

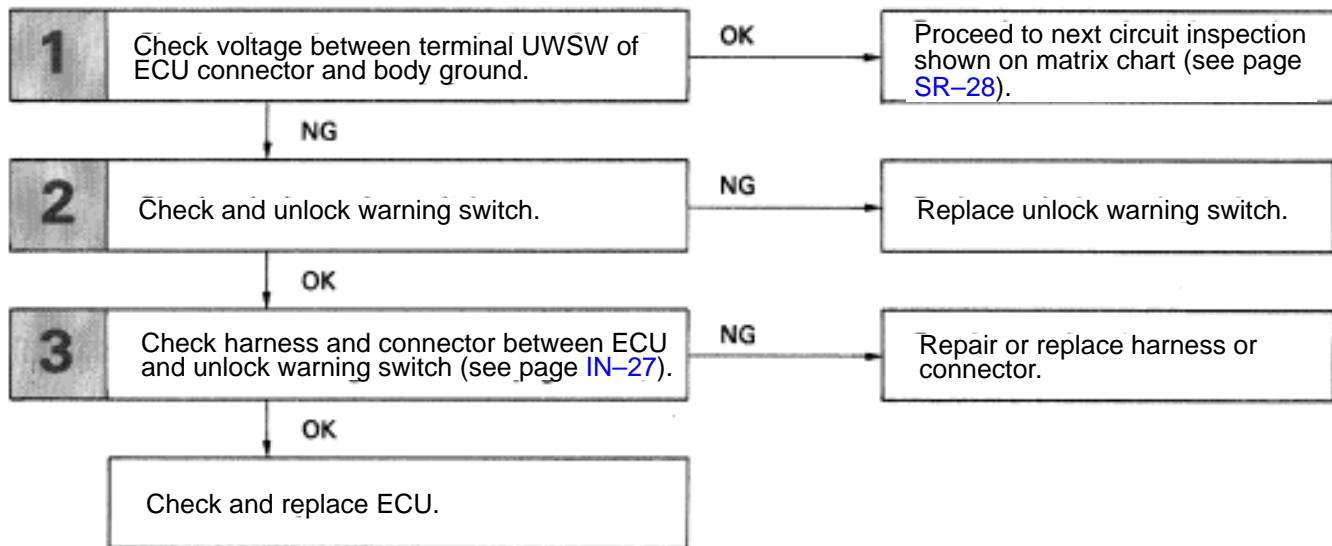
Unlock Warning Switch Circuit

— CIRCUIT DESCRIPTION —

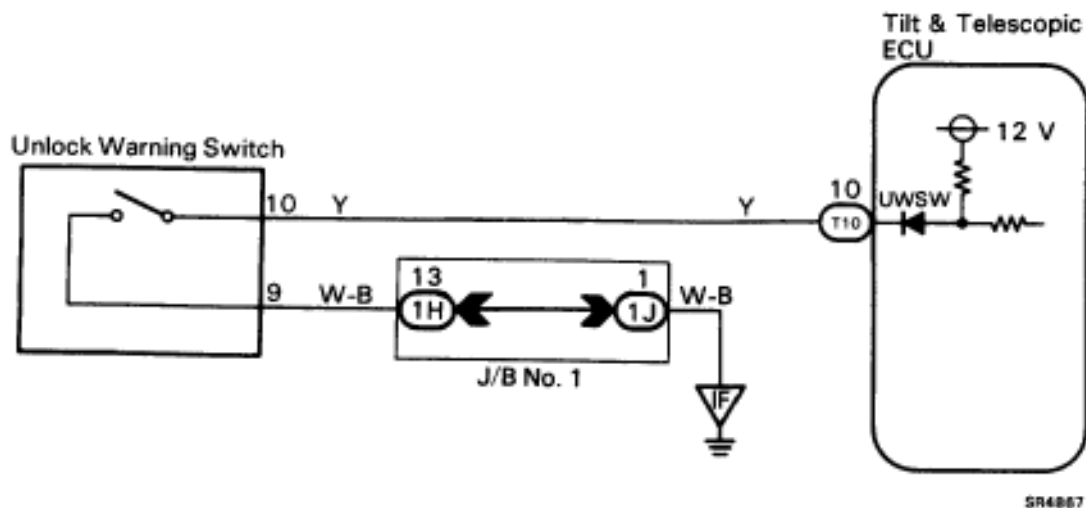
Whether or not the key is inserted in the key cylinder is detected and a signal is sent to the ECU.
(The switch is ON (closed) when the ignition key is inserted.)

Ignition key	Unlock Warning Switch	UWSW Voltage
Out	Opened	10–14 V
In	Closed	Below 1 V

— DIAGNOSTIC CHART —



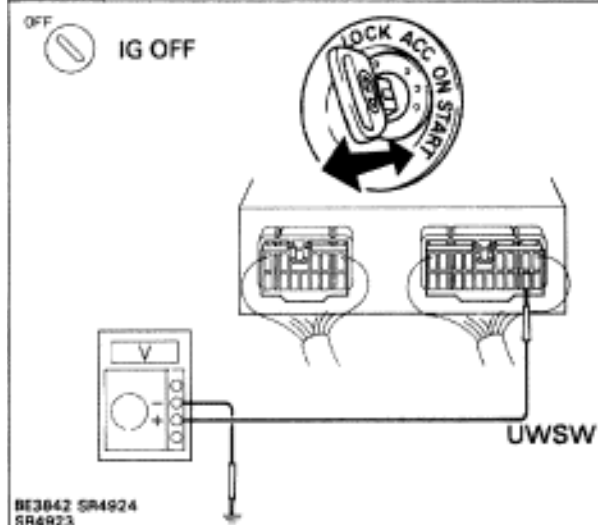
WIRING DIAGRAM



INSPECTION PROCEDURE

1

Check voltage between terminal UWSW of ECU connector and body ground.



P

Remove ECU with connectors still connected.

C

Measure voltage between terminal UWSW of ECU connector and body ground with the ignition key inserted, or removed.

OK

Ignition Key	Voltage
Inserted	Below 1 V
Removed	10 – 14 V

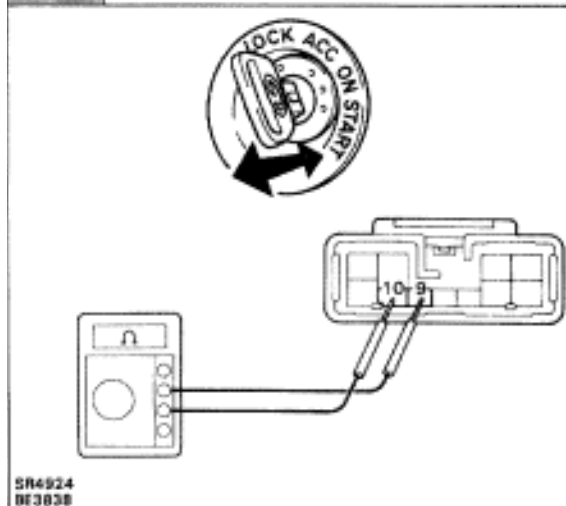
NG

OK

Proceed to next circuit inspection shown on matrix chart (See page [SR-28](#)).

2

Check unlock warning switch.



P

Disconnect unlock warning switch connector.

C

Measure resistance between terminals 9 and 10 of unlock warning switch connector with the ignition key inserted or removed.

OK

Ignition Key	Resistance
Inserted	Continuity
Removed	1 MΩ or higher

OK

NG

Replace unlock warning switch.

3

Check harness and connector between ECU and unlock warning switch (See page [IN-27](#)).

OK

NG

Repair or replace harness or connector.

Check and replace ECU.