



[Manuals.plus](#) /

› [Delphi](#) /

› Delphi HP10262 Hanger Assembly User Manual

Delphi HP10262

Delphi HP10262 Hanger Assembly

USER MANUAL

1. Product Overview

The Delphi HP10262 Hanger Assembly is an essential component designed for specific vehicle fuel systems. It integrates the fuel pump, fuel level sending unit, and necessary fuel lines into a single unit, facilitating efficient fuel delivery from the tank to the engine and accurate fuel level monitoring. This assembly is engineered to meet Original Equipment (OE) specifications, ensuring reliable performance and a precise fit for compatible vehicles.



Figure 1.1: Front view of the Delphi HP10262 Hanger Assembly, showing the fuel pump, sending unit, and fuel lines.

2. What's Included

Upon unpacking your Delphi HP10262 Hanger Assembly, please verify that all components are present and undamaged. The package typically includes:

- One (1) Delphi HP10262 Hanger Assembly (including integrated fuel pump and fuel level sender)
- One (1) Fuel Tank Sealing O-ring
- One (1) Lock Ring
- One (1) Electrical Pigtail Harness (for certain applications)
- Necessary electrical connectors/crimps



Figure 2.1: The Delphi HP10262 Hanger Assembly shown with the included O-ring, lock ring, and electrical pigtail harness.

3. Specifications

Attribute	Specification
Brand	Delphi
Model Number	HP10262
Fit Type	Vehicle Specific Fit
Vehicle Service Type	Car, Truck, Van
Dimensions (L x W x H)	16 x 8.1 x 6 inches
Item Weight	3.11 pounds
Material	Aluminum
Mounting Type	Tank Mount
Gas Type	Gasoline
Specification Met	OE (Original Equipment)

4. Installation Guidelines

Installation of the Delphi HP10262 Hanger Assembly requires mechanical knowledge and specialized tools. It is highly recommended that installation be performed by a qualified automotive technician. Always refer to your vehicle's specific service manual for detailed, step-by-step instructions and safety precautions.

4.1. Safety Precautions

- **Disconnect Battery:** Always disconnect the vehicle's battery before beginning any work on the fuel system.
- **Fuel System Depressurization:** Properly depressurize the fuel system to prevent fuel spray and fire hazards.
- **Ventilation:** Work in a well-ventilated area to avoid inhaling fuel vapors.
- **Fire Extinguisher:** Have a fire extinguisher readily available.
- **Eye Protection:** Wear appropriate eye protection.

4.2. Pre-Installation Checks

- **Inspect Components:** Before installation, carefully inspect the new hanger assembly for any shipping damage.
- **Clean Fuel Tank:** It is crucial to thoroughly inspect and clean the fuel tank to remove any debris, rust, or contaminants. Failure to do so can lead to premature failure of the new fuel pump and system components.
- **Verify Fitment:** Confirm that the HP10262 is the correct part for your specific vehicle make, model, and year.

4.3. General Installation Steps (Consult Vehicle Manual for Specifics)

1. Safely lift and support the vehicle.
2. Locate and access the fuel tank. This may require lowering or removing the tank.

3. Disconnect electrical connectors and fuel lines from the old hanger assembly. Be prepared for residual fuel.
4. Remove the old hanger assembly from the fuel tank.
5. Install the new Delphi HP10262 Hanger Assembly, ensuring the new O-ring is properly seated to create a leak-free seal. Secure with the lock ring.
6. Reconnect all fuel lines and electrical connectors. Ensure connections are secure and free of leaks.
7. Reinstall the fuel tank (if removed) and lower the vehicle.
8. Reconnect the vehicle's battery.
9. Prime the fuel system according to vehicle manufacturer specifications before starting the engine.
10. Check for any fuel leaks and ensure proper operation of the fuel pump and fuel gauge.



Figure 4.1: Top view of the assembly, highlighting the electrical connector and fuel line ports.



Figure 4.2: Detailed view of the electrical connector pins, ensuring proper connection to the vehicle's wiring harness.

5. Operation

The Delphi HP10262 Hanger Assembly functions as the central unit for fuel delivery and monitoring within the fuel tank. The integrated electric fuel pump draws gasoline from the tank and delivers it under pressure to the engine's fuel rail. Simultaneously, the fuel level sending unit, which includes a float arm and resistor, accurately measures the fuel level in the tank and transmits this information to the vehicle's fuel gauge on the dashboard. This ensures the engine receives a consistent fuel supply and the driver has accurate fuel level readings.



Figure 5.1: Side view illustrating the fuel level float arm, which moves with the fuel level to provide accurate readings.

6. Maintenance

The Delphi HP10262 Hanger Assembly is designed for long-term reliability with minimal maintenance. However, periodic checks of the overall fuel system can help ensure optimal performance and prevent potential issues.

- **Fuel Filter:** While the strainer is internal to the module, it is good practice to follow your vehicle manufacturer's recommendations for external fuel filter replacement, if applicable.
- **Fuel Quality:** Use high-quality fuel to prevent contaminants from building up in the fuel system.
- **System Inspection:** During routine vehicle maintenance, visually inspect fuel lines, connections, and the area

around the fuel tank for any signs of leaks, corrosion, or damage.

7. Troubleshooting

If you experience issues after installing the Delphi HP10262 Hanger Assembly, consider the following common troubleshooting steps. Always consult a qualified technician if you are unsure about any diagnostic or repair procedures.

Symptom	Possible Cause	Solution
Inaccurate Fuel Gauge Reading	Faulty fuel level sender or wiring issue.	Verify electrical connections to the sender. Test sender resistance if possible (refer to vehicle manual). Ensure float arm moves freely.
Engine Cranks but Won't Start / Lack of Fuel Pressure	Fuel pump not operating, clogged fuel filter, or wiring issue.	Check power supply to the fuel pump. Verify fuel pump relay and fuse. Inspect fuel lines for kinks or blockages. Ensure fuel tank is clean.
Fuel Leaks Around Assembly	Improperly seated O-ring or loose lock ring.	Ensure the new O-ring is correctly positioned and not pinched. Tighten the lock ring securely.
Noisy Fuel Pump Operation	Contaminated fuel, low fuel level, or air in the system.	Ensure adequate fuel level. Check for fuel system leaks that could introduce air. Verify fuel quality.

8. Warranty Information

For detailed warranty information regarding your Delphi HP10262 Hanger Assembly, please refer to the official Delphi website or contact Delphi customer support directly. Warranty terms and conditions may vary based on region and point of purchase.

9. Customer Support

If you require further assistance, technical support, or have questions about the Delphi HP10262 Hanger Assembly, please visit the official Delphi website or contact their customer service department. Contact information can typically be found on the Delphi corporate website.

This manual is intended for informational purposes only and does not replace professional automotive repair advice.