

1A



DTC P0201 (C32)

DTC Detecting Condition and Trouble Area

DTC detecting condition	Trouble area
P0201 (C32): Fuel Injector #1 Malfunction Fuel injector signal is interrupted by 4 times or more continuity although CKP signal is detected.	<ul style="list-style-type: none">Fuel injector #1Fuel injector #1 circuitECM

Wiring Diagram

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



[A]:	To engine stop switch	2.	Fuel injector #1
1.	ECM	3.	FP relay

Troubleshooting


Step	Action	Yes	No
1	Injector power supply circuit check 1) Turn the ignition switch OFF. 2) Disconnect the injector #1 coupler. Refer to Throttle Body Assembly Removal and Installation . 3) Check for proper terminal connection to the injector #1 coupler. 4) If connections are OK, turn the ignition switch ON. 5) Measure the voltage between Y/R wire and ground.	Go to Step 2.	Repair or replace the Y/R wire.

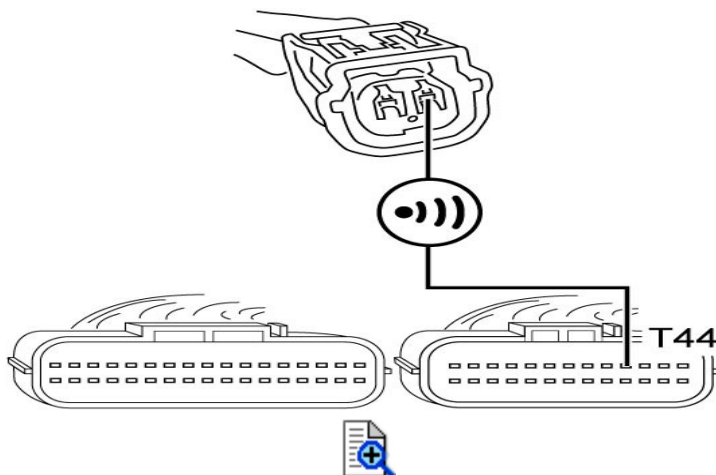


Is voltage battery voltage?

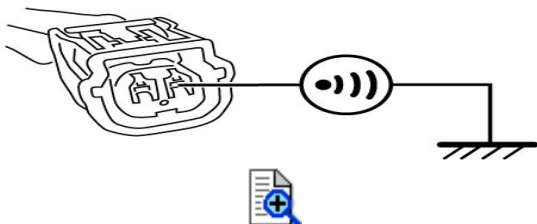
2

Injector drive circuit check

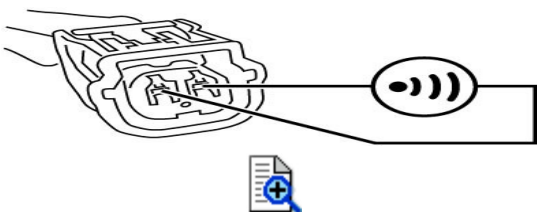
- 1) Turn the ignition switch OFF.
- 2) Disconnect the ECM couplers. 
- 3) Check for proper terminal connection to the ECM couplers.
- 4) If connections are OK, check the following points.
 - Resistance
 - Gr/W wire: less than 1 Ω



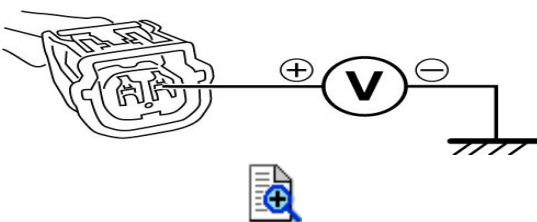
- Between Gr/W wire and ground: infinity



- Between Gr/W wire terminal and other terminal at injector #1 coupler: infinity



- Voltage
 - Turn the ignition switch ON.
 - Gr/W wire: approx. 0 V



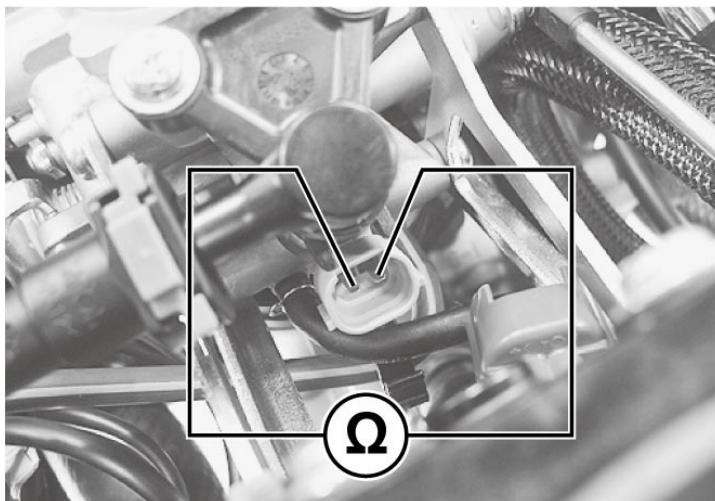
Is check result OK?

Go to Step 3.

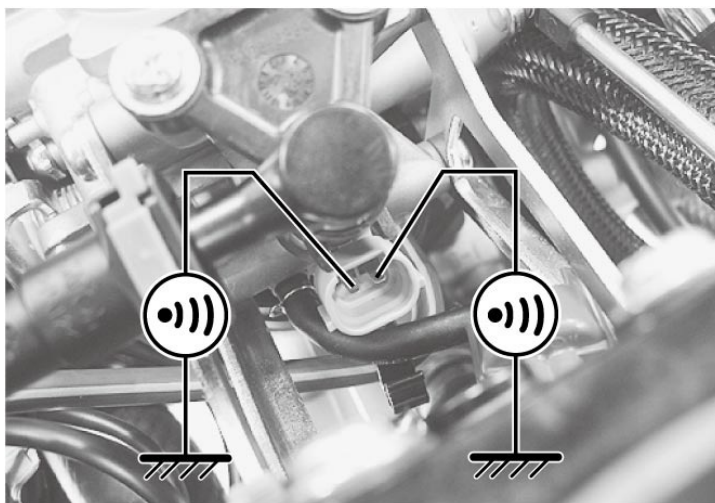
Repair or replace the defective wire harness.

3**Injector resistance check**

- 1) Turn the ignition switch OFF.
- 2) Check the following points.
 - Resistance
 - Terminal and Terminal: 11.5 – 12.5 Ω (at 20 °C (68 °F))



- Continuity
 - Each terminal and ground: infinity



Is check result OK?

Replace the ECM with a known good one, and inspect it again.

Replace the injector #1 with a new one.