



**Delphi Product & Service Solutions
Product Service Information
North American Service Operations**

Product Group: Air Conditioning, Radiators and Heating Products	Product Name: Compressors, radiators, condensers, evaporators, accumulator dehydrators, receiver dryers, heater cores, blower motors
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Policy Statement

The Policy Statement below supersedes all previous Delphi Product & Service Solutions Air Conditioning, Radiator and Heating Products Warranty statements prior to this date.

AIR CONDITIONING, RADIATOR AND HEATING PRODUCTS WARRANTY

Delphi Corporation ("Delphi") provides this limited warranty for heating, air conditioning and radiators ("Products") sold by Delphi Products & Service Solutions to be free of defects in material and workmanship for a period of one year, unlimited mileage, from the date of installation, subject to the following terms, unless otherwise stated in customer specific terms and conditions. These products include:

- compressors
- radiators
- condensers
- evaporators
- accumulator dehydrators (A/D)
- receiver dryers (R/D)
- heater cores
- blower motors

General Terms

- Delphi warrants the Products will be free of defects in materials and workmanship. EXCEPT AS SET FORTH IN THE PRECEDING SENTENCE, SELLER MAKES NO OTHER WARRANTY TO BUYER. Delphi will, as its sole obligation under this limited warranty will replace any non-conforming Product. Delphi is not responsible for any incidental or consequential costs (including labor) to remove and install a Product or to restore the vehicle to its proper operating condition. In addition, under no circumstances will Delphi be liable for any incidental or consequential damages under this warranty or any implied warranties.
- Delphi will not be responsible for damage resulting from:
 - Deviation from Delphi's application recommendations as printed in Delphi's catalog or on any packaging, labels or instructions with a Product
 - Installation of a Product in a manner which is inconsistent with Delphi's written instructions or accepted industry standard
 - Alteration or modification of a Product
 - Misuse, neglect, abuse or accident
 - Normal wear and tear, improper application, installation or operation of the Product.
- This warranty does not apply to any Product that is installed in vehicles used for:
 - Towing exceeding the vehicle manufacturer's defined limits
 - Racing, off-highway recreational use or four-wheel drive off-highway competition
 - Public service, security or government use

- No other express or implied warranties are made with respect to any other products.
- This warranty is not transferable and applies only to the original consumer purchaser of the Product.
- Warranty only applies to products purchased in the fifty (50) United States, District of Columbia and through Delphi Distributors in Canada.
- Competitor parts, not sold by Delphi, are not valid warranty parts claims and credit will not be given.
- Parts which do not match the vehicle application indicated on the warranty claim are not valid warranty parts claims and credit will not be given.
- This limited Warranty extends from the date of purchase or service as shown on a purchase receipt.
- This limited Warranty shall expire in the event that the vehicle, in which a Delphi product is installed, incurs physical damage such as but not limited to fire, flood or a collision resulting in any damage to the vehicle engine compartment or any surrounding body parts.
- Parts must be installed on the application specified by Delphi. If a part is used on an application other than one approved or cataloged by Delphi, the Warranty will be void.

Terms for Radiators and Heater Cores

- Delphi requires the use of the vehicle manufacturer specified engine coolant for use in radiators and heater cores.
- This limited Warranty shall not apply to any failure of a Delphi Product caused by improper maintenance of a vehicle heating or engine cooling system or failure of any other system component.

Terms for A/C Products

- The use of any additives (sealants, lubricant enhancers and system treatments) in the A/C system will void the Product warranty.
- The use of trace dyes or leak detection dyes is permissible when used in accordance with the dye supplier's written instructions. Usage of excessive amounts of dye will void the Product warranty.
- Delphi A/C Products are warranted for use with only R-12 (CFC-12) or R-134a (HFC-134a) refrigerants.
- The correct type and amount of refrigerant oil must be added (refer to vehicle service manual or compressor manufacturer for specifications).
 - Mineral oil 525 must be used for R-12 systems
 - PAG (Polyalkylene glycol) lubricant must be used for R-134a systems.
 - RL488 125 viscosity (Delphi Catalog # RL10006) must be used for R4, H6, V5 and V7 compressors.
 - RL897 60 viscosity (Delphi Catalog # RL10007) must be used for CVC compressors.
 - Mineral oil is to be used as a lubricant for the O-rings of both R-12 and R-134a systems.
- The A/D or R/D must be replaced as part of the compressor replacement. Where available, usage of a Delphi A/D or R/D is required or an equivalent OEM A/D or R/D must be used. Acceptable proof of following this procedure will include shop repair orders or purchase receipts and must accompany each product being returned for warranty. Failure to replace the A/D or R/D will void the Product warranty.
- The orifice tube must be replaced if the vehicle is so equipped. Acceptable proof of following this procedure will include shop repair orders or purchase receipts and must accompany each product being returned for warranty.
- The expansion valve must be replaced or the inlet screen must be cleaned if the vehicle is so equipped. Acceptable proof of following this procedure will include shop repair orders or purchase receipts and must accompany each product being returned for warranty
- Closed loop flushing with liquid refrigerant is the recommend means to remove oil and debris from the air conditioning system. R-12 refrigerant must be used as the flushing agent for R-12 systems and R-134a refrigerant must be used as the flushing agent for R-134a systems.

- Open loop flushing with chemical solvents is not recommended by Delphi. This is due to residual flush being left behind, diluting the A/C system lubricant, and causing compressor noise and/or failure. If a solvent flush is used, all of the flush must be removed in order to maintain the warranty. If traces of flush residue are detected in the returned component the warranty will be void.
- A/C systems which have been contaminated with debris from a compressor failure, a failed A/D or R/D desiccant bag or system additives cannot be cleaned by flushing only. These contaminants may be captured throughout the refrigerant side of the A/C system. Under these conditions, contaminated or restricted components must be replaced to ensure a clean and properly performing A/C system.
- The fins of the condenser and radiator must be checked for proper airflow, obstructions or restrictions.
- The engine fan clutch or electric fan must be checked for proper operation.
- The compressor clutch driver (not just the clutch pulley) must be turned a minimum of four revolutions prior to installation on the vehicle. Delphi turning tool, CB10049, or a spanner wrench must be used to turn the compressor shaft.
- The compressor clutch electrical circuit must be checked for proper operation (refer to the vehicle service manual or equivalent for specifications and procedures).
- Delphi recommends the use of in-line filters and suction screens during compressor replacement.
- This limited Warranty shall not apply to any failure of a Delphi Product caused by improper maintenance of a vehicle's air conditioning system or failure of any other system component.

Claim Submission Terms

- Warranty requests must be submitted on Delphi's warranty web system, where possible. Claims outside of the web system must be on the appropriate Delphi claim form available through a Delphi Sales Representative. No other method of warranty submission will be accepted.
- Acceptable proof of following these procedures will include shop repair orders or purchase receipts and must accompany each product being returned for warranty. Claims submitted with product destroyed in field must have the supporting documentation submitted with the claim number referenced.
- Delphi will provide a written rejection notice if a warranty claim is denied. Denied product will be returned at the customer expense, if:
 - The warranty claim form has the "part return" check box completed.
 - The return shipping information is provided
- Rejected claims that do not have the "part return" check box completed will be held for 30 days from the date on the rejection letter prior to being scrapped. Parts may be returned if ship information (carrier and account number) is submitted during that period.

How State Law Relates to the Warranty

Some states and provinces do not allow limitations on how long implied warranties last, or the exclusion or the limitation of incidental or consequential damages. So the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights that may vary from state to state.

IMPORTANT: *In some applications, service parts may be modified or updated at the manufacturer's request. In some situations, additional parts or installation hardware are required in order to complete the installation. If the part specified for your application appears different and no additional parts were included in the package, check the manufacturer service information for bulletins that may include installation part numbers only available from the OE.*