DTC 85 PCV RELAY CIRCUIT MALFUNCTION

CIRCUIT DESCRIPTION

The ECM outputs DTC 85 when a malfunction exists in the PCV relay system.

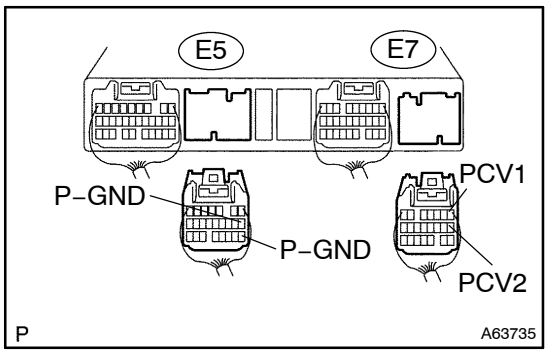
DTC No.	DTC Detection Condition	Trouble Area
85	PCV relay circuit malfunction	• Short in PCV relay circuit • PCV relay • ECM

WIRING DIAGRAM

Refer to DTC 78 (2) on page 05–157.

INSPECTION PROCEDURE

1 CHECK ECM (VOLTAGE)



(a) Turn the ignition switch to LOCK.
(b) Disconnect the E7 and E5 ECM connectors.
(c) Check the voltage of the vehicle side connector.

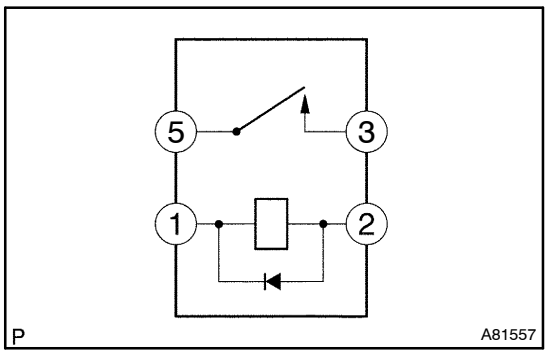
Standard:

Symbols (Terminal No.)	Specified Condition
PCV1 (E7–1) ⇔ P–GND (E5–8, 17)	0 ± 0.5 V
PCV2 (E7–8) ⇔ P–GND (E5–8, 17)	

NG → **REPLACE ECM**

OK

2 CHECK PCV RELAY



(a) Remove the PCV relay from the relay block No. 2.
(b) Inspect the PCV relay continuity.
  (1) Using an ohmmeter, check that there is no continuity between terminals 3 and 5.
  (2) Check that there is continuity between terminals 1 and 2.

NG → **REPLACE PCV RELAY**

OK

CHECK FOR SHORT IN WIRE HARNESS AND CONNECTOR BETWEEN ECM AND PCV RELAY (See page 01–27)