



Delphi Knowledge Article Series

Wiring Update for FG1052, FG1053 and FG1588



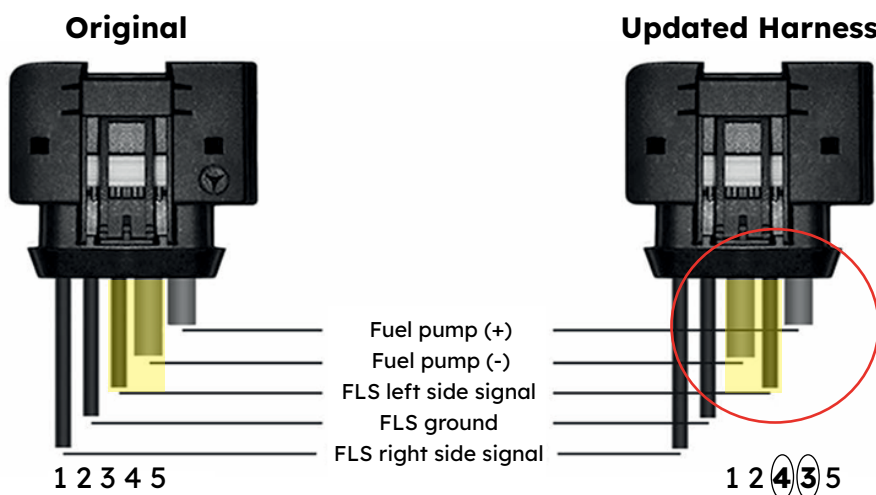
Delphi

Effected Vehicles:

- FG1052 – Chrysler 300 2005-2010, Dodge Challenger 2006-2010, Dodge Magnum 2005-2008
- FG1053 – Chrysler 300 2005-2016, Dodge Challenger/Charger 2009-2016, Dodge Magnum 2006-2008
- FG1588 – Chrysler 300 2011-2019, Dodge Challenger/Charger 2008-2016

If you've purchased a Delphi FG1052, FG1053, or FG1588, you'll notice that it comes with an **updated wiring kit**. This wiring kit is to relocate the power and ground wires on the cover. The OE had the power and ground next to each other, which could cause an overheating issue. **Delphi has relocated the power and ground to dissipate the heat.** You'll notice on the attached connector that the orange wires are the power and ground, and they are separated. **You must install the updated harness even though the old connector may fit the new pump.**

Make sure to follow the instructions for all your wiring needs – they're included in the box!



Label wire 1 to 5 prior to cutting. Note the change to wire 3 & 4 when connecting.*

*Note: Images are for illustration purposes only

Whether it's a diesel, gasoline or electrified vehicle or a car, light commercial, heavy duty or off highway application, we keep these vehicles running the same way throughout their lifetime with a comprehensive range of aftermarket solutions including OE parts, tools and know-how.



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Don't have the time or ability to travel for in-person training? No problem! Delphi offers a variety of virtual training opportunities led by ASE certified Master Trainers.

2026 Training Highlights

The 2026 program kicks off with an Advanced Diagnostics series, offering deeper system comprehension and practical troubleshooting techniques technicians can put to use right away.

Participation is free. Registration details are available at our [Garage 360](#) page.

Delphi is encouraging technicians and service professionals to take advantage of these educational opportunities and continue building diagnostic expertise through Garage 360. For additional virtual and in-person training options available throughout the year, please visit the [Garage 360](#) page.



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