

KICK DOWN SWITCH CIRCUIT

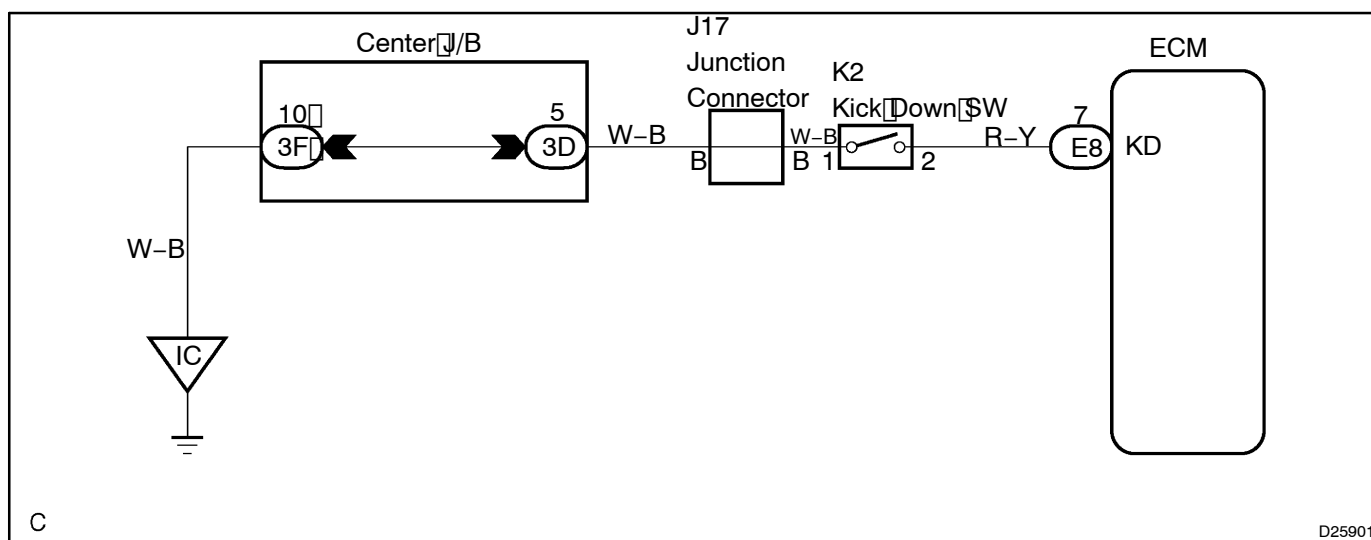
CIRCUIT DESCRIPTION

The kick-down switch is turned ON when the accelerator pedal is depressed to the full throttle and sends signals to ECM.

When the kick-down switch is turned ON, the ECM controls gear shifting according to the programmed shift diagrams.

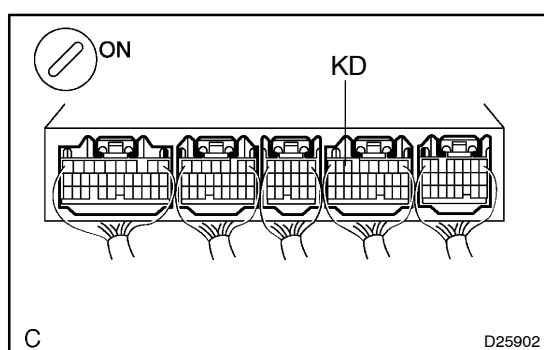
If a short circuit develops in the kick-down switch, the ECM disregards the kick-down signals and controls shifting at the normal shift points.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT TERMINAL VOLTAGE



- Turn the ignition switch ON.
- Measure voltage between terminal KD of ECM and body ground when accelerator pedal is fully depressed or not.

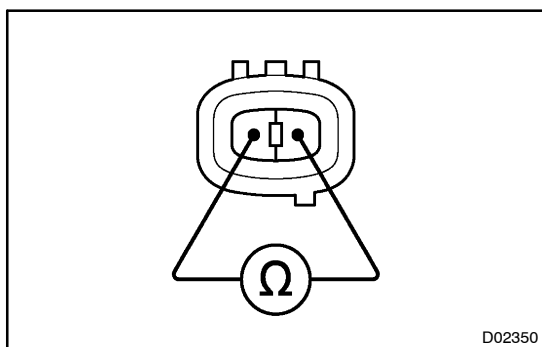
OK:

Accelerator pedal	Voltage
Fully depressed (Kick-down switch is ON)	Below 1 V
Released (Kick-down switch is OFF)	10 – 14 V

OK

**PROCEED TO NEXT CIRCUIT INSPECTION
SHOWN ON PROBLEM SYMPTOM TABLE
(See page 05-362)**

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2 INSPECT KICK-DOWN SWITCH

- (a) Disconnect the kick-down switch connector.
(b) Measure continuity between terminals 1 and 2 of the kick-down switch connector when kick-down switch is ON and OFF.

OK:

Kick-down switch	Continuity
ON	Continuity
OFF	No continuity

NG**REPLACE KICK-DOWN SWITCH****OK****3 CHECK HARNESS AND CONNECTOR****NG****REPAIR OR REPLACE HARNESS AND CONNECTOR (See page 01-30)****OK****CHECK AND REPLACE ECM (See page 01-30)**