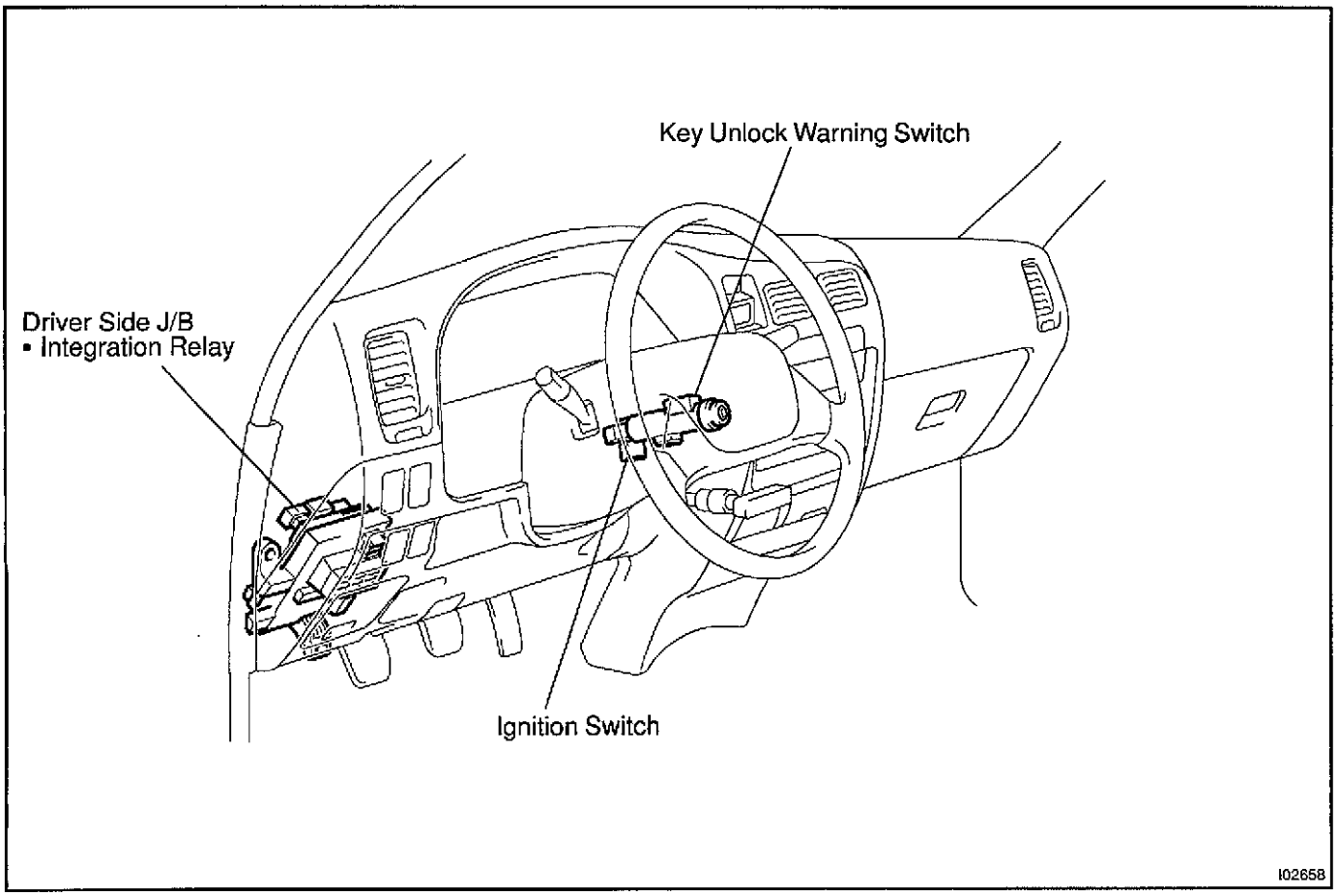
IGNITION SWITCH AND KEY UNLOCK WARNING SWITCH

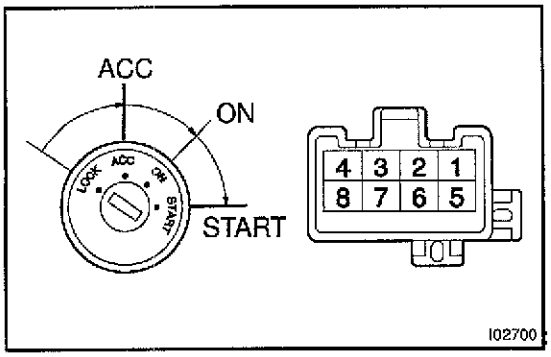
LOCATION

BE03P–01



BE05Q-01

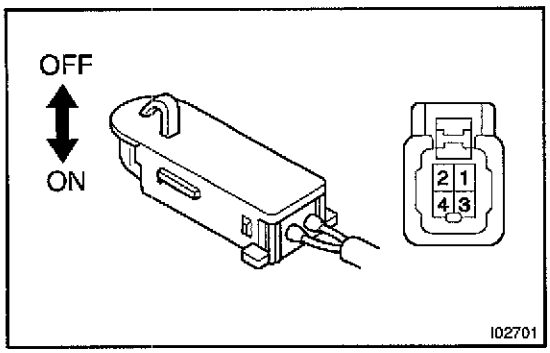
INSPECTION



1. INSPECT IGNITION SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
LOCK	–	No continuity
ACC	2 – 3	Continuity
ON	2 – 3 – 4 6 – 7	Continuity
START	1 – 2 – 4 6 – 7 – 8	Continuity

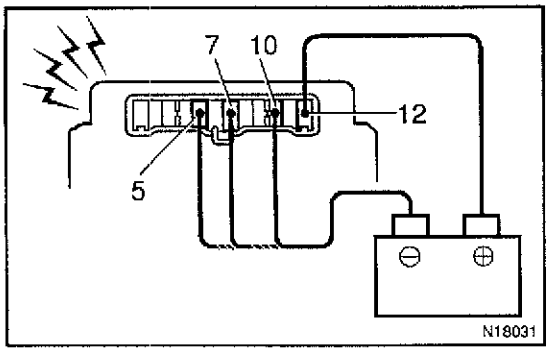
If continuity is not as specified, replace the switch.



2. INSPECT KEY UNLOCK WARNING SWITCH CONTINUITY

Condition	Tester connection	Specified condition
Switch OFF (Key removed)	–	No continuity
Switch ON (Key set)	1 – 2	Continuity

If continuity is not as specified, replace the switch.

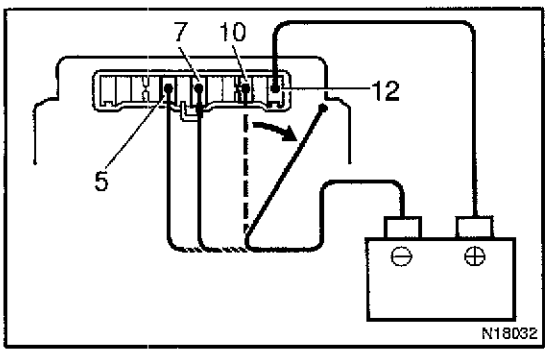


3. Key Unlock Warning System: INSPECT INTEGRATION RELAY OPERATION

(a) Connect the positive (+) lead from the battery to terminal12.

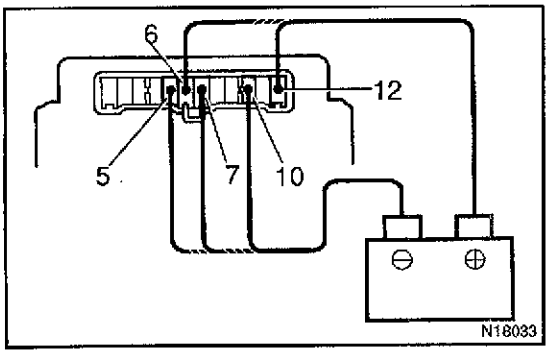
(b) Connect the negative (–) lead from the battery to terminals 5, 7 and 10.

(c) Check the chime sounds.



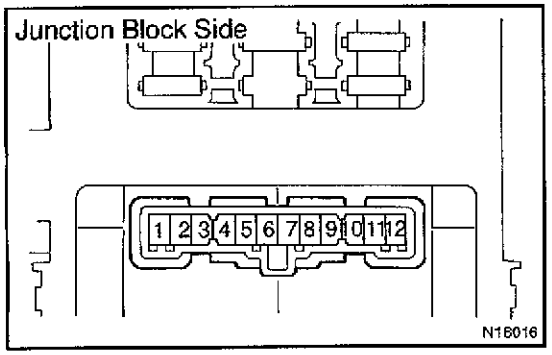
(d) Disconnect the negative (–) lead from the battery to terminal 10.

(e) Check that the chime stops sounding.



(f) Connect the negative (–) lead from the battery to terminal 10.
(g) Connect the positive (+) lead from the battery to terminal 6.
(h) Check that the chime stops sounding.

If operation is not as specified, replace the relay.

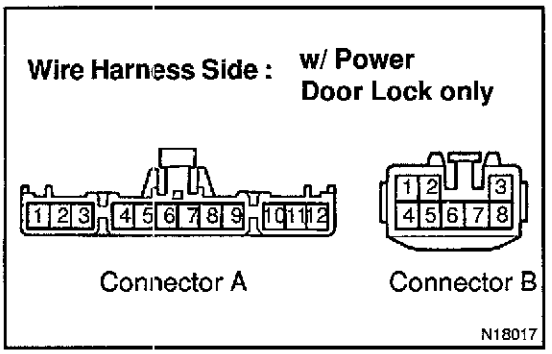


4. INSPECT INTEGRATION RELAY CIRCUIT

(a) Remove the relay from the junction block No.1 and inspect the connectors on the junction block side.

Tester connection	Condition	Specified condition
7 – Ground	Constant	Continuity
9 – Ground	Passenger's door courtesy switch OFF (Room light switch OFF)	Continuity
9 – Ground	Passenger's door courtesy switch ON (Room light switch OFF)	No continuity
4 – Ground	Light control switch OFF	No voltage
4 – Ground	Light control switch TAIL or HEAD	Battery voltage
6 – Ground	Ignition switch LOCK or ACC	No voltage
6 – Ground	Ignition switch ON	Battery positive voltage
8 – Ground	Ignition switch LOCK	No voltage
8 – Ground	Ignition switch ACC or ON	Battery voltage
11 – Ground	Constant	Battery voltage
12 – Ground	Constant	Battery voltage

If circuit is as specified, try replacing the relay with a new one.
If circuit is not as specified, inspect the circuits connected to other parts.



(b) Disconnect the connector from the integration relay and inspect the connectors on the wire harness side.

Tester connection	Condition	Specified condition
A3 – Ground	Driver's buckle switch OFF	Continuity
A3 – Ground	Driver's buckle switch ON	No continuity
A5 – Ground	Driver's door courtesy switch OFF	Continuity
A5 – Ground	Driver's door courtesy switch ON	No continuity
A10 – Ground	Key unlock warning switch OFF	No continuity
A10 – Ground	Key unlock warning switch ON	Continuity
B5 – Ground	Door lock control switch OFF	No continuity
B5 – Ground	Door lock control switch LOCK	Continuity
B6 – Ground	Door lock control switch OFF	No continuity
B6 – Ground	Door lock control switch UNLOCK	Continuity
A12 – Ground	Constant	Battery voltage