



## FUEL PUMPS & MODULES

*FE, FG and FD Series Part Numbers*



### **PERFORMANCE UNDER PRESSURE. WE WOULDN'T HAVE IT ANY OTHER WAY.**

Delphi sets itself apart from the fuel pump competition with three words: fast pressure rise. As the OE, Delphi knows how to restore fast-pressure performance and system integrity translating to better pumping through less energy.

What does this mean for you? Fewer comebacks due to long cranks, hesitations and overall sluggishness. Experience the Delphi difference. Experience Delphi fuel pumps performance for yourself.

### **WHY DELPHI**

- Delphi is a leading OE supplier to the automotive industry; you receive the latest Delphi OE technology enhancements built into every aftermarket unit.
- Delphi allows shops to compete with the new car dealerships for repairs by offering wider coverage in late-model applications for domestic and import brands.
- Delphi holds more than 30 OE-proprietary innovations, and 150 patents in fuel module and pump design.
- Delphi provides hard-to-find hanger pump sender assemblies, and is the exact fit OE replacement.



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## PRODUCT HIGHLIGHTS

- Restores fast-pressure performance and system integrity, translating to better pumping through less energy
- Increased durability and enhanced stability due to internal springs preventing fuel tube chafing, and possible loss of fuel flow and pressure
- Better security and durability with multiple redundant buttons on the fuel level sensor versus bent fingers which can undergo premature wear, and reduced contact
- Improved durability with steel plated, all metal internal components
- Both positive displacement and turbine pumps
- Reduced potential for greenhouse gas emissions via the EVAP system because of integrated OE fuel vapor pressure sensor. The sensor is also application specific to prevent triggering the “check engine light”
- Longer pump life as a result of a two-strainer system keeping out contaminants
- Lower failure rates due to its innovative design and durability. Our pumps are designed to operate under extreme temperatures, quick engine starts and to avoid low-fuel hesitation, including alcohol fuels and blends



## FEATURES BENEFITS

|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Internal springs                                                     | Increased durability and enhanced stability prevents tube chafing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Lower amperage draw                                                  | Less load on vehicle’s electrical system. Some competitor units require higher amperage to maintain necessary fuel flow                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Large volume reservoir                                               | Maintains sufficient fuel in low fuel situations and vehicle cornering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Fuel level, gold-filled sensors                                      | Improved resistance to sulfur corrosion and heat resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pump flow                                                            | <ul style="list-style-type: none"> <li>• Consistent flow of 26 g/s or more on most pumps. Some competitor pumps are inconsistent and some deliver less flow than the average</li> <li>• During cold weather starts and low flow situations, Delphi pumps consistently register 8.5 g/s (required 5 g/s), while some competitors only produce 1 g/s flow thereby causing issues</li> </ul>                                                                                                                                                                 |
| Enhanced filtration system                                           | Better control of contaminants for longer pump life due to two-strainer system                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OE service body harness and connector                                | <ul style="list-style-type: none"> <li>• Increased terminal size and enhanced connectors eliminate excessive electrical resistance, improves heat dissipation and boosts current flow capacity</li> <li>• Corrosion-free environment between connector harness and vehicle body harness from heat shrinking method, while some competitors solder or crimp the connection</li> <li>• Greater electrical resistance because wiring from pump to undercover connector is thicker</li> <li>• Ease of installation due to color-coded wire harness</li> </ul> |
| Secure seal between pump and convoluted tube                         | On most pumps, Delphi presses the convoluted tube directly to the pump for a secure seal. Some competitors use a grommet seal, which could cause leaks and reduced flow                                                                                                                                                                                                                                                                                                                                                                                   |
| Empty float height and float retention is to exact OE specifications | <ul style="list-style-type: none"> <li>• Guaranteed correct gas gauge reading</li> <li>• Durable float retention, which is free spinning and retained with a bend in the arm</li> </ul>                                                                                                                                                                                                                                                                                                                                                                   |