

DTC P1275 FUEL PUMP

[YD (WITH EURO-OBD)]

DTC P1275 FUEL PUMP

PFP:16700

Description

EBS011EC

To control the amount of the fuel inhalation of the fuel pump, a plunger is built into the fuel pump. When the amount of the fuel inhalation of fuel increases, the fuel pump raises the fuel exhalation pressure. As a result, the fuel injection pressure is raised. When the load of the engine increases, the ECM sends a signal to fuel pump to raise the injection pressure.

CONSULT-II Reference Value in Data Monitor Mode

EBS011ED

Specification data are reference values.

MONITOR ITEM	CONDITION		SPECIFICATION
PUMP CURRENT	● Engine: After warming up ● Air conditioner switch: OFF ● Shift lever: Neutral position ● No-load	Idle	1,700 - 1,900 mA
		2,000 rpm	1,600 - 1,800 mA

On Board Diagnosis Logic

EBS011EF

This self-diagnosis has the one trip detection logic.

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
P1275 1275	Fuel pump exchange	Fuel pressure is too much higher than the target value.	● Harness or connectors (The fuel pump circuit is open or shorted.) ● Fuel pump ● Fuel rail pressure sensor

DTC Confirmation Procedure

EBS011EG

NOTE:

If DTC Confirmation Procedure has been previously conducted, always turn ignition switch OFF and wait at least 10 seconds before conducting the next test.

WITH CONSULT-II

1. Start engine and warm it up to normal operating temperature.
2. Select "DATA MONITOR" mode with CONSULT-II.
3. Keep engine speed more than 2,000 rpm for at least 60 seconds.
4. If DTC is detected, go to [EC-1272, "Diagnostic Procedure"](#).

DATA MONITOR	
MONITOR	NO DTC
CKPS-RPM (TDC)	XXX rpm

SEF817Y

WITH GST

Follow the procedure "WITH CONSULT-II" above.