

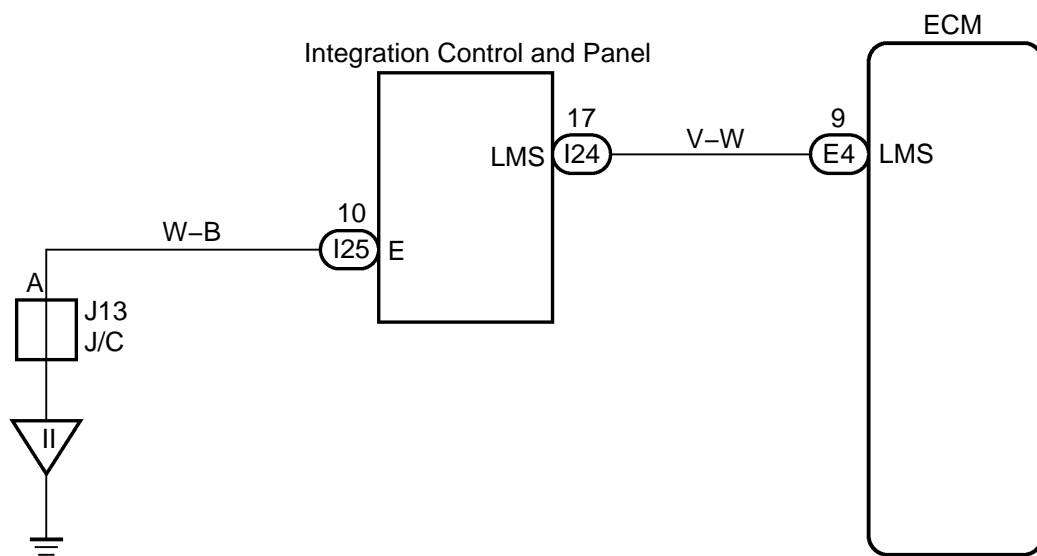
## Shift Position L Switch Circuit

### CIRCUIT DESCRIPTION

The shift position L switch is a momentary type switch. When the shift position L switch is pressed while driving with the shift lever in the 2 position, the L position indicator on the combination meter comes on and the transmission is locked in 1st gear. When the switch is pressed again, the indicator goes off and the transmission is released.

### WIRING DIAGRAM

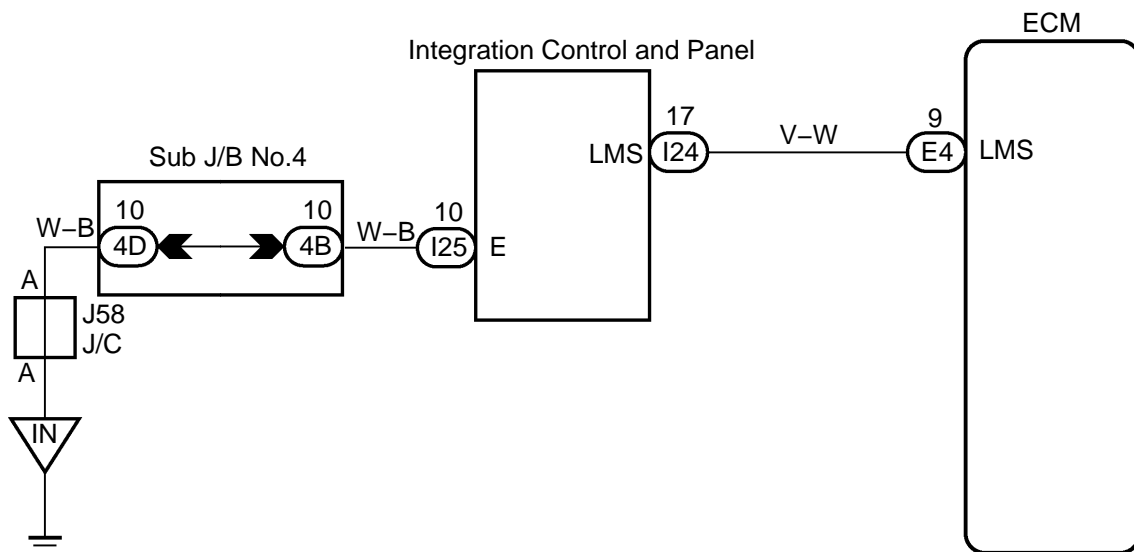
Except Double Cab:



N

D14233

Double Cab:



N

D14244

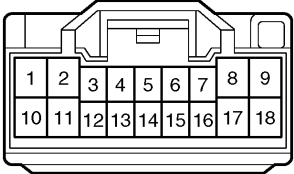
INSPECTION PROCEDURE

1

Check harness and connector (shift position L switch – body ground).

Wire Harness Side:  
(Connector Front View):

I25



N

D14179

PREPARATION:

Remove the center cluster integration panel assembly (shift position L switch).

CHECK:

Measure the resistance according to the value(s) in the table below.

OK:

Tester Connection	Specified Condition
10 – Body ground	Below 1 Ω

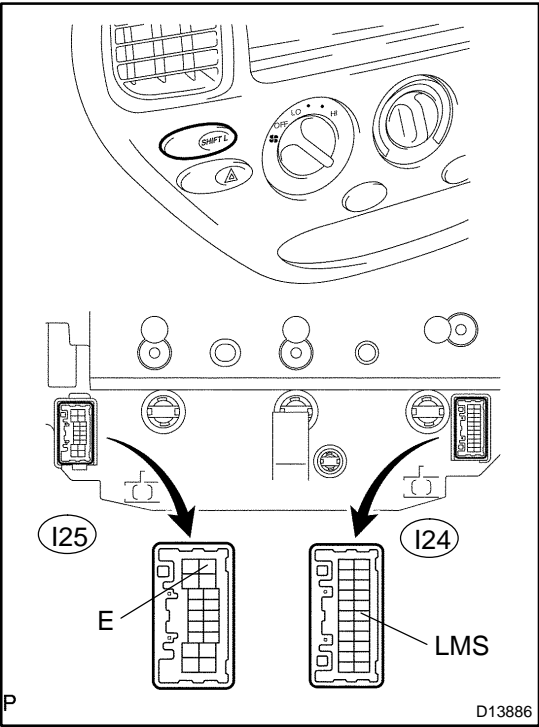
NG

Repair or replace the harness or connector  
(See page IN-30).

OK

2

Inspect center cluster integration panel (shift position L switch).



P

D13886

CHECK:

Measure the resistance according to the value(s) in the table below.

OK:

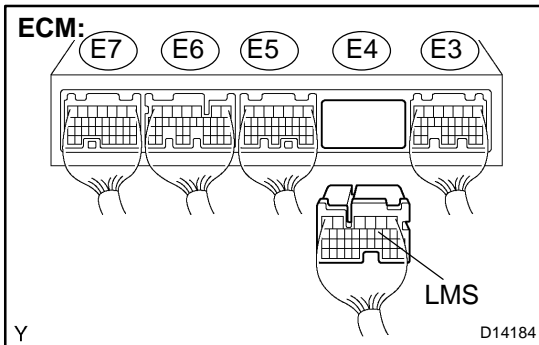
Switch Condition	Tester Connection	Specified Condition
Shift position L switch pressed and held	I24 – 17 (LMS) – I25 – 10 (E)	Below 1 Ω
Shift position L switch released	↑	10 kΩ or higher

NG

Replace center cluster integration panel  
(shift position L switch).

OK

### 3 Check harness and connector (shift position L switch – ECM).



#### PREPARATION:

- Install the center cluster integration panel assembly (shift position L switch).
- Disconnect the connector from the ECM.

#### CHECK:

Measure the resistance according to the value(s) in the table below.

#### OK:

Switch Condition	Tester Connection	Specified Condition
Shift position L switch pressed and held	E4 – 9 (LMS) – Body ground	Below 1 $\Omega$
Shift position L switch released	$\uparrow$	10 k $\Omega$ or higher

NG

Repair or replace the harness or connector (See page [IN-30](#)).

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-1136](#)).