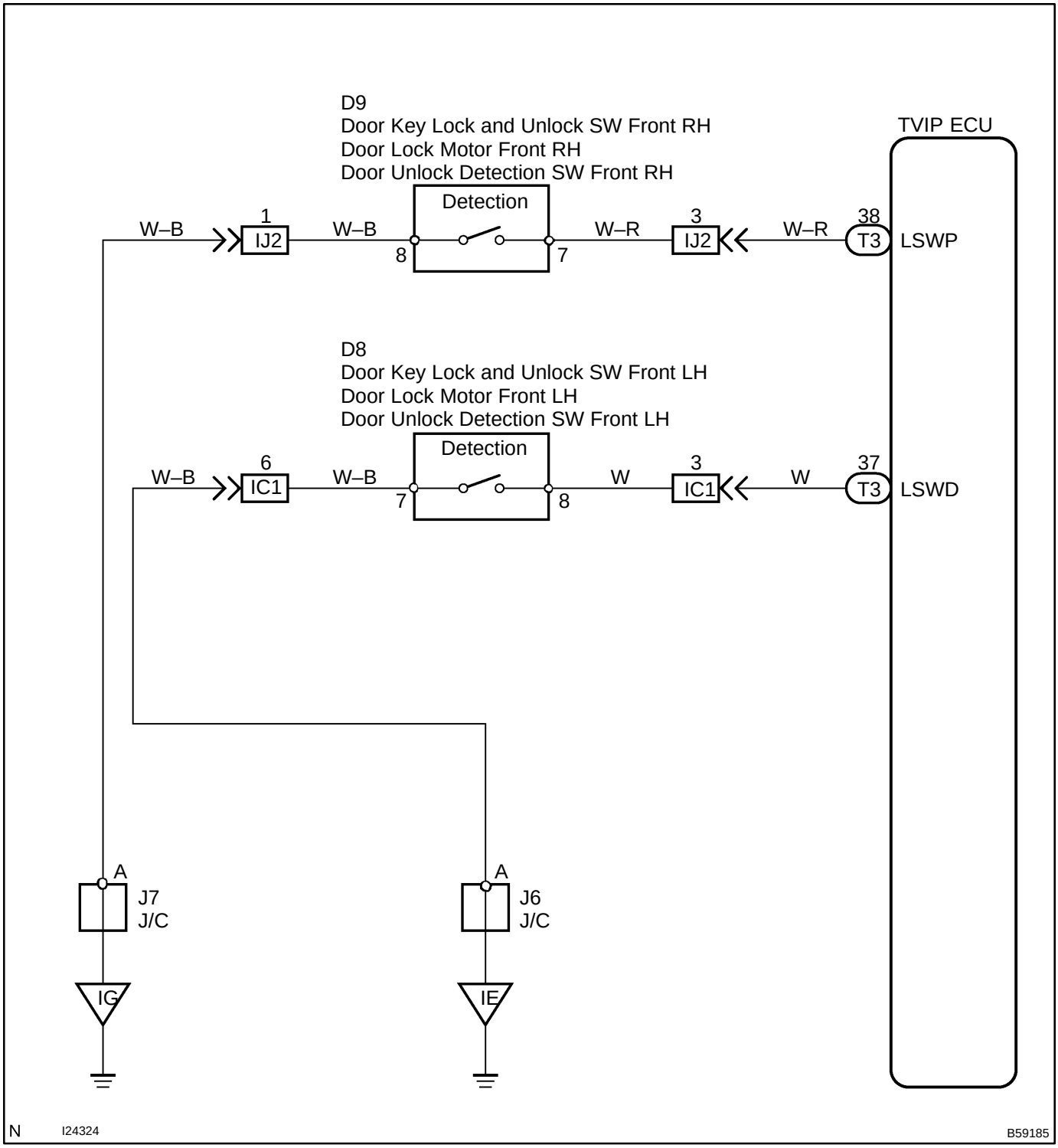
DOOR UNLOCK DETECTION SWITCH CIRCUIT

CIRCUIT DESCRIPTION

The door unlock detection switch is built in the door lock motor assembly. This switch is ON when the door lock knob is in the unlock position and OFF when the knob is in the lock position. The ECU detects the door lock knob conditions in this circuit.

WIRING DIAGRAM



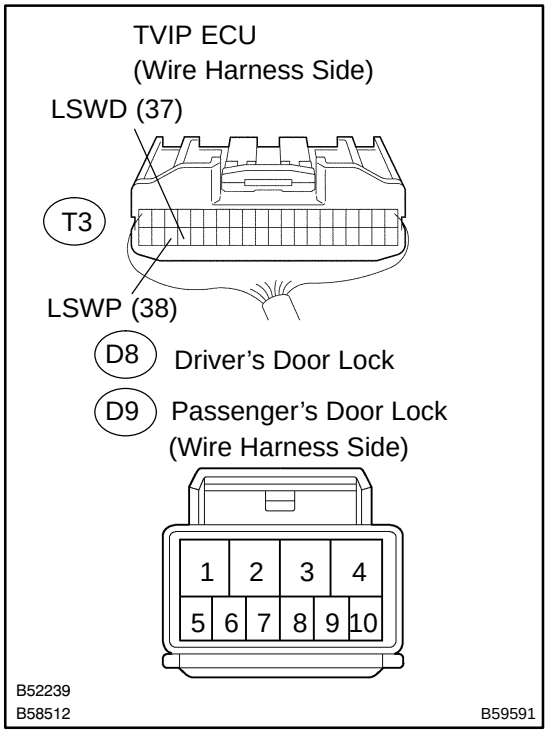
INSPECTION PROCEDURE

1	CHECK DOOR LOCK (See page 73–3)

NG → REPLACE DOOR LOCK

OK

2	CHECK WIRE HARNESS (TVIP ECU ⇔ DOOR LOCK)



(a) Disconnect the TVIP ECU and door lock connectors.
(b) Check the continuity between the terminals of the TVIP ECU and door lock connectors, as shown in the illustration and table.

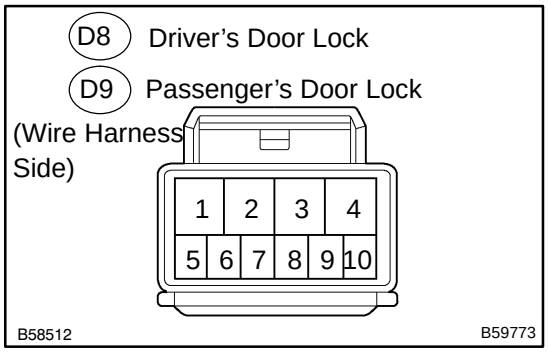
Standard:

Symbols (Terminal No.) (TVIP ECU ⇔ Door lock)	Specified condition
LSWD (T3–37) ⇔ D8–8	Continuity
LSWP (T3–38) ⇔ D9–7	Continuity

NG → REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR

OK

3	CHECK WIRE HARNESS (DOOR LOCK ⇔ BODY GROUND)



(a) Disconnect the door lock connector.
(b) Check the continuity between the terminal of the door lock connector and the body ground, as shown in the illustration and table.

Standard:

Terminal No. (Door lock ⇔ Body ground)	Specified condition
D9–8 ⇔ Body ground	Continuity
D8–7 ⇔ Body ground	

NG → REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–707)