP17023	447100-6820	447200-9690	447300-4170	A 000 230 20 11
MERCEDES BENZ	DCP17024	447190-7820	447220-8090	447300-8510	A 000 230 68 11
	DCP17024	447170-5740	447220-8090	447300-8510	A 000 230 68 11
MERCEDES BENZ	DCP17K37	447190-8030	447220-8090	446300-7900	A 541 230 07 11
	DCP17K37	447180-4360	447220-8090	446300-7900	A 541 230 07 11
MERCEDES BENZ	DCP17072	447190-8230	447260-2650	248300-1980	A 002 230 19 11
MERCEDES BENZ	DCP17026	447190-8280	447220-9150	248300-0250	A 000 230 90 11
	DCP17026	447180-4150	447220-9150	248300-0250	A 000 230 90 11
	DCP17026	447170-7000	447220-8220	447300-8980	A 000 230 65 11
	DCP17026	447170-8330	447220-8220	248300-0020	A 000 230 85 11
MERCEDES BENZ	DCP17039	447190-8310	447220-9330	248300-0230	A 001 230 12 11
	DCP17039	447180-5240	447220-9330	248300-0230	A 001 230 12 11
MERCEDES BENZ	DCP17075	447190-8340	447260-2650	248300-0250	A 001 230 17 11
MERCEDES BENZ	DCP17064	447190-8370	447260-3250	248300-0250	A 001 230 28 11
	DCP17064	447180-4750	447220-9220	248300-0250	A 001 230 28 11
MERCEDES BENZ	DCP17073	447190-9280	447260-2090	248300-1900	2E0820803D
					2E0820803C
					2E0820803B
MERCEDES BENZ	DCP17073	447190-2380			HWV 000 230 00 11
MERCEDES BENZ	DCP17025	447190-9360	447220-8360	447300-9000	A 000 230 79 11
	DCP17025	447170-7640	447220-8360	447300-9000	A 000 230 79 11
	DCP17025	447170-2320	447200-9760	447300-7070	A 000 230 59 111
MERCEDES BENZ	DCP17050	447190-9370	447220-8870	248300-0110	A 000 230 94 11
	DCP17050	447180-2860	447220-8870	248300-0110	
MB CLUTCH	DCP17C34	Kit		447300-7760	A 541 230 00 028
	DCP17C36	Clutch 24V PV9		447300-3580	A 541 230 01 128
MB CLUTCH	DCP17C36	Kit	SKN	446300-7890	
	DCP17C36	Clutch 24V PV9		247300-4660	
MB CLUTCH	DCP17C34	Kit	SKN	446300-7900	
	DCP17C34	24V PV9		247300-4650	
	DCP17C34	24V PV9	Previous	447300-7760	
MB CLUTCH	DCP17C34	Kit	SKN	t.b.d.	
	DCP17C34	Kit	SKN	446300-7910	
	DCP17C35	24V PV11		247300-4670	
		24V Single V	Previous	447300-0160	
MB CLUTCH	DCP17C34	Kit	Truck	446300-7920	
	DCP17C35	24V PV11		247300-4680	
	DCP17C35	24V PV11	Previous	247300-0380	
MB CLUTCH	DCP17C99	Kit 12V PV9	Harvester	2473MB-1510	
OPEL	DCP20001	447100-3360	447200-9070	447300-1370	90 457 635
OPEL	DCP20003	447170-8640	447220-8590	447300-4810	24 428 118
	DCP20003	447100-7770	447220-8010	447300-4810	90 507 617
OPEL	DCP20004	447170-8650	447220-8600	447300-7930	24 430 230
OPEL	DCP20005	447170-8660	447220-8610	447300-7940	24 430 319
OPEL	DCP20006	447170-8920	447220-8740	447300-6180	09 241 681
	DCP20006	447100-9510	447200-9700	447300-6180	90 564 976
OPEL	DCP20030	447170-9420	447220-8950	247300-0710	24 443 138
OPEL	DCP20023	447190-5030	447260-0890	248300-2140	55 702 661
	DCP20023	SES27-5600			
OPEL	DCP20021	447190-5040	447260-0360	248300-1840	55 701 200
	DCP20021	SES27-5200			
OPEL	DCP20022	447190-5550	447260-1510	248300-1850	55 703 721
	DCP20022	SES27-5400			
PORSCHE	DCP28001	047100-9750	047200-4160	047300-3240	944 126 008 00
PORSCHE	DCP28003	147100-5430	047200-9750	047300-5650	964 126 121 01
PORSCHE	DCP28004	447100-2330	447200-0100	447300-0300	964 126 121 02
PORSCHE	DCP28006	447100-2350	447200-6050	447300-0320	928 126 113 01

Vehicle Manufacturer	Short code	Compressor with clutch	Compressor w/o clutch	Magnetic clutch	OE Partnumber
PORSCHE	DCP28008	447190-9620	447220-8260	447300-6000	996 126 011 52
	DCP28008	447170-7420	447220-8260	447300-6000	996 126 011 52
PSA	DCP07008	447150-0220	447260-3100	248300-1990	96 8407 5880
PSA	DCP21010	447190-8110	447260-1920	248300-1990	96 5987 5480
PSA	DCP21011	447190-8120	447260-1930	248300-1990	96 5987 5580
RENAULT	DCP23002	447170-0660	447220-6960	447300-6220	5010284917
	DCP23002	57067-5210			
RENAULT	DCP23530	447170-2310	447200-1440	247300-5510	1028683.1
					7700038545
RENAULT	DCP23531	447170-2900	447200-1600	247300-5510	1032752.1
					7700042614
ROVER	DCP24001	447100-2400	447200-9030	447300-0380	JPB010032
ROVER	DCP24002	447170-8230	447220-8500	447300-8230	JPB000040
	DCP24002	447170-5640	447220-8050	447300-8230	JPB101154
ROVER	DCP24004	447170-8240	447220-8500	447300-8240	JPB101450
	DCP24004	447170-5650	447220-8050	447300-8240	JPB101144
ROVER	DCP24005	447170-8250	447220-8510	447300-8250	JPB101460
	DCP24005	447170-5660	447220-8060	447300-8250	JPB101161
ROVER	DCP24002	447170-8310	447220-8530	447300-8230	JPB101430
SAAB	DCP25001	447170-5550	447220-8040	447300-6390	4869483 - 5048095
	DCP25001	447100-9810	447200-9720	447300-6390	4541207
SEAT --> Volkswagen Group					
SKODA --> Volkswagen Group					
SMART	DCP17056	447190-3500	447260-0620	248300-0750	A 122 230 00 11
SMART	DCP17054	447190-9790			A 454 230 01 11
		447180-9790	447220-9680	248300-0880	
TOYOTA	DCP50022	447170-7660	447220-3920	447300-9440	88310-05050
TOYOTA	DCP50023	447100-8740	447200-1200	447300-9250	88310-2B550
TOYOTA	DCP50024	447100-8750	447200-1210	447300-0240	88310-2B560
TOYOTA	DCP50021	447170-2860	447200-1590	447300-5650	88310-2B590
TOYOTA	DCP50025	447170-2890	447200-1210	447300-5950	88310-2B640
TOYOTA	DCP50026	447170-6210	447220-3430	447300-7870	88310-2B660
TOYOTA	DCP50020	447170-7650	447220-3910	447300-8600	88310-63020
					88310-05040
TOYOTA	DCP50120	447180-4510	447260-2270	248300-1490	88310-05080
TOYOTA	DCP50121	447180-5640	447260-1740	248300-1480	88310-05090
TOYOTA	DCP50122	447190-5450	447260-1060	248300-1380	88310-05101
					88310-0F021
TOYOTA	DCP50123	447180-8640	447260-3380	248300-1380	88310-05110
TOYOTA	DCP50124	447190-3660	447260-1740	248300-1100	88310-05120
					88310-0F030
TOYOTA	DCP50040	447170-8140	447220-4060	447300-9500	88310-48040
TOYOTA	DCP50041	447190-2610	447220-4060	247300-1560	88310-33220
TOYOTA	DCP50050	447100-5960	447200-0800	447300-2070	88310-2B301
					88310-2B470
TOYOTA	DCP50060	447170-6600	447220-3610	447300-8600	88310-2B680
TOYOTA	DCP50012	447180-9090	447220-6380	247300-3090	88310-1A523
TOYOTA	DCP50013	447180-9110	447220-6360	247300-3140	88310-13032
TOYOTA	DCP50011	447180-9220	447220-6360	247300-3090	88310-1A582
					88310-02251
					88310-02182
TOYOTA	DCP50010	447180-9260	447260-7960	247300-3410	88310-02340
					88310-1A620
					88310-02270
TOYOTA	DCP50015	447100-1950	447220-6360	247300-0090	88310-1A580
					88310-02180
TOYOTA	DCP50114	447180-9420	447260-0190	248300-1490	88310-0F010
TOYOTA	DCP50070	147100-8500	147200-5630	147300-0170	88310-60460
TOYOTA	DCP50071	447100-7040	447200-0980	447300-1170	88310-60770
TOYOTA	DCP50072	147100-8820	147200-5630	047300-8840	88310-60520
TOYOTA	DCP50073	447170-3700	447200-1710	447300-7230	88310-6A010
TOYOTA	DCP50074	447180-5540	447200-5400	447300-7230	88310-6A100
TOYOTA	DCP51000	447170-5530	447220-3170	447300-8180	88310-53040
TOYOTA	DCP50090	447170-5790	447220-3240	447300-7970	88310-44140
TOYOTA	DCP50220	447170-9440	447220-4200	447300-9270	88310-44150
TOYOTA	DCP50221	447170-9450	447220-4210	447300-9270	88310-44160
TOYOTA	DCP50222	447170-9460	447220-4220	247300-0700	88310-44170

Vehicle Manufacturer	Short code	Compressor with clutch	Compressor w/o clutch	Magnetic clutch	OE Partnumber
TOYOTA	DCP50223	447170-9470	447220-4230	247300-0700	88310-44180
TOYOTA	DCP50224	447180-7890	447220-4210	247300-1950	88310-44200
TOYOTA	DCP50225	447180-7900	447220-4220	247300-2720	88310-44210
TOYOTA	DCP50083	447180-7880	447220-4230	247300-2720	88310-44220
TOYOTA	DCP50080	447180-8900	447260-8090	247300-1950	88310-28550
TOYOTA	DCP50081	447170-7380	447220-3890	447300-9270	88310-28450
TOYOTA	DCP50082	447180-7790	447260-8130	247300-1950	88310-28530
TOYOTA	DCP50226	447180-7780	447260-8120	247300-2670	88310-28540
TOYOTA	DCP50033	447180-7820	447220-3930	247300-1560	88310-42180
TOYOTA	DCP50032	447180-7850	447220-4300	247300-2700	88310-42210
TOYOTA	DCP50030	447180-7840	447220-3950	247300-2710	88310-42200
TOYOTA	DCP50031	447170-3400	447200-1630	447300-6620	88310-42070
TOYOTA	DCP50004	447180-8840	447220-6540	247300-3070	88310-52401
					88310-0D091
					88310-0D180
TOYOTA	DCP50005	447180-8670	447220-6540	247300-3330	88310-52421
TOYOTA	DCP50006	447180-8780	447220-6660	247300-3040	88310-52381
TOYOTA	DCP50007	447180-8750	447260-7810	247300-3030	88310-52351
TOYOTA	DCP50003	447180-9140	447260-7880	247300-3080	88310-52371
TOYOTA	DCP50002	447180-9150	447260-7880	247300-3100	88310-52341
TOYOTA	DCP50001	447180-5940	447260-2030	248300-0080	88310-0D141
					88310-0D140
VW GROUP	DCP02001	147100-1600	047200-6600	047300-4680	034 260 805 D
					034 260 805 B
VW GROUP	DCP02002	147100-2890	047200-7620	047300-3890	034 260 805 C
					034 260 805 A
VW GROUP	DCP02003	247100-4080	047200-8490	147300-0360	077 260 803 C
	DCP02003	147100-3900	047200-8490	047300-4920	077 260 803 A
VW GROUP	DCP02011	447150-0110	447220-8680	248300-1320	480 260 805 M
	DCP02011	447180-5370	447220-8680	447300-9590	480 260 805 M
	DCP02011	447170-9090	*	*	480 260 805 G
VW GROUP	DCP02027	447150-0120	447220-9820	248300-1860	8E0 260 805 AJ
VW GROUP	DCP02012	447150-0560	447220-9560	447300-9550	8E0 260 805 AF
	DCP02012	447180-6700	*	*	8E0 260 805 AF
VW GROUP	DCP02026	447150-0600	447220-9600	447300-9590	8E0 260 805 T
VW GROUP	DCP02021	447160-0310	447260-2150	247300-1230	4D0 260 805 G
	DCP02021	447180-3520	447260-2150	247300-1230	*
	DCP02021	447170-7820	447220-8170	447300-9510	4D0 260 805 F
VW GROUP	DCP32001	447160-0320	447220-8180	447300-4970	8D0 260 805 K
	DCP32001	447170-6360	447220-8180	447300-4970	8D0 260 805 K
VW GROUP		447160-0260	447220-8180	447300-6040	8D0 260 805 Q
					8D0 260 805 R
					8D0 260 805 P
	DCP02006	447170-6350	447220-8180	447300-6040	8D0 260 805 J
	DCP02006	447100-9270	447220-8350	447300-6040	8D0 260 805 B
VW GROUP		447190-8690	447220-9120	248300-0260	4Z7 260 805 F
		447180-3870	447220-9120	248300-0260	4Z7 260 805 F
					4Z7 260 805 E
					4Z7 260 805 D
VW GROUP	DCP02022	447150-0580	447260-3480	447300-9550	4E0 260 805 E
	DCP02022	447180-4720	447220-9260	447300-9550	4E0 260 805 E
VW GROUP	DCP02010	447150-0100	447260-2580	447300-9590	8E0 260 805 AB
	DCP02010	447180-5350	447220-8400	447300-9590	8E0 260 805 AB
	DCP02010	447180-4270	*	*	8E0 260 805 M
	DCP02010	447170-7910	*	*	8E0 260 805
	DCP02010	447180-6740	*	*	8E0 260 805 T
VW GROUP	DCP02023	447150-1190	447220-9570	447300-9600	8E0 260 805 R
	DCP02023	447180-6710	447220-9570	447300-9600	8E0 260 805 R
VW GROUP	DCP02024	447180-6720	447220-9580	447300-9590	8E0 260 805 AH
VW GROUP	DCP02025	447180-6730	447220-9590	447300-9550	8E0 260 805 S
VW GROUP	DCP02027	447150-0120	447220-9820	248300-1860	8E0 260 805 AJ
	DCP02027	447180-8470	447220-9820	248300-1860	8E0 260 805 AJ
VW GROUP	DCP02053	447190-3320	447260-0580	248300-0260	4E0 260 805 Q
					4E0260805AM
					4E0260805AS
VW GROUP		447150-0570	447260-0200	248300-1720	8E0260805BC
	DCP02029	447190-3400	447260-0200	248300-1720	8E0 260 805 BC
VW GROUP	DCP02005	447190-4310	447220-8170	447300-4970	4B0 260 805 Q
					4B0 260 805 B
	DCP02005	447170-6340	447220-8170	447300-4970	4B0 260 805 B
	DCP02005	447100-7920	447200-9990	447300-4970	4B3 260 805
VW GROUP	DCP02007	447190-4320	447260-0790	447300-8820	8Z0 260 805 A
	DCP02007	447170-6370	447220-8190	*	8Z0 260 805 (A) (A4)

Vehicle Manufacturer	Short code	Compressor with clutch	Compressor w/o clutch	Magnetic clutch	OE Partnumber
VW GROUP	DCP27001	447190-4360	447260-0770	447300-8820	6Q0 820 803D
	DCP27001	447170-6170	447220-8120	447300-8820	6Q0 820 803 D
VW GROUP	DCP02016	447190-4910	447220-9800	248300-0710	4F0 260 805 K
		447180-7710	*	*	4F0 260 805 F
VW GROUP	DCP02004	447190-5670	447220-8140	447300-6140	4B0 260 805 P
					4B0 260 805 R
					4B0 260 805 N
					4B0 260 805 C
					4B0 260 805 C
VW GROUP	DCP02004	447100-9440	447200-9990	447300-4970	4D0 260 805 C
					1K0 820 859 T
					1K0820859 N
VW GROUP	DCP02030	447190-5980	447260-9090	248300-1600	1K0820859J
					8J0 260 805
					4F0 260 805 AR
					4F0 260 805 AL
					4F0 260 805 AH
VW GROUP	DCP02031	447190-6360	447220-9810	248300-1720	4E0 260 805 AA
					4E0 260 805 AG
					4E0 260 805 AC
					4E0 260 805 G
VW GROUP	DCP02032	447190-6370	447220-9810	248300-1710	8E0 260 805 CR
					8E0 260 805 BT
					8E0 260 805 BK
					8E0 260 805 BG
					8E0 260 805 BD
VW GROUP	DCP02033	447190-6380	447220-9820	248300-1720	8E0 260 805 BM
					8H0 260 805 B
					4H0 260 805 A
					4H0 260 805
VW GROUP	DCP02034	447190-6390	447220-9820	248300-1710	4F0 260 805 BA
					4F0 260 805 AP
					4F0 260 805 AJ
					4E0 260 805 AD
					4E0 260 805 N
VW GROUP	DCP02035	447190-3820	447260-0200	248300-1080	4E0 260 805 AF
					4F0 260 805 AB
					4F0 260 805 R
					4F0 260 805 H
VW GROUP	DCP02036	447190-3420	447220-9800	248300-1020	4F0 260 805 Q
					4F0 260 805 D
					4F0 260 805 D
					4F0 260 805 D
VW GROUP	DCP02016	447190-6430	447220-9800	248300-1710	4F0 260 805 AG
					4F0 260 805 AC
					4F0 260 805 S
					4F0 260 805 N
					4F0 260 805 J
VW GROUP	DCP02017	447190-8060	447220-9800	248300-1860	4F0 260 805 P
					4F0 260 805 M
					4F0 260 805 G
					4F0 260 805 G
VW GROUP	DCP02018	447190-7850	447220-9800	248300-1240	8E0 260 805 CD
					8E0 260 805 BL
					8E0 260 805 BE
					8E0 260 805 BN
VW GROUP	DCP02019	447190-7720	447220-9800	248300-1240	8E0 260 805 BH / AK
					4F0 260 805 AE
					4F0 260 805 AA
					4F0 260 805 T
VW GROUP	DCP02020	447190-6670	447260-1310	248300-1680	8E0 260 805 CB
					8E0 260 805 BS
					8E0 260 805 BP
					8E0 260 805 BJ
					8E0 260 805 BF
VW GROUP	DCP02021	447190-6470	447220-9530	248300-1240	8E0 260 805 BA
					8E0 260 805 AG
					8E0 260 805 AT
					8K0 260 805 E
					8K0 260 805
VW GROUP	DCP02022	447190-6900	447260-1420	248300-1790	8K0 260 805 G
					8K0 260 805 D
					8K0 260 805 A
					8K0 260 805 F
VW GROUP	DCP02023	447190-6910	447260-1430	248300-1800	8K0 260 805 C
					8K0 260 805 A
					8K0 260 805 F
					8K0 260 805 C

Vehicle Manufacturer	Short code	Compressor with clutch	Compressor w/o clutch	Magnetic clutch	OE Partnumber
VW GROUP	DCP32006	447190-7610	447260-1610	248300-0210	7H0 820 805 J
					7H0 820 805 H
					7H0 820 805 G
					7H0 820 805 F
					7H0 820 805 E
	DCP32006	447180-8620	447260-0140	248300-0210	7H0 820 805 E
VW GROUP	DCP32004	447190-7620	447260-1590	248300-0610	6Q0 820 803 P
VW GROUP	DCP02045	447190-7780	447220-8390	447300-9550	8E0 260 805 F
	DCP02045	447170-7900	447220-8390	447300-9550	8E0 260 805 F
VW GROUP	DCP02046	447190-7790	447220-8670	447300-9550	4B0 260 805 H
	DCP02046	447170-9080	447220-8670	447300-9550	4B0 260 805 H
VW GROUP	DCP02047	447190-7830	447260-2570	447300-9490	4Z7 260 805
	DCP02047	447170-7580	447220-7140	447300-9490	4Z7 260 805
					4Z0 260 805
VW GROUP	DCP32045	447190-7950	447260-1700	248300-1900	1K0 820 859 M
	DCP32045	447190-4650	447260-0800	248300-1150	1K0 820 803 P
VW GROUP	DCP02048	447190-8050	447220-8410	447300-9550	8E0 260 805 G
	DCP02048	447170-7920	447220-8410	447300-9550	8E0 260 805 G
VW GROUP	DCP02008	447190-8680	447220-8430	447300-9600	8E0 260 805 C
	DCP02008	447170-7940	447220-8430	447300-9600	8E0 260 805 C
VW GROUP	DCP27002	447190-8700	447260-2140	447300-8820	6Q0 820 803 G
	DCP27002	447180-3200	447220-8940	447300-8820	6Q0 820 803 G
VW GROUP	DCP32045	447190-7950	447260-1700	248300-1900	1K0 820 859 S
	DCP32002	447190-8710	447220-9200	447300-9550	1K0 820 803 F
	DCP32002	447180-4340	447220-9200	447300-9550	1K0 820 803 F
VW GROUP	DCP32003	447190-8720	447220-9350	248300-0390	1K0 820 803 J
	DCP32003	447180-5530	447220-9350	248300-0390	1K0 820 803 J
VW GROUP	DCP32020	447190-8890	447260-1950	248300-1910	6Q0 820 808 F
	DCP32004	447180-7280	447220-9690	248300-0610	6Q0 820 803 J
	DCP32005	447190-7630	447260-1690	248300-0610	6Q0 820 803 Q
	DCP32005	447180-7290	447220-9700	248300-0610	6Q0 820 803 K
VW GROUP	DCP32005	447190-8900	447260-1960	248300-1910	6Q0 820 808 G
					6Q0 820 808 E
					6Q0 820 808 C
					6Q0 820 808 A
VW GROUP	DCP32021	447190-8950	447260-1970	248300-1920	3D0 820 803 T
					3D0 820 803 P
					3D0 820 803 J
					3D0 820 803 H
	DCP32021	447190-7560	447260-1600	248300-0940	3D0 820 803 G
	DCP32021	447190-2110	447260-0340	248300-0940	3D0 820 803 B
VW GROUP	DCP32022	447190-9080	447260-2020	248300-2060	7L6 820 803 T
					7L6 820 803 Q
					7L6 820 803 M
					7L6 820 803 K
	DCP32022	447190-7580	447260-1620	248300-1010	7L6 820 803 J
	DCP32022	447180-8590	447260-0110	248300-1010	7L6 820 803 F
VW GROUP	DCP02050	447190-9200	447260-9090	248300-2070	1K0 820 808 A
					1K0 820 859 P
					1K0 820 859 H
					8J0 260 805 A
VW GROUP	DCP17073	447190-9280	447260-2090	248300-1900	2E0 820 803 D
					2E0 820 803 C
					2E0 820 803 B
VW GROUP	DCP02013	447190-9560	447220-8810	447300-9600	4B0 260 805 J
VW GROUP	DCP02013	447170-9380	447220-8810	447300-9600	4B0 260 805 K
VW GROUP	DCP02028	447190-9570	447260-0200	248300-1860	8E0 260 805 AS
	DCP02028	447180-9490	*	*	8E0 260 805 AS
VW GROUP	DCP02009	447190-9580	447220-9260	248300-0300	4E0 250 805 F
	DCP02009	447180-4550	447220-9260	248300-0300	4E0 250 805 F
VW GROUP	DCP02015	447190-9610	447220-9830	248300-0260	4F0 260 805 AD
	DCP02015	447180-7730	447220-9830	248300-0260	4F0 260 805 E->L
VW GROUP	DCP02052	447190-9750	447260-1320	248300-2120	8E0 260 805 CC
					8E0 260 805 BR
	DCP02052	447190-9740			8E0 260 805 BQ





Refrigerant



ALFA ROMEO						
145	ALL	ALL	09/94>	M	R134A	DCN01002
145	ALL	ALL	09/94>	M	R134A	DCN01002
145	1.3	1351 AR 33501	09/94>12/96	M	R134A	DCN01001
145	1.4 TWIN SPARK 16V	1370 AR 33503 - 38501	12/96>01/01	M	R134A	DCN01001
145	1.6 8V	1596 AR 33201	09/94>12/96	M	R134A	DCN01001
145	1.6 TWIN SPARK 16V	1598 AR 38201 - 67601	12/96>01/01	M	R134A	DCN01001
145	1.7 16V	1712 AR 33401	09/94>	M	R134A	DCN01001
145	1.8 TWIN SPARK 16V	1747	12/96>12/98	M	R134A	DCN01001
145	2.0 TWIN SPARK 16V	1970 AR 67204	05/95>01/01	M	R134A	DCN01001
145	2.0 QUADRIFOGLIO 16V	1970 AR 32301	03/98>01/01	M	R134A	DCN01001
145	1.9 TD	D 1929	09/94>02/99	M	R134A	DCN09143
145	1.9 JTD	D 1910	05/99>01/01	M	R134A	DCN01001
145	2.0 TD	D 1929	12/96>	M	R134A	DCN01001
146	1.3	1351	09/94>12/96	M	R134A	DCN01001
146	1.4 TWIN SPARK 16V	1370	12/96>01/01	M	R134A	DCN01001
146	1.6 8V	1596	09/94>12/96	M	R134A	DCN01001
146	1.6 TWIN SPARK 16V	1598	12/96>01/01	M	R134A	DCN01001
146	1.7 16V	1712	09/94>12/96	M	R134A	DCN01001
146	1.8 TWIN SPARK 16V	1747	12/96>01/01	M	R134A	DCN01001
146	2.0 TWIN SPARK 16V	1970	05/95>01/01	M	R134A	DCN01001
146	2.0 TWIN SPARK 16V	1970	12/96>01/01	M	R134A	DCN01001
146	1.9 TD	D 1929	09/94>02/99	M	R134A	DCN09143
146	1.9 JTD	D 1910	05/99>01/01	M	R134A	DCN01001
146	2.0 TD	D 1929	12/96>	M	R134A	DCN01001
147	1.6 i 16V TWIN SPARK	AR32104 - AR37203	10/00>	M	R134A	DCN01012
147	2.0 JTS	1970		M	R134A	DCN01010 +*
147	2.0 i 16V TWIN SPARK	AR32310	10/00>	M	R134A	DCN01012
147	3.2 i V6 24V	932A.000	02/03>09/04		R134A	DCN01016 +**
147	1.9 JTD 8V	D 1910	01/01>	M	R134A	DCN01011
147	1.9 JTD 16V	D 1910	12/02>	M	R134A	DCN01010 +*
147	1.9 JTD	937A5.000 - 937A4.000	10/04>		R134A	DCN01016 +**
155	1.6 TWIN SPARK 16V	1598	09/96>	M	R134A	DCN01001
155	1.7 TWIN SPARK	1749	03/92>09/93	M	R12	DCN09140
155	1.7 TWIN SPARK	1749	10/93>12/95	M	R134A	DCN09142
155	1.8 TWIN SPARK	1773	03/92>09/93	M	R12	DCN09140
155	1.8 TWIN SPARK	1773	10/93>12/95	M	R134A	DCN09142
155	1.8 TWIN SPARK 16V	1747	09/96>	M	R134A	DCN01001
155	2.0 TWIN SPARK	1995	03/92>09/93	M	R12	DCN09140
155	2.0 TWIN SPARK	1995	10/93>12/95	M	R134A	DCN09142
155	2.0 TWIN SPARK 16V	1970	09/96>	M	R134A	DCN01001
155	1.9 TD	D 1929	10/93>08/96	M	R134A	DCN09142
155	1.9 TD	D 1929	09/96>	M	R134A	DCN09143
156	1.6 i 16V TWIN SPARK (n.0325640>)	AR67601 - AR32104	04/00>03/03	M	R134A	DCN01016 +**
156	1.6 i 16V TWIN SPARK	AR32104	04/03>		R134A	DCN01016 +**
156	1.8 i 16V TWIN SPARK (n.0325640>)	AR32205 - AR32201	04/00>03/03	M	R134A	DCN01016 +**
156	1.8 i 16V TWIN SPARK	AR32205	04/03>	M	R134A	DCN01016 +**
156	2.0 i 16V TWIN SPARK	937A1.000 - AR32310	04/00>		R134A	DCN01016 +**
156	2.0 JTS 16V	937A1.000 - AR32310	04/00>		R134A	DCN01016 +**
156	2.5 i V6 24V (n.0325640>)	AR32405 - AR32401	04/00>03/03		R134A	DCN01016 +**
156	2.5 i V6 24V	AR32405	04/03>		R134A	DCN01016 +**
156	1.9 JTD (n.0325640>)	1910	04/00>03/03	M	R134A	DCN01016 +**
156	1.9 JTD 16V (n.0325640>)	1910	04/00>03/03	M	R134A	DCN01016 +**
156	1.9 JTD	1910	04/03>	M	R134A	DCN01016 +**
156	1.9 JTD 16V	1910	04/03>	M	R134A	DCN01016 +**
156	2.4 JTD (n.0325640>)	2387	04/00>03/03	M	R134A	DCN01016 +**
156	2.4 JTD 10V - 20V	2387	04/03>	M	R134A	DCN01016 +**
166	2.0 i V6 Turbo SUPER	1996	11/98>	M	R134A	DCN01020
166	2.0 TWIN SPARK 16V	1970	11/98>	M	R134A	DCN01021
166	2.5 V6 24V	2492	11/98>	M	R134A	DCN01021
166	3.0 V6 24V	2959	11/98>	M	R134A	DCN01021
166	2.4 JTD	D 2387	11/98>	M	R134A	DCN01020
GTV	2.0 i TWIN SPARK 16V	1970	03/95>08/98	M	R134A	DCN01022
GTV	2.0 i V6 Turbo	1996	03/95>08/98	M	R134A	DCN01022
GTV	3.0 i -24V. V6	AR16102	08/98>	M	R134A	DCN01023
MITO	1.3 JTD 90 CV		08>		R134A	DCN13110 +*
MITO	1.4 Turbo		08>		R134A	DCN13110 +*
MITO	1.6 Multijet		08>		R134A	DCN13110 +*
MITO	1.8 Turbo		08>		R134A	DCN13110 +*
SPIDER	2.0 i -16V. TWIN SPARK	AR32301	08/98>	M	R134A	DCN01023
SPIDER	3.0 i -12V. V6	AR16101	08/98>	M	R134A	DCN01023

* Receiver Drier included ** Cartridge Drier Included



Refrigerant



AUDI						
80 IV AVANT	2.3 E - 10 V.	NG	01/93>	M/A	R134A	DCN02010
80 IV QUATTRO	2.2 E - 20 V. Turbo (S2)	ABY	02/93>	M	R134A	DCN02010
80 IV QUATTRO	2.2 E - 20 V. Turbo (RS2)	ADU	02/93>	M	R134A	DCN02010
80 IV QUATTRO	2.3 E - 10 V.	NG	10/92>11/94	M	R134A	DCN02010
A2	1.4 i 16V	BBY - AUA	07/01>	M/A	R134A	DCN02009
A2	1.6 FSi	BAD	01/02>	M/A	R134A	DCN02009
A2	1.2 TDi	ANY	07/01>	M/A	R134A	DCN02009
A2	1.4 TDi	AMF - BHC	07/01>	M/A	R134A	DCN02009
A3	1.6 i	AEH - AKL - APF - AVU	09/96>06/03	M/A	R134A	DCN32017
A3	1.6 i	BFQ	09/96>06/03	M/A	R134A	DCN32017
A3	1.8 i 20V	AGU - ARY - APG - AUM	09/96>06/03	M/A	R134A	DCN32017
A3	1.8 i 20V	AGN - ARX - AUQ - APP	09/96>06/03	M/A	R134A	DCN32017
A3	1.8 i 20V	AJQ - AQA - ARZ	09/96>06/03	M/A	R134A	DCN32017
A3	1.8 i Turbo 20V	AGU - ARY - APG - AUM	09/96>06/03	M/A	R134A	DCN32017
A3	1.8 i Turbo 20V	AGN - ARX - AUQ - APP	09/96>06/03	M/A	R134A	DCN32017
A3	1.8 i Turbo 20V	AJQ - AQA - ARZ	09/96>06/03	M/A	R134A	DCN32017
A3	1.9 TDI	AXR - AHF - ASZ - ALH	09/96>06/03	M/A	R134A	DCN32017
A3	1.9 TDI	AGR - ATD - ASV	09/96>06/03	M/A	R134A	DCN32017
A4	1.6 i	ADP - ARM - AHL - ANA	11/94>11/00	M/A	R134A	DCN32016
A4	1.8 i 20V	ARG - AEB - ANB - ARK - ADR	11/94>11/00	M/A	R134A	DCN32016
A4	1.8 i 20V	AFY - APT - APU - AJL - AWT	11/94>11/00	M/A	R134A	DCN32016
A4	1.8 i Turbo 20V	ARG - AEB - ANB - ARK - ADR	11/94>11/00	M/A	R134A	DCN32016
A4	1.8 i Turbo 20V	AFY - APT - APU - AJL - AWT	11/94>11/00	M/A	R134A	DCN32016
A4	1.8 i	ARG - AEB - ANB - ARK - ADR	11/94>11/00	M/A	R134A	DCN32016
A4	1.8 i	AFY - APT - APU - AJL - AWT	11/94>11/00	M/A	R134A	DCN32016
A4	2.4 i V6	AGA - APZ - ARJ - APS	07/95>11/00	M/A	R134A	DCN32016
A4	2.4 i V6	AJG - AML - AFM - ALF	07/95>11/00	M/A	R134A	DCN32016
A4	2.4 i V6 30V	AJG - AML - AFM - ALF	07/95>11/00	M/A	R134A	DCN32016
A4	2.4 i V6 30V	AGA - APZ - ARJ - APS	07/95>11/00	M/A	R134A	DCN32016
A4	2.6 i V6	ABC - ACZ	11/94>12/98	M/A	R134A	DCN32016
A4	2.8 i V6	ACK - APR - ALG - AAH	11/94>11/00	M/A	R134A	DCN32016
A4	2.8 i V6	AQD - AMX - ATX - ATQ	11/94>11/00	M/A	R134A	DCN32016
A4	2.8 i V6 30V	ACK - APR - ALG - AAH	11/94>11/00	M/A	R134A	DCN32016
A4	2.8 i V6 30V	AQD - AMX - ATX - ATQ	11/94>11/00	M/A	R134A	DCN32016
A4	1.9 TDI	AHU - AFN - AVG - AFF	11/94>11/00	M/A	R134A	DCN32016
A4	1.9 TDI	1Z	11/94>11/00	M/A	R134A	DCN32016
A4	1.9 TDI	AJM - AHH - ATJ	08/97>09/01	M/A	R134A	DCN32019
A4	2.5 TDI V6	AFB - AKN	11/97>09/01	M/A	R134A	DCN32019
A4	2.5 TDI V6 24V	AFB - AKN	11/97>09/01	M/A	R134A	DCN32019
A4 II	1.6 i	ALZ	12/00>01/03		R134A	DCN02011
A4 II	1.6 i	ALZ	01/03>12/04		R134A	DCN02012
A4 II	1.8 i 20V Turbo	AVJ - AMB - BFB - BEX	12/00>01/03		R134A	DCN02011
A4 II	1.8 i 20V Turbo	AVJ - AMB - BFB - BEX	01/03>		R134A	DCN02012
A4 II	2.0 FSi	ALT - AWA	12/00>01/03	M/A	R134A	DCN02011
A4 II	2.0 FSi	ALT - AWA	01/03>12/04	M/A	R134A	DCN02012
A4 II	2.4 i V6 30V	AMM - BDV	10/01>01/03	M/A	R134A	DCN02011
A4 II	2.4 i V6 30V	AMM - BDV	01/03>12/04	M/A	R134A	DCN02012
A4 II	3.0 i V6 30V	ASN - AVK - BBJ	12/00>01/03	M/A	R134A	DCN02011
A4 II	3.0 i V6 30V	ASN - AVK - BBJ	01/03>12/04	M/A	R134A	DCN02012
A4 II	1.9 TDI	D 1896 AWX - AVF - AVB	01/03>12/04	M	R134A	DCN02012
A4 II	1.9 TDI	D 1896 AWX - AVF-AVB	01/01>01/03	M	R134A	DCN02011
A4 II	2.5 TDI V6 24V	2496 AKE - AYM - BFC - BDH	01/01>01/03	M	R134A	DCN02011
A4 II	2.5 TDI V6 24V	2496 AKE - BAU - BCZ - BFC - BDH - BDG	01/03>12/04	M	R134A	DCN02012
A4 III	1.6 i MPI (B7)		01/05>	M/A	R134A	DCN02018
A4 III	1.8T MPI (B7)		01/05>	M/A	R134A	DCN02018
A4 III	2.0T MPI (B7)		01/05>	M/A	R134A	DCN02018
A4 III	2.0 i MPI (B7)		01/05>	M/A	R134A	DCN02018
A4 III	3.0 MPI (B7)	(ONLY CABRIO)	01/05>	M/A	R134A	DCN02018
A4 III	3.2 FSi ((B7)		01/05>	M/A	R134A	DCN02018
A4 III	4.2 i MPI (B7S4)		01/05>	M/A	R134A	DCN02019
A4 III	4.2 i FSi (B7S4)		01/05>	M/A	R134A	DCN02019
A4 III	4.2 FSi (B7RS4)		01/05>	M/A	R134A	DCN02020
A4 III	1.9 i TDI		01/05>	M/A	R134A	DCN02018
A4 III	2.0 i TDI		01/05>	M/A	R134A	DCN02018
A4 III	2.5 i TDI		01/05>	M/A	R134A	DCN02018
A4 III	3.0 TDI		01/05>	M/A	R134A	DCN02018
A4 AVANT	(B7)		01/05>	M/A	R134A	DCN02018
A4 AVANT	(B7S4)		01/05>	M/A	R134A	DCN02019
A4 CABRIO	1.8 i 20V Turbo	1781 BFB	07/02>01/03	M/A	R134A	DCN02011
A4 CABRIO	1.8 i 20V Turbo	1781 BFB	01/03>	M/A	R134A	DCN02012
A4 CABRIO	2.0 i 20V		11/04>	M/A	R134A	DCN02012
A4 CABRIO	2.4 i V6 30V	2393 BDV - AMM	04/02>01/03	M/A	R134A	DCN02011



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AUDI continued						
A4 CABRIO	2.4 i V6 30V	2393 BDV - AMM	01/03>	M/A	R134A	DCN02012
A4 CABRIO	3.0 i V6 30V	2976 BBJ - ASN	04/02>01/03	M/A	R134A	DCN02011
A4 CABRIO	3.0 i V6 30V	2976 BBJ - ASN	01/03>	M/A	R134A	DCN02012
A4 CABRIO	2.5 TDi V6	2496 BFC	08/02>01/03	M/A	R134A	DCN02011
A4 CABRIO	2.5 TDi V6	2496 BCZ - BDG - BFC	01/03>	M/A	R134A	DCN02012
A4 CABRIO	(B7)		01/05>	M/A	R134A	DCN02018
A4 CABRIO	(B7S4)		01/05>	M/A	R134A	DCN02019
A4 SEDAN	(B7)		01/05>	M/A	R134A	DCN02018
A4 SEDAN	(B7S4)		01/05>	M/A	R134A	DCN02019
A6 II	1.8 i 20V	1781 AFY - AJP	05/97>05/01	M/A	R134A	DCN02013
A6 II	1.8 i 20V Turbo	1781 AEB - AJL	05/97>05/01	M/A	R134A	DCN02013
A6 II	2.4 i V6 30V	2393 ALW - AJG - AGA - ALF	05/97>05/01	M/A	R134A	DCN02013
A6 II	2.7 i V6 Bi Turbo	2671 AZA - AJK	01/98>05/01	M/A	R134A	DCN02015
A6 II	2.8 i V6 30V	2771 AGE - ACK - ALG	05/97>05/01	M/A	R134A	DCN02013
A6 II	1.9 TDI	1896 AVG - AFN	05/97>05/01	M/A	R134A	DCN02013
A6 II	1.9 TDI	1896 AJM	01/98>05/01	M/A	R134A	DCN02015
A6 II	2.5 TDi V6	2496 AFB	04/97>05/01	M/A	R134A	DCN02014
A6 III	1.8 i 20V Turbo	1781 AWT	06/01>	M/A	R134A	DCN02013
A6 III	2.0 i 20V	1984 ALT	06/01>	M/A	R134A	DCN02011
A6 III	2.4 i V6 30V	2393 AMM - BDV - ASM	06/01>	M/A	R134A	DCN02013
A6 III	2.7 i V6 Bi Turbo	2671 ARE - BES	06/01>	M/A	R134A	DCN02015
A6 III	3.0 i V6 30V	2976 BBJ - ASN	06/01>	M/A	R134A	DCN02011
A6 III	1.9 TDI	1896 AVF - AWX	06/01>	M/A	R134A	DCN02013
A6 III	2.5 TDi V6	2496 BCZ - BDG	02/03>	M/A	R134A	DCN02012
A6 III	2.5 TDi V6	2496 AKE - AYM - BAU - BDH - BFC	06/01>07/04	M/A	R134A	DCN02014
A6 IV	2.0 FSi	BPJ	04/04>	M/A	R134A	DCN02017
A6 IV	2.0 TFSi	BPJ - BYK	07/04>	M/A	R134A	DCN02017
A6 IV	2.4 i V6 24V	BDW	04/04>	M/A	R134A	DCN02017
A6 IV	2.8 FSi V6 24V	BDX - BYU	04/04>	M/A	R134A	DCN02017
A6 IV	3.0 i V6 24V	BBJ	04/04>	M/A	R134A	DCN02017
A6 IV	3.2 FSi V6 24V	AUK - BKH - BYU	04/04>	M/A	R134A	DCN02017
A6 IV	4.2 i V8 40V	BAT - BVJ	04/04>	M/A	R134A	DCN02017
A6 IV	2.0 PD TDi	BLB - BNA - BRE - BRF - BVG	04/04>	M/A	R134A	DCN02017
A6 IV	2.7 V6 TDi	BPP - BSG	11/04>	M/A	R134A	DCN02017
A6 IV	3.0 V6 TDi	ASB - BMK - BNG	04/04>	M/A	R134A	DCN02017
A6 II QUATTRO	1.8 i		09/97>	M/A	R134A	DCN02013
A6 II QUATTRO	2.4 i		09/97>	M/A	R134A	DCN02013
A6 II QUATTRO	1.9 TDi (n.4B-2-010001>)		09/97>	M/A	R134A	DCN02013
A6 ALLROAD	2.7 i V6 Turbo	2672 BES	07/02>	M/A	R134A	DCN02015
A6 ALLROAD	4.2 i V8 40V	4172 BAS	10/02>	M/A	R134A	DCN02011
A6 AVANT	3.2 i FSi (C6)		01/04>	M/A	R134A	DCN02017
A6 AVANT	4.2 i FSi (C6)		01/04>	M/A	R134A	DCN02017
A6 AVANT	2.0 TDi (C6)		01/04>	M/A	R134A	DCN02017
A6 AVANT	2.7 TDi (C6)		01/04>	M/A	R134A	DCN02017
A6 AVANT	3.0 TDi (C6)		01/04>	M/A	R134A	DCN02017
CABRIO	2.3 E - 10 V.	NG	10/92>	M/A	R134A	DCN02010
COUPE	2.3 E - 10 V.	NG	10/92>07/94	M/A	R134A	DCN02010
COUPE QUATTRO	2.2 E - 20 V. Turbo (S2)	ABY	10/92>	M	R134A	DCN02010
COUPE QUATTRO	2.3 E - 10 V.	NG	10/92>	M	R134A	DCN02010
S3	1.8 i Turbo 20V	AMK - APY	11/98>04/02	M	R134A	DCN32017
TT	1.8 i Turbo 20V	APP - ARY - AJQ	10/98>	M	R134A	DCN32017
TT	1.8 i Turbo 20V	APX - AUM - AUQ	10/98>	M	R134A	DCN32017
TT	1.8 i Turbo 20V	BAM	10/98>	M	R134A	DCN32017
BMW						
3 E36	316 i SEDAN	M 40 / M 43	09/92>09/97	M/A	R134A	DCN05002
3 E36	316 i COMPACT	M 43	09/92>09/97	M/A	R134A	DCN05002
3 E36	316 i COUPE	M 40 / M 43	09/93>09/97	M/A	R134A	DCN05002
3 E36	318 IS COUPE / CABRIO	M 42	09/92>09/97	M/A	R134A	DCN05002
3 E36	318 TI COMPACT - 16 V.	M 42	09/92>09/97	M/A	R134A	DCN05002
3 E36	320 i SEDAN / TOURING	M 50	09/92>	M/A	R134A	DCN05002
3 E36	320 i COUPE / CABRIO	M 50	09/92>	M/A	R134A	DCN05002
3 E36	325 i COUPE / CABRIO	M 50	09/92>09/97	M/A	R134A	DCN05002
3 E36	328 i SEDAN / TOURING	M 52	09/90>	M/A	R134A	DCN05002
3 E36	328 IC COUPE / CABRIO	M 52	09/90>	M/A	R134A	DCN05002
3 E36	325 i SEDAN / TOURING	M 50	09/92>09/97	M/A	R134A	DCN05002
3 E36	318 i SEDAN / CABRIO / TOURING	M 40	09/92>09/97	M/A	R134A	DCN05002
3 E36	318 TDS COMPACT / SEDAN / TOURING	M 41	09/94>09/97	M/A	R134A	DCN05002
3 E36	325 TD SEDAN	M 51	09/92>	M/A	R134A	DCN05002
3 E46	316 i		11/97>	M/A	R134A	DCN05004
3 E46	318 i		01/98>	M/A	R134A	DCN05004
3 E46	320 i		01/98>	M/A	R134A	DCN05004



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BMW continued					
3 E46	323 i		01/98>	M/A	R134A DCN05004
3 E46	325 i		01/98>	M/A	R134A DCN05004
3 E46	328 i		01/98>	M/A	R134A DCN05004
3 E46	330 i		01/98>	M/A	R134A DCN05004
3 E46	M3		01/98>	M	R134A DCN05004
3 E46	318 d		01/98>	M	R134A DCN05003
3 E46	320 d		01/98>	M/A	R134A DCN05003
3 E46	330 d		01/98>	M/A	R134A DCN05003
3 E46 COMPACT	316 Ti		06/01>	M/A	R134A DCN05004
3 E46 COMPACT	318 Ti	N42 - N46	06/01>	M/A	R134A DCN05004
3 E46 COMPACT	325 Ti		06/01>	M	R134A DCN05004
3 E46 COMPACT	318 Td		06/01>	M	R134A DCN05003
3 E46 COMPACT	320 Td		06/01>	M	R134A DCN05003
5 E39	520 i	M52B...	09/95>09/97	M/A	R134A DCN05015
5 E39	520 i	M ...	09/97>	M/A	R134A DCN05005
5 E39	523 i	M52B...	09/95>09/97	M/A	R134A DCN05015
5 E39	523 i	M 52	09/97>	M/A	R134A DCN05005
5 E39	525 i	M54256S5	09/97>	M/A	R134A DCN05005
5 E39	528 i V8	M52B...	09/95>09/97	M/A	R134A DCN05015
5 E39	528 i	M 52	09/97>	M/A	R134A DCN05005
5 E39	530 i	M 54306S3	09/97>	M/A	R134A DCN05005
5 E39	535 i V8	M62B...	09/95>09/97	M/A	R134A DCN05015
5 E39	535 i 3.5 V8	M73	09/97>	M/A	R134A DCN05005
5 E39	540 i V8	M62B...	09/95>09/97	M/A	R134A DCN05015
5 E39	540 i 4.4 V8	M...	09/97>	M/A	R134A DCN05005
5 E39	M 5 5.0 V8	M73508S1	09/97>	M/A	R134A DCN05005
5 E39	520 D	M 47204D1	09/97>	M/A	R134A DCN05005
5 E39	525 TD	M51D25R	09/95>09/97	M/A	R134A DCN05015
5 E39	525 TDS 2.5 TD	M 51D25R	09/97>	M/A	R134A DCN05005
5 E39	530 D	M 57306D1	09/97>	M/A	R134A DCN05005
5 E39	530 3.0 D	M 52D30H	09/97>	M/A	R134A DCN05006
5 E60	520 i	M54B...	06/03>	M/A	R134A DCN05018
5 E60	523 i	All	08/03>	M/A	R134A DCN05018
5 E60	525 i	M54B...	09/03>02/05	M/A	R134A DCN05018
5 E60	530 i	M54B...	06/03>02/05	M/A	R134A DCN05018
5 E60	530 i	N52B...	03/05>	M/A	R134A DCN05018
5 E60	545 i	N62B...	06/03>09/05	M/A	R134A DCN05018
5 E60	520 D	M47D20TU2	09/05>	M/A	R134A DCN05017
5 E60	525 D	M57D25TU	06/03>	M/A	R134A DCN05017
5 E60	530 D	M57D...	06/03>	M/A	R134A DCN05017
5 E60	535 D	M57D - 30TU	06/03>	M/A	R134A DCN05017
6 E63	630 i	N52B...	09/04>	M/A	R134A DCN05018
6 E63	645 Ci	N62B...	09/03>	M/A	R134A DCN05018
6 E64	630 i	N52B...	09/04>	M/A	R134A DCN05018
6 E64	645 Ci	N62B...	03/04>	M/A	R134A DCN05018
7 E38	728 i	M52B...	07/95>09/97	M/A	R134A DCN05019
7 E38	730 i V8	M60B...	07/94>09/97	M/A	R134A DCN05019
7 E38	730 iL V8	M60B...	07/94>09/97	M/A	R134A DCN05019
7 E38	730 i / 730 iL 3.0 I - V8.	M 60	09/97>	M/A	R134A DCN05007
7 E38	740 i V8	M60B...	07/94>09/97	M/A	R134A DCN05019
7 E38	740 iL V8	M60B...	07/94>09/97	M/A	R134A DCN05019
7 E38	740 i / 740 iL 4.0 I - V8.	M 60	09/97>	M/A	R134A DCN05007
7 E38	750 i V12	M73B...	07/94>09/97	A	R134A DCN05019
7 E38	750 iL V12	M73B...	07/94>09/97	A	R134A DCN05019
7 E38	750 i / 750 iL 5.4 I - V12	M 73	09/97>	A	R134A DCN05007
7 E38	725 TDS	M51D...	04/96>08/97		R134A DCN05019
7 E38	730 D 3.0 D - 24V.	M 52D30H		M/A	R134A DCN05006
7 E65	730 i	M54B...	09/03>02/05	A	R134A DCN05018
7 E65	735 i	N62B...	09/01>02/05	A	R134A DCN05018
7 E65	745 i	N62B...	09/01>02/05	A	R134A DCN05018
7 E65	760 i	N73B...	02/03>02/05	A	R134A DCN05018
7 E65	730 D	M57D...	08/02>	A	R134A DCN05017
7 E65	740 D	M67D...	08/02>02/05	A	R134A DCN05017
7 E65	745 D	M67D...	03/05>	A	R134A DCN05017
7 E66	730 Li	M54B...	09/03>02/05	A	R134A DCN05018
7 E66	735 Li	N62B...	03/02>02/05	A	R134A DCN05018
7 E66	745 Li	N62B...	03/02>02/05	A	R134A DCN05018
7 E66	760 Li	N73B...	02/03>02/05	A	R134A DCN05018
7 E66	730 LD	M57D...	09/05>	A	R134A DCN05017
X3	X3 2,5		10/03>	A	R134A DCN05008
X3	X3 3,0		10/03>	A	R134A DCN05008
X3	X3 3.0 D		10/03>	A	R134A DCN05003



Refrigerant



BMW continued					
X5	X5		09/00>	M/A	R134A DCN05009
Z3	Z3 1.8 (E36)			M/A	R134A DCN05002
Z3	Z3 1.9 (E36)			M/A	R134A DCN05002
Z3	Z3 2.8 (E36)			M/A	R134A DCN05002
Z4	Z4		09/02>	M/A	R134A DCN05010
BMW MINI					
COOPER	1.6 i 16V	W10B...	02/02>	M	R134A DCN05101
COOPER	CABRIOLET 1.6 i 16V		07/04>	M	R134A DCN05101
COOPER S	1.6 i 16V	W11B...	04/03>	M	R134A DCN05101
COOPER S	CABRIOLET 1.6 i 16V		07/04>	M	R134A DCN05101
ONE	1.4 i 16V	W10B...	04/03>	M	R134A DCN05101
ONE	1.6 i 16V	W10B...	04/01>	M	R134A DCN05101
ONE	CABRIOLET 1.6 i 16V		07/04>	M	R134A DCN05101
ONE	1.4 Diesel	1 ND	05/03>	M	R134A DCN05100
CITROEN					
C2	ALL		08/03>	M/A	R134A DCN07007
C3	ALL		04/01>	M/A	R134A DCN07007
C3 PLURIEL	ALL		01/03>	M/A	R134A DCN07007
C4	1.4 16V	ET3J4	11/04>	M/A	R134A DCN07008 ++
C4	1.4 i 16V	ET3J4	11/04>	M	R134A DCN07019
C4	1.6 16V	TU5JP4	11/04>	M/A	R134A DCN07008 ++
C4	1.6 i 16V	TU5JP4	11/04>	M	R134A DCN07019
C4	1.8 i 16V	EW7A	09/06>	M	R134A DCN07019
C4	2.0 16V	EW10J4 - EW10A - EW10J4S	11/04>	M	R134A DCN07008 ++
C4	2.0 i 16V	EW10J4 - EW10J4S	11/04>	M	R134A DCN07019
C4	2.0 i 16V	EW10A	09/06>	A	R134A DCN07019
C4	1.6 HDi 16V	DV6TED4 - DV6ATED4	11/04>	M	R134A DCN07019
C4	1.6 HDi 16V	DV6TED4	09/06>	M	R134A DCN07019
C4	2.0 HDi 16V	DW10BTD4	11/04>	M	R134A DCN07019
C4	2.0 HDi 135 FAP	DW10BTD4	11/04>		R134A DCN07008 ++
C4	2.0 HDi 16V	DW10BTD4	09/06>	M	R134A DCN07019
C4 COUPÉ	1.4 16V	ET3J4	11/04>	M/A	R134A DCN07008 ++
C4 COUPÉ	1.6 16V	TU5JP4	11/04>	M/A	R134A DCN07008 ++
C4 COUPÉ	2.0 16V	EW10J4 - EW10A - EW10J4S	11/04>	M	R134A DCN07008 ++
C4 COUPÉ	2.0 HDi 135 FAP	DW10BTD4	11/04>		R134A DCN07008 ++
C5	1.8 i 16V	EW7J4	02/01>08/04	M/A	R134A DCN07005 +
C5	2.0 HPI 16V	EW10J4	02/01>08/04	M/A	R134A DCN07005 +
C5	2.0 i 16V	EW10D	02/01>08/04	M/A	R134A DCN07005 +
C5	3.0 i V6 24V	ES9J4S	02/01>08/04	M/A	R134A DCN07005 +
C5	2.0 HDi TD	DW10TD - DW10ATED	02/01>08/04	M/A	R134A DCN07005 +
C5	2.2 HDi 16V TD	DW12TED4	02/01>08/04	M/A	R134A DCN07005 +
SAXO	1.1 i	TU1M	03/96>08/99	M	R134A DCN07004
SAXO	1.1 i GPL	TU1M	03/96>08/99	M	R134A DCN07004
SAXO	1.4 i	TU3JP	03/96>08/99	M	R134A DCN07004
SAXO	1.6 i 16V	TU5JP	03/96>08/99	M	R134A DCN07004
SAXO	1.6 i	TU5J4	03/96>08/99	M	R134A DCN07004
SAXO	1.5 Diesel	TUD5B - TUD5	05/96>08/99	M	R134A DCN07004
SAXO	ALL		01/01>	M	R134A DCN21004
XSARA	1.4 i GPL	TU3JP	07/97>08/00		R134A DCN21010
XSARA	1.4 i	TU3JP	07/97>08/00	M/A	R134A DCN21010
XSARA	1.4 HDi	DV4TD	01/03>		R134A DCN07009 +
XSARA	1.6 i	TU5JP	07/97>08/00	M/A	R134A DCN21010
XSARA	1.8 i GPL 16V	XU7JB - JP - JP4	07/97>08/00		R134A DCN21010
XSARA	1.8 i	XU7JB - JP - JP4	07/97>08/00	M/A	R134A DCN21010
XSARA	1.8 i 16V	XU7JB - JP - JP4	07/97>08/00	M/A	R134A DCN21010
XSARA	2.0 i 16V	XU10J4R - XU10J4RS	01/98>08/00	M/A	R134A DCN21010
XSARA	1.5 D	TUD5	03/98>08/00	M/A	R134A DCN21011
XSARA	1.8 D	XUD7	03/98>08/00		R134A DCN07010
XSARA	1.9 D	XUD9...	07/97>08/00		R134A DCN07010
XSARA	1.9 SD	XUD9...	07/97>08/00		R134A DCN07010
XSARA	1.9 TD	XUD9...	07/97>08/00		R134A DCN07010
XSARA	1.9 D	DW8	09/98>08/00		R134A DCN07010
XSARA	2.0 HDi	DW10TD	03/99>08/00		R134A DCN07010
XSARA II	1.4 i 8V	TU3JP	09/00>	M/A	R134A DCN07009 +
XSARA II	1.6 i 16V	TU5JP4	09/00>	M/A	R134A DCN07009 +
XSARA II	2.0 i 16V	EW10J4	09/00>	M/A	R134A DCN07009 +
XSARA II	2.0 i 16V	XU10J4RS	09/00>	M/A	R134A DCN21010
XSARA II	1.9 D	DW8B	09/00>	M/A	R134A DCN07009 +
XSARA II	1.9 D	DW8B	12/01>		R134A DCN21025 +
XSARA II	2.0 HDi	DW10ATED	08/01>	M/A	R134A DCN07009 +

* Receiver Drier included ** Cartridge Drier Included



Refrigerant



CITROËN continued						
XSARA II	2.0 HDi	DW10TD	09/00>		R134A	DCN21025 +*
XSARA PICASSO	1.6 i	TUJP	12/99>	M	R134A	DCN07009 +*
XSARA PICASSO	1.8 i 16V	EW7J4	12/99>	M	R134A	DCN07009 +*
XSARA PICASSO	2.0 i 16V	EW10J4	01/03>		R134A	DCN07009 +*
XSARA PICASSO	2.0 HDi	DW10TD	12/99>	M	R134A	DCN07009 +*
ZX	1.1	TU1 - TU1M - TU1M+	01/93>01/97		R134A	DCN21010
ZX	1.1 i	TU1 - TU1M - TU1M+	01/93>01/97		R134A	DCN21010
ZX	1.4	TU3M - TU3MC	01/93>01/97		R134A	DCN21010
ZX	1.4	TU3JP - TU3.2	01/93>01/97		R134A	DCN21010
ZX	1.4 i	TU3M - TU3MC	01/93>01/97		R134A	DCN21010
ZX	1.4 i	TU3JP - TU3.2	01/93>01/97		R134A	DCN21010
ZX	1.6 i	XU5JP	01/93>01/97		R134A	DCN21010
ZX	1.6 i	XU5M - XU5M2	01/93>01/97		R134A	DCN21010
ZX	1.8 i	XU7JP	01/93>01/97		R134A	DCN21010
ZX	1.9 i	XU9JA	01/93>08/93		R134A	DCN21010
ZX	2.0 i	XU10J2C	01/93>01/97		R134A	DCN21010
ZX	2.0 i	XU10J4 - XU10J4RS	01/93>01/97		R134A	DCN21010
ZX	2.0 i 16V	XU10J2C	01/93>01/97		R134A	DCN21010
ZX	2.0 i 16V	XU10J4 - XU10J4RS	01/93>01/97		R134A	DCN21010
ZX	1.4 D	TUD3	07/94>01/97		R134A	DCN21010
ZX	1.5 D	TUD5	07/94>01/97		R134A	DCN21010
ZX	1.8 D	XUD7	01/93>01/97		R134A	DCN21010
ZX	1.9 D	XUD9 - XUD9A - XUD9TE	01/93>07/98		R134A	DCN21010
ZX	1.9 TD	XUD9 - XUD9A - XUD9TE	01/93>07/98		R134A	DCN21010
BERLINGO	1.1 i	TU1M+	07/96>06/97		R134A	DCN21010
BERLINGO	1.4	TU3JP - TU3.2	07/96>06/97		R134A	DCN21010
BERLINGO	1.4 i	TU3JP - TU3.2	07/96>06/97		R134A	DCN21010
BERLINGO	1.8 D	XUD7	07/99>12/02		R134A	DCN07010
BERLINGO	1.8 D	XUD7	07/96>07/99	M	R134A	DCN07060
BERLINGO	1.9 D	DW8	07/99>12/02		R134A	DCN07010
BERLINGO	1.9 D	XUD9A	07/99>12/02		R134A	DCN07010
BERLINGO	1.9 D	DW8	07/98>07/99	M	R134A	DCN07060
BERLINGO	1.9 D	XUD9A	07/96>07/99	M	R134A	DCN07060
BERLINGO	2.0 HDi	DW10TD	10/99>12/02		R134A	DCN07010
BERLINGO II	1.1 i	TU1JP	11/02>	M/A	R134A	DCN07009 +*
BERLINGO II	1.4 i	TU3JP	11/02>	M/A	R134A	DCN07009 +*
BERLINGO II	1.6 i 16V	TU5JP4	11/02>	M/A	R134A	DCN07009 +*
BERLINGO II	1.9 D	DW8B	11/02>	M/A	R134A	DCN07009 +*
BERLINGO II	2.0 HDi	DW10TD	11/02>	M/A	R134A	DCN07009 +*
DISPATCH	2.0 HDi	DW10BTED...	01/04>		R134A	DCN07009 +*
JUMPER	2.0	1998 RFW	01/99>	M	R134A	DCN09050
JUMPER	1.9 D	D 1905 D9B	01/99>	M	R134A	DCN09050
JUMPER	1.9 TD	D 1905 D8C	01/99>	M	R134A	DCN09050
JUMPER	2.5 D	D 2446 T8A/T9A	01/99>	M	R134A	DCN09050
JUMPER	2.8 HDi	D 2798	01/99>	M	R134A	DCN09050
JUMPER II	2.0		04/02>06	M	R134A	DCN09049 +*
JUMPER II	2.0 HDi		04/02>06	M	R134A	DCN09049 +*
JUMPER II	2.2 HDi		04/02>06	M	R134A	DCN09049 +*
JUMPER II	2.8 HDi		04/02>06	M	R134A	DCN09049 +*
JUMPER III	2.3 JTD		06>		R134A	DCN07050
FIAT						
500	1.2 8V 69CV 51KW (312)	1242	01/07>	M	R134A	DCN09045 +*
500	1.4 16V 100CV 73.5 KW (312)	1368	01/07>	M	R134A	DCN09045 +*
500	1.3 MJET 16V 75CV 55KW (312)	1248	01/07>	M	R134A	DCN09045 +*
BARCETTA	1.8 16V	1747	>04/95	M	R134A	DCN09001
BARCETTA	1.8 16V	1747	05/95>	M	R134A	DCN09002
BRAVA/BRAVO	1.2 16V	1242 FIRE MPI	11/98>01/01	M	R134A	DCN09010
BRAVA/BRAVO	1.2 16V	1242 FIRE MPI	02/01>	M	R134A	DCN09011
BRAVA/BRAVO	1.2 16V ISRAEL	1242 FIRE MPI	11/98>	M	R134A	DCN09012
BRAVA/BRAVO	1.4 12V	1370 SPI	09/95>10/96	M	R134A	DCN09013
BRAVA/BRAVO	1.4 12V	1370 SPI	11/96>	M	R134A	DCN09014
BRAVA/BRAVO	1.6 16V	1581 MPI	02/01>	M	R134A	DCN09011
BRAVA/BRAVO	1.6 16V	1581 MPI	09/95>10/97	M	R134A	DCN09014
BRAVA/BRAVO	1.6 16V	1581 MPI	11/97>01/01	M	R134A	DCN09010
BRAVA/BRAVO	1.8 16V	1747 MPI	09/95>09/97	M	R134A	DCN09013
BRAVA/BRAVO	1.8 16V	1747 MPI	10/97>	M	R134A	DCN09015
BRAVA/BRAVO	1.9 Diesel	D 1929	09/95>	M	R134A	DCN09013
BRAVA/BRAVO	1.9 JTD 105 - 100	D 1910	11/98>	M	R134A	DCN09016
BRAVA/BRAVO	1.9 TD 100	D 1910	11/96>	M	R134A	DCN09017
BRAVA/BRAVO	1.9 TD 75	D 1910	11/96>	M	R134A	DCN09017
BRAVO	2.0 20V	1998 MPI	09/95>09/97	M	R134A	DCN09013

* Receiver Drier included



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FIAT continued						
BRAVO	2.0 20V	1998 MPI	10/97>	M	R134A	DCN09015
BRAVO 2007	1.4 16V BZ (198)		01/07>	M	R134A	DCN09110 +*
BRAVO 2007	1.4 16V Turbo (198)		01/07>	M	R134A	DCN09110 +*
BRAVO 2007	1.9 MJET 8/16V (198)		01/07>	M	R134A	DCN09110 +*
COUPÉ	1.8 i -16V.	183A1	01/96>	M	R134A	DCN01002
COUPÉ	2.0 i.e. 16V	1998	03/94>	M	R134A	DCN09143
COUPÉ	2.0 i.e. 16V Turbo	1998	03/94>	M	R134A	DCN09143
COUPÉ	2.0 i -20V.	182A1	01/96>	M	R134A	DCN01002
COUPÉ	2.0 i - 20V. Turbo	175A3	01/96>	M	R134A	DCN01002
CROMA	2.0 i.e. 16V	1995	10/88>	M	R134A	DCN09030
CROMA	1.9 TD i.d.	D 1929	09/88>	M	R134A	DCN09030
DOBLÓ	1.2 8V	1242 MPI	12/00>	M	R134A	DCN09040
DOBLÓ	1.4 Bipower				R134A	DCN09042 +**
DOBLÓ	1.6 16V	1596 MPI	03/02>	M	R134A	DCN09040
DOBLÓ	1.6 Bipower				R134A	DCN09042 +**
DOBLÓ	1.3 MJET			M	R134A	DCN09102
DOBLÓ	1.3 MJET 16V (223 REST.)		01/06>	M	R134A	DCN09070 +**
DOBLÓ	1.9 Diesel	D 1910	12/00>	M	R134A	DCN09041
DOBLÓ	1.9 JTD	D 1910	07/01>	M	R134A	DCN09102
DOBLÓ	1.9 MJET (223 REST.)		01/06>	M	R134A	DCN09070 +**
IDEA	1.2 i 16V	1242 MPI	12/03>	M	R134A	DCN09070 +**
IDEA	1.4 i 16V	1368 MPI	12/03>	M	R134A	DCN09070 +**
IDEA	1.3 Multijet 16V	D 1251	12/03>	M	R134A	DCN09070 +**
IDEA	1.9 JTD 8V	D 1910	12/03>	M	R134A	DCN09071
LINEA	1.0 BRASIL		01/07>	M	R134A	DCN09300 +**
LINEA	1.4 BRASIL		01/07>	M	R134A	DCN09300 +**
LINEA	1.8 BZ BRASIL		01/07>	M	R134A	DCN09110 +*
LINEA	2.0 BZ BRASIL		01/07>	M	R134A	DCN09110 +*
LINEA	1.3 JTD BRASIL		01/07>	M	R134A	DCN09110 +*
MAREA	1.2 16V Berl. - Weekend	1242 FIRE MPI	11/98>09/02	M	R134A	DCN09010
MAREA	1.2 16V Berl. - Weekend ISRAEL	1242 FIRE MPI	11/98>	M	R134A	DCN09012
MAREA	1.4 12V Berl. - Weekend	1370 SPI	09/96>09/97	M	R134A	DCN09013
MAREA	1.4 12V Berl. - Weekend	1370 SPI	10/97>07/99	M	R134A	DCN09010
MAREA	1.6 16V Berl. - Weekend	1581 MPI	09/96>12/96	M/A	R134A	DCN09014
MAREA	1.6 16V Berl. - Weekend	1581 MPI	01/97>09/02	M/A	R134A	DCN09010
MAREA	1.8 16V Berl. - Weekend	1747 MPI	09/96>09/97	M	R134A	DCN09013
MAREA	1.8 16V Berl. - Weekend	1747 MPI	10/97>	M	R134A	DCN09015
MAREA	2.0 20V Berl. - Weekend	1998 MPI	09/96>09/97	M	R134A	DCN09013
MAREA	2.0 20V Berl. - Weekend	1998 MPI	10/97>	M	R134A	DCN09015
MAREA	1.9 TD 75 Berl. - Weekend	D 1910	09/96>07/99	M	R134A	DCN09017
MAREA	1.9 TD 100 Berl. - Weekend	D 1910	09/96>07/99	M	R134A	DCN09017
MAREA	1.9 JTD 105 - 110 Berl. - Weekend	D 1910	11/98>	M	R134A	DCN09016
MULTIPLA	100 1.6 16V	1581 MPI	11/98>01/01	M	R134A	DCN09080
MULTIPLA	100 1.6 16V	1581 MPI	02/01>	M	R134A	DCN09081
MULTIPLA	1.6		01/04>	M/A	R134A	DCN09083 +**
MULTIPLA	105 - 110 JTD	D 1910	11/98>	M	R134A	DCN09082
MULTIPLA	1.9 JTD		01/04>	M/A	R134A	DCN09084 +**
MULTIPLA	1.9 JTD (REST.)	D 1910	01/05>	M	R134A	DCN09085 +*
PANDA	1.1 i	187A1.000	09/03>	M	R134A	DCN09105 +**
PANDA	1.2 i	188A4.000	09/03>	M	R134A	DCN09105 +**
PANDA	1.4 i 16V	169 A3.000	09/03>	M	R134A	DCN09105 +**
PANDA	1.3 JTD Multijet 16V	188A9.000	09/03>	M	R134A	DCN09105 +**
PUNTO I	55 / 55 6 SPEED	1108 FIRE SPI	06/93>03/95	M	R134A	DCN09090
PUNTO I	55 / 55 6 SPEED	1108 FIRE SPI	04/95>04/97	M	R134A	DCN09091
PUNTO I	55 / 55 6 SPEED	1108 FIRE SPI	05/97>	M	R134A	DCN09092
PUNTO I	60	1242 FIRE SPI	06/93>03/95	M	R134A	DCN09090
PUNTO I	60	1242 FIRE SPI	04/95>04/97	M	R134A	DCN09091
PUNTO I	60 '97	1242 FIRE SPI	05/97>09/97	M	R134A	DCN09091
PUNTO I	60 '97	1242 FIRE SPI	10/97>	M	R134A	DCN09092
PUNTO I	60 CABRIO	1242 FIRE SPI	06/93>09/97	M	R134A	DCN09093
PUNTO I	60 CABRIO '97	1242 FIRE SPI	10/97>	M	R134A	DCN09093
PUNTO I	60 SELECTA	1242 FIRE SPI	04/95>04/97	A	R134A	DCN09093
PUNTO I	60 SELECTA '97	1242 FIRE SPI	05/97>	A	R134A	DCN09093
PUNTO I	75	1242 FIRE MPI	06/93>03/95	M	R134A	DCN09090
PUNTO I	75	1242 FIRE MPI	04/95>04/97	M	R134A	DCN09091
PUNTO I	75 '97	1242 FIRE MPI	05/97>09/97	M	R134A	DCN09091
PUNTO I	75 '97	1242 FIRE MPI	10/97>	M	R134A	DCN09092
PUNTO I	85 16V '97	1242 FIRE MPI	05/97>09/97	M	R134A	DCN09094
PUNTO I	85 16V '97	1242 FIRE MPI	10/97>	M	R134A	DCN09092
PUNTO I	CABRIO 16V '97	1242 FIRE MPI	10/97>	M	R134A	DCN09094
PUNTO I	GT	1372 MPI Turbo	06/93>04/97	M	R134A	DCN09096
PUNTO I	GT '97	1372 MPI Turbo	05/97>	M	R134A	DCN09096

* Receiver Drier included ** Cartridge Drier Included



Refrigerant



FIAT continued						
PUNTO I	90	1581 MPI	04/95>04/97	M	R134A	DCN09094
PUNTO I	90	1581 MPI	06/93>03/95	M	R134A	DCN09095
PUNTO I	90 CABRIO	1581 MPI	06/93>09/97	M	R134A	DCN09095
PUNTO I	Turbo D 60	D 1697	06/93>03/95	M	R134A	DCN09097
PUNTO I	Turbo D 60 - 70	D 1697	04/95>09/97	M	R134A	DCN09098
PUNTO I	Turbo D 60 - 70 '97	D 1697	10/97>	M	R134A	DCN09098
PUNTO II	1.2 i 8V Denso	1242 FIRE MPI	09/99>09/00	M	R134A	DCN09100
PUNTO II	1.2 i 8V Valeo	188A5.000	07/99>01/01	M	R134A	DCN09104
PUNTO II	1.2 i 8V Denso	1242 FIRE MPI	10/00>06/02	M	R134A	DCN09101
PUNTO II	1.2 i 8V Valeo	188A5.000	01/01>06/03	M	R134A	DCN09104
PUNTO II	1.2 i 8V Denso	1242 FIRE MPI	06/02>09/02	M	R134A	DCN09102
PUNTO II	1.2 i 8V Denso	1242 FIRE MPI	10/02>	M	R134A	DCN09070 +**
PUNTO II	1.2 16V	1242 FIRE MPI	09/99>09/00	M	R134A	DCN09100
PUNTO II	1.2 16V	1242 FIRE MPI	10/00>	M	R134A	DCN09101
PUNTO II	1.2 16V Denso	1242 FIRE MPI	06/02>09/02	M	R134A	DCN09102
PUNTO II	1.2 16V Denso	1242 FIRE MPI	10/02>	M	R134A	DCN09070 +**
PUNTO II	1.2 i 16V Valeo	188A4.000	07/99>01/01	M/A	R134A	DCN09104
PUNTO II	1.2 i 16V Valeo	188A4.000	01/01>06/03	M/A	R134A	DCN09104
PUNTO II	1.8 16V	1747 MPI	09/99>	M	R134A	DCN09103
PUNTO II	1.9 D	D 1910	09/99>	M	R134A	DCN09103
PUNTO II	1.9 JTD	D 1910	09/99>	M	R134A	DCN09103
PUNTO II (FL2003)	1.2 8V	1242 FIRE MPI	07/03>	M	R134A	DCN09070 +**
PUNTO II (FL2003)	1.2 16V	1242 FIRE MPI	07/03>	M	R134A	DCN09070 +**
PUNTO II (FL2003)	1.4 16V	1368 MPI	07/03>	M	R134A	DCN09070 +**
PUNTO II (FL2003)	1.8 16V	1747 MPI	07/03>	M	R134A	DCN09103
PUNTO II (FL2003)	1.3 Multijet 16V	D 1248	07/03>	M	R134A	DCN09070 +**
PUNTO II (FL2003)	1.9 JTD	D 1910 (82 CV)	07/03>	M	R134A	DCN09103
PUNTO II (FL2003)	1.9 JTD	D 1910 74KW (101CV)	07/03>	M	R134A	DCN09070 +**
PUNTO II (FL2003)	1.9 Multijet 8V	D 1910	01/04>	M	R134A	DCN09071
GRANDE PUNTO	1.2	199 A4.000	12/05>		R134A	DCN09110 +*
GRANDE PUNTO	1.4 Turbo ABARTH	350 A1.000	01/07>	M	R134A	DCN09110 +*
GRANDE PUNTO	1.3 JTD (70 CV)	199 A2.000	12/05>		R134A	DCN09110 +*
GRANDE PUNTO	1.3 JTD (90 CV)	199 A3.000	12/05>		R134A	DCN09110 +*
GRANDE PUNTO	1.9 JTD A/C 8V	939 A1.000	12/05>		R134A	DCN09110 +*
SEICENTO	0.9	1170 A1.046	04/98>09/03	M	R134A	DCN09120
SEICENTO	1.1 SUITE / SPORTING	1108	04/98>09/03	M	R134A	DCN09120
STILO	1.2 16V	1242 MPI	01/02>	M	R134A	DCN09130 +**
STILO	1.4 16V	843 A1.000	09/01>	M	R134A	DCN09130 +**
STILO	1.6 16V	1506 MPI	10/01>	M	R134A	DCN09130 +**
STILO	1.8 16V	1747 MPI	10/01>	M	R134A	DCN09130 +**
STILO	2.4 20V	2446	10/01>	M/A	R134A	DCN09130 +**
STILO	1.9 JTD	D 1910	10/01>	M	R134A	DCN09130 +**
TEMPRA	1.4	1372	03/90>12/92	M	R12	DCN09140
TEMPRA	1.4	1372	01/93>	M	R134A	DCN09141
TEMPRA	1.6 / 1.6 SELECTA	1580	03/90>12/92	M/A	R12	DCN09140
TEMPRA	1.6 / 1.6 SELECTA	1580	01/93>	M/A	R134A	DCN09141
TEMPRA	1.8	1756	03/90>12/92	M	R12	DCN09140
TEMPRA	1.8	1756	01/93>	M	R134A	DCN09141
TEMPRA	2.0	1995	03/90>12/92	M	R12	DCN09140
TEMPRA	2.0	1995	01/93>	M	R134A	DCN09141
TEMPRA	1.9 D	D 1929	03/90>12/92	M	R12	DCN09140
TEMPRA	1.9 D	D 1929	01/93>	M	R134A	DCN09143
TEMPRA	1.9 TD	D 1929	03/90>12/92	M	R12	DCN09140
TEMPRA	1.9 TD	D 1929	01/93>	M	R134A	DCN09143
TIPO	1.1	1108	03/88>	M	R12	DCN09140
TIPO	1.4	1372	03/83>03/93	M	R12	DCN09140
TIPO	1.4	1372	04/93>	M	R134A	DCN09142
TIPO	1.6	1580	03/83>03/93	M	R12	DCN09140
TIPO	1.6	1580	04/93>	M	R134A	DCN09142
TIPO	1.8	1756	03/83>03/93	M	R12	DCN09140
TIPO	1.8	1756	04/93>	M	R134A	DCN09142
TIPO	2.0 - 2.0 16V	1995	03/83>03/93	M	R12	DCN09140
TIPO	2.0 16V	1995	04/93>	M	R134A	DCN09142
TIPO	1.7 D	D 1697	03/83>03/93	M	R12	DCN09140
TIPO	1.7 D	D 1697	04/93>	M	R134A	DCN09142
TIPO	1.9 D	D 1929	03/83>03/93	M	R12	DCN09140
TIPO	1.9 D	D 1929	04/93>	M	R134A	DCN09142
TIPO	1.9 TD	D 1929	03/83>03/93	M	R12	DCN09140
TIPO	1.9 TD	D 1929	04/93>	M	R134A	DCN09142
DUCATO II	Ducato		02/94>	M	R134A	DCN09050
DUCATO III	2.0		04/02>06	M	R134A	DCN09049 +*
DUCATO III	2.0 Petrol	1998	02/02>08/02	M	R134A	DCN09050

* Receiver Drier included ** Cartridge Drier Included



Refrigerant



FIAT continued						
DUCATO III	2.0 Petrol	1998	09/02>	M	R134A	DCN09051
DUCATO III	2.0 JTD	D 1997	02/02>08/02	M	R134A	DCN09050
DUCATO III	2.0 JTD		04/02>06	M	R134A	DCN09049 +*
DUCATO III	2.0 JTD	D 1997	09/02>	M	R134A	DCN09051
DUCATO III	2.3 JTD 16V	D 2300	02/02>08/02	M	R134A	DCN09050
DUCATO III	2.3 JTD		04/02>06	M	R134A	DCN09049 +*
DUCATO III	2.3 JTD 16V	D 2300	09/02>	M	R134A	DCN09051
DUCATO III	2.8 JTD	D 2798	02/02>08/02	M	R134A	DCN09050
DUCATO III	2.8 JTD		04/02>06	M	R134A	DCN09049 +*
DUCATO III	2.8 JTD	D 2798	09/02>	M	R134A	DCN09051
DUCATO IV	2.3 JTD		06>		R134A	DCN07050
FORD						
ESCORT V	1.1	1117	09/90>02/05	M/A		DCN10001
ESCORT V	1.3	1297	09/90>02/05	M/A		DCN10001
ESCORT V	1.4	1397	09/90>02/05	M/A		DCN10001
ESCORT V	1.6	1597	09/90>02/05	M/A		DCN10001
ESCORT V	1.6i	1597	09/90>02/05	M/A		DCN10001
ESCORT V	2.0 I -16V. RS D.O.H.C.	1998 DH20	09/91>08/05	M/A		DCN10001
ESCORT V	1.8 Diesel	1753 D18	09/91>02/05	M/A		DCN10001
ESCORT V	1.8 TD	1753 D18T	09/91>02/05	M/A		DCN10001
ESCORT VI	1.1	1117 BL11	02/95>	M/A		DCN10001
ESCORT VI	1.3	1297 BL13	02/95>	M/A		DCN10001
ESCORT VI	1.4 - 8V M.P.I.	1397 HL14EFI	02/95>	M/A		DCN10001
ESCORT VI	1.4 - 8V S.P.I.	1397 HL14 CFI	10/97>	M/A		DCN10001
ESCORT VI	1.6 I -16V.	1597 HL16 / ZH16	02/95>09/95	M/A		DCN10001
ESCORT VI	1.6 I -16V.	1597 HL16 / ZH16	09/95>08/95	M		DCN10001
ESCORT VI	1.6 I -16V.	1597 HL16 / ZH16	09/98>	M/A		DCN10001
ESCORT VI	1.8 I -16V.	1796 ZH18	02/95>08/95	M/A		DCN10001
ESCORT VI	1.8 I -16V.	1796 ZH18	10/96>	M/A		DCN10001
ESCORT VI	2.0 I -16V. RS D.O.H.C.	1998 DH20	02/95>	M/A		DCN10001
ESCORT VI	1.8 Diesel	1753 D18	02/95>	M/A		DCN10001
ESCORT VI	1.8 TD	1753 D18T	02/95>	M/A		DCN10001
FIESTA			01/95>12/02			DCN10004
FIESTA IV	1.1 i		08/95>04/02	M/A		DCN10005
FIESTA IV	1.25		08/95>04/02	M/A		DCN10005
FIESTA IV	1.3		08/95>04/02	M/A		DCN10005
FIESTA IV	1.4		08/95>04/02	M/A		DCN10005
FIESTA IV	1.6		08/95>04/02	M/A		DCN10005
FIESTA V	1.2 i 16V	ZH12M7JB	03/03>	M	R134A	DCN10008
FIESTA V	1.2 i 16V	ZH12FUJB	03/03>	M	R134A	DCN10008
FIESTA V	1.3 i 8V	DU13BAJA	05/02>	M	R134A	DCN10008
FIESTA V	1.3 i 8V	DU13A9JA	05/02>	M	R134A	DCN10008
FIESTA V	1.4 i 16V	ZH14FXJA	05/02>	M/A	R134A	DCN10008
FIESTA V	1.6 i 16V	ZH16FYJA	05/02>	M/A	R134A	DCN10008
FIESTA V	2.0 i 16V	ZH20N4JB	11/04>	M	R134A	DCN10008
FIESTA V	1.4 TDCI	DQ14F6JA	02/02>	M	R134A	DCN10008
FOCUS	1.4 EFi	FXD	05/98>	M	R134A	DCN10006
FOCUS	1.6 EFi	FYD	05/98>	M/A	R134A	DCN10006
FOCUS	1.8 EFi	EYD	05/98>	M	R134A	DCN10006
FOCUS	2.0 EFi	EDD	05/98>	M/A	R134A	DCN10006
FOCUS	1.8 TD	BHD	12/98>	M	R134A	DCN10006
FOCUS	1.8 TDCi	FFD - C9D	12/98>	M	R134A	DCN10006
FOCUS	1.4 i 16V	ASDA-B	09/04>	M/A	R134A	DCN10007
FOCUS	1.6 Ti-VCT 16V	HXDA	09/04>	M/A	R134A	DCN10007
FOCUS	1.6 i 16V	HWDA-B	09/04>	M/A	R134A	DCN10007
FOCUS	2.0 i 16V	AODA-B	09/04>	M/A	R134A	DCN10007
FOCUS	1.6 TDCi 16V	HHDA-B	09/04>	M/A	R134A	DCN10007
FOCUS	1.6 TDCi DPF 16V	D16FAP	09/04>	M/A	R134A	DCN10007
FOCUS	2.0 TDCi 16V	D20TDCI	09/04>	M/A	R134A	DCN10007
FOCUS	2.0 TDCi DPF 16V	D20TDCIFAP	09/04>	M/A	R134A	DCN10007
FOCUS C-MAX	1.6 Ti-VCT 16V	ZH16TIVCT	10/03>	M/A	R134A	DCN10007
FOCUS C-MAX	1.6 i 16V	ZH16-E4	10/03>	M/A	R134A	DCN10007
FOCUS C-MAX	1.8 i 16V	ZH18	10/03>	M/A	R134A	DCN10007
FOCUS C-MAX	2.0 i 16V	ZH20-E4	10/03>	M/A	R134A	DCN10007
FOCUS C-MAX	1.6 TDCi 16V	D16TDCI	10/03>	M/A	R134A	DCN10007
FOCUS C-MAX	1.8 TDCi 16V	D18TDCI	10/03>	M/A	R134A	DCN10007
FOCUS C-MAX	2.0 TDCi 16V	D20TDCI	10/03>	M/A	R134A	DCN10007
FUSION	1.2 i 16V	ZH12FUJB	08/04>	M	R134A	DCN10008
FUSION	1.4 i 16V	ZH14FXJA	11/02>	M/A	R134A	DCN10008
FUSION	1.6 i 16V	ZH16FYJA	11/02>	M/A	R134A	DCN10008
FUSION	1.4 TDCI	D14F6JA	11/02>	M	R134A	DCN10008

* Receiver Drier included



Refrigerant



FORD continued						
GALAXY	2.0 i	NSE	01/01>10/01	M/A	R134A	DCN32015 +**
GALAXY	2.3 i	Y5 - Y5B	04/00>10/01	M/A	R134A	DCN32015 +**
GALAXY	2.8 i V6	PW-204	04/00>10/01	M/A	R134A	DCN32015 +**
GALAXY	1.9 TDI	AUY1 - MF	04/00>10/01	M/A	R134A	DCN32015 +**
MONDEO	1.6 i 16V	ZH16	02/93>09/96	M/A	R134A	DCN10003
MONDEO	1.8 i 16V	ZH18	02/93>09/96	M/A	R134A	DCN10003
MONDEO	2.0 i 16V	ZH20-E4	02/93>09/96	M/A	R134A	DCN10003
MONDEO	2.5 i V6 24V	MP25 - TV25	02/93>09/96	M/A	R134A	DCN10003
MONDEO	1.8 TD	D18T	02/93>09/96	M	R134A	DCN10003
MONDEO III	1.8 i 16V	CHBB - CHBA - CGBB - CGBA	10/00>11/01	M/A	R134A	DCN10012
MONDEO III	1.8 i 16V	CHBB - CHBA - CGBB - CGBA	12/01>		R134A	DCN10013
MONDEO III	1.8 i 16V	DURA18	05/05>		R134A	DCN10013
MONDEO III	2.0 i 16V	CJBA - CJBB	12/01>	M/A	R134A	DCN10013
MONDEO III	2.0 i 16V	AODA-B	05/05>	M	R134A	DCN10013
MONDEO III	2.0 i 16V	CJBA - CJBB	10/00>11/01	M/A	R134A	DCN10012
MONDEO III	2.5 i V6 24V	LCBD	10/00>11/01	M/A	R134A	DCN10012
MONDEO III	2.5 i V6 24V	LCBD	12/01>	M/A	R134A	DCN10013
MONDEO III	3.0 i V6 24V	MP30	03/02>	M	R134A	DCN10013
MONDEO III	3.0 i V6 24V	DURA30	05/05>	M	R134A	DCN10013
MONDEO III	2.0 Di 16V	PD	10/00>11/01	M	R134A	DCN10012
MONDEO III	2.0 Di 16V	D6BA	12/01>	M	R134A	DCN10013
MONDEO III	2.0 TDCi 16V	D5BA	10/00>11/01	M	R134A	DCN10012
MONDEO III	2.0 TDCi 16V	PD	12/01>	M/A	R134A	DCN10013
MONDEO III	2.0 TDDi 16V	D6BA	10/00>11/01	M	R134A	DCN10012
MONDEO III	2.0 TDDi 16V	D5BA	12/01>	M	R134A	DCN10013
ORION III	1.3	1297 BL13	08/90>12/92	M/A		DCN10001
ORION III	1.4	1397 HL14	08/90>12/92	M/A		DCN10001
ORION III	1.6	1597 HL16	08/90>12/92	M/A		DCN10001
ORION III	1.8 i -16V.	1796 ZH18	01/92>12/92	M/A		DCN10001
ORION III	1.8 Diesel	1753 18D	08/90>12/92	M/A		DCN10001
PUMA	1.4 i 16V	ZH14	07/97>06/99	M		DCN10005
PUMA	1.6 i 16V	ZL16	07/97>06/99	M		DCN10005
PUMA	1.7 i 16V	MHA	07/97>06/99	M		DCN10005
SIERRA III	1.6	1593 TL16	05/88>02/93	M/A		DCN10002
SIERRA III	1.6 i	1597 HL16	05/88>02/93	M/A		DCN10002
SIERRA III	1.8	1796 TL18	05/88>02/93	M/A		DCN10002
SIERRA III	1.8 i	1796 HL18	05/88>02/93	M/A		DCN10002
SIERRA III	2.0	1993 TL20	05/88>02/93	M/A		DCN10002
SIERRA III	2.0 i	1993 TL20i	05/88>02/93	M/A		DCN10002
SIERRA III	1.8 TD	1753 D18T	05/88>02/93	M/A		DCN10002
TRANSIT	UK2		01/94>12/96		R134A	DCN10010
TRANSIT	2.0 EFi		01/98>	M	R134A	DCN10011
TRANSIT	2.5 D		01/98>	M	R134A	DCN10011
TRANSIT	2.5 TD		01/98>	M/A	R134A	DCN10011
TRANSIT	2.5 TDi		01/98>	M	R134A	DCN10011
IVECO						
NEW DAILY	S 2000 D / TD	D 1998	09/99>12/03	M	R134A	DCN12001
NEW DAILY	S 2000 D / TD	D 1998	01/03>	M	R134A	DCN12002
NEW DAILY	3.0 C18 F1C		01/04>	M	R134A	DCN12003 +**
EUROCARGO	E15 / E18			M	R134A	DCN12100
TurboSTAR				M	R134A	DCN12100
JAGUAR						
X-TYPE	X300	9JPCRB	09/94>12/02	M/A		DCN11005
XJ	XJ 57		01/91>12/94	M		DCN11003
XJ	XJ 40/92		01/93>12/94	M		DCN11004
XJ			09/94>12/97	M		DCN11005
XJ6			12/92>09/94	M		DCN11004
XJR			09/94>12/97	M		DCN11005
XJS	4.0 L (6 CYL.)		01/94>12/96	M		DCN11006
XJS	XJS (6 CYL.)		01/91>12/94	M		DCN11003
LANCIA						
DEDRA	1.6 i.e.	1581	02/90>04/94	M	R12	DCN09140
DEDRA	1.8 i.e.	1756	02/90>04/94	M	R12	DCN09140
DEDRA	2.0 i.e.	1995	02/90>04/94	M	R12	DCN09140
DEDRA R94	1.6 i.e.	1581	05/94>	M	R134A	DCN09143
DEDRA R94	1.6 i.e. 16V	1581	05/94>	M	R134A	DCN09143
DEDRA R94	1.8 i.e.	1747	05/94>	M	R134A	DCN09143
DEDRA R94	2.0 i.e.	1995	05/94>	M	R134A	DCN09143
DEDRA R94	2.0 i.e. 16V	1995	05/94>	M	R134A	DCN09143

** Cartridge Drier Included



Refrigerant



LANCIA continued						
DEDRA R94	2.0 TD	D 1929	05/94>	M	R134A	DCN09143
DELTA R86	1.3	1301	07/86>04/93	M	R12	DCN09140
DELTA R86	1.5	1498	07/86>04/93	M	R12	DCN09140
DELTA R86	1.6	1585	07/86>04/93	M	R12	DCN09140
DELTA R86	HF Turbo	1995	07/86>04/93	M	R12	DCN09140
DELTA R86	1.9 TD	D 1929	07/86>04/93	M	R12	DCN09140
DELTA R93	1.6	1581	05/93>	M	R134A	DCN09143
DELTA R93	1.8	1756	05/93>	M	R134A	DCN09143
DELTA R93	2.0 i.e. 16V/HF Turbo	1995	05/93>	M	R134A	DCN09143
DELTA R93	2.0 Turbo	D 1929	05/93>	M	R134A	DCN09143
DELTA 2008	1.4 T-Jet 16V		08>	M	R134A	DCN13110 +*
DELTA 2008	1.8 Di T-Jet		08>	M	R134A	DCN13110 +*
DELTA 2008	1.6 Multijet		08>	M	R134A	DCN13110 +*
DELTA 2008	2.0 Multijet		08>	M	R134A	DCN13110 +*
K	2.0 i 20V	1998	10/94>03/98	M	R134A	DCN13001
K	2.0 i.e. Turbo 16V	1998	10/94>03/98	M	R134A	DCN13002
K	2.4 i 20V	2446	10/94>03/98	M	R134A	DCN13001
K	2.4 TD	D 2387	10/94>03/98	M	R134A	DCN01020
K R98	2.0 i 20V	1998	04/98>	M	R134A	DCN13001
K R98	2.0 i Turbo 20V	1998	04/98>	M	R134A	DCN13002
K R98	2.4 i 20V	2446	04/98>	M	R134A	DCN13001
K R98	2.4 JTD	D 2387	04/98>	M	R134A	DCN01020
LYBRA	ALL	839	01/99>	M/A	R134A	DCN13015
LYBRA	1.6 i 16V	182A4.000	07/99>	M/A	R134A	DCN13016
LYBRA	1.8 i 16V	839A4.000	07/99>	M/A	R134A	DCN13016
LYBRA	2.0 i 20V	182B7.000	07/99>	M/A	R134A	DCN13016
LYBRA	1.9 JTD	AR32302 - AR 37101	07/99>	M/A	R134A	DCN13016
LYBRA	2.4 JTD	839A5.000 - 839A6.000	07/99>	M/A	R134A	DCN13016
LYBRA	2.4 JTD	AR32501	07/99>	M/A	R134A	DCN13016
MUSA	1.2 16V	1242 MPI	01/04>	M	R134A	DCN09070 +**
MUSA	1.4 16V	1368 MPI	01/04>	M	R134A	DCN09070 +**
MUSA	1.3 Multijet 16V	D 1251	01/04>	M	R134A	DCN09070 +**
MUSA	1.9 Multijet 8V	D 1910	01/04>	M	R134A	DCN09071
THEMA	2.0 i.e.	1995	10/88>	M	R134A	DCN09030
Y10	Y 10 (FIRE 1100)			M		DCN13009
Y	1.1 Elefantino Blu	1108 SPI	05/97>	M	R134A	DCN09092
Y	1.2 i 8V	1242 SPI	01/96>09/97	M	R134A	DCN13010
Y	1.2 i 8v	1242 SPI	10/97>	M	R134A	DCN09092
Y	1.2 i 16V	1242 MPI	05/97>09/97	M	R134A	DCN13011
Y	1.2 i 16V	1242 MPI	10/97>	M	R134A	DCN13012
Y	1.2 i 16V Elefantino Blu	1242 MPI	11/98>	M	R134A	DCN13012
Y	1.2 i ECVT 8V	1242 SPI	01/96>	M	R134A	DCN09093
Y	1.4 i 12V	1372	01/96>	M	R134A	DCN13010
Y FL 2000	1.2 i 8V	1242 SPI	11/00>	M	R134A	DCN13012
Y FL 2000	1.2 i 16V	1242 MPI	11/00>	M	R134A	DCN13012
YPSILON	1.2 8V	1242 MPI	08/03>	M	R134A	DCN09070 +**
YPSILON	1.2 16V	1242 MPI	08/03>	M	R134A	DCN09070 +**
YPSILON	1.4 16V	1368 MPI	08/03>	M	R134A	DCN09070 +**
YPSILON	1.3 Multijet 16V	D 1248	08/03>	M	R134A	DCN09070 +**
MCC - SMART						
SMART	FOUR FOUR		01/05>			DCN16001
MERCEDES						
BR204	C-CLASS		01/06>		R134A	DCN17005
BR207	CLK		01/06>		R134A	DCN17005
C203	C-CLASS 180	111.951	09/00>07/02	M/A	R134A	DCN17014 +**
C203	C-CLASS 180 Kompressor	271.946	05/02>06/04	M/A	R134A	DCN17014 +**
C203	C-CLASS 200 Kompressor	111.955	09/00>07/02	M/A	R134A	DCN17014 +**
C203	C-CLASS 200 Kompressor	271.948	05/02>06/04	M/A	R134A	DCN17014 +**
C203	C-CLASS 200 CGi	271.942	08/02>06/04	M/A	R134A	DCN17014 +**
C203	C-CLASS 230 Kompressor	111.981	09/00>07/02	M/A	R134A	DCN17014 +**
C203	C-CLASS 230 Kompressor	271.948	05/02>06/04	M/A	R134A	DCN17014 +**
C203	C-CLASS 320	112.946	05/02>06/04	M/A	R134A	DCN17014 +**
C203	C-CLASS 32 AMG	112.961	05/02>06/04	A	R134A	DCN17014 +**
C203	C-CLASS 220 CDI	611.962	11/00>09/03	M/A	R134A	DCN17015 +**
C203	C-CLASS 200 CDI	646.962	04/03>06/04	M/A	R134A	DCN17014 +**
C203	C-CLASS 220 CDI	646.963	10/03>06/04	M/A	R134A	DCN17014 +**
C203	C-CLASS 30 AMG CDI	612.990	08/02>06/04	M/A	R134A	DCN17015 +**
S203	C-CLASS 180	111.951	11/00>08/02	M/A	R134A	DCN17014 +**
S203	C-CLASS 180 Kompressor	271.946	05/02>06/04	M/A	R134A	DCN17014 +**
S203	C-CLASS 200 Kompressor	111.955	11/00>08/02	M/A	R134A	DCN17014 +**

* Receiver Drier included ** Cartridge Drier Included



Refrigerant



MERCEDES continued						
S203	C-CLASS 200 Kompressor	271.940	05/02>06/04	M/A	R134A	DCN17014 +**
S203	C-CLASS 200 CGI	271.942	08/02>06/04	M/A	R134A	DCN17014 +**
S203	C-CLASS 230 Kompressor	271.948	11/03>06/04	M/A	R134A	DCN17014 +**
S203	C-CLASS 240	112.912 - 112.916	11/00>06/04	M/A	R134A	DCN17014 +**
S203	C-CLASS 320	112.946 - 112.953	11/00>06/04	A	R134A	DCN17014 +**
S203	C-CLASS 32 AMG Kompressor	112.961	11/00>06/04	A	R134A	DCN17014 +**
S203	C-CLASS 55 AMG	113.988	08/03>06/04	A	R134A	DCN17014 +**
S203	C-CLASS 200 CDi	611.980 - 611.962	11/00>07/03	M/A	R134A	DCN17015 +**
S203	C-CLASS 200 CDi	646.962	04/03>06/04	M/A	R134A	DCN17014 +**
S203	C-CLASS 220 CDi	611.962	11/00>07/03	M/A	R134A	DCN17015 +**
S203	C-CLASS 220 CDi	646.963	08/03>06/04	M/A	R134A	DCN17014 +**
S203	C-CLASS 30 AMG CDi	612.990	08/02>06/04	M/A	R134A	DCN17015 +**
S211	E-CLASS 350 i	272.964 - 272.972	07/04>	M/A	R134A	DCN17018 +*
S211	E-CLASS 400 CDi	628.961 - 629.910	03/04>	M/A	R134A	DCN17018 +*
S211	E-CLASS 420 CDi	628.961 - 629.910	03/04>	M/A	R134A	DCN17018 +*
SLK	SLK 200 i	111.943	08/96>03/00	M/A	R134A	DCN17011
SLK	SLK 200K i	111.946	08/96>03/00	M/A	R134A	DCN17011
SLK	SLK 230K i	111.973	08/96>03/00	M/A	R134A	DCN17011
W163	ML-CLASS 230 i 16V	111.977	01/00>08/00	M/A	R134A	DCN17022
W163	ML-CLASS 320 i 18V	112.942	01/00>08/02	M/A	R134A	DCN17022
W163	ML-CLASS 370 i 18V	112.970	08/02>07/05	M/A	R134A	DCN17022
W163	ML-CLASS 430 i 24V	113.942	01/00>08/02	M/A	R134A	DCN17022
W163	ML-CLASS 500 i 24V	113.965	09/01>07/05	M/A	R134A	DCN17022
W163	ML-CLASS 55 AMG	113.981	06/99>07/05	M/A	R134A	DCN17022
W163	ML-CLASS 270 CDi	612.963	06/99>07/05	M/A	R134A	DCN17022
W168	A-CLASS 140 i	166.940	05/97>	M/A	R134A	DCN17001
W168	A-CLASS 140 i	166.940	05/97>	M/A	R134A	DCN17002
W168	A-CLASS 160 i	166.960	05/97>	M/A	R134A	DCN17001
W168	A-CLASS 190 i	166.990	04/99>	M/A	R134A	DCN17001
W168	A-CLASS 190 i	166.990	04/99>	M/A	R134A	DCN17002
W168	A-CLASS 210 i	166.995	01/02>	M/A	R134A	DCN17001
W168	A-CLASS 160 CDi	668.94...	05/98>	M/A	R134A	DCN17001
W168	A-CLASS 170 CDi	668.94...	05/98>	M/A	R134A	DCN17001
W202	C-CLASS 180 i	111.920	03/93>03/00	M/A	R134A	DCN17011
W202	C-CLASS 180 i	111.920 - 111.921	03/93>	M/A	R134A	DCN17013
W202	C-CLASS 200 i	111.941	03/93>03/00	M/A	R134A	DCN17011
W202	C-CLASS 200 i	111.941 - 111.944-5	01/94>02/01	M/A	R134A	DCN17013
W202	C-CLASS 200K	111.941 - 111.944-5	01/94>02/01	M/A	R134A	DCN17013
W202	C-CLASS 220 i	111.961	03/93>03/00	M/A	R134A	DCN17013
W202	C-CLASS 230 i	111.974	08/95>03/00	M/A	R134A	DCN17011
W202	C-CLASS 230 i	111.974	08/95>02/01	M/A	R134A	DCN17013
W202	C-CLASS 230K	111.975	09/95>03/00	M/A	R134A	DCN17012
W202	C-CLASS 240 i	112.910	06/98>03/00	M/A	R134A	DCN17011
W202	C-CLASS 240 i	112.910	06/97>06/97	M/A	R134A	DCN17013
W202	C-CLASS 280 i	104.941	05/93>03/00	M/A	R134A	DCN17013
W202	C-CLASS 200 D	601.913	03/93>03/00	M/A	R134A	DCN17013
W202	C-CLASS 200 D	604.915	03/93>02/01	M/A	R134A	DCN17013
W202	C-CLASS 220 D	604.910	08/93>02/01	M/A	R134A	DCN17013
W202	C-CLASS 200 D CDi	611.960	04/98>05/00	M/A	R134A	DCN17016
W202	C-CLASS 200 CDi	611.960A	07/98>03/00	M/A	R134A	DCN17012
W202	C-CLASS 220 D CDi	611.960	02/96>05/00	M/A	R134A	DCN17016
W202	C-CLASS 250 D	605.910	05/93>03/00	M/A	R134A	DCN17013
W202	C-CLASS 250 TD	605.960	09/95>02/01	M/A	R134A	DCN17012
W202	C-CLASS 36 AMG	C36AMG	09/94>03/00	M/A	R134A	DCN17013
W202	C-CLASS 43 AMG	113.944	10/97>03/00	M/A	R134A	DCN17013
W203	C-CLASS 180	111.951	06/00>08/02	M/A	R134A	DCN17014 +**
W203	C-CLASS 180 Kompressor	271.946	05/02>06/04	M/A	R134A	DCN17014 +**
W203	C-CLASS 200 Kompressor	111.955	06/00>08/02	M/A	R134A	DCN17014 +**
W203	C-CLASS 200 Kompressor	271.940	05/02>06/04	M/A	R134A	DCN17014 +**
W203	C-CLASS 200 CGI	271.942	05/02>06/04	M/A	R134A	DCN17014 +**
W203	C-CLASS 230 Kompressor	271.948	11/03>06/04	M/A	R134A	DCN17014 +**
W203	C-CLASS 240	112.912 - 112.916	06/00>06/04	M/A	R134A	DCN17014 +**
W203	C-CLASS 320	112.946 - 112.953	06/00>06/04	A	R134A	DCN17014 +**
W203	C-CLASS 32 AMG Kompressor	112.961	11/00>06/04	A	R134A	DCN17014 +**
W203	C-CLASS 55 AMG	113.988	08/03>06/04	A	R134A	DCN17014 +**
W203	C-CLASS 200 CDi	611.980	11/00>07/03	M/A	R134A	DCN17015 +**
W203	C-CLASS 200 CDi	646.962	04/03>06/04	M/A	R134A	DCN17014 +**
W203	C-CLASS 220 CDi	611.962	06/00>07/03	M/A	R134A	DCN17015 +**
W203	C-CLASS 220 CDi	646.963	08/03>06/04	M/A	R134A	DCN17014 +**
W203	C-CLASS 270 CDi	612.962	06/00>06/04	M/A	R134A	DCN17015 +**
W203	C-CLASS 30 AMG CDi	612.990	08/03>06/04	M/A	R134A	DCN17015 +**
W208	CLK 200 i Kompressor	111.944	03/97>	M/A	R134A	DCN17012

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MERCEDES continued						
W208	CLK 200 i	111.944-5	06/97>	M/A	R134A	DCN17011
W208	CLK 200K i	111.956	06/97>	M/A	R134A	DCN17011
W208	CLK 230 i Kompressor	111.975	03/97>	M/A	R134A	DCN17012
W208	CLK 230K i	111.975	06/97>	M/A	R134A	DCN17011
W208	CLK 230K i	111.982	06/97>	M/A	R134A	DCN17011
W208	CLK 320 i	112.940	06/97>	M/A	R134A	DCN17011
W208	CLK 430 i	113.943	06/98>	M/A	R134A	DCN17011
W208	CLK 55 AMG i	113.984	06/99>06/02	M/A	R134A	DCN17011
W210	E-CLASS 200 i	111.942	04/95>06/99	M/A	R134A	DCN17013
W210	E-CLASS 200 i 16V	111.942	06/95>07/00	M/A	R134A	DCN17017
W210	E-CLASS 200 16V Kompressor	111.942	04/97>07/00	M/A	R134A	DCN17019
W210	E-CLASS 200 i	111.942	06/99>03/03	M/A	R134A	DCN17011
W210	E-CLASS 230 i	111.970	04/95>06/99	M/A	R134A	DCN17011
W210	E-CLASS 230 i	111.970	04/95>06/99	M/A	R134A	DCN17013
W210	E-CLASS 230 i 16V	111.970	07/95>10/97	M/A	R134A	DCN17017
W210	E-CLASS 240 i 18V	112.911	04/97>07/00	M/A	R134A	DCN17017
W210	E-CLASS 240 i 18V	112.914	08/00>03/02	M/A	R134A	DCN17017
W210	E-CLASS 280 i 18V	All	07/95>03/02	M/A	R134A	DCN17017
W210	E-CLASS 320 i 18V	112.941	06/95>03/02	M/A	R134A	DCN17017
W210	E-CLASS 420 i 32V	119.985	07/95>09/97	M/A	R134A	DCN17017
W210	E-CLASS 420 i 24V	113.940	04/97>03/02	M/A	R134A	DCN17017
W210	E-CLASS 50 AMG i 32V	119.980	09/96>10/97	M/A	R134A	DCN17017
W210	E-CLASS 55 AMG i 24V	113.980	01/97>11/02	M/A	R134A	DCN17017
W210	E-CLASS 200 D	604.917	07/95>07/00	M/A	R134A	DCN17017
W210	E-CLASS 200 CDI	611.961	05/98>03/02	M/A	R134A	DCN17019
W210	E-CLASS 220 D	604.912	06/95>05/98	M/A	R134A	DCN17017
W210	E-CLASS 220 CDI	611.961	06/98>03/02	M/A	R134A	DCN17019
W210	E-CLASS 250 D	605.912	07/95>07/00	M/A	R134A	DCN17017
W210	E-CLASS 250 TD	605.962	07/95>07/00	M/A	R134A	DCN17020
W210	E-CLASS 270 CDI	612.961	07/99>03/02	M/A	R134A	DCN17020
W210	E-CLASS 290 CDI	602.982	07/95>08/99	M/A	R134A	DCN17019
W210	E-CLASS 300 D	606.912	06/95>10/97	M/A	R134A	DCN17017
W210	E-CLASS 300 TDi	606.962	10/96>08/99	M/A	R134A	DCN17020
W210	E-CLASS 320 CDI	613.961	07/99>03/02	M/A	R134A	DCN17020
W211	E-CLASS 200 i	271.941	09/02>	M/A	R134A	DCN17018 +*
W211	E-CLASS 200 CDI	646.951 - 646.961	03/02>	M/A	R134A	DCN17018 +*
W211	E-CLASS 240 i	112.913 - 112.917	03/02>06/05	M/A	R134A	DCN17018 +*
W211	E-CLASS 320 i	112.949 - 112.954	03/02>	M/A	R134A	DCN17018 +*
W211	E-CLASS 500 i	113.967 - 113.969	03/02>	M/A	R134A	DCN17018 +*
W211	E-CLASS 55 AMG i	113.990	07/02>	M/A	R134A	DCN17018 +*
W211	E-CLASS 220 CDI	646.951 - 646.961	03/02>	M/A	R134A	DCN17018 +*
W211	E-CLASS 270 CDI	647.961	03/02>05/05	M/A	R134A	DCN17018 +*
W211	E-CLASS 280 CDI	648.961	03/02>05/05	M/A	R134A	DCN17018 +*
W211	E-CLASS 320 CDI	648.961	03/02>05/05	M/A	R134A	DCN17018 +*
SPRINTER	2.3 i	111.979	02/95>01/06	M/A	R134A	DCN17055
SPRINTER	2.3 D	601.943	02/95>01/06	M/A	R134A	DCN17055
SPRINTER	2.9 D	602.980	02/95>01/06	M/A	R134A	DCN17055
V638	VITO 2.0 i	111.948	01/96>09/03	M/A	R134A	DCN17030
V638	VITO 2.2 CDI	611.980	03/99>09/03	M/A	R134A	DCN17030
V638	VITO 2.3 D	601.942 - 601.970	01/96>09/03	M/A	R134A	DCN17030
V638	VITO 2.3 TD	601.942 - 601.970	01/96>09/03	M/A	R134A	DCN17030
V639	VIANO 3.2 i	112.951	01/03>	M/A	R134A	DCN17050 +**
V639	VIANO 3.7 i	112.976	06/04>	M/A	R134A	DCN17050 +**
V639	VIANO 2.2 CDI	646.982	01/03>	M/A	R134A	DCN17050 +**
V639	VITO 3.2 i	112.951	01/03>	M/A	R134A	DCN17050 +**
V639	VITO 3.7 i	112.976	06/04>	M/A	R134A	DCN17050 +**
V639	VITO 2.2 CDI	646.982 - 646.983	01/03>	M/A	R134A	DCN17050 +**
V368	V CLASS 200	111.948	10/96>12/02	M/A	R134A	DCN17030
V368	V CLASS 230	111.978	10/96>12/02	M/A	R134A	DCN17030
V368	V CLASS 280	104.900	10/96>12/02	M/A	R134A	DCN17030
V368	V CLASS 230 TD	601.970	10/96>12/02	M/A	R134A	DCN17030
OPEL						
ASTRA G	1.2 i 16V	X12XE - Z12XE	02/98>12/01	M	R134A	DCN20005 +**
ASTRA G	1.2 i 16V	X12XE - Z12XE	01/02>	M	R134A	DCN20005 +**
ASTRA G	1.4 i 16V	X14XE - Z14XE	02/98>12/01	M/A	R134A	DCN20005 +**
ASTRA G	1.4 i 16V	X14XE - Z14XE	01/02>	M/A	R134A	DCN20005 +**
ASTRA G	1.6 i	Z16... - X16...	02/98>12/01	M/A	R134A	DCN20005 +**
ASTRA G	1.6 i	Z16SE-E2	09/00>02/01	M/A	R134A	DCN20005 +**
ASTRA G	1.6 i	C16SEL - Z16SE-E4 - Z16X...	01/02>	M/A	R134A	DCN20005 +**
ASTRA G	1.6 i GNV	Z16YNG	03/03>		R134A	DCN20005 +**
ASTRA G	1.6 i 16V	Z16... - X16...	02/98>12/01	M/A	R134A	DCN20005 +**

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OPEL continued						
ASTRA G	1.6 i 16V	C16SEL - Z16SE-E4 - Z16X...	01/02>	M/A	R134A	DCN20005 +**
ASTRA G	1.6 i Twinport 16V	C16SEL - Z16SE-E4 - Z16X...	01/02>	M/A	R134A	DCN20005 +**
ASTRA G	1.8 i 16V	Z18XE - Z18XEL - X18XE1	01/02>	M/A	R134A	DCN20005 +**
ASTRA G	1.8 i 16V	Z18XE - Z18XEL - X18XE1	02/98>12/01	M/A	R134A	DCN20005 +**
ASTRA G	2.0 i 16V	Z20LE... - X20XEV	02/98>	M/A	R134A	DCN20005 +**
ASTRA G	2.0 i Turbo 16V	Z20LE... - X20XEV	02/98>	M/A	R134A	DCN20005 +**
ASTRA G	2.2 i 16V	Z22SE	10/99>12/01	M/A	R134A	DCN20005 +**
ASTRA G	2.2 i 16V	Z22SE	01/02>	M/A	R134A	DCN20005 +**
ASTRA G	1.7 DTi 16V	X17DTL - Y17DT	02/98>	M/A	R134A	DCN20006
ASTRA G	1.7 TD	X17DTL - Y17DT	02/98>	M/A	R134A	DCN20006
ASTRA G	1.7 TD EcoTurbo	X17DTL - Y17DT	02/98>	M/A	R134A	DCN20006
ASTRA G	2.0 DTi 16V	X20DTL	02/98>12/01	M/A	R134A	DCN20005 +**
ASTRA G	2.0 DTi 16V	X20DTL - Y20DTH	02/98>	M/A	R134A	DCN20006
ASTRA G	2.0 Di 16V	X20DTL - Y20DTH	02/98>	M/A	R134A	DCN20006
ASTRA G	2.0 TDi 16V	Y20DTH	01/99>06/03	M/A	R134A	DCN20006
ASTRA G	2.0 Di 16V	Y20DTL	01/02>	M/A	R134A	DCN20005 +**
ASTRA G	2.2 DTi 16V	Y22DTR	03/01>	M/A	R134A	DCN20006
ASTRA G	2.2 DTi 16V	Y22DTR	07/03>06/05	M/A	R134A	DCN20006
ASTRA H	1.4 i Twinport 16V	Z14XEP	03/04>	M	R134A	DCN20009 +**
ASTRA H	1.6 i Twinport	Z14XEP	03/04>	M/A	R134A	DCN20009 +**
ASTRA H	1.8 i 16V	Z18XE	02/04>	A	R134A	DCN20011 +**
ASTRA H	1.8 i	Z18XEP	03/04>	A	R134A	DCN20009 +**
ASTRA H	2.0 i Turbo 16V	Z20LER-200	03/04>	M	R134A	DCN20010 +**
ASTRA H	2.0 i Turbo 16V	Z20LEL-170	03/04>	M	R134A	DCN20010 +**
ASTRA H	1.7 CDTi	Z17DTH - Z17DTL	03/04>	M	R134A	DCN20012 +**
CORSA C	1.0 i 12V	Z10XE	09/00>08/03	M/A	R134A	DCN20015 +*
CORSA C	1.0 i Twinport 12V	Z10XEP	08/03>07/04	M/A	R134A	DCN20020 +*
CORSA C	1.0 i 12V	Z10XEP	08/04>	M/A	R134A	DCN20021 +*
CORSA C	1.2 i 16V	Z12XEP	08/04>	M/A	R134A	DCN20021 +*
CORSA C	1.2 i 16V	Z12XE	09/00>08/03	M/A	R134A	DCN20015 +*
CORSA C	1.2 i 16V	Z12XE	09/03>12/03		R134A	DCN20015 +*
CORSA C	1.2 i 16V	Z12XE	08/03>08/04	M/A	R134A	DCN20020 +*
CORSA C	1.4 i 16V	Z14XE	09/00>08/03	M/A	R134A	DCN20015 +*
CORSA C	1.4 i Twinport 16V	Z14XEP	09/03>		R134A	DCN20020 +*
CORSA C	1.4 i 16V	Z14XEP	08/04>	M/A	R134A	DCN20021 +*
CORSA C	1.8 i 16V	Z18XE	09/00>08/03	M	R134A	DCN20015 +*
CORSA C	1.8 i 16V	Z18XE	09/03>12/03		R134A	DCN20015 +*
CORSA C	1.8 16V	Z18XE	01/04>		R134A	DCN20020 +*
CORSA C	1.8 i 16V	Z18XE	08/04>	M/A	R134A	DCN20021 +*
CORSA C	1.3 CDTi 16V	Z13DT	09/03>	M/A	R134A	DCN20022 +*
CORSA C	1.7 Di 16V	V17DT	09/00>08/03	M	R134A	DCN20016 +*
CORSA C	1.7 DTi 16V	V17DTL	09/00>08/03	M	R134A	DCN20016 +*
CORSA C	1.7 DTi 16V	V17DT	09/00>08/03	M	R134A	DCN20017
CORSA C	1.7 DTi 16V	Z17DT	09/03>	M	R134A	DCN20017
CORSA C	1.7 CDTi	Z17DTH	09/03>	M	R134A	DCN20022 +*
CORSA D	1.6 i 16V Turbo	Z16LER	10/06>	M/A	R134A	DCN09110 +**
CORSA D	1.3 DTi	A13DTJ	10/06>	M/A	R134A	DCN09110 +**
CORSA D	1.3 DTi	Z13DTH - Z13DTJ	10/06>	M/A	R134A	DCN09110 +**
CORSA D	1.7 DTi	A17DTR - Z17DTR	10/06>	M/A	R134A	DCN09110 +**
SIGNUM	2.2 DIG 16V	Z22YH	06/03>	M/A	R134A	DCN20032 +*
SIGNUM	3.2 i V6 24V	Z32SE	06/03>	M/A	R134A	DCN20032 +*
SIGNUM	2.0 DTi 16V	Y20DTH	06/03>	M/A	R134A	DCN20034 +*
SIGNUM	2.2 DTi 16V	Y22DTR	06/03>	M/A	R134A	DCN20034 +*
SIGNUM	3.0 CDTi V6 24V	Y30DT	06/03>		R134A	DCN20033
SIGNUM B	1.8 i 16V	Z18XE	10/05>	M/A	R134A	DCN20032 +*
SIGNUM B	2.2 DIG 16V	Z20NET	10/05>	M/A	R134A	DCN20032 +*
SIGNUM B	3.0 CDTi V6 24V	Y30DT	10/05>		R134A	DCN20033
TIGRA	1.4 i 16V	Z14XEP	07/04>	M/A	R134A	DCN20021 +*
TIGRA	1.8 i 16V	Z18XE	11/04>	M	R134A	DCN20021 +*
TIGRA TWINTOP	1.4 i Twinport 16V	Z14XEP	07/04>12/04		R134A	DCN20020 +*
TIGRA TWINTOP	1.8 i 16V	Z18XE	07/04>12/04		R134A	DCN20020 +*
TIGRA TWINTOP	1.3 CDTi 16V	Z13DT	07/04>	M	R134A	DCN20022 +*
VECTRA B	2.0 TDi 16V	X20DTH	09/97>01/99	M/A	R134A	DCN20030
VECTRA B	2.0 DTi 16V	Y20DTH	02/99>04/02	M/A	R134A	DCN20030
VECTRA B	2.2 DTi 16V	Y22DTR	09/00>04/02	M/A	R134A	DCN20030
VECTRA C	1.6 i 16V	Z16XE	04/02>	M	R134A	DCN20032 +*
VECTRA C	1.6 i 16V	Z16XE	10/05>	M/A	R134A	DCN20032 +*
VECTRA C	1.8 i 16V	Z18XEL-110	04/02>	M	R134A	DCN20032 +*
VECTRA C	1.8 i 16V	Z18XE	04/02>	M/A	R134A	DCN20032 +*
VECTRA C	1.8 i 16V	Z18XE - Z18XER	10/05>	M/A	R134A	DCN20032 +*
VECTRA C	2.0 i Turbo 16V	Z20NET	07/03>	M	R134A	DCN20032 +*
VECTRA C	2.2 DIG 16V	Z22YH - Z22SE	04/02>	M/A	R134A	DCN20032 +*

* Receiver Drier included ** Cartridge Drier Included



Refrigerant



OPEL continued						
VECTRA C	2.2 DIG 16V	Z22YH	10/05>	M/A	R134A	DCN20032 +*
VECTRA C	2.2 i 16V	Z22YH - Z22SE	04/02>	M/A	R134A	DCN20032 +*
VECTRA C	3.2 i V6 24V	Z32SE	06/02>	M/A	R134A	DCN20032 +*
VECTRA C	2.0 DTi 16V	Y20DTH	04/02>	M/A	R134A	DCN20034 +*
VECTRA C	2.2 DTi 16V	Y22DTR	04/02>	M/A	R134A	DCN20034 +*
VECTRA C	3.0 CDTi V6 24V	Y30DT	06/03>		R134A	DCN20033
VECTRA C	3.0 CDTi V6 24V	Y30DT	10/05>		R134A	DCN20033
ZAFIRA	1.6 i 16V	Z16XE - XEL - XED3	01/99>12/01	M/A	R134A	DCN20005 +**
ZAFIRA	1.6 i 16V	Z16XE - XED3	01/02>06/03	M/A	R134A	DCN20005 +**
ZAFIRA	1.6 i 16V	Z16XE - XE-D4	07/03>06/05	M/A	R134A	DCN20005 +**
ZAFIRA	1.6 i GNV	Z16YNG	07/03>06/05		R134A	DCN20005 +**
ZAFIRA	1.8 i 16V	Z18XE - XED3	01/99>12/01	M/A	R134A	DCN20005 +**
ZAFIRA	1.8 i 16V	Z18XED3	01/02>06/03	M/A	R134A	DCN20005 +**
ZAFIRA	1.8 i 16V	Z18XE	07/03>06/05	M/A	R134A	DCN20005 +**
ZAFIRA	2.0 i Turbo 16V	Z20LET	09/01>06/03	M/A	R134A	DCN20005 +**
ZAFIRA	2.0 i Turbo 16V	Z20LET-192	07/03>06/05	M/A	R134A	DCN20005 +**
ZAFIRA	2.2 i 16V	Z22SE	01/99>12/01	M/A	R134A	DCN20005 +**
ZAFIRA	2.2 i 16V	Z22SE	01/02>06/03	M/A	R134A	DCN20005 +**
ZAFIRA	2.2 i 16V	Z22SE	07/03>06/05	M/A	R134A	DCN20005 +**
ZAFIRA	2.0 DT 16V	X20DTL - Y20DTL	01/99>12/01	M/A	R134A	DCN20005 +**
ZAFIRA	2.0 DTi 16V	X20DTL - Y20DTL	01/99>12/01	M/A	R134A	DCN20005 +**
ZAFIRA	2.0 DT 16V	X20DTL - Y20DTL	01/02>06/03	M/A	R134A	DCN20005 +**
ZAFIRA	2.0 DTi 16V	Y20DTL	07/03>06/05	M/A	R134A	DCN20005 +**
ZAFIRA	2.2 DTi 16V	Y22DTR	07/03>06/05	M/A	R134A	DCN20005 +**
ZAFIRA II	1.8 i 16V	Z18XER	09/05>		R134A	DCN20009 +**
ZAFIRA II	2.0 i Turbo 16V	Z20LER	07/05>		R134A	DCN20010 +**
COMBO	1.4 i Twinport 16V	Z14XE	07/04>01/05		R134A	DCN20020 +**
COMBO	1.6 i	Z16SE-E4	10/01>06/04	M	R134A	DCN20015 +*
COMBO	1.3 CDTi 16V	Z13DT	07/04>	M/A	R134A	DCN20022 +*
COMBO	1.7 Di 16V	V17DTL	10/01>01/03	M/A	R134A	DCN20016 +*
COMBO	1.7 Di 16V	V17DT - V17DTL	10/01>06/04		R134A	DCN20017
COMBO	1.7 DTi 16V	V17DT - V17DTL	10/01>06/04		R134A	DCN20017
COMBO	1.7 CDTi 16V	Z17DTH	07/04>	M/A	R134A	DCN20022 +*
COMBO TOUR	1.6 i	Z16SE-E4	04/02>06/04	M	R134A	DCN20015 +*
COMBO TOUR	1.6 i 8V	Z16SE	08/03>	M	R134A	DCN20020 +*
COMBO TOUR	1.3 CDTi 16V	Z13DT - Z13DT-FAP	07/04>	M/A	R134A	DCN20022 +*
COMBO TOUR	1.7 DTi	V17DT	09/00>07/03	M/A	R134A	DCN20017
COMBO TOUR	1.7 Di 16V	V17DTL	04/02>06/04	M/A	R134A	DCN20016 +*
COMBO TOUR	1.7 DTi 16V	V17DT	04/02>06/04	M/A	R134A	DCN20016 +*
COMBO TOUR	1.7 CDTi 16V	Z17DTH	07/04>	M/A	R134A	DCN20022 +*
PEUGEOT						
106			01/99>12/99	M	R134A	DCN21003
106	ALL		01/01>	M	R134A	DCN21004
206	1.1 i	TU1JP	08/98>08/03	M	R134A	DCN21006
206	1.4 i	TU3JP	09/03>	M/A	R134A	DCN21006
206	1.6 i 16V	TU5JP - TU5JP4	09/98>12/03	M/A	R134A	DCN21006
206	1.6 i	TU5JP - TU5JP4	09/98>12/03	M/A	R134A	DCN21006
206	2.0 i 16V	EW10J4	04/99>08/03	M	R134A	DCN21006
206	1.4 HDi	DV4TD	03/02>08/03	M	R134A	DCN21006
206	1.9 D	DW8 - DW8B	09/98>	M	R134A	DCN21006
206	2.0 HDi	DW10TD	09/99>08/03	M	R134A	DCN21006
206 CC	1.6 i 16V	TU5JP4	02/01>08/03	M/A	R134A	DCN21006
206 CC	2.0 i 16V	EW10J4	10/00>08/03	M	R134A	DCN21006
206 SW	1.1 i	TU1JP	05/02>08/03	M	R134A	DCN21006
206 SW	1.4 i	TU3JP	05/02>08/03	M/A	R134A	DCN21006
206 SW	1.6 i 16V	TU5JP4	05/02>08/03	M/A	R134A	DCN21006
206 SW	2.0 i 16V	EW10J4	05/02>08/03	M	R134A	DCN21006
206 SW	1.4 HDi	DV4TD	05/02>08/03	M	R134A	DCN21006
206 SW	2.0 HDi	DW10TD	05/02>08/03	M	R134A	DCN21006
306	1.1 i	TU1M	11/96>02/97	M/A	R134A	DCN21010
306	1.1 i	TU1M	02/93>11/96	M/A	R134A	DCN21010
306	1.4	TU3 - TU3JP - TU3MC	02/93>11/96	M/A	R134A	DCN21010
306	1.4	TU3 - TU3JP - TU3MC	11/96>02/97	M/A	R134A	DCN21010
306	1.4	TU3JP - TU3.2	03/97>03/02	M/A	R134A	DCN21010
306	1.4 i	TU3 - TU3JP - TU3MC - TU3.2	02/93>11/96	M/A	R134A	DCN21010
306	1.4 i	TU3 - TU3JP - TU3MC - TU3.2	11/96>02/97	M/A	R134A	DCN21010
306	1.4 i	TU3JP - TU3.2	03/97>03/02	M/A	R134A	DCN21010
306	1.4 i GPL	TU3JP - TU3.2	03/97>03/02	M/A	R134A	DCN21010
306	1.6 i	TU5JP	02/93>11/96	M/A	R134A	DCN21010
306	1.6 i	TU5JP	11/96>02/97	M/A	R134A	DCN21010
306	1.6 i	TU5JP	03/97>09/02	M/A	R134A	DCN21010

* Receiver Drier included ** Cartridge Drier Included



Refrigerant



PEUGEOT continued						
306	1.8 i	XU7JP	02/93>11/96	M/A	R134A	DCN21010
306	1.8 i	XU7JP	11/96>02/97	M/A	R134A	DCN21010
306	1.8 i	XU7JP - XU7JP4	03/97>09/02	M/A	R134A	DCN21010
306	1.8 i 16V	XU7JP - XU7JP4	03/97>09/02	M/A	R134A	DCN21010
306	1.8 i 16V	XU7JP4	03/97>02/02	M/A	R134A	DCN21011
306	1.8 i GPL 16V	XU7JP - XU7JP4	03/97>09/02	M/A	R134A	DCN21010
306	2.0 i	XU10J2 - XU10J2C	06/93>11/96	M/A	R134A	DCN21010
306	2.0 i	XU10J4 - XU10J4R - XU10J4RS	06/93>11/96	M/A	R134A	DCN21010
306	2.0 i	XU10J4C	11/96>02/97	M/A	R134A	DCN21010
306	2.0 i	XU10J2	11/96>02/97	M/A	R134A	DCN21010
306	2.0 i	XU10J4 - XU10J4R - XU10J4RS	11/96>02/97	M/A	R134A	DCN21010
306	2.0 i 16V	XU10J2 - XU10J2C	06/93>11/96	M/A	R134A	DCN21010
306	2.0 i 16V	XU10J4 - XU10J4R - XU10J4RS	06/93>11/96	M/A	R134A	DCN21010
306	2.0 i 16V	XU10J4 - XU10J4R - XU10J4RS	11/96>02/97	M/A	R134A	DCN21010
306	2.0 i 16V	XU10J4C	11/96>02/97	M/A	R134A	DCN21010
306	2.0 i 16V	XU10J2	11/96>02/97	M/A	R134A	DCN21010
306	2.0 i 16V	XU10J4R - XU10J4RS	03/97>09/02	M/A	R134A	DCN21010
306	1.8 D	XUD7	06/93>11/96	M/A	R134A	DCN21010
306	1.8 D	XUD7	11/96>02/97	M/A	R134A	DCN21010
306	1.8 D	XUD7	03/97>02/02	M/A	R134A	DCN21011
306	1.9 D	XUD9 - XUD9A - XUD9TE	06/93>02/97	M/A	R134A	DCN21010
306	1.9 D	XUD9 - XUD9A	11/96>02/97	M/A	R134A	DCN21010
306	1.9 D	XUD9A - XUD9TE - XUD9BSD	03/97>03/02	M/A	R134A	DCN21011
306	1.9 D	DW8 - DW8B	11/98>03/02	M/A	R134A	DCN21011
306	1.9 TD	XUD9 - XUD9A - XUD9TE	06/93>02/97	M/A	R134A	DCN21010
306	1.9 TD	XUD9A - XUD9TE - XUD9BSD	03/97>03/02	M/A	R134A	DCN21011
306	1.9 SD	XUD9A - XUD9TE - XUD9BSD	03/97>03/02	M/A	R134A	DCN21011
306	2.0 HDi	DW10TD	03/99>03/02	M/A	R134A	DCN21011
307	1.4 i	TU3JP - ET3J4	09/01>08/04		R134A	DCN21015 +*
307	1.4 i 8V	TU3JP	08/04>06/05	M	R134A	DCN07008 +**
307	1.4 i 16V	TU3JP - ET3J4	09/01>08/04		R134A	DCN21015 +*
307	1.4 i 16V	ET3J4	08/04>06/05	M	R134A	DCN07008 +**
307	1.4 i 16V	ET3J4	06/05>	M/A	R134A	DCN07008 +**
307	1.6 i	TU5JP4	03/01>08/04		R134A	DCN21015 +*
307	1.6 i	TU5JP4	08/04>06/05	M/A	R134A	DCN07008 +**
307	1.6 i 16V	TU5JP4	03/01>08/04		R134A	DCN21015 +*
307	1.6 i 16V	TU5JP4	08/04>06/05	M/A	R134A	DCN07008 +**
307	1.6 i 16V	TU5JP4	06/05>	M/A	R134A	DCN07008 +**
307	2.0 i 16V	EW10J4	03/01>08/04		R134A	DCN21015 +*
307	2.0 i 16V	EW10J4S	09/03>09/04		R134A	DCN21016 +*
307	2.0 i 16V	EW10J4 - EW10A	08/04>06/05	M/A	R134A	DCN07008 +**
307	2.0 i 16V	EW10J4 - EW10J4S - EW10A	06/05>	M/A	R134A	DCN07019
307	1.4 HDi	DV4TD	02/02>08/04		R134A	DCN21015 +*
307	1.4 HDi	DV4TD	08/04>06/05	M	R134A	DCN07008 +**
307	1.6 HDi 16V	DV6TED4 - DV6ATED4	09/04>03/05	M/A	R134A	DCN07019
307	1.6 HDi	DV6TED4 - DV6ATED4	09/04>03/05	M/A	R134A	DCN07019
307	1.6 HDi 16V	DV6TED4 - DV6ATED4	06/05>	M/A	R134A	DCN07019
307	2.0 HDi	DW10TD - DW10ATED	03/01>09/04		R134A	DCN21016 +*
307	2.0 HDi	DW10TD	03/01>03/05	M/A	R134A	DCN07019
307	2.0 HDi	DW10TD	03/02>03/05		R134A	DCN21015 +*
307	2.0 HDi	DW10TD	08/04>06/05	M/A	R134A	DCN07008 +**
307	2.0 HDi	DW10TD	09/04>03/05	M/A	R134A	DCN07019
307	2.0 HDi 16V	DW10BTED4	06/05>	M/A	R134A	DCN07019
406	1.8 i 16V	EW7J4	10/00>04/04		R134A	DCN21025 +*
406	1.8 i GPL 16V	EW7J4	10/00>04/04		R134A	DCN21025 +*
406	2.0 HPI 16V	EW10J4 - EW10JD	04/99>04/04		R134A	DCN21025 +*
406	2.0 16V	EW10J4 - EW10JD	04/99>04/04		R134A	DCN21025 +*
406	2.2 16V	EW12J4	05/00>04/04		R134A	DCN21025 +*
406	3.0 i V6 24V	ES9J4S	09/00>04/04		R134A	DCN21025 +*
406	2.0 HDi	DW10TD - DW10ATED	04/99>04/04		R134A	DCN21025 +*
406	2.2 Hdi 16V	DW12TED4	10/00>04/04		R134A	DCN21025 +**
607	2.0 16V	EW10JD	05/00>09/04		R134A	DCN21025 +*
607	2.2 16V	EW12J4	05/00>09/04		R134A	DCN21025 +*
607	2.2 16V	EW12J4	10/04>		R134A	DCN21025 +*
607	3.0 i V6 24V	ES9J4S	05/00>09/04		R134A	DCN21025 +*
607	3.0 i V6 24V	ES9A	10/04>		R134A	DCN21025 +*
607	2.0 HDi	DW10ATED	05/00>09/04		R134A	DCN21025 +**
607	2.0 HDi	DW10ATED	10/04>		R134A	DCN21025 +*
607	2.2 Hdi 16V	DW12TED4	05/00>09/04		R134A	DCN21025 +*
607	2.2 Hdi 16V	DW12TED4	10/04>		R134A	DCN21025 +*
607	2.2 Hdi 16V	DW12BTED4	10/04>		R134A	DCN21025 +*
1007	1.4 i	TU3JP	03/05>	M	R134A	DCN07007

* Receiver Drier included ** Cartridge Drier Included



Refrigerant



PEUGEOT <i>continued</i>						
1007	1.6 i 16V	TU5JP4	03/05>	M	R134A	DCN07007
1007	1.4 HDi	DV4TD	03/05>	M	R134A	DCN07007
BOXER	2.3 JTD		06>		R134A	DCN07050
BOXER II	2.0		04/02>06	M	R134A	DCN09049 +*
BOXER II	2.0 HDi		04/02>06	M	R134A	DCN09049 +*
BOXER II	2.2 HDi		04/02>06	M	R134A	DCN09049 +*
BOXER II	2.8 HDi		04/02>06	M	R134A	DCN09049 +*
PARTNER	1.1 i	TU1M+	06/96>06/97	M	R134A	DCN21010
PARTNER	1.1 i	TU1JP - TU1M+	06/97>11/02	M	R134A	DCN21010
PARTNER	1.1 i	TU1JP	11/02>	M	R134A	DCN07009 +*
PARTNER	1.1 i GPL	TU1JP - TU1M+	06/97>11/02	M	R134A	DCN21010
PARTNER	1.4	TU3JP - TU3.2	06/96>06/97	M	R134A	DCN21010
PARTNER	1.4	TU3JP - TU3.2	06/97>11/02	M	R134A	DCN21010
PARTNER	1.4 i	TU3JP - TU3.2	06/96>06/97	M	R134A	DCN21010
PARTNER	1.4 i	TU3JP - TU3.2	06/97>11/02	M	R134A	DCN21010
PARTNER	1.4 i	TU3JP	11/02>	M	R134A	DCN07009 +*
PARTNER	1.4 i GPL	TU3JP - TU3.2	06/97>11/02	M	R134A	DCN21010
PARTNER	1.6 i 16V	TU5JP4	09/00>11/02	M	R134A	DCN21010
PARTNER	1.6 i 16V	TU5JP4	11/02>	M	R134A	DCN07009 +*
PARTNER	1.8 i	XU7JB	05/97>06/97	M	R134A	DCN21010
PARTNER	1.8 i	XU7JB	06/96>11/02	M	R134A	DCN21010
PARTNER	1.8 D	XUD7	06/96>09/00	M	R134A	DCN07060
PARTNER	1.8 D	XUD7	09/00>11/02	M	R134A	DCN07010
PARTNER	1.9 D	XUD9A	06/96>09/00	M	R134A	DCN07060
PARTNER	1.9 D	DW8...	10/98>09/00	M	R134A	DCN07060
PARTNER	1.9 D	DW8...	09/00>11/02	M	R134A	DCN07010
PARTNER	1.9 D	XUDA	09/00>11/02	M	R134A	DCN07010
PARTNER	1.9 D	DW8B	11/02>	M	R134A	DCN07009 +*
PARTNER	2.0 HDi	DW10TD	05/00>09/00	M	R134A	DCN07060
PARTNER	2.0 HDi	DW10TD	09/00>11/02	M	R134A	DCN07010
PARTNER	2.0 HDi	DW10TD	11/02>	M	R134A	DCN07009 +*
RANCH	1.4 i	TU3JP	06/96>06/97	M	R134A	DCN21010
RANCH	1.4 i	TU3.2	06/97>11/02	M	R134A	DCN21010
RANCH	1.4 i	TU3JP	11/02>	M	R134A	DCN07009 +*
RANCH	1.8 i	XU7JB	07/97>11/02	M	R134A	DCN21010
RANCH	1.8 i	XU7JB	07/97>11/02	M	R134A	DCN07009 +*
RANCH	1.8 D	XUD7	06/96>07/99	M	R134A	DCN07060
RANCH	1.8 D	XUD7	07/99>11/02	M	R134A	DCN07010
RANCH	1.9 D	XUD9A	07/99>11/02	M	R134A	DCN07060
RANCH	1.9 D	DW8...	07/99>11/02	M	R134A	DCN07010
RANCH	1.9 D	XUDA	07/99>11/02	M	R134A	DCN07010
RANCH	1.9 D	DW8	07/99>11/02	M	R134A	DCN07060
RANCH	1.9 D	DW8B	11/02>	M	R134A	DCN07009 +*
RANCH	2.0 HDi	DW10TD	11/02>	M	R134A	DCN07009 +*
PORSCHÉ						
911	CARRERA	964	08/89>12/92	M	R134A	DCN28001
911	Turbo	964	08/89>12/92	M	R134A	DCN28001
911	CARRERA	993	01/93>05/97	M	R134A	DCN28001
911	Turbo	993	01/93>05/97	M	R134A	DCN28001
RENAULT						
CLIO	1.0 i	D7D	04/01>		R134A	DCN23008
CLIO	1.2 i	D7F	03/98>03/01	M	R134A	DCN23008
CLIO	1.2 i GPL	D7F	03/98>03/01	M	R134A	DCN23008
CLIO	1.2 i	D7F	03/98>10/99	M	R134A	DCN23006
CLIO	1.2 i GPL	D7F	03/98>10/99	M	R134A	DCN23006
CLIO	1.2 i	D4F - D7F	04/01>	M	R134A	DCN23008
CLIO	1.4 i	E7J - K4J	03/98>03/01	M/A	R134A	DCN23006
CLIO	1.4 i	K4J - K7J - E7J	04/01>		R134A	DCN23008
CLIO	1.4 i 16V	E7J - K4J	03/98>03/01	M/A	R134A	DCN23006
CLIO	1.4 i 16V	K4J	09/99>03/01		R134A	DCN23008
CLIO	1.4 i 16V	K4J	04/01>		R134A	DCN23008
CLIO	1.4 i 16V	K7J	04/01>		R134A	DCN23008
CLIO	1.4 i 16V	E7J	04/01>		R134A	DCN23008
CLIO	1.6 i	K7M	03/98>03/01	M/A	R134A	DCN23006
CLIO	1.6 i	K4M	03/98>03/01	M/A	R134A	DCN23006
CLIO	1.6 i	K7M	04/01>	M/A	R134A	DCN23006
CLIO	1.6 i 16V	K4M - K7M	03/98>03/01	M/A	R134A	DCN23006
CLIO	1.6 i 16V	K4M	07/98>03/01		R134A	DCN23008
CLIO	1.6 i 16V	K4M	04/01>		R134A	DCN23008
CLIO	2.0 i 16V	F4R	01/00>03/01	M/A	R134A	DCN23006

* Receiver Drier included



Refrigerant



RENAULT <i>continued</i>						
CLIO	2.0 i 16V	F4R	04/01>	M/A	R134A	DCN23006
CLIO	1.5 DCi	K9K	04/01>	M	R134A	DCN23008
CLIO	1.5 DCi	K9K	04/01>	M	R134A	DCN23007
CLIO	1.9 D	F8Q - F9Q	03/98>03/01		R134A	DCN23006
CLIO	1.9 D	F8Q	04/01>		R134A	DCN23006
CLIO	1.9 DTi	F8Q - F9Q	03/98>03/01		R134A	DCN23006
CLIO	1.9 DTi	F9Q	11/99>03/01		R134A	DCN23008
CLIO	1.9 DTi	F9Q	04/01>		R134A	DCN23008
ESPACE III	2.0 i	F3R	10/96>06/00		R134A	DCN23020
ESPACE III	3.0 i V6	Z7X	10/96>06/98		R134A	DCN23020
ESPACE III	3.0 i V6	L7X	07/98>06/00		R134A	DCN23020
ESPACE III	3.0 i V6	L7X	07/00>10/02		R134A	DCN23020
ESPACE III	2.2 TD	D 2188G8T	12/96>	M	R134A	DCN23001
ESPACE IV	2.0	1998	05/97>	M	R134A	DCN23002
ESPACE IV	2.0 i 16V	F4R	03/06>		R134A	DCN23021
ESPACE IV	2.0 i 16V	F4R	09/02>03/04	M/A	R134A	DCN23022
ESPACE IV	2.0 i Turbo 16V	F4R	09/02>03/04	M/A	R134A	DCN23022
ESPACE IV	3.5 i V6 24V	V4Y	03/06>		R134A	DCN23021
ESPACE IV	3.5 i V6 24V	V4Y	09/02>03/04	M/A	R134A	DCN23022
ESPACE IV	1.9 DCi	F9Q	09/02>03/04	M/A	R134A	DCN23022
ESPACE IV	1.9 DCi	F9Q	03/04>02/06		R134A	DCN23021
ESPACE IV	2.2 DCi 16V	G9T	09/02>03/04	M/A	R134A	DCN23022
ESPACE IV	2.2 DCi 16V	G9T	03/04>02/06		R134A	DCN23021
ESPACE IV	2.0 DCi 16V	M9R	03/06>		R134A	DCN23021
ESPACE IV	2.2 DCi 16V	G9T	03/06>		R134A	DCN23021
ESPACE IV	3.0 DCi 24V	P9X	09/02>03/04	M/A	R134A	DCN23022
ESPACE IV	3.0 DCi 24V	P9X	03/04>02/06		R134A	DCN23021
ESPACE IV	3.0 DCi 24V	P9X	03/06>		R134A	DCN23021
KANGOO	1.2 i	D7F	03/98>02/03		R134A	DCN23008
KANGOO	1.2 i	D7F	03/03>		R134A	DCN23008
KANGOO	1.2 i 8V	D7F	10/97>10/03	M	R134A	DCN23009
KANGOO	1.4 i	E7J	02/99>02/03		R134A	DCN23008
KANGOO	1.4 i 8V	E7J	06/97>10/03	M/A	R134A	DCN23009
KANGOO	1.6 i 8V	K7M	09/99>06/01	M	R134A	DCN23009
KANGOO	1.6 i 16V	K4M	01/02>02/03		R134A	DCN23008
KANGOO	1.9 D	F8Q	10/97>10/03	M	R134A	DCN23009
KANGOO	1.9 DTi	F9Q78	09/99>06/03	M	R134A	DCN23009
KANGOO EXTRA	1.2 i	D7F	01/98>02/03		R134A	DCN23008
KANGOO EXTRA	1.4 i	E7J	01/98>02/03		R134A	DCN23008
KANGOO EXTRA	1.9 D	F8Q	01/98>02/03		R134A	DCN23008
LAGUNA	1.8	F3P	01/94>04/98	M/A	R134A	DCN23020
LAGUNA	2.0	F3R	01/94>04/98	M/A	R134A	DCN23020
LAGUNA	3.0 V6	Z7X	01/94>04/98	M/A	R134A	DCN23020
LAGUNA	3.0 V6	L7X	05/97>04/98	M/A	R134A	DCN23020
LAGUNA	2.2 D	G8T	03/94>04/98	M	R134A	DCN23020
LAGUNA II	1.6 i 16V	K4M	01/01>	M	R134A	DCN23015
LAGUNA II	1.6 i GPL 16V	K4M	01/01>		R134A	DCN23015
LAGUNA II	1.8 i 16V	F4P	01/01>	M	R134A	DCN23015
LAGUNA II	2.0 i 16V	F4R - F5R	01/01>	M	R134A	DCN23015
LAGUNA II	2.0 IDE 16V	F4R - F5R	01/01>	M	R134A	DCN23015
LAGUNA II	3.0 i V6 24V	L7X	01/01>	A	R134A	DCN23015
LAGUNA II	1.9 DCi	F9Q	01/01>	M/A	R134A	DCN23015
LAGUNA II	2.2 DCi 16V	G9T	01/01>	M	R134A	DCN23015
MEGANE	1.4 i	E7J	11/95>04/98	M/A	R134A	DCN23003
MEGANE	1.6 i	K7M	11/95>04/98	M	R134A	DCN23003
MEGANE	2.0 i	F3R	11/95>04/98	M	R134A	DCN23003
MEGANE	1.9 DTi	F8Q	11/95>04/98	M	R134A	DCN23003
MEGANE	2.0 i 16V	F4R	11/01>	M/A	R134A	DCN23011
MEGANE II	1.4 i 16V	K4J	09/02>	M/A	R134A	DCN23012
MEGANE II	1.6 i 16V	K4M	09/02>	M/A	R134A	DCN23012
MEGANE II	2.0 i 16V	F4R	09/02>	M/A	R134A	DCN23012
MEGANE II	2.0 i Turbo 16V	F4R	09/02>	M/A	R134A	DCN23012
MEGANE II	1.5 DCi	K9K	09/02>	M/A	R134A	DCN23012
MEGANE II	1.9 DCi	F9Q	09/02>	M/A	R134A	DCN23012
MEGANE SCENIC	1.4 i	E7J	10/96>04/98	M	R134A	DCN23003
MEGANE SCENIC	1.4 i 16V	K4J	02/99>09/99	M/A	R134A	DCN23013
MEGANE SCENIC	1.4 i 16V	K4J	09/99>07/01	M/A	R134A	DCN23013
MEGANE SCENIC	1.4 i 16V	K4J	07/01>04/03		R134A	DCN23011
MEGANE SCENIC	1.6 i	K7M	10/96>04/98	M/A	R134A	DCN23003
MEGANE SCENIC	1.6 i 16V	K4M	09/99>07/01	M/A	R134A	DCN23013
MEGANE SCENIC	1.8 i 16V	F4P	09/99>07/01	M/A	R134A	DCN23013
MEGANE SCENIC	1.6 i 16V	K4M	07/01>04/03		R134A	DCN23011



Refrigerant



RENAULT <i>continued</i>						
MEGANE SCENIC	1.8 i 16V	F4P	07/01>04/03		R134A	DCN23011
MEGANE SCENIC	2.0 i	F3R	10/96>04/98	M/A	R134A	DCN23003
MEGANE SCENIC	2.0 i 16V	F4R	09/99>03/01	M/A	R134A	DCN23010
MEGANE SCENIC	2.0 i 16V	F4R	07/01>04/03		R134A	DCN23011
MEGANE SCENIC	2.0 i 16V	F4R	09/99>07/01	M/A	R134A	DCN23013
MEGANE SCENIC	1.9 D	F8Q	10/96>04/98	M	R134A	DCN23003
MEGANE SCENIC	1.9 D	F8Q - F9Q	05/98>09/99	M/A	R134A	DCN23010
MEGANE SCENIC	1.9 DT	F8Q - F9Q	05/98>09/99	M/A	R134A	DCN23010
MEGANE SCENIC	1.9 DTi	F8Q	10/96>04/98	M/A	R134A	DCN23003
MEGANE SCENIC	1.9 DTi	F9Q	04/97>09/99	M/A	R134A	DCN23013
MEGANE SCENIC	1.9 DTi	F8Q - F9Q	05/98>09/99	M/A	R134A	DCN23010
MEGANE SCENIC	1.9 DTi	F9Q	09/99>07/01	M/A	R134A	DCN23013
MEGANE SCENIC	1.9 DTi	F9Q	07/01>04/03		R134A	DCN23011
MEGANE SCENIC	1.9 DCi	F9Q	09/99>07/01	M/A	R134A	DCN23013
MEGANE SCENIC	1.9 DCi	F9Q	07/01>04/03		R134A	DCN23011
SCENIC	1.4 i 16V	K4J	05/03>	M/A	R134A	DCN23012
SCENIC	1.6 i 16V	K4M	05/03>	M/A	R134A	DCN23012
SCENIC	2.0 i 16V	F4R	05/03>	M/A	R134A	DCN23012
SCENIC	2.0 i Turbo 16V	F4R	05/03>	M/A	R134A	DCN23012
SCENIC	1.5 DCi	K9K	05/03>	M/A	R134A	DCN23012
SCENIC	1.9 DCi	F9Q	05/03>	M/A	R134A	DCN23012
TWINGO	1.2 i	1239 C3G	09/98>06/99	M/A		DCN23004
MASCOTT	2.8 TD	8140-43C - 8140-43S	07/99>	M	R134A	DCN23025
MASCOTT	2.8 DTi	8140-43C - 8140-43S	07/99>	M	R134A	DCN23025
SEAT						
ALHAMBRA	1.8 i Turbo 20V	AWC	06/03>10/05	M/A	R134A	DCN32015 ++
ALHAMBRA	1.8 i Turbo 20V	AWC	06/00>	M/A	R134A	DCN32015 ++
ALHAMBRA	2.8 i VR6 24V	AYL - AUE	06/00>	M/A	R134A	DCN32015 ++
ALHAMBRA	2.8 i VR6 24V	AYL	06/03>10/05	M/A	R134A	DCN32015 ++
ALHAMBRA	2.0 i	ATM	06/00>	M/A	R134A	DCN32015 ++
ALHAMBRA	2.0 i	ATM	06/03>10/05	M/A	R134A	DCN32015 ++
ALHAMBRA	1.9 TDI	ANU - AU1 - ASZ	06/00>	M/A	R134A	DCN32015 ++
ALHAMBRA	1.9 TDI	ANU - AU1 - ASZ	06/03>10/05	M/A	R134A	DCN32015 ++
CORDOBA			03/93>	M		DCN27001
CORDOBA	1.0 i	ALD - AVZ - AUC - AST- ANV	08/99>08/02	M/A	R134A	DCN27003
CORDOBA	1.0 i 16V	ALD - AVZ - AUC - AST- ANV	08/99>08/02	M/A	R134A	DCN27003
CORDOBA	1.2 i 12V	AZQ	10/02>04/04	M/A	R134A	DCN27004 ++
CORDOBA	1.4 i	AUB - AUD - AQQ	05/99>08/02	M/A	R134A	DCN27003
CORDOBA	1.4 i	APE - ANW - AKK	05/99>08/02	M/A	R134A	DCN27003
CORDOBA	1.4 i 16V	APE - ANW - AKK	05/99>08/02	M/A	R134A	DCN27003
CORDOBA	1.4 i 16V	BBY - BKY - BBZ	09/02>	M/A	R134A	DCN27004 ++
CORDOBA	1.4 i 16V	AUB - AUD - AQQ	05/99>08/02	M/A	R134A	DCN27003
CORDOBA	1.6 i	AKL - APF - AEH - AUR - ALM	05/99>08/02	M/A	R134A	DCN27003
CORDOBA	1.6 i	BAH	04/03>	M/A	R134A	DCN27004 ++
CORDOBA	1.8 i Turbo 20V	AQX	12/99>08/02	M/A	R134A	DCN27003
CORDOBA	2.0 i	AZL - BBX	09/02>	M/A	R134A	DCN27004 ++
CORDOBA	1.4 TDi	AMF	10/02>	M/A	R134A	DCN27004 ++
CORDOBA	1.9 SDI	ALH - AQM - AGR - ASV - AGP	03/99>08/02	M/A	R134A	DCN27003
CORDOBA	1.9 SDI	ASZ - ASY - ATD	09/02>	M/A	R134A	DCN27004 ++
CORDOBA	1.9 TDI	ALH - AQM - AGR - ASV - AGP	03/99>08/02	M/A	R134A	DCN27003
CORDOBA	1.9 TDI	ASZ - ASY - ATD	09/02>	M/A	R134A	DCN27004 ++
IBIZA	1.0 i	ALD - AVZ - AUC - AST- ANV	08/99>11/01	M/A	R134A	DCN27003
IBIZA	1.0 i 16V	ALD - AVZ - AUC - AST- ANV	08/99>11/01	M/A	R134A	DCN27003
IBIZA	1.2 i 12V	AZQ	11/01>	M/A	R134A	DCN27004 ++
IBIZA	1.4 i	ABD - AEX - AKV - ANX - APQ	02/93>11/99	M	R134A	DCN27001
IBIZA	1.4 i	AUB - AUD - AQQ	08/99>11/01	M/A	R134A	DCN27003
IBIZA	1.4 i	APE - ANW - AKK	08/99>11/01	M/A	R134A	DCN27003
IBIZA	1.4 i	AUA	08/99>11/01	M/A	R134A	DCN27003
IBIZA	1.4 i 16V	AFH	06/97>06/99	M	R134A	DCN27001
IBIZA	1.4 i 16V	AUB - AUD - AQQ	08/99>11/01	M/A	R134A	DCN27003
IBIZA	1.4 i 16V	APE - ANW - AKK	08/99>11/01	M/A	R134A	DCN27003
IBIZA	1.4 i 16V	AUA	08/99>11/01	M/A	R134A	DCN27003
IBIZA	1.4 i 16V	BBY - BKY - BBZ	09/01>	M/A	R134A	DCN27004 ++
IBIZA	1.4 i 16V	AUB	09/01>	M/A	R134A	DCN27004 ++
IBIZA	1.6 i	1F	05/94>06/99	M/A	R134A	DCN27001
IBIZA	1.6 i	ABU - AEE - AFT - ALM	05/94>06/99	M	R134A	DCN27001
IBIZA	1.6 i	AKL - APF - AEH - AUR - ALM	08/99>11/01	M/A	R134A	DCN27003
IBIZA	1.6 i	BAH	04/03>	M/A	R134A	DCN27004 ++
IBIZA	1.8 i	ABS - ACC - ADL	05/94>06/99	M	R134A	DCN27001
IBIZA	1.8 i 16V	BJX - BBY	12/03>	M/A	R134A	DCN27004 ++
IBIZA	1.8 i Turbo 20V	AQX - AYP	12/99>11/01	M/A	R134A	DCN27003

** Cartridge Drier Included



Refrigerant



SEAT continued						
IBIZA	1.8 i Turbo 20V	BJX - BBU	12/03>	M/A	R134A	DCN27004 ++
IBIZA	2.0 i	2E - AGG	05/94>06/99	M	R134A	DCN27001
IBIZA	2.0 i	AZL - BBX	07/02>	M/A	R134A	DCN27004 ++
IBIZA	1.4 TDI	AMF	05/02>	M/A	R134A	DCN27004 ++
IBIZA	1.9 D	1Y	05/94>06/99	M	R134A	DCN27001
IBIZA	1.9 SDI	ALH - AQM - AGR - ASV - AGP	03/99>08/02	M/A	R134A	DCN27003
IBIZA	1.9 SDI	ASZ - ASY - ATD	09/01>	M/A	R134A	DCN27004 ++
IBIZA	1.9 SDI	BPX	09/01>	M/A	R134A	DCN27004 ++
IBIZA	1.9 TD	AAZ	05/94>06/99	M	R134A	DCN27001
IBIZA	1.9 TDI	AFN - AHU	05/94>06/99	M	R134A	DCN27001
IBIZA	1.9 TDI	ALH - AQM - AGR - ASV - AGP	03/99>08/02	M/A	R134A	DCN27003
IBIZA	1.9 TDI	BPX	09/01>	M/A	R134A	DCN27004 ++
IBIZA	1.9 TDI	ASZ - ASY - ATD	09/01>	M/A	R134A	DCN27004 ++
INCA	ALL		10/95>	M		DCN27001
LEON	1.4 i 16V	APE - AHW - AXP - BCA	11/99>	M/A	R134A	DCN32017
LEON	1.6 i	AUS - AEH - AKL - AZD	11/99>	M/A	R134A	DCN32017
LEON	1.6 i	BCB	11/99>	M/A	R134A	DCN32017
LEON	1.6 i 16V	AUS - AEH - AKL - AZD	11/99>	M/A	R134A	DCN32017
LEON	1.6 i 16V	BCB	11/99>	M/A	R134A	DCN32017
LEON	1.8 i 20V	APG - AGN - AMK - AUQ	11/99>	M/A	R134A	DCN32017
LEON	1.8 i 20V	APP - ARY - AJQ - BAM	11/99>	M/A	R134A	DCN32017
LEON	1.8 i 20V	BAM	11/99>	M/A	R134A	DCN32017
LEON	1.8 i Turbo 20V	APG - AGN - AMK - AUQ	11/99>	M/A	R134A	DCN32017
LEON	1.8 i Turbo 20V	APP - ARY - AJQ - BAM	11/99>	M/A	R134A	DCN32017
LEON	1.9 SDI	ASV - ASZ - AQM - ALH	11/99>	M/A	R134A	DCN32017
LEON	1.9 TDI	ASV - ASZ - AQM - ALH	11/99>	M/A	R134A	DCN32017
LEON	2.8 i V6 24V	AUE - BDE	10/00>	M/A	R134A	DCN32017
TOLEDO	1.4 i 16V	AHW	11/99>	M/A	R134A	DCN32017
TOLEDO	1.4 i 16V	AXP	01/00>05/02	M/A	R134A	DCN32017
TOLEDO	1.6 i	AUS - AEH - AKL - AZD	10/98>07/04	M/A	R134A	DCN32017
TOLEDO	1.6 i	BCB	10/98>07/04	M/A	R134A	DCN32017
TOLEDO	1.6 i 16V	AUS - AEH - AKL - AZD	10/98>07/04	M/A	R134A	DCN32017
TOLEDO	1.6 i 16V	BCB	10/98>07/04	M/A	R134A	DCN32017
TOLEDO	1.8 i 20V	AGN - APG - AUQ	10/98>07/04	M/A	R134A	DCN32017
TOLEDO	2.3 i VR5 20V	AGZ - AQN	10/98>11/03	M/A	R134A	DCN32017
TOLEDO	1.9 TDI	ASV - ASZ - ALH - AGR - AHF	10/98>07/04	M/A	R134A	DCN32017
SKODA						
FABIA	1.0 i	AQV - ARV	01/01>	M/A	R134A	DCN27004 ++
FABIA	1.2 i	AWY - AZQ	08/02>	M/A	R134A	DCN27004 ++
FABIA	1.2 i	BME - BMD	08/02>	M/A	R134A	DCN27004 ++
FABIA	1.4 i	AME - AQW	08/99>	M/A	R134A	DCN27004 ++
FABIA	1.4 i	ATZ - AZE - AZF	08/99>	M/A	R134A	DCN27004 ++
FABIA	1.4 i 16V	AUB - AUA	10/99>	M/A	R134A	DCN27004 ++
FABIA	1.4 i 16V	BBZ - BBY - BKY	10/99>	M/A	R134A	DCN27004 ++
FABIA	2.0 i	AZL	07/00>	M/A	R134A	DCN27004 ++
FABIA	1.4 TDi	AMF	08/02>	M/A	R134A	DCN27004 ++
FABIA	1.9 TDI	ATD - ASY - ASZ	09/00>	M/A	R134A	DCN27004 ++
FABIA	1.9 SDi	ATD - ASY - ASZ	09/00>	M/A	R134A	DCN27004 ++
OCTAVIA	1.4 i	AMD	02/99>07/00	M/A	R134A	DCN32017
OCTAVIA	1.4 i	AMD - AXP - BCA	08/00>	M/A	R134A	DCN32017
OCTAVIA	1.4 i 16V	AMD - AXP - BCA	08/00>	M/A	R134A	DCN32017
OCTAVIA	1.4 i 55KW MPI (SK351)		03/04>		R134A	DCN32001
OCTAVIA	1.6 i	AEH - AKL	02/97>07/00	M/A	R134A	DCN32017
OCTAVIA	1.6 i	AEE	10/96>07/00	M/A	R134A	DCN32017
OCTAVIA	1.6 i	AKL - AEH - AVU - BFQ	08/00>	M/A	R134A	DCN32017
OCTAVIA	1.6 i	AEE	08/00>09/04	M/A	R134A	DCN32017
OCTAVIA	1.6 i 85KW FSI (SK351)		03/04>		R134A	DCN32001
OCTAVIA	1.6 i 75KW MPI (SK351)		03/04>		R134A	DCN32001
OCTAVIA	1.8	ARX - AUM - AGU	08/00>09/04	M/A	R134A	DCN32017
OCTAVIA	1.8	ARZ - AUQ	08/00>09/04	M/A	R134A	DCN32017
OCTAVIA	1.8 i 20V	AGN - AGU - ARZ	10/96>07/00	M/A	R134A	DCN32017
OCTAVIA	1.8 i Turbo 20V	AGN - AGU - ARZ	10/96>07/00	M/A	R134A	DCN32017
OCTAVIA	1.8 i Turbo 20V	ARX - AUM - AGU	08/00>09/04	M/A	R134A	DCN32017
OCTAVIA	1.8 i Turbo 20V	ARZ - AUQ	08/00>09/04	M/A	R134A	DCN32017
OCTAVIA	2.0 i	AZH - AQY - ATF - APK	05/99>07/00	M/A	R134A	DCN32017
OCTAVIA	2.0 i	AZJ - AEG - AQY - APK - AZH	08/00>09/04	M/A	R134A	DCN32017
OCTAVIA	2.0 i 110KW FSI (SK351)		03/04>		R134A	DCN32001
OCTAVIA	2.0 i 147KW FSI (SK351)		03/04>		R134A	DCN32001
OCTAVIA	2.0 i 100KW TDI (SK351)		03/04>		R134A	DCN32001
OCTAVIA	1.9 D	ASV - ASZ - AQM - ALH	08/00>	M/A	R134A	DCN32017
OCTAVIA	1.9 D	AGR - AHF - ATD	08/00>	M/A	R134A	DCN32017

** Cartridge Drier Included



Refrigerant



SKODA continued						
OCTAVIA	1.9 TDI	AGR - AHF - ATD	08/00>	M/A	R134A	DCN32017
OCTAVIA	1.9 TDI	ASV - AGP	10/96>07/00	M/A	R134A	DCN32017
OCTAVIA	1.9 TDI	AGR - AHF	10/96>07/00	M/A	R134A	DCN32017
OCTAVIA	1.9 TDI	ASV - ASZ - AQM - ALH	08/00>	M/A	R134A	DCN32017
OCTAVIA COMBI	1.4 i 55KW MPI (SK352)		03/04>		R134A	DCN32001
OCTAVIA COMBI	1.6 i 85KW FSI (SK352)		03/04>		R134A	DCN32001
OCTAVIA COMBI	1.6 i 75KW MPI (SK352)		03/04>		R134A	DCN32001
OCTAVIA COMBI	2.0 i 110KW FSI (SK352)		03/04>		R134A	DCN32001
OCTAVIA COMBI	2.0 i 147KW FSI (SK352)		03/04>		R134A	DCN32001
OCTAVIA COMBI	2.0 i 100KW TDI (SK352)		03/04>		R134A	DCN32001
ROOMSTER	1.2 i 12V	BME-E4	05/06>		R134A	DCN27004 ++
ROOMSTER	1.4 i 16V	BXW-E2 - E4	05/06>		R134A	DCN27004 ++
ROOMSTER	1.6 i 16V	BTS-E2 - E4	05/06>		R134A	DCN27004 ++
ROOMSTER	1.4 TDi	BNM - BNV	05/06>		R134A	DCN27004 ++
ROOMSTER	1.9 TDi	AXR	03/06>		R134A	DCN27004 ++
SUPERB	1.8 i Turbo 20V	AWT	12/01>	M/A	R134A	DCN32018
SUPERB	1.8 i Turbo 20V	AWT	01/04>	M/A	R134A	DCN32018
SUPERB	2.0 i	AZM	12/01>	M/A	R134A	DCN32018
SUPERB	2.8 i V6 30V	AMX - BBG	12/01>	M/A	R134A	DCN32018
SUPERB	1.9 TDi	AVB - AWX	12/01>	M/A	R134A	DCN32018
SUPERB	1.9 TDi	AVF	01/04>	M/A	R134A	DCN32018
SUPERB	2.5 TDi V6 24V	AYM - BDG	12/01>	M/A	R134A	DCN32018
VOLKSWAGEN						
BEETLE	1.4 i	BCA	08/01>	M	R134A	DCN32025
BEETLE	1.6 i	AWH - AYD	11/99>05/01	M/A	R134A	DCN32025
BEETLE	1.6 i	AYD - BFS	06/01>	M/A	R134A	DCN32025
BEETLE	1.8 i Turbo 20V	AWV - APH - AVC - AWU	01/99>05/01	M/A	R134A	DCN32025
BEETLE	1.8 i Turbo 20V	AWV - AWP - AWU	06/01>	M/A	R134A	DCN32025
BEETLE	2.0 i	AQY - AEG - APK	01/98>05/01	M/A	R134A	DCN32025
BEETLE	2.0 i	AQY - AZJ - APK - AEG	06/01>	M/A	R134A	DCN32025
BEETLE	2.0 i	BEJ - BER	06/01>	M/A	R134A	DCN32025
BEETLE	3.2 i V6 24V	AXJ	10/00>05/01	M/A	R134A	DCN32025
BEETLE	1.9 TDi	ATD	06/01>	M	R134A	DCN32017
BEETLE	1.9 TDi	ALH	11/98>05/01	M	R134A	DCN32025
BEETLE	1.9 TDi	ALH	06/01>	M	R134A	DCN32025
BORA	1.4 i 16V	AXP - AHW - AKQ - APE - BCA	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 i	BCB - BAD	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 i	ATN - AEH - AVU	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 i	APF - AKL - AZD - AUS	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 i 16V	APF - AKL - AZD - AUS	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 i 16V	BCB - BAD	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 i 16V	ATN - AEH - AVU	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 FSi	APF - AKL - AZD - AUS	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 FSi	BCB - BAD	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 FSi	ATN - AEH - AVU	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 FSi 16V	APF - AKL - AZD - AUS	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 FSi 16V	BCB - BAD	09/98>04/02	M/A	R134A	DCN32017
BORA	1.6 FSi 16V	ATN - AEH - AVU	09/98>04/02	M/A	R134A	DCN32017
BORA	1.8 i 20V	AGN - AGU - AUM - ARX	02/99>04/02	M/A	R134A	DCN32017
BORA	1.8 i Turbo 20V	AGN - AGU - AUM - ARX	02/99>04/02	M/A	R134A	DCN32017
BORA	2.0 i	APK - AQY - AZJ - AZH	09/98>04/02	M/A	R134A	DCN32017
BORA	2.3 i V5	AGZ - AQN	09/98>04/02	M/A	R134A	DCN32017
BORA	2.3 i V5 20V	AGZ - AQN	09/98>04/02	M/A	R134A	DCN32017
BORA	2.8 i VR6 24V	AQP - AUE - BDE	05/99>04/02	M/A	R134A	DCN32017
BORA	2.8 i VR6	AQP - AUE - BDE	05/99>04/02	M/A	R134A	DCN32017
BORA	1.9 SDI	AQM	09/98>04/02	M/A	R134A	DCN32017
BORA	1.9 SDI	AUY - ASZ - ALH - AJM - AHF	09/98>04/02	M/A	R134A	DCN32017
BORA	1.9 SDI	ATD - AGR - ASV - AGP - AXR	09/98>04/02	M/A	R134A	DCN32017
BORA	1.9 TDi	AUY - ASZ - ALH - AJM - AHF	09/98>04/02	M/A	R134A	DCN32017
BORA	1.9 TDi	ATD - AGR - ASV - AGP - AXR	09/98>04/02	M/A	R134A	DCN32017
BORA	1.9 TDi	AQM	09/98>04/02	M/A	R134A	DCN32017
CORRADO	2.9 i - 16V	ABV	08/92>	M		DCN32009
CORRADO	2.9 i - VR6	ABV	08/92>	M/A		DCN32010
FOX	1.2 i	BMD	11/04>	M	R134A	DCN27004 +++
FOX	1.4 i	BKR	11/04>	M	R134A	DCN27004 +++
FOX	1.4 TDi	BNM	11/04>	M	R134A	DCN27004 +++
GOLF III	1.6 i - 8V.	AEK /AKS	10/94>	M/A	R134A	DCN32003
GOLF III	1.6 i - 8V.	AEA	10/94>	M	R134A	DCN32003
GOLF III	1.6 i - 8V. CABRIO	AEK	10/94>12/95	M/A	R134A	DCN32003
GOLF III	1.6 i - 8V. (MPI) CABRIO	AFT	08/94>12/95	M/A	R134A	DCN32003
GOLF III	1.6 i	ABU	02/94>10/94	M	R134A	DCN32003

** Cartridge Drier Included



Refrigerant



VOLKSWAGEN continued						
GOLF III	1.6 i - 8V. (MPI)	AFT	01/96>	M/A	R134A	DCN32003
GOLF III	1.6 i - 8V. CABRIO	AKS	04/97>07/98	M/A	R134A	DCN32003
GOLF III	1.8 i - 8V. (SPI) CABRIO	ABS	09/93>	M/A	R134A	DCN32003
GOLF III	1.8 i - 8V. CABRIO	AAM / ADZ	01/94>04/98	M/A	R134A	DCN32003
GOLF III	1.8 i - 8V.	AAM / ADZ	02/94>	M/A	R134A	DCN32003
GOLF III	1.8 i - 8V. (SPI)	ABS	02/94>10/94	M/A	R134A	DCN32003
GOLF III	2.0 i	ADY / AEP	09/94>	M/A	R134A	DCN32003
GOLF III	2.0 i	AKR	05/97>	M/A	R134A	DCN32003
GOLF III	2.0 i - 8V.	AGG	09/95>	M/A	R134A	DCN32003
GOLF III	2.0 i - 8V.	2E	02/94>09/94	M/A	R134A	DCN32003
GOLF III	2.0 i - 16V. GTI	ABF	02/95>	M/A	R134A	DCN32003
GOLF III	2.0 i - 8V. CABRIO	AGG	08/95>04/98	M/A	R134A	DCN32003
GOLF III	2.0 i - 8V. CABRIO	2E	09/93>	M/A	R134A	DCN32003
GOLF III	2.0 i CABRIO	ADY	08/94>	M/A	R134A	DCN32003
GOLF III	2.0 i CABRIO	AKR	04/97>04/98	M/A	R134A	DCN32003
GOLF III	2.8 i / VR6	AAA	02/94>	M	R134A	DCN32003
GOLF III	SYNCRO 2.9 I - VR6	ABV	01/94>	M	R134A	DCN32003
GOLF III	1.9 D	1Y	02/94>08/96	M	R134A	DCN32003
GOLF III	1.9 TD	AAZ	02/94>	M	R134A	DCN32003
GOLF III	1.9 TDI	1Z	02/94>08/96	M	R134A	DCN32003
GOLF III	1.9 TDI	AHU	08/96>	M/A	R134A	DCN32003
GOLF III	1.9 TDI	AFN	02/96>	M/A	R134A	DCN32003
GOLF III	1.9 TDI CABRIO	1Z	02/95>	M	R134A	DCN32003
GOLF III	1.9 TDI CABRIO	AHU / AFN / ALE	08/96>04/98	M/A	R134A	DCN32003
GOLF IV	1.4 I 16V	AXP - AHW - AKQ - APE - BCA	10/97>	M/A	R134A	DCN32017
GOLF IV	1.6 I	APF - AKL - AZD - AUS	10/97>	M/A	R134A	DCN32017
GOLF IV	1.6 I	BCB - BAD - BFQ	10/97>	M/A	R134A	DCN32017
GOLF IV	1.6 I	ATN - AEH - AVU	10/97>	M/A	R134A	DCN32017
GOLF IV	1.6 I 16V	APF - AKL - AZD - AUS	10/97>	M/A	R134A	DCN32017
GOLF IV	1.6 I 16V	BCB - BAD - BFQ	10/97>	M/A	R134A	DCN32017
GOLF IV	1.6 I 16V	ATN - AEH - AVU	10/97>	M/A	R134A	DCN32017
GOLF IV	1.6 FSi	APF - AKL - AZD - AUS	10/97>	M/A	R134A	DCN32017
GOLF IV	1.6 FSi	BCB - BAD - BFQ	10/97>	M/A	R134A	DCN32017
GOLF IV	1.6 FSi	ATN - AEH - AVU	10/97>	M/A	R134A	DCN32017
GOLF IV	1.8 I	AGN - AGU - AUM	10/97>	M/A	R134A	DCN32017
GOLF IV	1.8 I	ARZ - AUQ	10/97>	M/A	R134A	DCN32017
GOLF IV	1.8 I 20V	AGN - AGU - AUM	10/97>	M/A	R134A	DCN32017
GOLF IV	1.8 I 20V	ARZ - AUQ	10/97>	M/A	R134A	DCN32017
GOLF IV	1.8 I Turbo	AGN - AGU - AUM	10/97>	M/A	R134A	DCN32017
GOLF IV	1.8 I Turbo	ARZ - AUQ	10/97>	M/A	R134A	DCN32017
GOLF IV	1.8 i Turbo 20V	AGN - AGU - AUM	10/97>	M/A	R134A	DCN32017
GOLF IV	1.8 i Turbo 20V	ARZ - AUQ	10/97>	M/A	R134A	DCN32017
GOLF IV	2.0 i	APK - AQY - AZJ - AZH	08/98>	M/A	R134A	DCN32017
GOLF IV	2.0 i	BEH	08/98>	M/A	R134A	DCN32017
GOLF IV	2.0 i	AZG	08/98>	M/A	R134A	DCN32017
GOLF IV	2.3 i VR5	AGZ - AQN	10/97>	M/A	R134A	DCN32017
GOLF IV	2.3 i VR5 20V	AGZ - AQN	10/97>	M/A	R134A	DCN32017
GOLF IV	2.8 I VR6	BDE	05/99>	M/A	R134A	DCN32017
GOLF IV	2.8 I VR6	AUE - AQP	05/99>	M/A	R134A	DCN32017
GOLF IV	2.8 i VR6 24V	BDE	05/99>	M/A	R134A	DCN32017
GOLF IV	2.8 i VR6 24V	AUE - AQP	05/99>	M/A	R134A	DCN32017
GOLF IV	3.2 i V6 R32	BFH	06/02>	M/A	R134A	DCN32017
GOLF IV	1.9 SDI	AUY - ASZ - ALH - AJM - AHF	10/97>	M/A	R134A	DCN32017
GOLF IV	1.9 SDI	ATD - AGR - ASV - AGP - AXR	10/97>	M/A	R134A	DCN32017
GOLF IV	1.9 SDI	AQM	10/97>	M/A	R134A	DCN32017
GOLF IV	1.9 TDI	AQM	10/97>	M/A	R134A	DCN32017
GOLF IV	1.9 TDI	AUY - ASZ - ALH - AJM - AHF	10/97>	M/A	R134A	DCN32017
GOLF IV	1.9 TDI	ATD - AGR - ASV - AGP - AXR	10/97>	M/A	R134A	DCN32017
GOLF V	1.4 I 125KW BIT 4V (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	1.4 I 55KW MPI 4V RSH (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	1.4 I 66KW FSI 4V (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	1.6 I 85KW FSI 4V (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	1.6 I 75KW MPI 2V RSH (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	2.0 I 110KW FSI 4V AGW (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	2.0 I 147KW FSI 4V AGW (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	3.2 I 184KW (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	1.9 I 66KW TDI (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	1.9 I 77KW TDI (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	2.0 I 55KW SDI (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	2.0 I 100KW TDI (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	2.0 I 103KW TDI (VW350)		06/04>	M/A	R134A	DCN32001
GOLF V	2.0 I 125KW TDI (VW350)		06/04>	M/A	R134A	DCN32001



Refrigerant



VOLKSWAGEN continued					
GOLF V PLUS	1.4 I 55KW MPI (VW359)		06/04>	M/A	R134A DCN32001
GOLF V PLUS	1.4 I 66KW FSI (VW359)		06/04>	M/A	R134A DCN32001
GOLF V PLUS	1.6 I 85KW FSI (VW359)		06/04>	M/A	R134A DCN32001
GOLF V PLUS	1.6 I 75KW MPI (VW359)		06/04>	M/A	R134A DCN32001
GOLF V PLUS	2.0 I 110KW FSI (VW359)		06/04>	M/A	R134A DCN32001
GOLF V PLUS	1.9 I 66KW TDI (VW359)		06/04>	M/A	R134A DCN32001
GOLF V PLUS	1.9 I 77KW TDI (VW359)		06/04>	M/A	R134A DCN32001
GOLF V PLUS	2.0 I 110KW TDI (VW359)		06/04>	M/A	R134A DCN32001
PASSAT	1.6 i	AHL - ARM - ADP - ANA	10/96>09/00	M/A	R134A DCN32016
PASSAT	1.6 i	ALZ	10/00>05/05	M/A	R134A DCN32018
PASSAT	1.8 i Turbo 20V	ADR - AFY - APT - APU	11/94>11/00	M/A	R134A DCN32016
PASSAT	1.8 i Turbo 20V	AWM - AWT	10/00>05/05	M/A	R134A DCN32018
PASSAT	1.8 i Turbo 20V	ARG - AEB - ANB	11/94>11/00	M/A	R134A DCN32016
PASSAT	1.8 i 20V	ARG - AEB - ANB	11/94>11/00	M/A	R134A DCN32016
PASSAT	1.8 i 20V	ADR - AFY - APT - APU	11/94>11/00	M/A	R134A DCN32016
PASSAT	1.8 i	ARG - AEB - ANB	11/94>11/00	M/A	R134A DCN32016
PASSAT	1.8 i	ADR - AFY - APT - APU	11/94>11/00	M/A	R134A DCN32016
PASSAT	2.0 i	AUZ - ASU - AVA	01/00>08/00	M/A	R134A DCN32016
PASSAT	2.0 i	AZM - ALT	10/00>05/05	M/A	R134A DCN32018
PASSAT	2.0 i 20V	AZM - ALT	10/00>05/05	M/A	R134A DCN32018
PASSAT	2.3 i	AZX	01/01>05/05	M/A	R134A DCN32018
PASSAT	2.3 i V5	AZX	01/01>05/05	M/A	R134A DCN32018
PASSAT	2.3 i VR5 20V	AGZ	10/96>09/00	M/A	R134A DCN32016
PASSAT	2.8 i	AMX - ATQ	10/00>05/05	M/A	R134A DCN32018
PASSAT	2.8 i V6	AMX - ATQ - BBG	10/00>05/05	M/A	R134A DCN32018
PASSAT	2.8 i V6	ACK - APR - ALG	01/97>09/00	M/A	R134A DCN32016
PASSAT	2.8 i V6	AQD - ATX - AGE	01/97>09/00	M/A	R134A DCN32016
PASSAT	2.8 i V6 30V	AGE - ACK - APR	01/97>09/00	M/A	R134A DCN32016
PASSAT	2.8 i V6 30V	ALG - AQD - ATX	01/97>09/00	M/A	R134A DCN32016
PASSAT	1.9 TDi	AHU - AFN - AHH - AVG - AJM	10/96>09/00	M/A	R134A DCN32016
PASSAT	1.9 TDi	AVB - AVF - AWX	10/00>05/05	M/A	R134A DCN32018
PASSAT	1.9 TDi	AJM - AVG - ATJ	01/99>09/00	M/A	R134A DCN32019
PASSAT	2.0 TDi	BGW	11/03>05/05	M/A	R134A DCN32018
PASSAT	2.5 TDi	AKN - BDG - BAU - BDH	10/00>05/05	M/A	R134A DCN32018
PASSAT	2.5 TDi V6	AKN - BDG - BAU - BDH	10/00>05/05	M/A	R134A DCN32018
PASSAT	2.5 TDi V6	AFB - AKN	08/98>09/00	M/A	R134A DCN32019
PASSAT III	ALL	ALL	04/88>11/91	M	DCN32004
PASSAT III	ALL		08/92>10/93	M	DCN32006
PASSAT III	1.6	ALL	11/91>08/92	M	DCN32004
PASSAT III	1.8	ALL	11/91>08/92	M	DCN32004
PASSAT III	2.0	ALL	11/91>08/92	M	DCN32004
PASSAT III	2.8 I -VR6	AAA	11/91>08/92	M	DCN32005
PASSAT III	1.6 TD	SB	11/91>08/92	M	DCN32004
PASSAT III	1.9 D	1Y	11/91>08/92	M/A	DCN32004
PASSAT III	1.9 TD	AAZ	11/91>08/92	M	DCN32005
PASSAT IV	SYNCRO		12/93>12/96	M	DCN32007
POLO			05/96>09/99	M/A	R134A DCN27001
POLO	1.2 i	BME - BMD	04/05>	M/A	R134A DCN27004 ++
POLO	1.2 i 12V	AZQ - AWY	11/01>07/04	M/A	R134A DCN27004 ++
POLO	1.2 i 12V	BME - BMD	04/05>	M/A	R134A DCN27004 ++
POLO	1.4 16V	AXU - AUA - AUB	11/01>	M/A	R134A DCN27004 ++
POLO	1.4 16V	BBY - BBZ	11/01>	M/A	R134A DCN27004 ++
POLO	1.4 i 16V	AXU - AUA - AUB	11/01>	M/A	R134A DCN27004 ++
POLO	1.4 i 16V	BBY - BBZ	11/01>	M/A	R134A DCN27004 ++
POLO	1.4 i 16V	AXU - BBZ - BKY	04/05>	M/A	R134A DCN27004 ++
POLO	1.4 FSi 16V	AXU - AUA - AUB	11/01>	M/A	R134A DCN27004 ++
POLO	1.4 FSi 16V	BBY - BBZ	11/01>	M/A	R134A DCN27004 ++
POLO	1.4 FSi 16V	AXU - BBZ - BKY	04/05>	M/A	R134A DCN27004 ++
POLO	1.8 GTi Turbo 20V	BJX	04/05>	M/A	R134A DCN27004 ++
POLO	1.9 TDi	ATD - ASY - ASZ - AXR	04/05>	M/A	R134A DCN27004 ++
POLO	1.9 TDi	BLT	04/05>	M/A	R134A DCN27004 ++
POLO	1.9 TDi	ASZ - ASY - ATD - AXR	11/01>	M/A	R134A DCN27004 ++
POLO	1.4 TDi	AMF - BAY	11/01>	M/A	R134A DCN27004 ++
POLO	1.4 TDi	BNM - BMS - BNV	04/05>	M/A	R134A DCN27004 ++
POLO	1.9 SDi	ASZ - ASY - ATD - AXR	11/01>	M/A	R134A DCN27004 ++
POLO	1.9 SDi	ATD - ASY - ASZ - AXR	04/05>	M/A	R134A DCN27004 ++
POLO	1.9 SDi	BLT	04/05>	M/A	R134A DCN27004 ++
POLO	1.9 TDi 16V	ATD - ASY - ASZ - AXR	04/05>	M/A	R134A DCN27004 ++
POLO	1.9 TDi 16V	BLT	04/05>	M/A	R134A DCN27004 ++
SHARAN	1.8 i Turbo	AWC	04/00>05/03	M/A	R134A DCN32015 ++
SHARAN	2.0 i	ATM	04/00>05/03	M/A	R134A DCN32015 ++
SHARAN	2.8 I V6	AYL	04/00>05/03	M/A	R134A DCN32015 ++

** Cartridge Drier Included



Refrigerant



VOLKSWAGEN continued						
SHARAN	2.8 i VR6	AYL	04/00>05/03	M/A	R134A	DCN32015 +**
SHARAN	1.9 TDI	ANU - AUY - ASZ	04/00>05/03	M/A	R134A	DCN32015 +**
TOURAN	1.6 i	BGU	07/03>	M/A	R134A	DCN32030 +**
TOURAN	1.6 FSi 16V	BAG - BLF - BLP	02/03>06/03	M/A	R134A	DCN32030 +**
TOURAN	2.0 FSi 16V	BLY - BLX - AXW - BLR	10/03>	M/A	R134A	DCN32030 +**
TOURAN	1.9 TDI	AVQ - BKC	02/03>06/03	M/A	R134A	DCN32030 +**
TOURAN	2.0 TDi 16V	AZV - BKD	02/03>	M/A	R134A	DCN32030 +**
VENTO	1.6 l - 8V.	AEA	10/94>	M	R134A	DCN32003
VENTO	1.6 l - 8V.	AEK	10/94>	M/A	R134A	DCN32003
VENTO	1.6 l	ABU	02/94>10/94	M	R134A	DCN32003
VENTO	1.8 l - 8V.	AAM / ADZ	02/94>	M/A	R134A	DCN32003
VENTO	1.8 l - 8V. (SPI)	ABS	02/94>10/94	M/A	R134A	DCN32003
VENTO	2.0 l	ADY / AEP	09/94>	M/A	R134A	DCN32003
VENTO	2.0 l - 8V.	2E	02/94>09/94	M/A	R134A	DCN32003
VENTO	2.0 l - 16V. GTI	ABF	02/95>	M/A	R134A	DCN32003
VENTO	2.8 l / VR6	AAA	02/94>	M	R134A	DCN32003
VENTO	1.9 D	1Y	02/94>08/96	M	R134A	DCN32003
VENTO	1.9 TD	AAZ	02/94>	M	R134A	DCN32003
VENTO	1.9 TDI	1Z	02/94>08/96	M	R134A	DCN32003
CADDY	ALL		11/95>			DCN27001
CADDY	1.4 i 16V	BCA	02/04>	M	R134A	DCN32030 +**
CADDY	1.6 l	BSE - BSF - BGU	02/04>	M	R134A	DCN32030 +**
CADDY	1.9 TDI	BJB - BLS - BSU	02/04>	M	R134A	DCN32030 +**
CADDY	2.0 SDi	BST - BDJ	02/04>	M	R134A	DCN32030 +**
VOLVO						
440	1.7 Turbo - K (445)	B 18 FT	01/91>12/96		R12	DCN33004
440	1.8 - K (445)	B 18 U	08/91>07/96		R12	DCN33004
440	2.0 - K (445)	B 20 F	08/92>07/95		R12	DCN33004
460	1.6 L (464)	B 16 F	07/92>07/96		R12	DCN33004
460	1.7 L (464)		09/90>07/96		R12	DCN33004
460	1.7 Turbo L (464)	B 18 FT	01/91>07/96		R12	DCN33004
460	1.8 L (464)	B 18 U	08/91>07/96		R12	DCN33004
460	2.0 L (464)	B 20 F	08/92>07/95		R12	DCN33004
480	1.7 Turbo E	B 18 FT	01/91>07/96		R12	DCN33004
480	2.0 E	B 20 F	08/92>09/95		R12	DCN33004
850	2.0 10V	B5202F - B5204T - B5204F	07/93>12/96	M/A	R134A	DCN33006
850	2.0 20V	B5202F - B5204T - B5204F	07/93>12/96	M/A	R134A	DCN33006
850	2.0 Turbo 20V	B5202F - B5204T - B5204F	07/93>12/96	M/A	R134A	DCN33006
850	2.3 20V	B5234T5 - B5234S - B5234T	03/93>12/96	M/A	R134A	DCN33006
850	2.3 Turbo	B5234T5 - B5234S - B5234T	03/93>12/96	M/A	R134A	DCN33006
850	2.3 Turbo 20V	B5234T5 - B5234S - B5234T	03/93>12/96	M/A	R134A	DCN33006
850	2.5 10V	B5254F - B5254T - B5252F	07/93>12/96	M/A	R134A	DCN33006
850	2.5 20V	B5254F - B5254T - B5252F	07/93>12/96	M/A	R134A	DCN33006
850	2.5 i Turbo	B5254F - B5254T - B5252F	07/93>12/96	M/A	R134A	DCN33006
850	2.5 TDi	D5252T	02/96>12/96	M/A	R134A	DCN33006
C70	2.3 i Turbo 20V	B5234T3-240	03/97>06/02	M/A	R134A	DCN33006
C70	2.4 i Turbo	B5254T	03/97>06/02	M/A	R134A	DCN33006
S40	1.6 i 16V	B4164S...	01/97>03/04	M/A	R134A	DCN33007
S40	1.8 i 16V	B4184S...	10/95>08/99	M/A	R134A	DCN33007
S40	1.8 i 16V	B4184S...	10/95>08/99	M/A	R134A	DCN33008
S40	1.8 i 16V	B4184S...	04/99>03/04	M/A	R134A	DCN33007
S40	1.8 i 16V	B4184SM	03/98>03/04	M/A	R134A	DCN33007
S40	1.8 i 16V	B4184SM	03/98>03/04	M/A	R134A	DCN33008
S40	1.8 i 16V	B4184S2	04/99>03/04	M/A	R134A	DCN33008
S40	2.0 i 16V	B4204S	10/95>03/04	M/A	R134A	DCN33007
S40	2.0 i 16V	B4204... - B4194T	10/95>03/04	M/A	R134A	DCN33008
S40	1.9 i Turbo 16V	B4204... - B4194T	10/95>03/04	M/A	R134A	DCN33008
S40	2.0 i Turbo 16V	B4204... - B4194T	10/95>03/04	M/A	R134A	DCN33008
S40	1.9 TD	D4192T - D4192T2	07/96>07/00	M/A	R134A	DCN33008
S40	1.9 TDi	D4192T - D4192T2	07/96>07/00	M/A	R134A	DCN33008
S70	2.0 i	B5202FS - B5204T...	12/96>11/00	M/A	R134A	DCN33006
S70	2.0 i 10V	B5202FS - B5204T...	12/96>11/00	M/A	R134A	DCN33006
S70	2.0 i Turbo	B5202FS - B5204T...	12/96>11/00	M/A	R134A	DCN33006
S70	2.3 i	B5234FS - B5234T...	12/96>11/00	M/A	R134A	DCN33006
S70	2.3 i Turbo	B5234FS - B5234T...	12/96>11/00	M/A	R134A	DCN33006
S70	2.3 i Turbo	B5234FS - B5234T...	05/97>11/00	M/A	R134A	DCN33006
S70	2.4 i 20V	B5254... - B5244... - B5252FS	12/96>11/00	M/A	R134A	DCN33006
S70	2.4 i Turbo 20V	B5254... - B5244... - B5252FS	12/96>11/00	M/A	R134A	DCN33006
S70	2.4 i GPL 20V	B5244SG2 - GB5252S...	05/97>11/00	M/A	R134A	DCN33006
S70	2.5 i GPL 10V	B5244SG2 - GB5252S...	05/97>11/00	M/A	R134A	DCN33006
S70	2.5 i 10V	B5254... - B5244... - B5252FS	12/96>11/00	M/A	R134A	DCN33006

** Cartridge Drier Included



Refrigerant

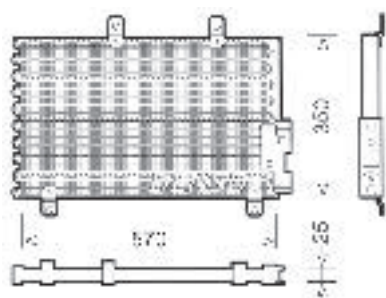


VOLVO continued						
S70	2.5 i 20V	B5254... - B5244... - B5252FS	12/96>11/00	M/A	R134A	DCN33006
S70	2.5 i Turbo 20V	B5254... - B5244... - B5252FS	12/96>11/00	M/A	R134A	DCN33006
S70	2.5 TDi	D5252T	12/96>11/00	M/A	R134A	DCN33006
V40	1.6 i 16V	B4164S...	05/97>	M/A	R134A	DCN33007
V40	1.8 i 16V	B4184S...	10/95>08/99	M/A	R134A	DCN33007
V40	1.8 i 16V	B4184S...	10/95>08/99	M/A	R134A	DCN33008
V40	1.8 i 16V	B4184S...	04/99>	M/A	R134A	DCN33007
V40	1.8 i 16V	B4184S...	04/99>	M/A	R134A	DCN33008
V40	1.8 i 16V	B4184SM	03/98>	M/A	R134A	DCN33007
V40	1.8 i 16V	B4184SM	03/98>	M/A	R134A	DCN33008
V40	1.9 T 16V	B4194T2	05/97>07/00	M/A	R134A	DCN33008
V40	2.0 i 16V	B4204S...	10/95>	M/A	R134A	DCN33007
V40	2.0 i 16V	B4204S - B4204T - B4204S2	10/95>	M/A	R134A	DCN33008
V40	2.0 T Turbo 16V	B4204S - B4204T - B4204S2	10/95>	M/A	R134A	DCN33008
V40	1.9 TD	D4192T	06/96>08/99	M/A	R134A	DCN33007
V40	1.9 TDi	D4192T2	01/99>	M/A	R134A	DCN33008
V70	2.0 i 10V	B5202FS - B5204T...	05/97>06/98	M/A	R134A	DCN33006
V70	2.0 i Turbo 20V	B5202FS - B5204T...	05/97>06/98	M/A	R134A	DCN33006
V70	2.3 i 20V	B5234FS - B5234T...	05/97>06/98	M/A	R134A	DCN33006
V70	2.3 i Turbo 20V	B5234FS - B5234T...	05/97>06/98	M/A	R134A	DCN33006
V70	2.4 i 20V	B5254... - B5244... - B5252FS	12/96>12/99	M/A	R134A	DCN33006
V70	2.4 i Turbo 20V	B5254... - B5244... - B5252FS	12/96>12/99	M/A	R134A	DCN33006
V70	2.4 i GPL 20V	B5244SG2	05/99>12/99	M/A	R134A	DCN33006
V70	2.5 i 10V	B5254... - B5244... - B5252FS	12/96>12/99	M/A	R134A	DCN33006
V70	2.5 i 20V	B5254... - B5244... - B5252FS	12/96>12/99	M/A	R134A	DCN33006
V70	2.5 i Turbo 20V	B5254... - B5244... - B5252FS	12/96>12/99	M/A	R134A	DCN33006
V70	2.5 TDi 10V	D5252T	05/97>06/98	M/A	R134A	DCN33006

[illegible]

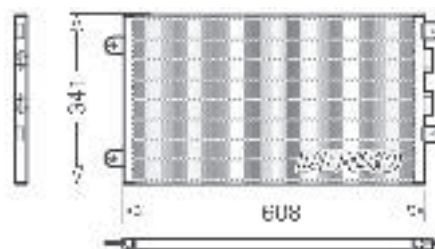
DCN01001

ALFA ROMEO 145/146/155 1.6 TS 1.8 TS 2.0 TS



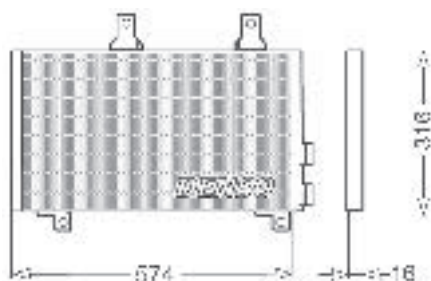
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ALFA ROMEO 147



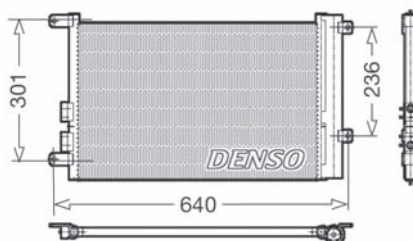
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ALFA ROMEO 145 FIAT COUPE



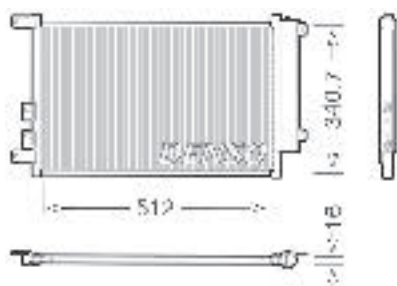
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ALFA ROMEO 147 - 156



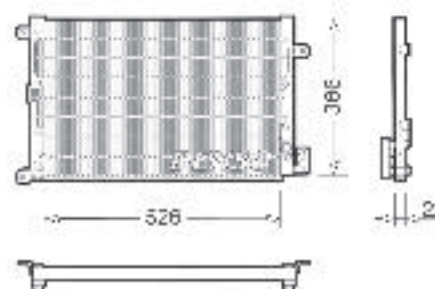
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ALFA ROMEO 147 1.9 JTD 16V / 2.0 JTS WITH SEALED DFD



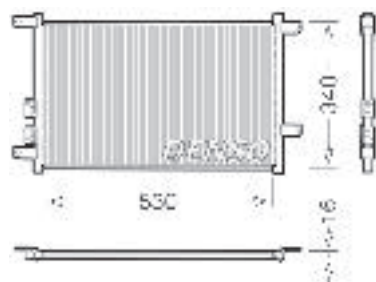
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LANCIA KAPPA / KAPPA R98 ALFA ROMEO 166



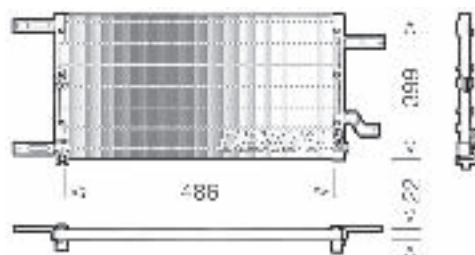
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ALFA ROMEO 147 1.9 JTD / 2.0 JTS



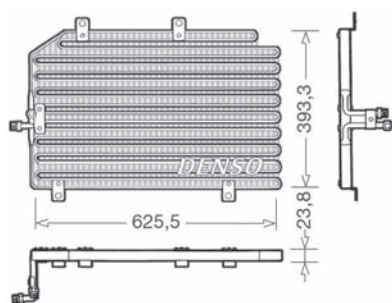
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ALFA ROMEO 166 2.0 TS/ 2.5 V6/ 3.0 V6



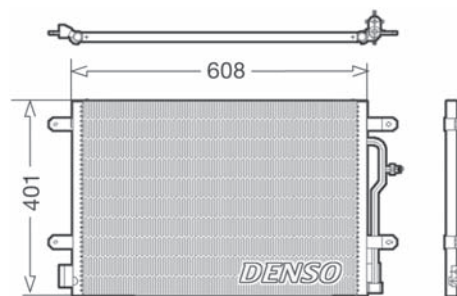
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ALFA ROMEO GTV 2.0 TS 16V/ 2.0 V6 TURBO



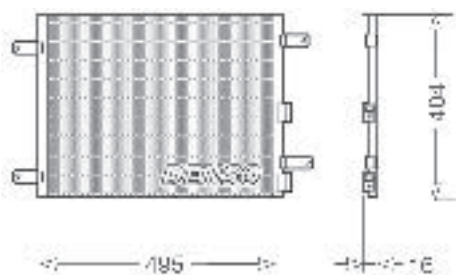
DCN02011

AUDI A4 II - CABRIOLET - A6 III



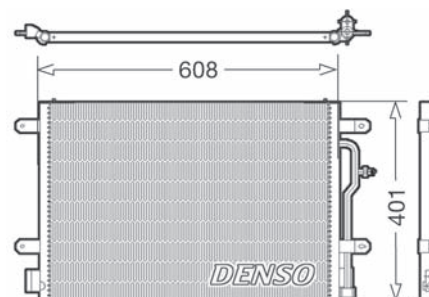
DCN01023

ALFA ROMEO GTV 3.0I 24V V6/ SPIDER



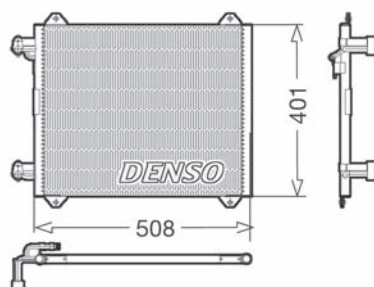
DCN02012

AUDI A4 II - CABRIOLET



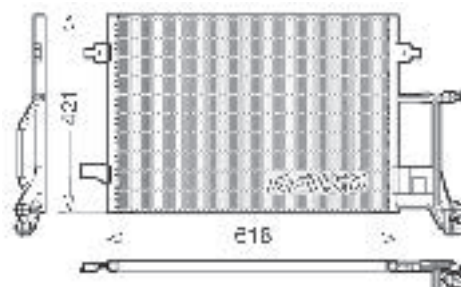
DCN02009

AUDI A2



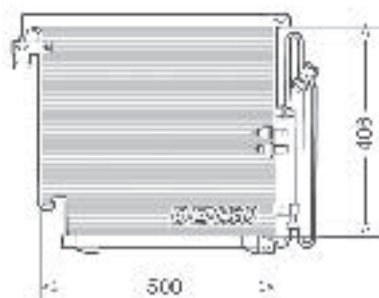
DCN02013

AUDI A6 II - III - II QUATTRO



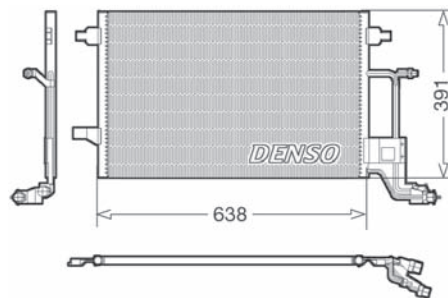
DCN02010

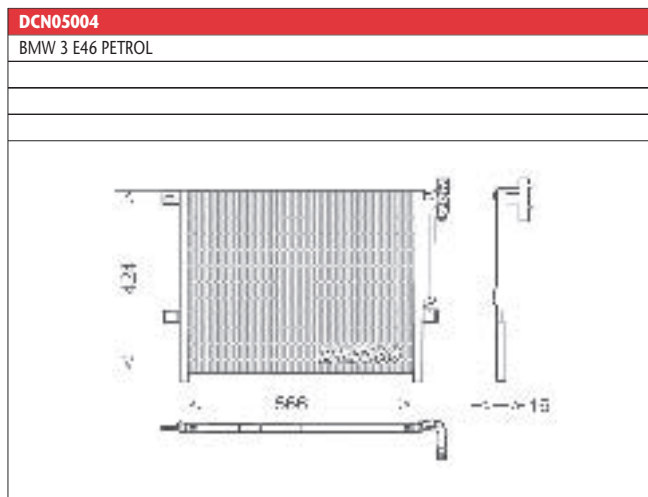
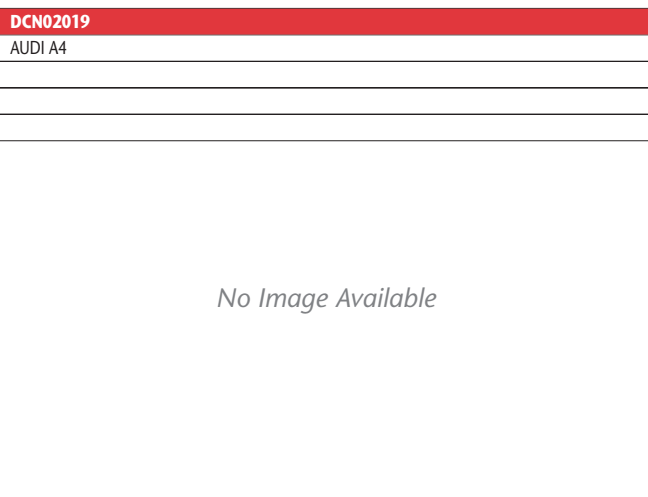
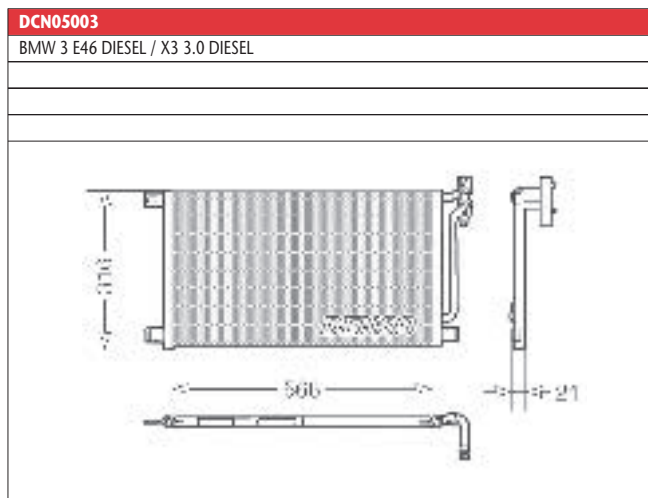
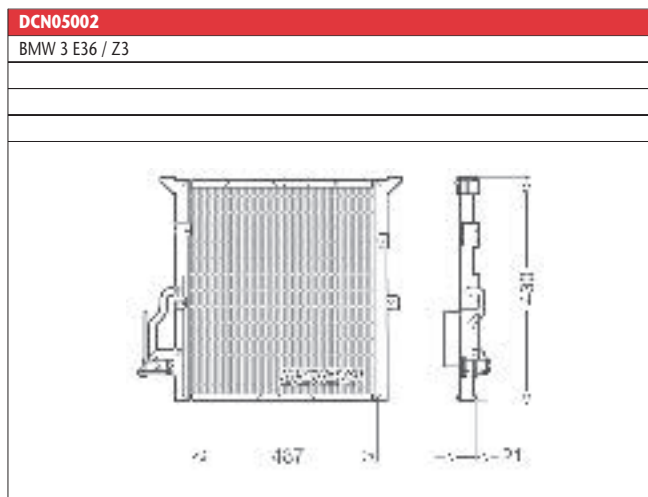
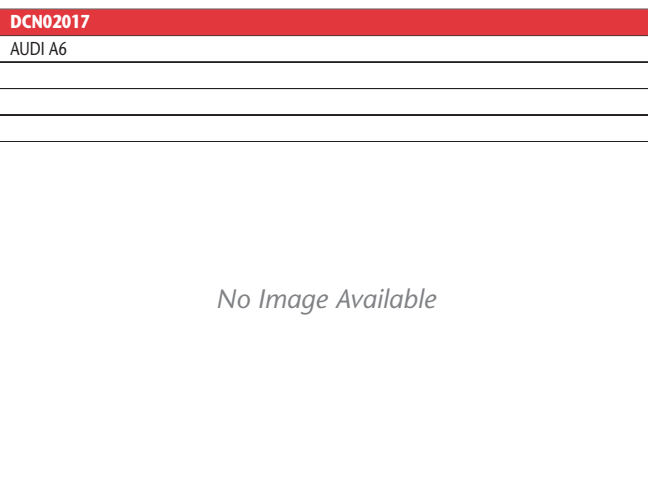
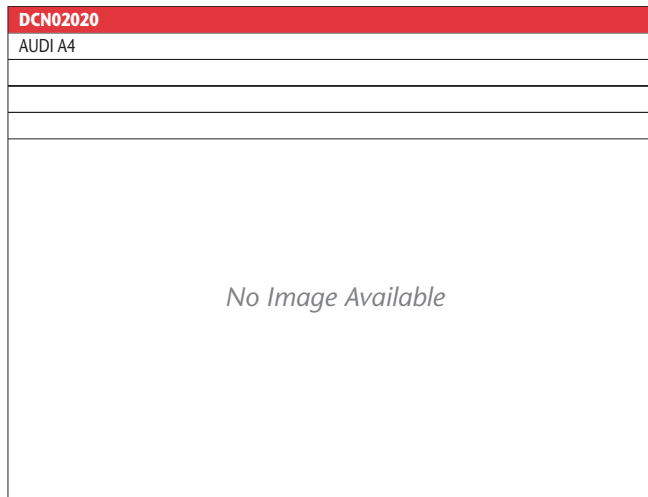
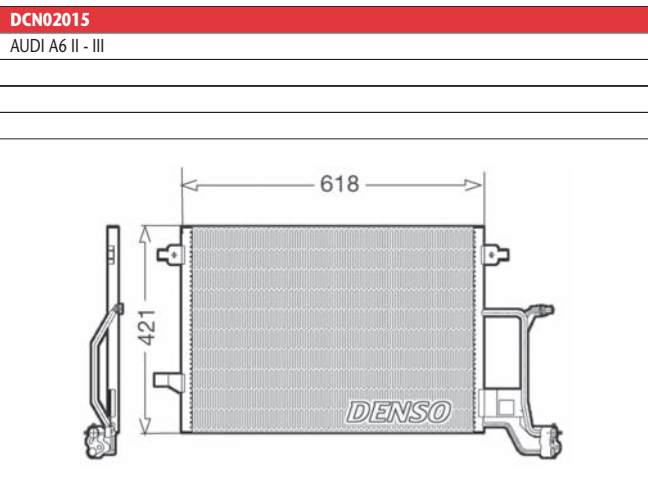
AUDI 80 IV AVANT / QUATTRO / COUPE



DCN02014

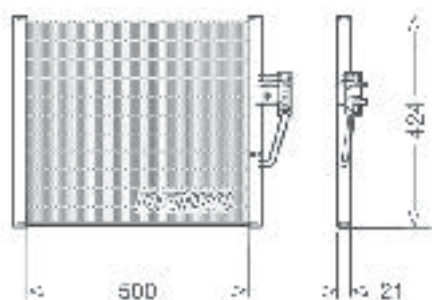
AUDI A6 II - III





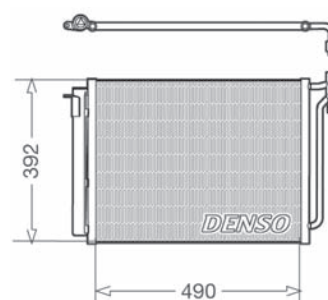
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BMW 5 E39



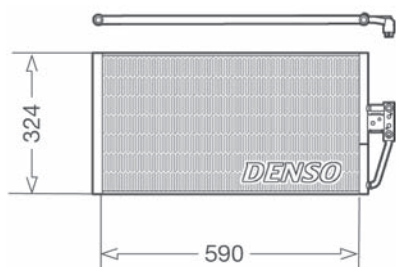
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BMW X5



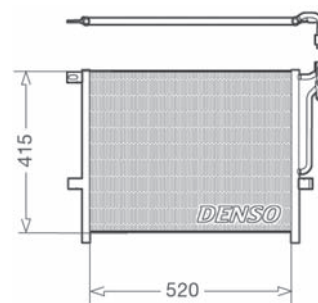
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BMW 5 E39 / 7 E38



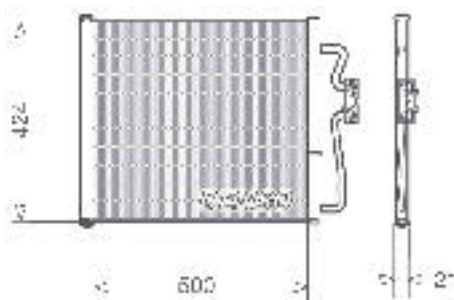
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BMW Z4



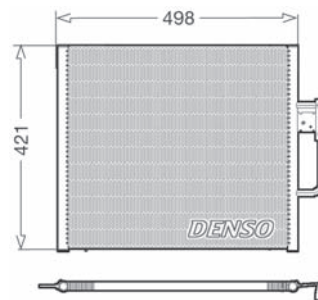
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BMW 7 E38



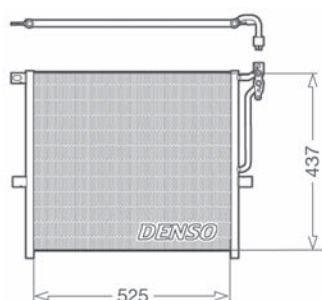
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BMW 5 E39



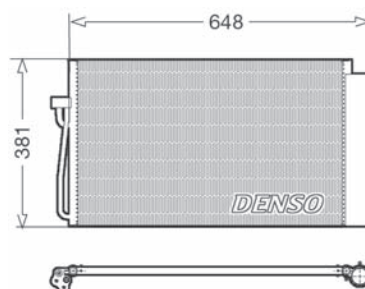
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BMW X3 2.5 / 3.0



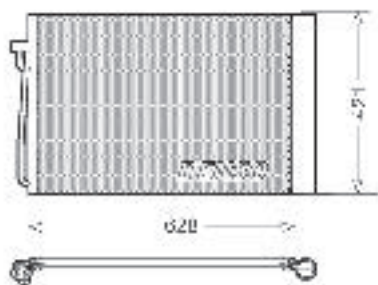
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BMW 5 E60-7E65 DIESEL



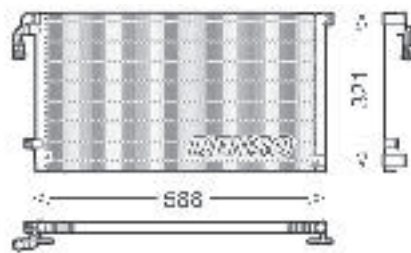
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BMW 5 E60 -7 E65 PETROL



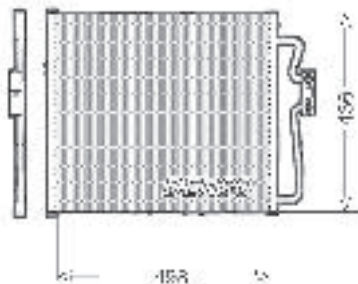
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CITROEN SAXO



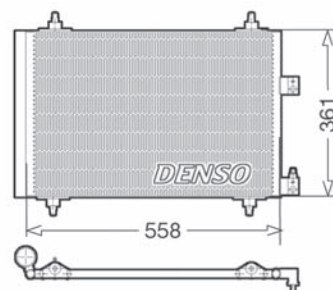
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BMW 7 E38 PETROL



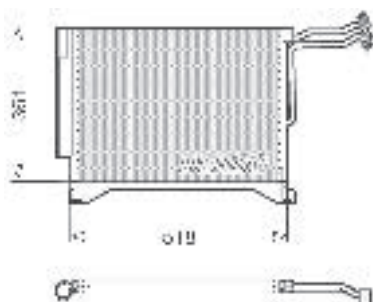
DCN07005

CITROEN C5



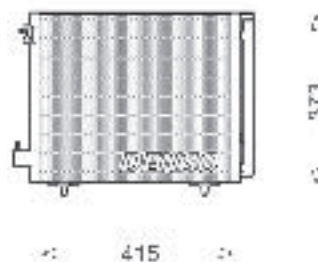
DCN05100

BMW MINI ONE DIESEL



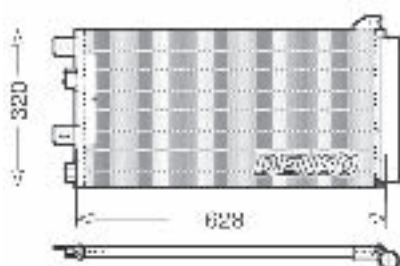
DCN07007

CITROEN C2/C3/C3 PLURIEL PEUGEOT 1007



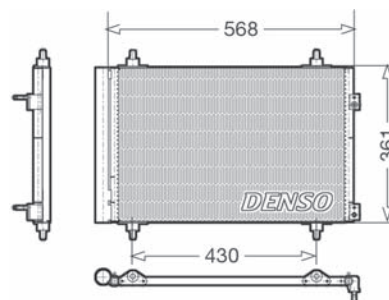
DCN05101

BMW MINI COOPER - ONE



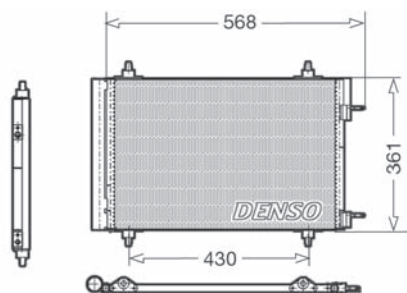
DCN07008

CITROEN C4 - C4 COUPE - C4 PICASSO - PEUGEOT 307



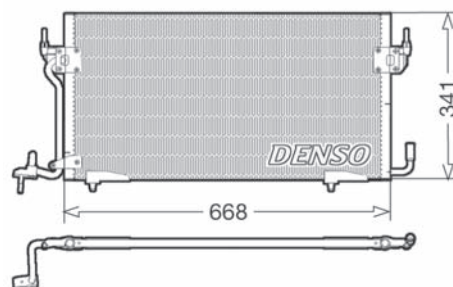
DCN07009

CITROEN BERLINGO - XSARA - XSARA PICASSO - PEUGEOT PARTNER - RANCH



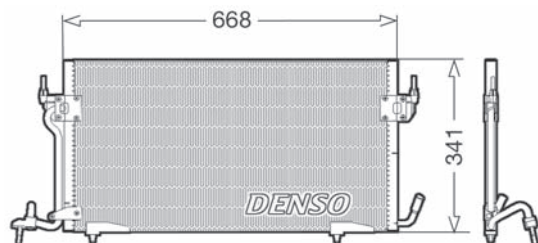
DCN07060

CITROEN BERLINGO - PEUGEOT PARTNER - RANCH



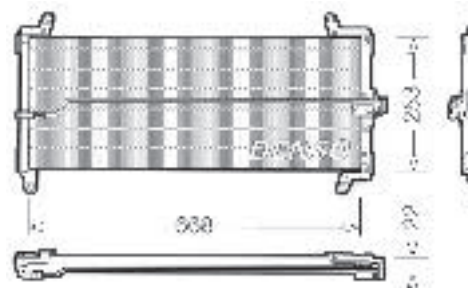
DCN07010

CITROEN XSARA - PEUGEOT PARTNER - RANCH



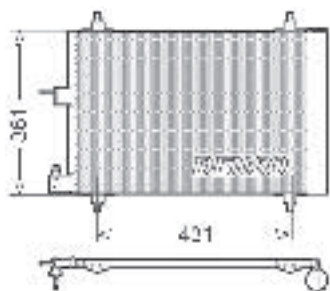
DCN09001

FIAT BARCHETTA 1.8 IE 16V



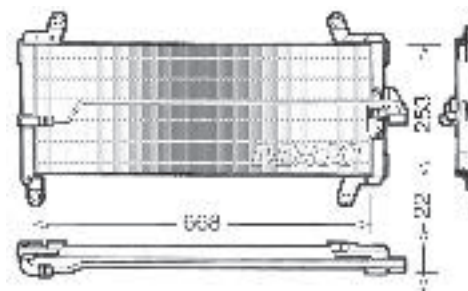
DCN07019

CITROEN C4 - PEUGEOT 307



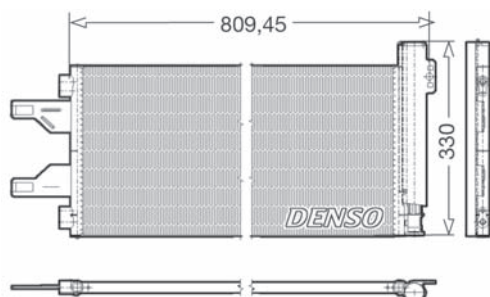
DCN09002

FIAT BARCHETTA 1.8 IE 16V



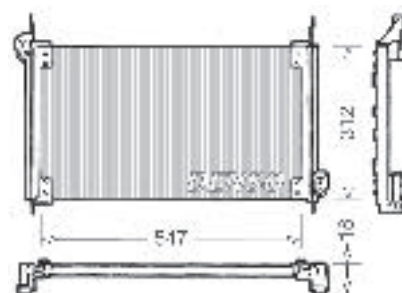
DCN07050

CITROEN JUMPER - PEUGEOT BOXER - FIAT DUCATO



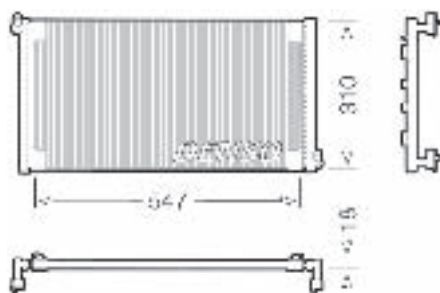
DCN09010

FIAT BRAVO/A 1.2 / 1.6 - MAREA 1.2 / 1.4 / 1.6



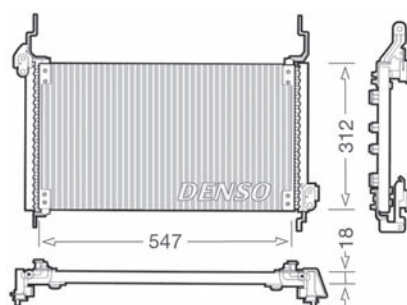
DCN09011

FIAT BRAVO/A 1.2 16V/1.6 16V



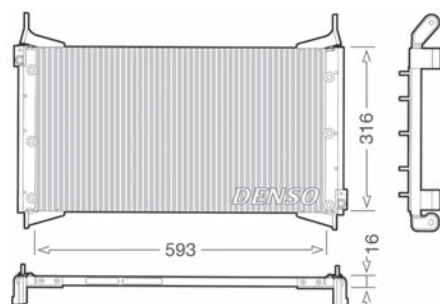
DCN09015

FIAT BRAVO 1.4/1.6/BRAVA 1.4/1.6/ MAREA 1.6 BERL.



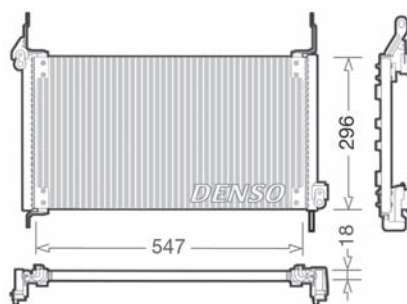
DCN09012

FIAT BRAVO/A 1,2 16V - MAREA 1,2 16V BERL.



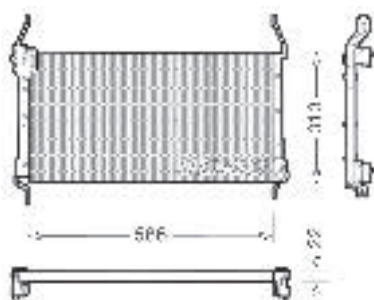
DCN09016

FIAT BRAVO/A 1.9 JTD - MAREA 1.9 JTD BERL.



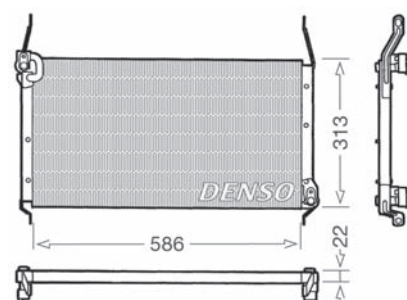
DCN09013

FIAT BRAVO/A - MAREA



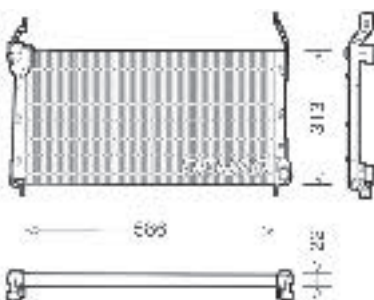
DCN09017

FIAT BRAVO/A 1.9 TD - MAREA 1.9 TD BERL.



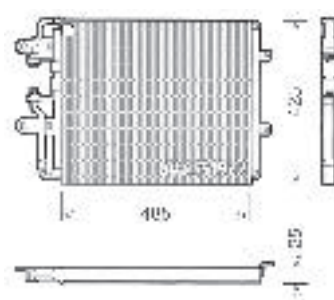
DCN09014

FIAT BRAVO/A 1.4/1.6 - MAREA 1.6 BERL.U"



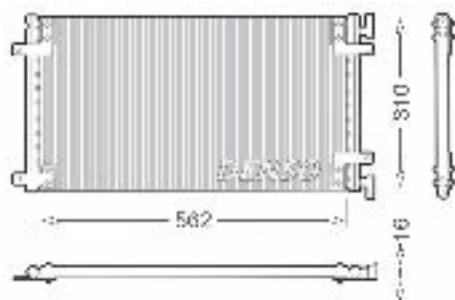
DCN09030

FIAT CROMA 1.9TD / 2.0IE - LANCIA THEMA 2.0IE



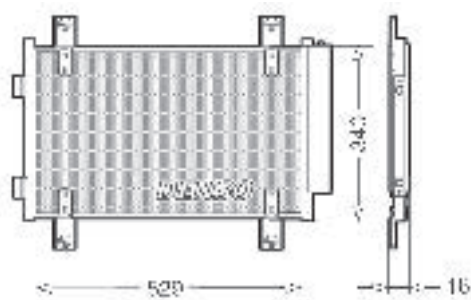
DCN09040

FIAT DOBLO` 1.2/ 1.6 16V



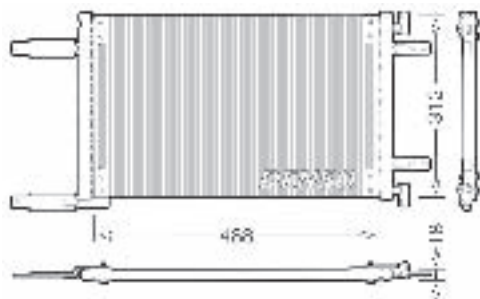
DCN09049

FIAT - CITROEN - PEUGEOT WITH SEALED DFD



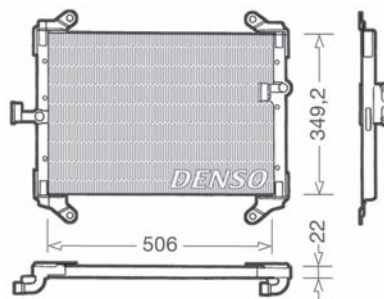
DCN09041

FIAT DOBLO` 1.9 DIESEL



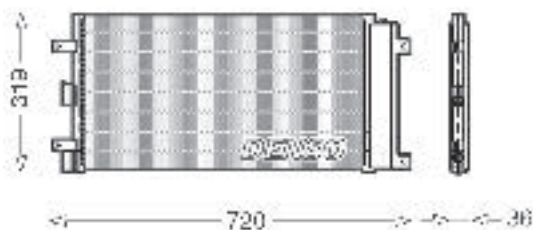
DCN09050

FIAT DUCATO II/ DUCATO REST. CITROEN JUMPER



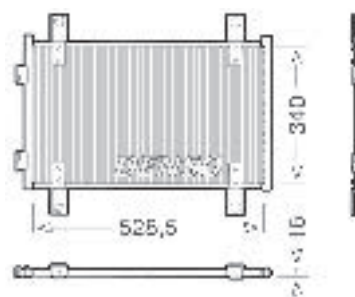
DCN09042

FIAT DOBLO` 1.4I / 1.6 I



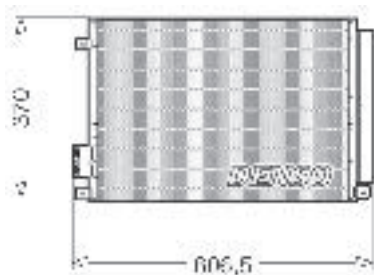
DCN09051

FIAT DUCATO REST. 2.0 / 2.0JTD / 2.3JTD / 2.8JTD



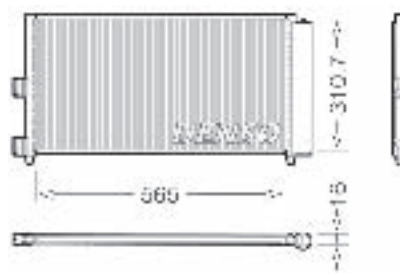
DCN09045

FIAT 500 WITH SEALED DFD



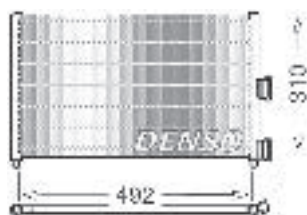
DCN09070

FIAT PUNTO / IDEA - LANCIA YPSILON



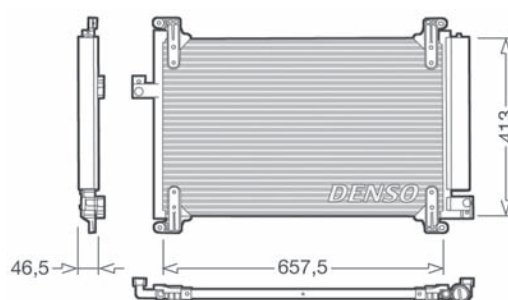
DCN09071

FIAT PUNTO II / IDEA - LANCIA MUSA



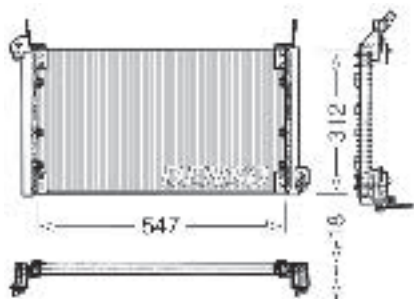
DCN09083

FIAT MULTIPLA 1.6 '04-->



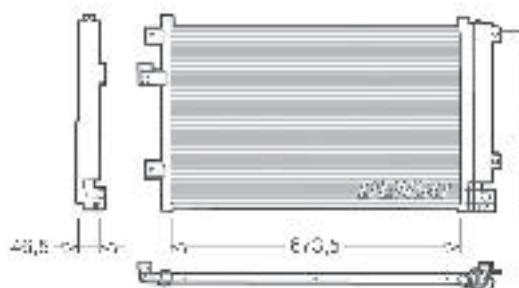
DCN09080

FIAT MULTIPLA 100 1.6 16V



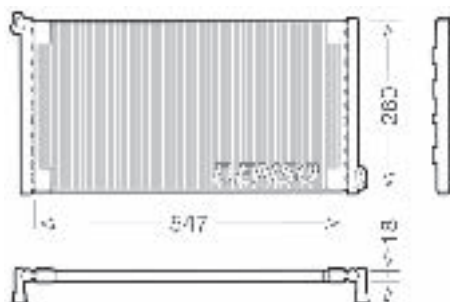
DCN09084

FIAT MULTIPLA 1.9 JTD '04-->



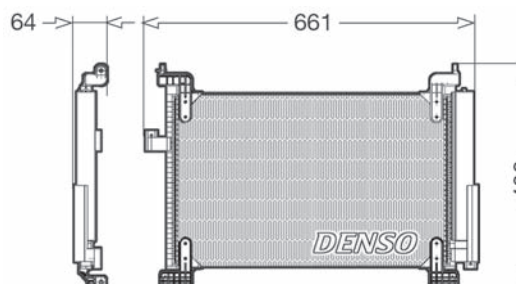
DCN09081

FIAT MULTIPLA 100 1.6 16V



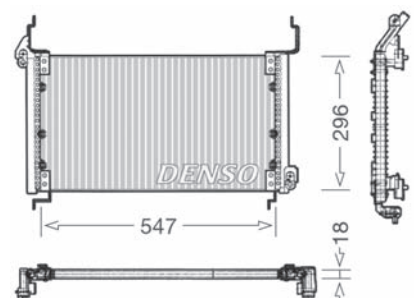
DCN09085

FIAT MULTIPLA 1.9 JTD '05--> WITH SEALED DFD



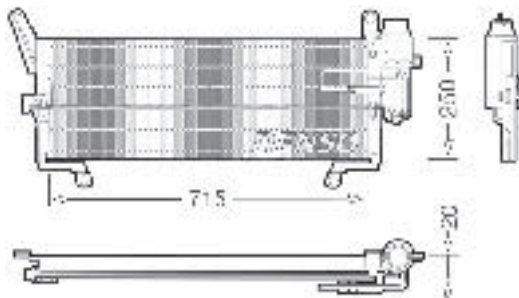
DCN09082

FIAT MULTIPLA 105/110 JTD



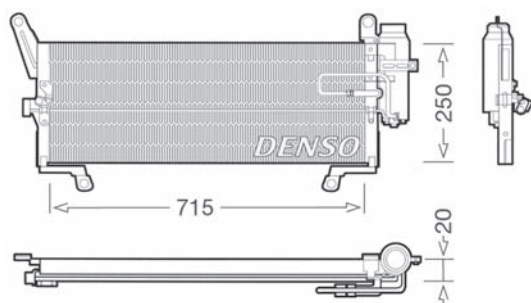
DCN09090

FIAT PUNTO 55 / 55 6 SPEED / 60 / 75



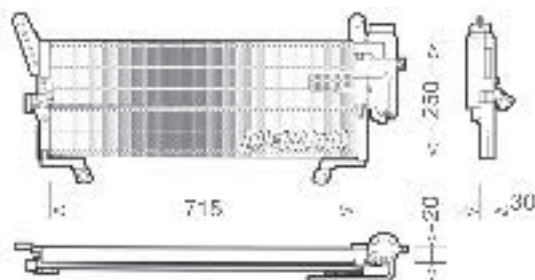
DCN09091

FIAT PUNTO 55 / 55 6 SPEED / 60 / 75



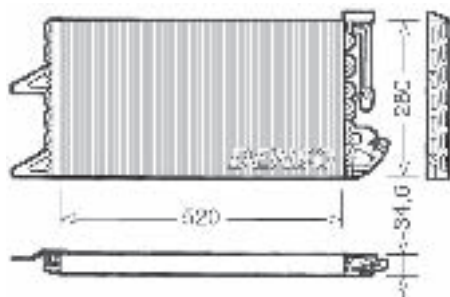
DCN09095

FIAT PUNTO 90 / 90 CABRIO



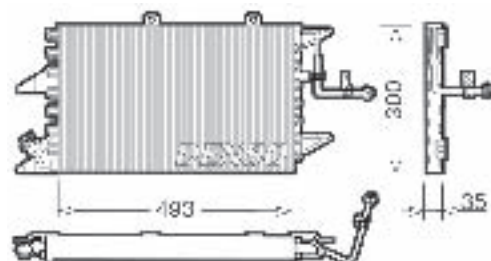
DCN09092

LANCIA YPSILON 1.1/1.2 I - FIAT PUNTO 55/60/75/85



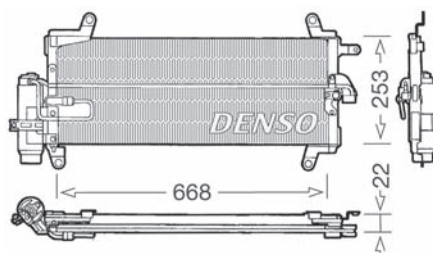
DCN09096

FIAT PUNTO GT



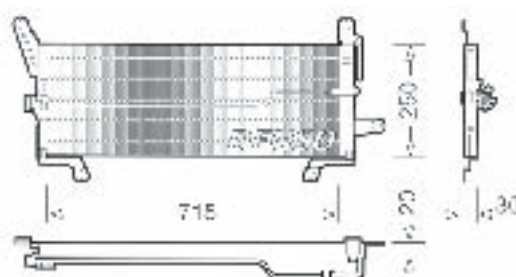
DCN09093

FIAT PUNTO 60 CABRIO/ SELECTA- LANCIA YPSILON 1.2



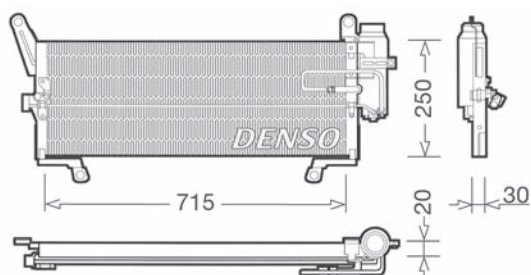
DCN09097

FIAT PUNTO TD 60



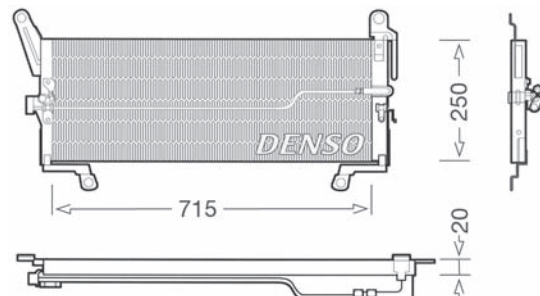
DCN09094

FIAT PUNTO 85 16V / 90 / CABRIO 16V



DCN09098

FIAT PUNTO TD 60 / TD 70



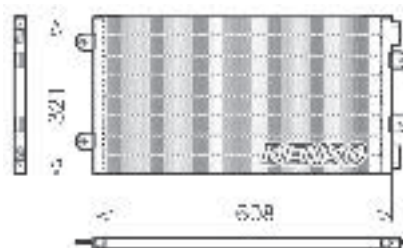
DCN09100

FIAT PUNTO 1.2/ 1.2 16V



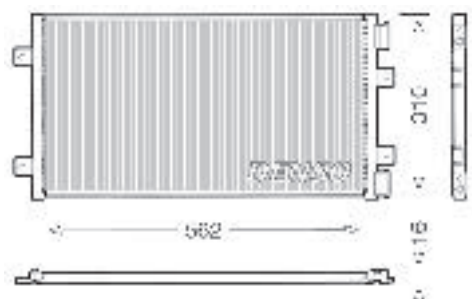
DCN09104

FIAT PUNTO II



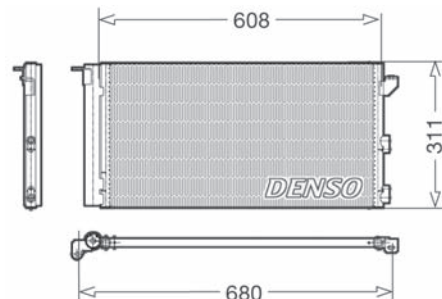
DCN09101

FIAT PUNTO 1.2/ 1.2 16V



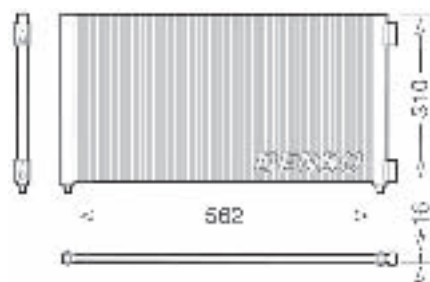
DCN09105

FIAT PANDA



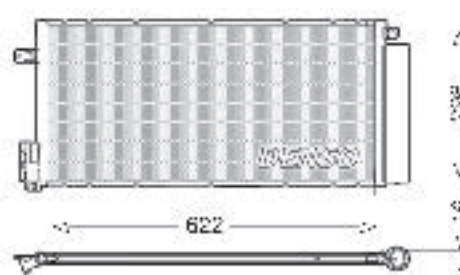
DCN09102

FIAT DOBLO* 1.9 JTD - PUNTO 1.2/1.2 16V



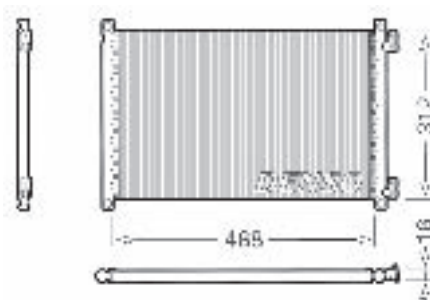
DCN09110

FIAT GRANDE PUNTO OPEL CORSA WITH SEALED DFD



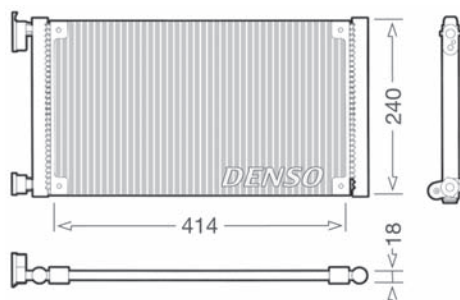
DCN09103

FIAT PUNTO 1.8/1.9 D/JTD - PUNTO 1.8/ 1.9JTD



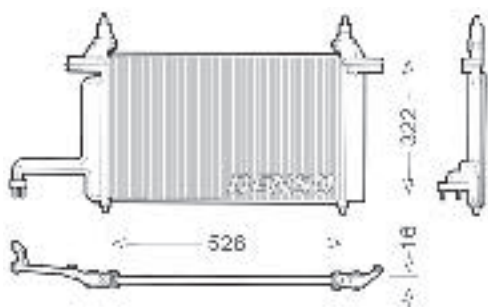
DCN09120

FIAT SEICENTO 1.1 SUITE/ SPORTING



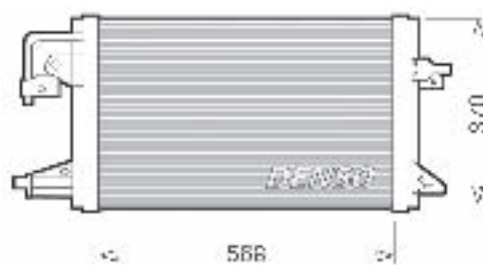
DCN09130

FIAT STILO



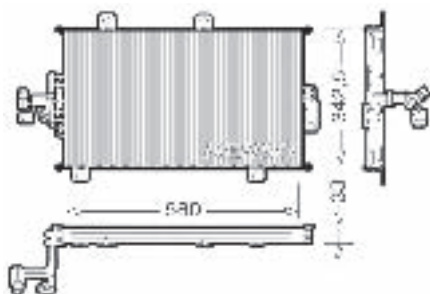
DCN10001

FORD ESCORT V / VI - ORION III



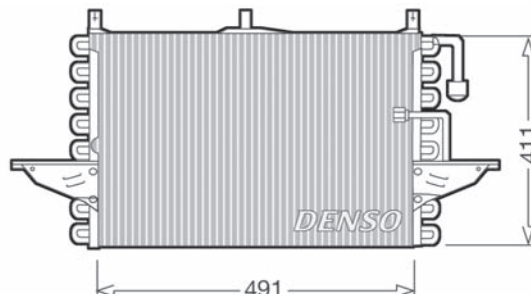
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ALFA ROMEO 155 - FIAT TIPO/TEMPRA LANCIA DEDRA/DELTA



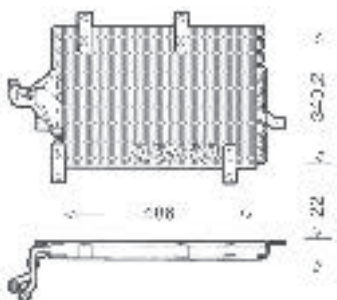
DCN10002

FORD SIERRA III ('88-'93)



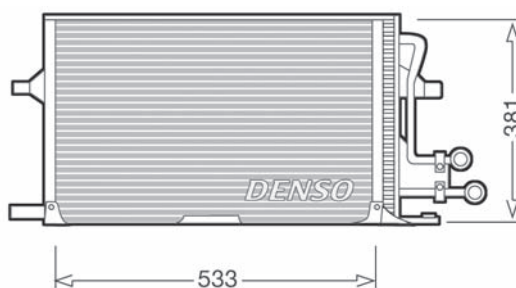
DCN09141

FIAT TEMPRA 1.4/ 1.6/ 1.6 SELECTA/ 1.8/ 2.0



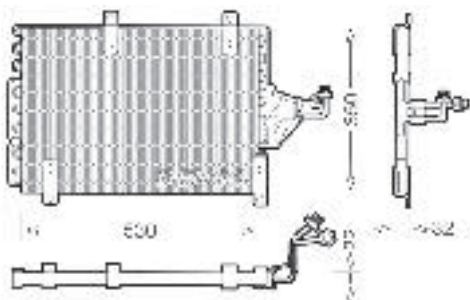
DCN10003

FORD MONDEO '93-->



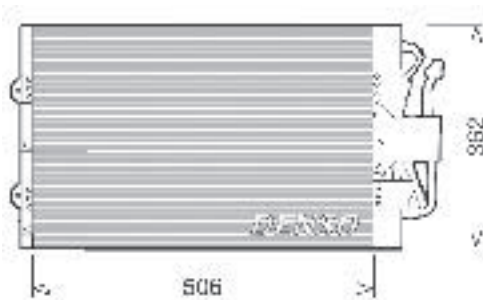
DCN09143

ALFA ROMEO 145/155 FIAT TEMPRA LANCIA DEDRA/DELTA



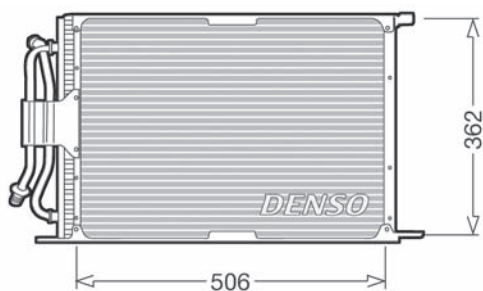
DCN10004

FORD FIESTA '95-->



DCN10005

FORD FIESTA IV - PUMA



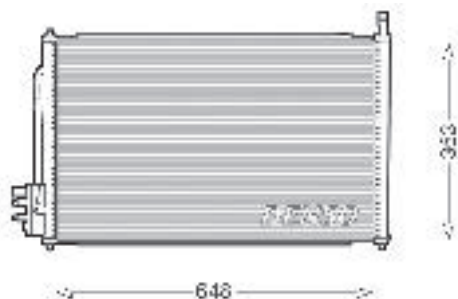
DCN10010

FORD TRANSIT ('94-'96)



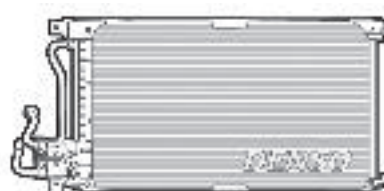
DCN10006

FORD FOCUS



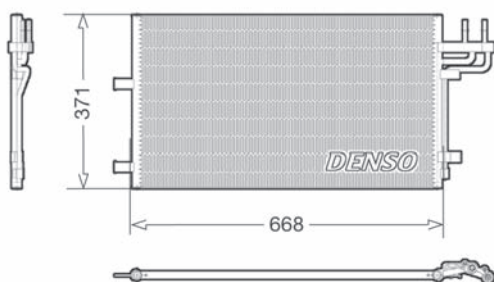
DCN10011

FORD TRANSIT ('98-'99)



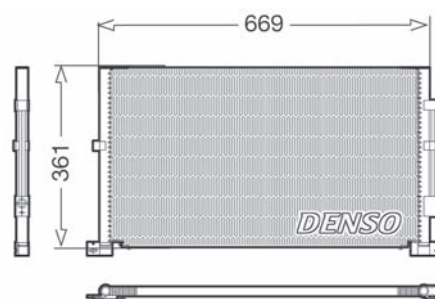
DCN10007

FORD FOCUS - FOCUS C-MAX



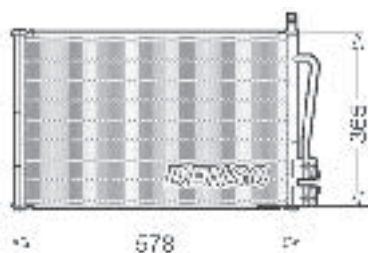
DCN10012

FORD MONDEO III



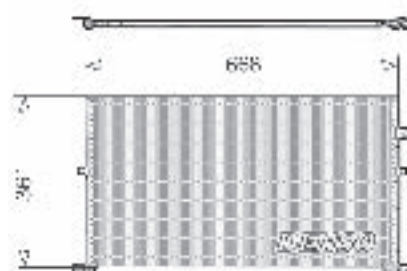
DCN10008

FORD FIESTA V - FUSION



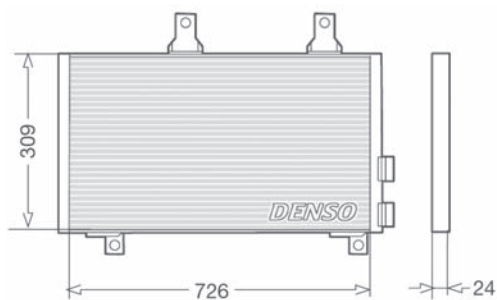
DCN10013

FORD MONDEO III



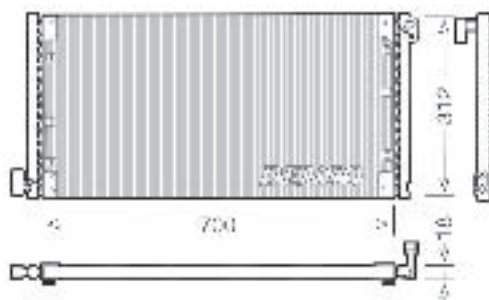
DCN11003

JAGUAR XJ / XJS



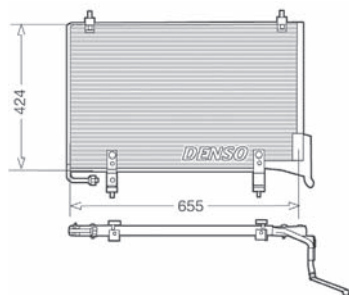
DCN12001

IVECO DAILY S 2000 D / TD



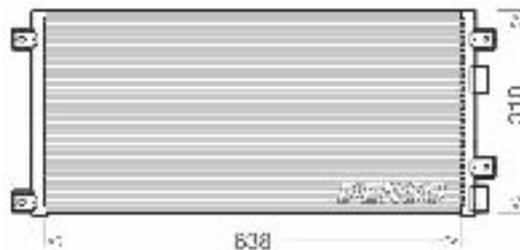
DCN11004

JAGUAR XJ / XJ6



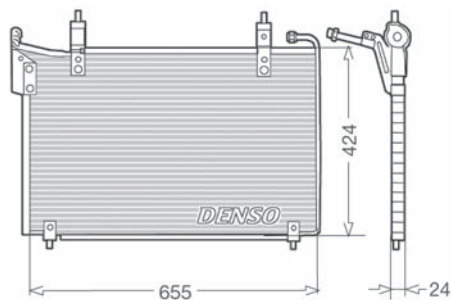
DCN12002

IVECO DAILY S 2000 D / TD (2003-)



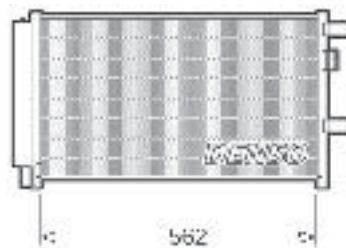
DCN11005

JAGUAR X-TYPE / XJ6 / XJR



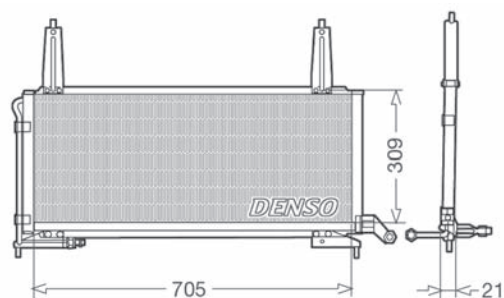
DCN12003

IVECO DAILY S 2000 (2004-)



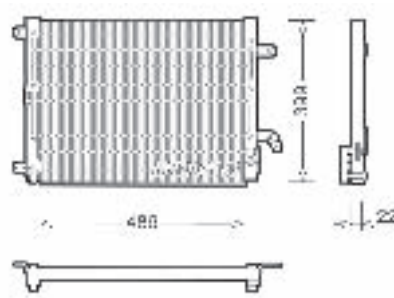
DCN11006

JAGUAR XJS 4.0 L



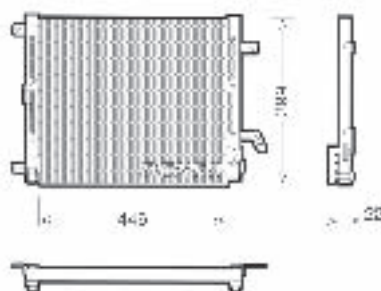
DCN13001

LANCIA KAPPA / KAPPA R98



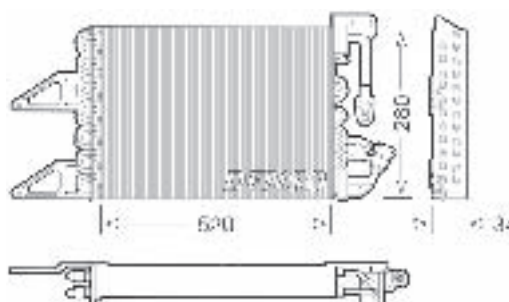
DCN13002

LANCIA KAPPA 2.0 IE 16V T / KAPPA R98 2.0 I 20V T



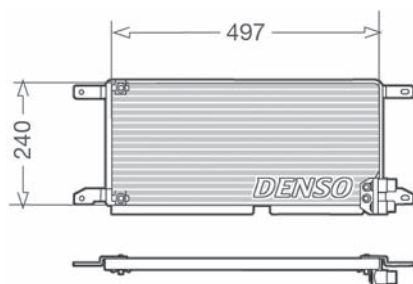
DCN13012

LANCIA YPSILON 1.2 I 16V + ELEF. BLU / YPSILON '00



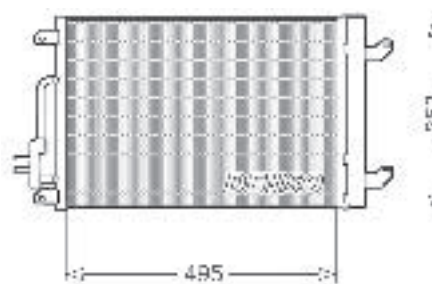
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LANCIA Y10



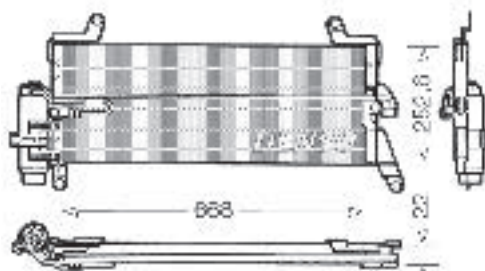
DCN13015

LANCIA LYBRA



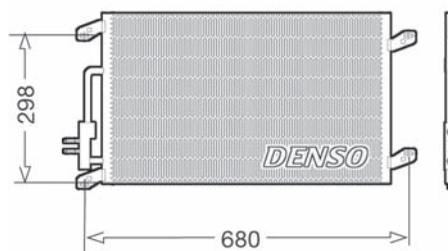
DCN13010

LANCIA YPSILON 1.2 I / 1.4 I



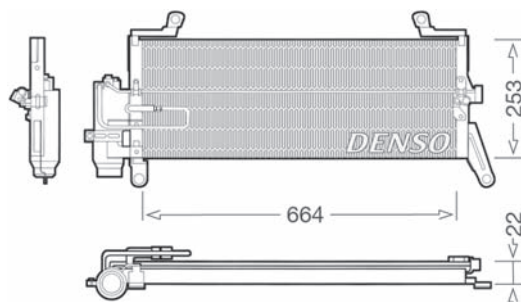
DCN13016

LANCIA LYBRA



DCN13011

LANCIA YPSILON



DCN13110

ALFA ROMEO MITO - LANCIA NEW DELTA

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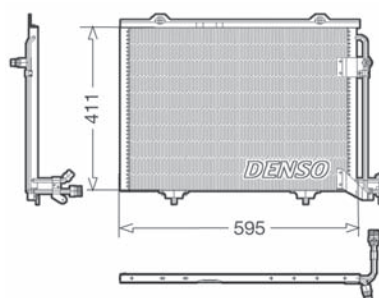
DCN16001

MCC SMART

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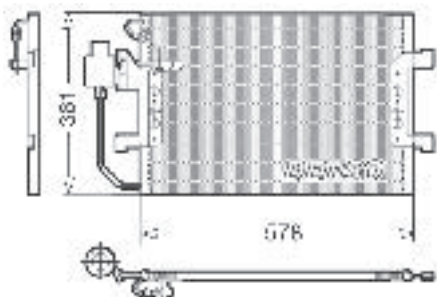
DCN17011

MERCEDES W202 C-CLASS - C208 CLK - W210 E-CLASS - SLK



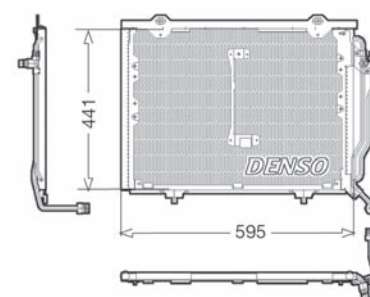
DCN17001

MERCEDES W168 A-CLASS



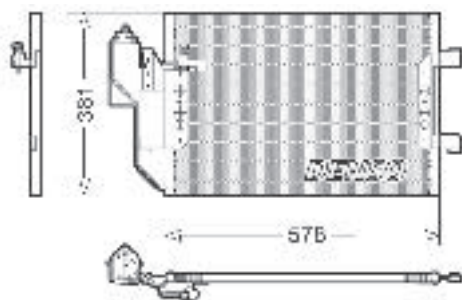
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MERCEDES W202 C-CLASS - W208 KOMPRESSOR



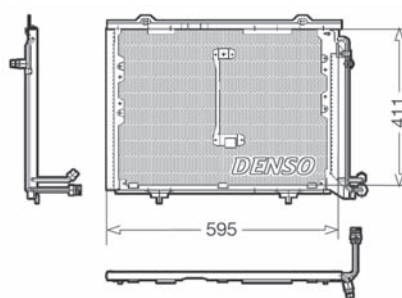
DCN17002

MERCEDES W168 A-CLASS



DCN17013

MERCEDES W202 C-CLASS - W210 E-CLASS



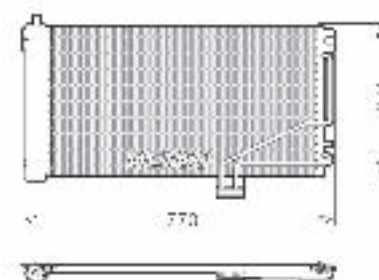
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MERCEDES BR204 C-CLASS

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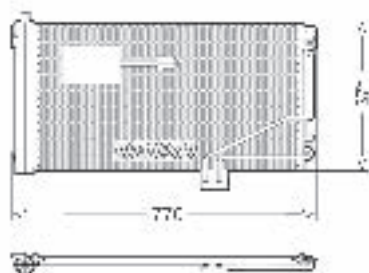
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MERCEDES C203 - S203 - W203 C-CLASS



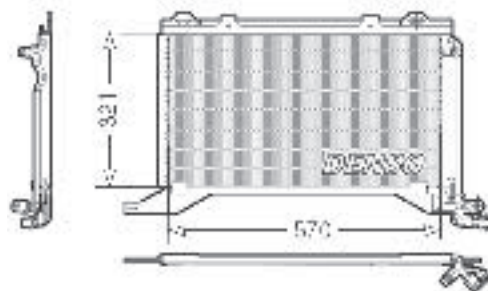
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MERCEDES C203 - S203 - W203 C-CLASS



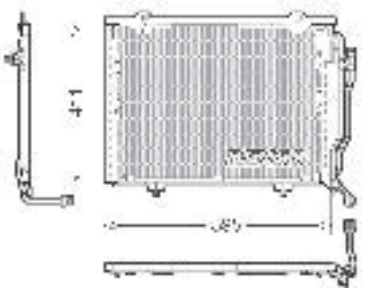
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MERCEDES W210 E CLASS



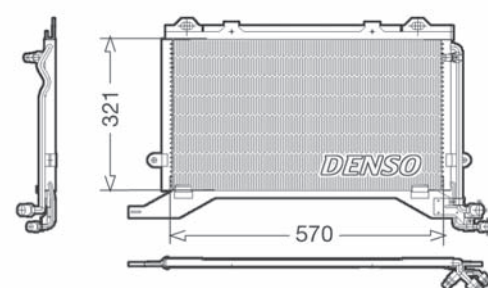
DCN17016

MERCEDES W202 C CLASS



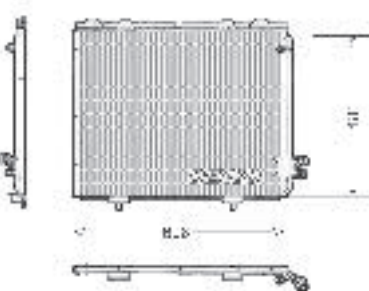
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MERCEDES W210 E CLASS



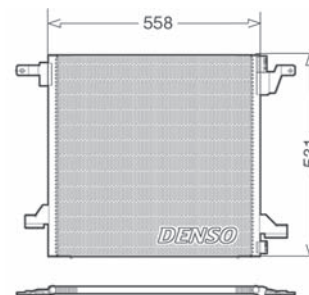
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MERCEDES W210 E CLASS



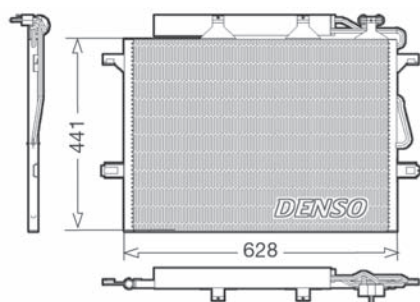
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MERCEDES W163 ML CLASS



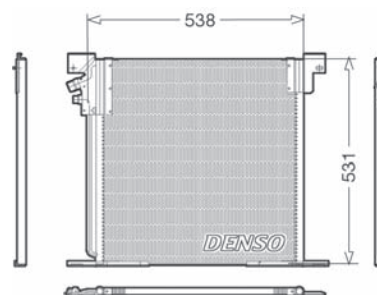
DCN17018

MERCEDES W211 - S211 E CLASS



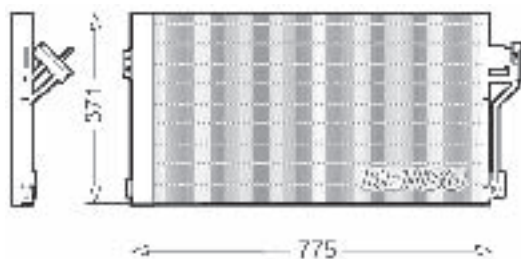
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MERCEDES V368 V CLASS - V638 VITO



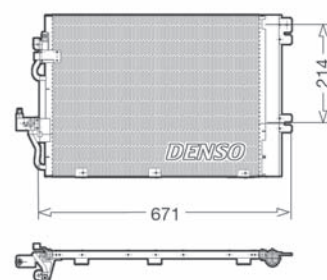
DCN17050

MERCEDES V639 VIANO - VITO



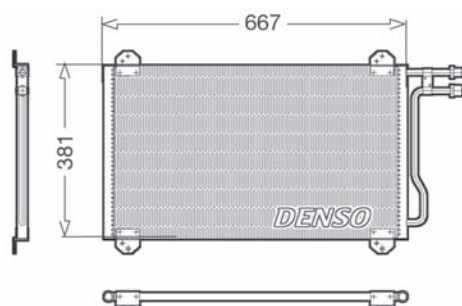
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OPEL ASTRA H - ZAFIRA II



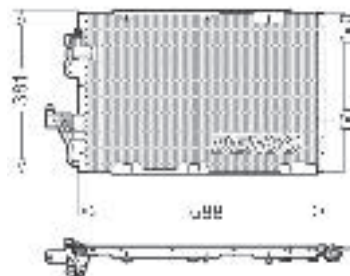
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MERCEDES SPRINTER



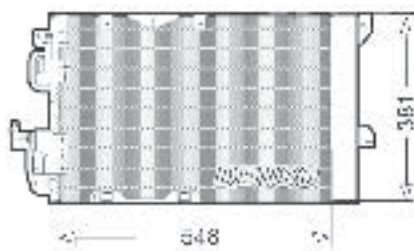
DCN20010

OPEL ASTRA H - ZAFIRA II



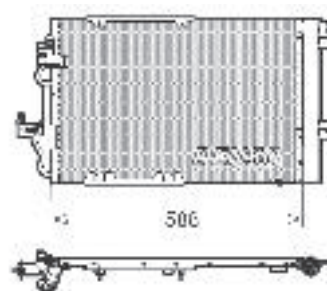
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OPEL ASTRA G - ZAFIRA



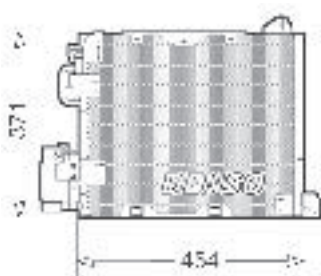
DCN20011

OPEL ASTRA H



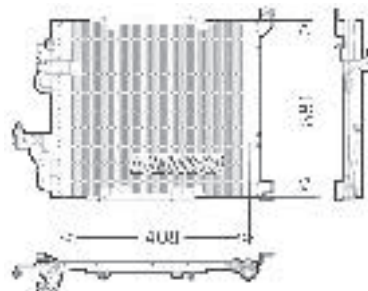
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OPEL ASTRA G - ZAFIRA



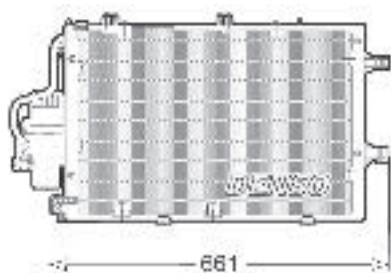
DCN20012

OPEL ASTRA H



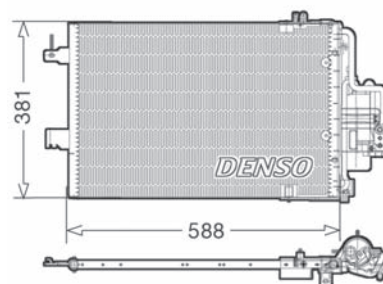
DCN20015

OPEL CORSA C - COMBO - COMBO TOUR (PETROL)



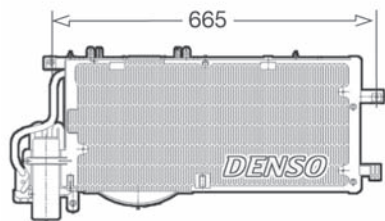
DCN20021

OPEL CORSA C - TIGRA



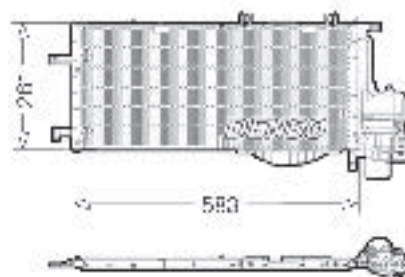
DCN20016

OPEL CORSA C - COMBO - COMBO TOUR (DIESEL)



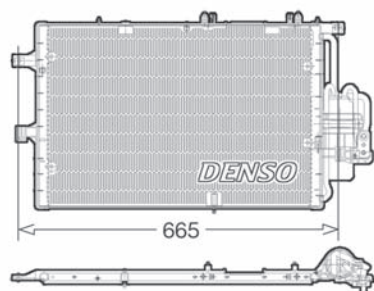
DCN20022

OPEL CORSA C - TIGRA - COMBO - COMBO TOUR



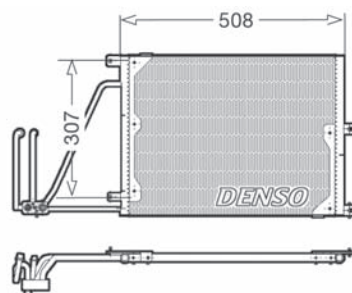
DCN20017

OPEL CORSA C - COMBO - COMBO TOUR (DIESEL)



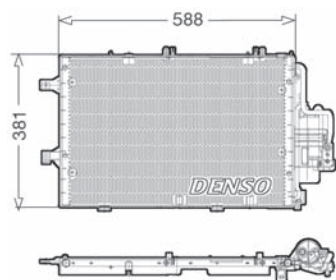
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OPEL VECTRA B



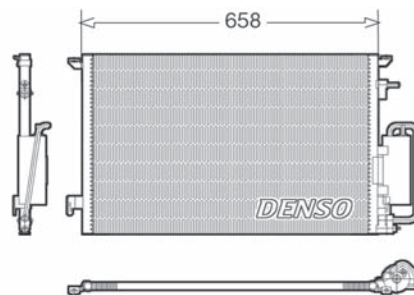
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OPEL CORSA C - TIGRA TWINTOP - COMBO



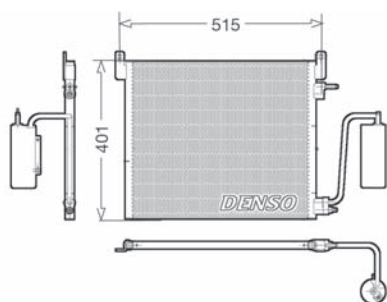
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OPEL SIGNUM - SIGNUM B - VECTRA C



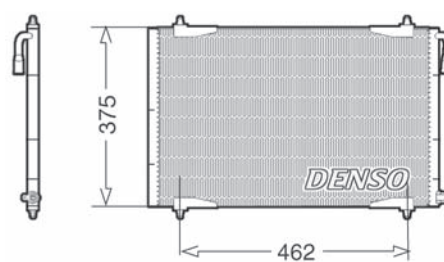
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OPEL SIGNUM - SIGNUM B - VECTRA C



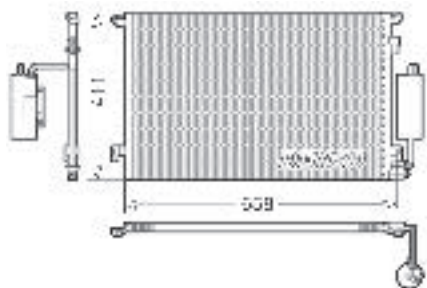
DCN21006

PEUGEOT 206 - 206 CC - 206 SW



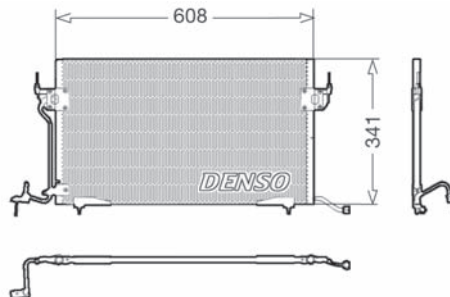
DCN20034

OPEL SIGNUM - VECTRA C



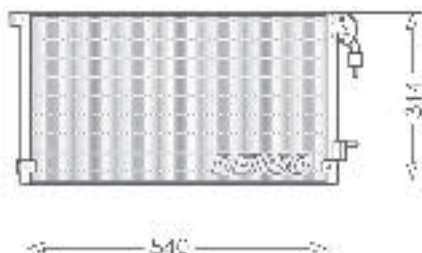
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PEUGEOT 306 - PARTNER - RANCH - CITROEN XSARA - ZX - BERLINGO



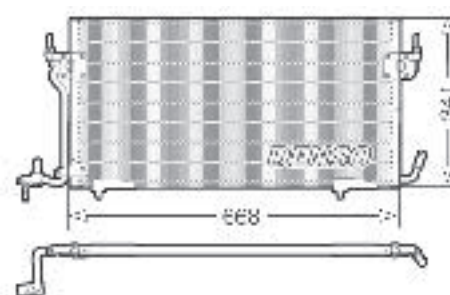
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PEUGEOT 106



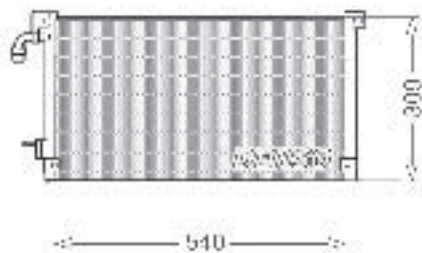
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PEUGEOT 306 - CITROEN XSARA



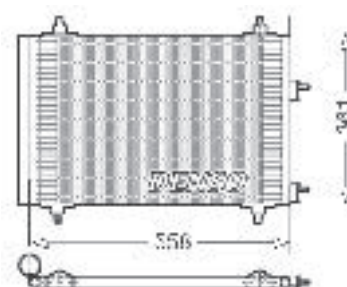
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CITROEN SAXO / PEUGEOT 106



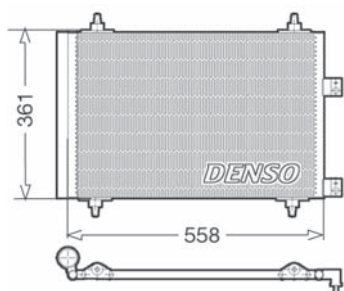
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PEUGEOT 307



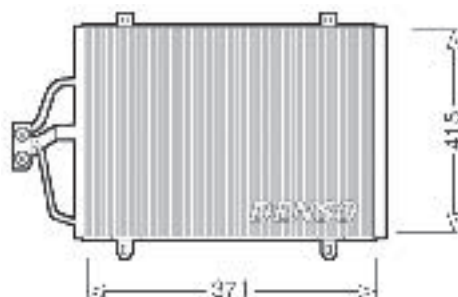
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PEUGEOT 307



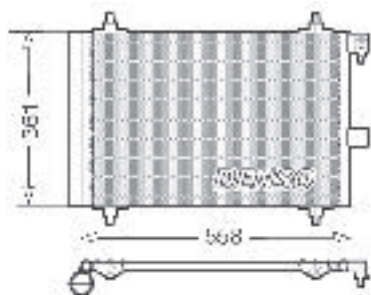
DCN23003

RENAULT MEGANE / MEGANE SCENIC



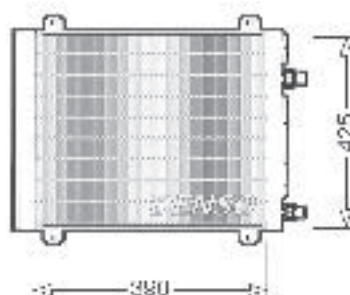
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PEUGEOT 406 - 607 - CITROEN XSARA



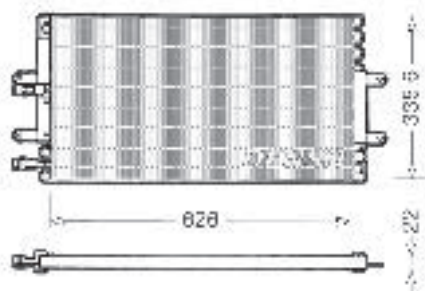
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RENAULT TWINGO



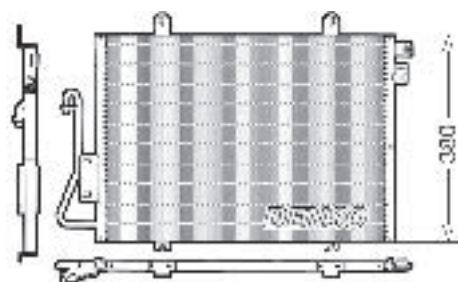
DCN23001

RENAULT ESPACE III 2.2 TDI



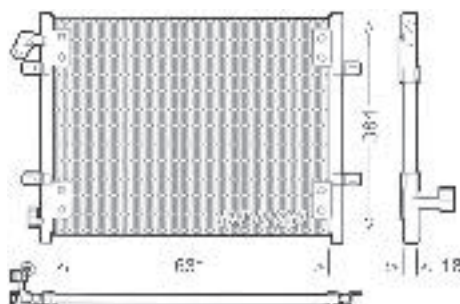
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RENAULT CLIO II



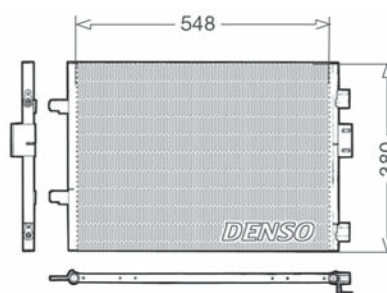
DCN23002

RENAULT ESPACE IV 2.0



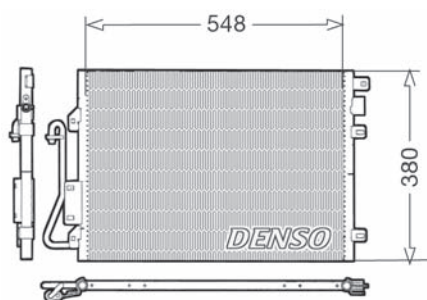
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RENAULT CLIO II



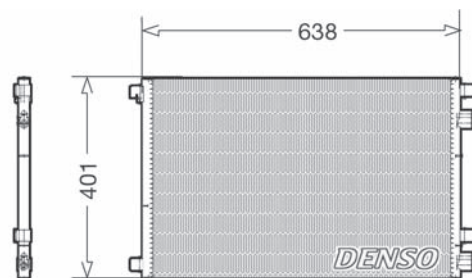
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RENAULT CLIO II - KANGOO - KANGOO EXTRA



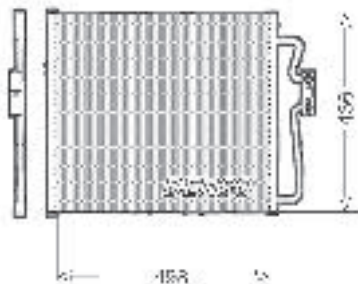
DCN23012

RENAULT MEGANE II - SCENIC II



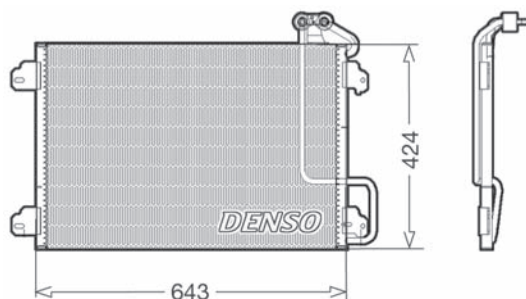
DCN23009

RENAULT KANGOO



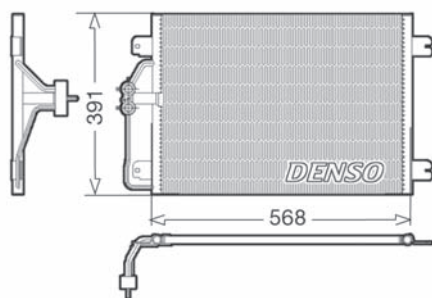
DCN23013

RENAULT MEGANE SCENIC



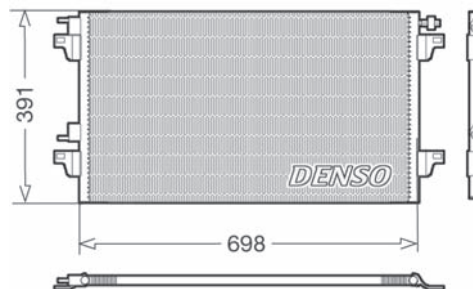
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RENAULT MEGANE SCENIC



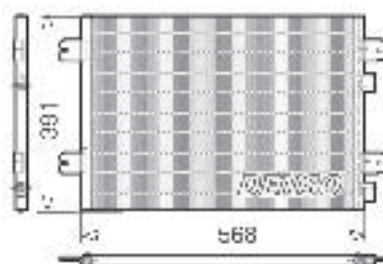
DCN23015

RENAULT LAGUNA II



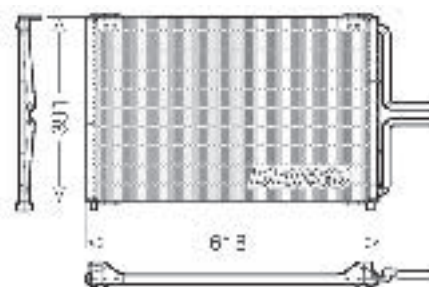
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RENAULT MEGANE - MEGANE SCENIC



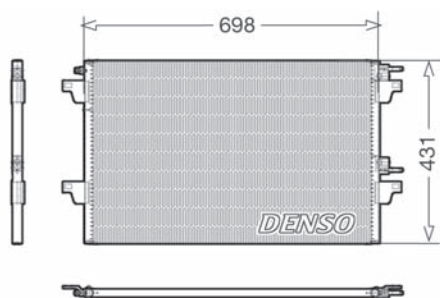
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RENAULT ESPACE III - LAGUNA



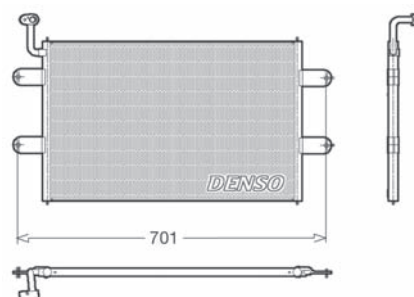
DCN23021

RENAULT ESPACE IV



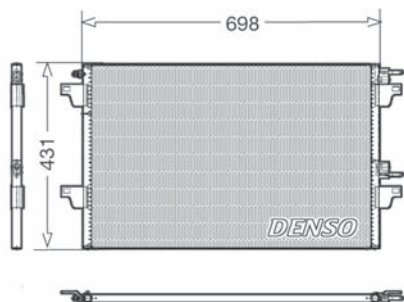
DCN27003

SEAT CORDOBA - IBIZA



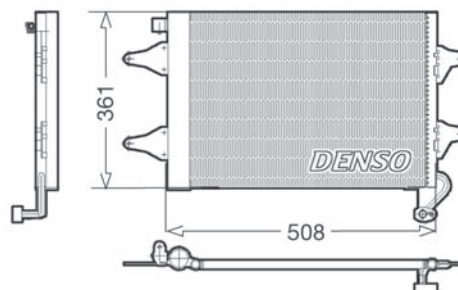
DCN23022

RENAULT ESPACE IV



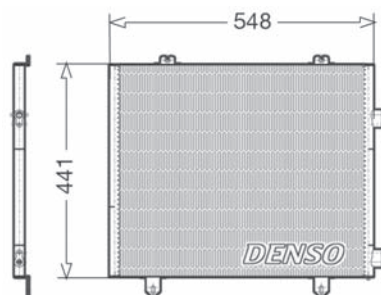
DCN27004

SEAT CORDOBA - IBIZA - SKODA FABIA - ROOMSTER - VOLKSWAGEN FOX - POLO



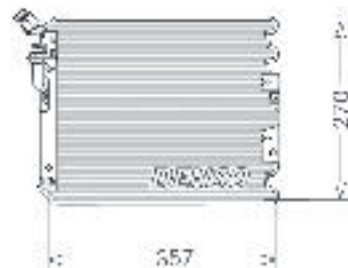
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RENAULT MASCOTT



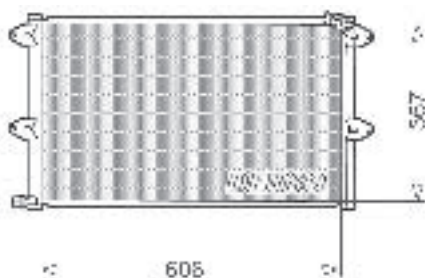
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PORSCHE 911



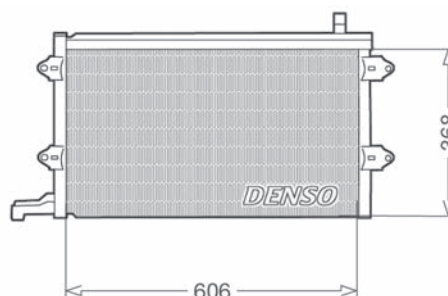
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SEAT IBIZA II / INCA VOLKSWAGEN POLO II



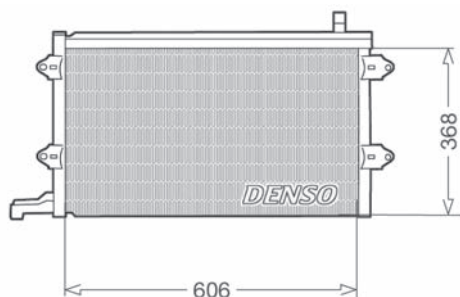
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VOLKSWAGEN GOLF A5 (350)



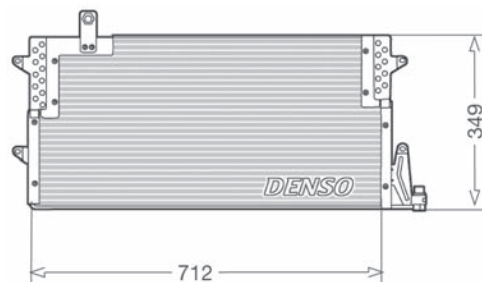
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VOLKSWAGEN GOLF III / VENTO



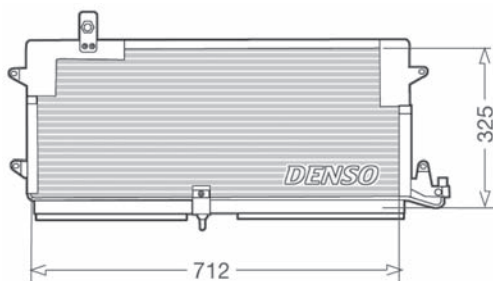
DCN32007

VOLKSWAGEN PASSAT IV SYNCRO



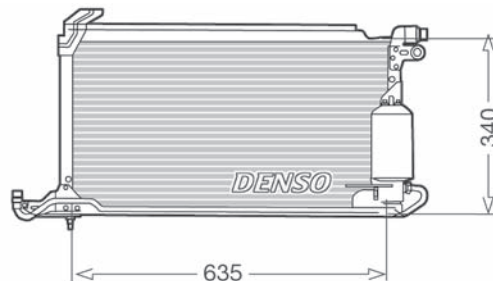
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VOLKSWAGEN PASSAT III



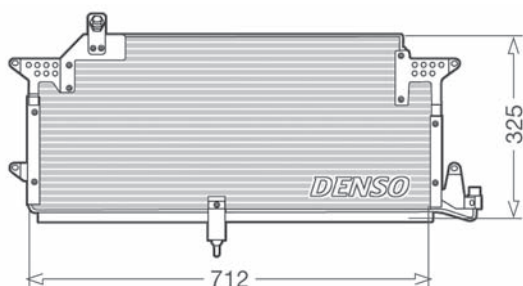
DCN32009

VOLKSWAGEN CORRADO



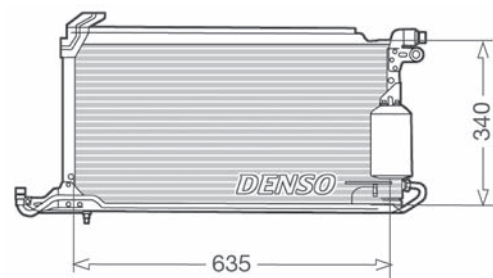
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VOLKSWAGEN PASSAT III



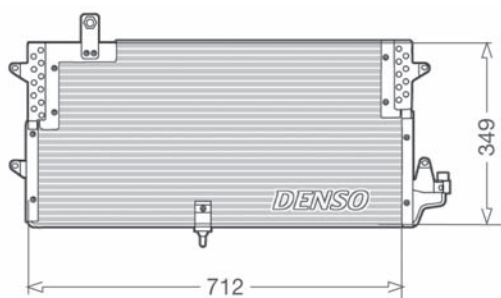
DCN32010

VOLKSWAGEN CORRADO



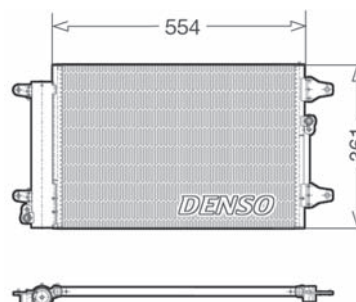
DCN32006

VOLKSWAGEN PASSAT III



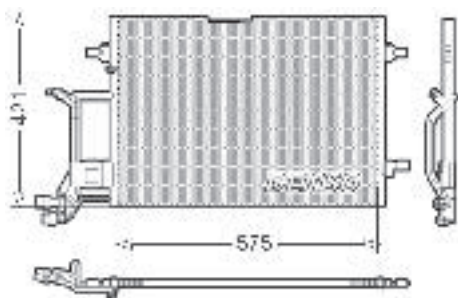
DCN32015

FORD GALAXY - SEAT ALHAMBRA VOLKSWAGEN SHARAN



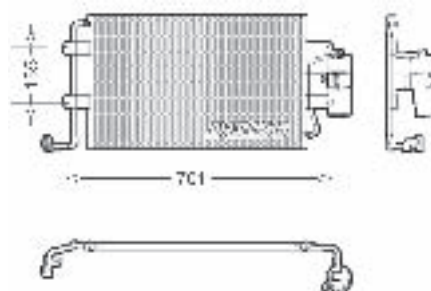
DCN32016

AUDI A4 - VOLKSWAGEN PASSAT



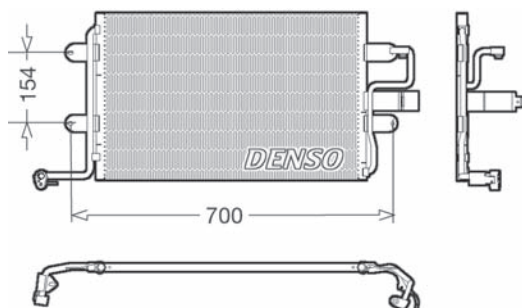
DCN32025

VOLKSWAGEN BETTLE



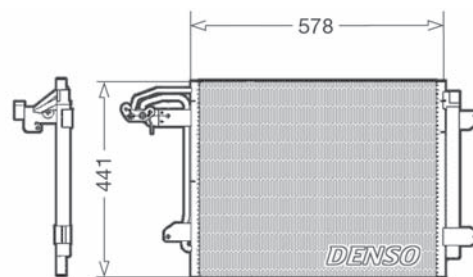
DCN32017

AUDI A3 - TT - SEAT LEON - TOLEDO - SKODA OCTAVIA - VOLKSWAGEN BORA - GOLF IV - BETTLE



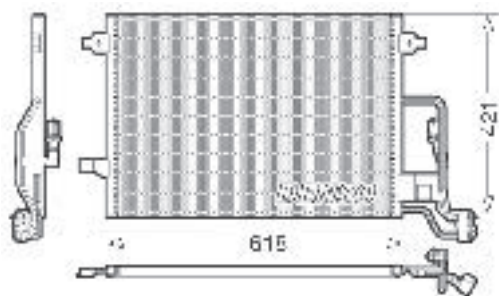
DCN32030

VOLKSWAGEN TOURAN - CADDY



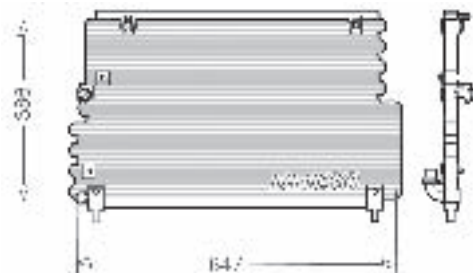
DCN32018

SKODA SUPERB - VOLKSWAGEN PASSAT



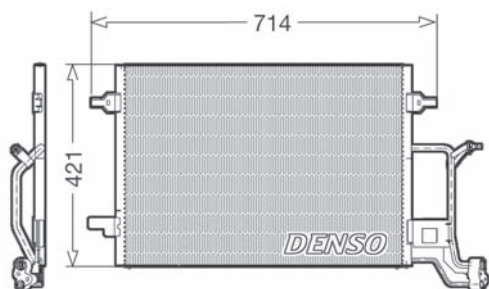
DCN33004

VOLVO 440 / 460 / 480



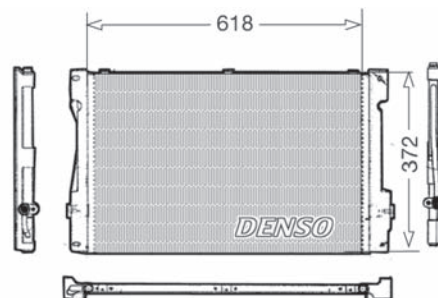
DCN32019

AUDI A4 - VOLKSWAGEN PASSAT



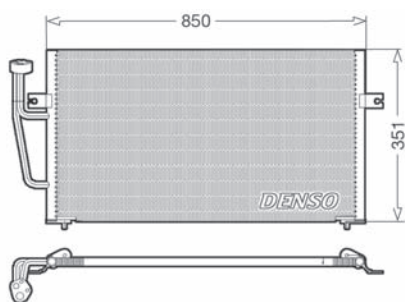
DCN33006

VOLVO 850 - C70 - S70 - V70



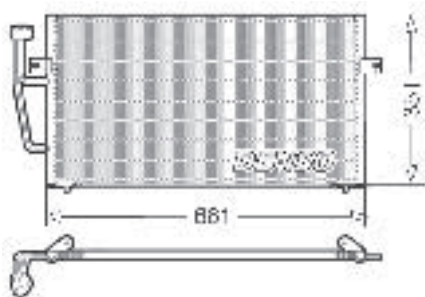
DCN33007

VOLVO S40 - V40



DCN33008

VOLVO S40 - V40



Vehicle Manufacturer	DENSO Partnumber	VM Partnumber
ALFA ROMEO	DCN09142	46417426
ALFA ROMEO	DCN01010	46814850
ALFA ROMEO	DCN01011	46842842
ALFA ROMEO	DCN13110	51826520
ALFA ROMEO	DCN01001	60610662
ALFA ROMEO	DCN01022	60626234
ALFA ROMEO	DCN01002	60630383
ALFA ROMEO	DCN01021	60630547
ALFA ROMEO	DCN01016	60668109
ALFA ROMEO	DCN09140	60806454
ALFA ROMEO	DCN01001	60807597
ALFA ROMEO	DCN09143	60810250
ALFA ROMEO	DCN09143	60811595
ALFA ROMEO	DCN01020	60813978
ALFA ROMEO	DCN01012	46768973 - 7736379
ALFA ROMEO	DCN01023	60657491 / 60604153
AUDI	DCN32017	1J0820413D - 1J0820413L
AUDI	DCN32017	1J0820413L - 1J0820413N
AUDI	DCN02014	4B0260403R
AUDI	DCN02015	4B0260403S
AUDI	DCN02013	4B0260403T
AUDI	DCN02017	4F0260401E / 4F0260403E
AUDI	DCN02010	8A0260403AC / 401 AC
AUDI	DCN32019	8D0260403G
AUDI	DCN32016	8D0260403H
AUDI	DCN02020	8E0260401K
AUDI	DCN02018	8E0260401Q
AUDI	DCN02018	8E0260401Q / E / H / L
AUDI	DCN02019	8E0260401R
AUDI	DCN02011	8E0260403B
AUDI	DCN02012	8E0260403D
AUDI	DCN02009	8Z0260403D
BMW	DCN05008	17113400400
BMW	DCN05018	64508379885
BMW	DCN05017	64508381362
BMW	DCN05010	64536914033
BMW	DCN05002	64538367946
BMW	DCN05002	64538369105
BMW	DCN05002	64538373004
BMW	DCN05019	64538373924
BMW	DCN05006	64538375513
BMW	DCN05004	64538377614
BMW	DCN05003	64538377648
BMW	DCN05005	64538378438
BMW	DCN05007	64538378439
BMW	DCN05002	64538390250
BMW	DCN05019	64538391126
BMW	DCN05002	64538391406
BMW	DCN05015	64538391647
BMW	DCN05002	64538398181
BMW	DCN05002	64538367946 - 64538390250
BMW	DCN05002	64538369105 - 64538391406
BMW	DCN05009	64538381543 / 64536914216
BMW MINI	DCN05101	64531490572
BMW MINI	DCN05100	64536918597
CITROEN	DCN09049	1347842080
CITROEN	DCN07005	6453FH - 6453FP
CITROEN	DCN21004	6455.AG / Z1/ Z7 - 96418281
CITROEN	DCN07007	6455.AL - 9635759480
CITROEN	DCN07007	6455.AL / 6455.CZ
CITROEN	DCN21010	6455AV - 6455V9 - 6455R0
CITROEN	DCN21011	6455AW - 6455W2
CITROEN	DCN21025	6455CP - 6455CQ 6455AS
CITROEN	DCN07009	6455CV - 6455CVAT - 6455Y9
CITROEN	DCN07019	6455CX - 6455AA
CITROEN	DCN07008	6455CY - 6455EW
CITROEN	DCN07050	6455EP
CITROEN	DCN09050	6455T3
CITROEN	DCN07004	6455V0
CITROEN	DCN07060	6455V8
CITROEN	DCN07010	6455Y2

Vehicle Manufacturer	DENSO Partnumber	VM Partnumber
CITROEN	DCN07010	6455Y3
CITROEN	DCN07010	6455Y4
CITROEN	DCN07010	6455Y5
CITROEN	DCN07010	6455Y6
FIAT	DCN09140	7618916
FIAT	DCN09090	7755110
FIAT	DCN09097	7770584
FIAT	DCN09143	7773819
FIAT	DCN09141	7773820
FIAT	DCN09013	7774281
FIAT	DCN09095	7787104
FIAT	DCN09001	7790646
FIAT	DCN09096	7796605
FIAT	DCN09017	46406321
FIAT	DCN09014	46428863
FIAT	DCN09098	46431787
FIAT	DCN09091	46431789
FIAT	DCN09093	46432041
FIAT	DCN09094	46432043
FIAT	DCN09092	46479313
FIAT	DCN09010	46527737
FIAT	DCN09012	46531708
FIAT	DCN09015	46532988
FIAT	DCN09080	46547673
FIAT	DCN09082	46547675
FIAT	DCN09130	46723450
FIAT	DCN09002	46735394
FIAT	DCN09041	46736891
FIAT	DCN09100	46745054
FIAT	DCN09016	46754472
FIAT	DCN09100	46788049
FIAT	DCN09103	46788052
FIAT	DCN09101	46799862
FIAT	DCN09040	46803033
FIAT	DCN09011	46809637
FIAT	DCN09081	46818519
FIAT	DCN09070	46820833
FIAT	DCN09102	46821270
FIAT	DCN09071	51708909
FIAT	DCN09070	51732993
FIAT	DCN09083	51751384
FIAT	DCN09085	51751451
FIAT	DCN09045	51786211
FIAT	DCN09300	51787345
FIAT	DCN09110	55700408
FIAT	DCN01002	60813793
FIAT	DCN09030	82475739
FIAT	DCN09110	557004080
FIAT	DCN09050	1312857080
FIAT	DCN09051	1340166080
FIAT	DCN09104	46787687 - 46829340
FIAT	DCN09105	46798100 - 51767143
FIAT	DCN09105	46798100 - 51767145
FIAT	DCN09120	46799740 - 46519307
FIAT	DCN09070	46820833 - 51804991
FIAT	DCN09042	518018430 - 517588730
FORD	DCN10003	1022447
FORD	DCN32015	1108838
FORD	DCN10011	1120156
FORD	DCN10005	1138510
FORD	DCN10010	6992616
FORD	DCN10006	1086354 - 1136949
FORD	DCN10006	1086354 - XS4H 19710 AC/BA
FORD	DCN10001	1127107 - 93AW19710AC
FORD	DCN10012	1142333 - 1232914
FORD	DCN10008	1146195 - 1254203 - 1142771
FORD	DCN10013	1311098 - 1232915 - 1152429
FORD	DCN10007	1335552 - 1234248
FORD	DCN32015	7M3820411A
FORD	DCN32015	7M3820411B - 7M3820411C
FORD	DCN32015	7M3820411D - 7M3820411E
FORD	DCN10002	89BG19710AA
FORD	DCN10003	93BW19710AG

Vehicle Manufacturer	DENSO Partnumber	VM Partnumber
FORD	DCN10005	96FW19710AD
FORD	DCN10004	
IVECO	DCN12001	99487944
IVECO	DCN12002	504022601
IVECO	DCN12003	504084147
IVECO	DCN12100	93194748 - 533770202
JAGUAR	DCN11004	CBC 9822 / CBC 9823
JAGUAR	DCN11003	CBC8541
JAGUAR	DCN11006	MHD 7390 BA
JAGUAR	DCN11005	MNA7390AA - MNA7392AA
LANCIA	DCN01020	7789218
LANCIA	DCN13002	7799352
LANCIA	DCN13010	46452494
LANCIA	DCN13016	46459581
LANCIA	DCN13016	46459582
LANCIA	DCN13016	46459583
LANCIA	DCN13016	46459584
LANCIA	DCN13016	46459586
LANCIA	DCN13016	46459587
LANCIA	DCN13011	46472575
LANCIA	DCN13012	46558107
LANCIA	DCN13015	51708843
LANCIA	DCN13001	82483933
LANCIA	DCN13009	284006203
MCC - SMART	DCN16001	MR568975
MERCEDES	DCN17022	1638300170
MERCEDES	DCN17001	1685000454
MERCEDES	DCN17002	1685000854
MERCEDES	DCN17012	2028300770
MERCEDES	DCN17013	2028300870
MERCEDES	DCN17011	2028300970
MERCEDES	DCN17016	2028301070
MERCEDES	DCN17014	2035000054
MERCEDES	DCN17014	2035000554
MERCEDES	DCN17014	2035000954
MERCEDES	DCN17014	2035001254
MERCEDES	DCN17019	2108300370
MERCEDES	DCN17017	2108300570
MERCEDES	DCN17018	2115001254
MERCEDES	DCN17030	6388350170
MERCEDES	DCN17050	6398350070
MERCEDES	DCN17055	9015000554
MERCEDES	DCN17015	2035000254 - 0654
MERCEDES	DCN17015	2035001054 - 1154 - 1354
MERCEDES	DCN17015	2035001054 - 1154 - 1355
OPEL	DCN20030	1850061
OPEL	DCN20032	1850076
OPEL	DCN20034	1850077
OPEL	DCN20033	1850084
OPEL	DCN20020	1850092
OPEL	DCN20022	1850093
OPEL	DCN20009	1850096
OPEL	DCN20011	1850097
OPEL	DCN20010	1850098
OPEL	DCN20012	1850099
OPEL	DCN20021	1850114
OPEL	DCN20006	1850056 - 1850058
OPEL	DCN20006	1850056 - 1850078
OPEL	DCN20005	1850057 - 1850073
OPEL	DCN20005	1850057 - 1850074
OPEL	DCN20006	1850058 - 1850078
OPEL	DCN20016	1850072 - 1850088
OPEL	DCN20005	1850073 - 1850074
OPEL	DCN20017	1850087 - 1850071
OPEL	DCN20015	1850091 - 1850000
PEUGEOT	DCN07007	6455.CZ
PEUGEOT	DCN21003	6455.Z2 / 9638124180
PEUGEOT	DCN21016	6455AA

Vehicle Manufacturer	DENSO Partnumber	VM Partnumber
PEUGEOT	DCN21015	6455AC
PEUGEOT	DCN21010	6455AV - 6455Q9 -6455R0
PEUGEOT	DCN21010	6455AV - 6455V9 - 6455Q9
PEUGEOT	DCN07009	6455CV - 6455Y9
PEUGEOT	DCN21010	6455V9 - 6455Q9 -6455R0
PEUGEOT	DCN21006	6455W7 - 6455X9
PEUGEOT	DCN21006	6455W7 - 6455X9 - 6455X0
PORSCHE	DCN28001	96457301103
PORSCHE	DCN28001	99357301101
RENAULT	DCN23004	770428315
RENAULT	DCN23025	5010382644
RENAULT	DCN23001	6025306732
RENAULT	DCN23002	6025313325
RENAULT	DCN23009	7700301253
RENAULT	DCN23010	7700432392
RENAULT	DCN23013	7700434383
RENAULT	DCN23007	7700436062
RENAULT	DCN23003	7700838131
RENAULT	DCN23015	8200008763
RENAULT	DCN23022	8200033733
RENAULT	DCN23012	8200115543
RENAULT	DCN23011	8200182361
RENAULT	DCN23021	8200332851
RENAULT	DCN23006	77004141103
RENAULT	DCN23020	6025307276 - 7700876215
RENAULT	DCN23020	6025307276 - 7701038227
RENAULT	DCN23008	7700428083 - 8200106950
SEAT	DCN32015	1108838 - 7M3820411A
SEAT	DCN32015	1108838 - 7M3820411B
SEAT	DCN32015	1108838 - 7M3820411C
SEAT	DCN32015	1108838 - 7M3820411D
SEAT	DCN32015	1108838 - 7M3820411E
SEAT	DCN32017	1J0820413D - 1J0820413N
SEAT	DCN27003	6K0820411-A
SEAT	DCN27001	6K0820413A
SEAT	DCN27001	6K0820413A - 6K0820413B
SEAT	DCN27001	6K0820413B
SEAT	DCN27004	6Q0820411E-G-H-J
SKODA	DCN32001	1K0820411E
SKODA	DCN32018	3B0260401
VOLKSWAGEN	DCN32015	1108838 - 7M3820411A-B-C-D-E
VOLKSWAGEN	DCN32025	1C0820413A
VOLKSWAGEN	DCN32003	1H0820413
VOLKSWAGEN	DCN32030	1T0820411B
VOLKSWAGEN	DCN32004	357820413A
VOLKSWAGEN	DCN32005	357820413B
VOLKSWAGEN	DCN32006	357820413C
VOLKSWAGEN	DCN32007	3A0820413A
VOLKSWAGEN	DCN32009	535820411C
VOLKSWAGEN	DCN32010	535820411D
VOLVO	DCN33004	3448918
VOLVO	DCN33006	9171271
VOLVO	DCN33007	30871579
VOLVO	DCN33008	30897260

[illegible]



GB

The Receiver Drier

The Block union type Receiver Drier for R134a is an example of a new, cost-effective product, which we have recently added to our after-market portfolio. This vital part of air-conditioning systems has been specially developed for the aftermarket. It goes without saying that the product is of the same quality as the Receiver Driers supplied OE to automobile manufacturers.

Replacing

Replace the Receiver Drier when the refrigerant cycle is opened for repair (for instance in the case of leakage or the replacement of parts). The Receiver Drier also needs replacing when the system is empty and filled with air. Although the service interval for DENSO Receiver Driers is longer, thanks to the large amount of desiccant, it is advisable to replace this part of the air conditioning system periodically. The life of a Receiver Drier is prolonged if used regularly.

Longer Life with Perfect Design

DENSO's Receiver Drier contains three times as much desiccant as other aftermarket driers. That's why the moisture absorption is three times as high and gives your customers even more benefits. The filter in our Receiver Drier cannot shift in cold conditions, a major advantage attributable to the fact that the desiccant filter is not located in the middle of the body but immediately underneath the inlet and outlet. Also the filter housing is securely anchored within the drier casing.



DENSO RECEIVER DRIER				
DENSO P/N	OE	L X H X D	DESICCANT	JOINT
447810-9000	447810-0010 / 0040	207 mm x 70 x 70 mm	120 gr.	Block
447810-9010	447810-0020 / 0030	187 mm x 70 x 70 mm	120 gr.	Block
447810-9020	447810-0050 / 0060	167 mm x 70 x 70 mm	120 gr.	Block
447810-9030	447810-0100 / 0150	247 mm x 70 x 70 mm	160 gr.	Block

Compressor Oil

Oil Types

When replacing a Compressor it is necessary to follow the DENSO procedure for oil replacement. Always make sure you use the specified oil of the Compressors. DENSO offers different grades of Compressor oil with two size options:

Oil ND8

Oil ND8 is used in the following Compressor types: 5SL, 6SE12, 6SEU12, 6CA17, 7SBU16, 7SEU16, 10P15, 10PA15, 10P17, 10S17, 10PA17, 10PA20, SCS06-5SL, SCSB06, SCS8, SC08

Available in cans:

40cc
250cc

1. 40 cc
2. 250 cc



446963-0030



446963-0040

Oil ND9

Oil ND9 is used in the following Compressor types: TV12SC, TV14EC

Available in cans:

40cc
250cc

1. 40 cc
2. 250 cc



446963-2000



446963-2040

Oil Replacement Calculation

All 10P type Compressors uses for HFC134a DENSO oil 8. The amount of oil to be replaced can be calculated as follows;
Specified oil amount for CFC12 x 1.2 = specified retrofit amount for HFC134a.

D

Der Trockner

Der Blockanschluss-Trockner für R134a ist ein Beispiel für ein neues kostenwirksames Produkt, das wir vor kurzem zu unserem Aftermarket-Portfolio hinzugefügt haben. Dieses in Klimaanlage wichtige Teil wurde speziell für den Aftermarket entwickelt. Selbstverständlich ist dieses Produkt genauso hochwertig wie die Trockner, die wir als Originalausstattung an die Automobilhersteller liefern.

Austausch

Tauschen Sie den Trockner aus, wenn der Kühlmittelkreislauf zu Reparaturzwecken geöffnet wird (zum Beispiel im Fall von Undichtigkeiten oder beim Austausch von Ersatzteilen). Der Trockner muss ebenfalls ausgetauscht werden, wenn das System leer und mit Luft gefüllt ist. Obwohl das Wartungsintervall für die Trockner von DENSO aufgrund der großen Menge an Trockenmittel länger ist, ist es ratsam, dieses Teil der Klimaanlage periodisch auszutauschen. Die Lebensdauer eines Trockners verlängert sich bei regelmäßigem Gebrauch.

Längere Lebensdauer durch Perfektion im Design

Der Trockner von DENSO enthält dreimal mehr Trockenmittel als andere Trockner im Aftermarket-Segment. Aus diesem Grund ist die Feuchtigkeitsaufnahme dreimal höher und profitieren auch Ihre Kunden von weiteren Vorteilen. Der Filter in unserem Trockner kann auch unter kalten Bedingungen nicht verrutschen; dieser große Vorteil entsteht dadurch, dass sich der Trockenmittelfilter nicht in der Mitte des Gehäuses befindet, sondern direkt unter dem Einlass und Auslass. Das Filtergehäuse ist sicher im Trocknergehäuse verankert.



DENSO TROCKNER				
DENSO TEILENUMMER	OE	H X B X T	TROCKENMITTEL DICHTUNG	
447810-9000	447810-0010 / 0040	207 mm x 70 x 70 mm	120 gr.	Block
447810-9010	447810-0020 / 0030	187 mm x 70 x 70 mm	120 gr.	Block
447810-9020	447810-0050 / 0060	167 mm x 70 x 70 mm	120 gr.	Block
447810-9030	447810-0100 / 0150	247 mm x 70 x 70 mm	160 gr.	Block

Kompressoröl

Öltypen

Beim Austausch eines Kompressors ist es notwendig, das DENSO Ölwechselverfahren zu befolgen. Vergewissern Sie sich stets, dass Sie das spezifizierte Öl der Kompressoren verwenden. DENSO bietet unterschiedliche Güteklassen von Kompressorölen in zwei Größen an:

Öl ND8

Öl ND8 wird bei den folgenden Kompressortypen eingesetzt: 5SL, 6SE12, 6SEU12, 6CA17, 7SBU16, 7SEU16, 10P15, 10PA15, 10P17, 10S17, 10PA17, 10PA20, SCS06-5SL, SCSB06, SCS8, SC08

Erhältlich in Dosen mit:

40cc

250cc

1. 40 cc
2. 250 cc



446963-0030



446963-0040

Öl ND9

Öl ND9 wird bei den folgenden Kompressortypen eingesetzt: TV12SC, TV14EC

Erhältlich in Dosen mit:

40cc

250cc

1. 40 cc
2. 250 cc



446963-2000



446963-2040

Berechnung der Ölmenge für den Ölwechsel

Alle Kompressoren vom Typ 10P verwenden für den HFC134a das DENSO ÖL 8. Die zu wechselnde Ölmenge kann wie folgt berechnet werden: spezifizierte Ölmenge für CFC12 x 1,2 = spezifizierte Umrüstmengen für den HFC134a.

F

Le réservoir déshydrateur

Le réservoir déshydrateur de type "Block union" pour le R134a est un exemple de nouveau produit performant que nous avons récemment ajouté à notre gamme pour le marché de la rechange. Il s'agit d'un élément crucial des systèmes de climatisation spécialement mis au point pour ce marché. Il va sans dire que ce produit est de la même qualité que les réservoirs déshydrateurs fournis par les équipementiers d'origine aux constructeurs automobiles.

Remplacement

Remplacez le réservoir déshydrateur lorsque le cycle de réfrigérant est ouvert pour la réparation (par exemple en cas de fuite ou de remplacement de pièces). Le réservoir déshydrateur doit aussi être remplacé quand le système est vide et rempli d'air. Bien que l'intervalle de maintenance pour les réservoirs déshydrateurs DENSO soit plus long grâce à leur grande quantité de dessiccateur, il est conseillé de remplacer périodiquement cet élément du système de climatisation. La durée de vie d'un réservoir déshydrateur sera prolongée s'il est utilisé régulièrement.

Longévité accrue et design parfait

Le réservoir déshydrateur DENSO contient trois fois plus de dessiccateur que d'autres déshydratants du marché de la rechange. C'est pourquoi son absorption d'humidité est trois fois supérieure et apporte encore davantage de bénéfices à vos clients. Le filtre de notre réservoir déshydrateur reste toujours bien en place par temps froid, un avantage significatif dû au fait que le filtre à dessiccateur ne se trouve pas au milieu du corps mais juste sous l'admission et l'évacuation. Par ailleurs, le boîtier du filtre est solidement fixé au carter du déshydrateur.



RÉSÉROIR DESHYDRATEUR DENSO				
REF. DENSO	EQUIPEMENTIER	L X H X P	DESICCATEUR	JOINT
447810-9000	447810-0010 / 0040	207 mm x 70 x 70 mm	120 gr.	Block
447810-9010	447810-0020 / 0030	187 mm x 70 x 70 mm	120 gr.	Block
447810-9020	447810-0050 / 0060	167 mm x 70 x 70 mm	120 gr.	Block
447810-9030	447810-0100 / 0150	247 mm x 70 x 70 mm	160 gr.	Block

Huile de compresseur

Types d'huile

Lorsque vous remplacez un compresseur, il faudra suivre la procédure DENSO pour la vidange de l'huile. Prenez toujours soin d'utiliser l'huile spécifiée pour les compresseurs. DENSO propose différents types d'huile pour compresseur avec deux options de tailles:

Huile ND8

L'huile ND8 est utilisée pour les types de compresseurs suivants: 5SL, 6SE12, 6SEU12, 6CA17, 7SBU16, 7SEU16, 10P15, 10PA15, 10P17, 10S17, 10PA17, 10PA20, SCS06-5SL, SCSB06, SCS8, SC08

Disponible en bidons:

40 cm³

250 cm³

1. 40 cm³
2. 250 cm³



446963-0030



446963-0040

Huile ND9

L'huile ND9 est utilisée pour les types de Compresseurs suivants: TV12SC, TV14EC

Disponible en bidons:

40 cm³

250 cm³

1. 40 cm³
2. 250 cm³



446963-2000



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Calcul pour la vidange d'huile

Tous les compresseurs de type 10P utilisent l'huile 8 HFC134a de DENSO. La quantité d'huile à remplacer peut être calculée comme suit: quantité spécifiée d'huile pour CFC12 x 1,2 = quantité spécifiée de ré-équipement pour HFC134a.

E

El receptor / secador

El receptor / secador tipo unión en bloque para R134a es un ejemplo de producto nuevo y rentable, que hemos incorporado recientemente a nuestra cartera de clientes reparadores. Este componente fundamental de los sistemas de aire acondicionado se ha desarrollado especialmente para el mercado de reparadores. Ni que decir tiene que el producto es de la misma calidad que los receptores / secadores originales suministrados a los fabricantes de automóviles.

Sustitución

Cambie el receptor / secador cuando se abra el circuito de refrigerante para alguna reparación (por ejemplo, en caso de fugas o para sustitución de piezas). El receptor / secador también debe cambiarse cuando el sistema esté vacío y lleno de aire. Aunque el intervalo de servicio para los receptores / secadores DENSO es mayor gracias a la gran cantidad de desecante, se aconseja cambiar este componente del sistema de aire acondicionado periódicamente. La vida de un receptor / secador es prolongada si se usa con regularidad.

Vida más prolongada con un diseño perfecto

El receptor / secador DENSO contiene tres veces la cantidad de desecante que otros secadores del mercado de reparadores. Por eso, la absorción de humedad es tres veces mayor y ofrece todavía más ventajas a sus clientes. El filtro de nuestro receptor / secador no se puede mover cuando está frío, lo que supone una importante ventaja atribuible al hecho de que el filtro de desecante no está situado en medio del cuerpo, sino inmediatamente por debajo de la entrada y la salida. Además, el soporte del filtro está firmemente anclado en la carcasa del secador.



RECEPTOR / SECADOR DENSO				
Nº PROD. DENSO	PIEZA ORIGINAL	L X H X A	DESECANTE	JUNTA
447810-9000	447810-0010 / 0040	207 mm x 70 x 70 mm	120 gr.	Bloque
447810-9010	447810-0020 / 0030	187 mm x 70 x 70 mm	120 gr.	Bloque
447810-9020	447810-0050 / 0060	167 mm x 70 x 70 mm	120 gr.	Bloque
447810-9030	447810-0100 / 0150	247 mm x 70 x 70 mm	160 gr.	Bloque

Aceite del compresor

Tipos de aceites

Al cambiar un compresor, es necesario seguir el procedimiento de DENSO para cambiar el aceite. Procure que se utilice siempre el aceite especificado para los compresores. DENSO ofrece diversos grados de aceite de compresor, con dos opciones de tamaño:

Aceite ND8

El aceite ND8 se utiliza en los siguientes tipos de compresor: 5SL, 6SE12, 6SEU12, 6CA17, 7SBU16, 7SEU16, 10P15, 10PA15, 10P17, 10S17, 10PA17, 10PA20, SCS06-5SL, SCSB06, SCS8, SC08

Disponible en latas:

40 c.c.

250 c.c.

1. 40 c.c.
2. 250 c.c.



446963-0030



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Aceite ND9

El aceite ND9 se utiliza en los siguientes tipos de compresor: TV12SC, TV14EC

Disponible en latas:

40 c.c.

250 c.c.

1. 40 c.c.
2. 250 c.c.



446963-2000



446963-2040

Cálculo del cambio de aceite

Todos los compresores de tipo 10P utilizan aceite 8 para HFC134a de DENSO. La cantidad de aceite para el cambio se calcula así: Cantidad de aceite especificada para CFC12 x 1,2 = cantidad especificada para la actualización para HFC134a.

I

Il polmone vaso di espansione / essiccatore

Il polmone vaso di espansione / essiccatore di tipo Block Union per l'R134a è un esempio di prodotto innovativo e conveniente, che abbiamo di recente aggiunto al nostro catalogo di prodotti 'aftermarket', per installazione su veicoli sprovvisti all'origine. La parte vitale dei sistemi di condizionamento d'aria è stata sviluppata in modo specifico per l'aftermarket. Non occorre aggiungere che il prodotto presenta la stessa qualità dei polmoni vaso di espansione / essiccatori forniti come OEM ai costruttori di veicoli, per i montaggi di serie.

Sostituzione

Sostituire il polmone/essiccatore quando il ciclo refrigerante viene aperto per un intervento di riparazione (ad esempio, in caso di una perdita, o di sostituzione di pezzi). È necessaria la sostituzione del polmone / essiccatore anche quando il sistema vuotato, e pieno d'aria. Anche se l'intervallo d'intervento per i polmoni/essiccatori DENSO è più lungo, grazie all'elevata quantità di essiccante, è consigliabile sostituire periodicamente questa parte del sistema di aria condizionata. La durata di un polmone/essiccatore è prolungata, se utilizzato periodicamente.

Durata più lunga grazie ad una progettazione perfetta

Il polmone/essiccatore DENSO contiene tre volte la quantità di essiccante che si trova in altri essiccatori presenti in "aftermarket". Questo è il motivo per cui l'assorbimento dell'umidità è tre volte superiore, e offre ai clienti ancora maggiori benefici. Il filtro del vaso di espansione / essiccatore non può spostarsi in condizioni fredde: questo è un notevole vantaggio, attribuibile al fatto che il filtro essiccante non è posizionato nel mezzo del corpo, ma immediatamente sotto la bocchetta di entrata e di uscita. Anche l'alloggiamento del filtro è fissato in maniera sicura all'interno del contenitore dell'essiccatore.



POLMONE/ESSICCATORE DENSO				
DENSO P/N	OE	L X A X P	ESSICCANTE	GIUNTO
447810-9000	447810-0010 / 0040	207 mm x 70 x 70 mm	120 gr.	Block
447810-9010	447810-0020 / 0030	187 mm x 70 x 70 mm	120 gr.	Block
447810-9020	447810-0050 / 0060	167 mm x 70 x 70 mm	120 gr.	Block
447810-9030	447810-0100 / 0150	247 mm x 70 x 70 mm	160 gr.	Block

Olio del compressore

Tipi d'olio

Per la sostituzione di un compressore, è necessario seguire la procedura DENSO prevista per la sostituzione dell'olio. Assicurarsi sempre di impiegare l'olio specificato per i compressori. DENSO offre diverse gradazioni di olio per compressori, con due differenti opzioni basate sulle dimensioni:

Olio ND8

L'olio ND8 viene impiegato nei seguenti tipi di compressori: 5SL, 6SE12, 6SEU12, 6CA17, 7SBU16, 7SEU16, 10P15, 10PA15, 10P17, 10S17, 10PA17, 10PA20, SCS06-5SL, SCSB06, SCS8, SC08

Disponibile in lattine da:

40cc

250cc

1. 40 cc
2. 250 cc



446963-0030



446963-0040

Olio ND9

L'olio ND9 viene impiegato nei seguenti tipi di compressori: TV12SC, TV14EC

Disponibile in lattine da:

40cc

250cc

1. 40 cc
2. 250 cc



446963-2000



446963-2040

Calcolo della sostituzione dell'olio

Tutti i compressori di tipo 10P utilizzano l'olio DENSO 8 per l'HFC134a. La quantità di olio da sostituire si può calcolare nel seguente modo: quantità d'olio specificata per il CFC12 x 1.2 = quantità specificata di conversione per l'HFC134a.

GB

LIMITED WARRANTY

1. Product

DENSO Aftermarket Air Conditioning Components

2. Warranty period

Warranty period begins on the retail date the DENSO Air Conditioning Component is sold to the end user of the Product, and will remain valid for one year from that date

3. Scope of Warranty

The Warranty is not valid in the following circumstances:

- Failure, breakdown or damage of the DENSO Air Conditioning Product caused or induced by:
 - Incorrect installation of the Product on the Vehicles or incorrect disassembly or reconstruction of the Product
 - Incorrect storage, handling or use of the Product or the Vehicle (including use in races, rallies or other similar competitions)
 - Other parts, components or the Vehicles themselves
 - Natural and/or man-made disasters (including traffic accidents)
- Failure, breakdown or damage of the Product, if the Product is subjected to excessive water or fluids used for Vehicles (e.g. oil, engine coolant, battery fluid, brake fluid, windshield washer fluid, high pressure cleaning).
- Normal wear and tear of the maintenance parts of the Product.
- The maintenance parts of the Products
- Perceived dissatisfaction with the Product by the Vehicle end-user, which is not related to the quality and/or function of the Product.

4. Warranty Claim Submission

The end-user of the Product must make every effort to provide information concerning the quality of the product and submit this information with the Warranty claim.

5. Additional Warranty Notes

For the DENSO one-year Warranty to remain valid, returned Air Conditioning Components must not be disassembled. Components delivered disassembled will not be accepted for Warranty.

D

INGESCHRÄNKTE GEWÄHRLEISTUNG

1. Produkt

DENSO-Aftermarket Komponenten für Klimaanlage.

2. Gewährleistungsfrist

Die Gewährleistungsfrist beginnt mit dem Datum, an dem die DENSO-Klimaanlagenkomponente an den Endkunden des Produkts verkauft wurde und bleibt von diesem Datum an ein Jahr gültig.

3. Umfang der Gewährleistung

Die Gewährleistung ist unter den folgenden Umständen unwirksam:

- Fehler, Versagen oder Beschädigung des DENSO-Klimaanlagenprodukts verursacht oder hervorgerufen durch:
 - Fehlerhafte Installation des Produkts in Fahrzeugen oder fehlerhafte Zerlegung oder Zusammenbau des Produkts
 - Fehlerhafte Lagerung, Handhabung oder Verwendung des Produkts im Fahrzeug (einschließlich Verwendung bei Rennen, Rallyes oder ähnlichen Wettbewerben)
 - Andere Teile, Komponenten oder die Fahrzeuge selbst
 - Naturkatastrophen oder Unglücksfälle als Folge von menschlichem Versagen (einschließlich Verkehrsunfälle)
- Ausfall, Störung oder Beschädigung des Produkts, wenn das Produkt übermäßig viel Wasser oder für Fahrzeuge verwendeten Flüssigkeiten ausgesetzt wird, z. B. Öl, Motorkühlfüssigkeit, Batterieflüssigkeit, Bremsflüssigkeit, Scheibenreinigungsflüssigkeit, Hochdruckreinigung.
- Normale Abnutzung der Verschleißteile des Produkts.
- Die Verschleißteile des Produkts
- Empfundene Unzufriedenheit des Fahrzeugendnutzers mit dem Produkt, die nicht auf die Qualität und/oder Funktion des Produkts bezogen ist.

4. Einreichung des Gewährleistungsanspruchs

Der Endnutzer des Produkts muss jeden Versuch unternehmen, Informationen über die Qualität des Produkts zu liefern, und diese Informationen mit dem Gewährleistungsanspruch einreichen.

5. Zusätzliche Gewährleistungshinweise

Damit die einjährige DENSO-Gewährleistung gültig bleibt, dürfen die retournierten Klimaanlagekomponenten nicht auseinander gebaut sein. Auseinander gebaute Komponenten werden nicht für die Gewährleistung angenommen.

F

GARANTIE LIMITÉE**1. Produit**

Pièces de rechange pour systèmes de climatisation DENSO.

2. Période de garantie

La période de garantie court à partir de la date de vente de la pièce de système de climatisation DENSO à l'utilisateur final et est valable un an à compter de cette date.

3. Conditions de garantie

La garantie n'est pas valable dans les cas suivants :

- En cas de défaillance, de panne ou d'endommagement du produit de système de climatisation DENSO causé ou induit par :
 - une installation incorrecte du produit sur le véhicule, ou un démontage ou un réassemblage incorrects du produit ;
 - un stockage, une manipulation ou une utilisation incorrects du produit ou du véhicule (y compris une utilisation dans le cadre de courses, de rallyes ou d'autres compétitions semblables) ;
 - d'autres pièces, d'autres composants ou le véhicule lui-même ;
 - une catastrophe naturelle ou un sinistre causé par l'homme (y compris les accidents de la circulation).
- En cas de défaillance, de panne ou d'endommagement du produit si le produit est soumis à une quantité excessive d'eau ou de liquides automobile (p. ex. huile, liquide de refroidissement du moteur, liquide de batterie, liquide de frein, liquide de lave-glace, nettoyage haute pression).
- Les pièces d'usure normale des pièces d'entretien du produit.
- Les pièces d'entretien du produit.
- En cas de sentiment d'insatisfaction de l'utilisateur du véhicule par rapport au produit, sans relation avec la qualité ou la fonction du produit.

4. Recours à la garantie

L'utilisateur du produit fera tout ce qui est en son pouvoir pour fournir des informations concernant la qualité du produit et joindra ces informations à toute demande d'intervention.

5. Autres notes concernant la garantie

Pour que la garantie DENSO d'un an reste valide, les pièces du climatiseur renvoyées ne doivent pas être démontées. Les pièces renvoyées démontées ne seront pas couvertes par la garantie.

E

GARANTÍA LIMITADA**1. Producto**

Piezas de recambio para aire acondicionado DENSO

2. Período de garantía

El período de garantía comenzará en la fecha de venta del componente para aire acondicionado DENSO al usuario final del Producto, y será válido durante un año a partir de dicha fecha

3. Aplicación de la garantía

La garantía no será válida en los siguientes casos:

- Fallo, avería o daño del Producto para Aire Acondicionado DENSO causado o provocado por:
 - Una instalación incorrecta del Producto en los Vehículos o un desmontaje o reconstrucción incorrecta del Producto
 - Almacenamiento, manejo o uso incorrecto del Producto o el Vehículo (incluyendo su utilización en carreras, rallys o competiciones similares)
 - Otras piezas, componentes o los Vehículos mismos
 - Catástrofes naturales y/o siniestros causados por el hombre (incluyendo accidentes de tráfico)
- Fallo, avería o daño del Producto en caso de que el Producto se exponga a un exceso de agua o líquidos empleados en Vehículos (p.ej. aceite, refrigerante del motor, líquido de batería, líquido de frenos, líquido limpiaparabrisas, limpieza de alta presión).
- Desgaste o rotura natural de las piezas de mantenimiento del Producto.
- Las piezas de mantenimiento de los Productos
- Insatisfacción con el Producto percibida por parte del usuario final del Vehículo que no guarda relación con la calidad y/o funcionamiento del Producto.

4. Reclamaciones bajo garantía

El usuario final del Producto deberá hacer todo lo posible para suministrar información sobre la calidad del producto y adjuntar dicha información a la Reclamación bajo garantía.

5. Observaciones adicionales sobre la Garantía

Para que la garantía de un año DENSO conserve su validez, los componentes de aire acondicionado devueltos no deberán estar desmontados. Los componentes que entreguen desmontados no serán aceptados bajo las condiciones de garantía.

I**GARANZIA LIMITATA****1. Prodotto**

Componenti per impianti d'aria condizionata DENSO Aftermarket.

2. Periodo di garanzia

Il periodo di garanzia inizia alla data della vendita al dettaglio in cui il componente per l'aria condizionata DENSO viene venduto all'utente finale, ed avrà una validità di un anno a partire da tale data.

3. Limiti della garanzia

La garanzia non è valida nelle seguenti circostanze:

- Guasti, avarie o danni del prodotto per l'aria condizionata DENSO causati o indotti da:
 - Installazione non corretta del prodotto sui veicoli o disassemblaggio o ricostruzione non corretti del prodotto.
 - Magazzinaggio, manipolazione o utilizzo non corretti del prodotto o del veicolo (incluso l'utilizzo in corse di velocità, rally o altre competizioni simili).
 - Altre parti, elementi o dai veicoli stessi.
 - Disastri naturali e/o causati dall'uomo (inclusi incidenti di circolazione).
- Guasti, avarie o danni del prodotto, in caso di esposizione eccessiva del prodotto stesso all'acqua o ai fluidi utilizzati per i veicoli (ad es. olio, fluido refrigerante del motore, fluido della batteria, fluido dei freni, fluido per il lavaggio del parabrezza, pulizia ad alta pressione).
- Normale usura e rottura delle parti del prodotto soggette a manutenzione.
- Parti dei prodotti soggette a manutenzione
- Evidente insoddisfazione per il prodotto da parte dell'utente finale del veicolo, non correlata alla qualità e/o al funzionamento del prodotto stesso.

4. Presentazione di un reclamo coperto da garanzia

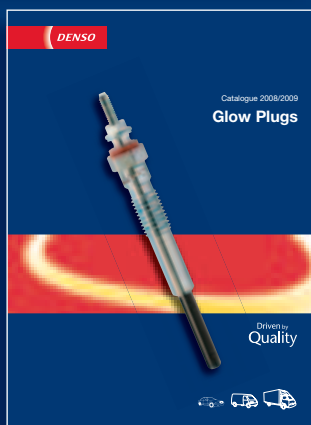
L'utente finale del prodotto dovrà premurarsi di fornire tutte le possibili informazioni riguardanti la qualità del prodotto e dovrà inoltrare tali informazioni assieme alla richiesta di intervento coperto da garanzia.

5. Ulteriori note sulla garanzia

Affinché la garanzia annuale DENSO resti valida, i componenti dell'aria condizionata dati in resa non devono essere stati disassemblati. I componenti consegnati disassemblati non saranno considerati come coperti da garanzia.

	GB	D	F	E	I
	Vehicle: Make, Model, Engine capacity	Fahrzeug: Fabrikat, Modell, Motorkapazität	Véhicule: Marque, modèle, capacité de moteur	Vehículo: marca, modelo, capacidad del motor	Veicolo: Marca, Modello, capacità del motore
	Engine code	Motorkennbuchstaben	Code du moteur	Código del motor	Codice del motore
	Year (from - to)	Jahr (von - bis)	Année (de - à)	Año (de - a)	Anno (da - a)
	A/C Compressor	A/C-Kompressor	Compresseur A/C	Compresor A/C	Compressore A/C
	Transmission	Getriebe	Transmission	Transmisión	Trasmissione
	Condenser	Kondensator	Condensateur	Condensador	Condensatore

DENSO



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