



SERVICE BULLETIN

FUEL INJECTION PUMP NEW PRODUCT



Announcement of Hyundai Vehicle G (6.8 L) Engine Common Rail System

1. Outline

- This bulletin announces the installation of DENSO common rail systems on new model G (6.8 L) engines for Hyundai vehicles.

2. Comparison with Conventional Models

- The basic construction is the same as a common rail systems for conventional type (6.3 L) engines. However, the number of injector nozzle holes (spray holes) has been changed from eight to nine to increase the fuel injection quantity in response to the engine displacement being increased from 6.3 L to 6.8 L.

	New G Engine (6.8 L)	Conventional Type G Engine (6.3L)
Release Date	March 2019	December 2014
Vehicle	Mega Truck	Mega Truck, Bus(Aero town, Green city)
Engine Displacement (Number of Cylinders)	6.8 L (Six-Cylinder)	6.3 L (Six-Cylinder)
Supply Pump	HP4 Positive Pressure Type (SCV : N/O)	←
Injector (Nozzle Holes)	G4S (9 holes)	G4S (8 holes)
Rail	with PRV	←
Exhaust Gas Post-Treatment	SCR + DPF	←
Emissions Regulations	Euro 6	←



3. Components

	New Model G Engine (6.8 L)	Conventional Type G Engine (6.3L)
Supply Pump	294050-069#	←
Injector	295700-117#	295700-022#
Rail	095600-573#	←
ECU	275700-488#	←

4. Common Rail System Configuration Diagram

- Only the injector nozzle specifications have been changed.

