

1A



DTC P2505 (C41)

DTC Detecting Condition and Trouble Area

DTC detecting condition	Trouble area
P2505 (C41): ECM Power Input Signal Circuit Malfunction No voltage is applied to the ECM, although the ignition switch is turned ON.	<ul style="list-style-type: none"> Lead wire / coupler connection of ECM terminal to fuel fuse Fuel fuse ECM power supply ECM

Wiring Diagram

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



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

Troubleshooting

Step	Action	Yes	No
1	ECM power supply 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, Measure the voltage between R/W and ground. 	Replace the ECM with a known good one, and inspect it again.	Check FUEL fuse for blowout. If fuse is not blown, repair or replace the R/W wire.



Is voltage battery voltage?