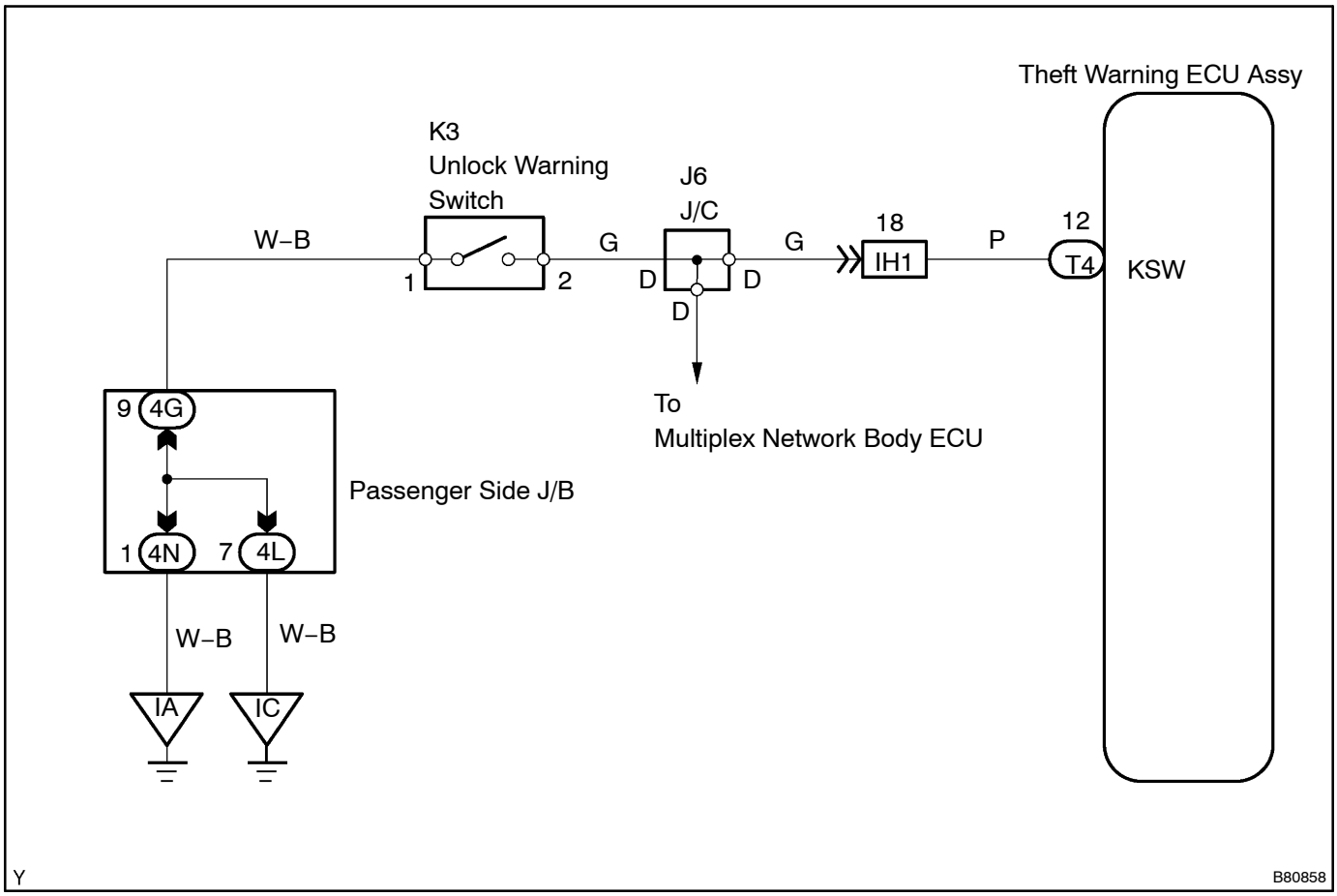
UNLOCK WARNING SWITCH CIRCUIT

CIRCUIT DESCRIPTION

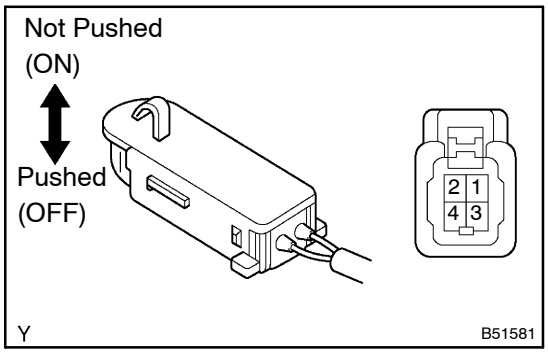
The key unlock warning switch turns on when the ignition key is inserted in the ignition key cylinder and turns off when the ignition key is removed.
The ECU operates the key confinement prevention function while the key unlock warning switch is ON.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT UNLOCK WARNING SWITCH ASSY



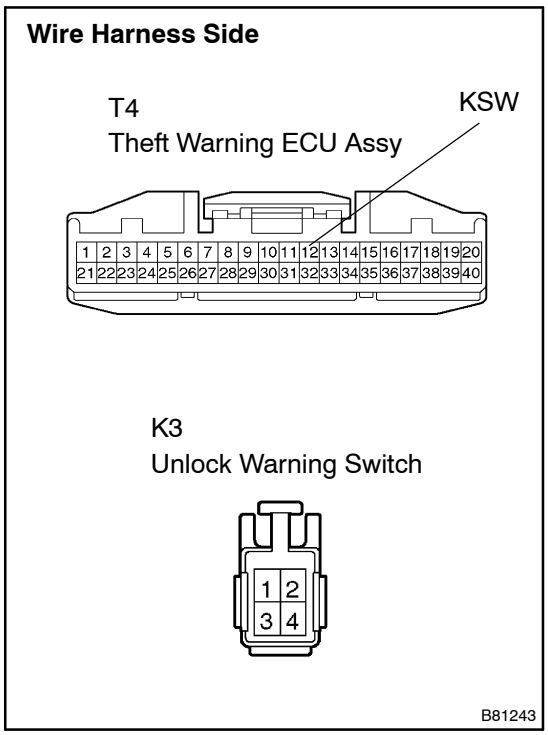
(a) Remove the warning switch.
(b) Measure the resistance of the switch.
Standard:

Tester Connection	Condition	Specified Condition
1 – 2	Not pushed (ON (key inserted))	Below 1 Ω
1 – 2	Pushed (OFF (key removed))	10 kΩ or higher

NG → **REPLACE UNLOCK WARNING SWITCH ASSY**

OK

2 CHECK WIRE HARNESS (THEFT WARNING ECU ASSY – UNLOCK WARNING SWITCH ASSY)



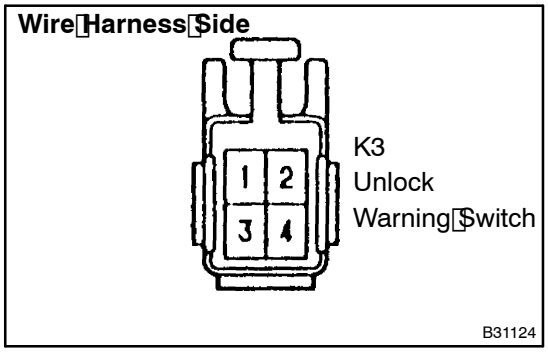
(a) Disconnect the T4 ECU connector.
(b) Disconnect the K3 switch connector.
(c) Measure the resistance of the wire harness side connectors.
Standard:

Tester Connection	Specified Condition
T4–12 (KSW) – K3–2	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

3	CHECK WIRE HARNESS (UNLOCK WARNING SWITCH ASSY – BODY GROUND)



(a) Disconnect the K3 switch connector.
(b) Measure the resistance of the wire harness side connector.

Standard:

Tester Connection	Specified Condition
K3–1 – Body ground	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–1102)