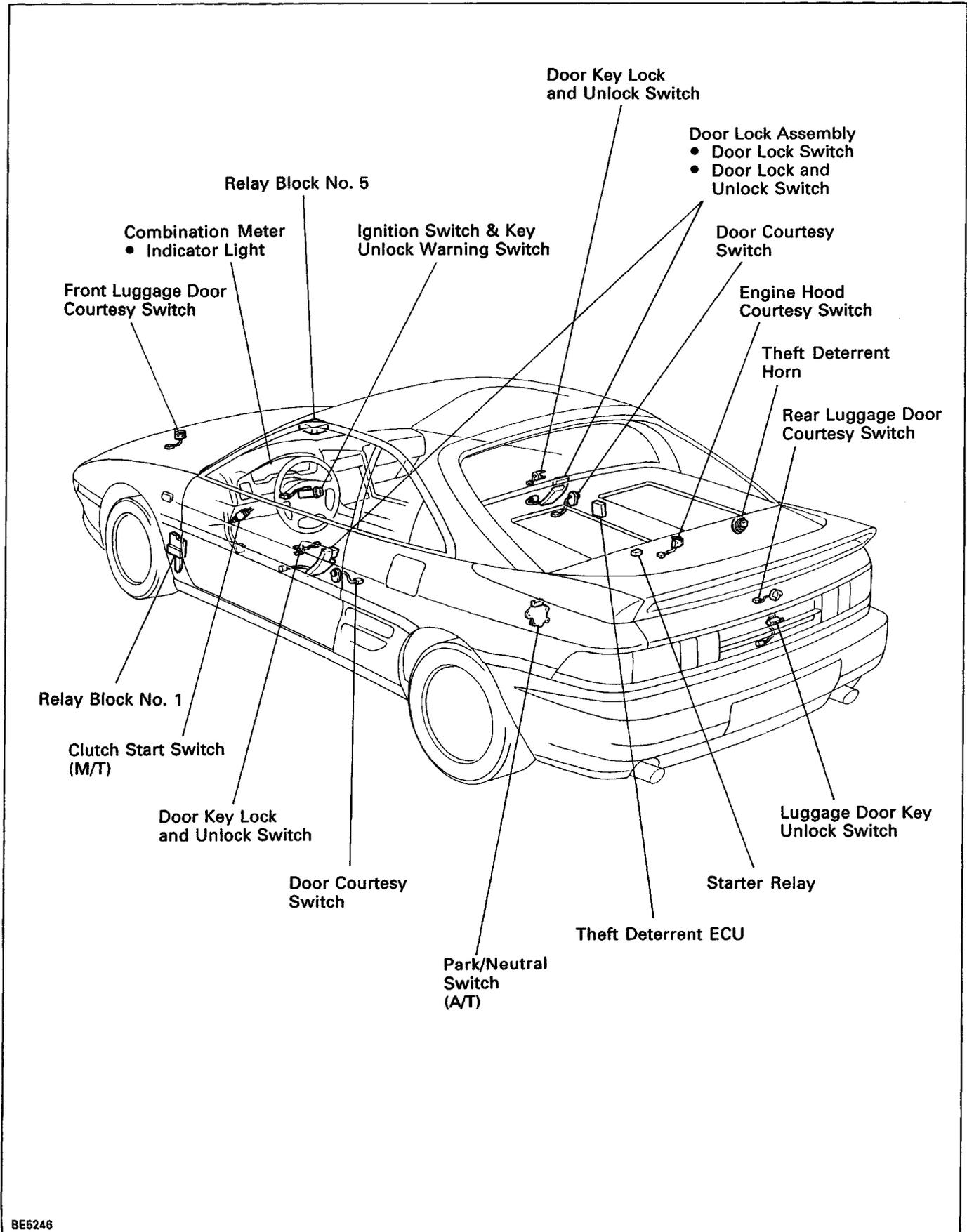
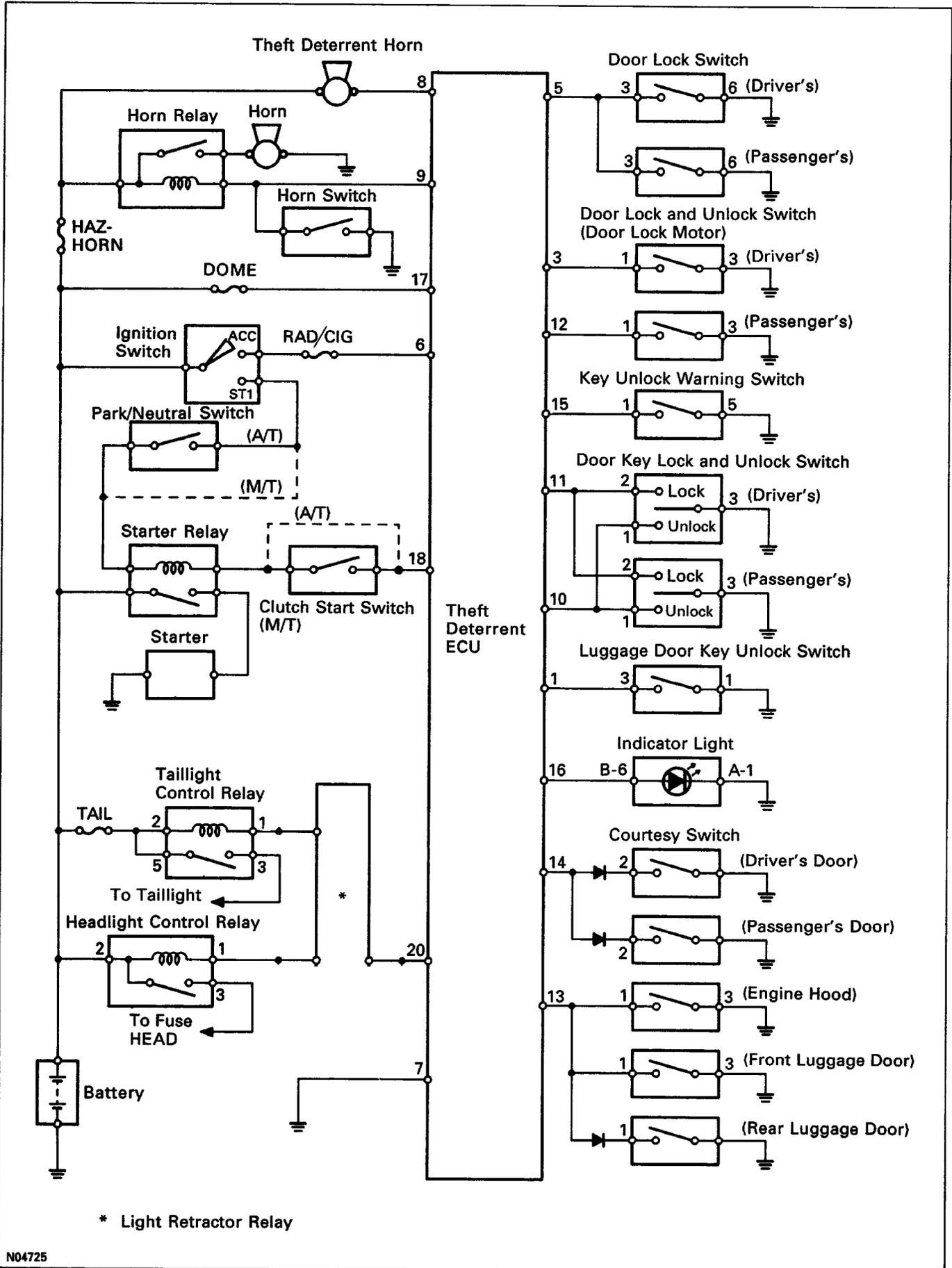


THEFT DETERRENT SYSTEM PARTS LOCATION

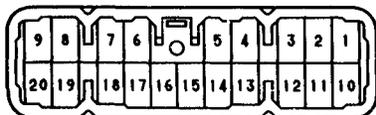


WIRING DIAGRAM



CONNECTOR DIAGRAMS

Theft Deterrent ECU



e-20-2-C

Door Key Lock and Unlock Switch



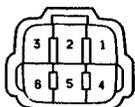
le-3-1

Luggage Door Key Unlock Switch



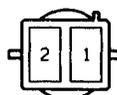
GA-3-1

Door Lock Assembly



IS-6-2-B

Theft Deterrent Horn



IA-2-2

Courtesy Switch

(Engine Hood)



IU-3-2

(Front Luggage Door)



IU-3-2

(Rear Luggage Door)



e-1-1

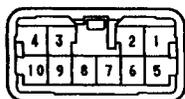
(Door)



e-2-1-G

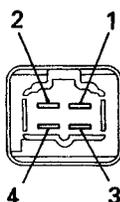
Ignition Switch

• Key Unlock Warning Switch



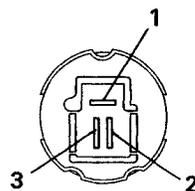
g-10-2-B

Starter Relay



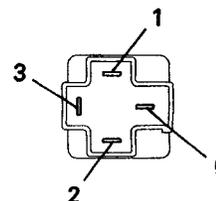
ST0280

Headlight Control Relay



BE2763

Taillight Control Relay



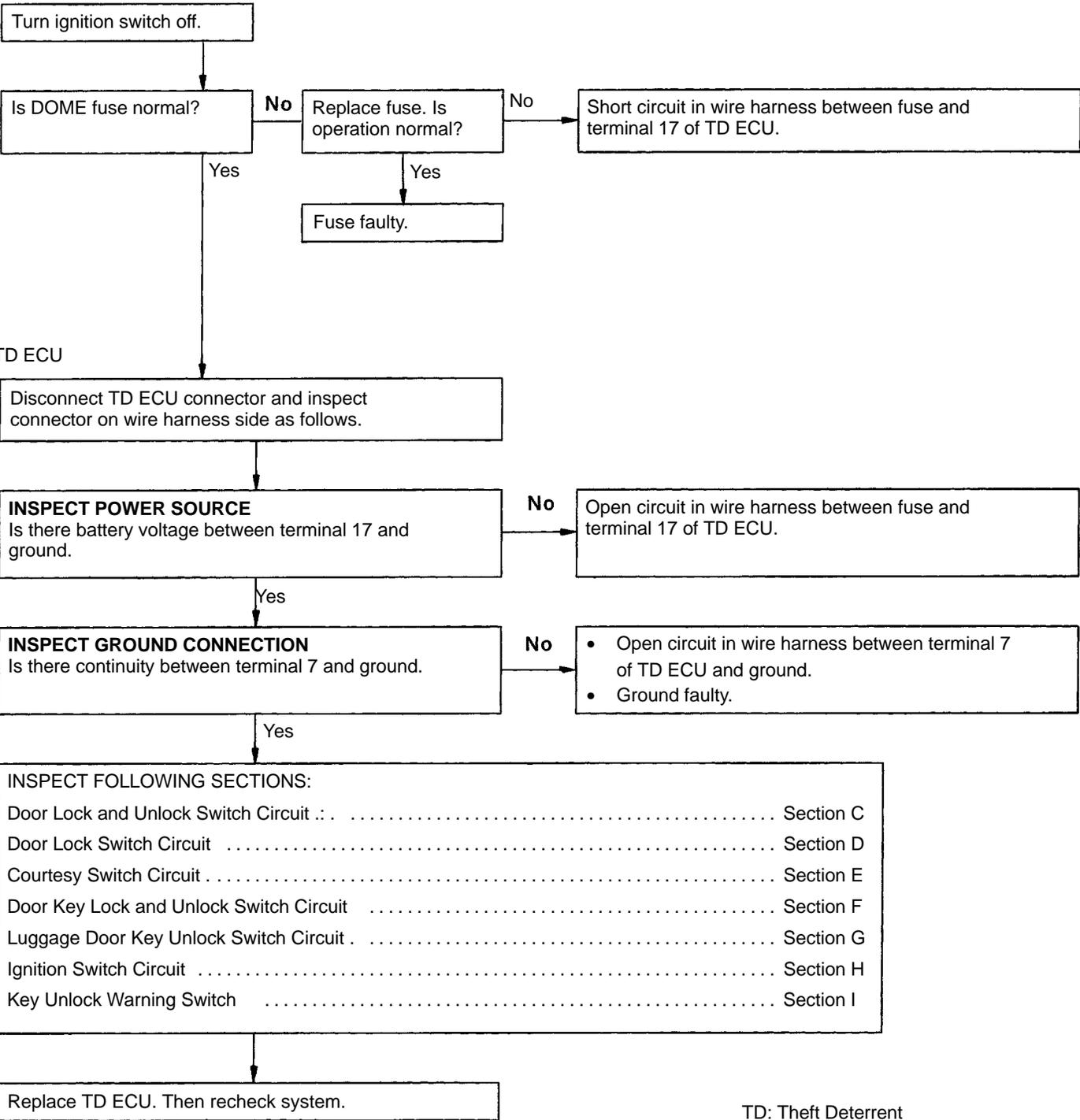
BE4049

TROUBLESHOOTING

- Check that the operation of Power Door Lock Control System is normal.
- When the system is not operating, lower the door glass and confirm under what conditions it does not operate, or malfunctions.

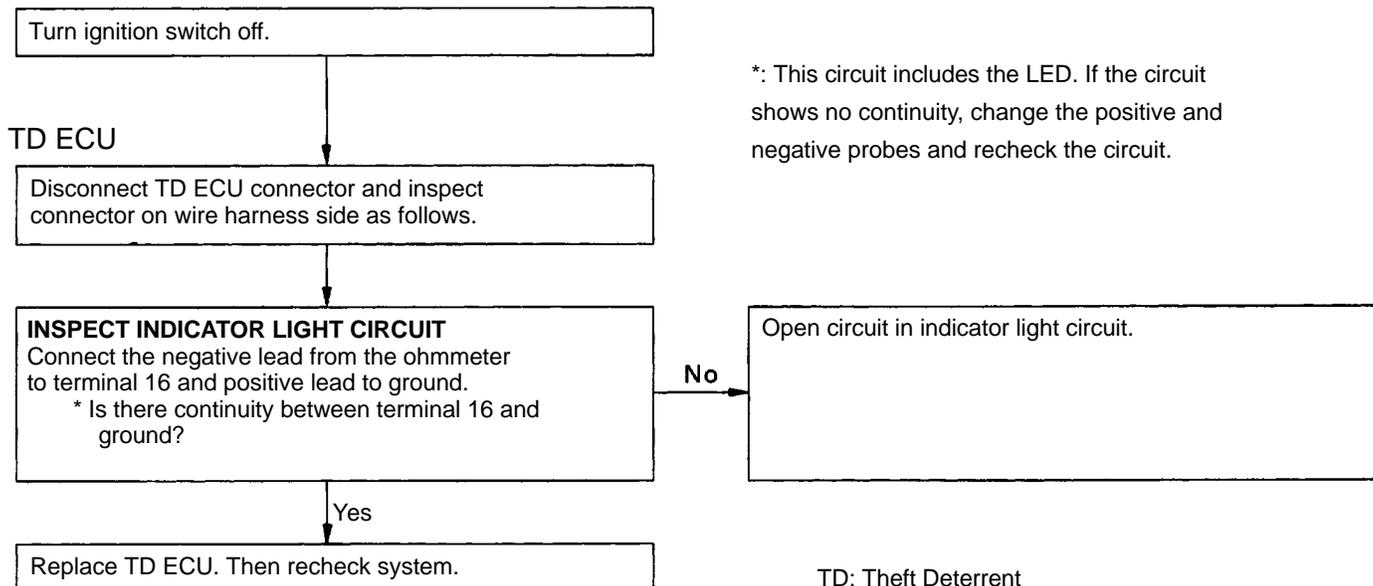
Problem	Inspection Item	Section
Theft deterrent system can not be set.	Power source circuit	A
Indicator light does not light even if theft deterrent system operated.	Indicator light circuit	B
Theft deterrent system does not operate when driver's and passenger's doors opened.	Door lock and unlock switch circuit Door lock switch circuit Door courtesy switch circuit	C D E
Theft deterrent system does not operate when front and rear luggage doors opened.	Luggage door courtesy switch circuit	E
Theft deterrent system does not operate when engine hood opened.	Engine hood courtesy switch circuit	E
Theft deterrent system does not cancel when driver's and passenger's doors unlocked with key.	Door key lock and unlock switch circuit	F
Theft deterrent system does not cancel when rear luggage door unlocked with key.	Luggage door key unlock switch circuit	G
Theft deterrent system does not cancel when ignition switch turned to ON or ACC position.	Ignition switch circuit Key unlock warning switch circuit	H I
Starter cut system does not operate even if theft deterrent system operated.	Starter cut system circuit	J
Starter cut system does not cancel even if theft deterrent system canceled.	Starter cut system circuit	J
Horn does not blow even if theft deterrent system operated.	Theft deterrent horn circuit Standard equipment horns circuit	K
Theft deterrent horn blows even if system is not set.	Theft deterrent horn circuit	K
Headlights do not flash even if theft deterrent system operated.	Light retractor relay circuit	L
Taillights do not flash even if theft deterrent system operated.	Light retractor relay circuit	L
Headlights flash even if system is not set.	Light retractor relay circuit	L
Taillights flash even if system is not set.	Light retractor relay circuit	L

A POWER SOURCE CIRCUIT

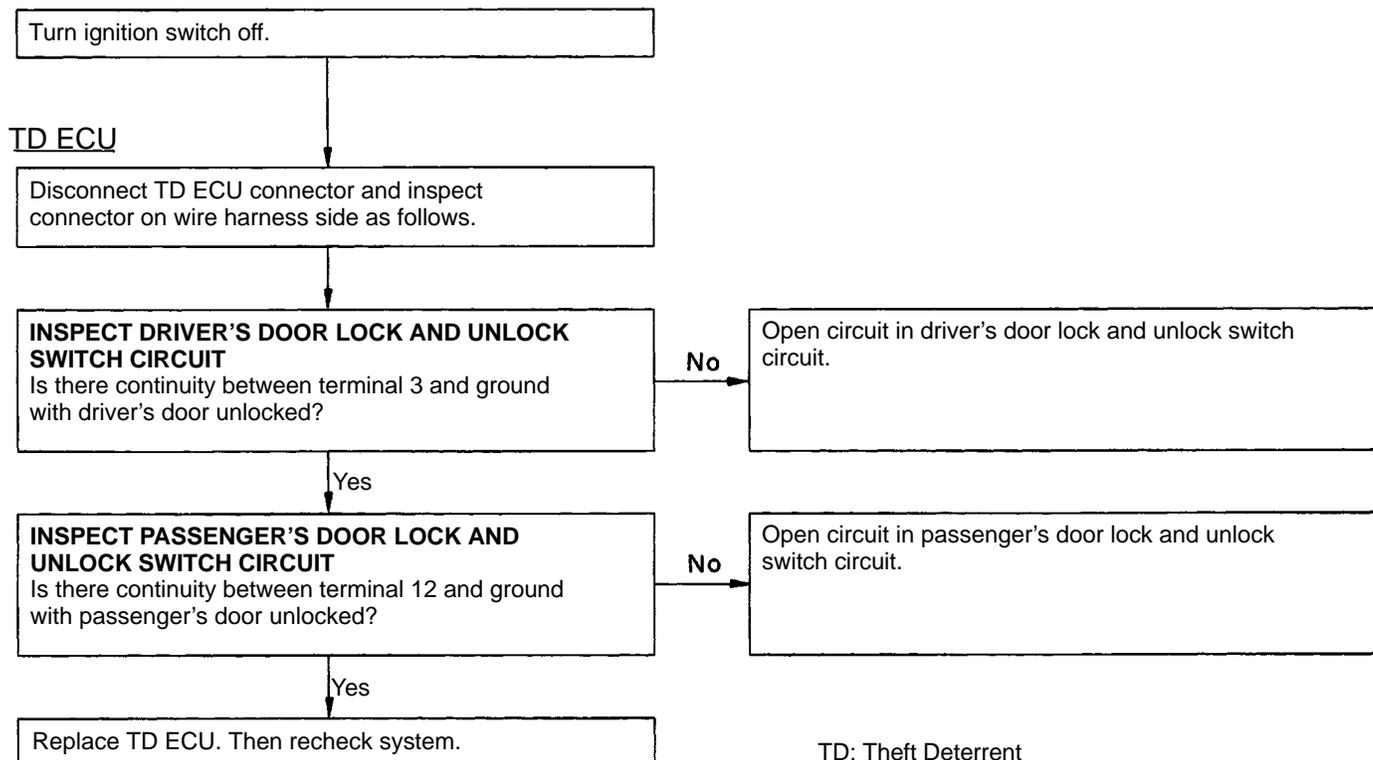


TD: Theft Deterrent

B INDICATOR LIGHT CIRCUIT



C DOOR LOCK AND UNLOCK SWITCH CIRCUIT



D DOOR LOCK SWITCH CIRCUIT

Turn ignition switch off.

TD ECU

Disconnect TD ECU connector and inspect connector on wire harness side as follows.

INSPECT DRIVER'S DOOR LOCK SWITCH CIRCUIT
Is there continuity between terminal 5 and ground with driver's door opened?

No

Open circuit in driver's door lock switch circuit.

Yes

INSPECT PASSENGER'S DOOR LOCK SWITCH CIRCUIT
Is there continuity between terminal 5 and ground with passenger's door opened?

No

Open circuit in passenger's door lock switch circuit.

Yes

Replace TD ECU. Then recheck system.

TD: Theft Deterrent

€ COURTESY SWITCH CIRCUIT

Turn ignition switch off.

TD ECU

Disconnect TD ECU connector and inspect connector on wire harness side as follows.

Driver's and Passenger's Door

INSPECT DRIVER'S DOOR COURTESY SWITCH CIRCUIT
 Close passenger's door.
 * Is there continuity between terminal 14 and ground with driver's door opened?

No

Open circuit in driver's door courtesy switch circuit.

Yes

INSPECT PASSENGER'S DOOR COURTESY SWITCH CIRCUIT
 Close driver's door.
 * Is there continuity between terminal 14 and ground with passenger's door opened?

No

Open circuit in passenger's door courtesy switch circuit.

Yes

Engine Hood

INSPECT ENGINE HOOD COURTESY SWITCH CIRCUIT
 Close front and rear luggage doors.
 Is there continuity between terminal 13 and ground with engine hood opened

No

Open circuit in engine hood courtesy switch circuit.

Yes

Luggage Door

INSPECT FRONT LUGGAGE DOOR COURTESY SWITCH CIRCUIT
 Close engine hood and rear luggage door.
 Is there continuity between terminal 13 and ground with front luggage door opened?

No

open circuit in front luggage door courtesy switch circuit.

Yes

INSPECT REAR LUGGAGE DOOR COURTESY SWITCH CIRCUIT
 Close engine hood and front luggage door.
 * Is there continuity between terminal 13 and ground with rear luggage door opened?

No

Open circuit in rear luggage door courtesy switch circuit.

Yes

Replace TD ECU. Then recheck system.

*: This circuit includes the diode. If the circuit shows no continuity, change the positive and negative probes and recheck the circuit.

TD: Theft Deterrent

F DOOR KEY LOCK AND UNLOCK SWITCH CIRCUIT

Turn ignition switch off.

TD ECU

Disconnect TD ECU connector and inspect connector on wire harness side as follows.

DRIVER'S DOOR

INSPECT KEY LOCK SWITCH CIRCUIT
Is there continuity between terminal 11 and ground with driver's door locked with key?

No → Open circuit in driver's door key lock switch circuit.

Yes
Is there continuity between terminal 11 and ground with driver's door unlocked with key?

Yes → Short circuit in driver's door key lock switch circuit.

No
INSPECT KEY UNLOCK SWITCH CIRCUIT
Is there continuity between terminal 10 and ground with driver's door unlocked with key?

No → Open circuit in driver's door key unlock switch circuit.

Yes
Is there continuity between terminal 10 and ground with driver's door locked with key?

Yes → Short circuit in driver's door key unlock switch circuit.

No

PASSENGER'S DOOR

INSPECT KEY LOCK SWITCH CIRCUIT
Is there continuity between terminal 11 and ground with passenger's door locked with key?

No → Open circuit in passenger's door key lock switch circuit.

Yes
Is there continuity between terminal 11 and ground with passenger's door unlocked with key?

Yes → Short circuit in passenger's door key lock switch circuit.

No
INSPECT KEY UNLOCK SWITCH CIRCUIT
Is there continuity between terminal 10 and ground with passenger's door unlocked with key?

No → Open circuit in passenger's door key unlock switch circuit.

Yes
Is there continuity between terminal 10 and ground with passenger's door locked with key?

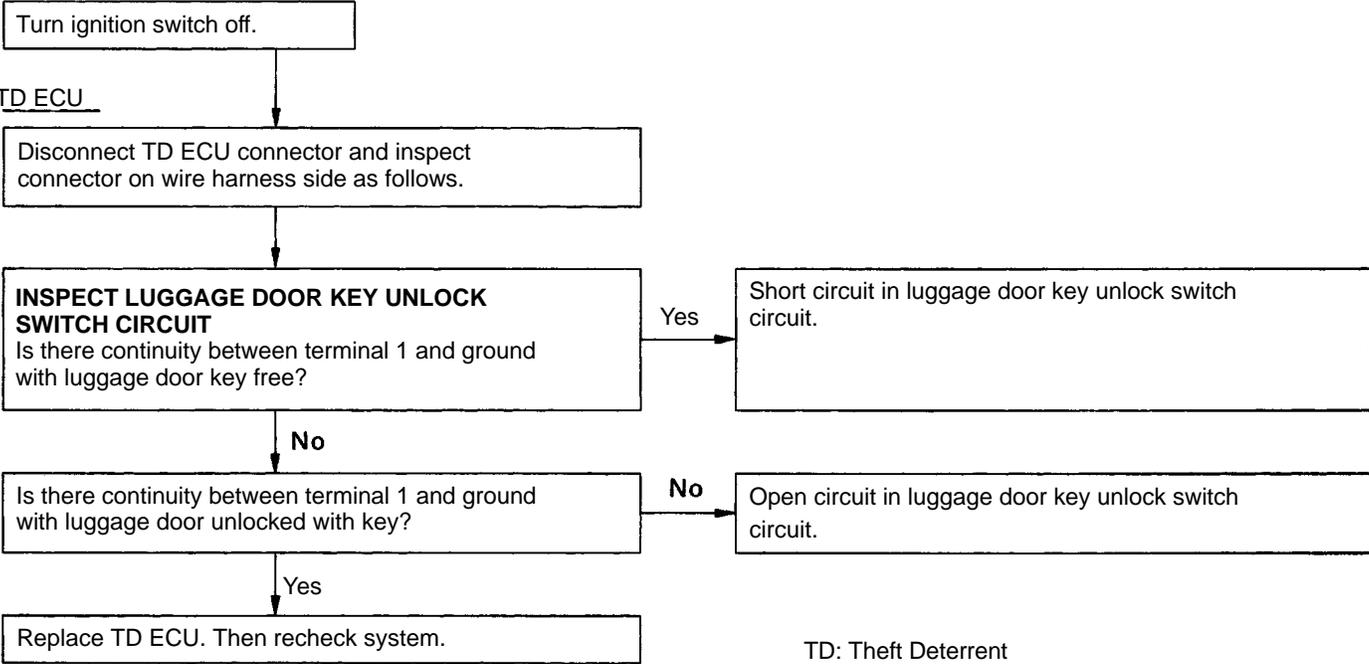
Yes → Short circuit in passenger's door key unlock switch circuit.

No

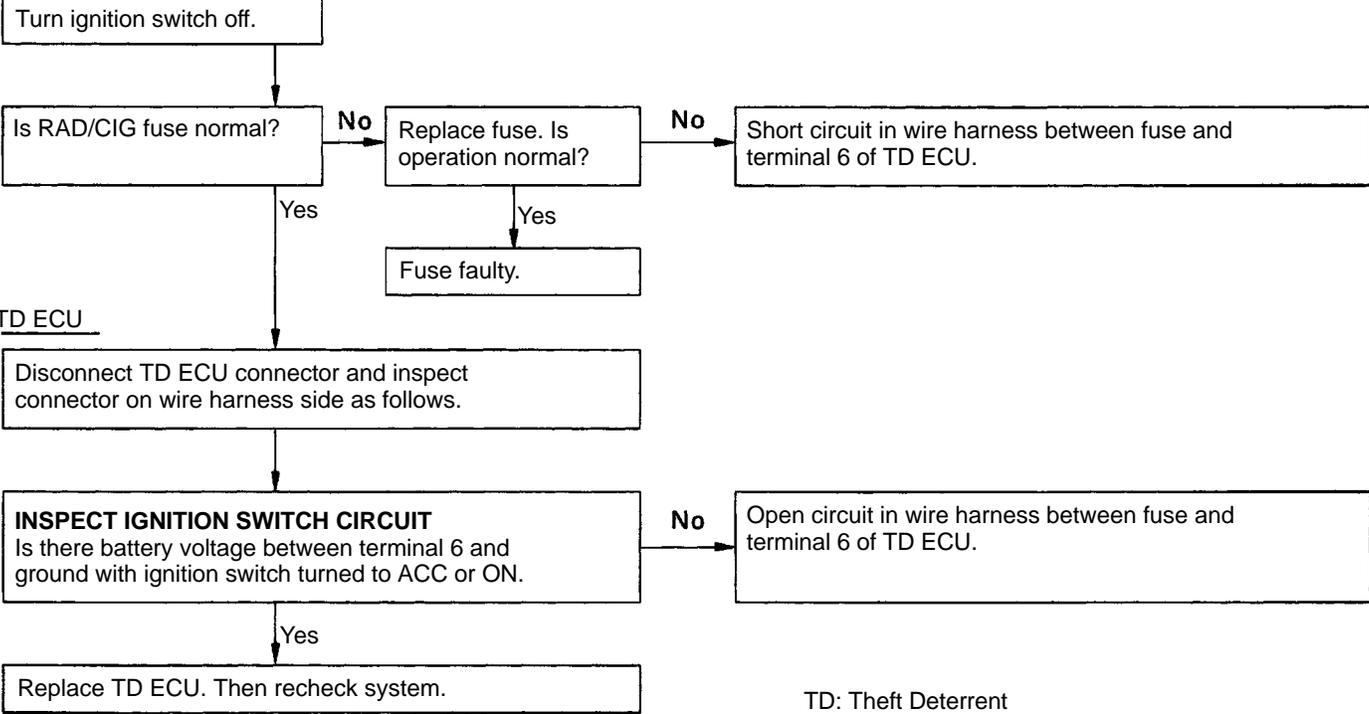
Replace TD ECU. Then recheck system.

TD: Theft Deterrent

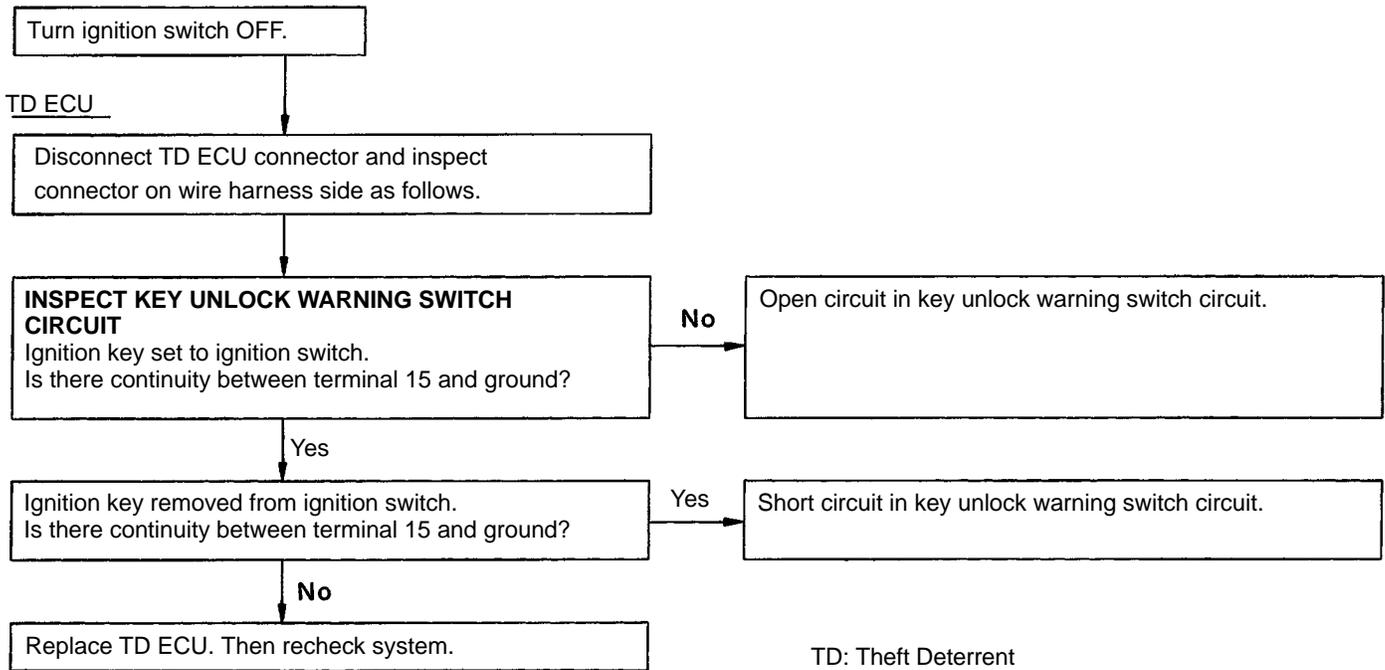
G LUGGAGE DOOR KEY UNLOCK SWITCH CIRCUIT



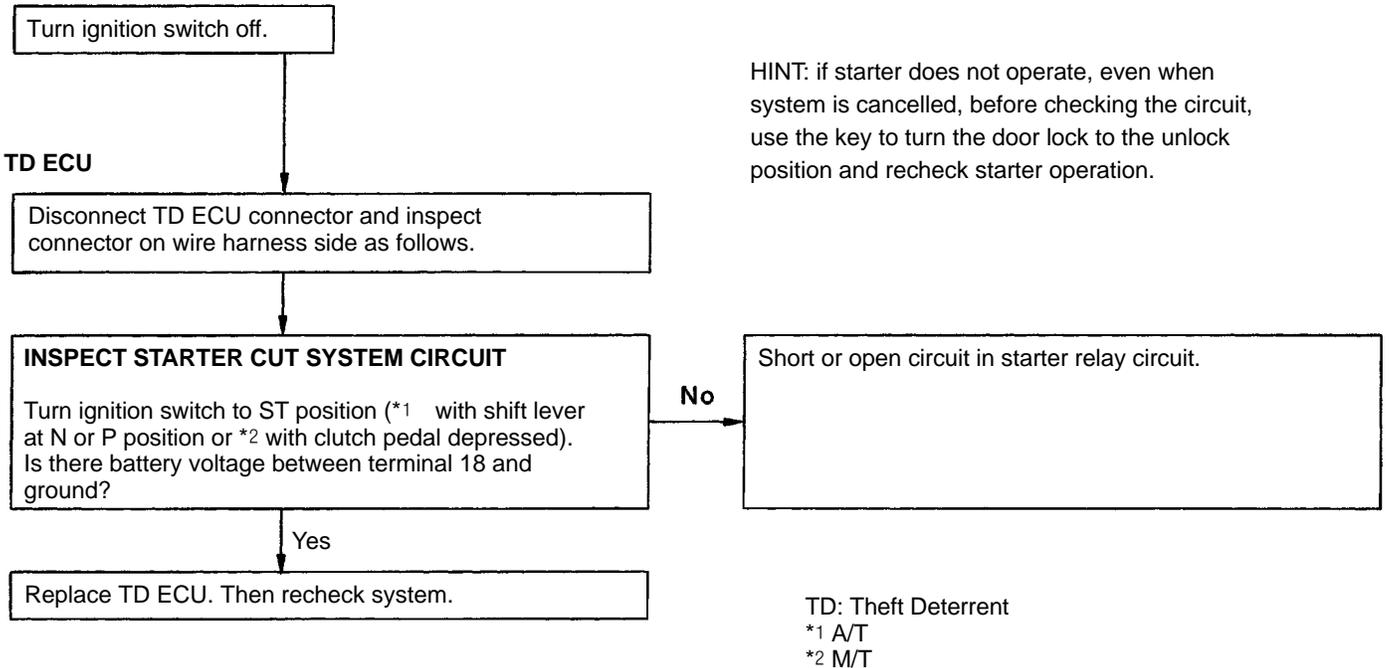
H IGNITION SWITCH CIRCUIT



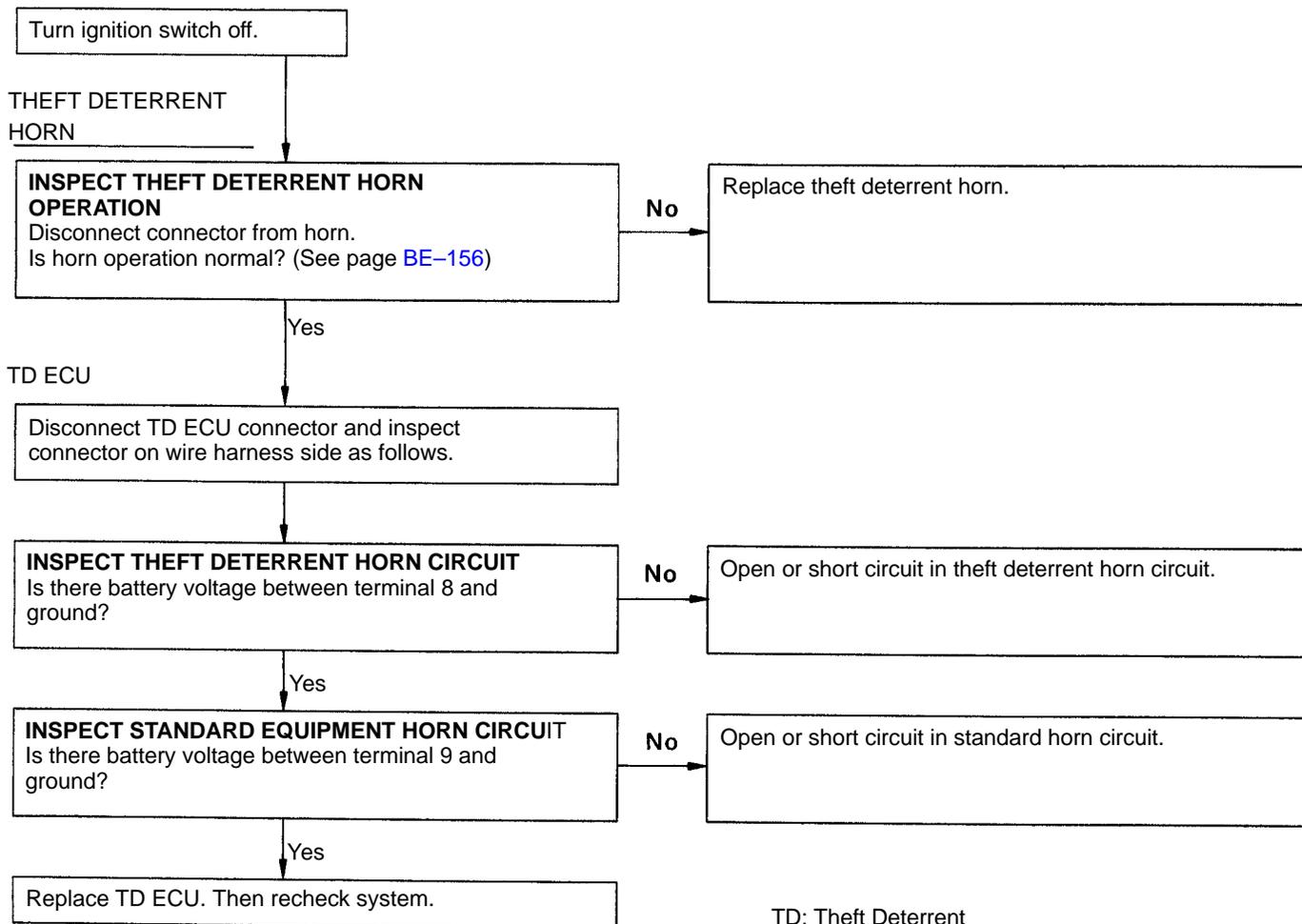
I KEY UNLOCK WARNING SWITCH CIRCUIT



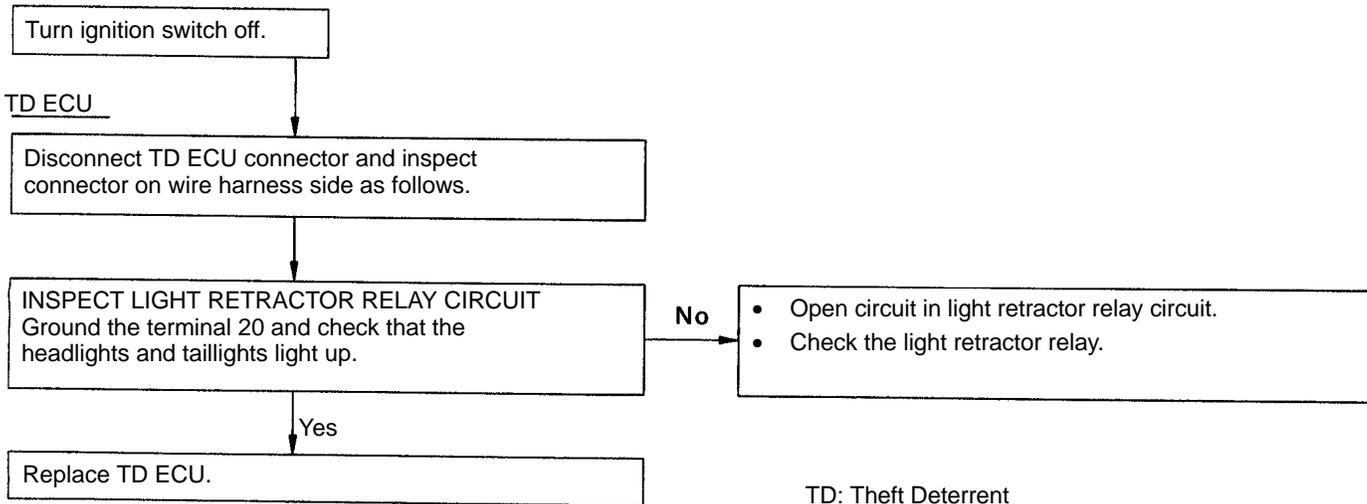
J STARTER CUT SYSTEM CIRCUIT



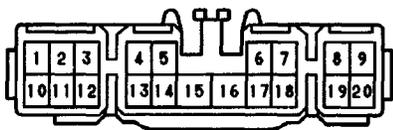
K THEFT DETERRENT HORN CIRCUIT



L LIGHT RETRACTOR RELAY CIRCUIT



Wire Harness Side



e-20-1.

THEFT DETERRENT ECU

THEFT DETERRENT ECU INSPECTION

ECU CIRCUIT

Disconnect the ECU and inspect the connector on the wire harness side as shown in the chart below.

Check for	Tester connection	Condition	Specified value
Continuity	1 – ground	Luggage door unlocked with key	Continuity
		Other position	No continuity
	3 – ground	Driver's door lock lever unlocked	Continuity
		Driver's door lock lever locked	No continuity
	5 – ground	Driver's and passenger's door closed	No continuity
		Others	Continuity
	7 – ground	Constant	Continuity
	10 – ground	Driver's or passenger's door unlocked with key	Continuity
		Others	No continuity
	11 – ground	Driver's or passenger's door locked with key	Continuity
		Others	No continuity
	12 – ground	Passenger's door lock lever unlocked	Continuity
		Passenger's door lock lever locked	No continuity
	** 13 – ground	Engine hood, front luggage door and rear luggage door closed	No continuity
		Others	Continuity
	** 14 – ground	Driver's and passenger's door closed	No continuity
Others		Continuity	
15 – ground	Ignition key set to ignition switch	Continuity	
	Ignition key removed from ignition switch	No continuity	
** 16 – ground	Constant	Continuity	
Voltage	6 – ground	Turn ignition switch to ACC or ON	Battery voltage
	8 – ground	Constant	Battery voltage
	9 – ground	Constant	Battery voltage
	17 – ground	Constant	Battery voltage
	18 – ground	(M/T) Turn ignition switch to START with clutch pedal depressed. (A/T) Turn ignition switch to START with shift lever at P or N position	Battery voltage
20 – ground	Constant	Battery voltage	

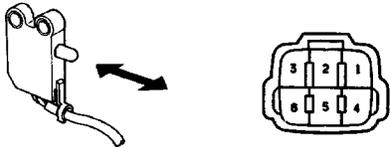
*1 This circuit includes the LED or diode. If the circuit shows no continuity, change the positive and negative probes and recheck the circuit.

If circuit is correct, replace the theft deterrent ECU.

DOOR LOCK SWITCH

DOOR LOCK SWITCH INSPECTION

CONTINUITY

	Terminal		
	Condition	3	6
	Door closed (Switch pin pushed in)		
Door opened (Switch pin released)	○—○	○—○	

BE2587 IS-6-2-B

If continuity is not as specified, replace the door lock assembly.

DOOR LOCK AND UNLOCK SWITCH

DOOR LOCK AND UNLOCK SWITCH INSPECTION

See Power Door Lock Control Switch on page [BE-101](#).

KEY UNLOCK WARNING SWITCH

KEY UNLOCK WARNING SWITCH INSPECTION

See Key Confine Prevention System on page [BE-11](#).

IGNITION SWITCH

IGNITION SWITCH INSPECTION

See Ignition Switch on page [BE-11](#).

DOOR KEY LOCK AND UNLOCK SWITCH

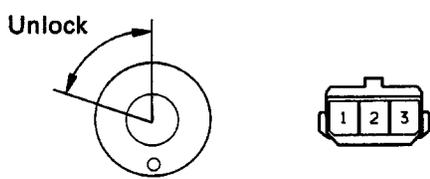
DOOR KEY LOCK AND UNLOCK SWITCH INSPECTION

See Power Door Lock Control System on page [BE-99](#).

LUGGAGE DOOR KEY UNLOCK SWITCH

LUGGAGE DOOR KEY UNLOCK SWITCH INSPECTION

CONTINUITY

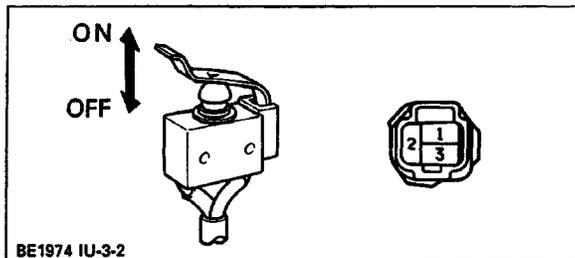
	Terminal		
	Condition	1	3
	OFF		
UNLOCK	○—○	○—○	

BE4929 GA-3-1

ENGINE HOOD COURTESY SWITCH

ENGINE HOOD COURTESY SWITCH INSPECTION

CONTINUITY



Terminal Condition	1	2	3
OFF (Closed)			
ON (Opened)	○	○	○

BE1974 IU-3-2

FRONT LUGGAGE DOOR COURTESY SWITCH

FRONT LUGGAGE DOOR COURTESY SWITCH INSPECTION

See Engine Hood Courtesy Switch on this page.

DOOR COURTESY SWITCH

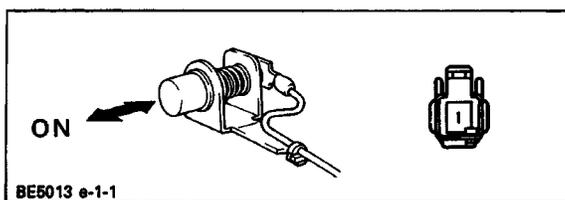
DOOR COURTESY SWITCH INSPECTION

See Interior Light System on page [BE-49](#).

REAR LUGGAGE DOOR COURTESY SWITCH

REAR LUGGAGE DOOR COURTESY SWITCH INSPECTION

CONTINUITY



Terminal Condition	1	Switch Body
OFF (Closed)		
ON (Opened)	○	○

BE5013 e-1-1

If continuity is not as specified, replace the switch.

PARK/NEUTRAL SWITCH

PARK/NEUTRAL SWITCH INSPECTION

See page [AX-35](#).

CLUTCH START SWITCH

CLUTCH START SWITCH INSPECTION

See page [CL-5](#).

STARTER RELAY

STARTER RELAY INSPECTION

See Cruise Control System on page [BE-138](#).

HEADLIGHT CONTROL RELAY

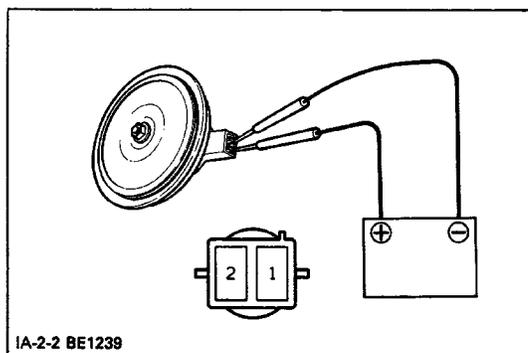
HEADLIGHT CONTROL RELAY INSPECTION

See page [BE-30](#).

TAILLIGHT CONTROL RELAY

TAILLIGHT CONTROL RELAY INSPECTION

See page [BE-30](#).

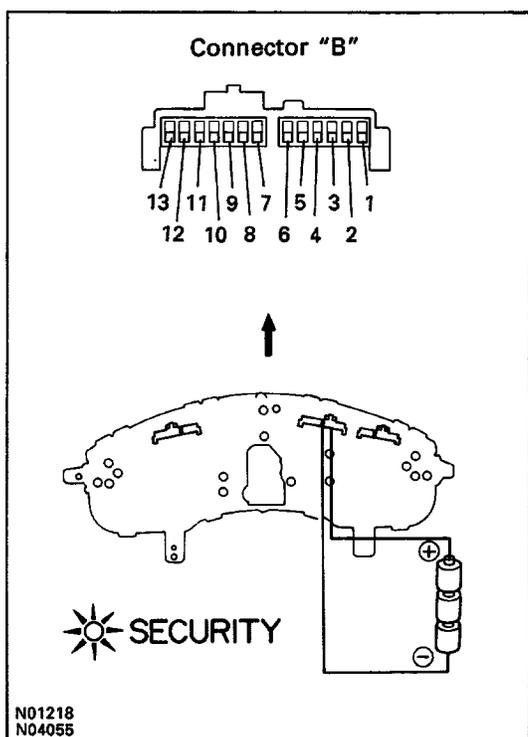


THEFT DETERRENT HORN

THEFT DETERRENT HORN INSPECTION

OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2.
 - (b) Check that the horn blows.
- If operation is not as specified, replace the horn.



THEFT DETERRENT INDICATOR LIGHT

THEFT DETERRENT INDICATOR LIGHT INSPECTION

INSPECTION

- (a) Connect a series of three 1.5 V dry cell batteries.
 - (b) Connect the positive (+) lead from the dry cell batteries to terminal 5 of connector "B" and the negative (-) lead to terminal 6 of connector "B".
 - (e) Check that the indicator light lights up.
- If the indicator light does not light up, replace the indicator light.