

KICK DOWN SWITCH CIRCUIT

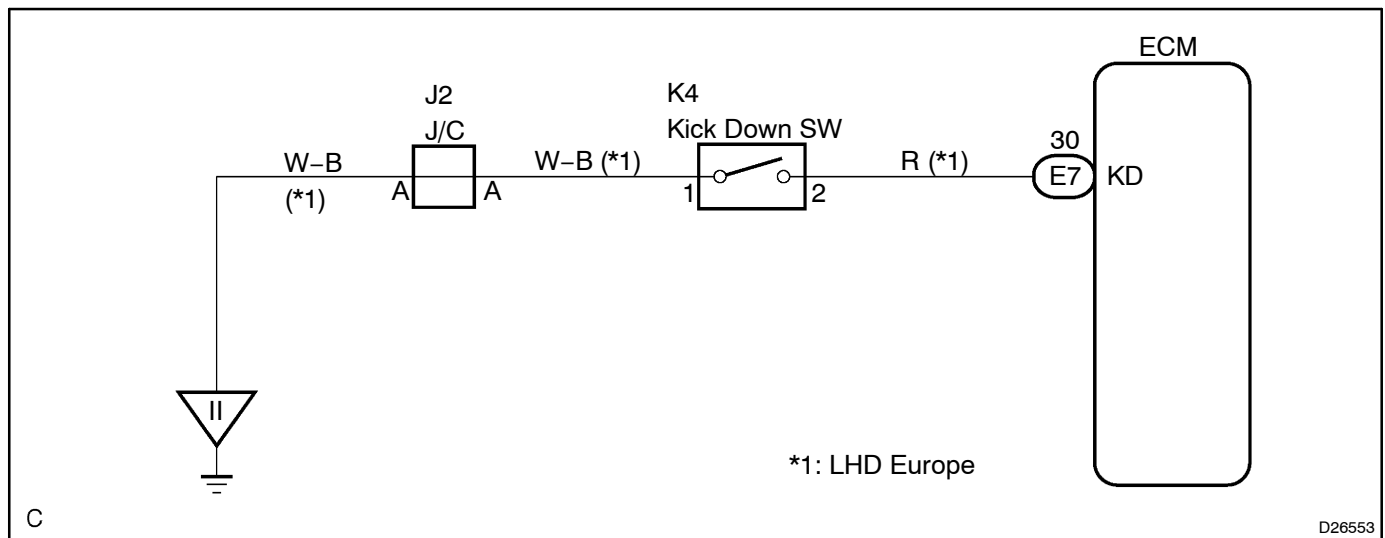
CIRCUIT DESCRIPTION

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.

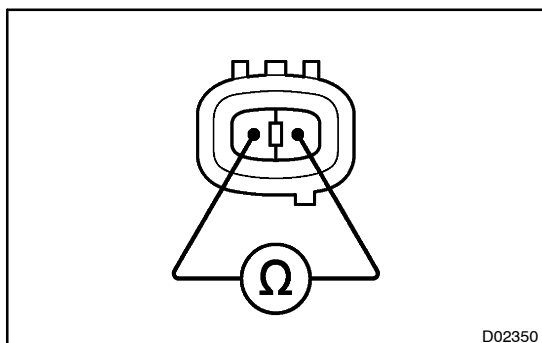
If a short circuit develops in the kick-down switch, the ECM disregards the kick-down signals and controls shifting at the normal shift points.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT KICK-DOWN SWITCH



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

OK:

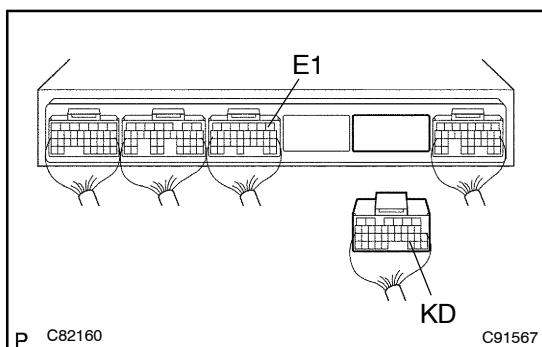
Kick-down switch	Continuity
ON	Continuity
OFF	No continuity

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REPLACE KICK-DOWN SWITCH

OK

2 CHECK HARNESS AND CONNECTOR (KICK-DOWN SWITCH-ECM)



- Connect the connector of kick-down switch connector.
- Turn the ignition switch ON.
- Check continuity between terminals KD and E1 of ECM when accelerator pedal is fully depressed or not.

OK:

Accelerator pedal	Specified condition
Fully depressed (Kick-down switch is ON)	Continuity
Released (Kick-down switch is OFF)	No continuity

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REPAIR OR REPLACE HARNESS OR CONNECTOR (See page 01-31)

OK

CHECK AND REPLACE ECM (See page 01-31)