

DELPHI ELECTRIC FUEL PUMP WARRANTY

Delphi Corporation (“Delphi”) warrants all Electric Fuel Pump products sold by Delphi Product & Service Solutions to be free of defects in material and workmanship for a period of one year from the date of installation or 12,000 miles or 20,000 kilometers, whichever occurs first, subject to the following terms. These Products include Electric Fuel Pump assemblies and any other components that are packaged with products as supplied by Delphi. These other components include, but are not limited to, gaskets, filters and other hardware necessary for the installation as packaged by Delphi.

NOTE: An appropriate new strainer must be installed to prevent voiding of warranty.

Terms

No other express warranties are made with respect to any other product.

This warranty is not transferable and applies only to the original consumer purchaser of the Product.

Delphi will, as its sole obligation under this warranty, replace or repair any Product that does not conform to this warranty. Delphi will not be responsible for any cost (including labor) to remove and install a Product or to restore vehicle to its proper operating condition. 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 any (i) deviation from Delphi’s application recommendations as printed in or on Delphi’s catalog or any packaging, labels or instructions with a Product, (ii) installation of a Product in a manner which is inconsistent with Delphi’s written instructions or accepted industry standard, (iii) alteration or modification of a Product, (iv) misuse, (v) neglect, (vi) abuse, (vii) accident, (viii) 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, public service, security or government use, off-highway recreational use, or four-wheel drive off-highway competition.

Product Technical Support

To obtain assistance with the application of this product or other service support information, visit <http://go.delphi.com> or contact the Delphi Technical Assistance Center at 877-Go-Delphi.

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.

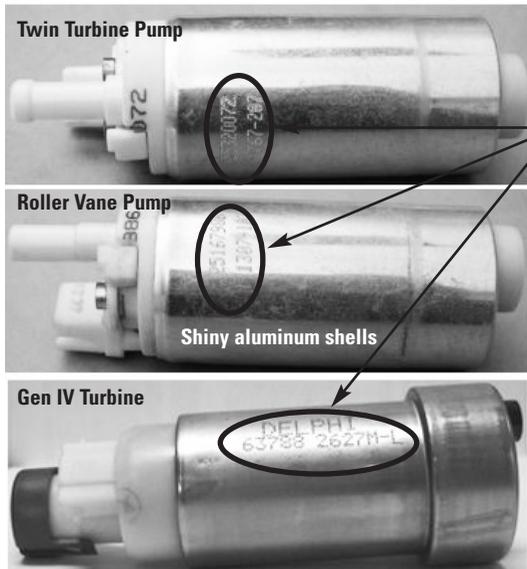
NO PERSON IS AUTHORIZED BY DELPHI TO MODIFY OR ADD TO THIS LIMITED WARRANTY.

IDENTIFYING DELPHI BRAND FUEL PUMPS

Delphi brand pumps are now being marked with the word “DELPHI” on the side of the plastic end plate (shown below).

Delphi brand pumps without the word “DELPHI” can be identified using the product characteristics shown below.

Past Marking



New Marking



Pin stamped part number and date code

Pin stamped “Delphi” logo

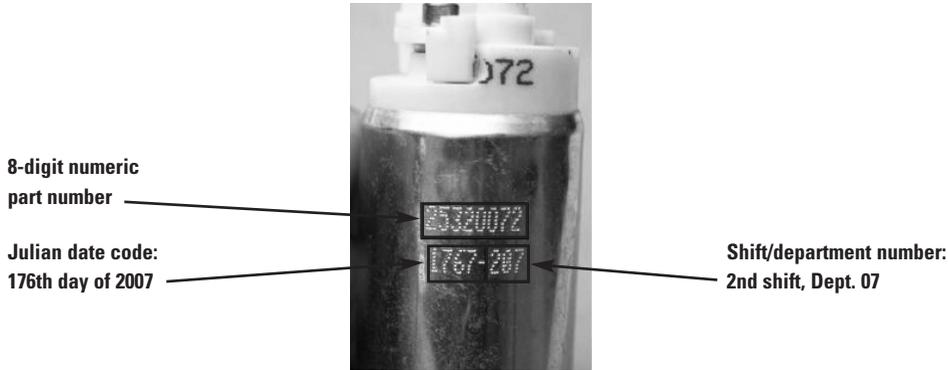
WARRANTY

VISUAL INSPECTION OF COMPONENT

Identifying Delphi Branded Fuel Pumps

Only Delphi branded parts are eligible for warranty.

- Current Delphi branded fuel pump pin stampings can be used to identify pumps and determine the age of the part.



All non-Delphi branded pumps are not eligible for warranty and will be rejected!

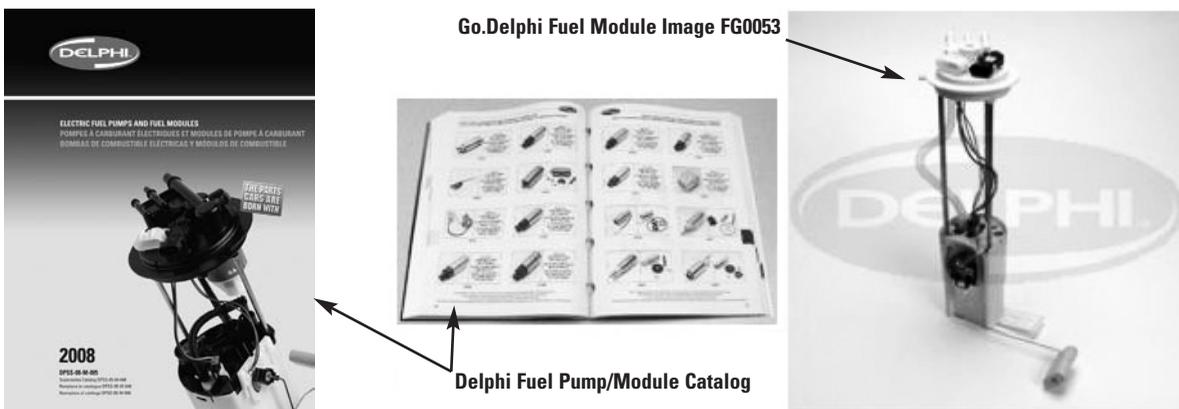
Identifying Delphi Brand Fuel Modules



Identifying Delphi Branded Pumps and Fuel Modules

Only Delphi branded parts are eligible for warranty.

- Some Delphi branded fuel pumps and modules are manufactured by suppliers other than Delphi.
- The images in the Delphi Electric Fuel Pumps and In-Tank Assemblies Catalog or the Go.Delphi on-line electronic catalog will be useful for identifying Delphi Branded parts.



All non-Delphi branded fuel modules are not eligible for warranty and will be rejected!

ITEMS TO LOOK FOR WHICH WOULD VOID THE WARRANTY

Only Delphi branded parts are eligible for warranty.

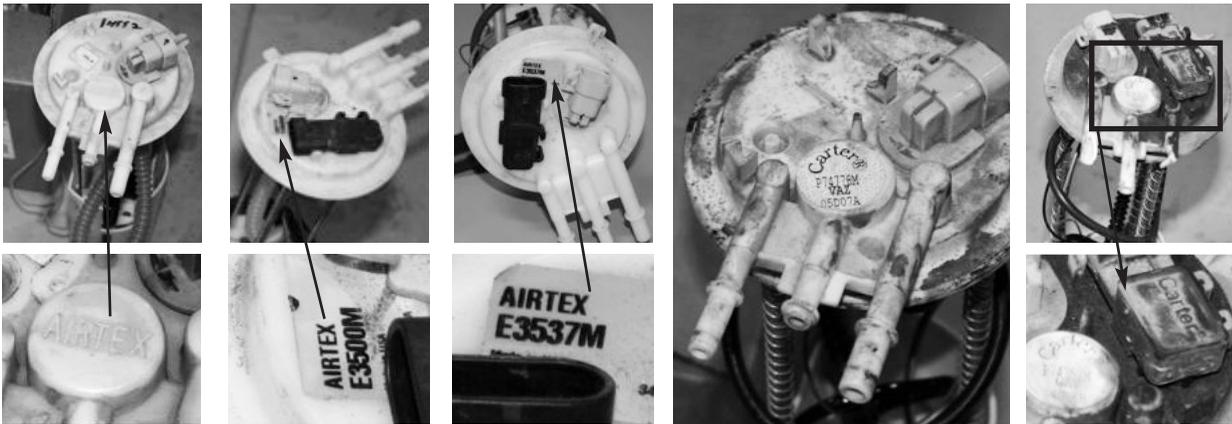
Examples of Competitive Pumps That Are Not Eligible for Warranty



Examples of Competitive Pumps That Are Not Eligible for Warranty (Make Unknown)



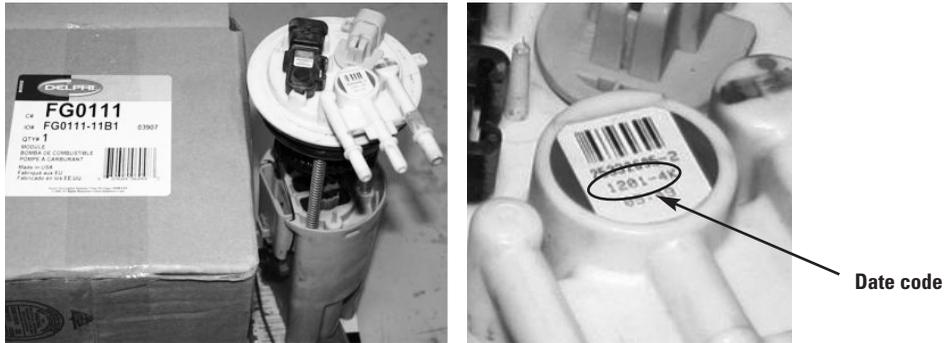
Examples of Competitive Fuel Modules That Are Not Eligible for Warranty



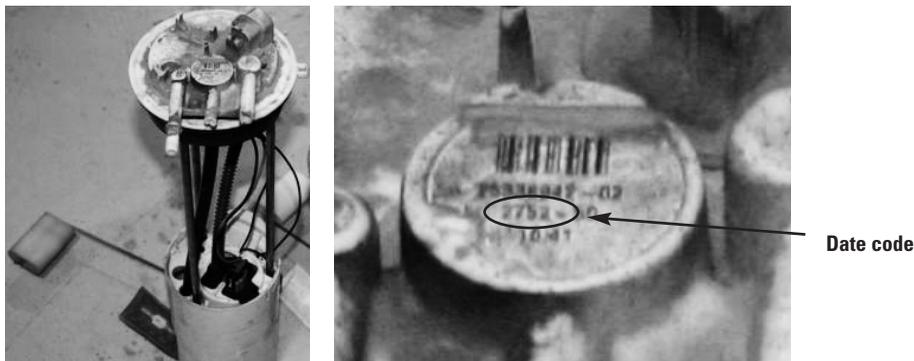
WARRANTY

Examples of Delphi OEM Fuel Modules That Are Not Eligible for Warranty

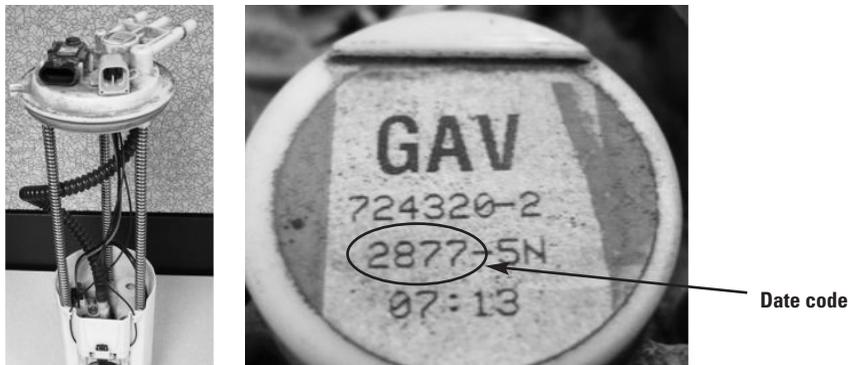
Fuel module bucket is very aged and dirty. Date code of module is 120th day of 2001.



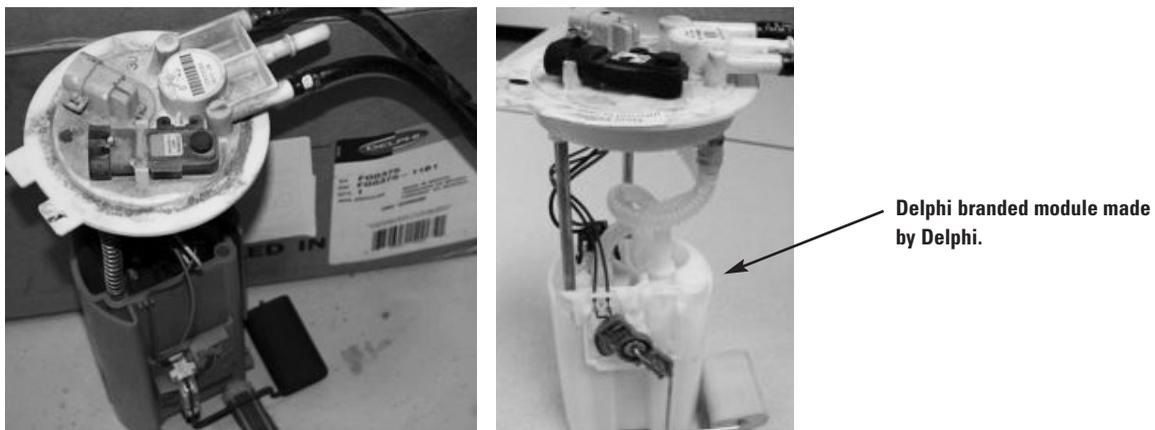
Fuel module is very aged and dirty. Date code of module is 275th day of 2002.



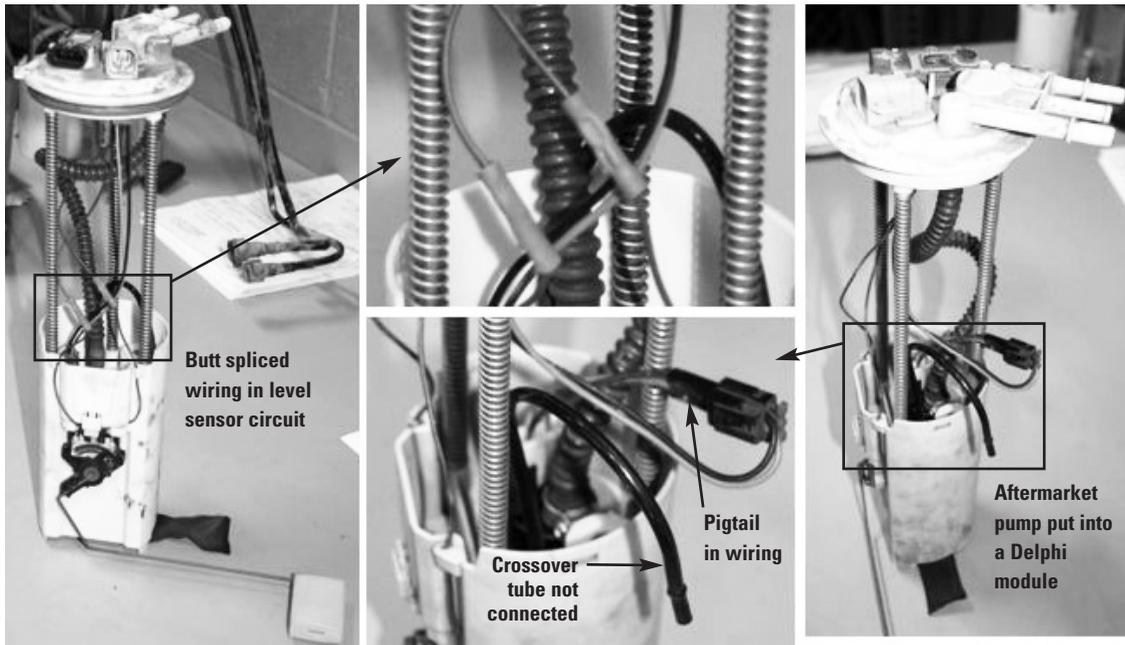
Fuel module is very aged and dirty. Date code of module is 287th day of 1997 (that's 10 years old!).



Fuel module is very aged and dirty. This module is an OEM part made by a competitor. The Delphi branded part is made by Delphi.



Modified Delphi Parts, Which Are Not Eligible for Warranty



Part New in Box

Fuel pumps and fuel modules new in the box are not warrantable. Items to look for which indicate the part is new include:

- All pigtail kits and instruction sheets still in place
- No evidence of being installed in vehicle, i.e., “witness marks”
- No smell of fuel

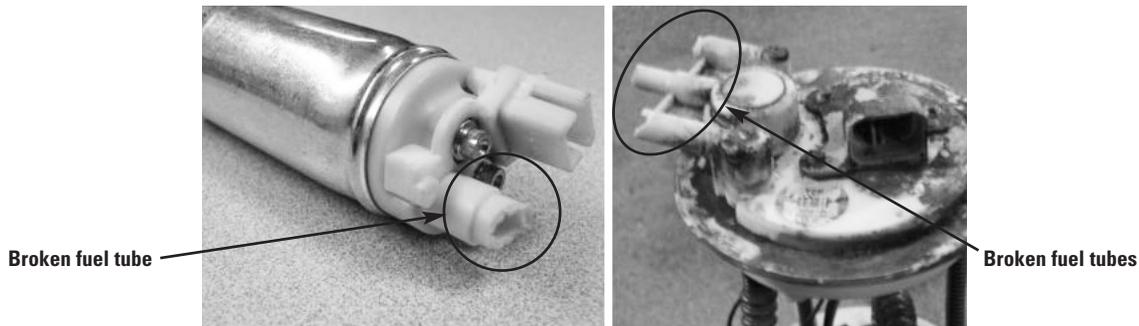
New fuel modules returned for warranty



WARRANTY

Abuse—Physical Damage

Physical damage of the fuel pump or fuel module can be easily seen in the form of missing, partial assembled and broken or obviously damaged areas on the pump or module.



Causes of physical damage would include:

- Rough handling of part
- Incorrect installation or removal of the part from the vehicle
- Improperly packaging the part for return

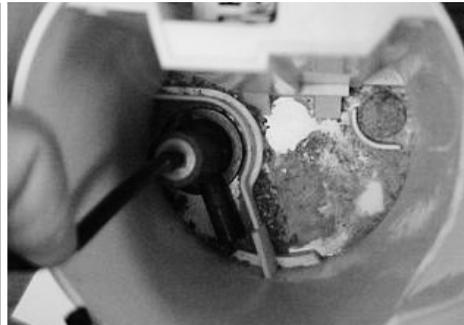
Abuse—Contamination

Contamination of the fuel pump or fuel module can be easily seen in the form of foreign materials found stuck in the strainer or inside the bucket of the module. This would include sand, dirt, water or any foreign material.

Contaminated strainer



Contaminated fuel module bucket

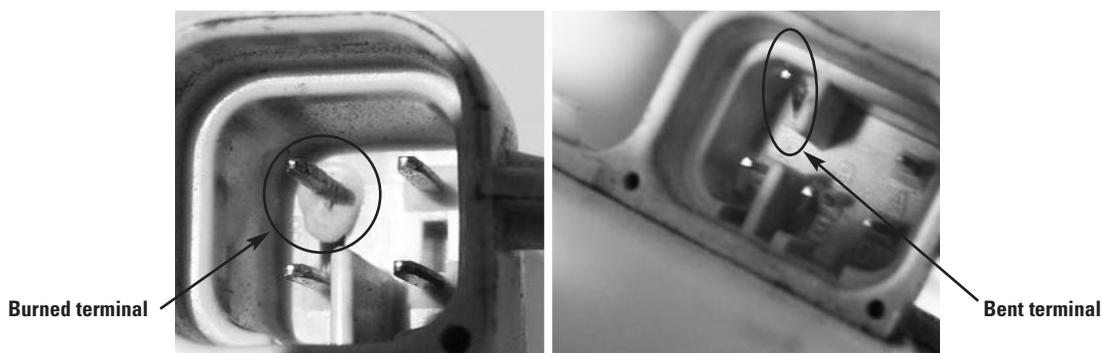


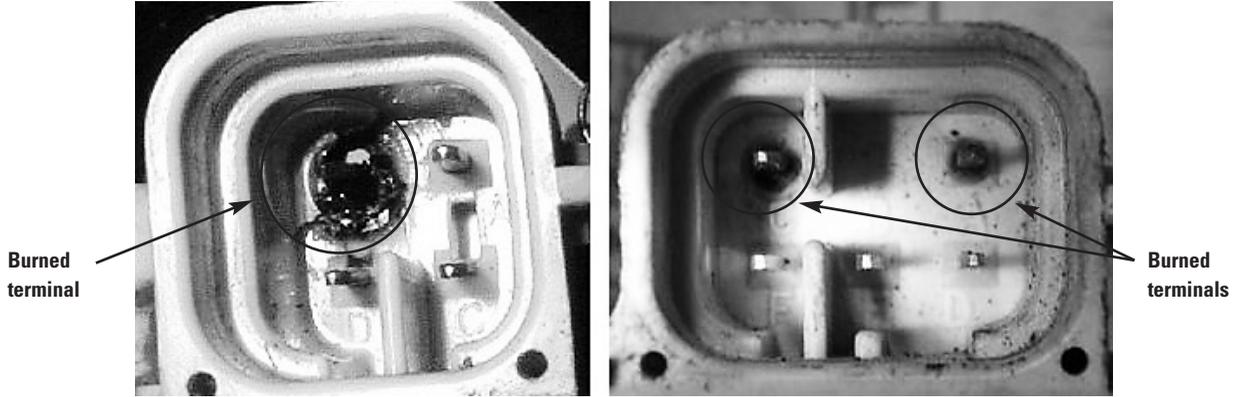
Causes of contamination would include:

- The fuel tank was not properly cleaned prior to the installation of the new part
- Contaminated fuel was put into the fuel tank
- The vehicle evaporative emissions system is drawing contaminants into the fuel tank
- Contaminates were added to the fuel tank (sabotage)

Abuse—Overheated/Damaged Terminals

Overheated and damaged terminals can easily be seen by inspecting the electrical connections on the pump or fuel module.

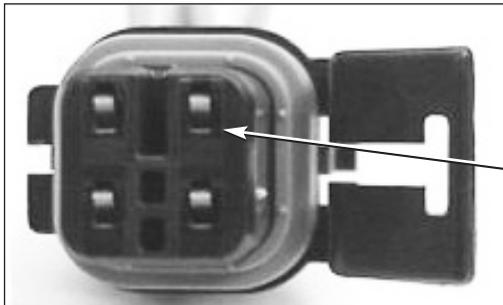




Causes of overheated and damaged terminals would include:

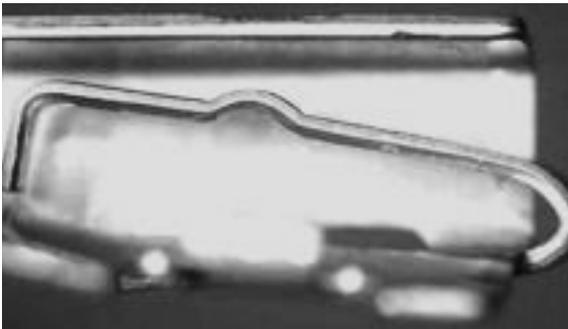
- Improperly probed vehicle body harness wiring done during diagnosis
- Not replacing the vehicle body harness with the new pigtail in the kit
- Installing a damaged body harness into a new fuel module or fuel pump

Metri-Pack 150 electrical connector used on most fuel modules



Area that is probed during diagnostics

Normal functional terminal



Cross-sectional view of Metri-Pack 150 terminals

Damaged probed terminal

