

1A



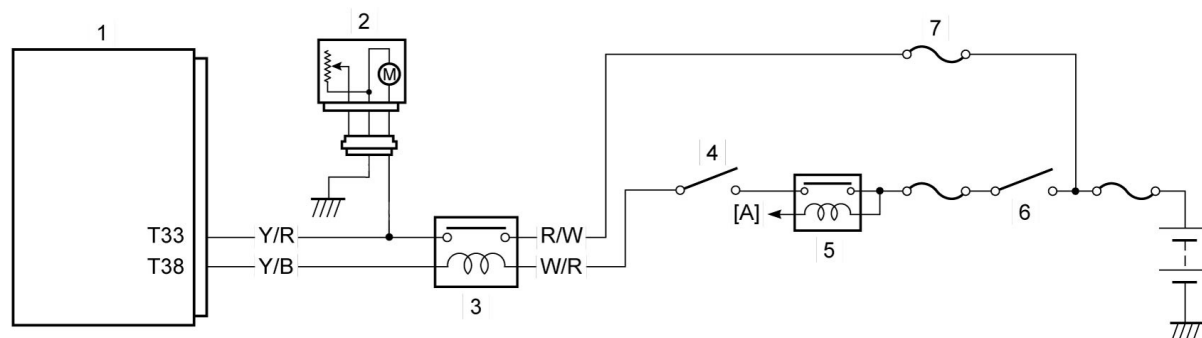
DTC P0230-H / P0230-L (C41)

DTC Detecting Condition and Trouble Area

DTC detecting condition	Trouble area
P0230-H: Unexpected Power Supply to Fuel Pump Voltage is applied to fuel pump although FP relay is turned OFF.	<ul style="list-style-type: none"> Fuel pump relay Fuel pump relay circuit ECM
P0230-L: Unexpected Power Cut to Fuel Pump No voltage is applied to fuel pump although FP relay is turned ON.	
C41: FP Relay Circuit Malfunction No voltage is applied to fuel pump.	

Wiring Diagram

Refer to [FI System Wiring Diagram](#).

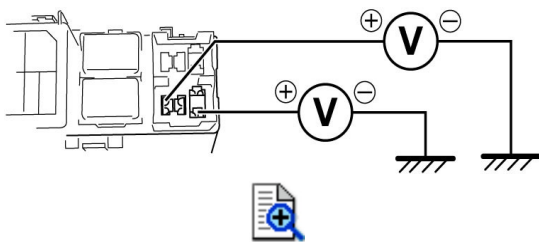


[A]:	To side-stand switch	3.	FP relay	6.	Ignition switch
1.	ECM	4.	Engine stop switch	7.	Fuel fuse
2.	Fuel pump	5.	Side-stand relay		

Troubleshooting

Step	Action	Yes	No
1	FP relay power supply circuit check 1) Turn the ignition switch OFF. 2) Remove the FP relay. 3) Check for proper terminal connection to the FP relay terminal. 4) If connections are OK, turn the ignition switch ON. 5) Check the following points. <ul style="list-style-type: none"> Voltage between W/R wire and ground is battery voltage. Voltage between R/W wire and ground is 	Go to Step 2.	Repair or replace the defective wire harness.

battery voltage.



Is voltage battery voltage?

2

FP relay check

Check the FP relay.

Is check result OK?

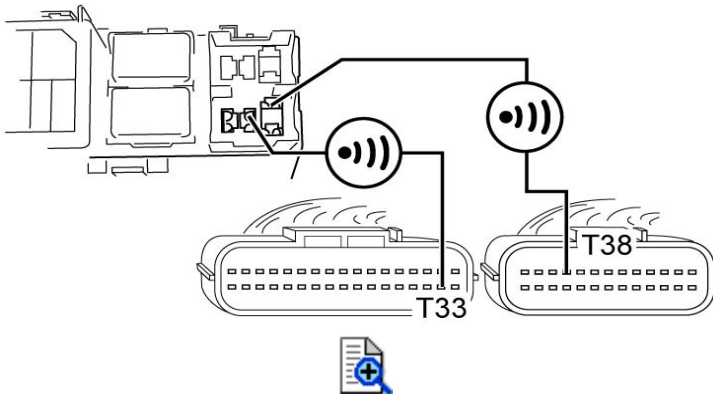
Go to Step 3.

Replace the FP relay.

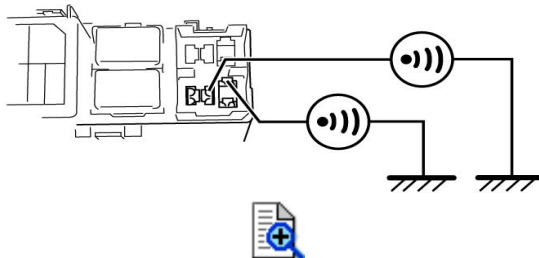
3

FP relay drive circuit check

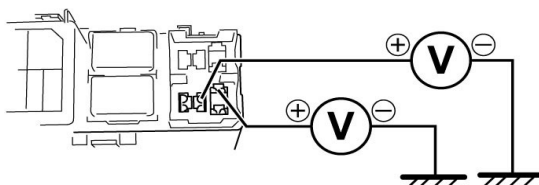
- 1) Turn the ignition switch OFF.
- 2) Disconnect the ECM couplers.
- 3) Check for proper terminal connection to the ECM couplers.
- 4) If connections are OK, check the following points.
 - Resistance
 - Y/R wire and Y/B wire: less than 1 Ω



- Between each of Y/R and Y/B wire and ground: infinity



- Voltage
 - Turn the ignition switch ON.
 - Y/R wire and Y/B wire: approx. 0 V





Is check result OK?