DI7DH–01

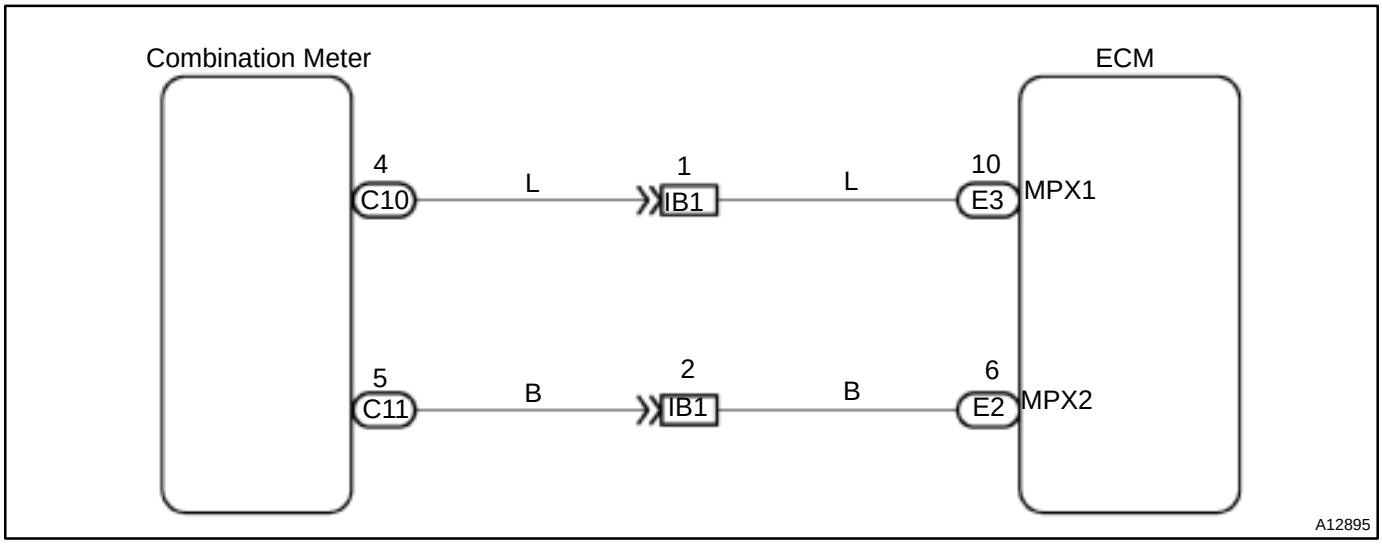
DTC	P1645	Body ECU Malfunction

CIRCUIT DESCRIPTION

The ECM receives the operating condition (ON/OFF) of the A/C from the combination meter and it also receives the electrical load information from the body ECU.
The ECM uses the information to control the engine (idle up, etc.).

DTC No.	DTC Detection Condition	Trouble Area
P1645	Condition below continues for 3.0 sec. No communication from body ECU	• Body ECU • A/C ECU • Vane pump assembly with motor • Air bag sensor assembly • ABS ECU • Communication bus • Combination meter

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:
Read freeze frame data using TOYOTA hand–held tester or OBD II scan tool. Because freeze frame records the engine conditions when the malfunction is detected. When troubleshooting, it is useful for determining whether the vehicle was running or stopped, the engine was warmed up or not, the air–fuel ratio was lean or rich, etc. at the time of the malfunction.

1	**Check body ECU (See page DI–1).**

NG → **Replace body ECU.**

OK

2	Check combination meter (See page BE–40).

NG → Replace combination meter.

OK

3	Check harness and connector between combination meter and body ECU, ECM and combination meter (See page IN–28).

NG → Repair or replace harness or connector.

OK

Check and replace ECM (See page IN–28).