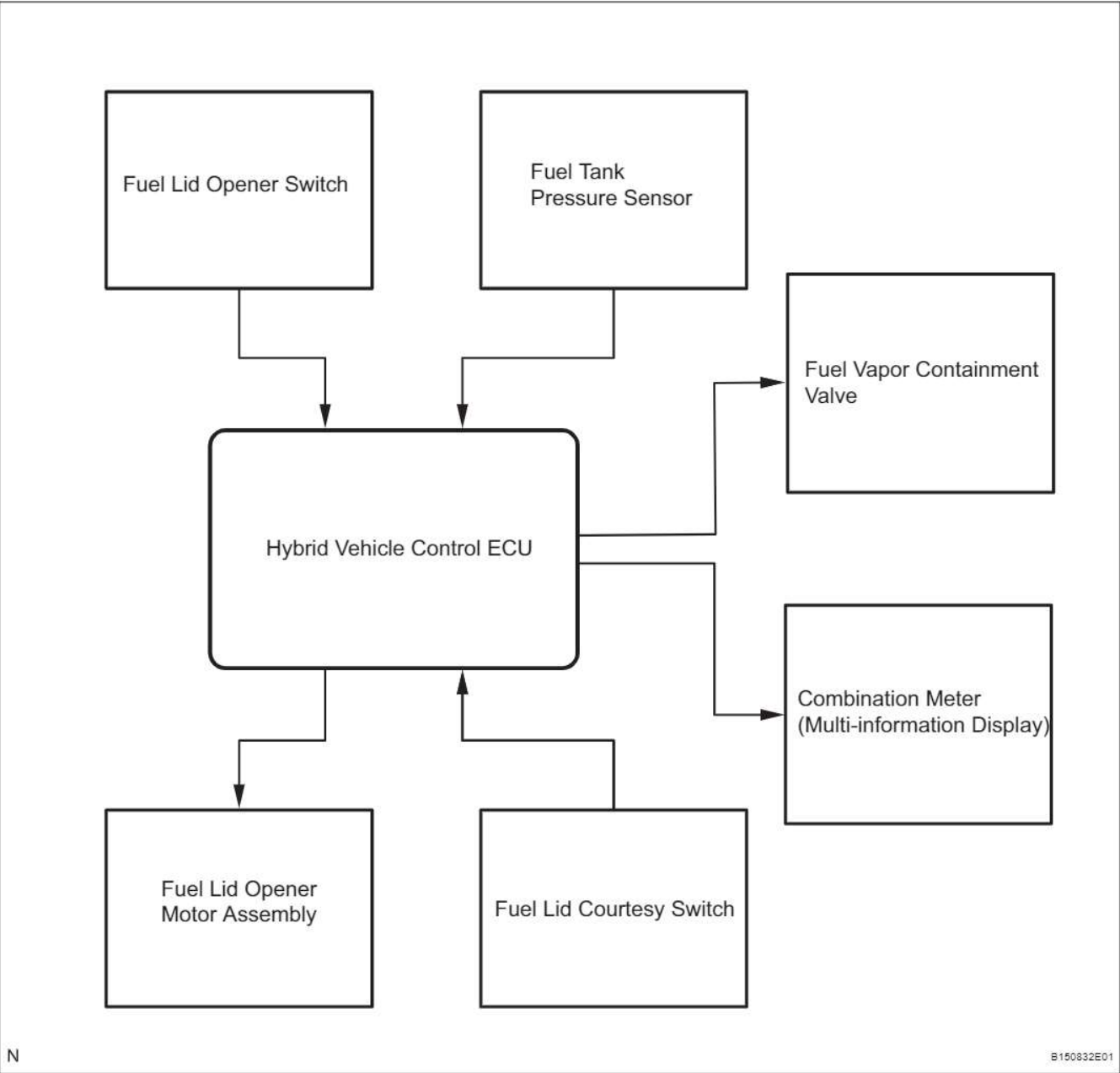


SYSTEM DIAGRAM



ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

ED-5

SYSTEM DESCRIPTION

1. FUEL LID OPENER COMPONENT

Fuel Lid Opener Switch	Detects fuel lid opener switch operation and sends fuel lid open request signal to hybrid vehicle control ECU.
Fuel Lid Courtesy Switch	The fuel lid courtesy switch detects the fuel lid open/close condition signal to hybrid vehicle control ECU.
Fuel Lid Opener Motor Assembly	Actuates to open fuel lid according to signal from hybrid vehicle control ECU.
Hybrid Vehicle Control ECU	When the hybrid vehicle control ECU receives signal from the fuel lid opener switch, it actuates the fuel lid opener motor. - Inputs signal from fuel tank pressure sensor. - When difference between atmospheric pressure and fuel tank internal pressure exceeds specification, hybrid vehicle control ECU operates fuel vapor containment valve. - Detects status of fuel lid courtesy switch.
Combination Meter (Multi-information Display)	The operating state of fuel lid opener system is displayed on the multi-information display.

2. FUEL LID OPENER SYSTEM FUNCTION

- (a) When pressing the fuel lid opener switch, a fuel lid open request signal is sent to the hybrid control ECU, and the fuel lid opener motor actuates to open the fuel lid.

HINT:

When the difference between atmospheric pressure and fuel tank internal pressure exceeds the specification, fuel vapor containment valve is used to adjust the pressure. During the adjustment, "PLEASE WAIT NOW OPENING" is displayed on the multi-information display.

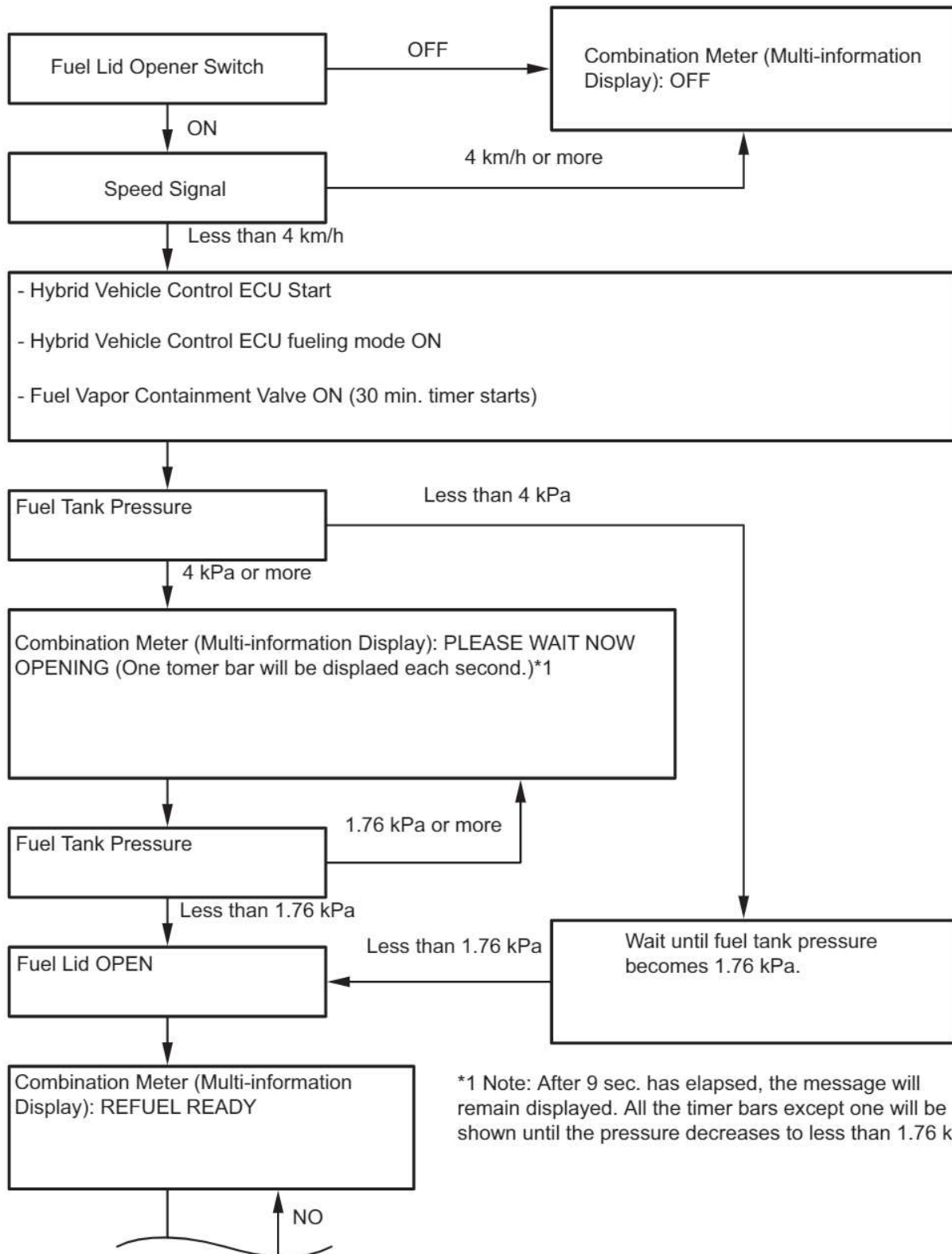
NOTICE:

- If the fuel tank pressure sensor or fuel vapor containment valve is malfunctioning, the fuel lid does not open.
- If the fuel lid courtesy switch is malfunctioning, "CLOSE FUEL LID" is displayed on the multi-information display even if the fuel lid is closed.

ED

ED-6

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

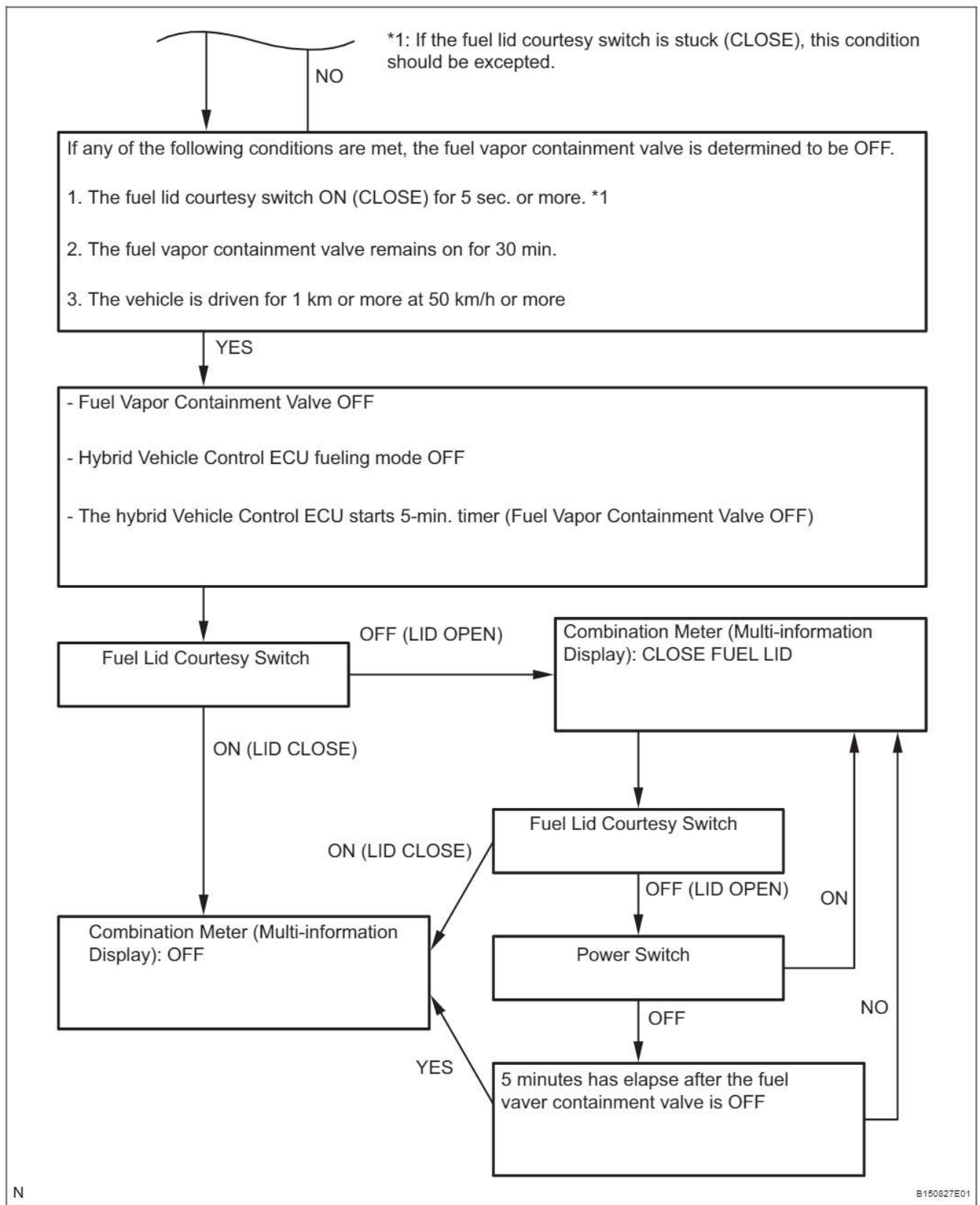


N

B150828E01

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

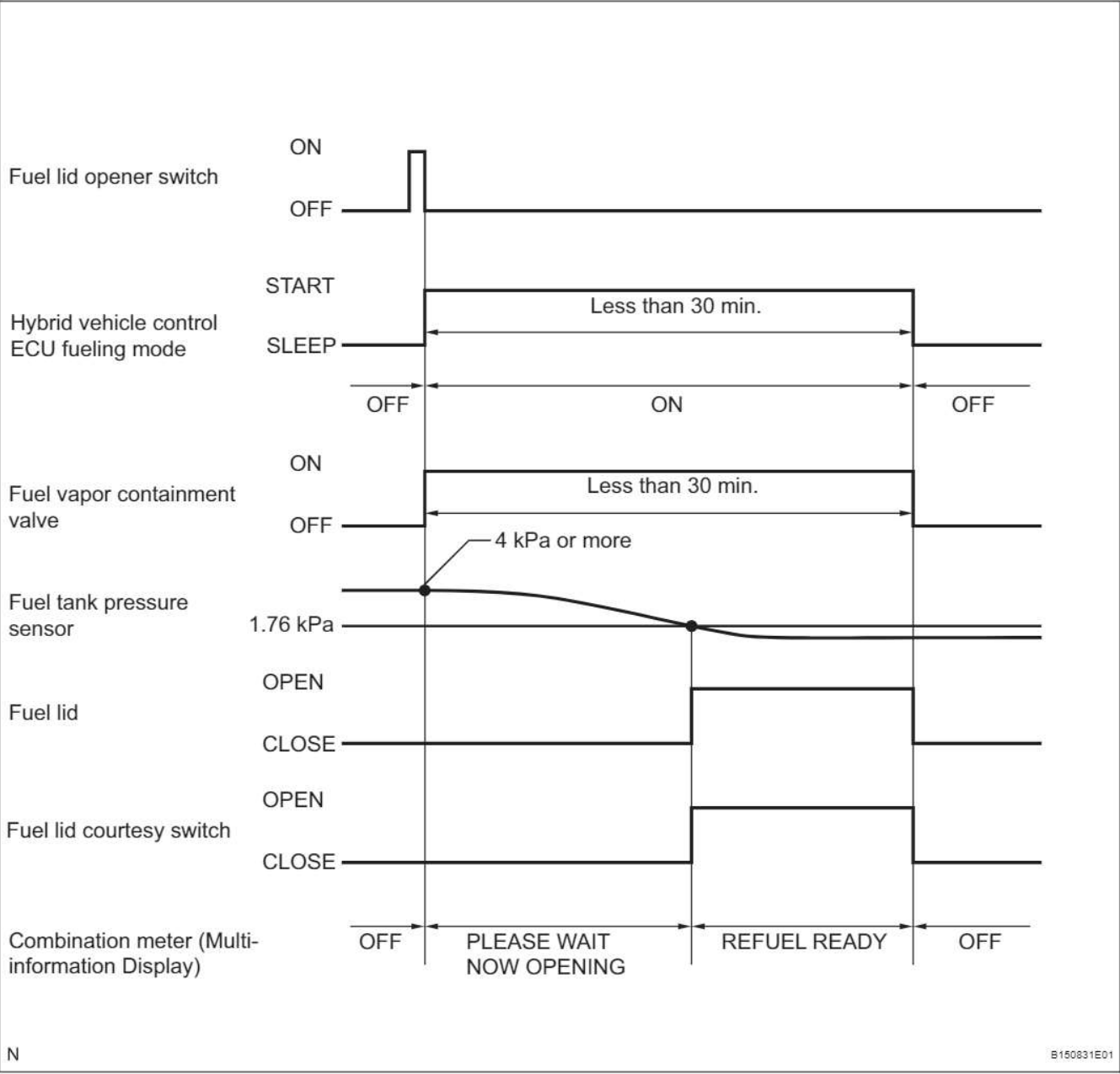
ED-7



ED-8

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

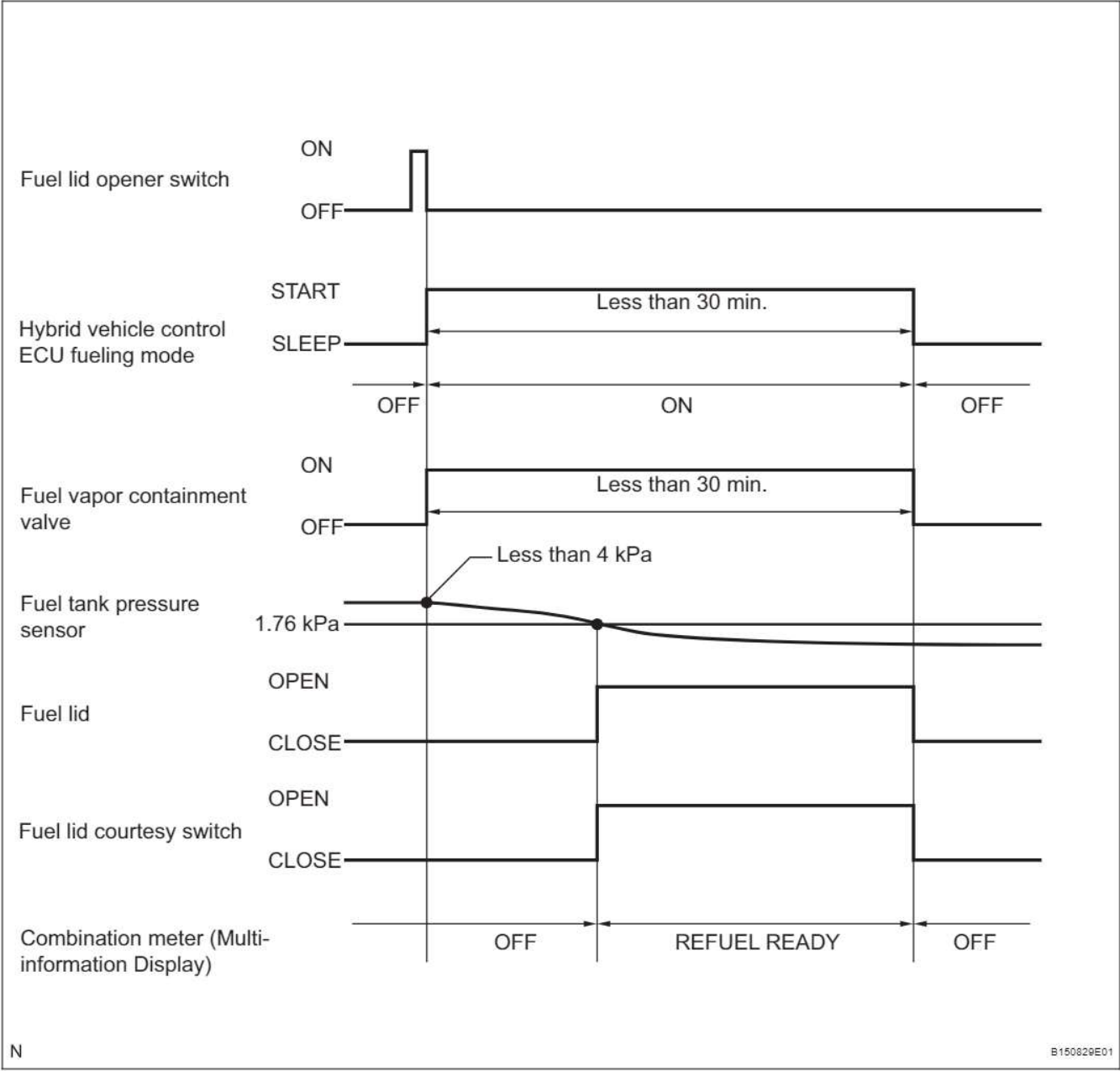
(1) Normal operation (Fuel tank pressure 4 kPa or more):



ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

ED-9

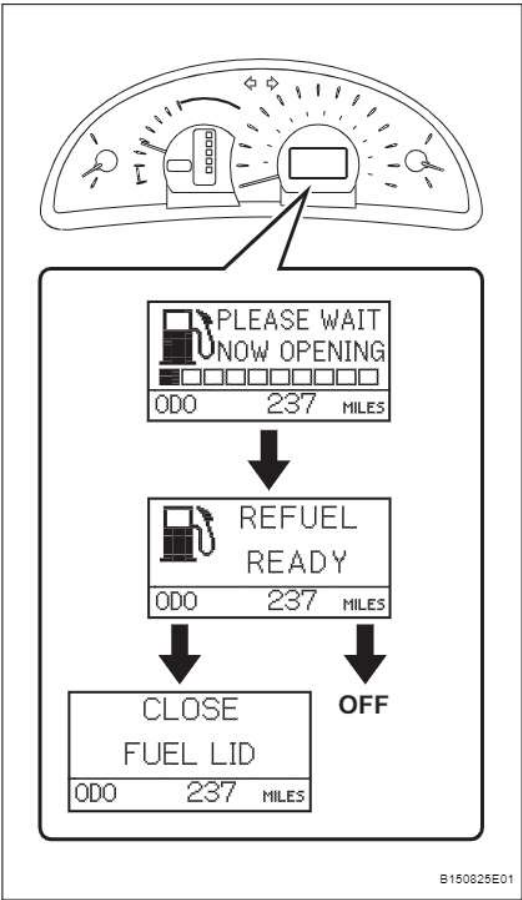
(2) Normal operation (Fuel tank pressure less than 4 kPa)



ED

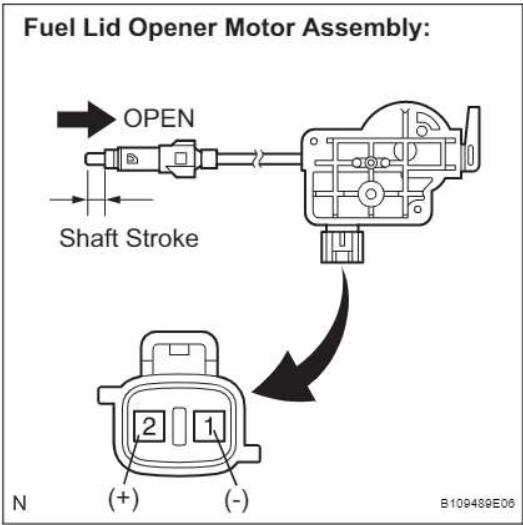
ED-10

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM



3. COMBINATION METER DISPLAY AND OBJECTIVES
(a) Multi-information display :

Display	Details	Condition	Condition to switch to next display	Next display
PLEASE WAIT NOW OPENING	- Wait time until the fuel tank pressure drops to the specified value - Wait time until the fuel lid is opened	- Fuel lid opener switch ON - Fuel vapor containment valve open - Fuel tank pressure 4 kPa or more (Initial value)	Fuel tank pressure less than 1.76 kPa	REFUEL READY
REFUEL READY	Ready for refueling	Until any of the conditions listed on the right are met.	When 5 seconds or more elapse after fuel lid CLOSE (Fuel lid courtesy switch ON) - The fuel vapor containment valve remains ON for 30 min. - The vehicle is driven for 1 km or more at 50 km/h or more	OFF CLOSE FUEL LID
CLOSE FUEL LID	Fuel lid open	Fuel lid open: - While the power switch is on - For 5 min. after the power switch is turned off	Fuel lid CLOSE (Door control switch ON)	OFF



INSPECTION

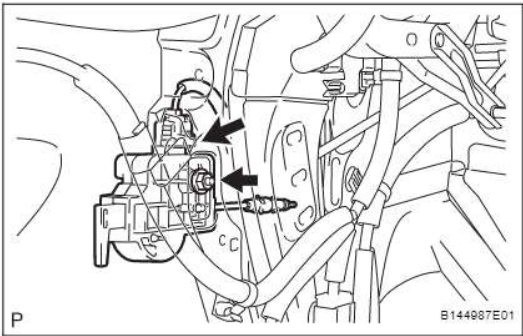
1. **INSPECT FUEL LID MOTOR ASSEMBLY**
- (a) Apply battery voltage to the lock control and check the motor operates in the open direction.
- Standard**

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Motor operates and shaft moves in open direction

If the result is not as specified, replace the fuel lid opener motor assembly.

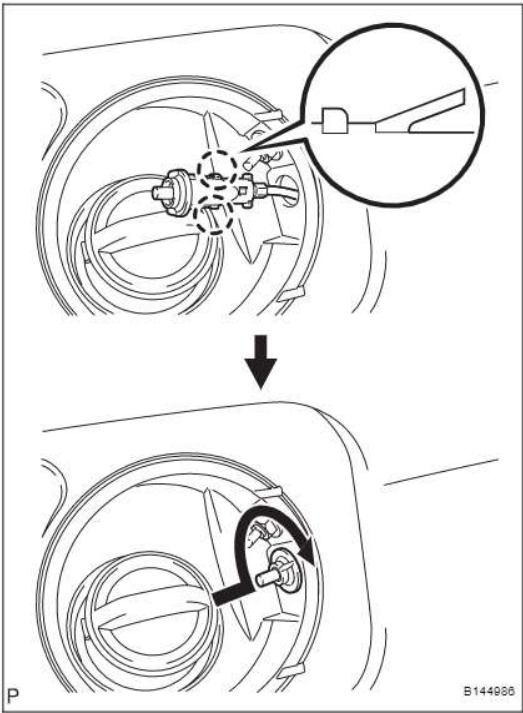
- (b) Check the shaft stroke.
- Standard:**
- 10.3 mm (0.406 in.) or more**

If the result is not as specified, replace the fuel lid opener motor assembly.



INSTALLATION

1. **INSTALL FUEL LID OPENER MOTOR ASSEMBLY**
- (a) Connect the connector.
- (b) Install the fuel lid opener motor assembly with the nut.
- Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)**



2. **INSTALL FUEL FILLER OPENING LID LOCK RETAINER**
- (a) Engage the 2 claws.
- (b) Install the fuel filler opening lid lock retainer as shown in the illustration.
3. **INSTALL LUGGAGE COMPARTMENT INNER TRIM COVER LH** (See page [ED-102](#))
4. **INSTALL LUGGAGE COMPARTMENT REAR TRIM COVER** (See page [ED-102](#))
5. **INSTALL REAR FLOOR FINISH PLATE** (See page [ED-103](#))
6. **INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM HOOK** (See page [ED-103](#))
7. **INSTALL SPARE WHEEL COVER ASSEMBLY**
8. **INSTALL SPARE WHEEL COVER CLAMP**
9. **INSTALL LUGGAGE COMPARTMENT FLOOR MAT**

ED

HOW TO PROCEED WITH TROUBLESHOOTING

1

VEHICLE BROUGHT TO WORKSHOP

NEXT

2

PROBLEM SYMPTOM CONFIRMATION

Result

Result	Proceed to
Malfunction does not occur	A
Malfunction occurs	B

B

GO TO STEP 4

A

3

SYMPTOM SIMULATION

NEXT

4

CHECK FOR DIAGNOSTICS TROUBLE CODE OF SFI SYSTEM

- (a) When no code is output, proceed to A.
- (b) When either of code P1453 or P2451 is output, proceed to B (See page [ES-45](#)).

B

GO TO SFI SYSTEM

A

5

PROBLEM SYMPTOMS TABLE

- (a) When the problem is not listed on the problem symptoms table, proceed to A.
- (b) When the problem is listed on the problem symptoms table, proceed to B.

B

GO TO STEP 7

A

6

OVERALL ANALYSIS AND TROUBLESHOOTING

- (a) DATA LIST / ACTIVE TEST (See page [ED-14](#))
- (b) TERMINAL OF ECU (See page [ED-12](#))

ED-12

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

NEXT

7	ADJUSTMENT, REPAIR OR REPLACE
---	-------------------------------

NEXT

8	CONFIRMATION TEST
---	-------------------

NEXT

END

PROBLEM SYMPTOMS TABLE

FUEL LID OPENER SYSTEM

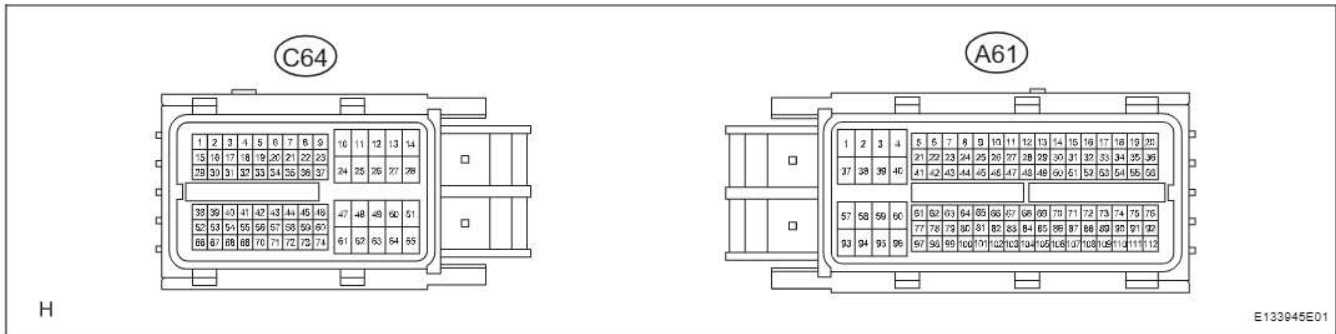
Symptom	Suspected Area	See page
Multi-information display does not display	1. Fuel lid opener switch circuit	ED-16
	2. Hybrid vehicle control ECU	-
	3. Combination meter	-
"CLOSE FUEL LID" remains displayed	1. Check and correct fitting of the fuel lid	-
	2. Fuel lid courtesy switch circuit	ED-24
	3. Hybrid vehicle control ECU	-
"PLEASE WAIT NOW OPENING" remains displayed (with one bar left)	SFI system	ES-8
Fuel lid opener does not operate	1. Fuel lid opener switch circuit	ED-16
	2. Fuel lid opener motor circuit	ED-20
	3. SFI system	ES-8

ED-14

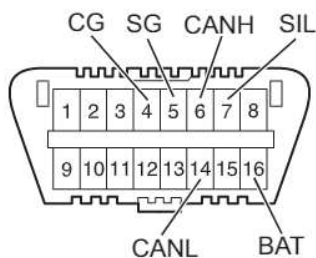
ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

TERMINALS OF ECU

1. HYBRID VEHICLE CONTROL ECU



Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
LST1 (A61-23) - E1 (C64-14)	O - W-B	Fuel lid opener switch signal output	Power switch on (IG), fuel lid opener switch is pressed	Below 1 V
			Power switch on (IG), fuel lid opener switch is not pressed	10 to 14 V
LST2 (A61-24) - E1 (C64-14)	G - W-B	Fuel lid courtesy switch signal output	Power switch on (IG), fuel lid is closed	Below 1 V
			Power switch on (IG), fuel lid is opened	10 to 14 V
FUO (A61-38) - E1 (C64-14)	LG - W-B	Fuel lid motor signal	Fuel lid motor operating	Below 1 V
			Fuel lid motor not operating	10 to 14 V
FUEL (A61-48) - E1 (C64-14)	L - W-B	Fuel lid opener switch signal input	Power switch on (IG), fuel lid opener switch is pressed	Below 1 V
			Power switch on (IG), fuel lid opener switch is not pressed	10 to 14 V
LIDO (A61-49) - E1 (C64-14)	W - W-B	Fuel lid courtesy switch signal input	Power switch on (IG), fuel lid is closed	Below 1 V
			Power switch on (IG), fuel lid is opened	10 to 14 V



DIAGNOSIS SYSTEM

1. CHECK DLC3

- (a) The vehicle's ECU uses ISO 15765-4 for communication protocol. The terminal arrangement of the DLC3 complies with SAE J1962 and matches the ISO 15765-4 format.

Symbols (Terminal No.)	Terminal Description	Condition	Specified Condition
SIL (7) - SG (5)	Bus "+" line	During transmission	Pulse generation
CG (4) - Body ground	Chassis ground	Always	Below 1 Ω
SG (5) - Body ground	Signal ground	Always	Below 1 Ω
BAT (16) - Body ground	Battery positive	Always	10 to 14 V
CANH (6) - CANL (14)	CAN bus line	Power switch off*	54 to 69 Ω

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

ED-15

Symbols (Terminal No.)	Terminal Description	Condition	Specified Condition
CANH (6) - CG (4)	HIGH-level CAN bus line	Power switch off*	200 Ω or higher
CANL (14) - CG (4)	LOW-level CAN bus line	Power switch off*	200 Ω or higher
CANH (6) - BAT (16)	HIGH-level CAN bus line	Power switch off*	6 k Ω or higher
CANL (14) - BAT (16)	LOW-level CAN bus line	Power switch off*	6 k Ω or higher

NOTICE:

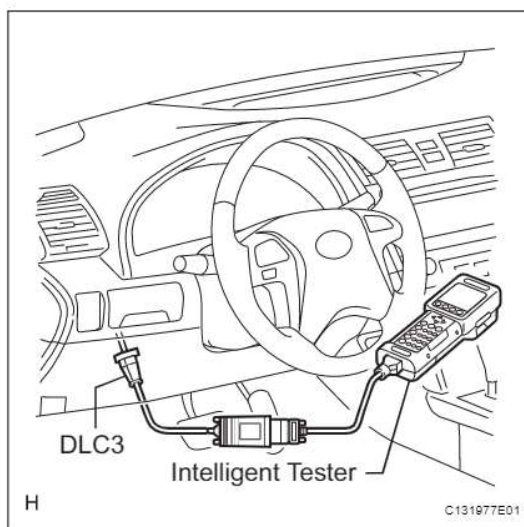
***: Before measuring the resistance, leave the vehicle as is for at least 1 minute and do not operate the power switch, any other switches or the doors.**

If the result is not as specified, the DLC3 may have a malfunction. Repair or replace the harness and connector.

- (b) Connect the cable of the intelligent tester (with CAN VIM) to the DLC3, turn the power switch on (IG) and attempt to use the intelligent tester. If the screen displays a communication error message, a problem exists in the vehicle side or tester side.

HINT:

- If communication is normal when the tool is connected to another vehicle, inspect the DLC3 on the original vehicle.
- If communication is still impossible when the tool is connected to another vehicle, the problem is probably in the tool itself. Consult the Service Department listed in the tool's instruction manual.



ED

ED-16

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

DATA LIST / ACTIVE TEST

1. DATA LIST

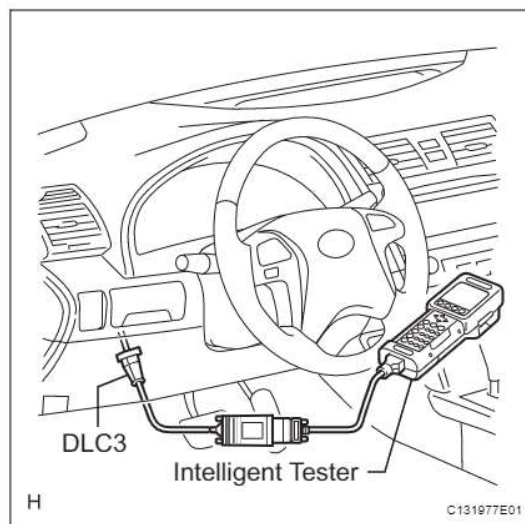
HINT:

By reading the DATA LIST displayed on an intelligent tester, you can check values, including those of the switches, sensors, and actuators, without removing any parts. Reading the DATA LIST as the first step in troubleshooting is one method of shortening diagnostic time.

NOTICE:

In the table below, the values listed under Normal Condition are reference only. Do not depend solely on these values when determining whether or not a part is faulty.

- (a) Put the engine in inspection mode (See page [ES-11](#)).
- (b) Warm up the engine.
- (c) Turn the power switch off.
- (d) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (e) Turn the power switch on (IG).
- (f) Turn the tester on.
- (g) Enter the following menus: DIAGNOSIS / ENHANCED OBD II / DATA LIST.
- (h) Check the values by referring to the table below.



Tester Display	Measurement Item/Range	Normal Condition	Diagnostic Note
FUEL LID	Fuel lid position switch: Open or Close	ON: Fuel lid is opened OFF: Fuel lid is closed	-
FUEL LID SW	Fuel lid position switch: ON or OFF	ON: Fuel lid opener switch is pressed OFF: Fuel lid opener switch is not pressed	-

2. ACTIVE TEST

HINT:

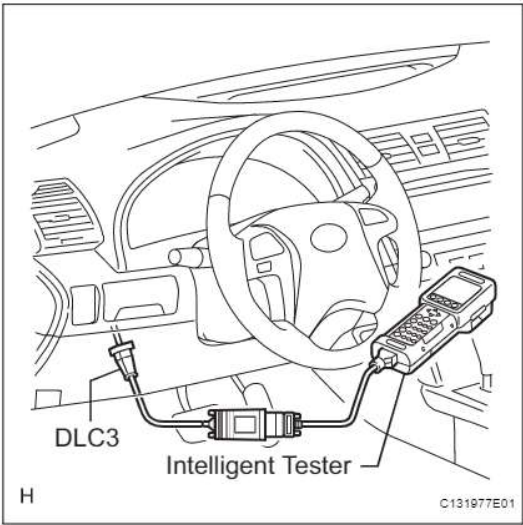
Performing an ACTIVE TEST enables components including the relays, VSV (Vacuum Switching Valve) and actuators, to be operated without removing any parts. The ACTIVE TEST can be performed with an intelligent tester. Performing an ACTIVE TEST as the first step in troubleshooting is one method of shortening diagnostic time.

DATA LIST can be displayed during ACTIVE TEST.

- (a) Put the engine in inspection mode (See page [ES-11](#)).

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

ED-17



- (b) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (c) Turn the power switch on (IG).
- (d) Turn the tester on.
- (e) Enter the following menus: DIAGNOSIS / ENHANCED OBD II / ACTIVE TEST.
- (f) Perform the ACTIVE TEST by referring to the table below.

Tester Display	Test Part	Control Range	Diagnostic Note
FUEL FILLER OPN	Fuel lid opener control	ON: Open	-

ED-18

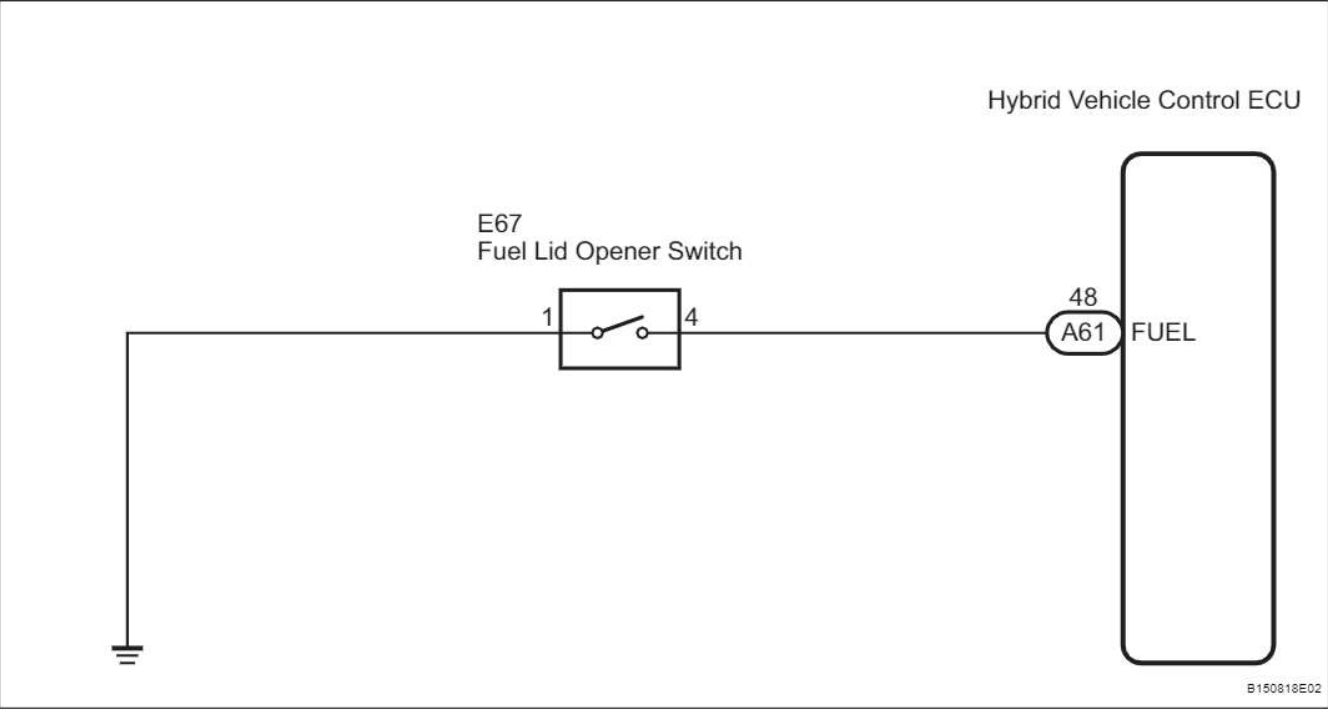
ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

Fuel Lid Opening Switch Circuit

DESCRIPTION

The hybrid vehicle control ECU detects the condition of the fuel lid opener switch.

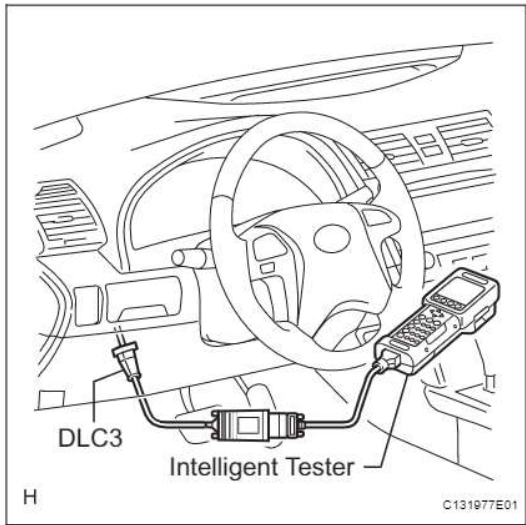
WIRING DIAGRAM



INSPECTION PROCEDURE

1 READ VALUE OF INTELLIGENT TESTER

ED



- (a) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (b) Turn the power switch on (IG) and turn the intelligent tester main switch on.

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

ED-19

- (c) Select FUEL LID SW in the DATA LIST and read the tester display.

Tester Display	Measurement Item/Range	Normal Condition	Diagnostic Note
FUEL LID SW	Fuel lid opener switch: ON or OFF	ON: Fuel lid opener switch is pressed OFF: Fuel lid opener switch is not pressed	-

OK:

ON or OFF appears on the screen according to the switch condition.

NG

Go to step 2

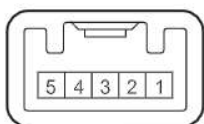
OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (See page [ED-12](#))

2

INSPECT FUEL LID OPENER SWITCH

Fuel Lid Opener Switch:



H

B150838E01

- (a) Remove the fuel lid opener switch (See page [ED-108](#)).
(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
1 - 4	Fuel lid opener switch is not pressed	10 k Ω or higher
	Fuel lid opener switch is pressed	Below 1 Ω

NG

REPLACE FUEL LID OPENER SWITCH (See page [ED-108](#))

ED

OK

ED-20

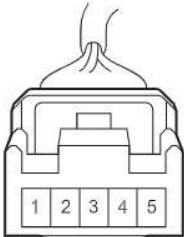
ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

3

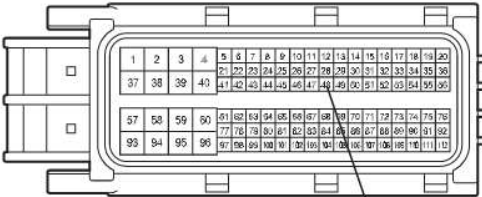
CHECK HARNESS AND CONNECTOR (FUEL LID OPENER SWITCH - HYBRID VEHICLE CONTROL ECU)

Wire Harness Side Connector Front View:

E67
Fuel Lid Opener Switch



A61
Hybrid Vehicle Control ECU



H

B150834E01

- (a) Disconnect the A61 ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
E67-4 - A61-48 (FUEL)	Always	Below 1 Ω
E67-4 - Body ground		10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

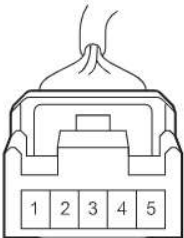
ED

4

CHECK HARNESS AND CONNECTOR (FUEL LID OPENER SWITCH - BODY GROUND)

Wire Harness Side Connector Front View:

E67
Fuel Lid Opener Switch



B150838E01

- (a) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
E67-1 - Body ground	Always	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM**ED-21****OK**

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (See page [ED-12](#))

ED

ED-22

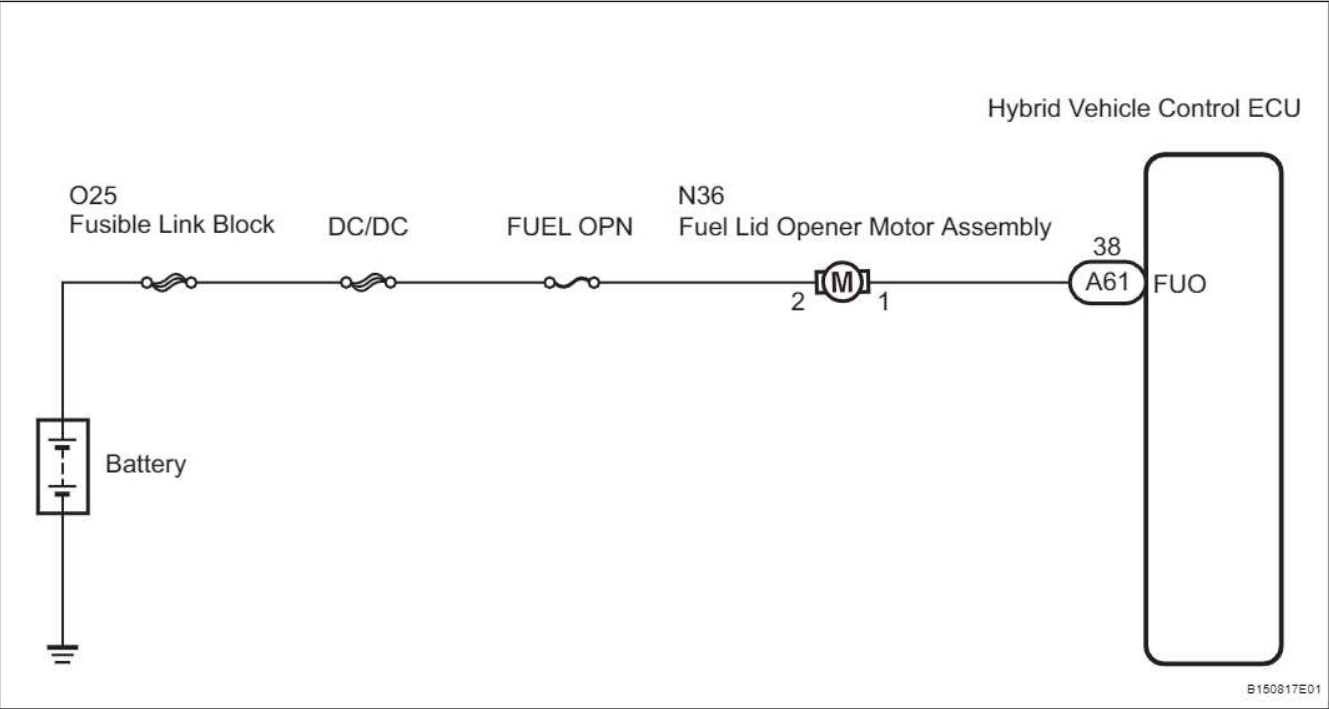
ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

Fuel Lid Opener Motor Circuit

DESCRIPTION

The hybrid vehicle control ECU receives signals from the fuel lid opener switch, it activates the fuel lid opener motor.

WIRING DIAGRAM



INSPECTION PROCEDURE

ED

1INSPECT FUSE (FUEL OPN)

- (a) Remove the FUEL OPN fuse from the instrument pane J/ B.
- (b) Measure the resistance of the fuse.
- Standard resistance:
Below 1 Ω

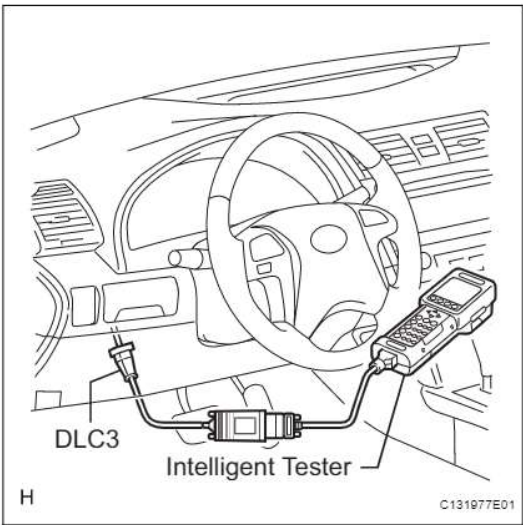
OK

NG

REPLACE FUSE (FUEL OPN)

2

PERFORM ACTIVE TEST BY INTELLIGENT TESTER



- (a) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (b) Turn the power switch on (IG) and turn the intelligent tester main switch on.
- (c) Perform the ACTIVE TEST according to the tester display.

Tester Display	Test Part	Control Range	Diagnostic Note
FUEL FILLER OPN	Fuel lid opener control	ON: Open	-

OK:
Fuel lid opens.

NG

Go to step 3

OK

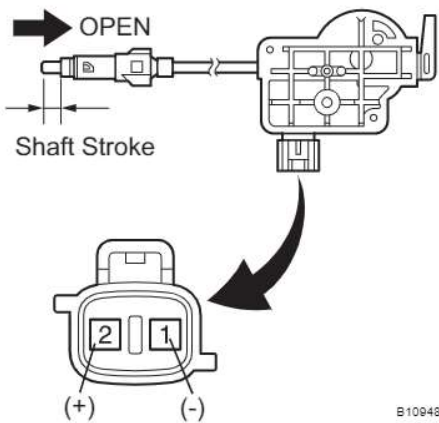
PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (See page ED-12)

3

INSPECT FUEL LID OPENER MOTOR ASSEMBLY

ED

Fuel Lid Opener Motor Assembly:



- (a) Remove the fuel lid opener motor assembly (See page ED-106).
- (b) Apply battery voltage to the lock terminals and check that the motor operates and the shaft moves in the open direction.

OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Motor operates and shaft moves in open direction

- (c) Measure the shaft stroke.
Standard:
10.3 mm (0.406 in.) or more
If the result is not as specified, replace the motor assembly.

NG

REPLACE FUEL LID OPENER MOTOR ASSEMBLY (See page ED-106)

ED-24

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

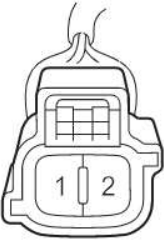
OK

4

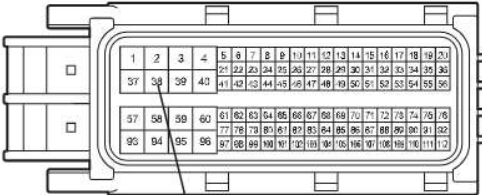
CHECK HARNESS AND CONNECTOR (FUEL LID OPENER MOTOR - HYBRID VEHICLE CONTROL ECU)

Wire Harness Side Connector Front View:

N36
Fuel Lid Opener Motor Assembly



A61
Hybrid Vehicle Control ECU



FUO

H

B150835E01

- (a) Disconnect the A61 ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
N36-1 - A61-38 (FUO)	Always	Below 1 Ω
N36-1 - Body ground		10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

ED

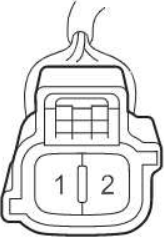
OK

5

CHECK HARNESS AND CONNECTOR (FUEL LID OPENER MOTOR - BATTERY)

Wire Harness Side Connector Front View:

N36
Fuel Lid Opener Motor Assembly



B150837E01

- (a) Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester Connection	Condition	Specified Condition
N36-2 - Body ground	Always	10 to 14 V

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

ED-25



PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (See page [ED-12](#))

ED

ED-26

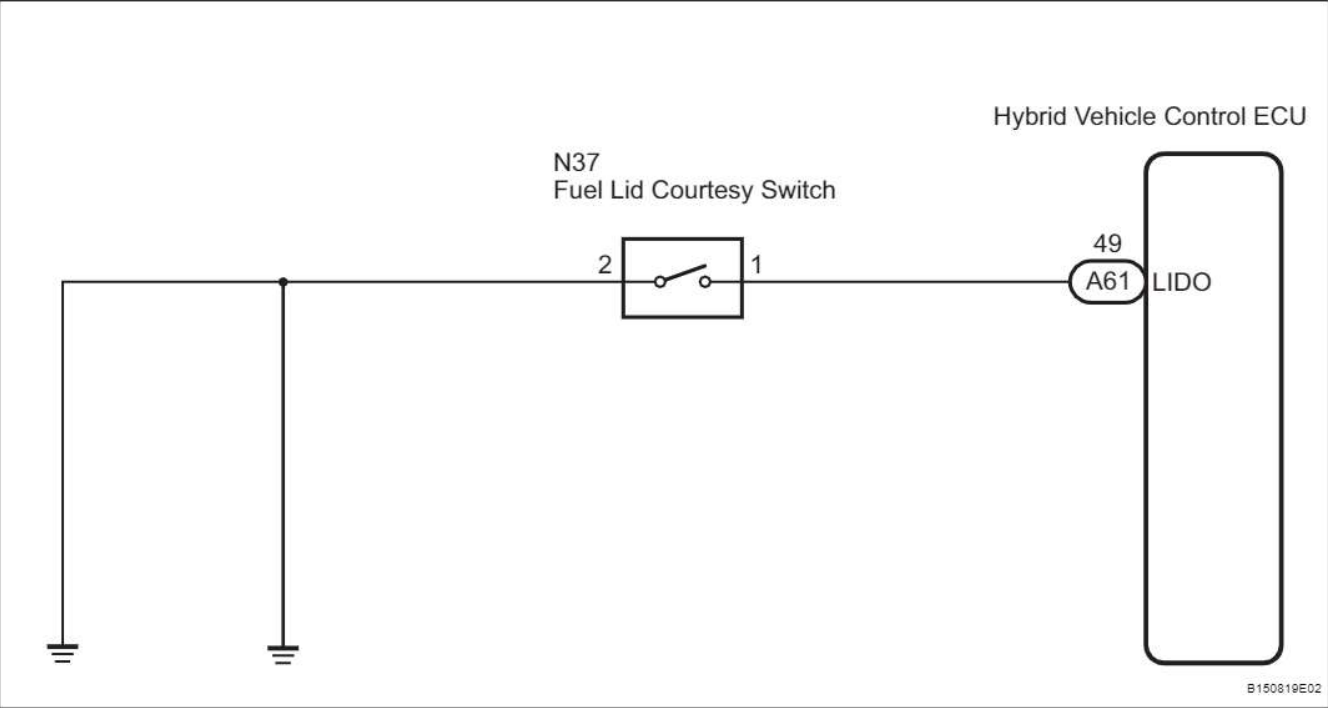
ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

Fuel Lid Courtesy Switch Circuit

DESCRIPTION

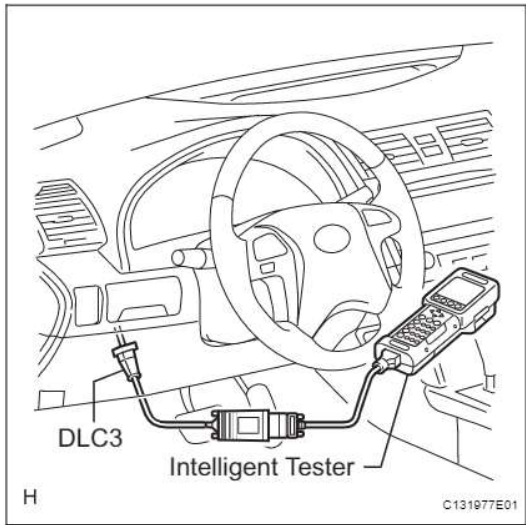
The hybrid vehicle control ECU detects the condition of the fuel lid courtesy switch.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 READ VALUE OF INTELLIGENT TESTER



- (a) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (b) Turn the power switch on (IG) and turn the intelligent tester main switch on.
- (c) Select FUEL LID in the DATA LIST and read the tester display.

Tester Display	Measurement Item/Range	Normal Condition	Diagnostic Note
FUEL LID	Fuel lid courtesy switch: ON or OFF	ON: Fuel lid is opened OFF: Fuel lid is not closed	-

OK:
ON or OFF appears on the screen according to the fuel lid condition.

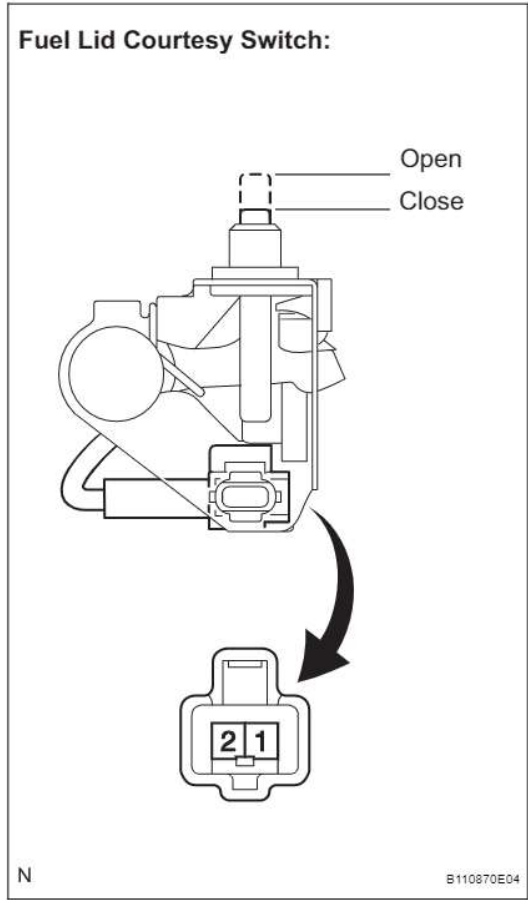
NG → Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (See page ED-12)

2

INSPECT FUEL LID COURTESY SWITCH



- (a) Remove the fuel lid courtesy switch (See page ED-111).
(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
1 - 2	Courtesy switch pushed (Fuel lid closed)	Below 1 Ω
	Courtesy switch free (Fuel lid open)	10 kΩ or higher

NG → REPLACE FUEL LID COURTESY SWITCH
(See page ED-111)

OK

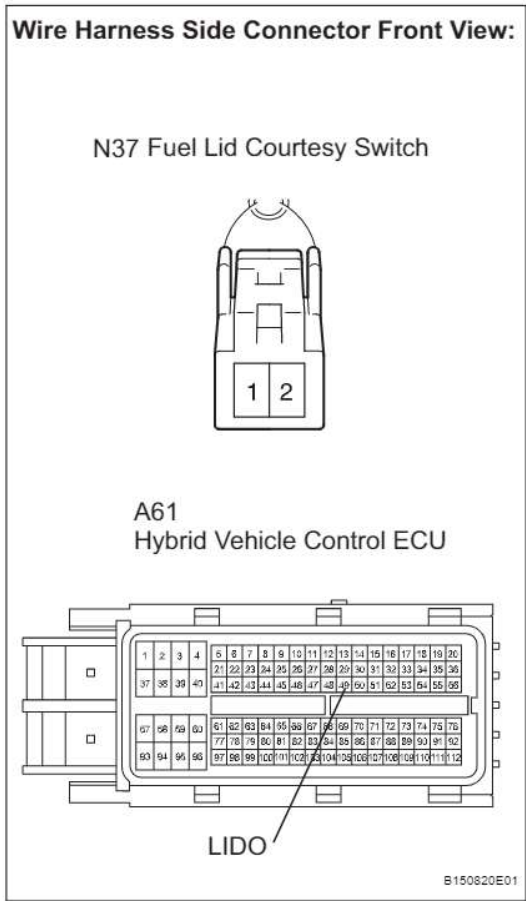
ED

ED-28

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

3

CHECK HARNESS AND CONNECTOR (FUEL LID COURTESY SWITCH - HYBRID VEHICLE CONTROL ECU)



- (a) Disconnect the A61 ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.
- Standard resistance**

Tester Connection	Condition	Specified Condition
N37-1 - A61-49 (LIDO)	Always	Below 1 Ω
N37-1 - Body ground		10 kΩ or higher

NG

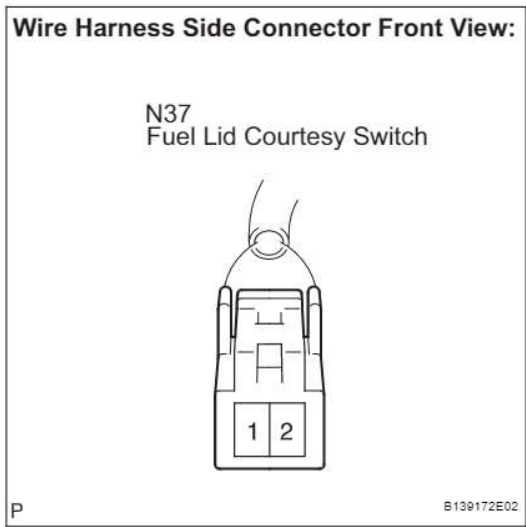
REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

ED

4

CHECK HARNESS AND CONNECTOR (FUEL LID COURTESY SWITCH BODY GROUND)



- (a) Measure the resistance according to the value(s) in the table below.
- Standard resistance**

Tester Connection	Condition	Specified Condition
N37-2 - Body ground	Always	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

ED-29



PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (See page [ED-12](#))

ED

ED-32

ENGINE HOOD / DOOR – HOOD SUPPORT ROD

INSTALLATION**NOTICE:**

- Avoid touching the stroke portions of the rod as much as possible to prevent foreign matter from attaching to the stroke portions. Be sure to hold the cylinders while servicing the vehicle.
- Do not wear cotton gloves or other similar materials when handling the rod. Fibers may attach to the rod and result in gas leaks.
- Do not apply any load to the cylinders in the horizontal direction in order to prevent the rod from being deformed.

1. INSTALL HOOD SUPPORT ASSEMBLY

- (a) Install the hood support assembly.

NOTICE:

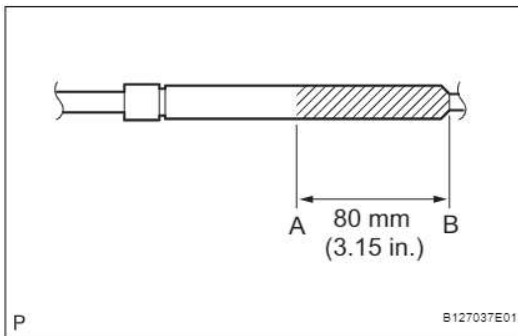
- Install the hood support assembly while supporting the hood by hand.
- Check that the hood support assembly is engaged in the ball joint and that the hood support assembly cannot be pulled out.

DISPOSAL**1. DISPOSE OF HOOD SUPPORT ASSEMBLY**

- (a) Secure the hood support horizontally in a vise with the piston-rod pulled out.
- (b) Wear safety glasses. Use a metal saw to slowly cut a groove between A and B shown in the illustration to release the gas.

NOTICE:

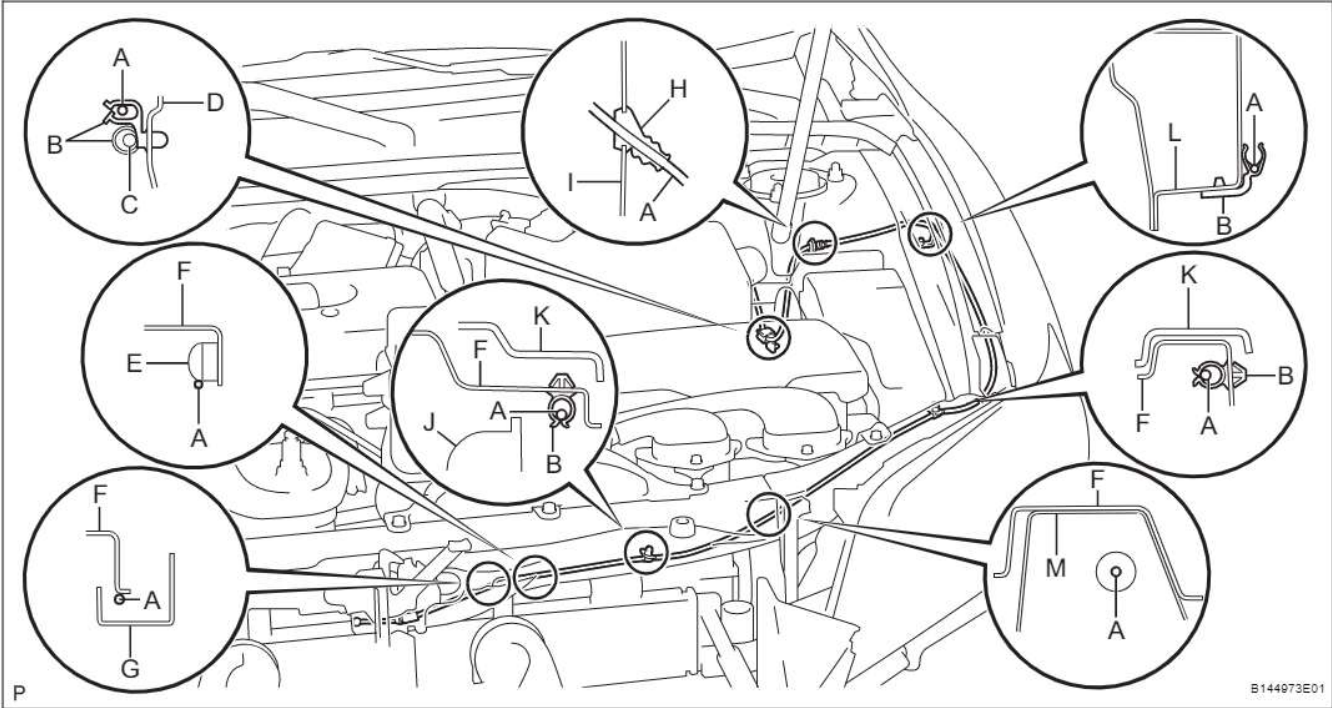
Although the gas inside the hood support is colorless, odorless, and harmless, metal debris may scatter. Therefore, cover the hood support with a piece of cloth or other material.

**ED**

INSTALLATION

1. INSTALL HOOD LOCK CONTROL CABLE ASSEMBLY

- (a) Pass the hood lock control cable assembly into the engine compartment.



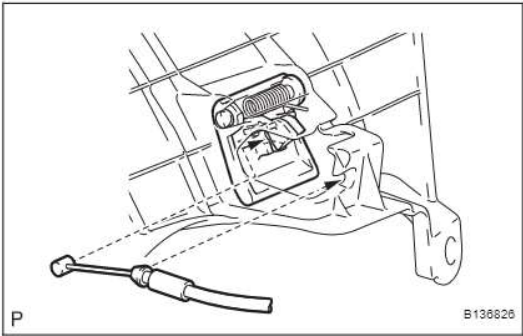
Area	Part Name	Area	Part Name
A	Hood lock control cable	H	Grommet
B	Clamp	I	Side member outer
C	Wire harness	J	Radiator
D	Pillar	K	Radiator support cover
E	Nut	L	Front fender apron
F	Radiator support upper	M	Brace
G	Hood lock protector	-	-

ED

- (b) Pass the cable through the upper radiator support.
(c) Connect the clamps as shown in the illustration.

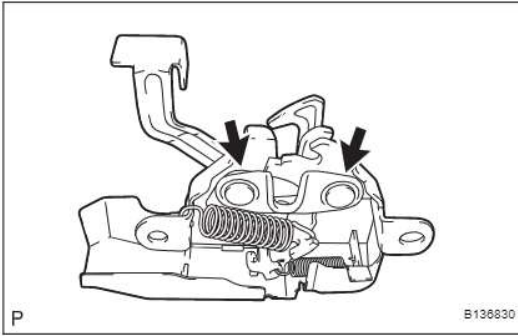
2. INSTALL HOOD LOCK CONTROL LEVER SUB-ASSEMBLY

- (a) Install the hood lock control lever and connect the hood lock control cable.

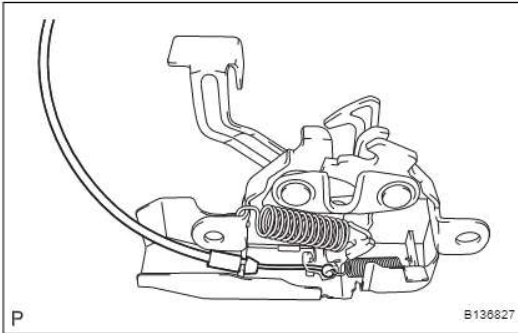


ED-36

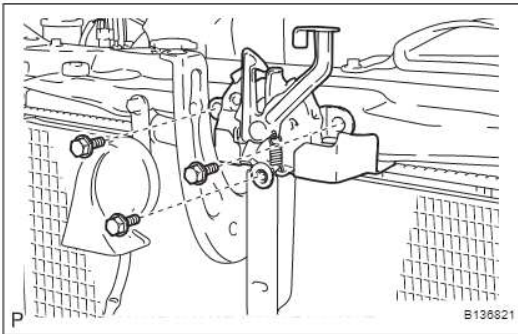
ENGINE HOOD / DOOR – HOOD LOCK CONTROL CABLE ASSEMBLY

**3. INSTALL HOOD LOCK ASSEMBLY**

(a) Apply MP grease to the sliding areas of the lock.

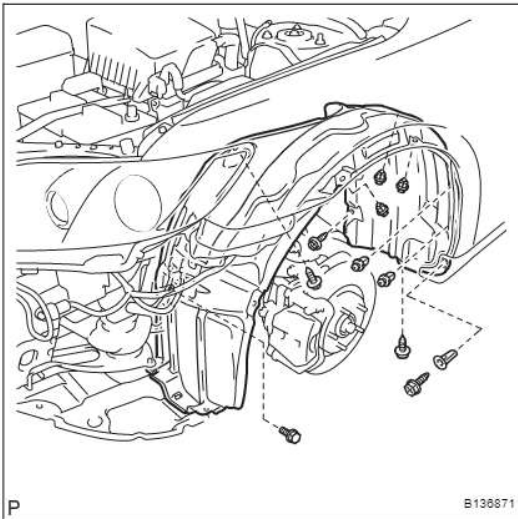


(b) Connect the hood lock control cable.



(c) Install the hood lock assembly with the 3 bolts.

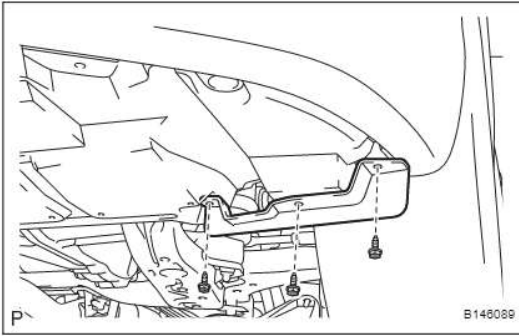
Torque: 7.5 N*m (77 kgf*cm, 66 in.*lbf)

4. INSTALL HIGH PITCHED HORN ASSEMBLY (See page [HO-8](#))**ED****5. INSTALL FRONT FENDER SPLASH SHIELD SUB-ASSEMBLY**

(a) Install the front fender splash shield sub-assembly with the grommet and 4 screws.

(b) Install the bolt and 5 clips.

6. INSPECT HOOD SUB-ASSEMBLY (See page [ED-28](#))**7. ADJUST HOOD SUB-ASSEMBLY (See page [ED-28](#))****8. INSTALL FRONT BUMPER ASSEMBLY (See page [ET-9](#))**

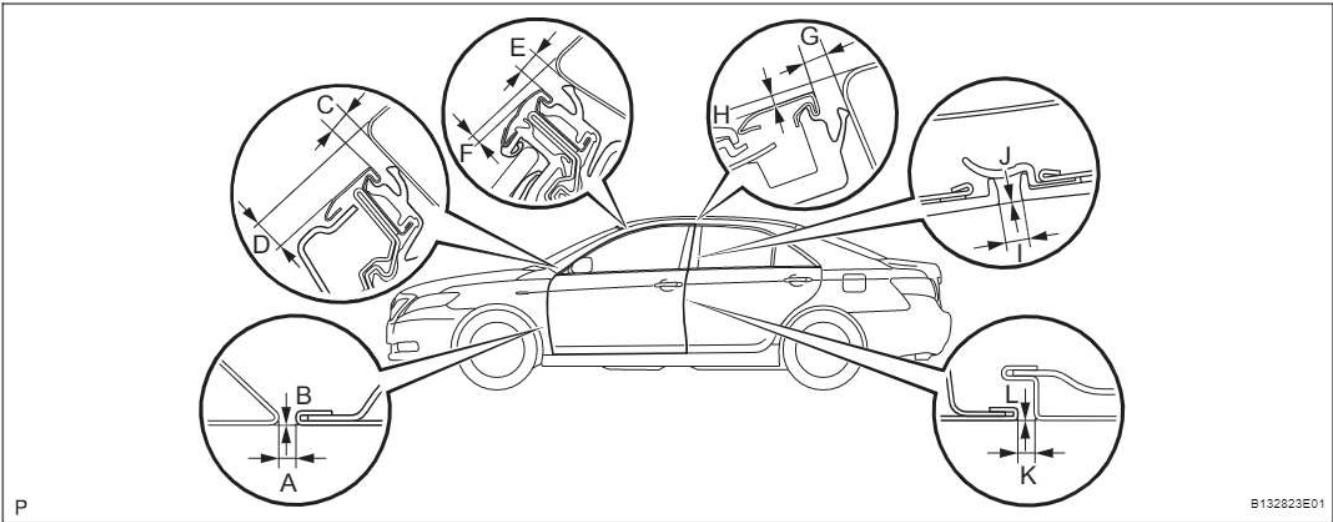
ENGINE HOOD / DOOR – HOOD LOCK CONTROL CABLE ASSEMBLY**ED-37****9. INSTALL FRONT WHEEL OPENING EXTENSION PAD**

- (a) Install the front wheel opening extension pad with the 3 screws.

10. INSTALL FRONT WHEEL (See page [SP-19](#))**ED**

ON-VEHICLE INSPECTION

1. INSPECT FRONT DOOR PANEL SUB-ASSEMBLY
- (a) Check that the clearance measurements of areas A through L are within each standard range.



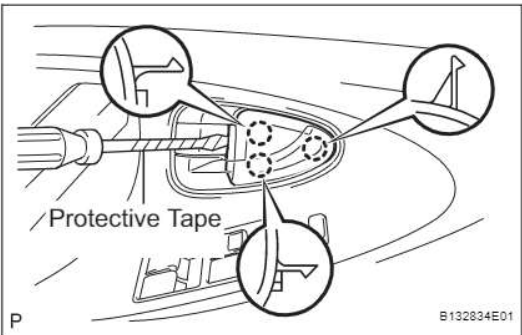
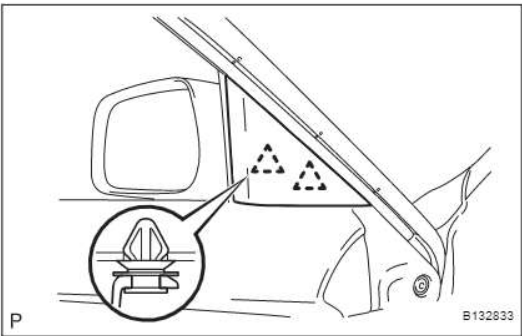
Standard clearance

Area	Measurement	Area	Measurement
A	2.7 to 5.7 mm (0.106 to 0.224 in.)	G	3.3 to 6.3 mm (0.130 to 0.248 in.)
B	-1.5 to 1.5 mm (-0.059 to 0.059 in.)	H	-0.3 to 2.7 mm (-0.012 to 0.106 in.)
C	3.3 to 6.3 mm (0.130 to 0.248 in.)	I	2.3 to 6.3 mm (0.091 to 0.248 in.)
D	6.4 to 9.4 mm (0.252 to 0.370 in.)	J	-2.0 to 2.0 mm (-0.079 to 0.079 in.)
E	3.3 to 6.3 mm (0.130 to 0.248 in.)	K	2.7 to 5.7 mm (0.106 to 0.224 in.)
F	0.9 to 3.9 mm (0.035 to 0.154 in.)	L	-1.5 to 1.5 mm (-0.059 to 0.059 in.)

DISASSEMBLY

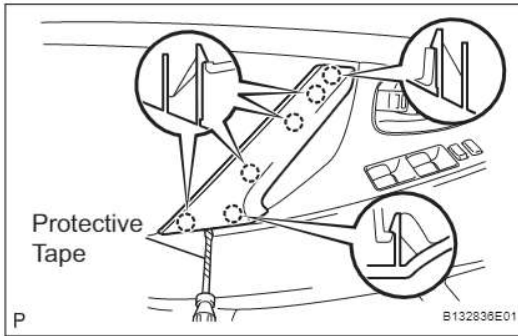
1. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH
- (a) Disengage the 2 clips and remove the front door lower frame bracket garnish.
2. REMOVE FRONT DOOR INSIDE HANDLE BEZEL PLUG
- (a) Using a screwdriver with the tip wrapped with protective tape, disengage the 3 claws, and remove the front door inside handle bezel plug.

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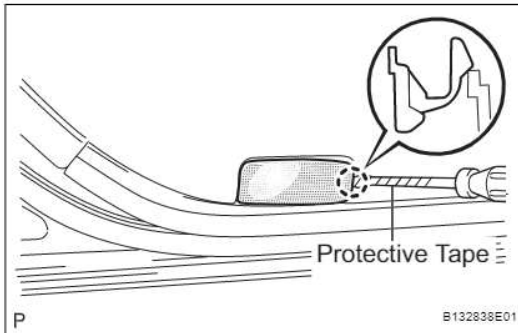


ED-42

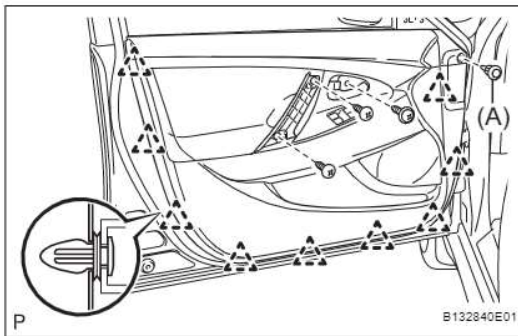
ENGINE HOOD / DOOR – FRONT DOOR

**3. REMOVE ASSIST GRIP COVER**

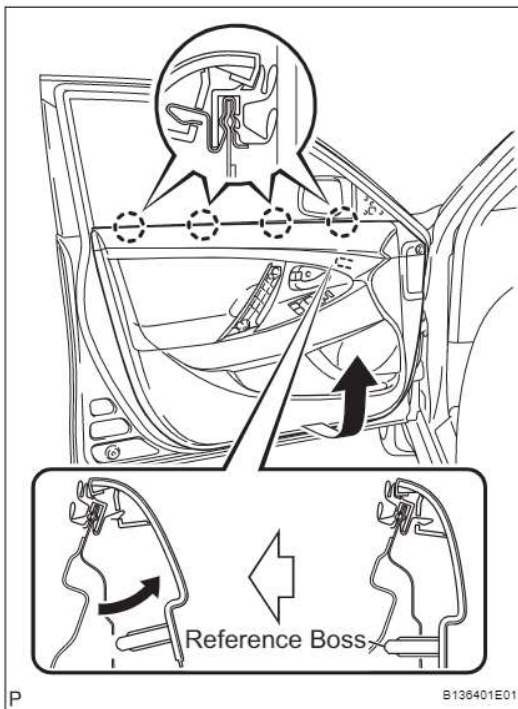
- (a) Using a screwdriver with the tip wrapped with protective tape, disengage the 6 claws and remove the assist grip cover.

**4. REMOVE COURTESY LIGHT ASSEMBLY**

- (a) Using a screwdriver with the tip wrapped with protective tape, disengage the claw and remove the courtesy light assembly.
(b) Disconnect the connector.

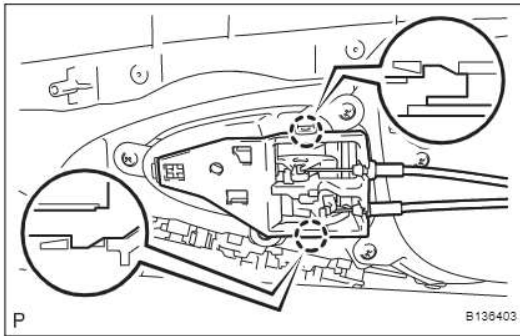
**5. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY**

- (a) Remove the 3 screws and clip (A).
(b) Using a clip remover, disengage the 9 clips.

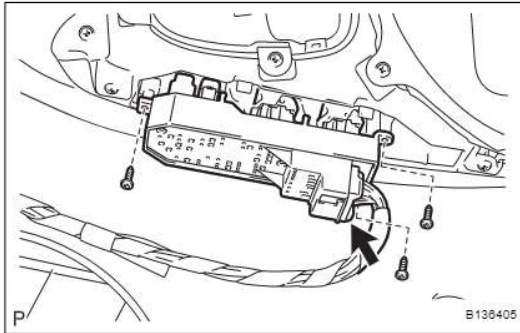


- (c) Pull up the front door trim board in the direction indicated by the arrow.
(d) Disengage the reference bosses from the front door panel.
(e) Raise the front door trim board to disengage the 4 claws and remove the front door trim board together with the front door inner glass weatherstrip.

ED

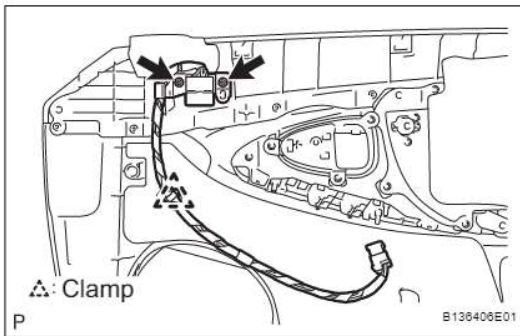
ENGINE HOOD / DOOR – FRONT DOOR**ED-43**

- (f) Disengage the 2 claws and disconnect the front door inside handle sub-assembly.



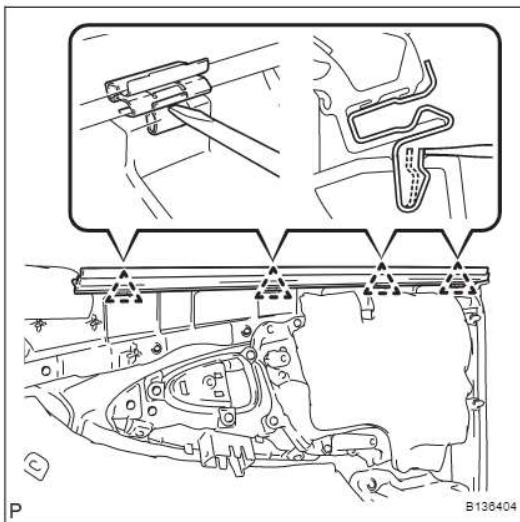
6. REMOVE POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY

- (a) Disconnect the connector.
(b) Remove the 3 screws and the power window regulator master switch assembly.



7. REMOVE FRONT DOOR WIRE (for Driver Side)

- (a) Disengage the clamp and remove the 2 screws and front door wire.



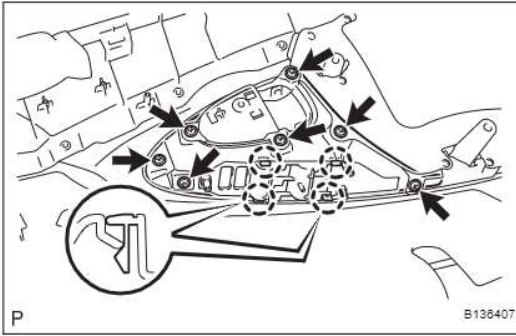
8. REMOVE FRONT DOOR INNER GLASS WEATHERSTRIP

- (a) Using a screwdriver, disengage the 4 clips as shown in the illustration and remove the front door inner glass weatherstrip from the front door trim board.

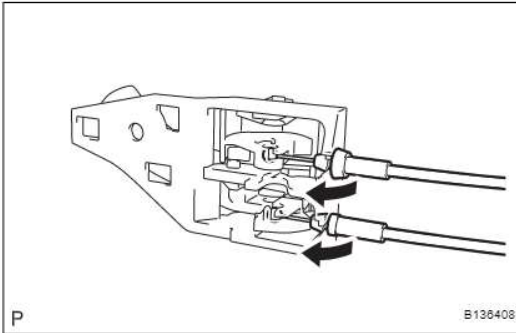
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ED-44

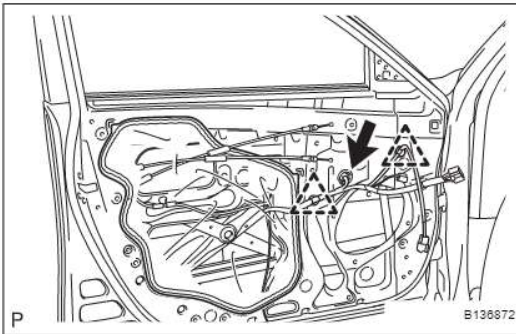
ENGINE HOOD / DOOR – FRONT DOOR

**9. REMOVE FRONT ARMREST BASE PANEL UPPER**

- (a) Remove the 7 screws.
- (b) Disengage the 4 claws and remove the front armrest base panel upper.

**10. REMOVE FRONT DOOR INSIDE HANDLE SUB-ASSEMBLY**

- (a) Disconnect the front door lock remote control cable and front door inside locking cable and remove the front door inside handle sub-assembly.

11. REMOVE FRONT NO. 1 SPEAKER ASSEMBLY (See page AV-145)**12. REMOVE OUTER REAR VIEW MIRROR ASSEMBLY (See page MI-13)****13. REMOVE FRONT DOOR SERVICE HOLE COVER**

- (a) Disconnect the connector and each clamp, and remove the front door service hole cover.

HINT:

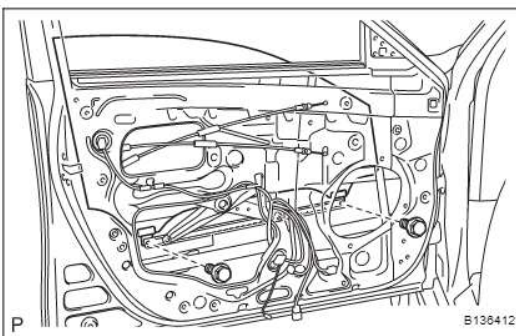
Remove the remaining butyl tape on the door side.

14. REMOVE FRONT DOOR GLASS SUB-ASSEMBLY

- (a) Connect the front power window regulator motor assembly connector.
- (b) Connect the power window regulator master switch assembly and move the front door glass sub-assembly so that the door glass bolts can be seen.
- (c) Remove the 2 bolts.

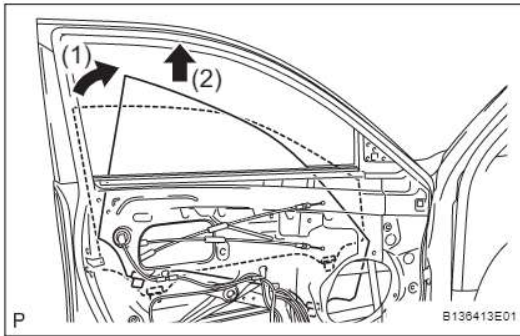
NOTICE:

After the bolts are removed, the door glass may fall, causing damage.



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ENGINE HOOD / DOOR – FRONT DOOR

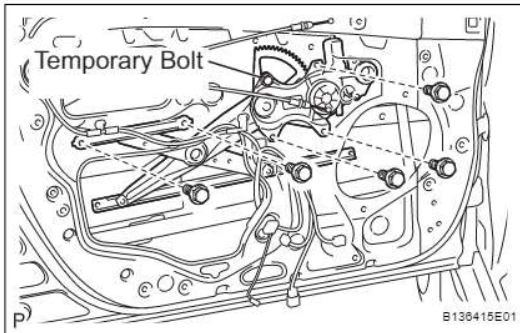


- (d) Remove the front door glass sub-assembly as shown in the illustration.

NOTICE:

Do not damage the door glass.

- (e) Disconnect the power window regulator master switch assembly and front power window regulator motor assembly connector.



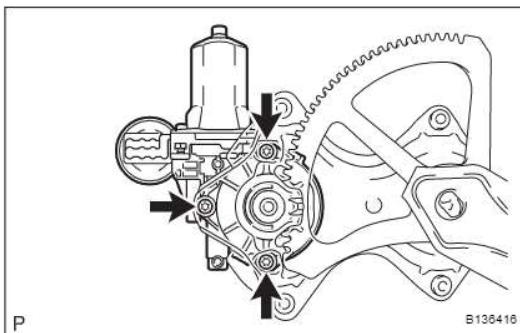
15. REMOVE FRONT DOOR WINDOW REGULATOR SUB-ASSEMBLY

- (a) Loosen the temporary bolt.

NOTICE:

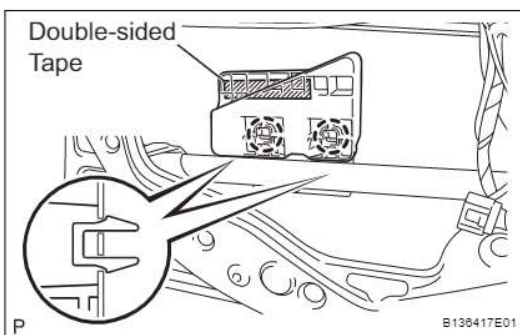
Do not remove the temporary bolt. If the temporary bolt is removed, the front door window regulator may fall, causing damage.

- (b) Remove the 5 bolts.
 (c) Remove the front door window regulator sub-assembly and the power window regulator motor assembly front as a unit.
 (d) Remove the temporary bolt from the front door window regulator sub-assembly.



16. REMOVE FRONT POWER WINDOW REGULATOR MOTOR ASSEMBLY

- (a) Using a "TORX" driver (T25), remove the 3 screws and the front power window regulator motor assembly.



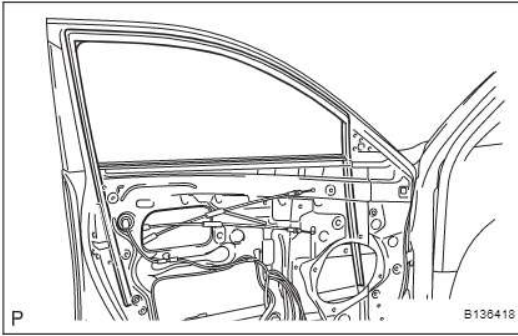
17. REMOVE FRONT NO. 1 DOOR STIFFENER CUSHION

- (a) Disengage the 2 claws.
 (b) Remove the double-sided tape and the front No. 1 door stiffener cushion.

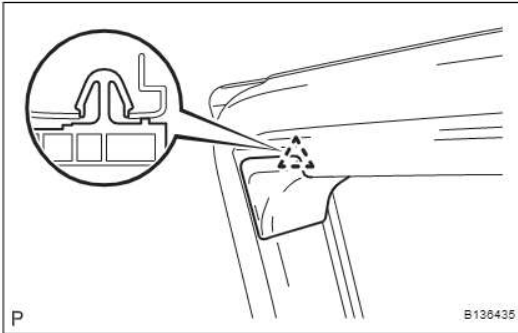
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ED-46

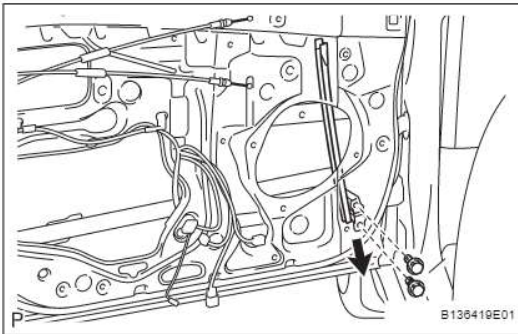
ENGINE HOOD / DOOR – FRONT DOOR

**18. REMOVE FRONT DOOR GLASS RUN**

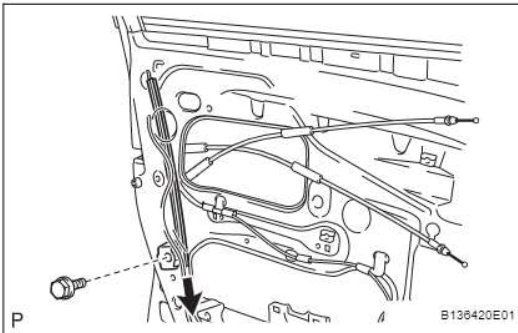
- (a) Remove the front door glass run.

**19. REMOVE DOOR FRAME GARNISH**

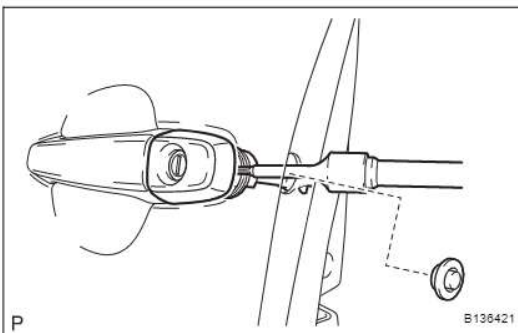
- (a) Disengage the clip and remove the door frame garnish.

**20. REMOVE FRONT DOOR FRONT LOWER FRAME SUB-ASSEMBLY**

- (a) Remove the 2 bolts and the front door front lower frame sub-assembly as shown in the illustration.

**21. REMOVE FRONT DOOR REAR LOWER FRAME SUB-ASSEMBLY**

- (a) Remove the bolt and the front door rear lower frame sub-assembly as shown in the illustration.

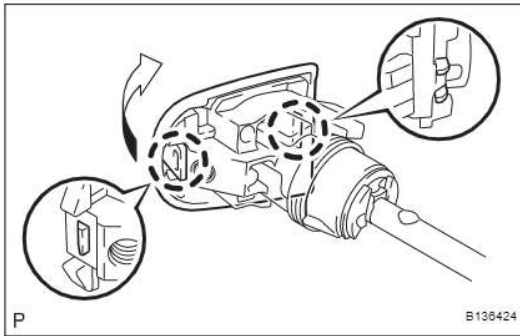
**22. REMOVE FRONT DOOR OUTSIDE HANDLE COVER**

- (a) Remove the hole plug.
 (b) Using a "TORX" socket wrench (T30), loosen the screw and remove the front door outside handle cover and the door lock key cylinder as a unit.

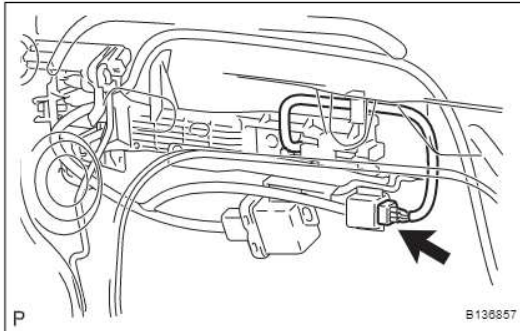
HINT:

The screw cannot be removed because it is integrated into the front door outside handle frame sub-assembly.

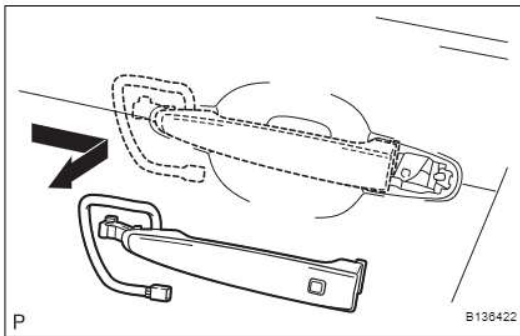
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ENGINE HOOD / DOOR – FRONT DOOR**ED-47**

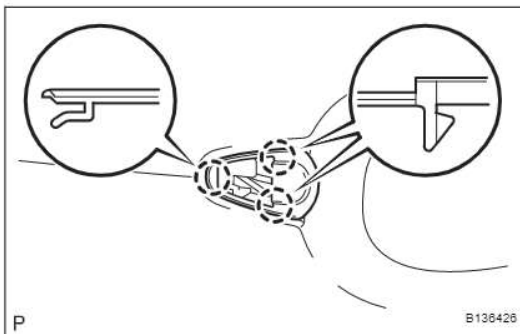
- (c) Using a screwdriver, disengage the 2 claws and remove the front door outside handle cover.

**23. REMOVE FRONT DOOR OUTSIDE HANDLE ASSEMBLY**

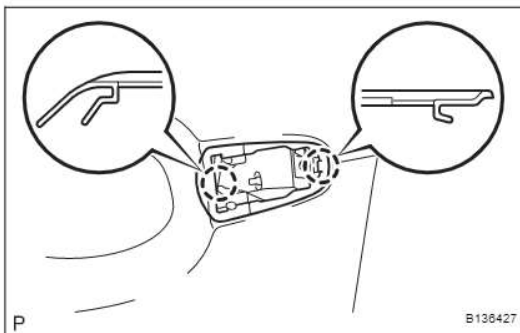
- (a) Disconnect the connector.



- (b) Remove the front door outside handle assembly as shown in the illustration.

**24. REMOVE FRONT DOOR FRONT OUTSIDE HANDLE PAD**

- (a) Disengage the 3 claws and remove the front door front outside handle pad.

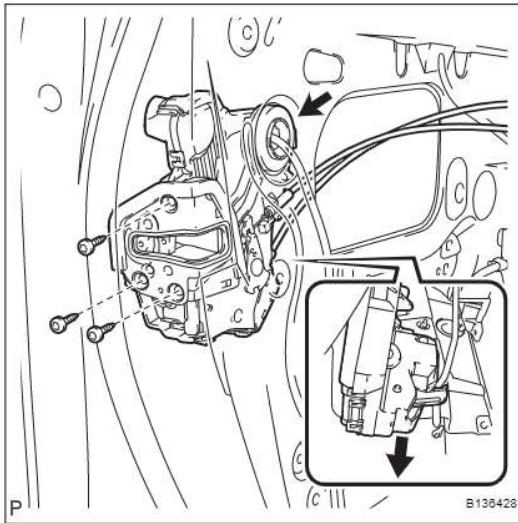
**25. REMOVE FRONT DOOR REAR OUTSIDE HANDLE PAD**

- (a) Disengage the 2 claws and remove the front door rear outside handle pad.

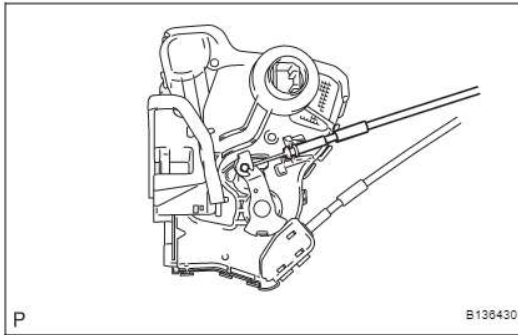
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ED-48

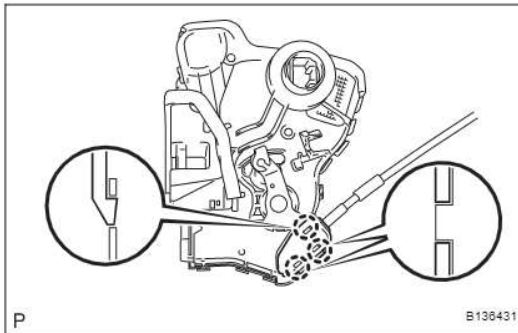
ENGINE HOOD / DOOR – FRONT DOOR

**26. REMOVE FRONT DOOR LOCK ASSEMBLY**

- (a) Disconnect the connector.
- (b) Using a "TORX" socket wrench (T30), remove the 3 screws.
- (c) Slide the front door lock assembly downward, pull out the front door lock open rod from the outside handle frame, and remove the front door lock assembly and cables as a unit.
- (d) Remove the front door lock open rod from the front door lock assembly.
- (e) Remove the door lock wiring harness seal from the front door lock assembly.

**27. REMOVE FRONT DOOR LOCK REMOTE CONTROL CABLE ASSEMBLY**

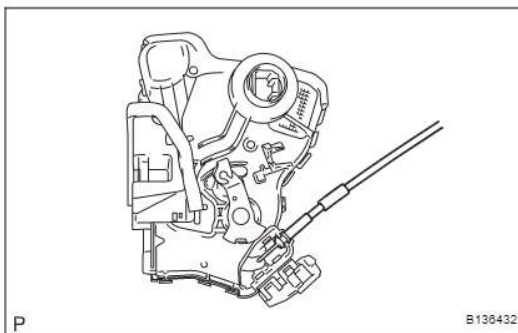
- (a) Remove the front door lock remote control cable assembly.

**28. REMOVE FRONT DOOR INSIDE LOCKING CABLE ASSEMBLY**

- (a) Using a screwdriver, disengage the 3 claws.

HINT:

Tape the screwdriver tip before use.

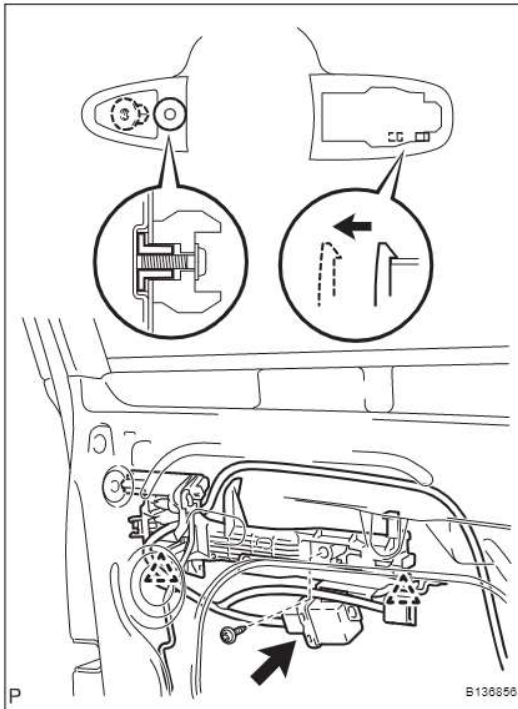


- (b) Remove the front door inside locking cable assembly.

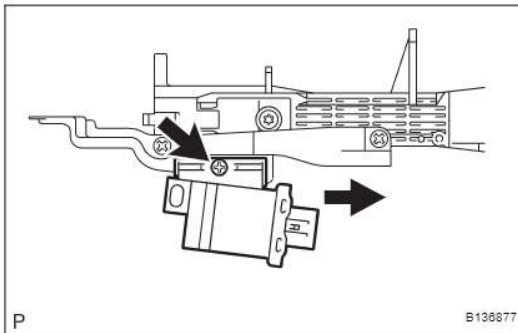
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ENGINE HOOD / DOOR – FRONT DOOR

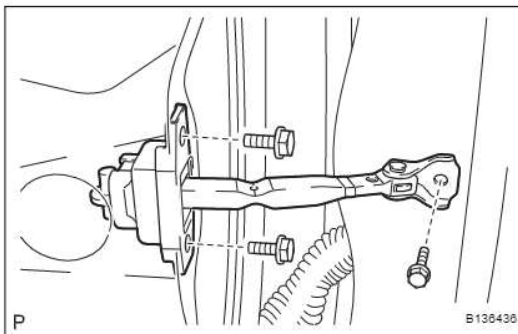
ED-49

**29. REMOVE FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY**

- (a) Using a "TORX" socket wrench (T30), remove the screw.
- (b) Disconnect the connector.
- (c) Disengage the 2 clamps.
- (d) Disengage the claw and remove the front door outside handle frame sub-assembly.

**30. REMOVE DOOR ELECTRICAL KEY OSCILLATOR**

- (a) Remove the screw and door electrical key oscillator.

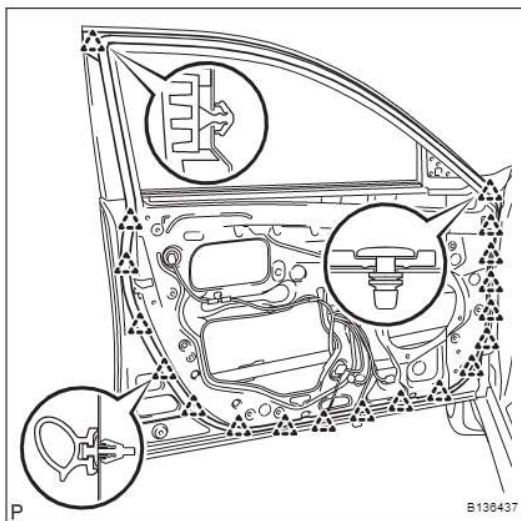
**31. REMOVE FRONT DOOR CHECK ASSEMBLY**

- (a) Remove the 3 bolts and front door check assembly.

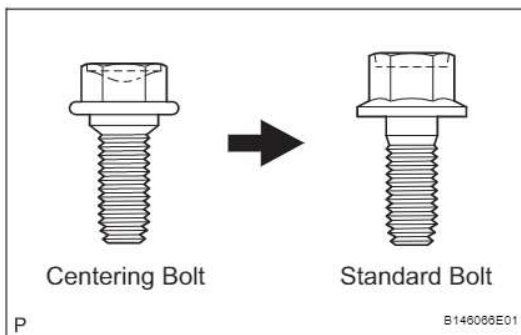
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ED-50

ENGINE HOOD / DOOR – FRONT DOOR

**32. REMOVE FRONT DOOR WEATHERSTRIP**

- (a) Using a clip remover, disengage the 19 clips and remove the front door weatherstrip.

33. REMOVE FRONT DOOR BELT MOULDING ASSEMBLY (See page ET-23)**34. REMOVE FRONT DOOR REAR WINDOW FRAME MOULDING (See page ET-37)****35. REMOVE FRONT DOOR UPPER WINDOW FRAME MOULDING (See page ET-38)****36. REMOVE FRONT DOOR STRIPE (See page ET-56)****37. REMOVE FRONT DOOR LOWER OUTSIDE STRIPE (See page ET-56)****ADJUSTMENT****HINT:**

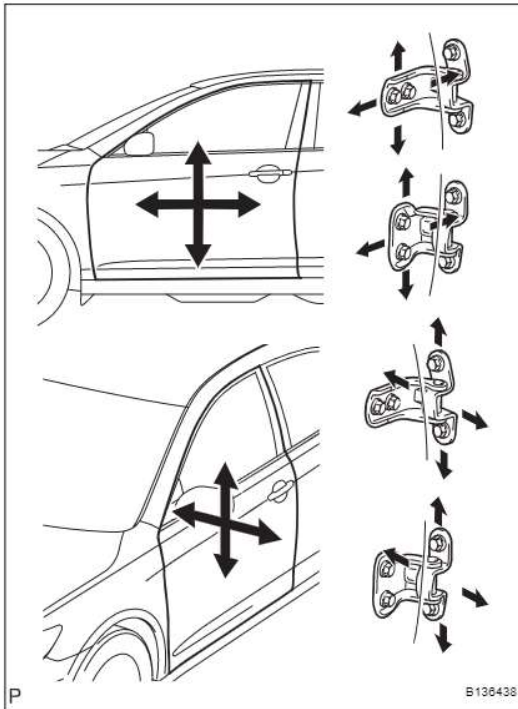
- Before adjusting the door positions of vehicles equipped with side airbags and curtain shield airbags, be sure to disconnect the battery. After adjustment, inspect the SRS warning light, the side airbag system, and the curtain shield airbag system for normal operation. Then initialize both airbag systems.
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.
- Centering bolts are used to mount the door hinge to the vehicle body and door. The door cannot be adjusted with the centering bolts installed on it. Substitute the centering bolts with standard bolts (with washers) when making adjustments.
- A bolt without a torque specification is shown in the standard bolt chart (See page SS-2).

1. DISCONNECT NEGATIVE BATTERY TERMINAL**CAUTION:**

Wait for 90 seconds after disconnecting the terminal to prevent airbag deployment (See page RS-1).

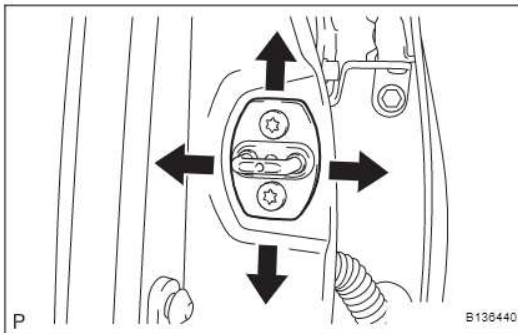
ENGINE HOOD / DOOR – FRONT DOOR

ED-51



2. ADJUST FRONT DOOR

- (a) Using SST, loosen the hinge bolts on the vehicle body and adjust the door position.
SST 09812-00010
- (b) Tighten the hinge bolts on the vehicle body after the adjustment.
Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)
- (c) Loosen the hinge bolts on the door and adjust the door position.
- (d) Tighten the hinge bolts on the door after the adjustment.
Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)



- (e) Adjust the striker position by slightly loosening the striker mounting screws with a "TORX" socket wrench (T40) and hitting the striker with a plastic hammer.
- (f) Using a "TORX" socket wrench (T40), tighten the striker mounting screws after the adjustment.
Torque: 23 N*m (235 kgf*cm, 17 ft.*lbf)

3. CONNECT NEGATIVE BATTERY TERMINAL

4. PERFORM INITIALIZATION

NOTICE:

Some systems need initialization after reconnecting the negative battery terminal (See page [IN-43](#)).

5. INSPECT SRS WARNING LIGHT

(See page [RS-33](#))

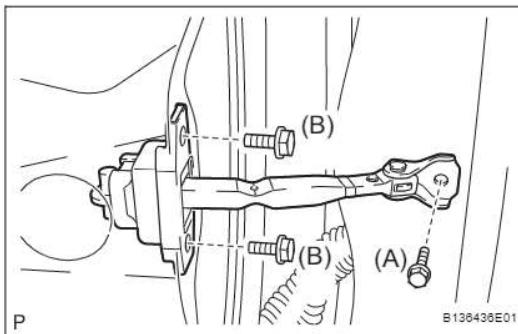
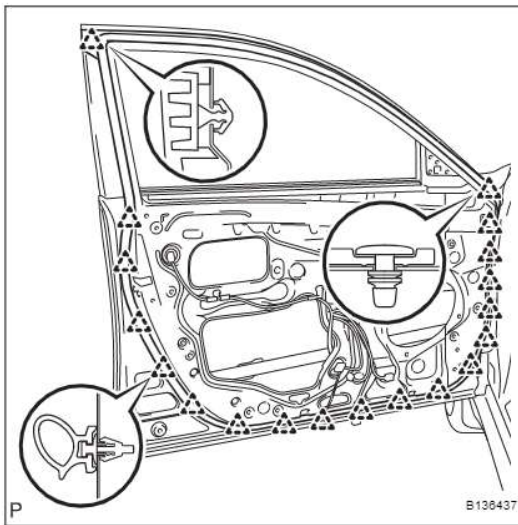
ED

ED-52

ENGINE HOOD / DOOR – FRONT DOOR

REASSEMBLY

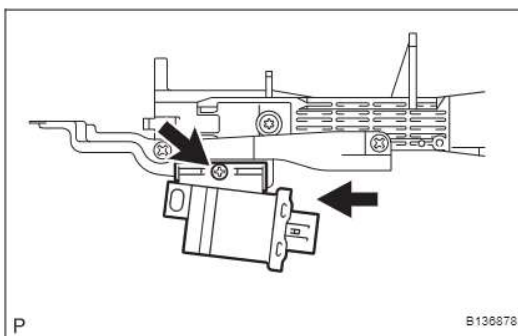
1. REPAIR INSTRUCTION (See page [ET-57](#))
2. INSTALL FRONT DOOR LOWER OUTSIDE STRIPE (See page [ET-60](#))
3. INSTALL FRONT DOOR STRIPE (See page [ET-60](#))
4. INSTALL FRONT DOOR UPPER WINDOW FRAME MOULDING (See page [ET-38](#))
5. INSTALL FRONT DOOR REAR WINDOW FRAME MOULDING (See page [ET-39](#))
6. INSTALL FRONT DOOR BELT MOULDING ASSEMBLY (See page [ET-23](#))
7. INSTALL FRONT DOOR WEATHERSTRIP
 - (a) Engage the 19 clips to install a new front door weatherstrip.



8. INSTALL FRONT DOOR CHECK ASSEMBLY
 - (a) Install the front door check assembly with the 3 bolts.

Torque: Bolt (A)
26 N*m (265 kgf*cm, 19 ft.*lbf)

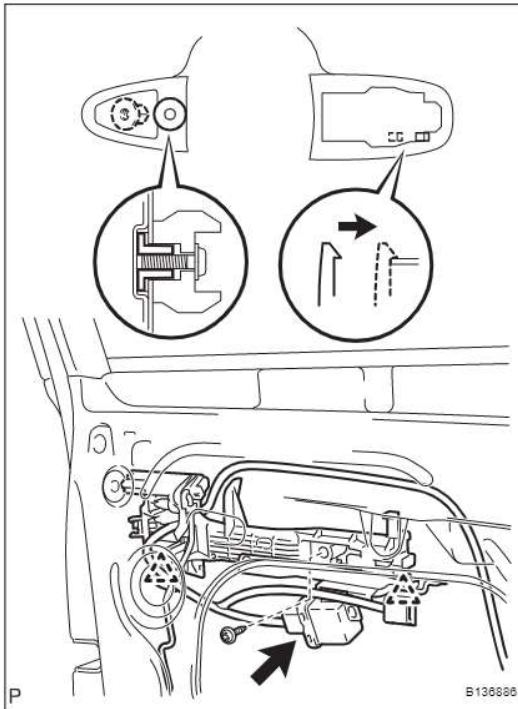
Torque: Bolt (B)
8.0 N*m (82 kgf*cm, 71 in.*lbf)



9. INSTALL DOOR ELECTRICAL KEY OSCILLATOR
 - (a) Install the door electrical key oscillator with the screw.
10. INSTALL FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY
 - (a) Apply MP grease to the sliding parts of the front door outside handle frame sub-assembly.

ENGINE HOOD / DOOR – FRONT DOOR

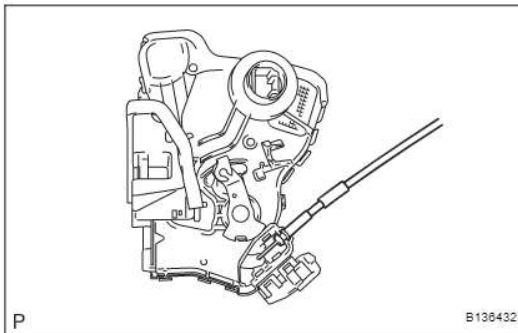
ED-53



- (b) Engage the claw to install the front door outside handle frame sub-assembly.
- (c) Using a "TORX" socket wrench (T30), install the front door outside handle frame sub-assembly with the screw.

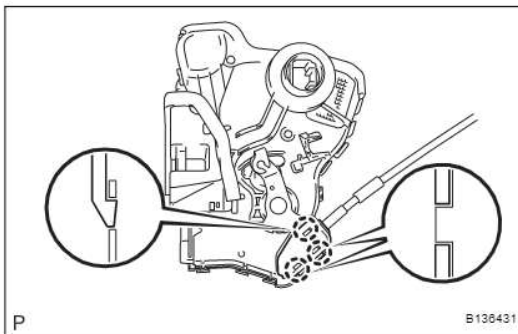
Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)

- (d) Engage the 2 clamps.
- (e) Connect the connector.

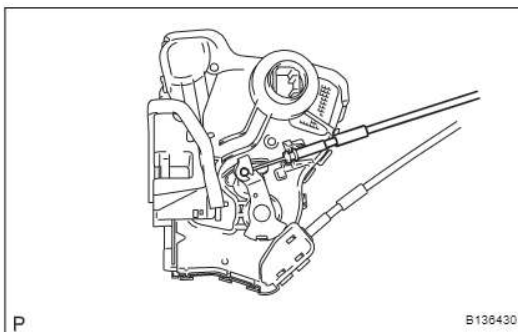


11. INSTALL FRONT DOOR INSIDE LOCKING CABLE ASSEMBLY

- (a) Install the front door inside locking cable assembly.



- (b) Engage the 3 claws.



12. INSTALL FRONT DOOR LOCK REMOTE CONTROL CABLE ASSEMBLY

- (a) Install the front door lock remote control cable assembly.

13. INSTALL FRONT DOOR LOCK ASSEMBLY

NOTICE:

- When reusing the removed front door lock assembly, replace the door lock wiring harness seal on the connector with a new one.

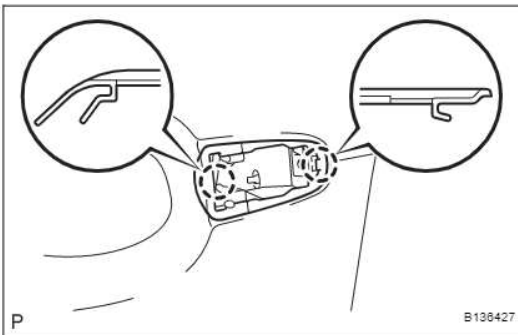
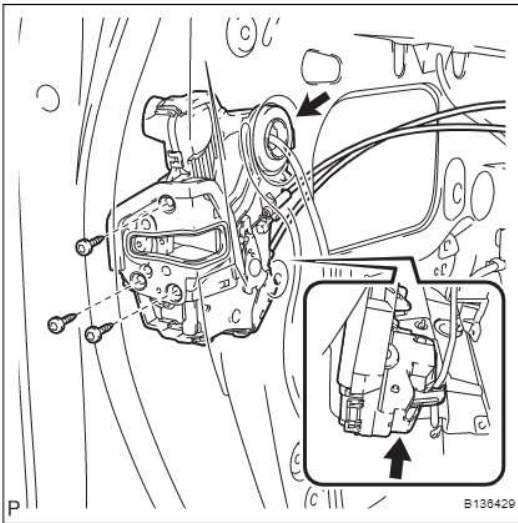
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ED-54

ENGINE HOOD / DOOR – FRONT DOOR

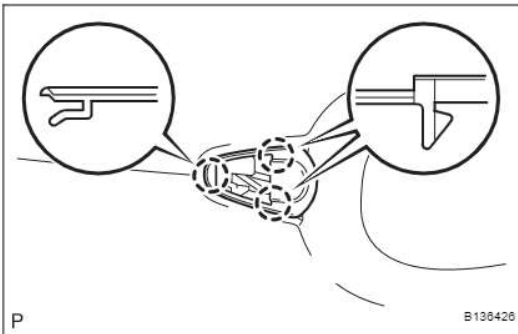
- Do not allow grease or dust to adhere to the door lock wiring harness seal surface of the connector.
- Reusing the door lock wiring harness seal or using a damaged door lock wiring harness seal may cause water intrusion to the connection. This may result in a malfunction of the front door lock assembly.

- Apply MP grease to the sliding parts of the front door lock assembly.
- Install a new door lock wiring harness seal to the front door lock assembly.
- Insert the front door lock open rod to the front door lock assembly, and set it to the front door outside handle frame.
- Make sure that the front door lock open rod is securely connected to the front door lock assembly.
- Using a "TORX" socket wrench (T30), install the front door lock assembly with the 3 screws.
Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)
- Connect the connector.



14. INSTALL FRONT DOOR REAR OUTSIDE HANDLE PAD

- Engage the 2 claws to install the front door rear outside handle pad.



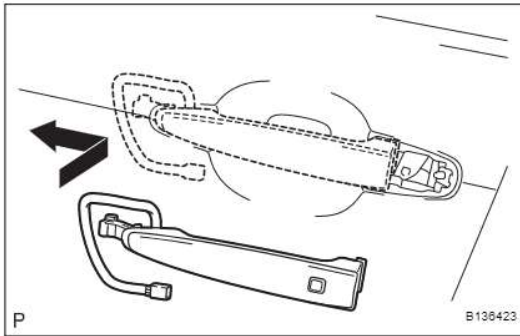
15. INSTALL FRONT DOOR FRONT OUTSIDE HANDLE PAD

- Engage the 3 claws to install the front door front outside handle pad.

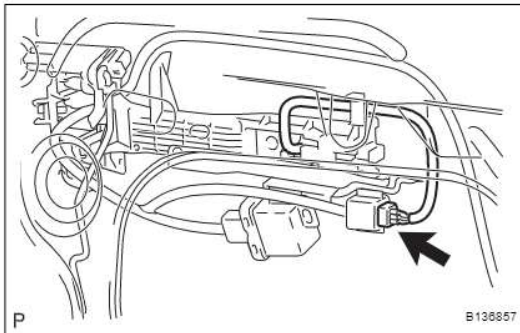
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ENGINE HOOD / DOOR – FRONT DOOR

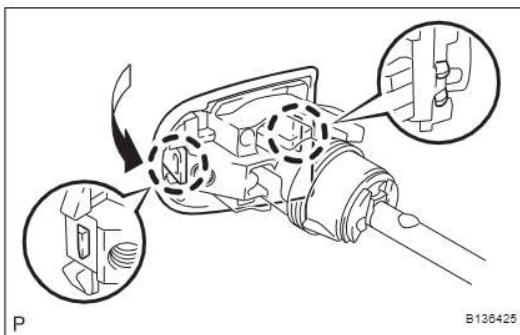
ED-55

**16. INSTALL FRONT DOOR OUTSIDE HANDLE ASSEMBLY**

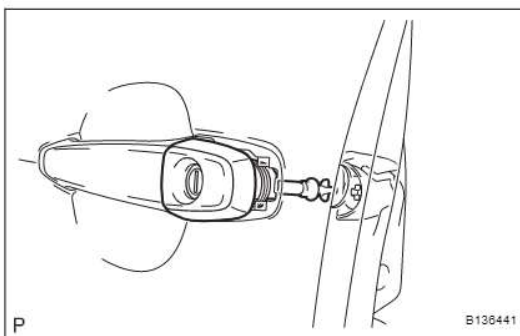
- (a) Insert the front end of the front door outside handle assembly into the front door outside handle frame.
- (b) Insert the rear end of the front door outside handle assembly into the front door outside handle frame. Next, slide the front door outside handle assembly toward the front of the vehicle to install it.



- (c) Connect the connector.

**17. INSTALL FRONT DOOR OUTSIDE HANDLE COVER**

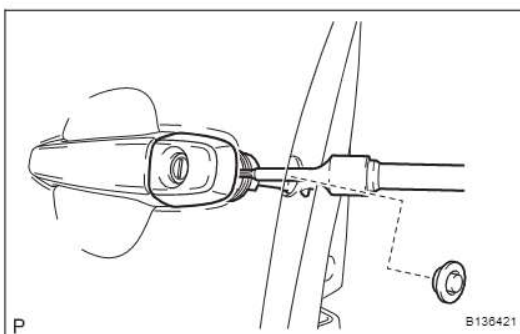
- (a) Engage the 2 claws to install the front door outside handle cover to the front door lock cylinder.



- (b) Install the front door lock cylinder.

HINT:

Make sure that the front door lock cylinder rod is inserted into the front door lock assembly.

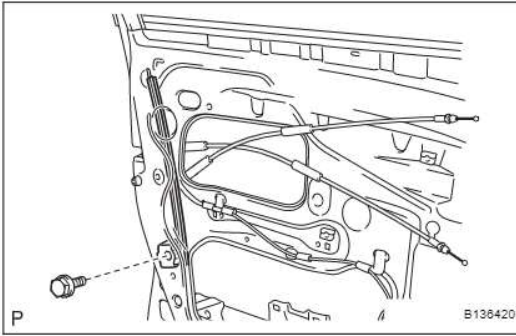


- (c) Using a "TORX" socket wrench (T30), install the front door lock cylinder with the screw.
Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)
- (d) Install the hole plug.

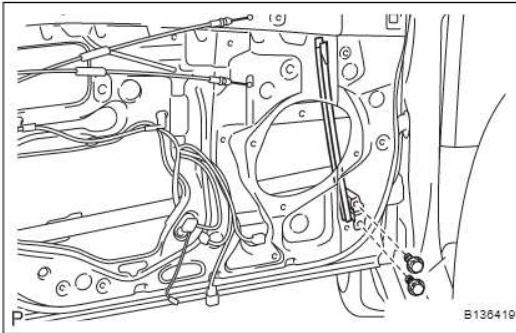
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ED-56

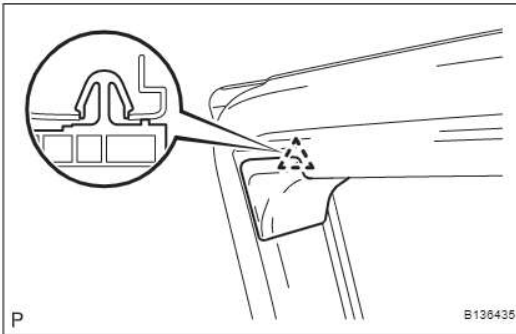
ENGINE HOOD / DOOR – FRONT DOOR

**18. INSTALL FRONT DOOR REAR LOWER FRAME SUB-ASSEMBLY**

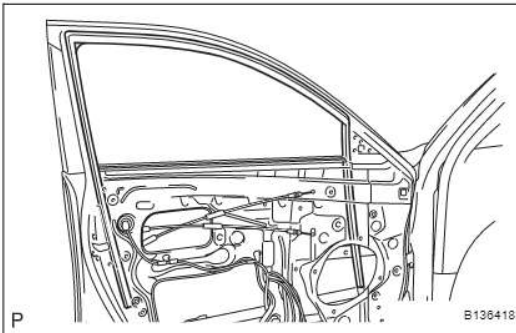
- (a) Install the front door rear lower frame sub-assembly with the bolt.

**19. INSTALL FRONT DOOR FRONT LOWER FRAME SUB-ASSEMBLY**

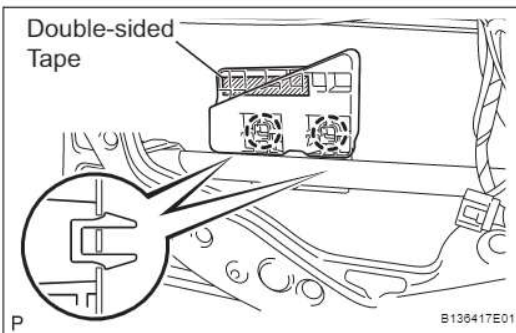
- (a) Install the front door front lower frame sub-assembly with the 2 bolts.

**20. INSTALL DOOR FRAME GARNISH**

- (a) Engage the clip and install a new door frame garnish.

**21. INSTALL FRONT DOOR GLASS RUN**

- (a) Install the front door glass run.

**22. INSTALL FRONT NO. 1 DOOR STIFFENER CUSHION**

- (a) Engage the 2 claws and install a new front No. 1 door stiffener cushion with double-sided tape.

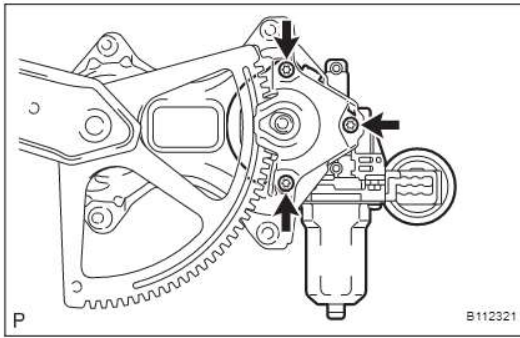
23. INSTALL FRONT POWER WINDOW REGULATOR MOTOR ASSEMBLY**NOTICE:**

The regulator arm must be below the intermediate position when installing the power window regulator motor.

ED

ENGINE HOOD / DOOR – FRONT DOOR

ED-57



- (a) Using a "TORX" driver (T25), install the front power window regulator motor sub-assembly with the 3 screws.

Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)

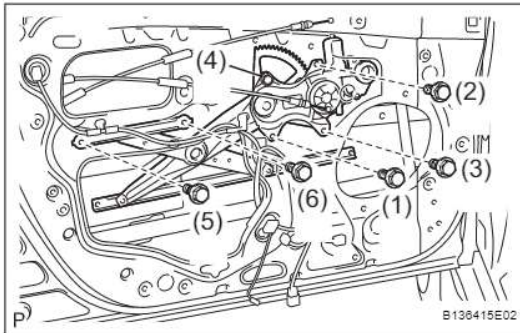
HINT:

A new front window regulator adopts a self-tapping method. The installation position of the regulator will be threaded when the self-tapping screw is inserted.

24. INSTALL FRONT DOOR WINDOW REGULATOR SUB-ASSEMBLY

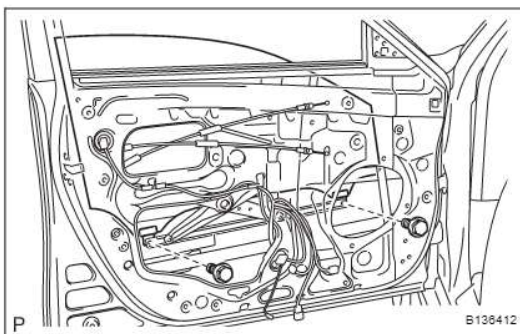
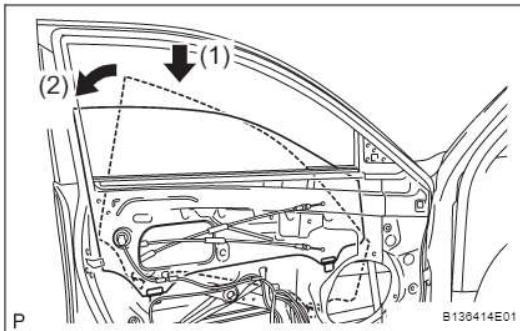
- (a) Apply MP grease to the sliding parts of the front door window regulator sub-assembly.
- (b) Install the temporary bolt to the front door window regulator sub-assembly.
- (c) Temporarily install the window regulator.
- (d) Tighten the 6 bolts in the order shown in the illustration to install the front window regulator.

Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)



25. INSTALL FRONT DOOR GLASS SUB-ASSEMBLY

- (a) Insert the front door glass sub-assembly into the front door panel along the front door glass run as indicated in the order of the arrows in the illustration.



- (b) Install the front door glass sub-assembly with the 2 bolts.

Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)

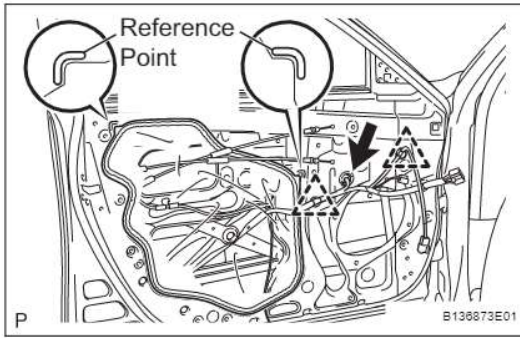
26. INSTALL FRONT DOOR SERVICE HOLE COVER

- (a) Apply butyl tape to the front door panel.
- (b) Pass the front door lock remote control cable and rear door inside locking cable through a new front door service hole cover.

ED

ED-58

ENGINE HOOD / DOOR – FRONT DOOR



- (c) Install the new service hole cover.

NOTICE:

Securely install the front door service hole cover avoiding wrinkles and air bubbles.

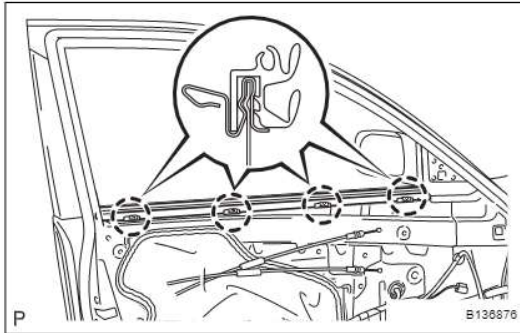
- (d) Connect each connector and each clamp.

27. INSTALL OUTER REAR VIEW MIRROR ASSEMBLY
(See page [MI-15](#))

28. INSTALL FRONT NO. 1 SPEAKER ASSEMBLY (See page [AV-147](#))

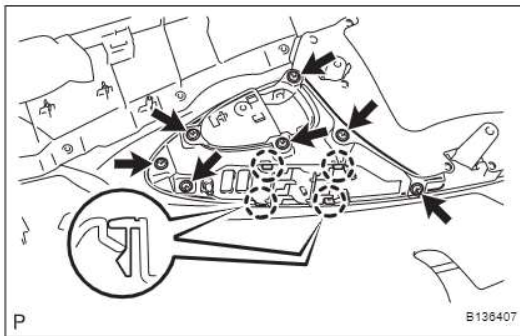
29. INSTALL FRONT DOOR INNER GLASS WEATHERSTRIP

- (a) Engage the 4 claws and install the front door inner glass weatherstrip.



30. INSTALL FRONT ARMREST BASE PANEL UPPER

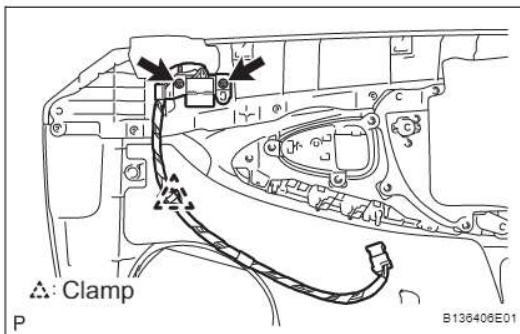
- (a) Engage the 4 claws and install the front armrest base panel upper.
(b) Install the 7 screws.



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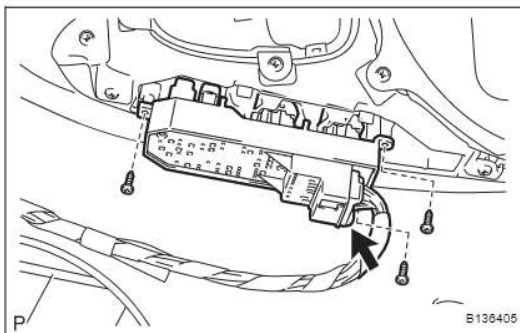
31. INSTALL FRONT DOOR WIRE (for Driver Side)

- (a) Install the front door wire with the 2 screws.
(b) Engage the clamp.



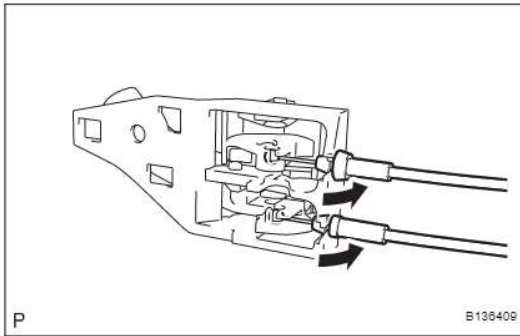
32. INSTALL POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY

- (a) Connect the connector.
(b) Install the power window regulator master switch assembly with the 3 screws.

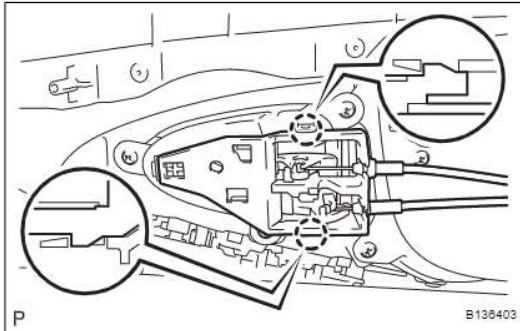


ENGINE HOOD / DOOR – FRONT DOOR

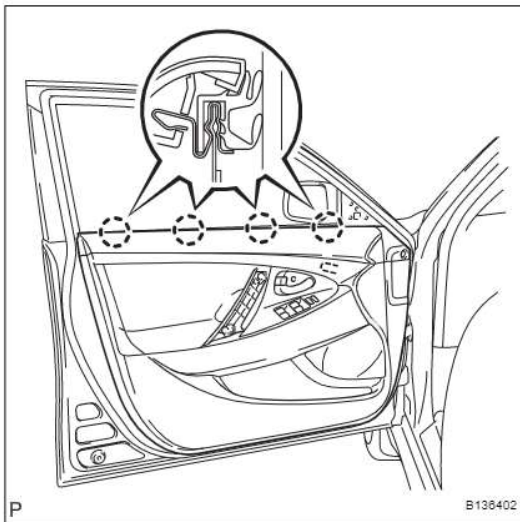
ED-59

**33. INSTALL FRONT DOOR INSIDE HANDLE SUB-ASSEMBLY**

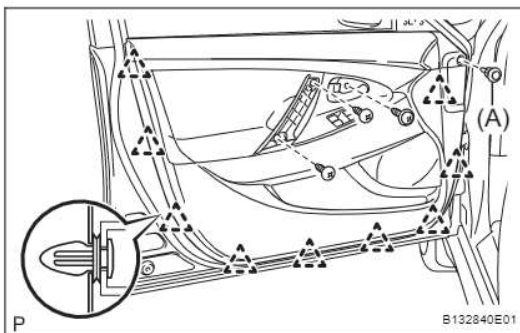
- (a) Connect the front door lock remote control cable and front door inside locking cable to the front door inside handle sub-assembly.

**34. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY**

- (a) Connect each connector.



- (b) Engage the front door trim board with the 4 clips of the front door inner glass weatherstrip.



- (c) Engage the 9 clips and install the front door trim board to the front door panel.

- (d) Install the 3 screws and clip (A).

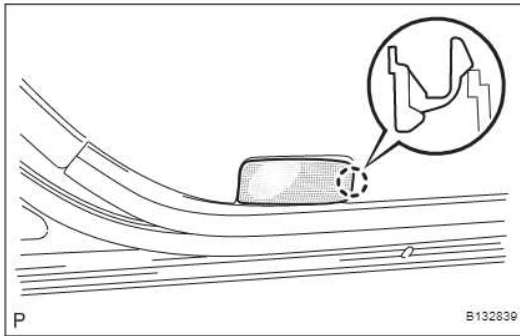
35. INSTALL COURTESY LIGHT ASSEMBLY

- (a) Connect the connector.

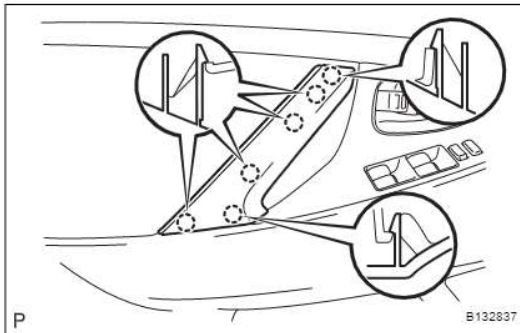
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ED-60

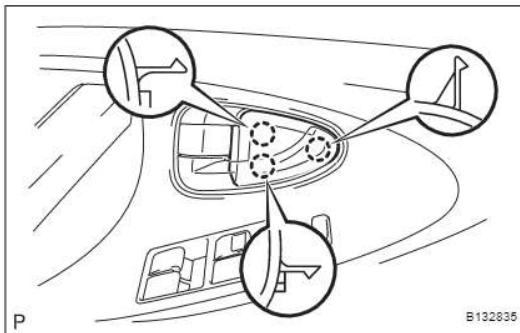
ENGINE HOOD / DOOR – FRONT DOOR



- (b) Engage the claw and install the courtesy light assembly.

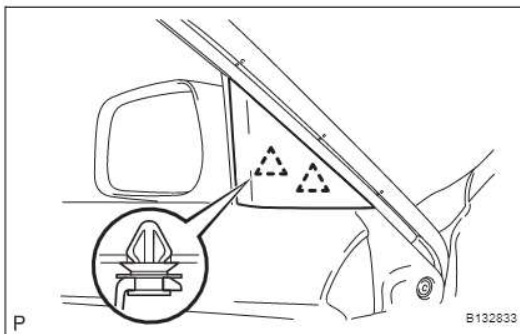
**36. INSTALL ASSIST GRIP COVER**

- (a) Engage the 6 claws and install the assist grip cover.

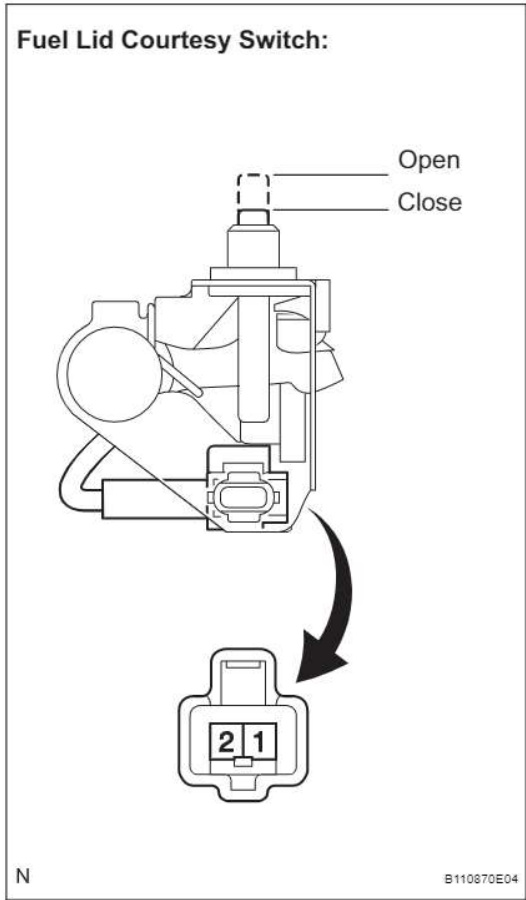
**37. INSTALL FRONT DOOR INSIDE HANDLE BEZEL PLUG**

- (a) Engage the 3 claws and install the front door inside handle bezel plug.

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**38. INSTALL FRONT DOOR LOWER FRAME BRACKET GARNISH**

- (a) Engage the 2 clips and install the front door lower frame bracket garnish.



INSPECTION

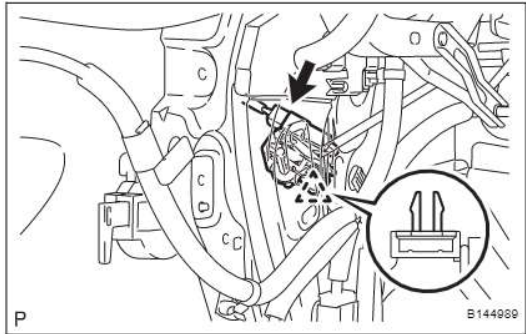
1. INSPECT FUEL LID COURTESY SWITCH
- (a) Check the fuel lid courtesy switch resistance.
- Standard resistance**

Tester Connection	Switch Position	Specified Condition
1 - 2	Courtesy switch free (Fuel lid open)	10 kΩ or higher
1 - 2	Courtesy switch pushed (Fuel lid closed)	Below 1 Ω

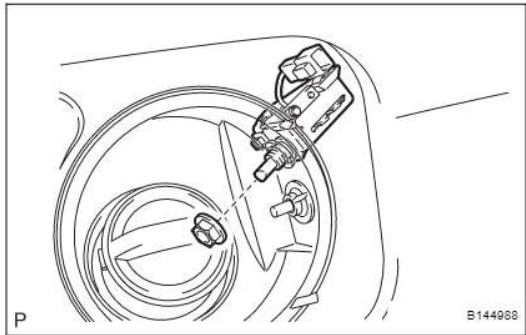
If the result is not as specified, replace the fuel lid courtesy switch.

INSTALLATION

1. INSTALL FUEL LID COURTESY SWITCH
- (a) Connect the connector from the cabin side.
- (b) Engage the clamp and temporarily install the fuel lid courtesy switch.



- (c) Install the fuel lid courtesy switch with the nut and plate from the outside of the vehicle.
- Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)**



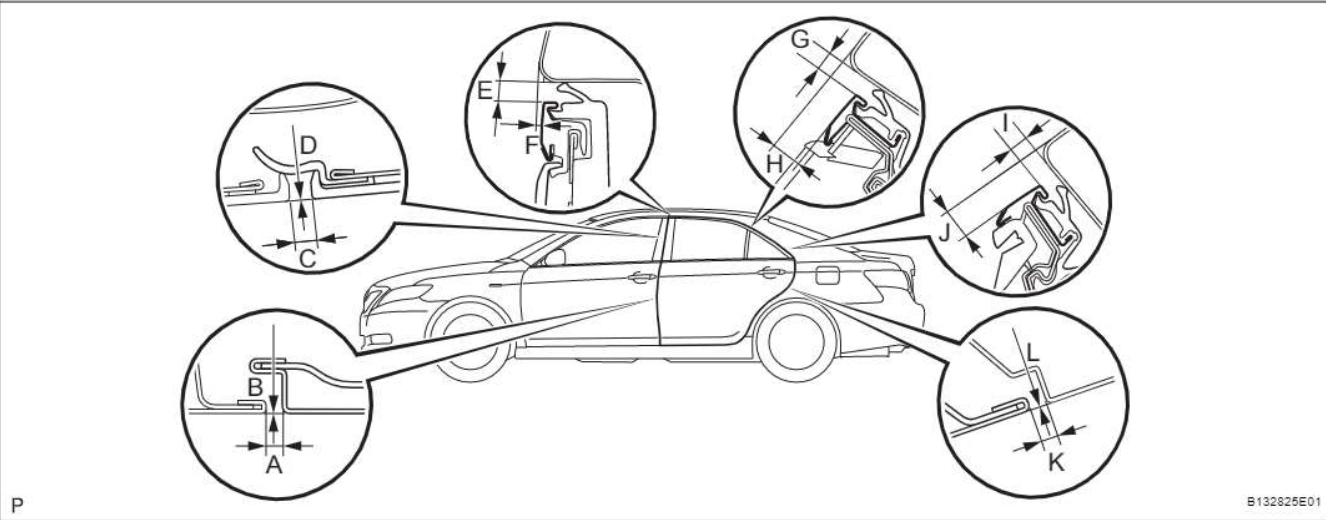
2. INSTALL LUGGAGE COMPARTMENT INNER TRIM COVER LH (See page [ED-102](#))
3. INSTALL LUGGAGE COMPARTMENT REAR TRIM COVER (See page [ED-102](#))
4. INSTALL REAR FLOOR FINISH PLATE (See page [ED-103](#))
5. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM HOOK (See page [ED-103](#))
6. INSTALL SPARE WHEEL COVER ASSEMBLY
7. INSTALL SPARE WHEEL COVER CLAMP

8. INSTALL LUGGAGE COMPARTMENT FLOOR MAT

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ON-VEHICLE INSPECTION

1. INSPECT REAR DOOR PANEL SUB-ASSEMBLY
- (a) Check that the clearance measurements of areas A through L are within each standard range.

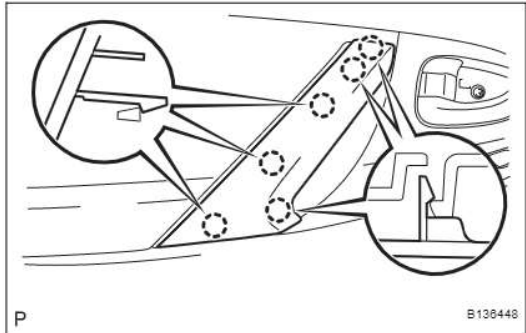
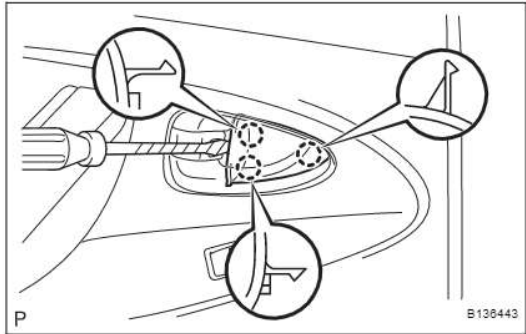


Standard clearance

Area	Measurement	Area	Measurement
A	2.7 to 5.7 mm (0.106 to 0.224 in.)	G	3.3 to 6.3 mm (0.130 to 0.248 in.)
B	-1.5 to 1.5 mm (-0.059 to 0.059 in.)	H	0 to 3.0 mm (0 to 0.118 in.)
C	2.3 to 6.3 mm (0.091 to 0.248 in.)	I	3.3 to 6.3 mm (0.130 to 0.248 in.)
D	-2.0 to 2.0 mm (-0.079 to 0.079 in.)	J	5.7 to 8.7 mm (0.224 to 0.343 in.)
E	3.3 to 6.3 mm (0.130 to 0.248 in.)	K	2.7 to 5.7 mm (0.106 to 0.224 in.)
F	-0.3 to 2.7 mm (0.012 to 0.106 in.)	L	-1.5 to 1.5 mm (-0.059 to 0.059 in.)

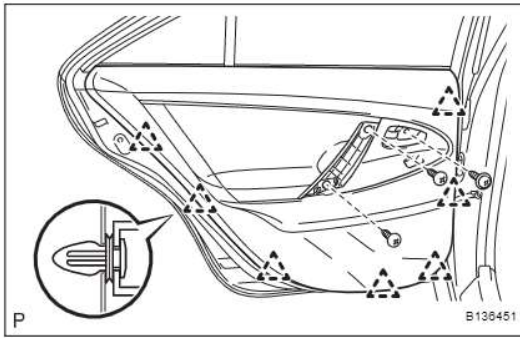
DISASSEMBLY

1. REMOVE REAR DOOR INSIDE HANDLE BEZEL PLUG
- (a) Using a screwdriver with the tip wrapped with protective tape, disengage the 3 claws and remove the rear door inside handle bezel plug.
2. REMOVE DOOR ASSIST GRIP COVER
- (a) Using a screwdriver with the tip wrapped with protective tape, disengage the 6 claws and remove the door assist grip cover.



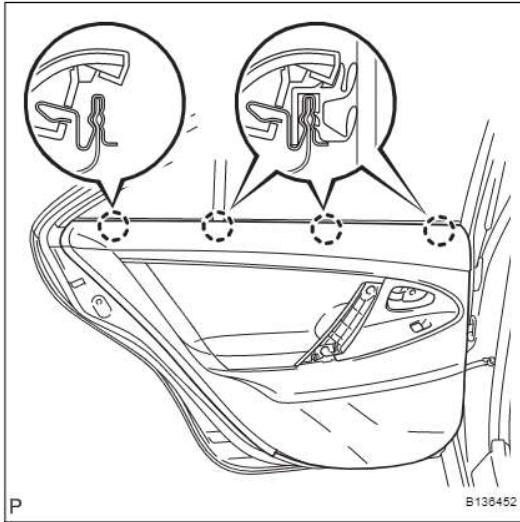
ENGINE HOOD / DOOR – REAR DOOR

ED-65

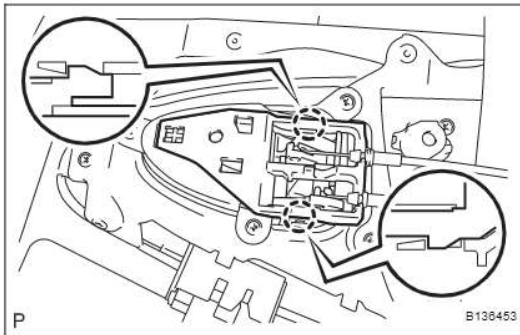


3. REMOVE REAR DOOR TRIM BOARD SUB-ASSEMBLY

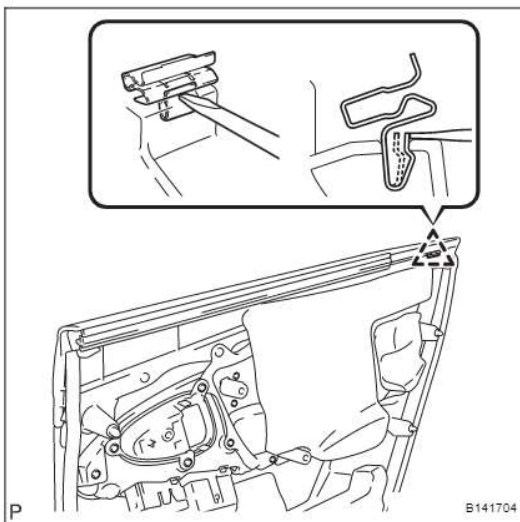
- (a) Remove the 3 screws.
- (b) Using a clip remover, disengage the 7 clips.



- (c) Raise the rear door trim board to disengage the 4 claws and remove the rear door trim board together with the rear door inner glass weatherstrip.
- (d) Disconnect the connector.



- (e) Disengage the 2 claws and disconnect the rear door inside handle sub-assembly.

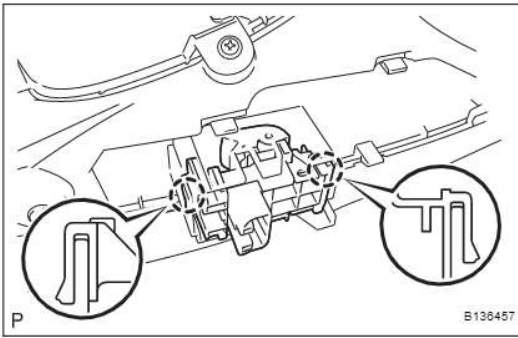


- (f) Disengage the clip as shown in the illustration and remove the No. 1 door scuff plate clamp from the rear door trim board.

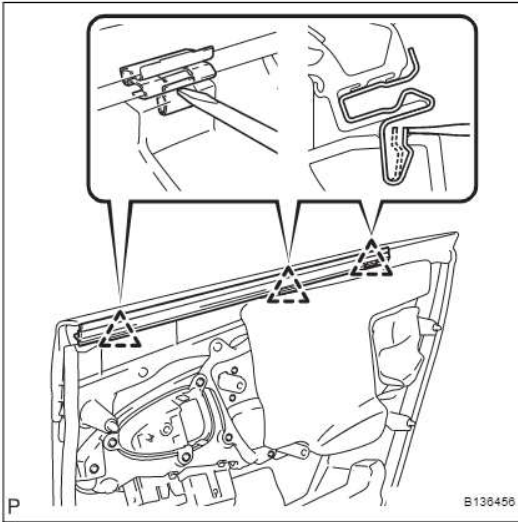
4. REMOVE REAR POWER WINDOW REGULATOR SWITCH ASSEMBLY

- (a) Disconnect the connector.

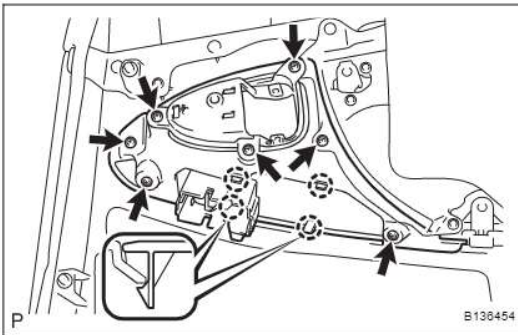
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ED-66**ENGINE HOOD / DOOR – REAR DOOR**

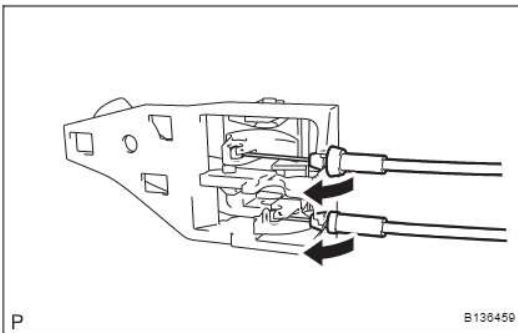
- (b) Using a screwdriver with the tip wrapped with protective tape, disengage the 2 claws and remove the rear power window regulator switch assembly.

**5. REMOVE REAR DOOR INNER GLASS WEATHERSTRIP**

- (a) Disengage the 3 clips as shown in the illustration and remove the rear door inner glass weatherstrip from the rear door trim board.

**6. REMOVE REAR DOOR ARMREST BASE PANEL UPPER**

- (a) Remove the 7 screws.
(b) Disengage the 4 claws and remove the rear door armrest base panel upper.

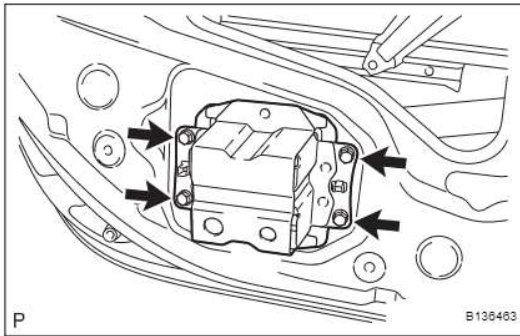
**7. REMOVE REAR DOOR INSIDE HANDLE SUB-ASSEMBLY**

- (a) Disconnect the cables and remove the rear door inside handle sub-assembly.

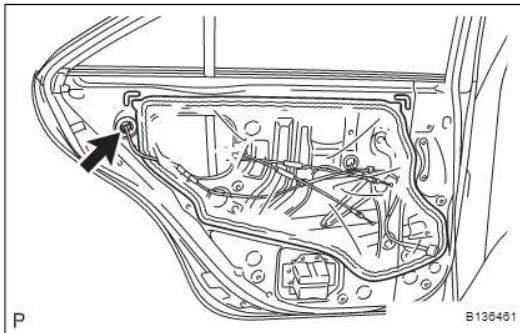
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ENGINE HOOD / DOOR – REAR DOOR

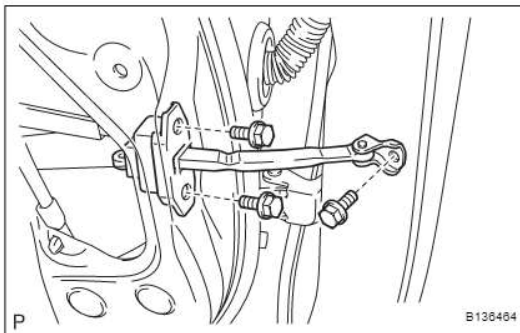
ED-67



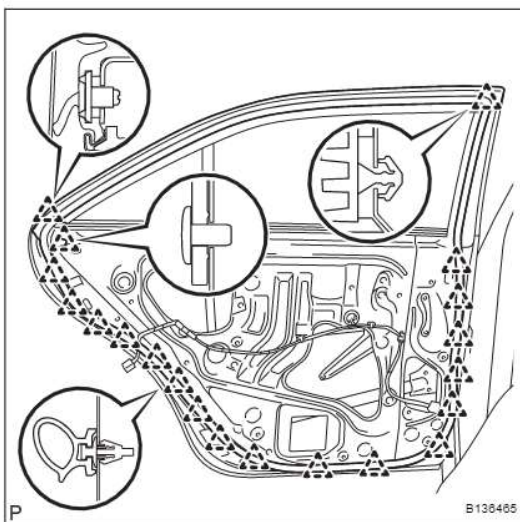
- 8. REMOVE REAR DOOR INSIDE PANEL REINFORCE**
- (a) Remove the 4 screws and the rear door inside panel reinforce.
 - (b) Remove the 4 grommets.



- 9. REMOVE REAR DOOR SERVICE HOLE COVER**
- (a) Disconnect the connector.
 - (b) Remove the rear door service hole cover.
- HINT:**
Remove the remaining tape on the door side.

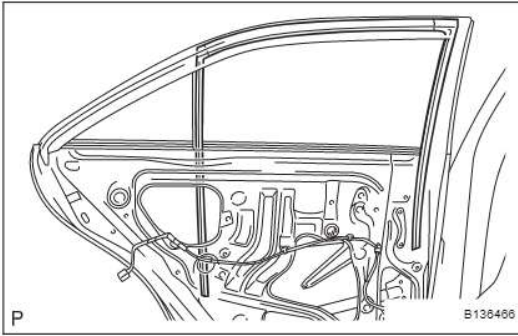


- 10. REMOVE REAR DOOR CHECK ASSEMBLY**
- (a) Remove the 3 bolts and the rear door check assembly.

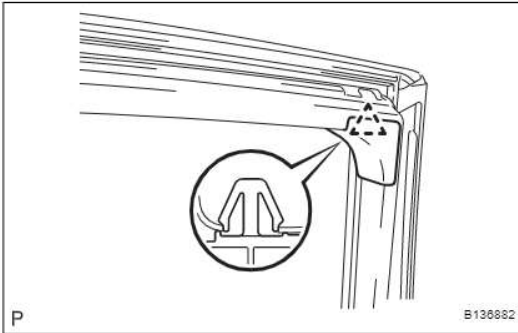


- 11. REMOVE REAR DOOR WEATHERSTRIP**
- (a) Using a clip remover, disengage the 20 clips and remove the rear door weatherstrip.

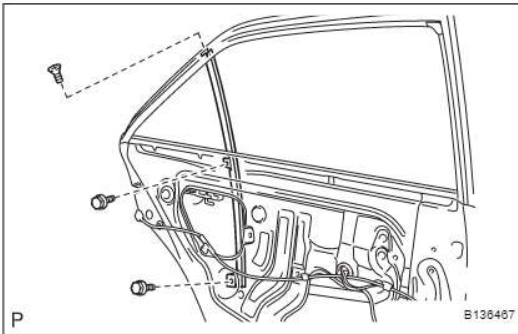
ED

ED-68**ENGINE HOOD / DOOR – REAR DOOR****12. REMOVE REAR DOOR GLASS RUN**

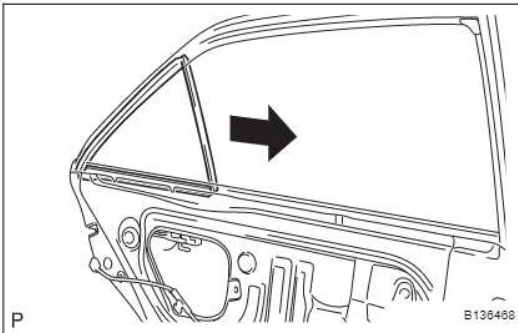
- (a) Remove the rear door glass run.

**13. REMOVE REAR DOOR FRAME GARNISH**

- (a) Disengage the clip and remove the rear door frame garnish.

**14. REMOVE REAR DOOR LOWER WINDOW FRAME SUB-ASSEMBLY**

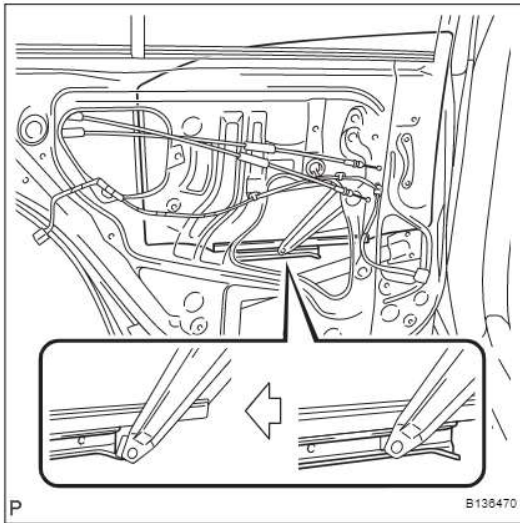
- (a) Remove the 2 bolts, the screw, and the rear door lower window frame sub-assembly.

ED**15. REMOVE REAR DOOR QUARTER WINDOW GLASS**

- (a) Remove the rear door quarter window glass and the rear door quarter window weatherstrip as a unit as shown in the illustration.
- (b) Remove the rear door quarter window glass from the rear door quarter window weatherstrip.

ENGINE HOOD / DOOR – REAR DOOR

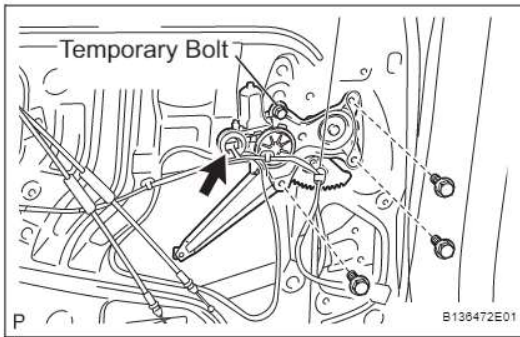
ED-69

**16. REMOVE REAR DOOR GLASS SUB-ASSEMBLY**

- (a) Remove the rear door glass sub-assembly from the rear door window regulator sub-assembly as shown in the illustration.

NOTICE:

Do not damage the door glass.

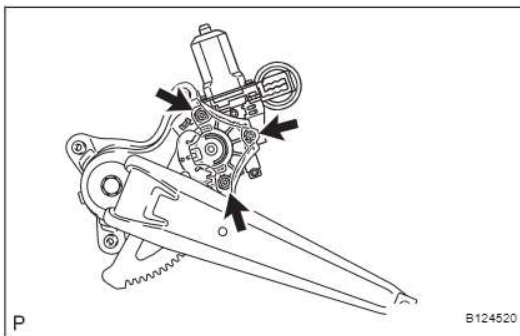
**17. REMOVE REAR DOOR WINDOW REGULATOR SUB-ASSEMBLY**

- (a) Disconnect the connector.
(b) Loosen the temporary bolt.

NOTICE:

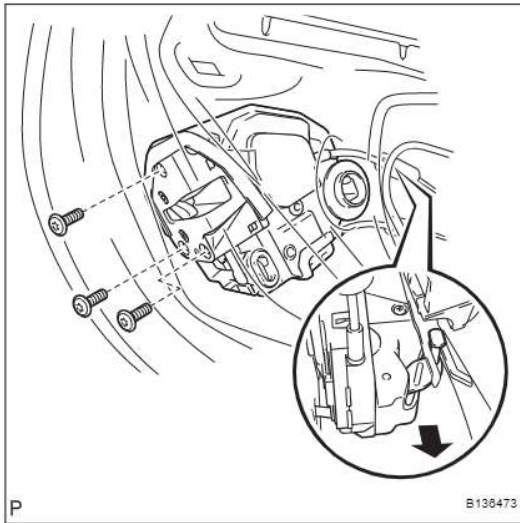
Do not remove the temporary bolt. If the temporary bolt is removed, the rear door window regulator may fall, causing damage.

- (c) Remove the 3 bolts.
(d) Remove the rear door window regulator sub-assembly and the power window regulator motor assembly rear as a unit.
(e) Remove the temporary bolt from the rear door window regulator.

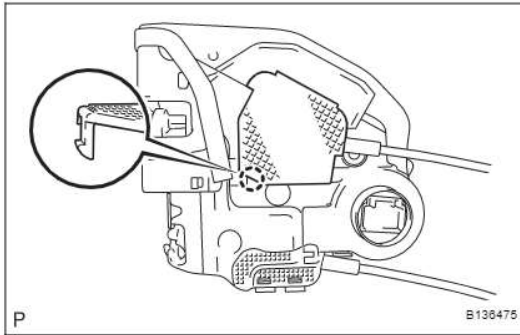
**18. REMOVE REAR POWER WINDOW REGULATOR MOTOR ASSEMBLY**

- (a) Using a "TORX" driver (T25), remove the 3 screws and the rear power window regulator motor assembly.

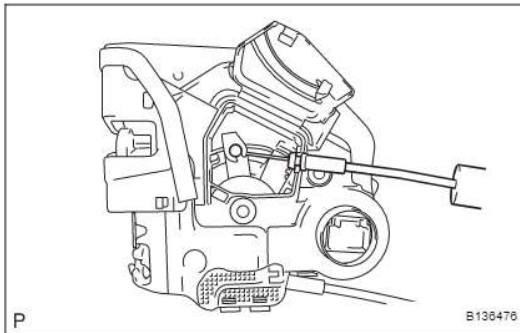
ED

ED-70**ENGINE HOOD / DOOR – REAR DOOR****19. REMOVE REAR DOOR LOCK ASSEMBLY**

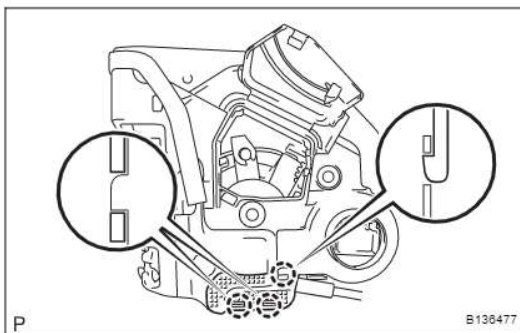
- (a) Using a "TORX" socket wrench (T30), remove the 3 screws.
- (b) Move the rear door lock assembly downward and pull the release plate out of the rear door outside handle frame.
- (c) Remove the door lock wiring harness seal from the rear door lock assembly.

**20. REMOVE REAR DOOR LOCK REMOTE CONTROL CABLE ASSEMBLY**

- (a) Using a screwdriver, disengage the claw.
HINT:
Tape the screwdriver tip before use.



- (b) Remove the rear door lock remote control cable assembly.

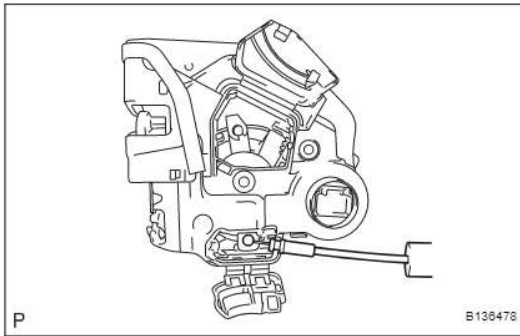
**21. REMOVE REAR DOOR INSIDE LOCKING CABLE ASSEMBLY**

- (a) Using a screwdriver, disengage the 3 claws.
HINT:
Tape the screwdriver tip before use.

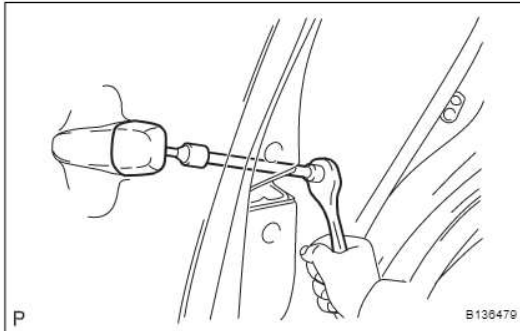
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ENGINE HOOD / DOOR – REAR DOOR

ED-71



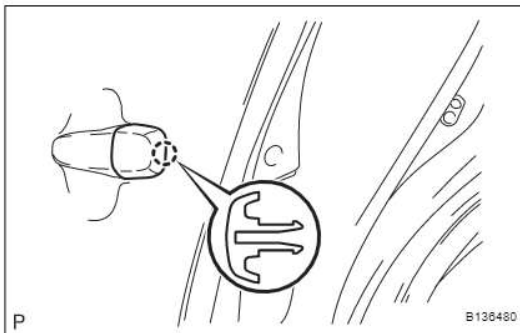
- (b) Remove the rear door inside locking cable assembly.

**22. REMOVE REAR DOOR OUTSIDE HANDLE COVER**

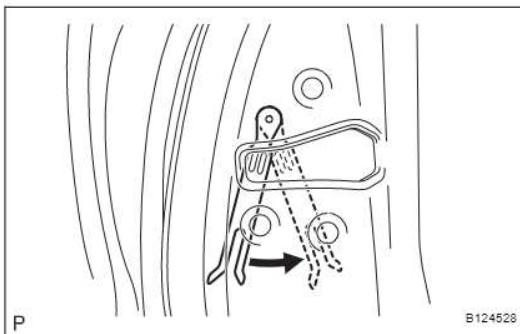
- (a) Using a "TORX" socket wrench (T30), loosen the screw.

HINT:

The screw cannot be removed because it is integrated into the rear door outside handle frame sub-assembly.



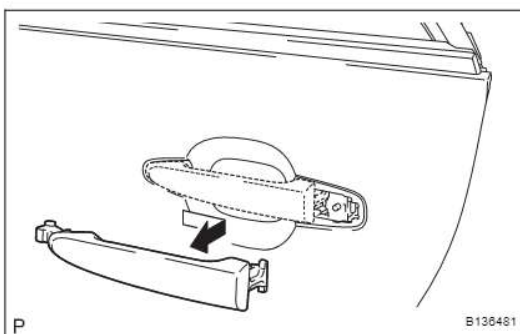
- (b) Disengage the 2 claws and remove the rear door outside handle cover.

**23. REMOVE REAR DOOR OUTSIDE HANDLE ASSEMBLY**

- (a) Pull and hold the release plate of the outside handle frame as shown in the illustration.

NOTICE:

The release plate may interfere with the outside handle and may be damaged when removing the handle, unless the release plate of the outside handle frame is pulled and held.

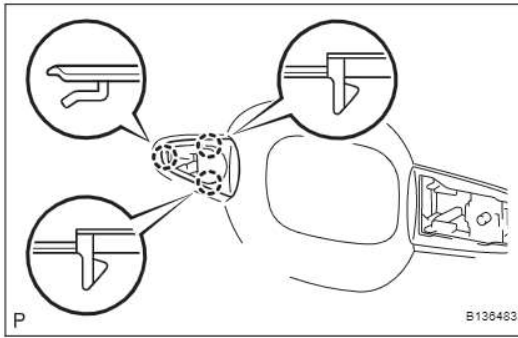


- (b) Remove the rear door outside handle assembly as shown in the illustration.

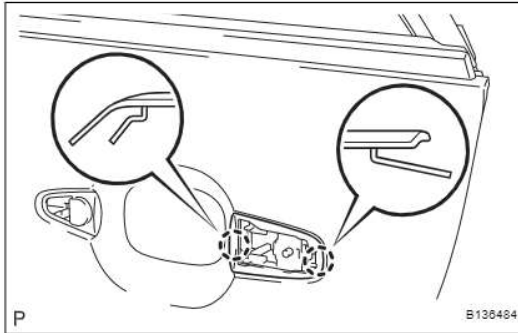
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ED-72

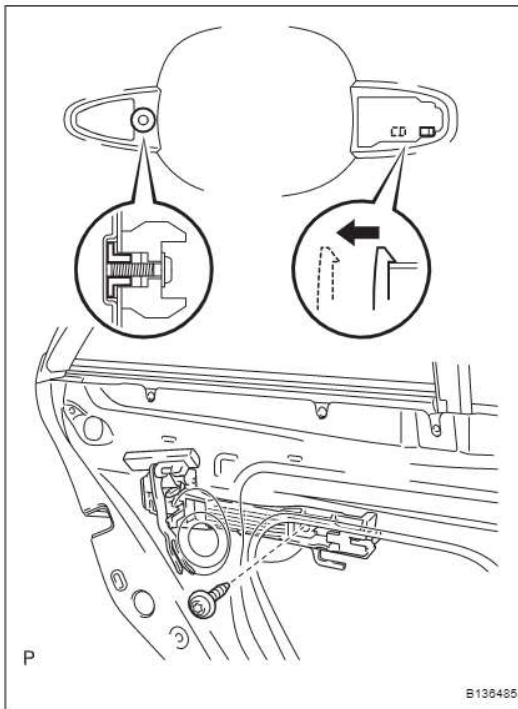
ENGINE HOOD / DOOR – REAR DOOR

**24. REMOVE REAR DOOR FRONT OUTSIDE HANDLE PAD**

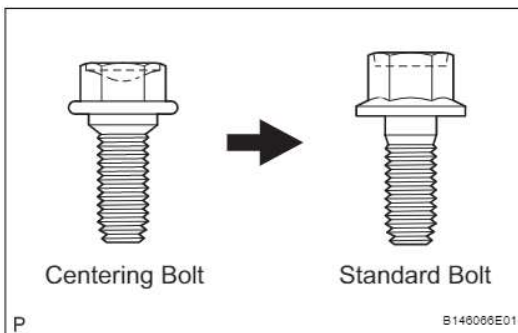
- (a) Disengage the 3 claws and remove the rear door front outside handle pad.

**25. REMOVE REAR DOOR REAR OUTSIDE HANDLE PAD**

- (a) Disengage the 2 claws and remove the rear door rear outside handle pad.

**26. REMOVE REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY**

- (a) Using a "TORX" socket wrench (T30), remove the screw.
(b) Disengage the claw and remove the rear door outside handle frame sub-assembly.

27. REMOVE REAR DOOR BELT MOULDING ASSEMBLY (See page ET-26)**28. REMOVE REAR DOOR FRONT WINDOW FRAME MOULDING (See page ET-44)****29. REMOVE REAR DOOR UPPER WINDOW FRAME MOULDING (See page ET-45)****30. REMOVE REAR DOOR OUTSIDE STRIPE (See page ET-65)****31. REMOVE REAR DOOR LOWER OUTSIDE STRIPE (See page ET-65)****ADJUSTMENT****HINT:**

- Before adjusting the door positions of vehicles equipped with side airbags and curtain shield airbags, be sure to disconnect the battery. After adjustment, inspect the SRS warning light, the side airbag system, and the curtain shield airbag system for normal operation. Then initialize both airbag systems.
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

ENGINE HOOD / DOOR – REAR DOOR

ED-73

- Centering bolts are used to mount the door hinge to the vehicle body and door. The door cannot be adjusted with the centering bolts installed on it. Substitute the centering bolts with standard bolts (with washers) when making adjustments.
- A bolt without a torque specification is shown in the standard bolt chart (See page [SS-2](#)).

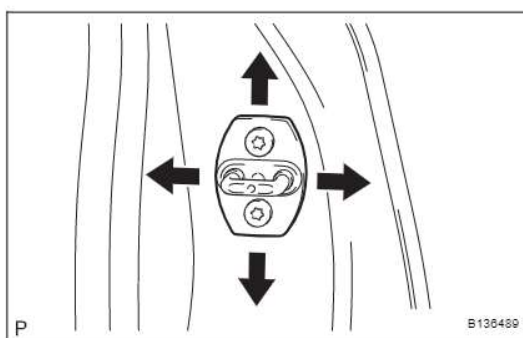
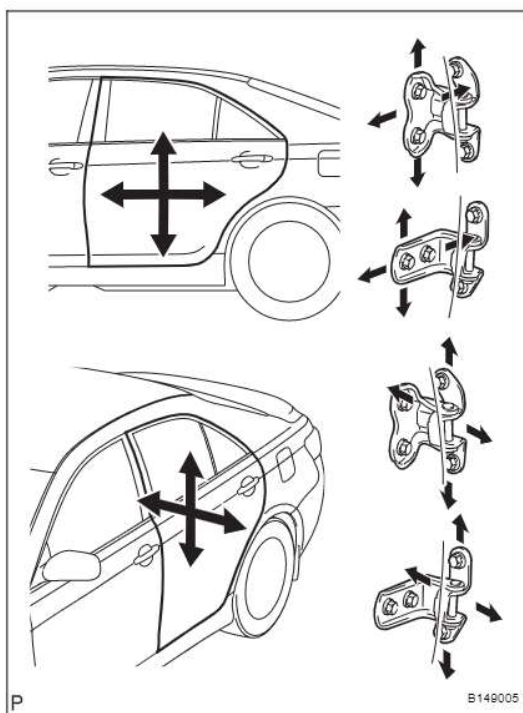
1. DISCONNECT NEGATIVE BATTERY TERMINAL

CAUTION:

Wait for 90 seconds after disconnecting the terminal to prevent airbag deployment (See page [RS-1](#)).

2. ADJUST REAR DOOR

- Loosen the hinge bolts on the vehicle body and adjust the door position.
SST 09812-00010
- Tighten the hinge bolts on the vehicle body after the adjustment.
Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)
- Loosen the hinge bolts on the door and adjust the door position.
- Tighten the hinge bolts on the door after the adjustment.
Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)



- Adjust the striker position by slightly loosening the striker mounting screws with a "TORX" socket wrench (T40) and hitting the striker with a plastic hammer.
- Using a "TORX" socket wrench (T40), tighten the striker mounting screws after the adjustment.
Torque: 23 N*m (235 kgf*cm, 17 ft.*lbf)

3. CONNECT NEGATIVE BATTERY TERMINAL

4. PERFORM INITIALIZATION

NOTICE:

Some systems need initialization after reconnecting the negative battery terminal (See page [IN-43](#)).

5. INSPECT SRS WARNING LIGHT

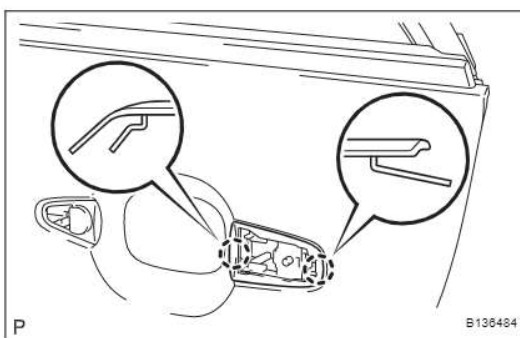
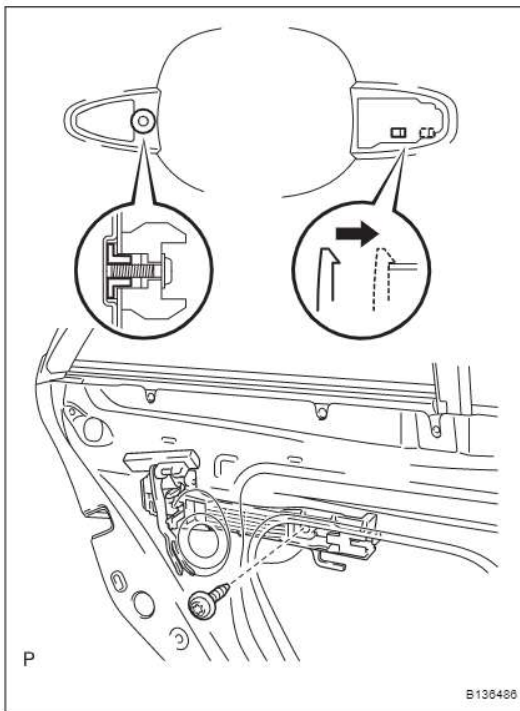
(See page [RS-33](#))

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ED-74**ENGINE HOOD / DOOR – REAR DOOR****REASSEMBLY**

1. REPAIR INSTRUCTION (See page [ET-66](#))
2. INSTALL REAR DOOR LOWER OUTSIDE STRIPE (See page [ET-69](#))
3. INSTALL REAR DOOR OUTSIDE STRIPE (See page [ET-69](#))
4. INSTALL REAR DOOR UPPER WINDOW FRAME MOULDING (See page [ET-45](#))
5. INSTALL REAR DOOR FRONT WINDOW FRAME MOULDING (See page [ET-46](#))
6. INSTALL REAR DOOR BELT MOULDING ASSEMBLY (See page [ET-26](#))
7. INSTALL REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY

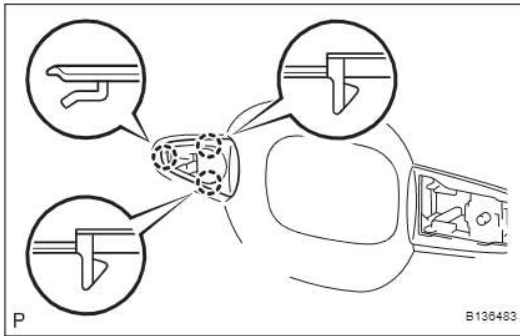
- (a) Apply MP grease to the sliding parts of the rear door outside handle frame sub-assembly.
- (b) Engage the claw to install the rear door outside handle frame sub-assembly.
- (c) Using a "TORX" socket wrench (T30), install the rear door outside handle frame sub-assembly with the screw.

**8. INSTALL REAR DOOR REAR OUTSIDE HANDLE PAD**

- (a) Engage the 2 claws to install the rear door rear outside handle pad.

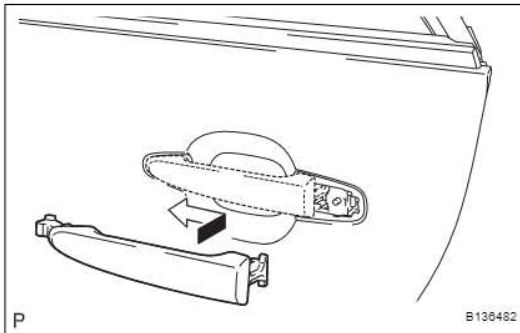
ENGINE HOOD / DOOR – REAR DOOR

ED-75



9. INSTALL REAR DOOR FRONT OUTSIDE HANDLE PAD

- (a) Engage the 3 claws to install the rear door front outside handle pad.



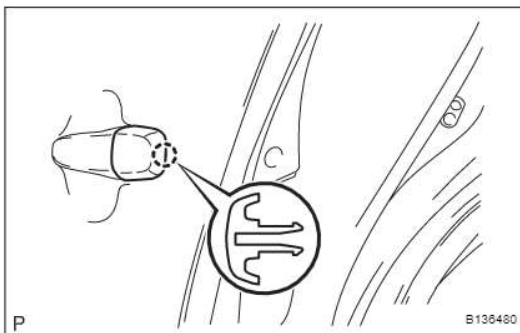
10. INSTALL REAR DOOR OUTSIDE HANDLE ASSEMBLY

- (a) Insert the front end of the rear door outside handle assembly into the rear door outside handle frame.

NOTICE:

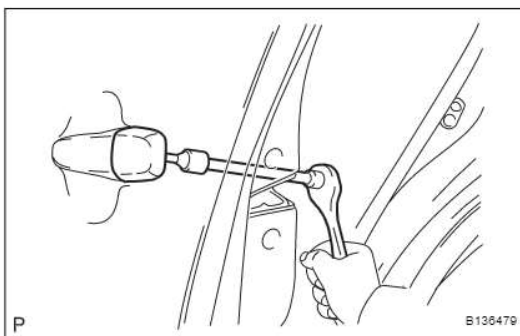
If the bellcrank lever is not pulled and held when installing the outside handle, the bellcrank lever will interfere with the outside handle and the release plate will be damaged.

- (b) Insert the rear end of the rear door outside handle assembly into the rear door outside handle frame. Next, slide the rear door outside handle assembly toward the front of the vehicle to install it.



11. INSTALL REAR DOOR OUTSIDE HANDLE COVER

- (a) Engage the claws to install the rear door outside handle cover.

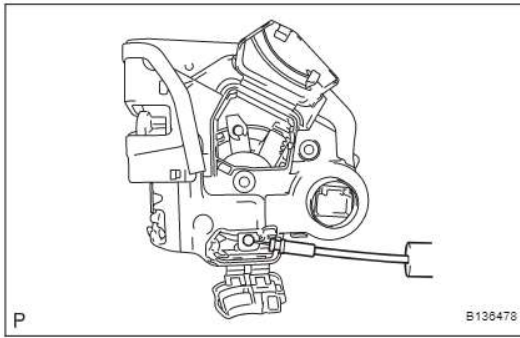


- (b) Using a "TORX" socket wrench (T30), install the rear door outside handle cover with the screw.

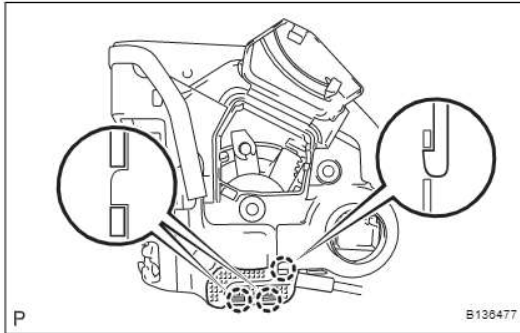
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ED-76

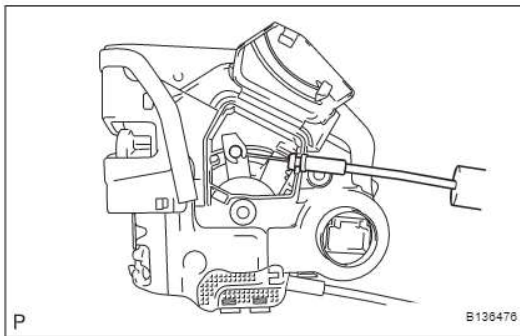
ENGINE HOOD / DOOR – REAR DOOR

**12. INSTALL REAR DOOR INSIDE LOCKING CABLE ASSEMBLY**

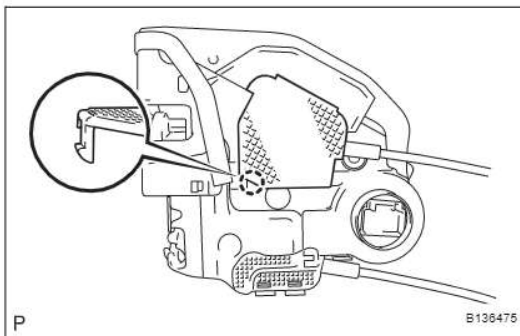
(a) Install the rear door inside locking cable assembly.



(b) Engage the 3 claws.

**13. INSTALL REAR DOOR LOCK REMOTE CONTROL CABLE ASSEMBLY**

(a) Install the rear door lock remote control cable assembly.



(b) Engage the claw.

14. INSTALL REAR DOOR LOCK ASSEMBLY**NOTICE:**

- When reusing the removed rear door lock assembly, replace the door lock wiring harness seal on the connector with a new one.
- Do not allow grease or dust to adhere to the door lock wiring harness seal surface of the connector.
- Reusing the door lock wiring harness seal or using a damaged door lock wiring harness seal may cause water intrusion to the connection. This may result in a malfunction of the rear door lock assembly.

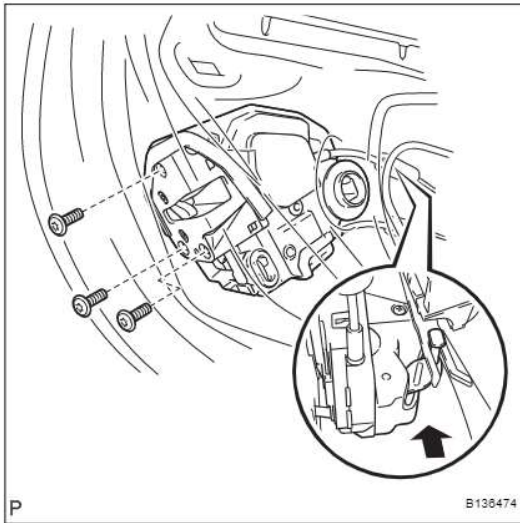
(a) Apply MP grease to the sliding parts of the rear door lock assembly.

(b) Install a new door lock wiring harness seal to the rear door lock assembly.

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ENGINE HOOD / DOOR – REAR DOOR

ED-77

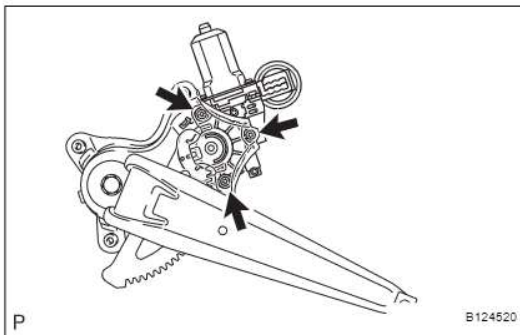


- (c) Insert the rear door lock assembly to the rear door outside handle release plate, and set it to the rear door panel.
- (d) Make sure that the rear door outside handle frame release plate is securely connected to the rear door lock assembly.
- (e) Using a "TORX" socket wrench (T30), install the rear door lock assembly with the 3 screws.
Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)
- (f) Connect the connector.

15. INSTALL REAR POWER WINDOW REGULATOR MOTOR ASSEMBLY

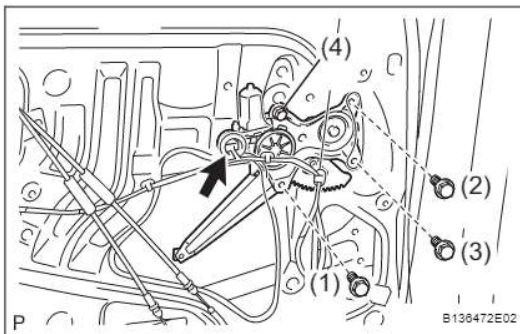
NOTICE:

The regulator arm must be below the intermediate position when installing the power window regulator motor.

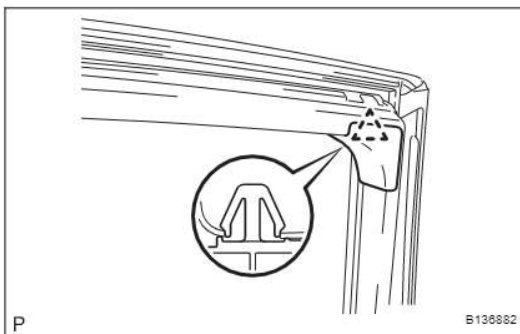


- (a) Using a "TORX" driver (T25), install the power window regulator motor assembly with the 3 screws.
Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)
- HINT:
The new rear window regulator adopts a self-tapping method. The installation position of the regulator will be threaded when the self-tapping screw is inserted.

16. INSTALL REAR DOOR WINDOW REGULATOR SUB-ASSEMBLY



- (a) Apply MP grease to the sliding parts of the rear door window regulator sub-assembly.
- (b) Install the temporary bolt to the rear door window regulator sub-assembly.
- (c) Temporarily install the window regulator.
- (d) Tighten the 4 bolts in the order shown in the illustration to install the rear door window regulator.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)
- (e) Connect the connector.



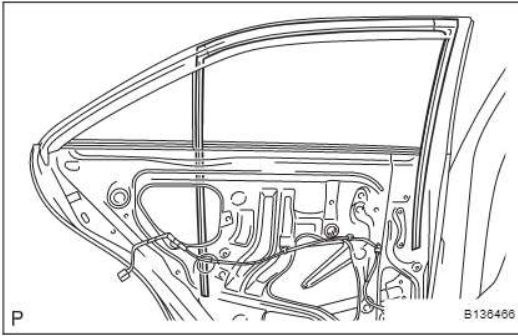
17. INSTALL REAR DOOR FRAME GARNISH

- (a) Engage the clip and install a new rear door frame garnish.

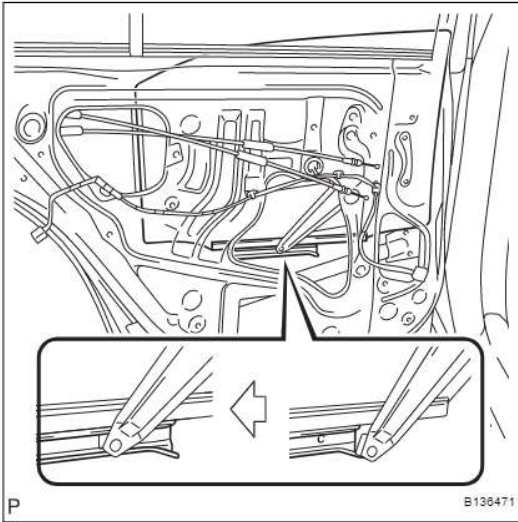
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ED-78

ENGINE HOOD / DOOR – REAR DOOR

**18. INSTALL REAR DOOR GLASS RUN**

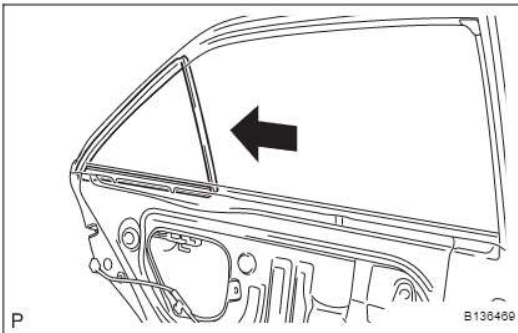
- (a) Install the rear door glass run.

**19. INSTALL REAR DOOR GLASS SUB-ASSEMBLY**

- (a) Slide the rear door glass sub-assembly to install it as shown in the illustration.

20. INSTALL REAR DOOR QUARTER WINDOW GLASS

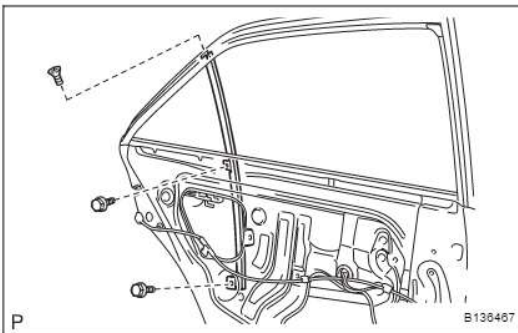
- (a) Install the rear door quarter window glass to the rear door quarter window weatherstrip.



- (b) Install the rear door quarter window glass together with the rear door quarter window weatherstrip in the direction indicated by the arrow in the illustration.

21. INSTALL REAR DOOR LOWER WINDOW FRAME SUB-ASSEMBLY

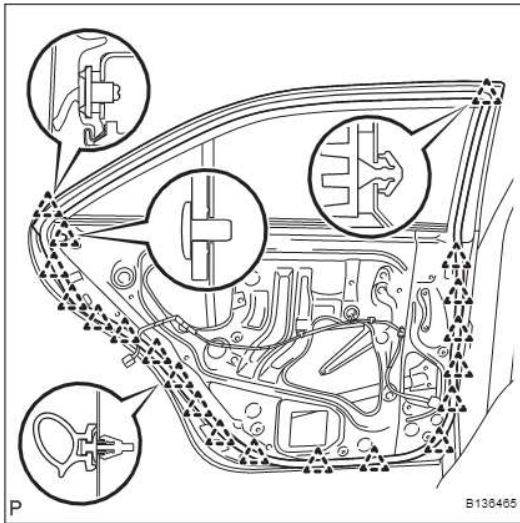
- (a) Insert the rear door lower window frame sub-assembly from above.
 (b) Install the rear door glass run to the rear door lower window frame sub-assembly.
 (c) Install the rear door lower window frame sub-assembly with the 2 bolts and screw.



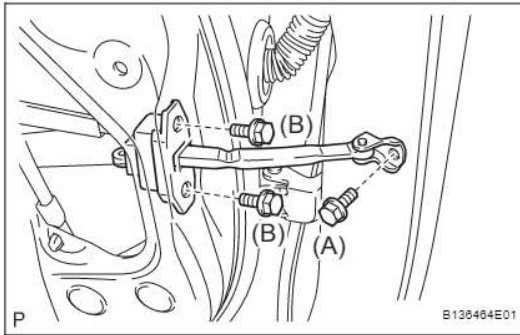
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ENGINE HOOD / DOOR – REAR DOOR

ED-79

**22. INSTALL REAR DOOR WEATHERSTRIP**

- (a) Engage the 20 clips and install the rear door weatherstrip.

**23. INSTALL REAR DOOR CHECK ASSEMBLY**

- (a) Install the rear door check assembly with the 3 bolts.

Torque: Bolt (A)

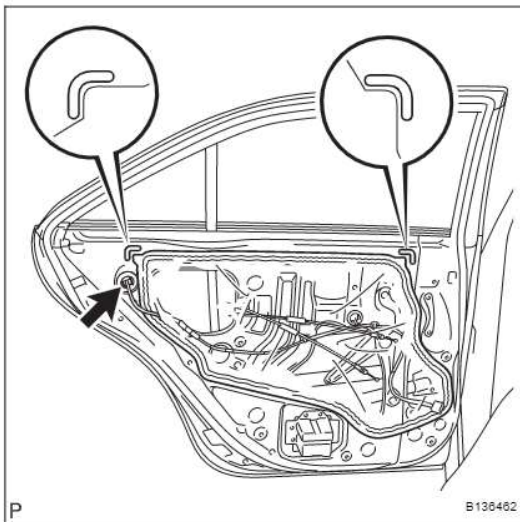
26 N*m (265 kgf*cm, 19 ft.*lbf)

Torque: Bolt (B)

8.0 N*m (82 kgf*cm, 71 in.*lbf)

24. INSTALL REAR DOOR SERVICE HOLE COVER

- (a) Apply butyl tape to the rear door panel.



- (b) Pass the rear door lock remote control cable, rear door inside locking cable and each connector through a new rear door service hole cover.
- (c) Install the new rear door service hole cover.

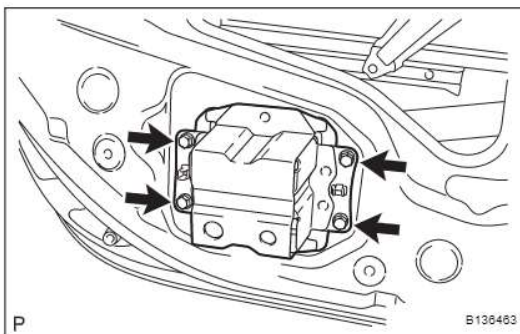
NOTICE:

Securely install the rear door service hole cover avoiding wrinkles and air bubbles.

- (d) Connect the connector and clamp.

25. INSTALL REAR DOOR INSIDE PANEL REINFORCE

- (a) Install 4 new grommets.

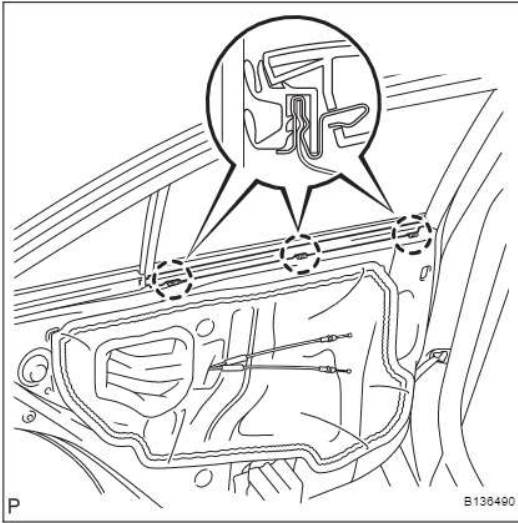


- (b) Install a new rear door inside panel reinforce with the 4 screws.

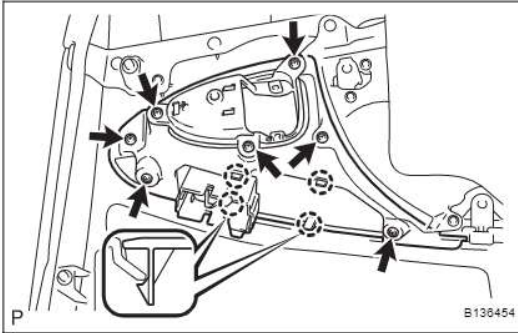
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ED-80

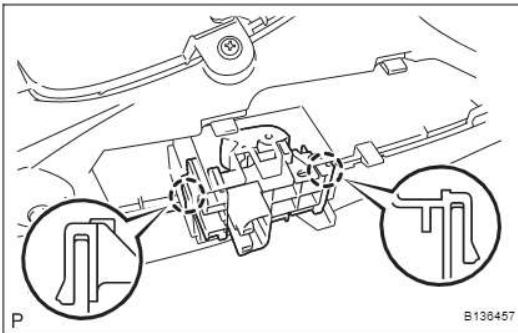
ENGINE HOOD / DOOR – REAR DOOR

**26. INSTALL REAR DOOR INNER GLASS WEATHERSTRIP**

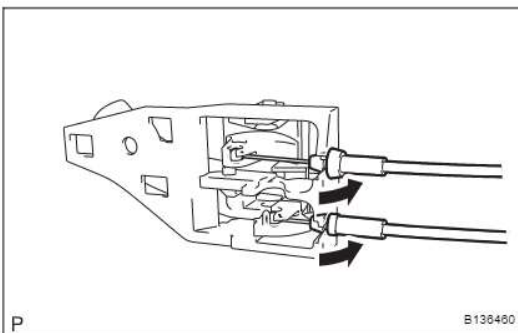
- (a) Engage the 3 claws to install the rear door inner glass weatherstrip.

**27. INSTALL REAR DOOR ARMREST BASE PANEL UPPER**

- (a) Engage the 4 claws.
(b) Install the rear door armrest base panel upper with the 7 screws.

**28. INSTALL REAR POWER WINDOW REGULATOR SWITCH ASSEMBLY**

- (a) Engage the 2 claws and install the rear power window regulator switch assembly.

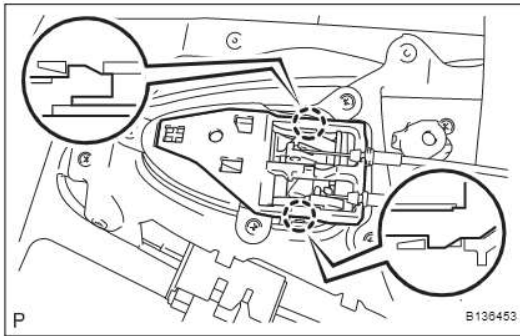
**29. INSTALL REAR DOOR INSIDE HANDLE SUB-ASSEMBLY**

- (a) Connect the rear door lock remote control cable and rear door inside locking cable to the rear inside handle.

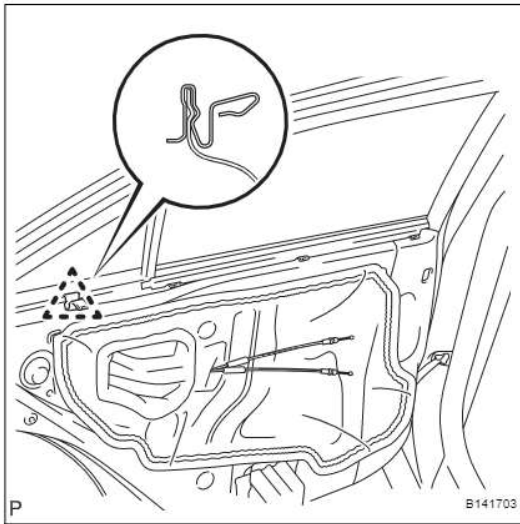
ED

ENGINE HOOD / DOOR – REAR DOOR

ED-81

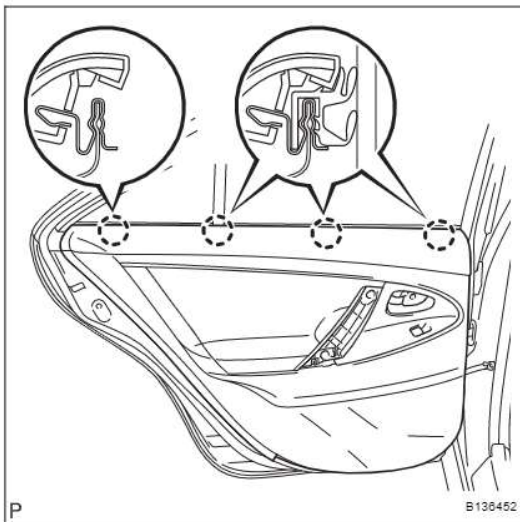


- (b) Engage the 2 claws and install the rear door inside handle sub-assembly.

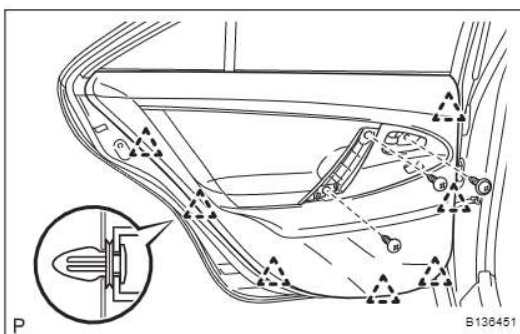


30. INSTALL REAR DOOR TRIM BOARD SUB-ASSEMBLY

- (a) Engage the claw to install the No. 1 door scuff plate clamp.
(b) Connect each connector.

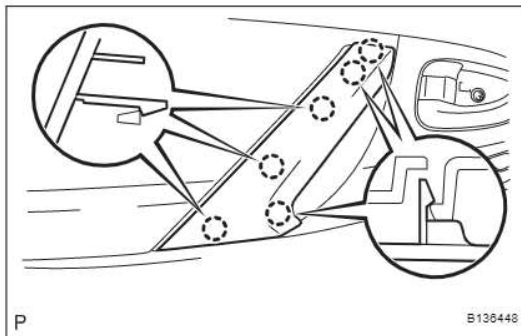


- (c) Engage the rear door trim board with the 4 clips of the rear door inner glass weatherstrip.

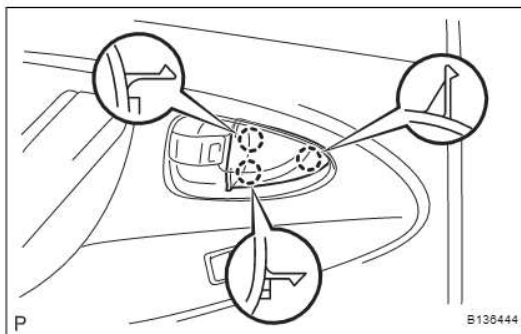


- (d) Engage the 7 clips to install the rear door trim board to the rear door panel.
(e) Install the 3 screws.

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ED-82**ENGINE HOOD / DOOR – REAR DOOR****31. INSTALL DOOR ASSIST GRIP COVER**

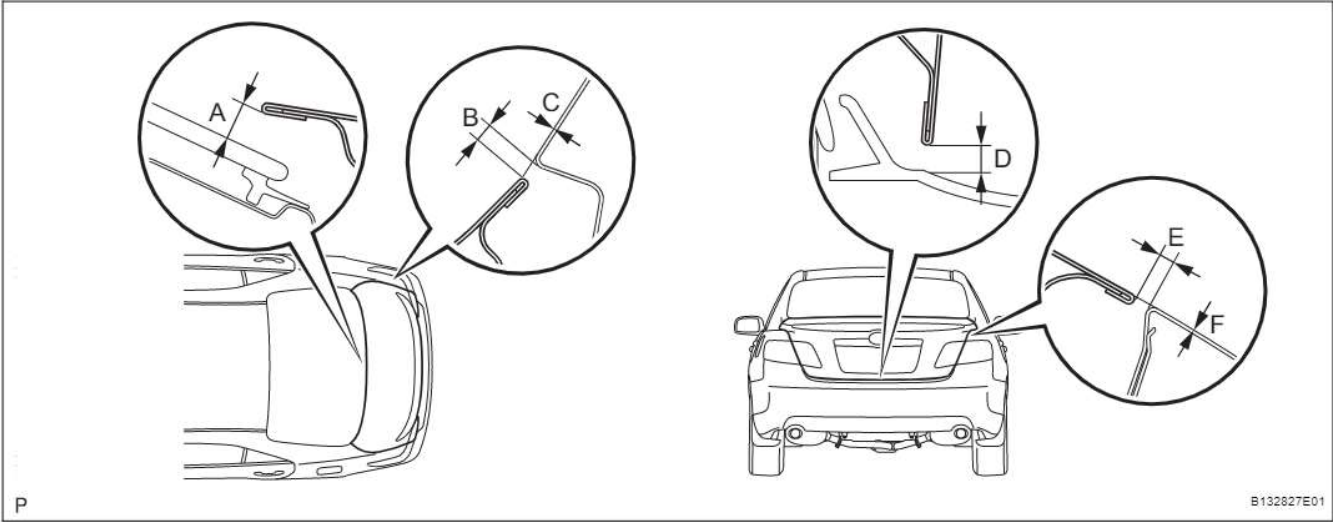
- (a) Engage the 6 claws and install the door assist grip cover.

**32. INSTALL REAR DOOR INSIDE HANDLE BEZEL PLUG**

- (a) Engage the 3 claws to install the rear door inside handle bezel plug.

ON-VEHICLE INSPECTION

1. INSPECT LUGGAGE COMPARTMENT DOOR PANEL SUB-ASSEMBLY
- (a) Check that the clearance measurements of areas A through F are within each standard range.



Standard clearance

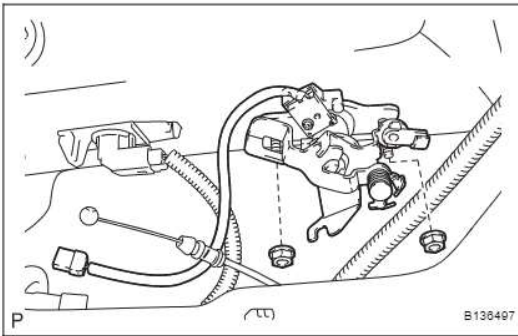
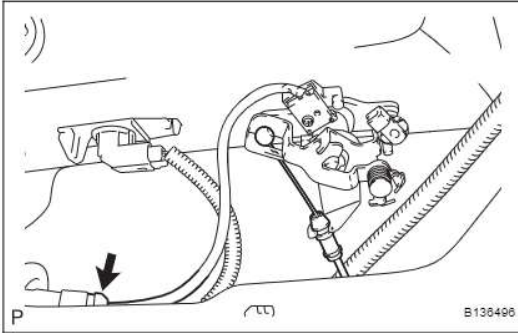
Area	Measurement	Area	Measurement
A	7.6 mm (0.299 in.)	D	3.8 to 7.8 mm (0.150 to 0.307 in.)
B	2.0 to 5.0 mm (0.079 to 0.197 in.)	E	2.0 to 5.0 mm (0.079 to 0.197 in.)
C	-1.5 to 1.5 mm (-0.059 to 0.059 in.)	F	-1.5 to 1.5 mm (-0.059 to 0.059 in.)

ED-86

ENGINE HOOD / DOOR – LUGGAGE COMPARTMENT DOOR

DISASSEMBLY

1. REMOVE LUGGAGE COMPARTMENT DOOR COVER (See page [ET-50](#))
2. REMOVE LUGGAGE COMPARTMENT DOOR LOCK ASSEMBLY (See page [ED-89](#))
3. REMOVE LUGGAGE COMPARTMENT DOOR LOCK CYLINDER ASSEMBLY
 - (a) Disconnect the cable and connector.



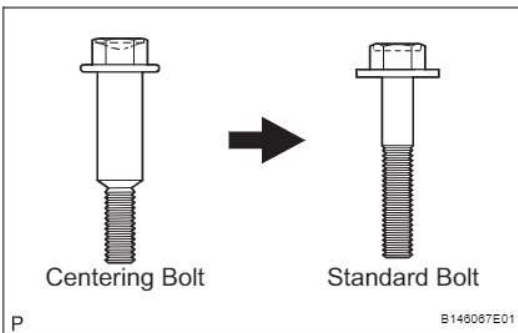
- (b) Remove the 2 nuts and the luggage compartment door lock cylinder assembly.

4. REMOVE LUGGAGE DOOR OPENING SWITCH ASSEMBLY (See page [DL-193](#))
5. REMOVE LUGGAGE COMPARTMENT OUTSIDE DOOR GARNISH SUB-ASSEMBLY (See page [ET-50](#))
6. REMOVE REAR LIGHT ASSEMBLY LH (See page [LI-70](#))
7. REMOVE REAR LIGHT ASSEMBLY RH
8. REMOVE LICENSE PLATE LIGHT ASSEMBLY LH (See page [LI-76](#))
9. REMOVE LICENSE PLATE LIGHT ASSEMBLY RH

ADJUSTMENT

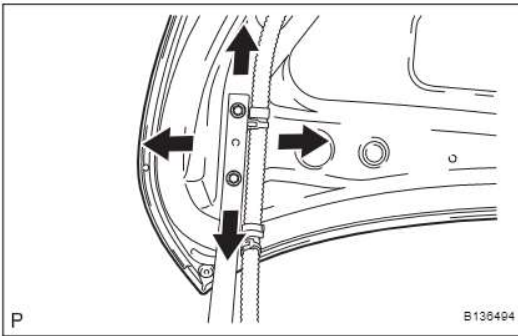
HINT:

- Centering bolts are used to mount the door hinge to the door. The door cannot be adjusted with the centering bolts on. Substitute the centering bolts with standard bolts (with washers) when making adjustments.
- A bolt without a torque specification is shown in the standard bolt chart (See page [SS-2](#)).



1. REMOVE LUGGAGE COMPARTMENT DOOR COVER (See page [ET-50](#))
2. REMOVE LUGGAGE COMPARTMENT FLOOR MAT
3. REMOVE SPARE WHEEL COVER CLAMP
4. REMOVE SPARE WHEEL COVER ASSEMBLY
5. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM HOOK (See page [ED-97](#))
6. REMOVE REAR FLOOR FINISH PLATE (See page [ED-97](#))

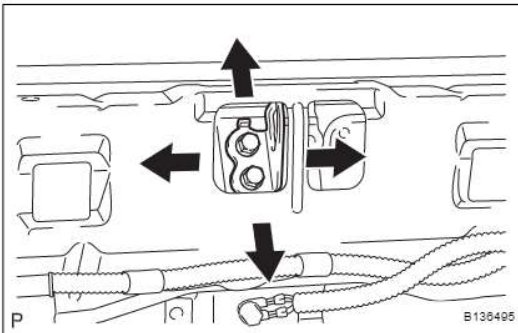
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7. ADJUST LUGGAGE COMPARTMENT DOOR

- (a) Loosen the door side hinge bolts to adjust the door horizontally and vertically.

Torque: 7.5 N*m (77 kgf*cm, 66 in.*lbf)



- (b) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic hammer.

- (c) Tighten the striker mounting screws after the adjustment.

Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)

8. INSTALL REAR FLOOR FINISH PLATE (See page [ED-103](#))

9. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM HOOK (See page [ED-103](#))

10. INSTALL SPARE WHEEL COVER ASSEMBLY

11. INSTALL SPARE WHEEL COVER CLAMP

12. INSTALL LUGGAGE COMPARTMENT FLOOR MAT

13. INSTALL LUGGAGE COMPARTMENT DOOR COVER (See page [ET-53](#))

ED-88

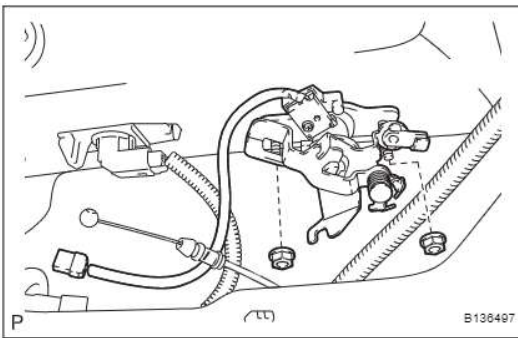
ENGINE HOOD / DOOR – LUGGAGE COMPARTMENT DOOR

REASSEMBLY

1. INSTALL LICENSE PLATE LIGHT ASSEMBLY LH (See page [LI-77](#))
2. INSTALL LICENSE PLATE LIGHT ASSEMBLY RH
3. INSTALL REAR LIGHT ASSEMBLY LH (See page [LI-73](#))
4. INSTALL REAR LIGHT ASSEMBLY RH
5. INSTALL LUGGAGE COMPARTMENT OUTSIDE DOOR GARNISH SUB-ASSEMBLY (See page [ET-52](#))
6. INSTALL LUGGAGE DOOR OPENING SWITCH ASSEMBLY (See page [DL-193](#))
7. INSTALL LUGGAGE COMPARTMENT DOOR LOCK CYLINDER ASSEMBLY

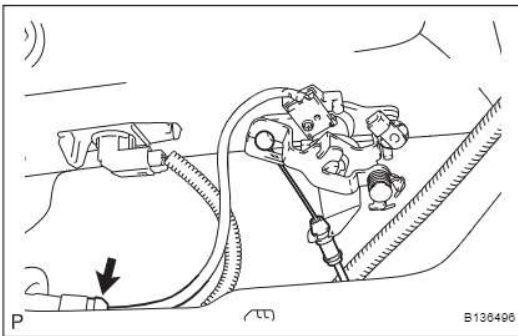
(a) Install the luggage compartment door lock cylinder with the 2 nuts.

Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)

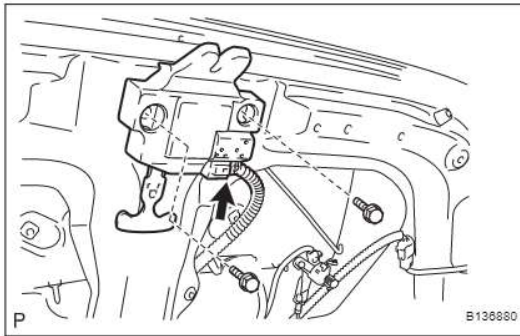


(b) Connect the cable and connector.

8. INSTALL LUGGAGE COMPARTMENT DOOR LOCK ASSEMBLY (See page [ED-89](#))
9. INSTALL LUGGAGE COMPARTMENT DOOR COVER (See page [ET-53](#))



ED

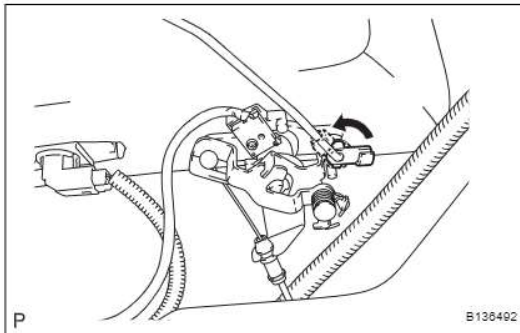
ED-90**ENGINE HOOD / DOOR – LUGGAGE COMPARTMENT DOOR LOCK****INSTALLATION****1. INSTALL LUGGAGE COMPARTMENT DOOR LOCK ASSEMBLY**

- (a) Install the luggage compartment door lock assembly with the 2 bolts.

Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)

- (b) Connect the connector.

- (c) Connect the rod.

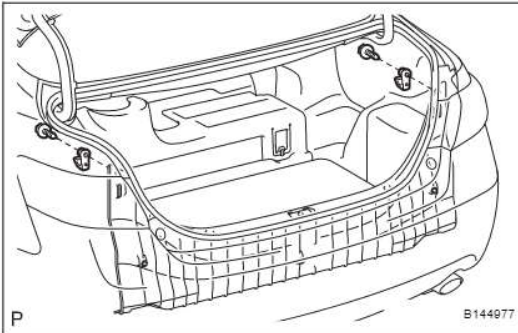
2. INSTALL LUGGAGE COMPARTMENT DOOR COVER (See page [ET-53](#))

REMOVAL

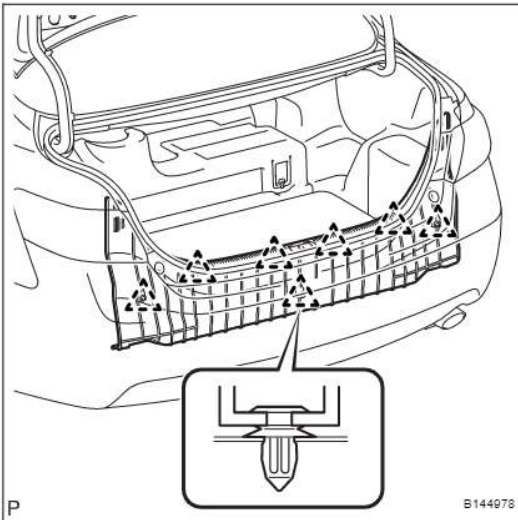
1. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [SE-44](#))
2. REMOVE REAR SEAT HEADREST ASSEMBLY (See page [SE-44](#))
3. REMOVE REAR CENTER SEAT HEADREST ASSEMBLY (See page [SE-44](#))
4. REMOVE SEPARATE TYPE REAR SEATBACK ASSEMBLY LH (See page [SE-44](#))
5. REMOVE SEPARATE TYPE REAR SEATBACK ASSEMBLY RH (See page [SE-44](#))
6. REMOVE REAR SIDE SEATBACK ASSEMBLY LH (See page [SE-45](#))
7. REMOVE REAR SIDE SEATBACK ASSEMBLY RH (See page [SE-45](#))
8. REMOVE REAR DOOR SCUFF PLATE LH (See page [IR-13](#))
9. DISCONNECT REAR DOOR OPENING TRIM WEATHERSTRIP LH
10. REMOVE REAR DOOR SCUFF PLATE RH (See page [IR-13](#))
11. DISCONNECT REAR DOOR OPENING TRIM WEATHERSTRIP RH
12. REMOVE CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSEMBLY LH (See page [SB-51](#))
13. DISCONNECT REAR SEAT INNER WITH CENTER BELT ASSEMBLY LH (See page [SB-33](#))
14. REMOVE ROOF SIDE INNER GARNISH LH (See page [IR-15](#))
15. REMOVE ROOF SIDE INNER GARNISH RH (See page [IR-15](#))
16. DISCONNECT REAR SEAT OUTER BELT ASSEMBLY (for LH Side) (See page [SB-40](#))
17. DISCONNECT REAR SEAT OUTER BELT ASSEMBLY (for RH Side) (See page [SB-41](#))
18. REMOVE REAR SEAT SHOULDER BELT COVER (See page [SB-33](#))
19. REMOVE REAR SEAT SHOULDER BELT HOLE COVER (See page [SB-33](#))
20. REMOVE PACKAGE TRAY TRIM PANEL ASSEMBLY (See page [SB-33](#))
21. REMOVE LUGGAGE COMPARTMENT FRONT TRIM COVER
22. REMOVE LUGGAGE COMPARTMENT FLOOR MAT

23. REMOVE SPARE WHEEL COVER CLAMP**24. REMOVE SPARE WHEEL COVER ASSEMBLY****25. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM HOOK**

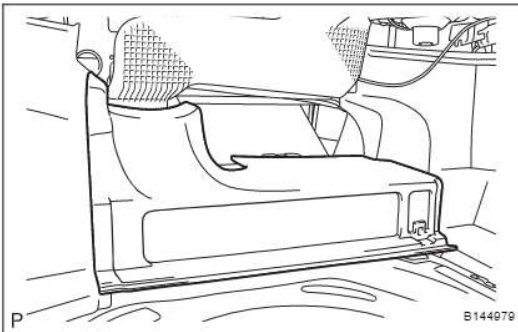
- (a) Remove the 2 screws and the 2 No. 1 luggage compartment trim hooks.

**26. REMOVE REAR FLOOR FINISH PLATE**

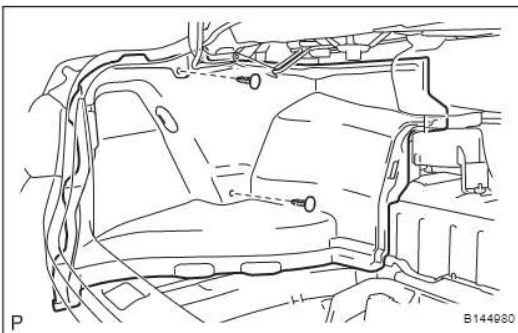
- (a) Disengage the 7 clips and remove the rear floor finish plate.

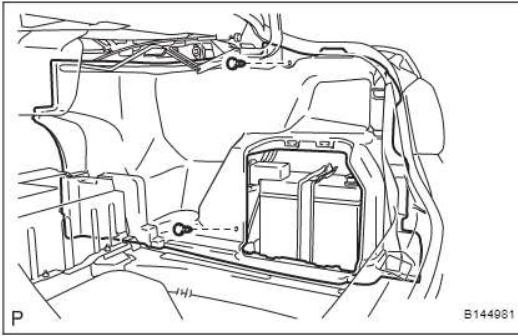
**27. REMOVE LUGGAGE COMPARTMENT REAR TRIM COVER**

- (a) Remove the luggage compartment rear trim cover.

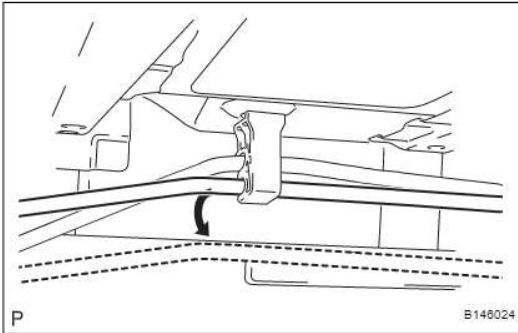
**28. REMOVE LUGGAGE COMPARTMENT INNER TRIM COVER LH**

- (a) Remove the 2 clips and the luggage compartment inner trim cover LH.

29. REMOVE LUGGAGE TRIM SERVICE HOLE COVER (See page HB-86)**ED**

ED-98**ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR****30. REMOVE LUGGAGE COMPARTMENT INNER TRIM COVER RH**

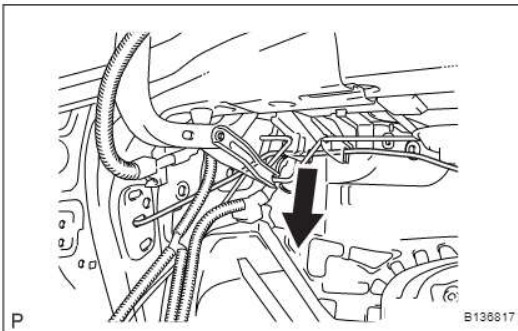
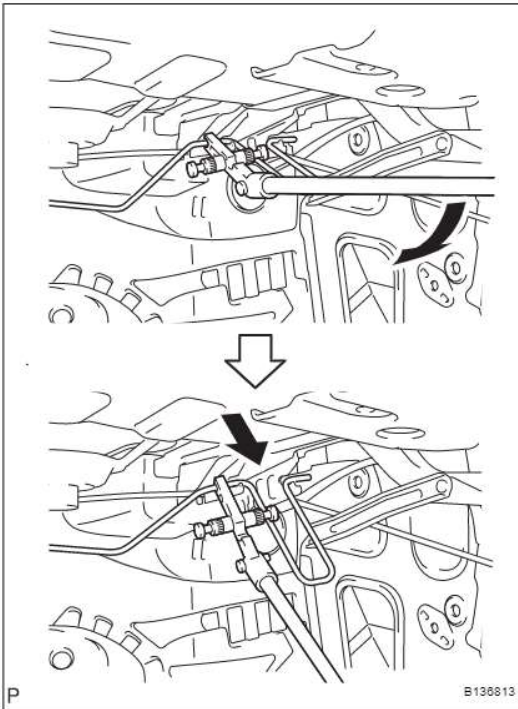
- (a) Remove the 2 clips and the luggage compartment inner trim cover RH.

31. REMOVE NO. 1 HV BATTERY INTAKE DUCT (See page HB-119)**32. REMOVE NO. 2 HV BATTERY INTAKE DUCT (See page HB-119)****33. REMOVE LUGGAGE DOOR HINGE TORSION BAR RH**

- (a) Disconnect the luggage door hinge torsion bar RH from the luggage compartment door torsion bar support as shown in the illustration.

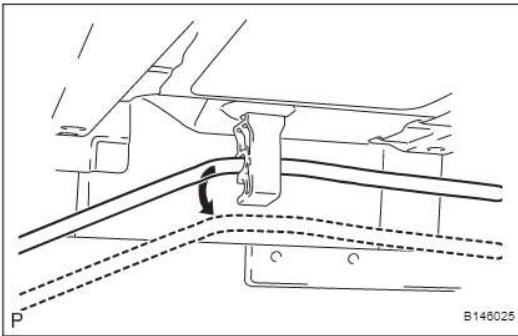
- (b) Using SST, disconnect the luggage door hinge torsion bar RH from the luggage door hinge and the right side of the vehicle body as shown in the illustration.

SST 09804-24010

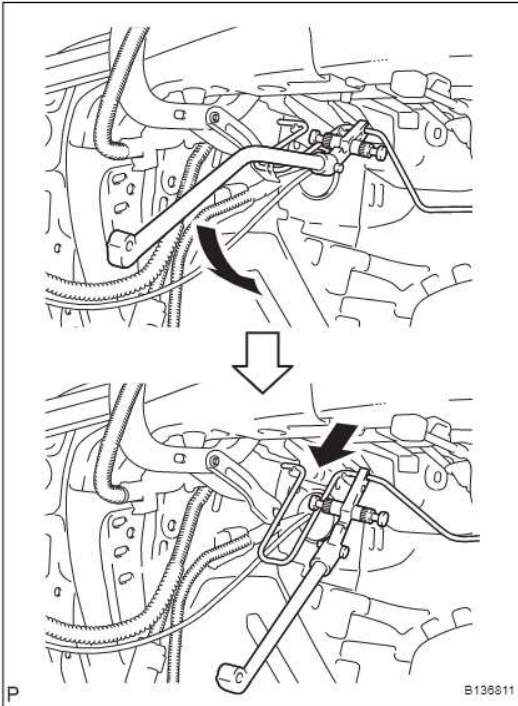


- (c) Remove the luggage door hinge torsion bar RH from the left side of the vehicle body as shown in the illustration.

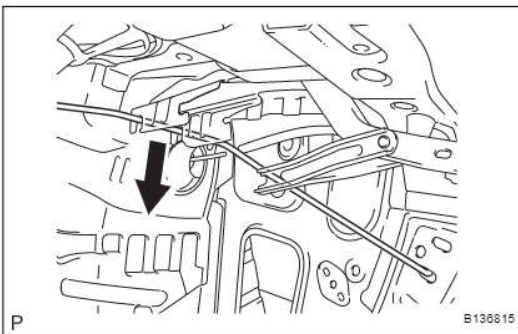
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ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR**ED-99****34. REMOVE LUGGAGE DOOR HINGE TORSION BAR LH**

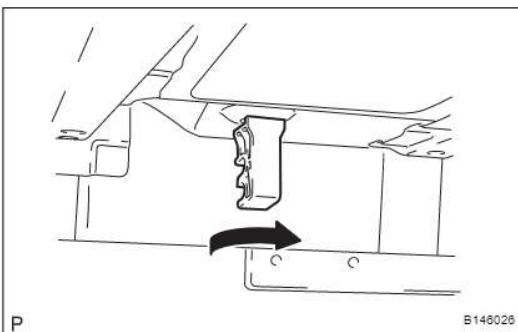
- (a) Disconnect the luggage door hinge torsion bar LH from the luggage compartment door torsion bar support as shown in the illustration.



- (b) Using SST, disconnect the luggage door hinge torsion bar LH from the luggage door hinge and the left side of the vehicle body as shown in the illustration.

SST 09804-24010

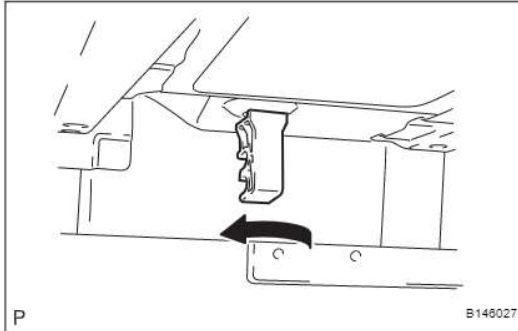
- (c) Remove the luggage door hinge torsion bar LH from the right side of the vehicle body as shown in the illustration.

ED**35. REMOVE LUGGAGE COMPARTMENT DOOR TORSION BAR SUPPORT**

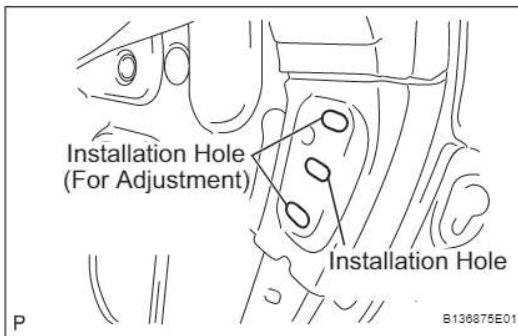
- (a) Remove the luggage compartment door torsion bar support as shown in the illustration.

ED-100**ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR****INSTALLATION****HINT:**

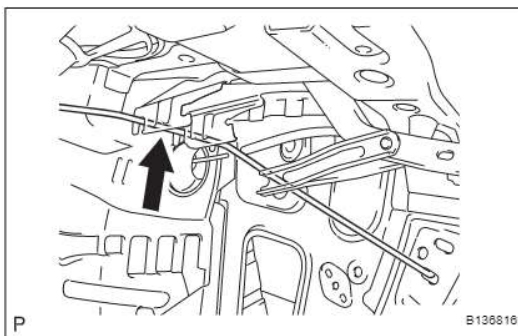
After installing the torsion bar, use your hand to open and close the luggage door. Make sure the luggage door can open and close smoothly.

**1. INSTALL LUGGAGE COMPARTMENT DOOR TORSION BAR SUPPORT**

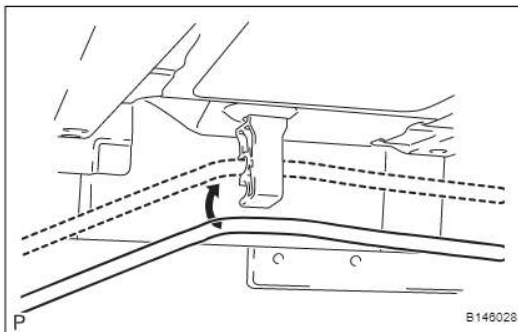
- (a) Install the luggage compartment door torsion bar support as shown in the illustration.

**2. INSTALL LUGGAGE DOOR HINGE TORSION BAR LH**

- (a) Set the tip of the luggage door hinge torsion bar LH in the center installation hole. The upper and lower installation holes are used for adjustment.

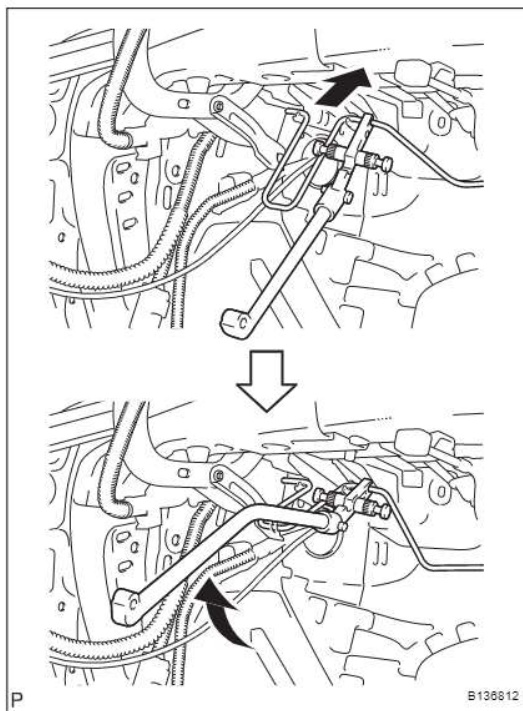


- (b) Connect the luggage door hinge torsion bar LH to the right side of the vehicle body as shown in the illustration.

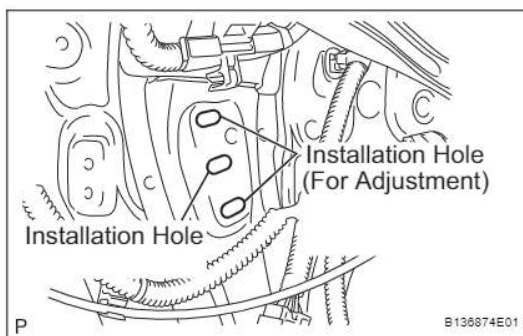


- (c) Connect the luggage door hinge torsion bar LH to the luggage compartment door torsion bar support as shown in the illustration.

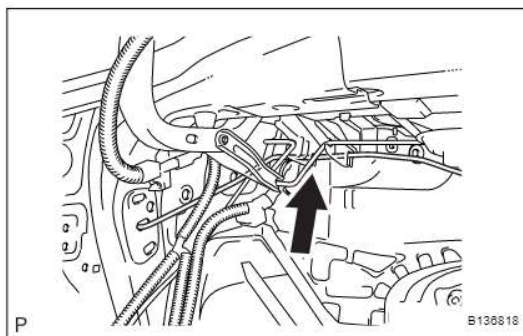
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ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR**ED-101**

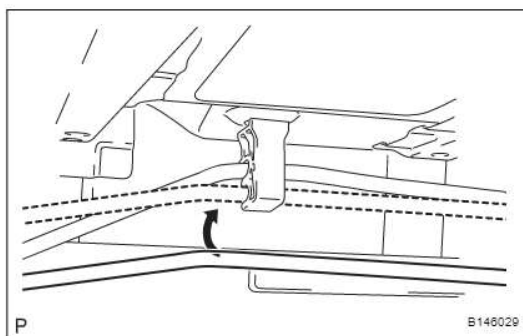
- (d) Using SST, install the luggage door hinge torsion bar LH to the luggage door hinge and the left side of the vehicle body as shown in the illustration.
SST 09804-24010

**3. INSTALL LUGGAGE DOOR HINGE TORSION BAR RH**

- (a) Set the tip of the luggage door hinge torsion bar RH in the center installation hole. The upper and lower installation holes are used for adjustment.



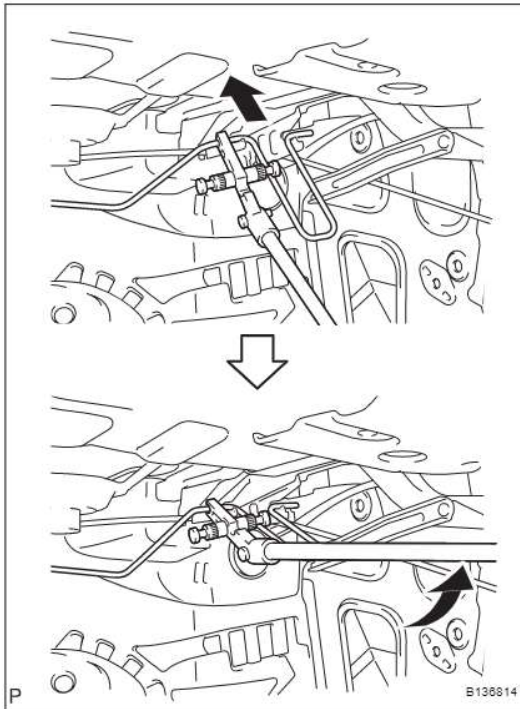
- (b) Connect the luggage door hinge torsion bar RH to the left side of the vehicle body as shown in the illustration.

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- (c) Connect the luggage door hinge torsion bar RH to the luggage compartment door torsion bar support as shown in the illustration.

ED-102

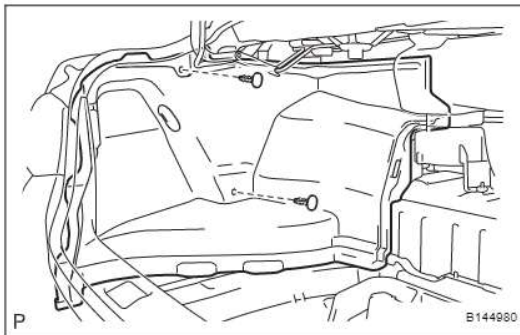
ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR



- (d) Using SST, install the luggage door hinge torsion bar RH to the luggage door hinge and the right side of the vehicle body as shown in the illustration.

SST 09804-24010

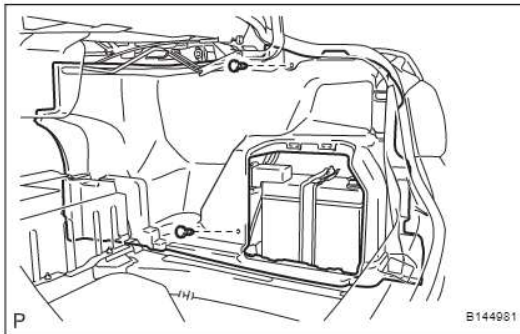
4. **INSTALL NO. 2 HV BATTERY INTAKE DUCT** (See page [HB-121](#))
5. **INSTALL NO. 1 HV BATTERY INTAKE DUCT** (See page [HB-121](#))
6. **INSTALL LUGGAGE COMPARTMENT FRONT TRIM COVER**



7. **INSTALL LUGGAGE COMPARTMENT INNER TRIM COVER LH**

- (a) Install the luggage compartment inner trim cover LH with the 2 clips.

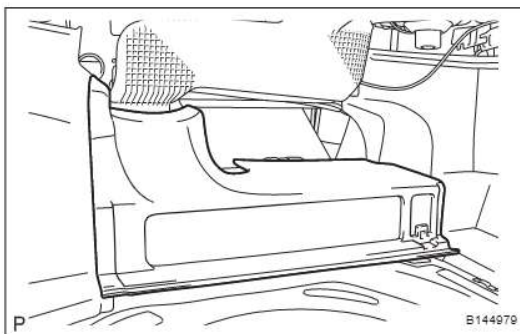
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8. **INSTALL LUGGAGE COMPARTMENT INNER TRIM COVER RH**

- (a) Install the luggage compartment inner trim cover RH with the 2 clips.

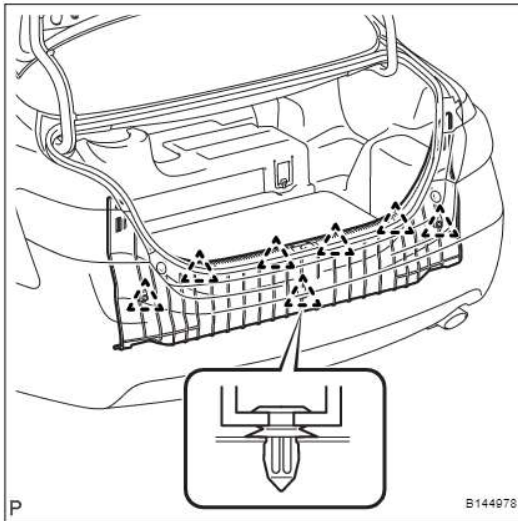
9. **INSTALL LUGGAGE TRIM SERVICE HOLE COVER** (See page [HB-98](#))



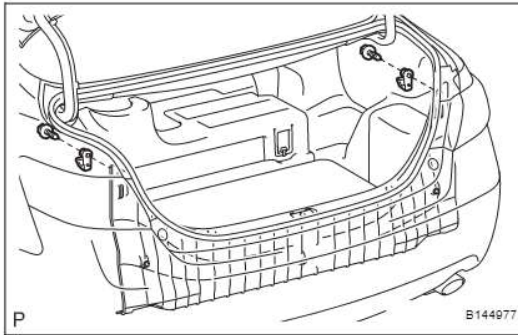
10. **INSTALL LUGGAGE COMPARTMENT REAR TRIM COVER**

- (a) Install the luggage compartment rear trim cover.

ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR

**11. INSTALL REAR FLOOR FINISH PLATE**

- (a) Engage the 7 clips and install the rear floor finish plate.

**12. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM HOOK**

- (a) Install the 2 No. 1 luggage compartment trim hooks with the 2 screws.

13. INSTALL SPARE WHEEL COVER ASSEMBLY**14. INSTALL SPARE WHEEL COVER CLAMP****15. INSTALL LUGGAGE COMPARTMENT FLOOR MAT****16. INSTALL PACKAGE TRAY TRIM PANEL ASSEMBLY**
(See page [SB-34](#))**17. INSTALL REAR SEAT SHOULDER BELT HOLE COVER** (See page [SB-35](#))**18. INSTALL REAR SEAT SHOULDER BELT COVER** (See page [SB-35](#))**19. CONNECT REAR SEAT OUTER BELT ASSEMBLY**
(for LH Side) (See page [SB-42](#))**20. CONNECT REAR SEAT OUTER BELT ASSEMBLY**
(for RH Side) (See page [SB-42](#))**21. INSTALL ROOF SIDE INNER GARNISH LH** (See page [IR-39](#))**22. INSTALL ROOF SIDE INNER GARNISH RH** (See page [IR-39](#))**23. CONNECT REAR SEAT INNER WITH CENTER BELT ASSEMBLY LH** (See page [SB-35](#))**24. INSTALL CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSEMBLY LH** (See page [SB-51](#))**25. CONNECT REAR DOOR OPENING TRIM WEATHERSTRIP LH** (See page [IR-43](#))**26. INSTALL REAR DOOR SCUFF PLATE LH** (See page [IR-43](#))**27. CONNECT REAR DOOR OPENING TRIM WEATHERSTRIP RH** (See page [IR-43](#))

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ED-104**ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR**

28. **INSTALL REAR DOOR SCUFF PLATE RH** (See page [IR-43](#))
29. **INSTALL REAR SIDE SEATBACK ASSEMBLY LH**
(See page [SE-54](#))
30. **INSTALL REAR SIDE SEATBACK ASSEMBLY RH**
31. **INSTALL SEPARATE TYPE REAR SEATBACK ASSEMBLY LH** (See page [SE-54](#))
32. **INSTALL SEPARATE TYPE REAR SEATBACK ASSEMBLY RH** (See page [SE-54](#))
33. **INSTALL REAR CENTER SEAT HEADREST ASSEMBLY**
34. **INSTALL REAR SEAT HEADREST ASSEMBLY**
35. **INSTALL REAR SEAT CUSHION ASSEMBLY** (See page [SE-55](#))

ED

FUEL LID OPENER SYSTEM

PRECAUTION

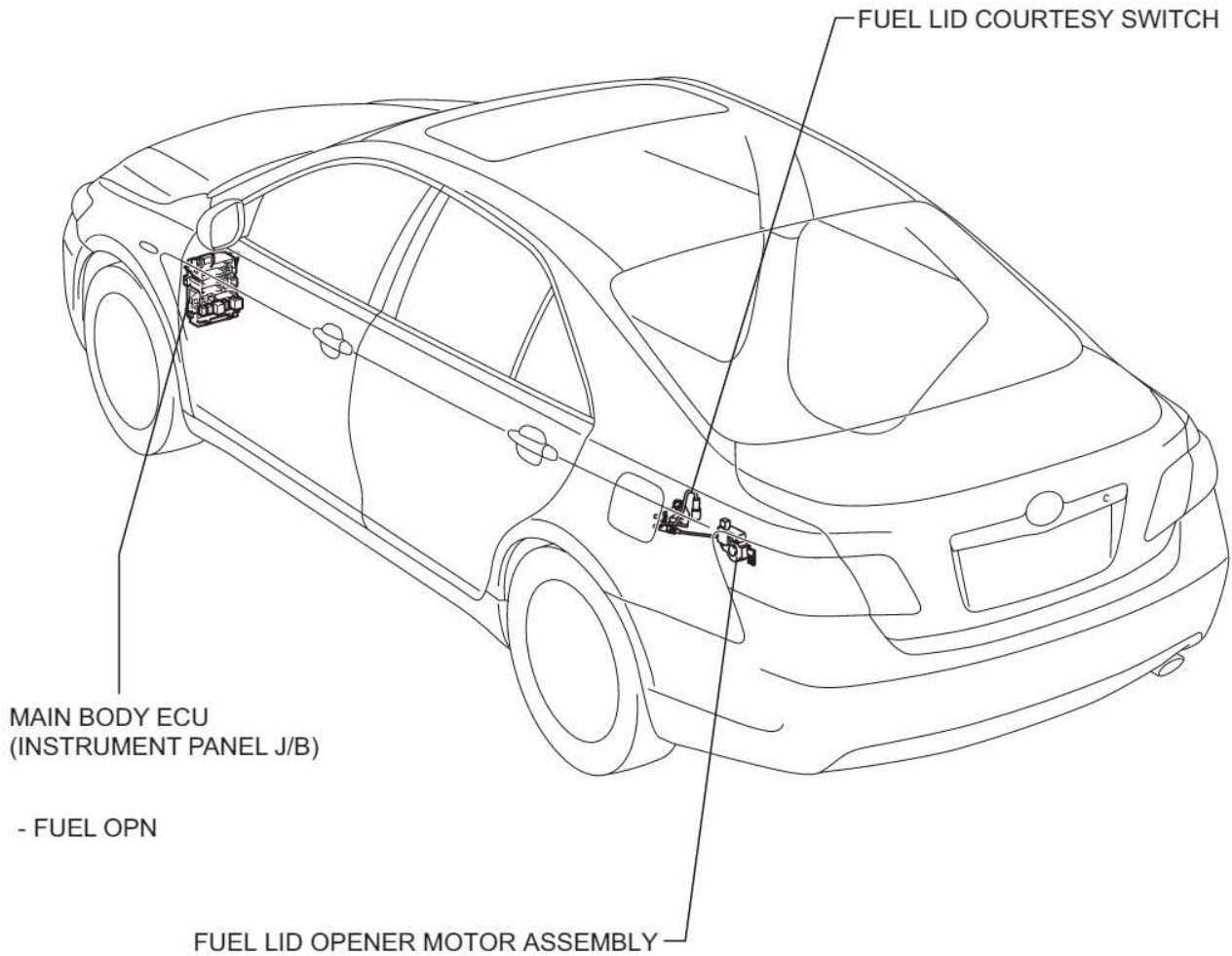
- 1. NOTICE FOR INITIALIZATION
 - (a) When disconnecting the negative (-) battery terminal, initialize the following systems after the terminal is reconnected.

System Name	See procedure
SFI System	(See page IN-43)

ED-2

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

PARTS LOCATION

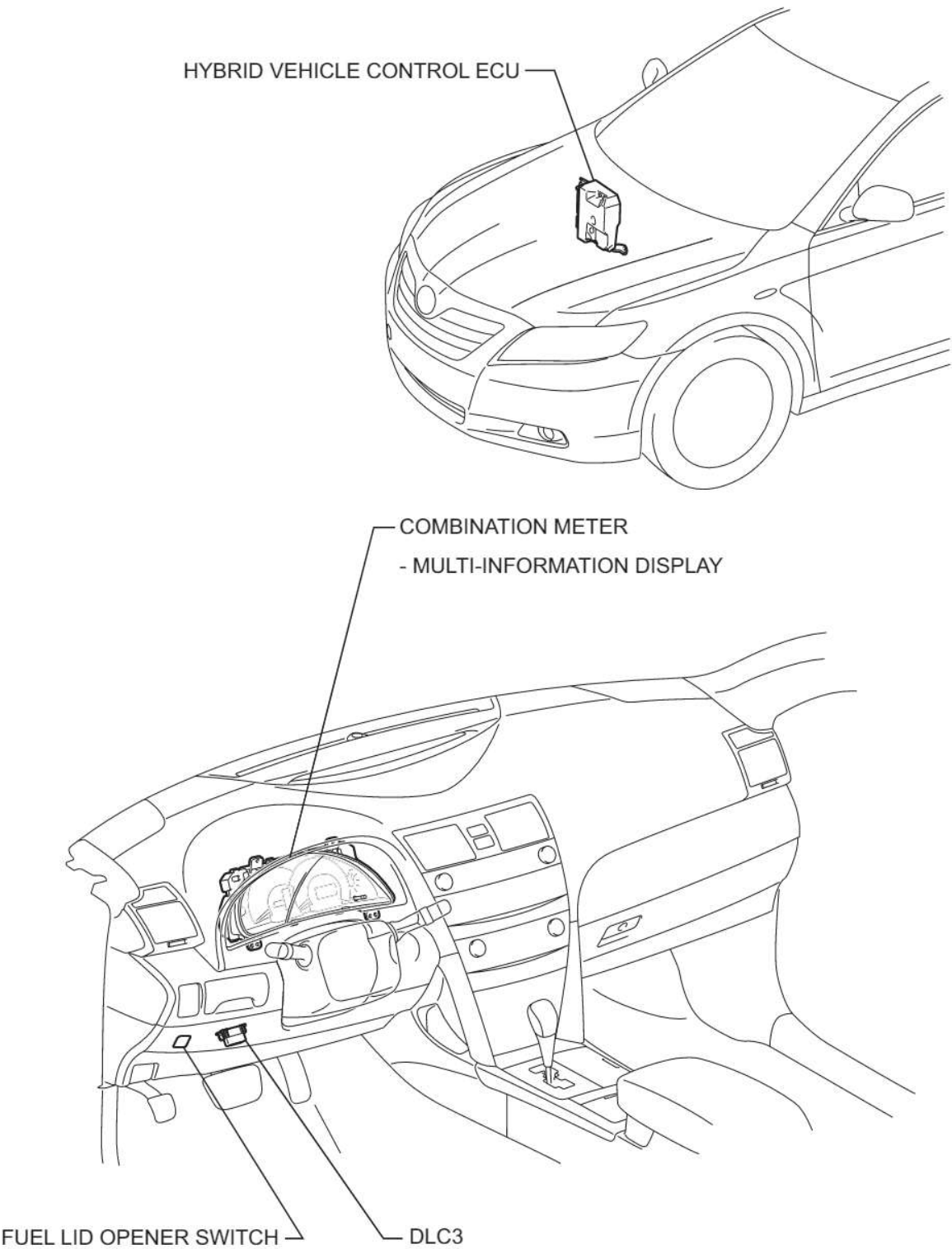


H

B150823E01

ENGINE HOOD / DOOR – FUEL LID OPENER SYSTEM

ED-3



ED

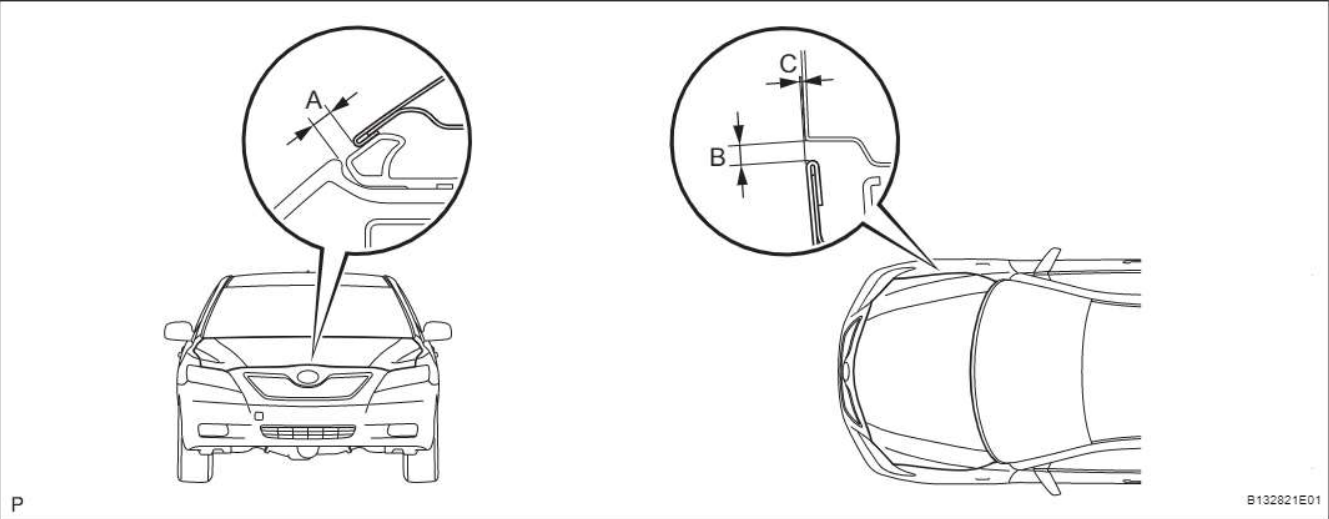
B150824E01

HOOD

ON-VEHICLE INSPECTION

1. INSPECT HOOD SUB-ASSEMBLY

- (a) Check that the clearance measurements of areas A through C are within each standard range.



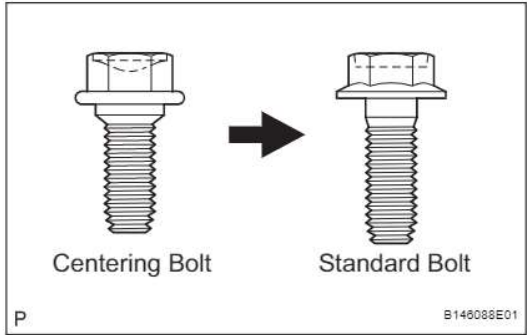
Standard clearance

Area	Measurement
A	2.3 to 5.3 mm (0.091 to 0.209 in.)
B	2.0 to 5.0 mm (0.079 to 0.197 in.)
C	-1.4 to 1.6 mm (-0.055 to 0.063 in.)

ADJUSTMENT

HINT:

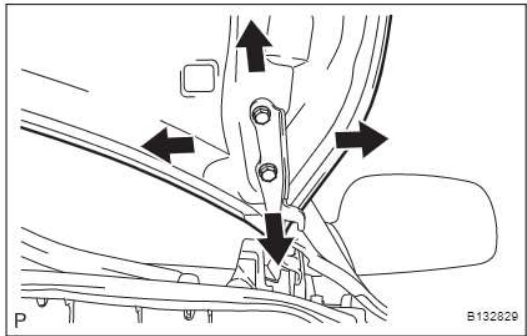
- Centering bolts are used to mount the hood hinge and hood lock. The hood and hood lock cannot be adjusted with the centering bolts on. Substitute the centering bolts with standard bolts (with washers) when making adjustments.
- A bolt without a torque specification is shown in the standard bolt chart (See page SS-2).



1. REMOVE FRONT BUMPER ASSEMBLY (See page ET-3)

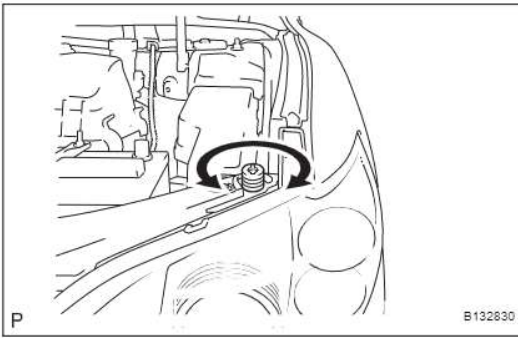
2. ADJUST HOOD SUB-ASSEMBLY

- (a) Horizontally and vertically adjust the hood.
 - (1) Loosen the 4 hinge bolts of the hood.
 - (2) Adjust the clearance between the hood and front fender by moving the hood.
 - (3) Tighten the 4 hinge bolts after the adjustment.
Torque: 13 N*m (133 kgf*cm, 10 ft.*lbf)



ENGINE HOOD / DOOR – HOOD

ED-29

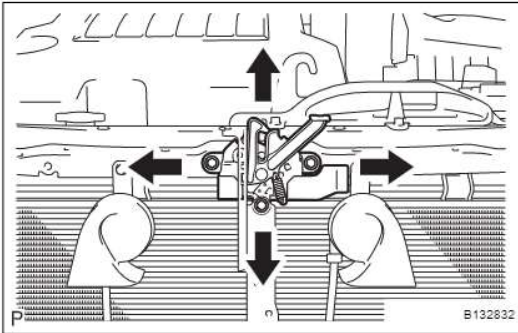


(b) Adjust the height of the front end of the hood using the cushion rubber.

- (1) Adjust the cushion rubber so that the height of the hood and fender are aligned.

HINT:

Raise or lower the front end of the hood by turning the cushion rubber.



(c) Adjust the hood lock.

- (1) Loosen the 3 bolts.
- (2) Tighten the bolts after the adjustment.
Torque: 7.5 N*m (77 kgf*cm, 66 in.*lbf)
- (3) Check that the striker can engage with the hood lock smoothly.

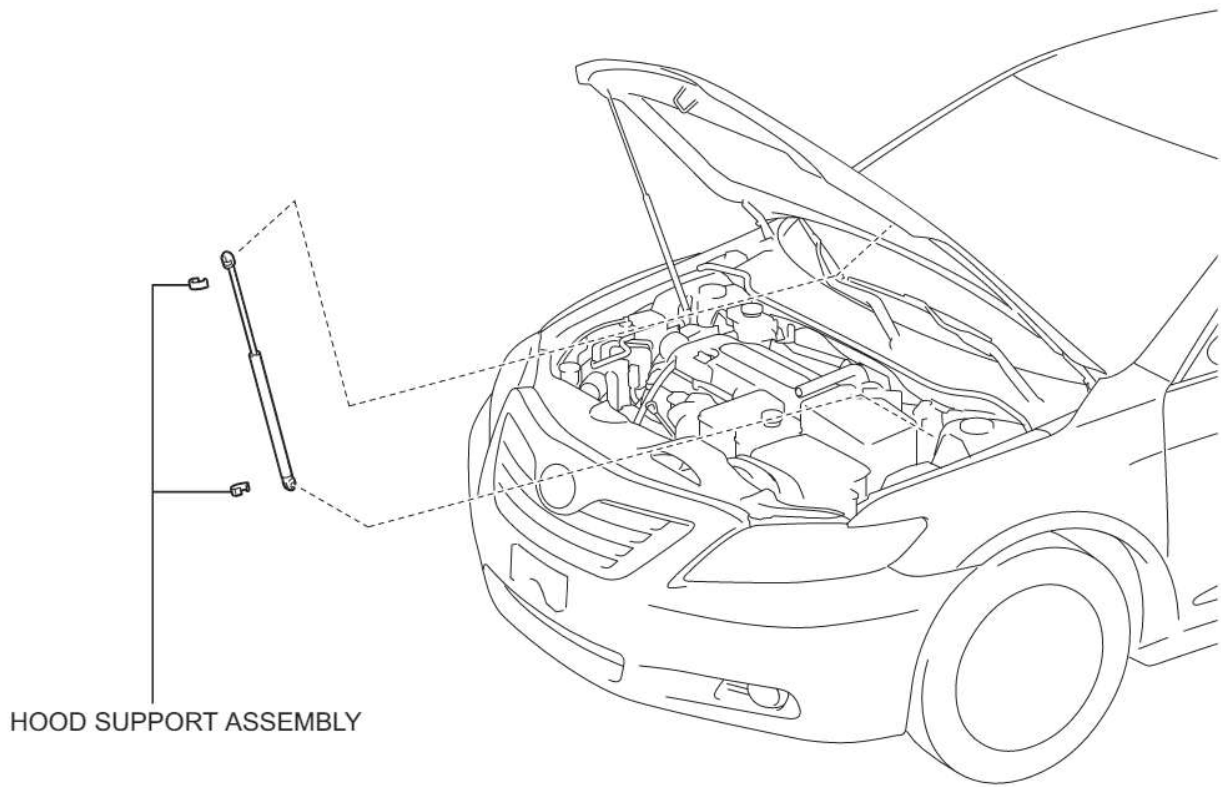
3. INSTALL FRONT BUMPER ASSEMBLY (See page [ET-9](#))

ED

ED-30

ENGINE HOOD / DOOR – HOOD SUPPORT ROD

HOOD SUPPORT ROD COMPONENTS



HOOD SUPPORT ASSEMBLY

ED

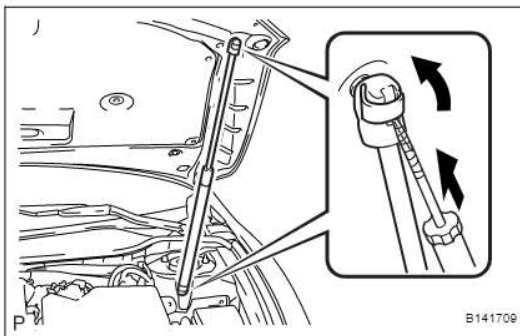
P

B141707E01

REMOVAL

NOTICE:

- Avoid touching the stroke portions of the rod as much as possible to prevent foreign matter from attaching to the stroke portions. Be sure to hold the cylinders while servicing.
- Do not wear cotton gloves or other similar materials when handling the rod. Fibers may attach to the rod and result in gas leaks.
- Do not apply any load to the cylinders in the horizontal direction in order to prevent the rod from being deformed.



1. REMOVE HOOD SUPPORT ASSEMBLY

- (a) Using a screwdriver, disengage the 2 clips and remove the hood support assembly.

NOTICE:

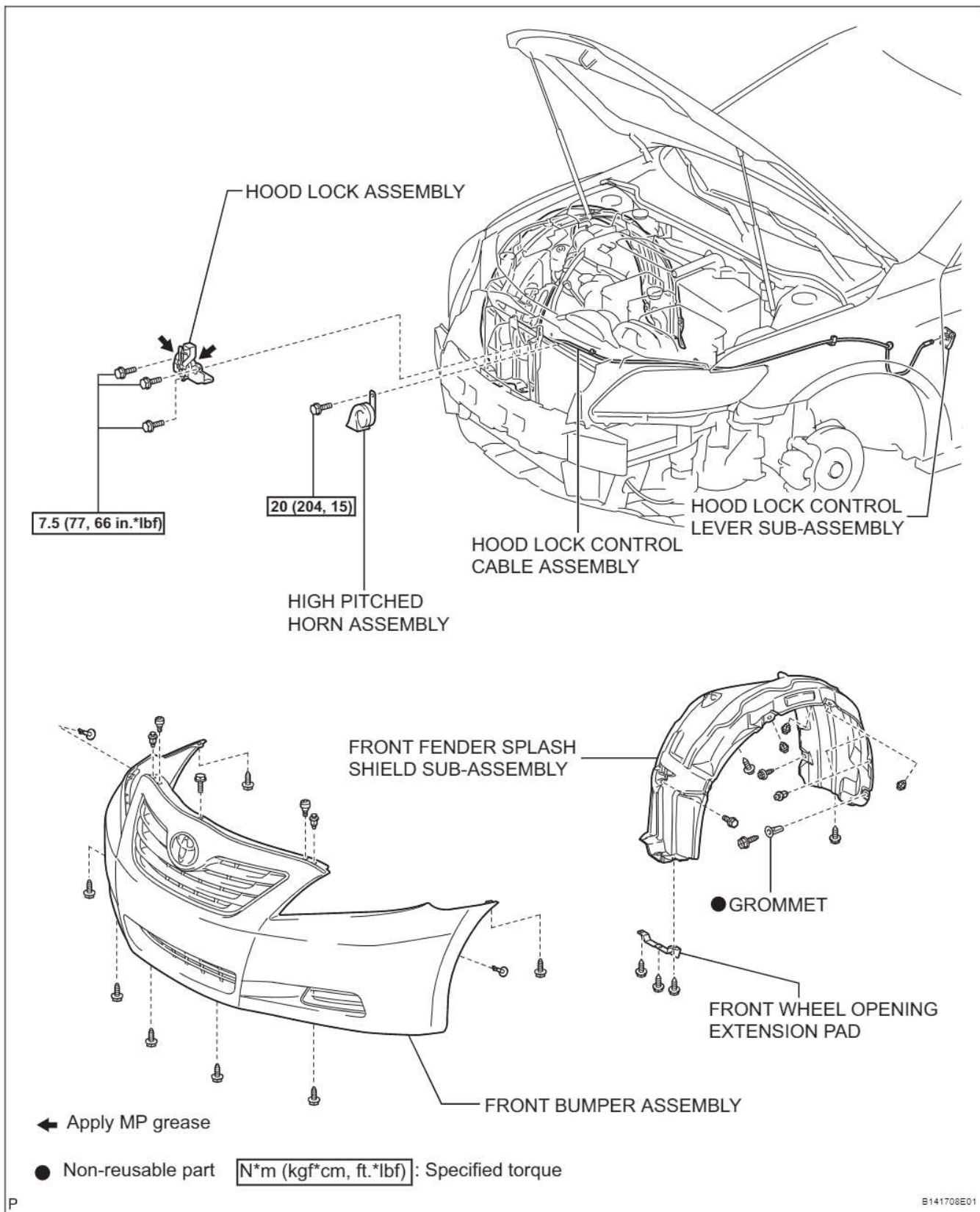
Remove the hood support assembly while supporting the hood by hand.

ED-32

ENGINE HOOD / DOOR – HOOD LOCK CONTROL CABLE ASSEMBLY

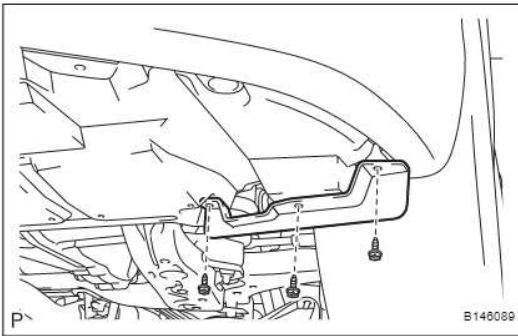
HOOD LOCK CONTROL CABLE ASSEMBLY

COMPONENTS

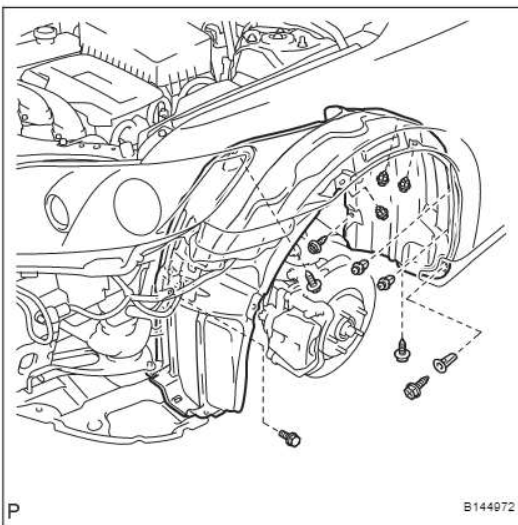


REMOVAL

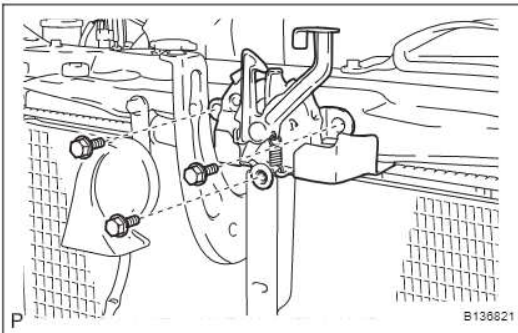
1. REMOVE FRONT WHEEL
2. REMOVE FRONT WHEEL OPENING EXTENSION PAD
 - (a) Remove the 3 screws and the front wheel opening extension pad.
3. REMOVE FRONT BUMPER ASSEMBLY (See page [ET-3](#))



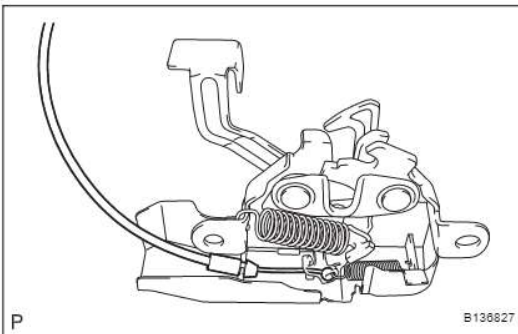
4. REMOVE FRONT FENDER SPLASH SHIELD SUB-ASSEMBLY
 - (a) Remove the 5 clips and bolt.
 - (b) Remove the 4 screws, grommet, and the front fender splash shield sub-assembly.
5. REMOVE HIGH PITCHED HORN ASSEMBLY (See page [HO-8](#))



6. REMOVE HOOD LOCK ASSEMBLY
 - (a) Remove the 3 bolts.



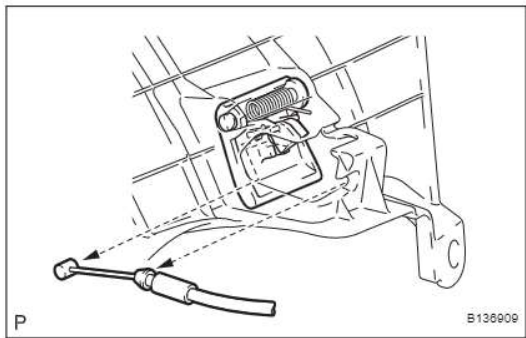
- (b) Disconnect the hood lock control cable.
 - (c) Remove the hood lock assembly.



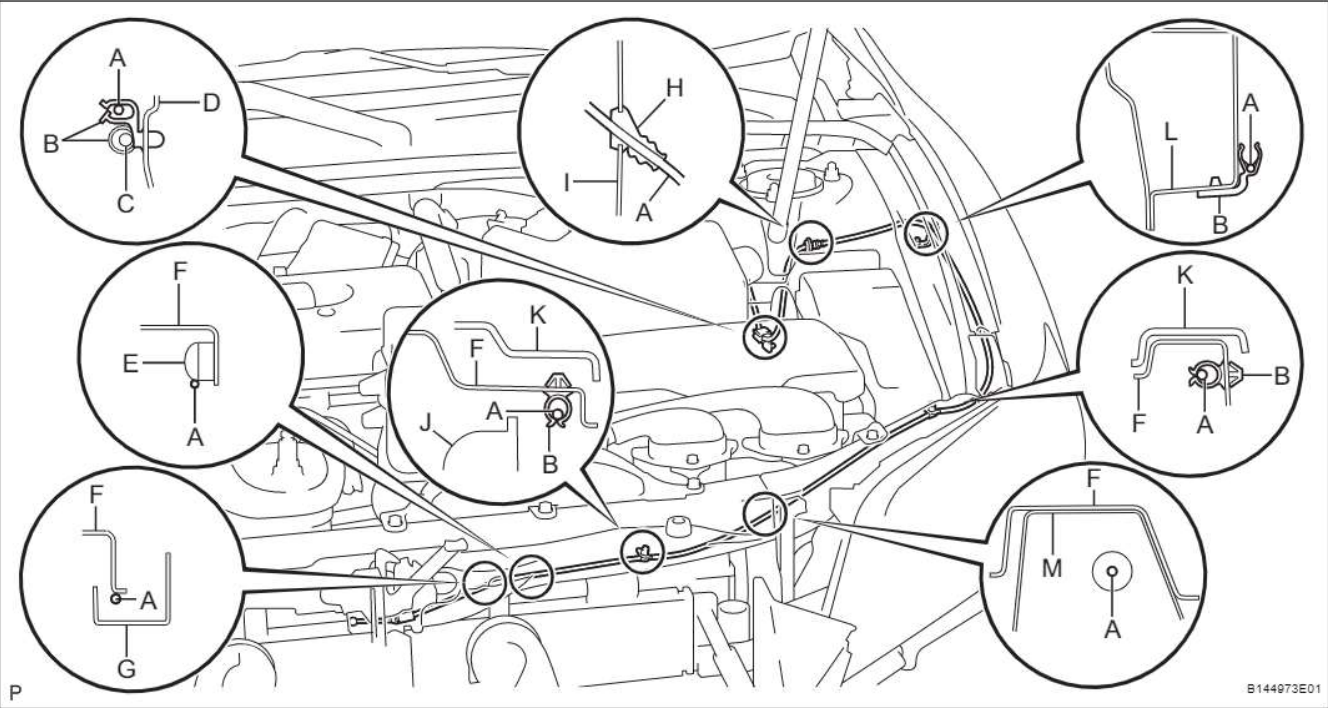
ED

ED-34

ENGINE HOOD / DOOR – HOOD LOCK CONTROL CABLE ASSEMBLY



7. REMOVE HOOD LOCK CONTROL LEVER SUB-ASSEMBLY
- (a) Disconnect the hood lock control cable and remove the hood lock control lever.
8. REMOVE HOOD LOCK CONTROL CABLE ASSEMBLY
- (a) Using a screwdriver, disconnect the clamps shown in the illustration.

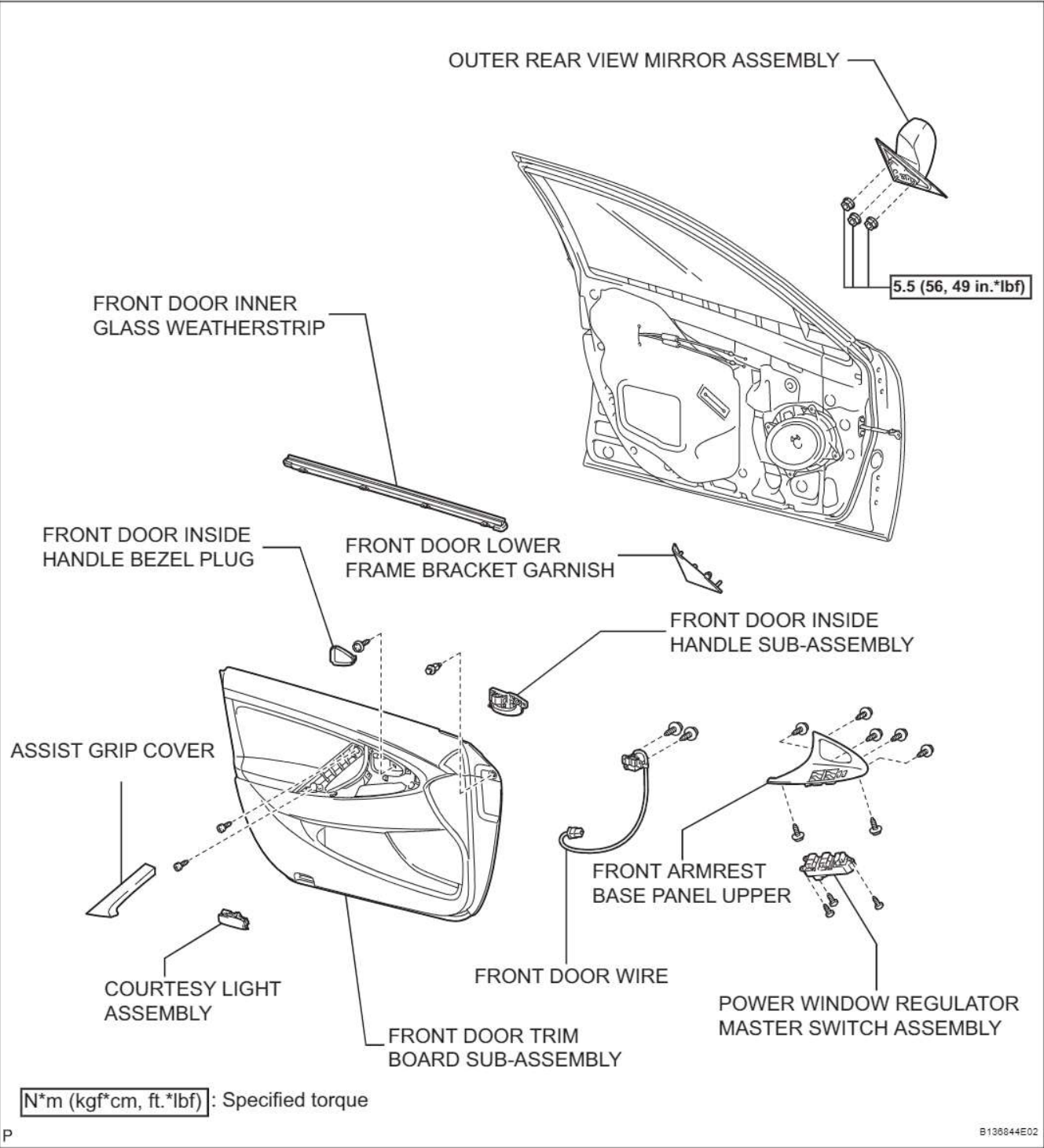


Area	Part Name	Area	Part Name
A	Hood lock control cable	H	Grommet
B	Clamp	I	Side member outer
C	Wire harness	J	Radiator
D	Pillar	K	Radiator support cover
E	Nut	L	Front fender apron
F	Radiator support upper	M	Brace
G	Hood lock protector	-	-

- HINT:
- Tape the screwdriver tip before use.
- (b) Pull the cable from the engine compartment and remove it.

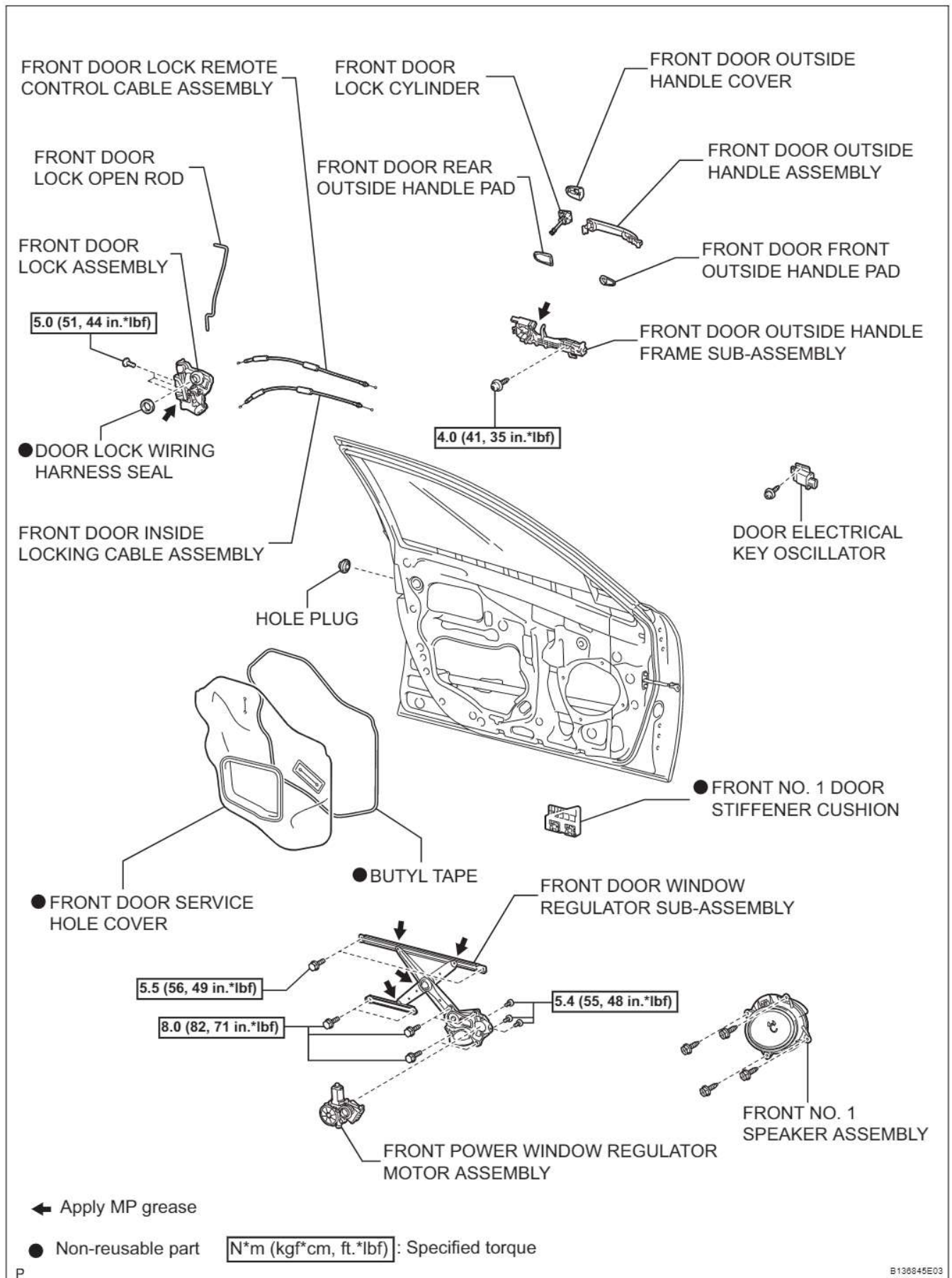
FRONT DOOR

COMPONENTS



ENGINE HOOD / DOOR – FRONT DOOR

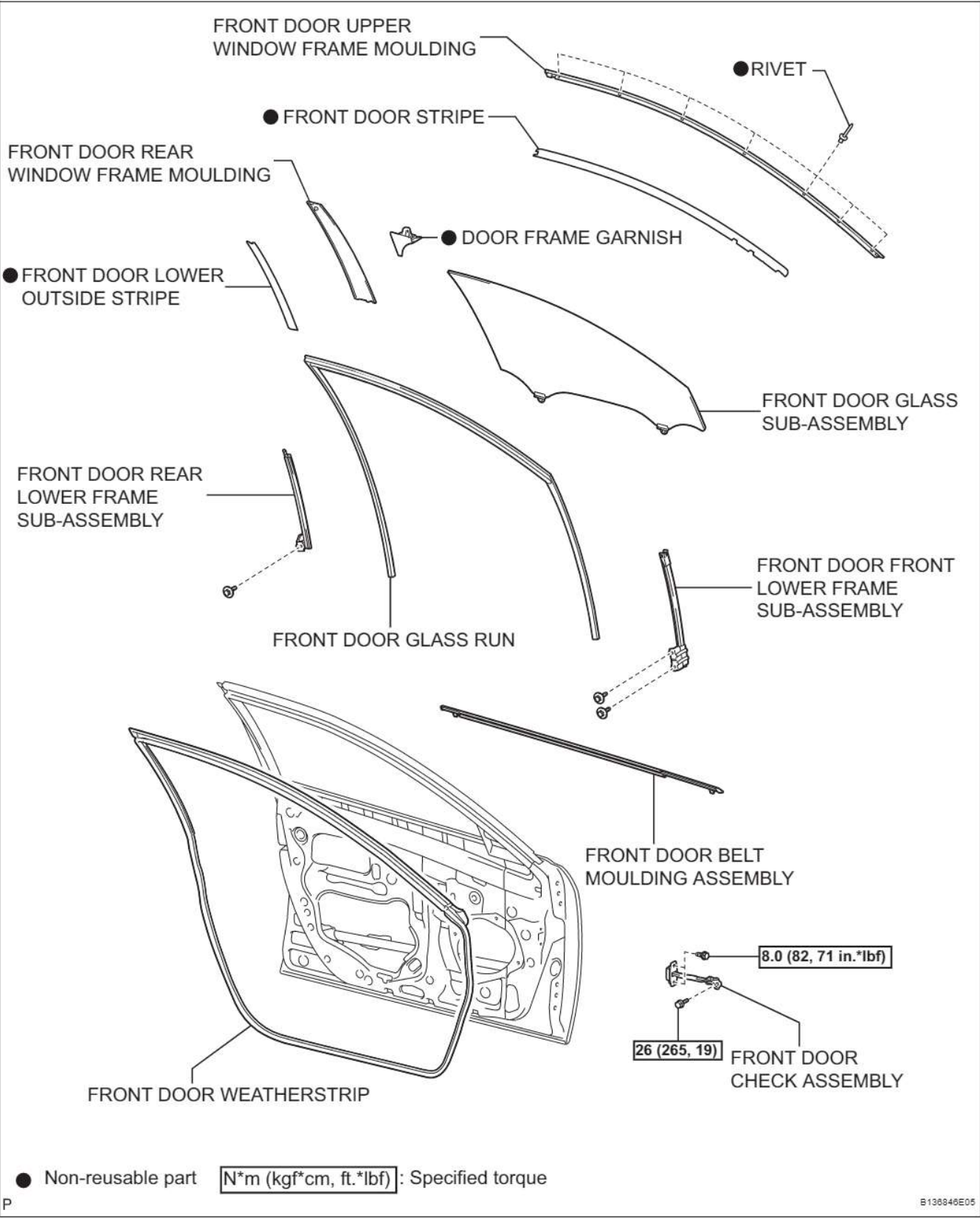
ED-39



ED

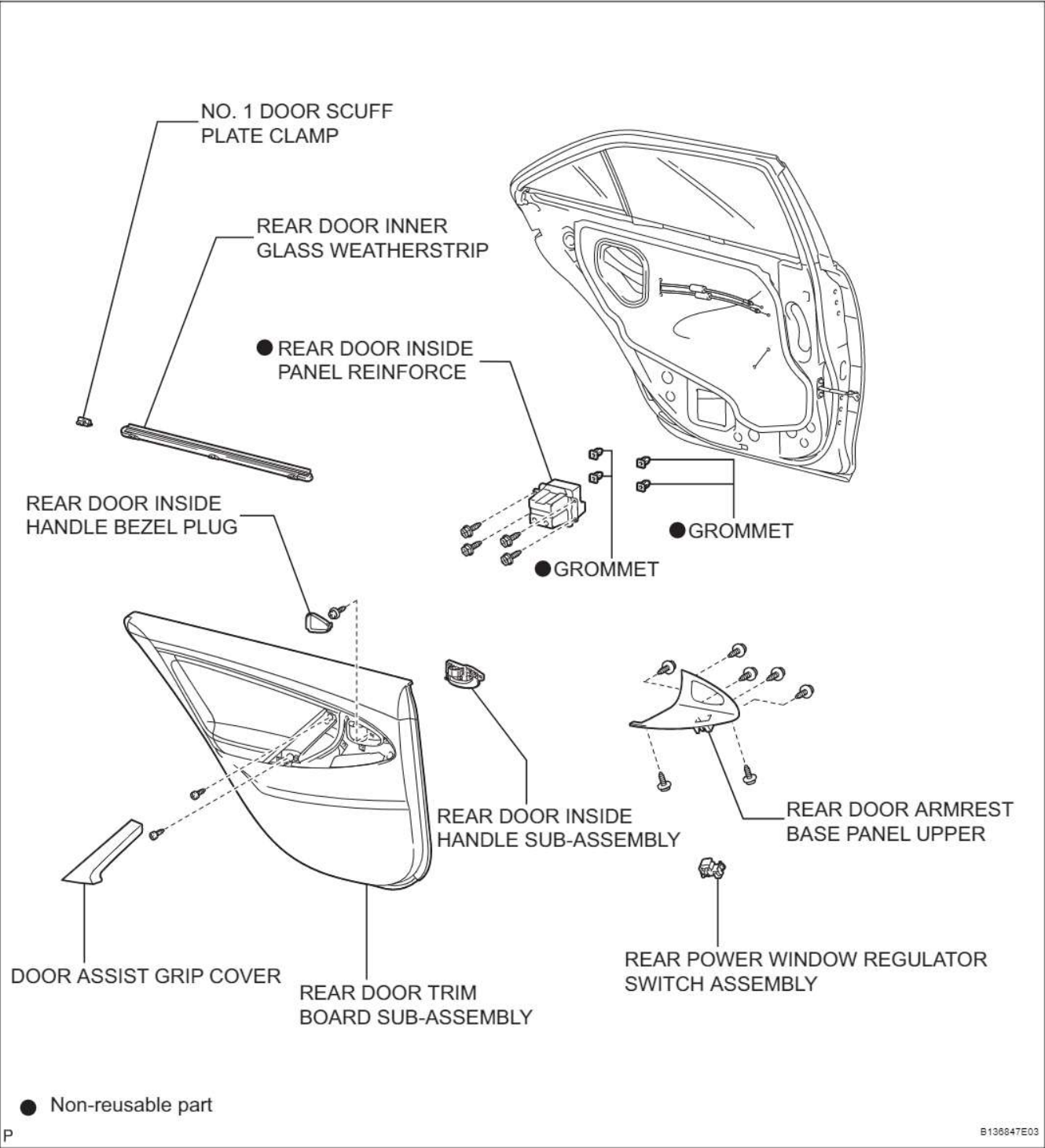
ED-40

ENGINE HOOD / DOOR – FRONT DOOR



REAR DOOR

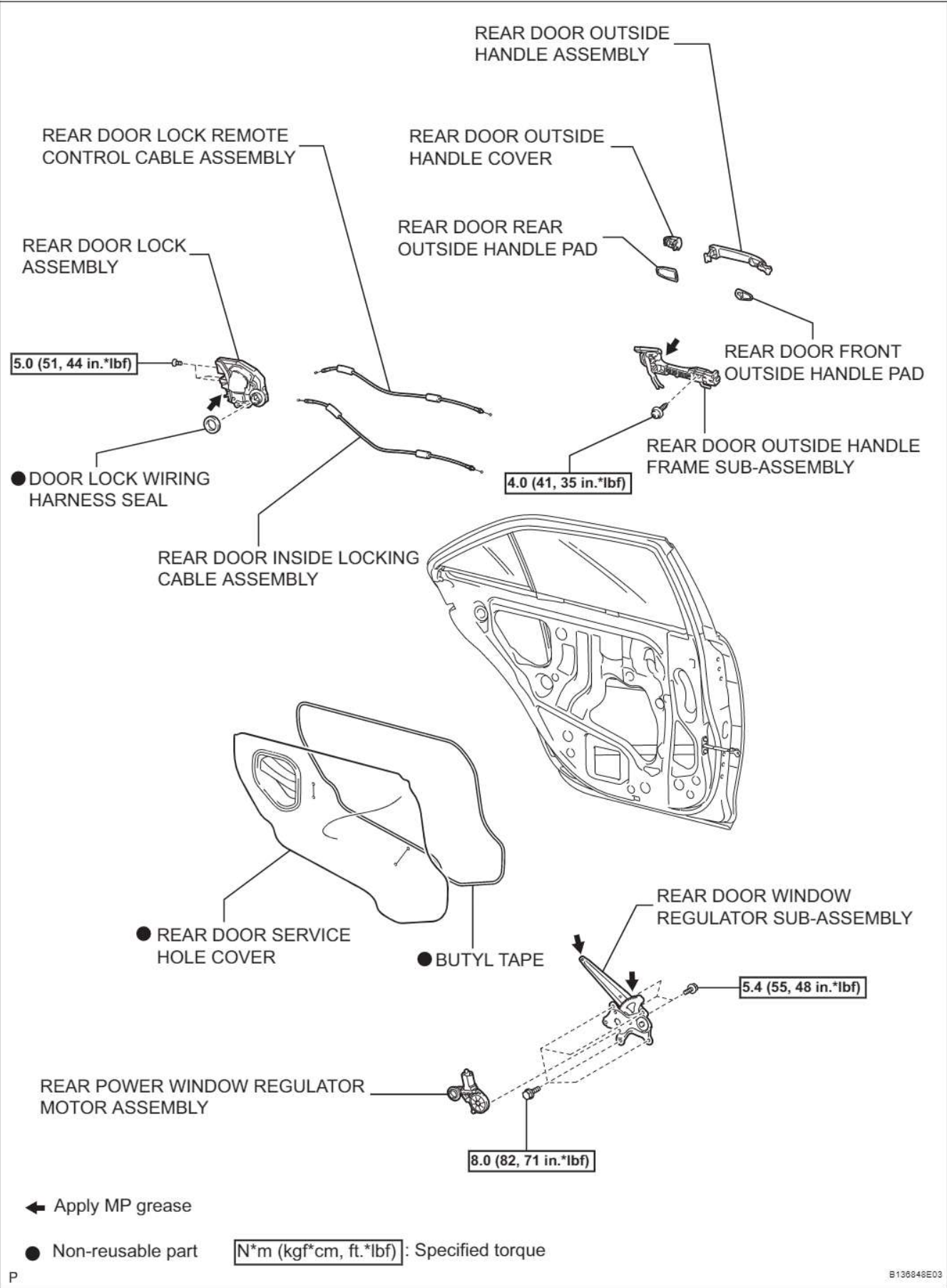
COMPONENTS



ED

ED-62

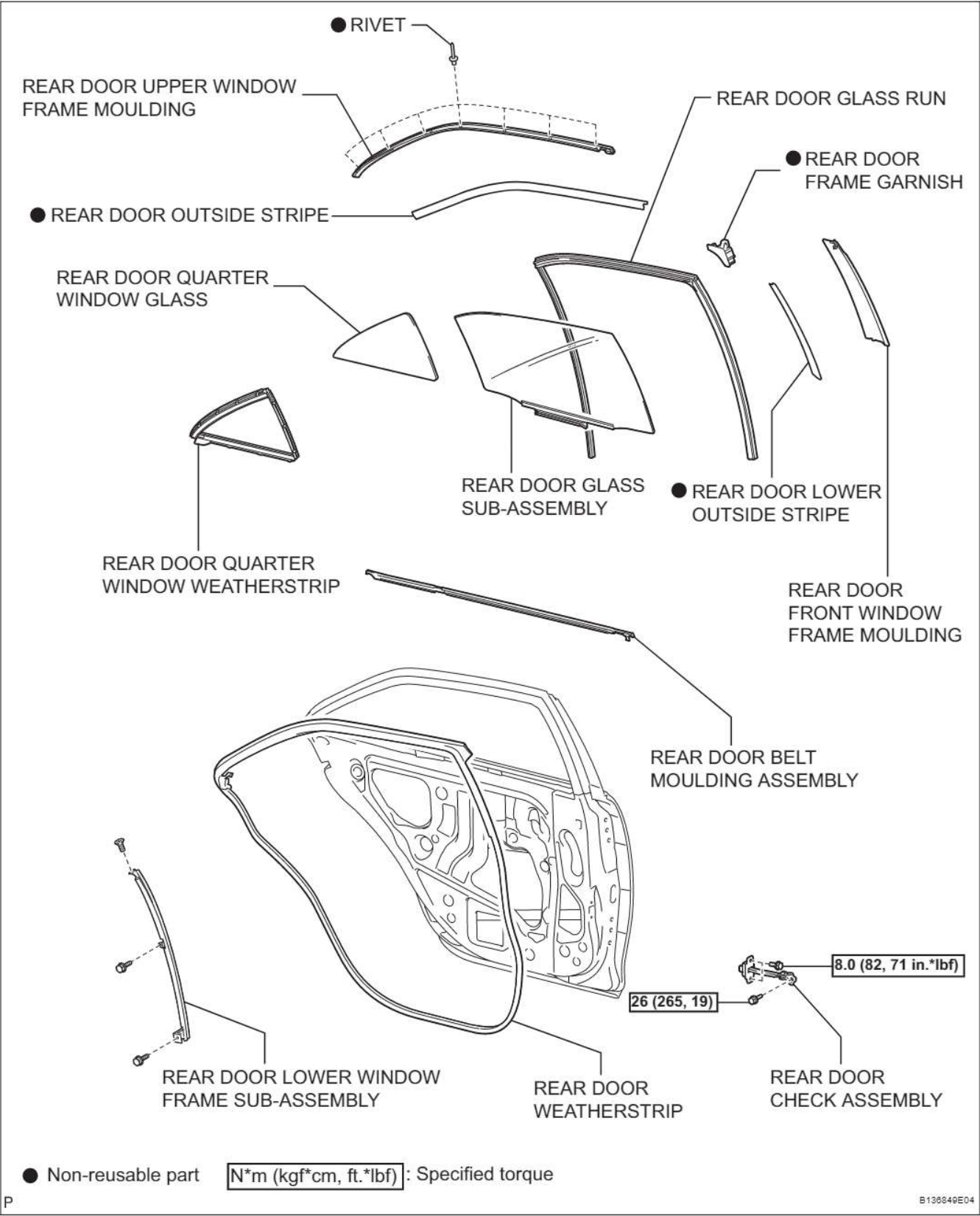
ENGINE HOOD / DOOR – REAR DOOR



ENGINE HOOD / DOOR – REAR DOOR

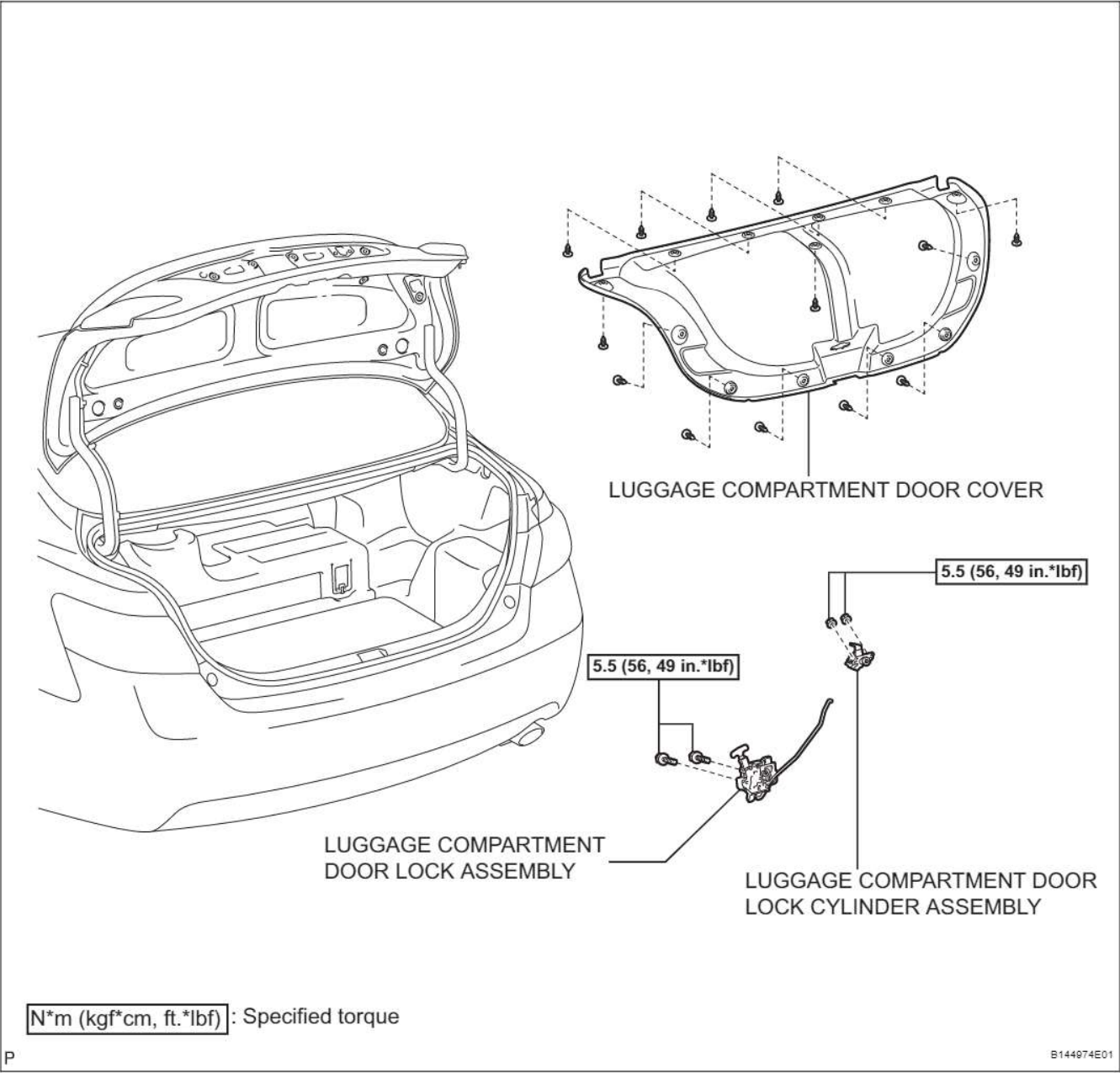
ED-63

ED



LUGGAGE COMPARTMENT DOOR

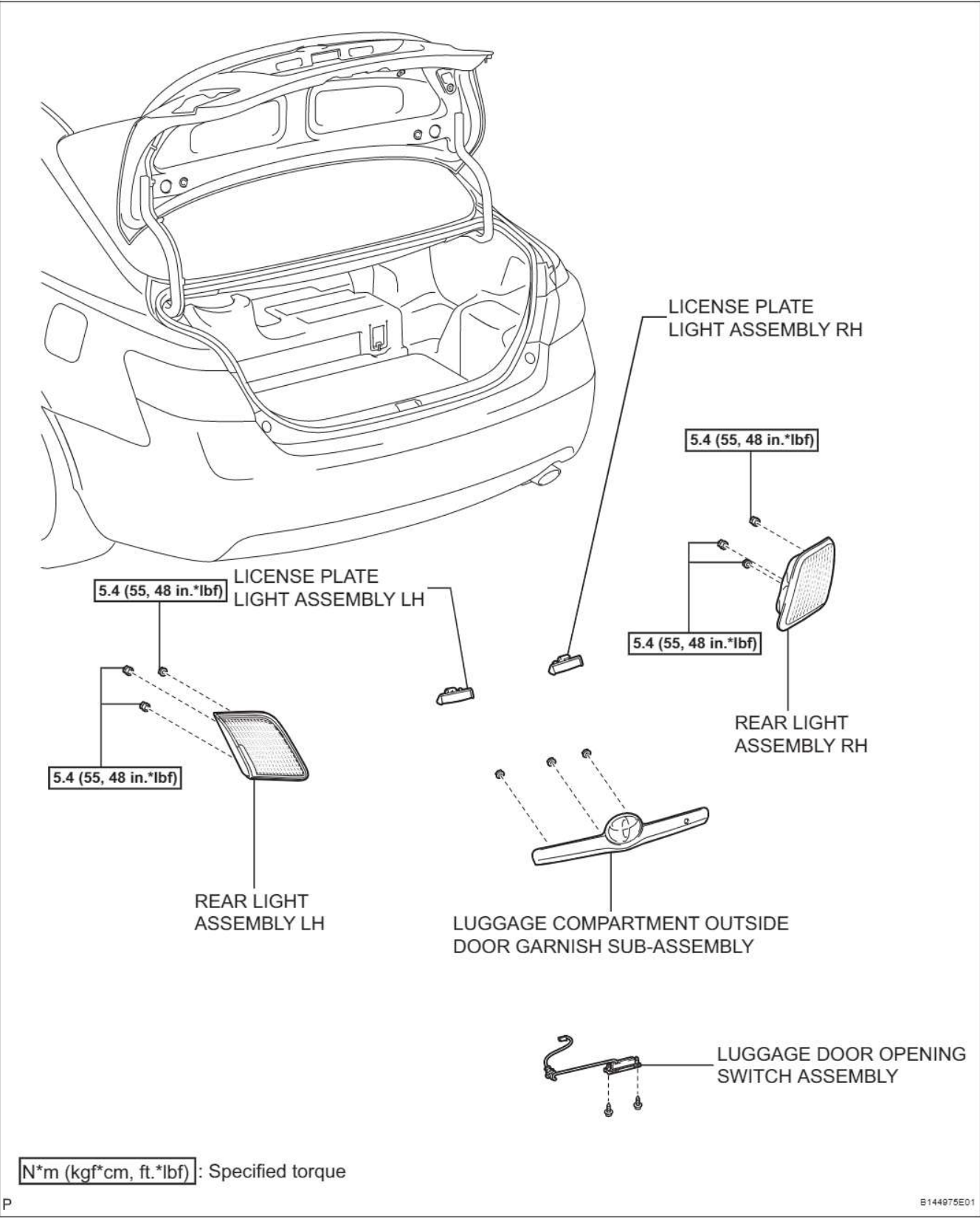
COMPONENTS



ED

ED-84

ENGINE HOOD / DOOR – LUGGAGE COMPARTMENT DOOR

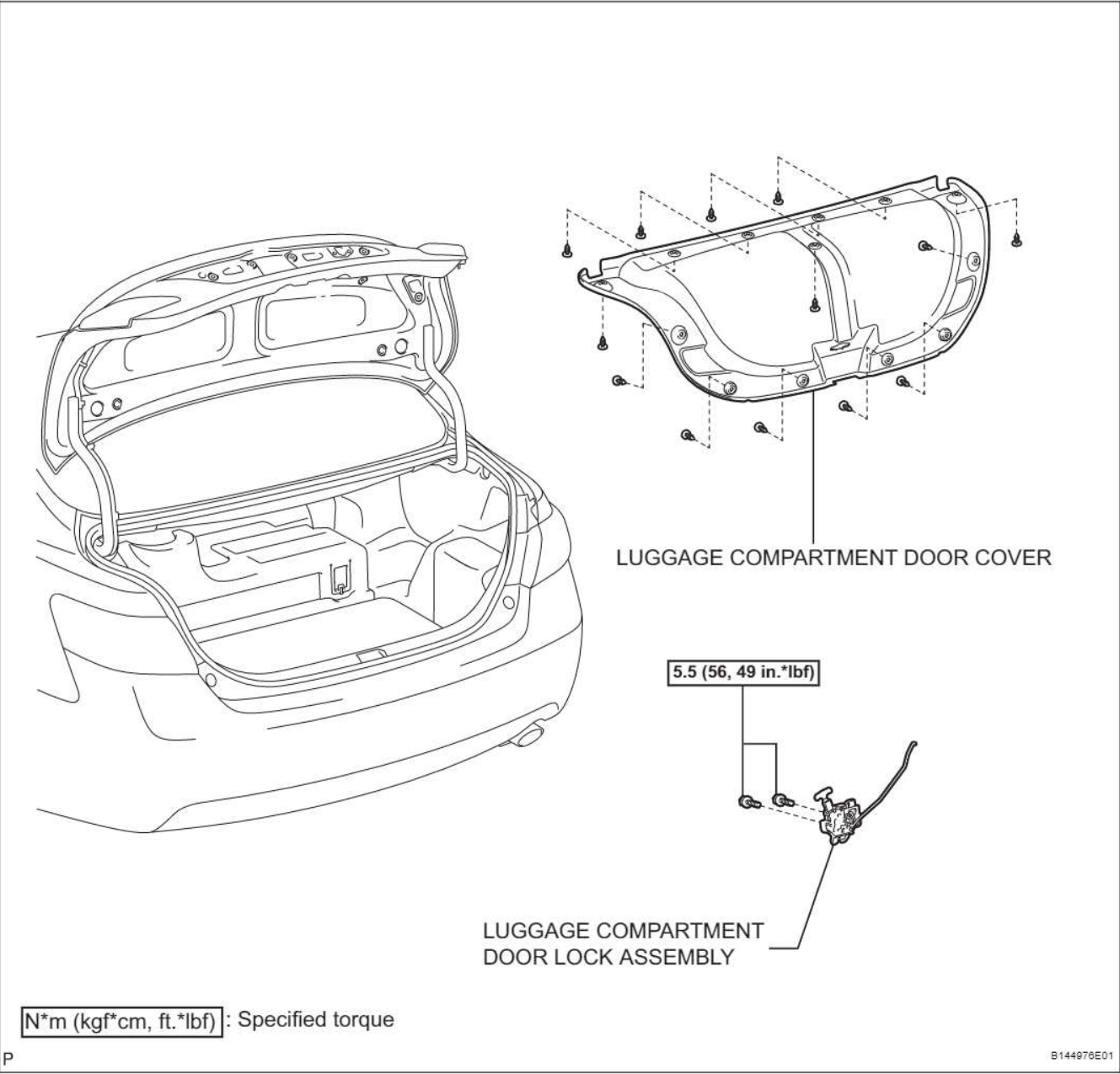


ED-88

ENGINE HOOD / DOOR – LUGGAGE COMPARTMENT DOOR LOCK

LUGGAGE COMPARTMENT DOOR LOCK

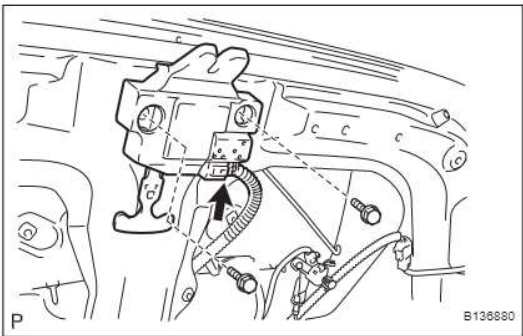
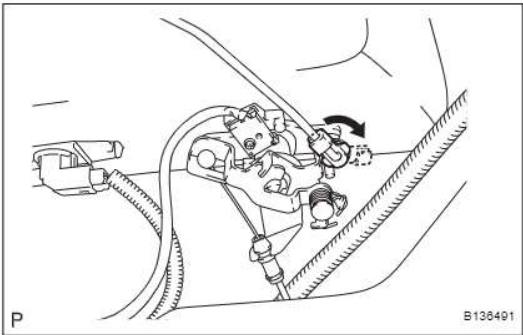
COMPONENTS



REMOVAL

1. REMOVE LUGGAGE COMPARTMENT DOOR COVER
(See page ET-50)
2. REMOVE LUGGAGE COMPARTMENT DOOR LOCK ASSEMBLY

(a) Disconnect the rod.



- (b) Disconnect the connector.
- (c) Remove the 2 bolts and luggage compartment door lock assembly.

INSPECTION

1. INSPECT LUGGAGE COMPARTMENT DOOR LOCK

(a) Move the door lock to the lock position.

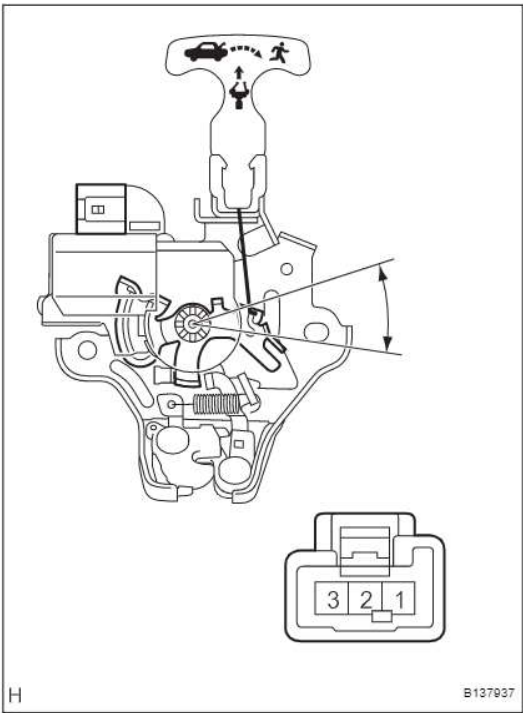
(b) Apply battery voltage to the door lock motor and check operation of the door lock motor.

OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	Unlock

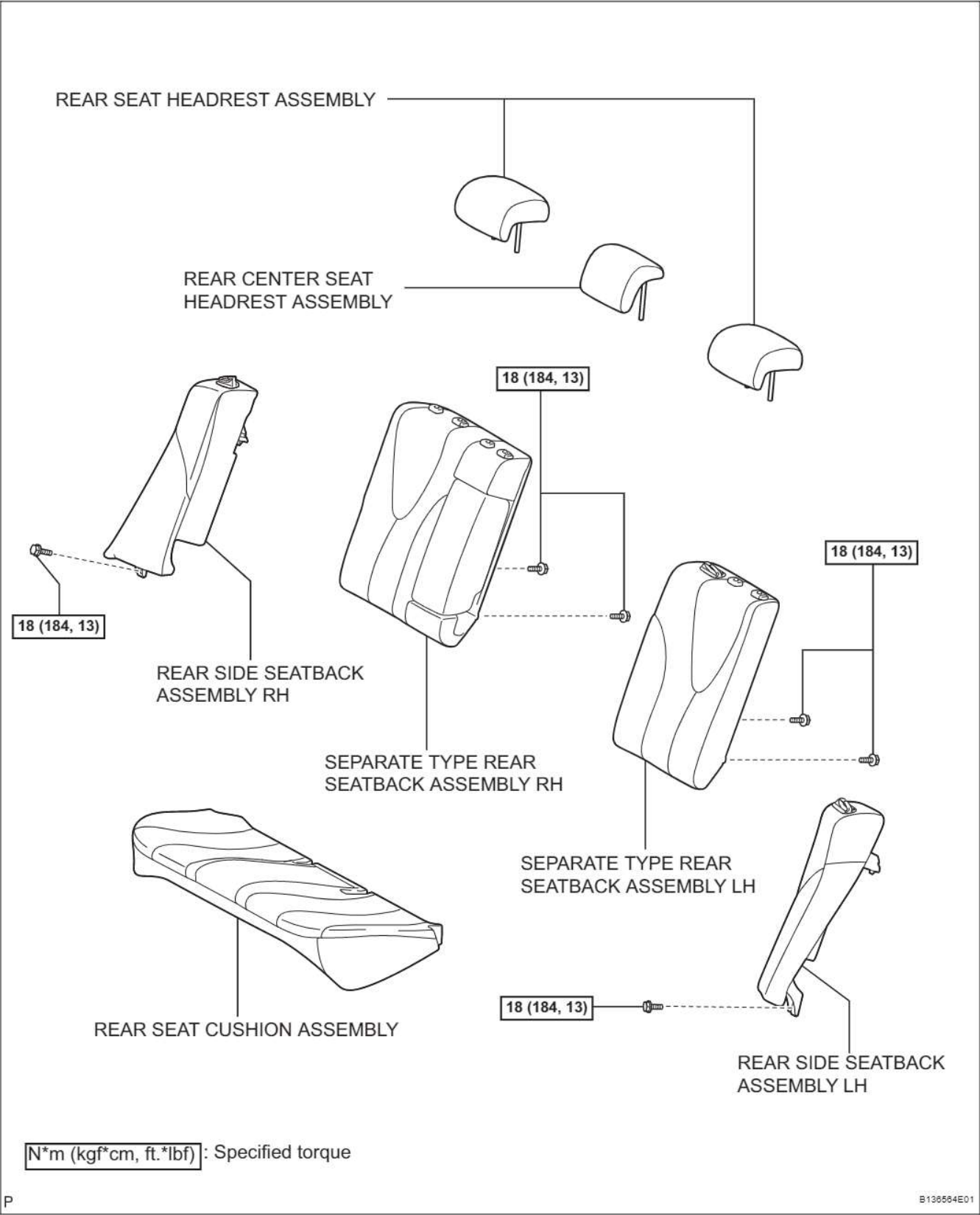
ED

If the result is not as specified, replace the luggage compartment door lock assembly.



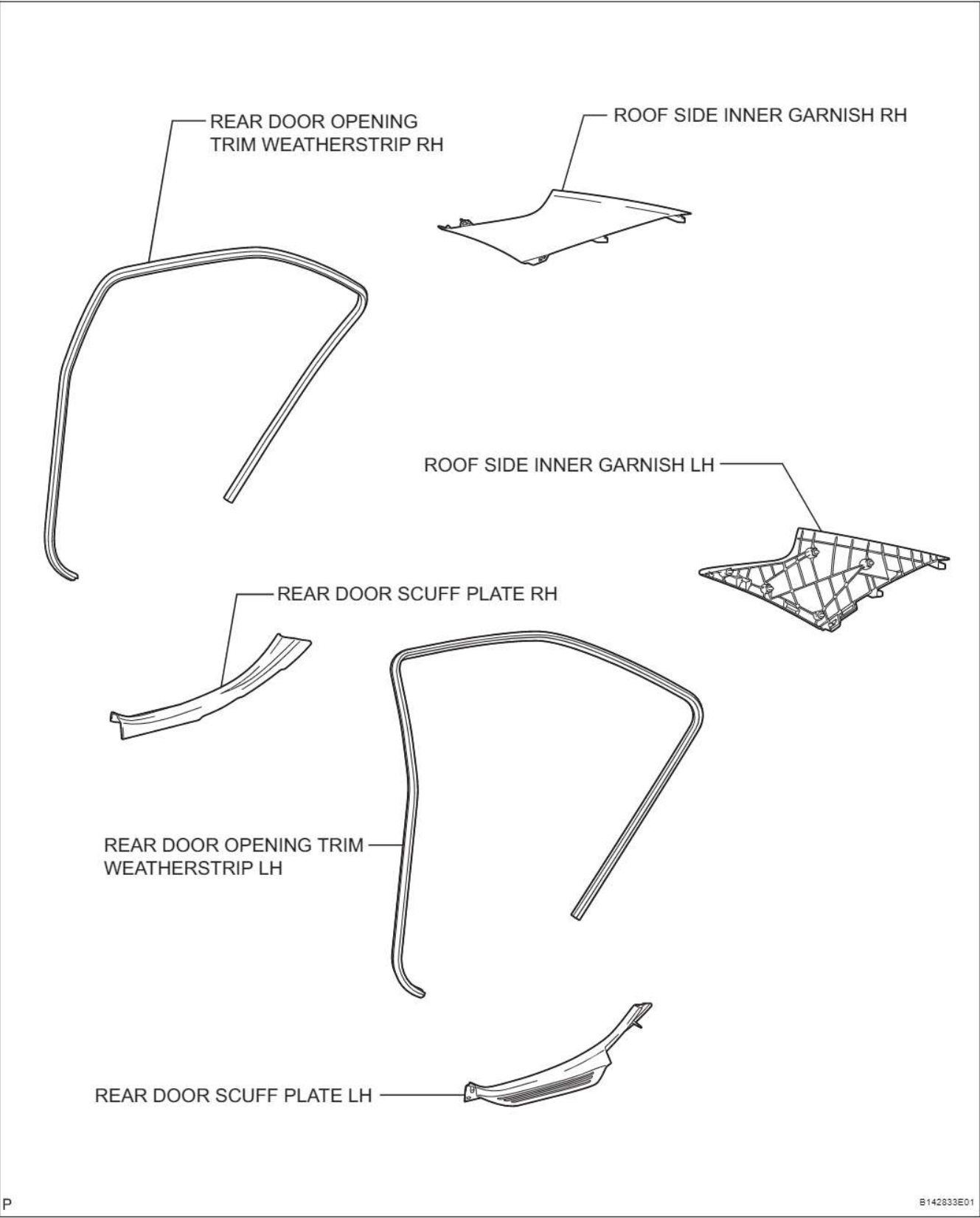
LUGGAGE DOOR HINGE TORSION BAR

COMPONENTS



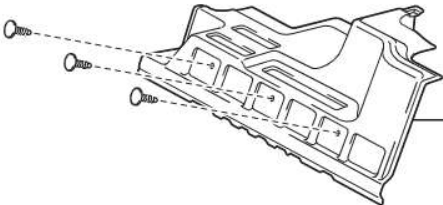
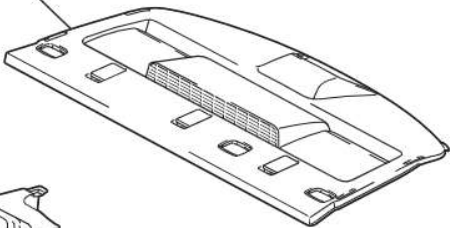
ED-92

ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR



ED

PACKAGE TRAY TRIM PANEL ASSEMBLY



LUGGAGE COMPARTMENT
FRONT TRIM COVER



REAR SEAT SHOULDER
BELT COVER



REAR SEAT SHOULDER
BELT COVER



REAR SEAT OUTER
BELT ASSEMBLY

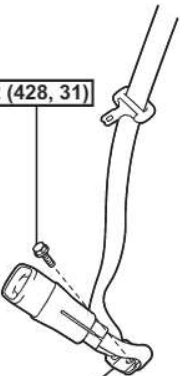


REAR SEAT SHOULDER
BELT HOLE COVER

42 (428, 31)

REAR SEAT INNER WITH
CENTER BELT ASSEMBLY LH

42 (428, 31)



18 (184, 13)



CHILD RESTRAINT SEAT ANCHOR
BRACKET SUB-ASSEMBLY LH

42 (428, 31)

REAR SEAT OUTER
BELT ASSEMBLY

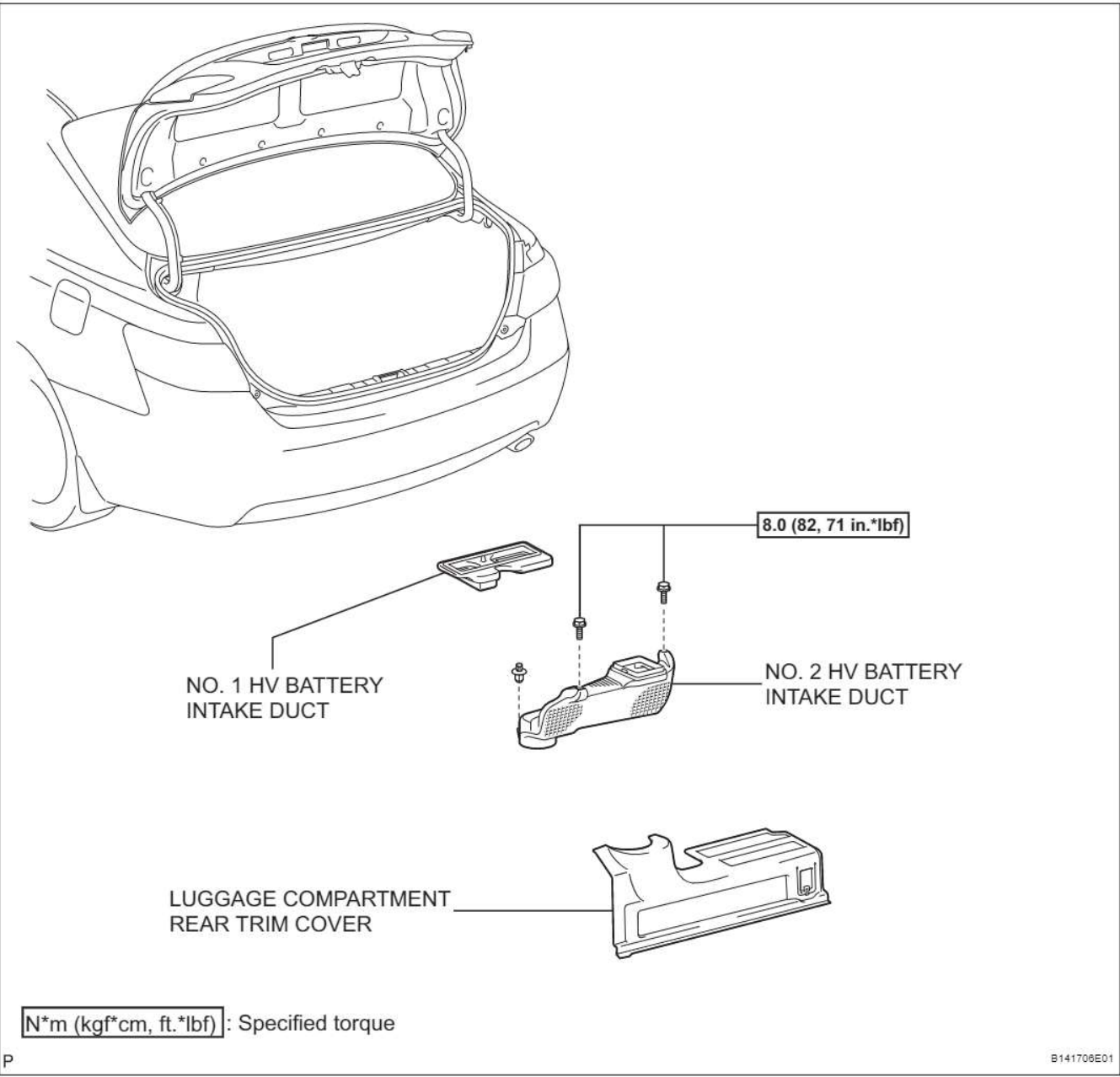
N*m (kgf*cm, ft.*lbf) : Specified torque

P

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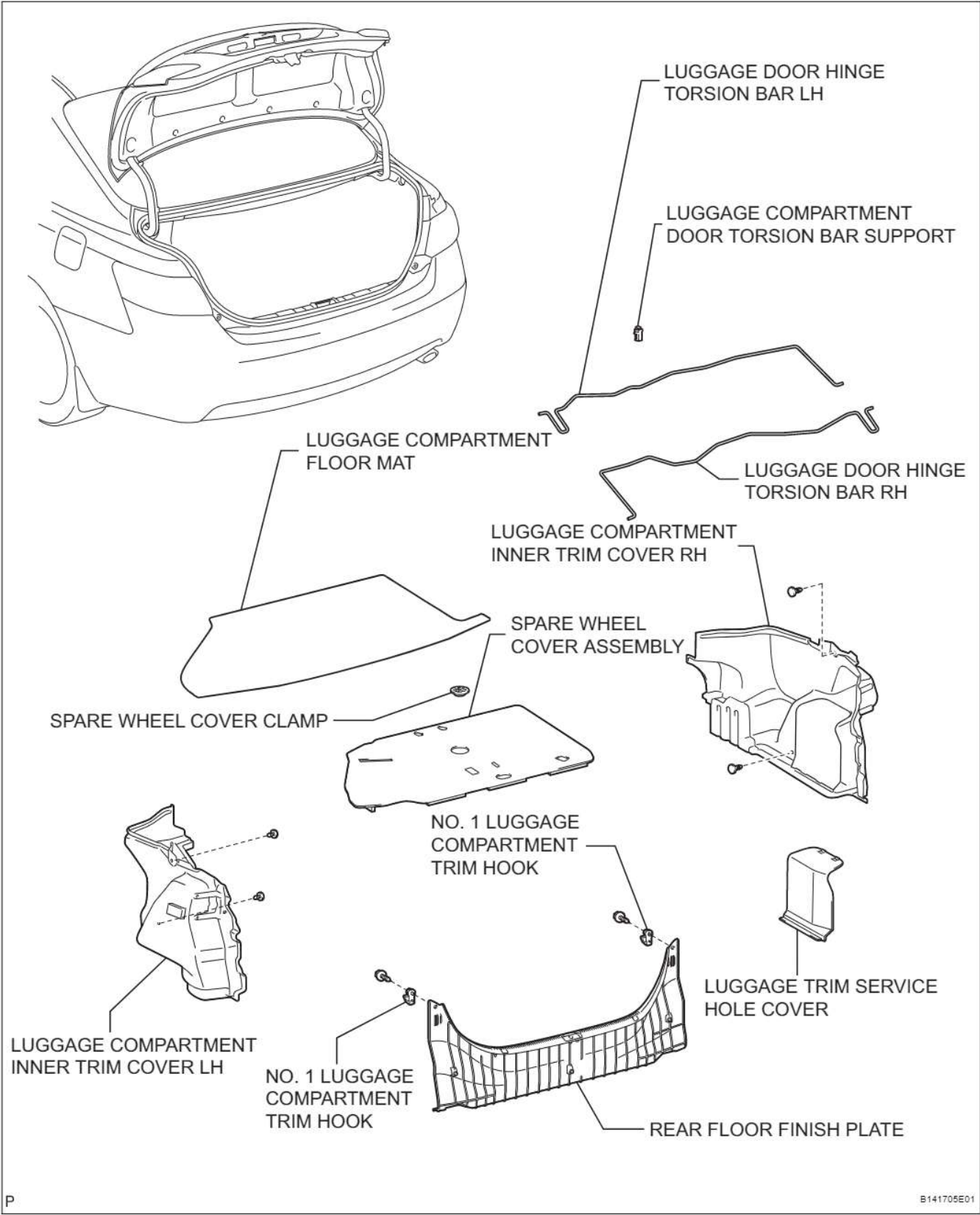
ED-94

ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR



ENGINE HOOD / DOOR – LUGGAGE DOOR HINGE TORSION BAR

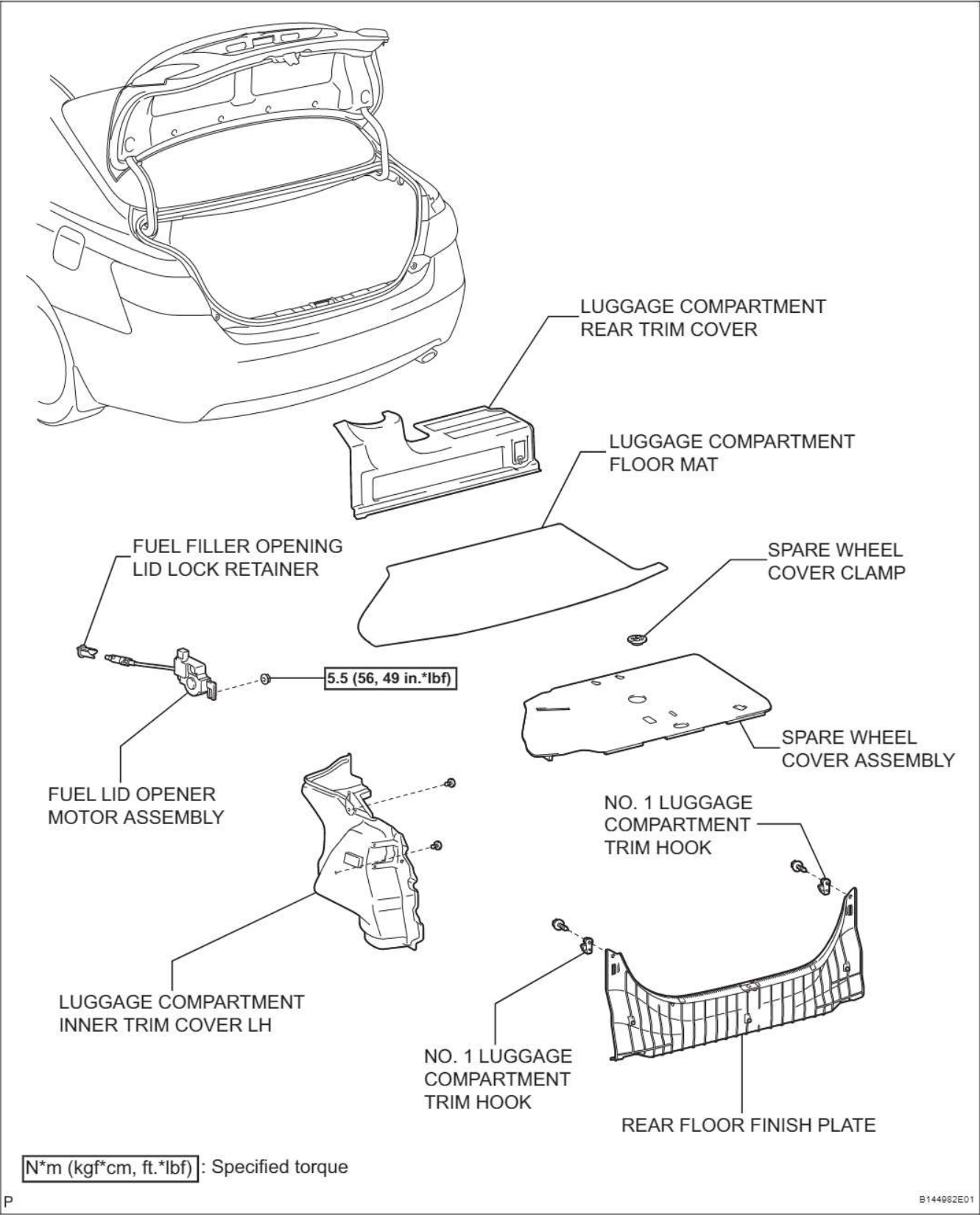
ED-95



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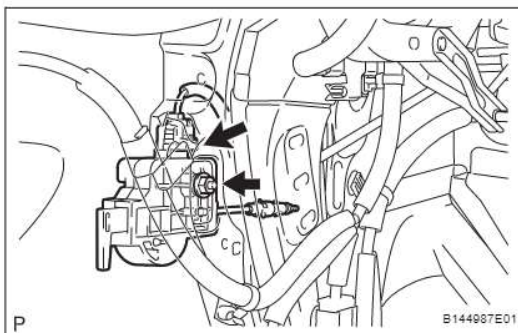
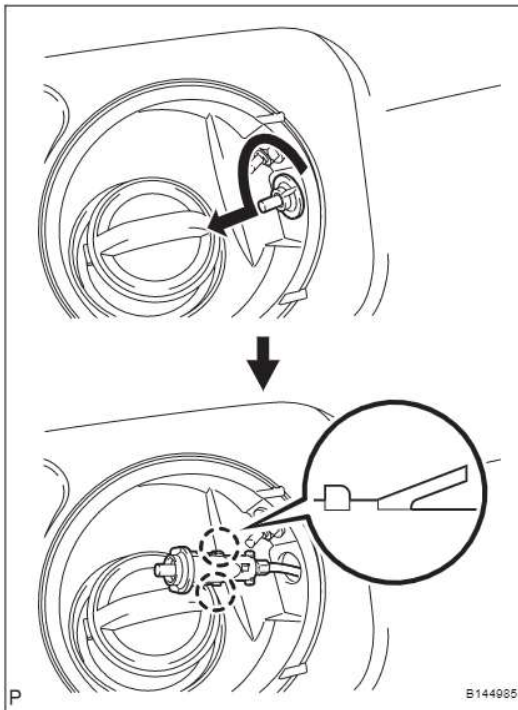
FUEL LID OPENER MOTOR ASSEMBLY

COMPONENTS



ED-106**ENGINE HOOD / DOOR – FUEL LID OPENER MOTOR ASSEMBLY****REMOVAL**

1. REMOVE LUGGAGE COMPARTMENT FLOOR MAT
2. REMOVE SPARE WHEEL COVER CLAMP
3. REMOVE SPARE WHEEL COVER ASSEMBLY
4. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM HOOK (See page [ED-97](#))
5. REMOVE REAR FLOOR FINISH PLATE (See page [ED-97](#))
6. REMOVE LUGGAGE COMPARTMENT REAR TRIM COVER (See page [ED-97](#))
7. REMOVE LUGGAGE COMPARTMENT INNER TRIM COVER LH (See page [ED-97](#))
8. REMOVE FUEL FILLER OPENING LID LOCK RETAINER
 - (a) Turn the fuel filler opening lid lock retainer as shown in the illustration and pull it toward the front of the vehicle.
 - (b) Disengage the 2 claws and remove the fuel filler opening lid lock retainer.
9. REMOVE FUEL LID OPENER MOTOR ASSEMBLY
 - (a) Remove the nut and fuel lid opener motor assembly.
 - (b) Disconnect the connector.

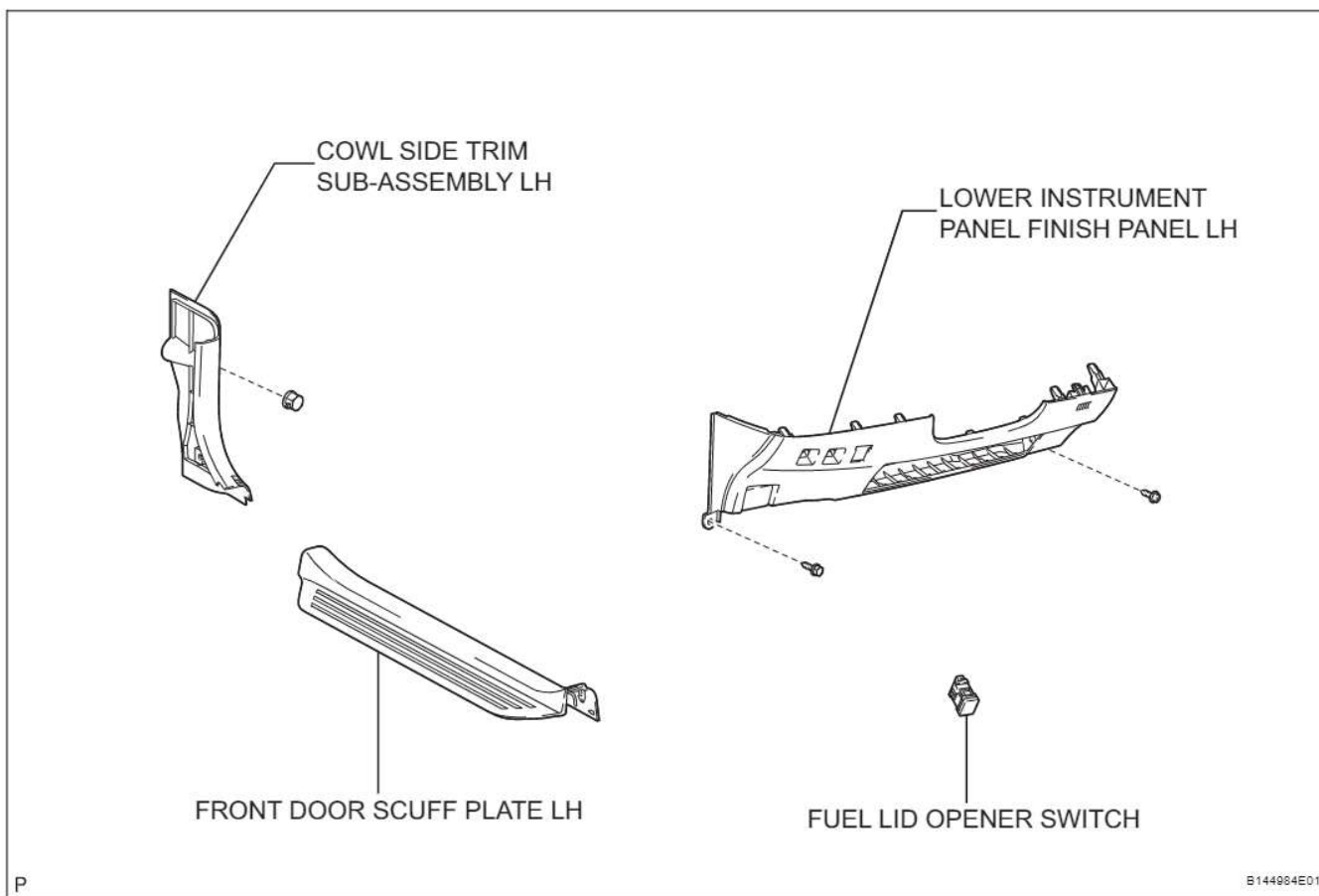


ED-108

ENGINE HOOD / DOOR – FUEL LID OPENER SWITCH

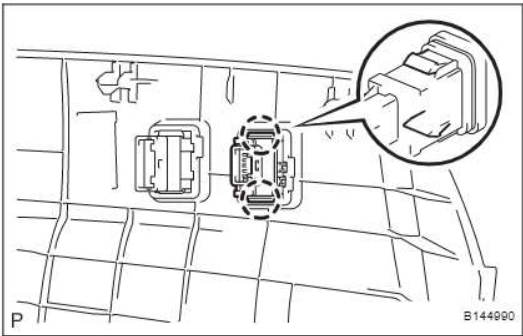
FUEL LID OPENER SWITCH

COMPONENTS

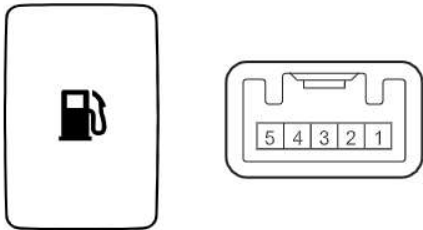
**ED**

REMOVAL

- 1. REMOVE FRONT DOOR SCUFF PLATE LH (See page [IR-13](#))
- 2. REMOVE COWL SIDE TRIM SUB-ASSEMBLY LH (See page [IR-14](#))
- 3. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL LH (See page [IP-11](#))
- 4. REMOVE FUEL LID OPENER SWITCH
 - (a) Disengage the 2 claws and remove the fuel lid opener switch.



Fuel Lid Opener Switch:



INSPECTION

- 1. INSPECT FUEL LID OPENER SWITCH
 - (a) Check the fuel lid opener switch resistance.

Standard resistance

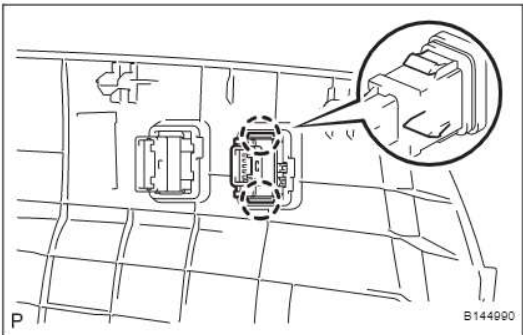
Tester Connection	Switch Position	Specified Condition
1 - 4	Fuel lid opener switch is not pressed	10 kΩ or higher
1 - 4	Fuel lid opener switch is pressed	Below 1 Ω

If the result is not as specified, replace the fuel lid opener switch.

ED

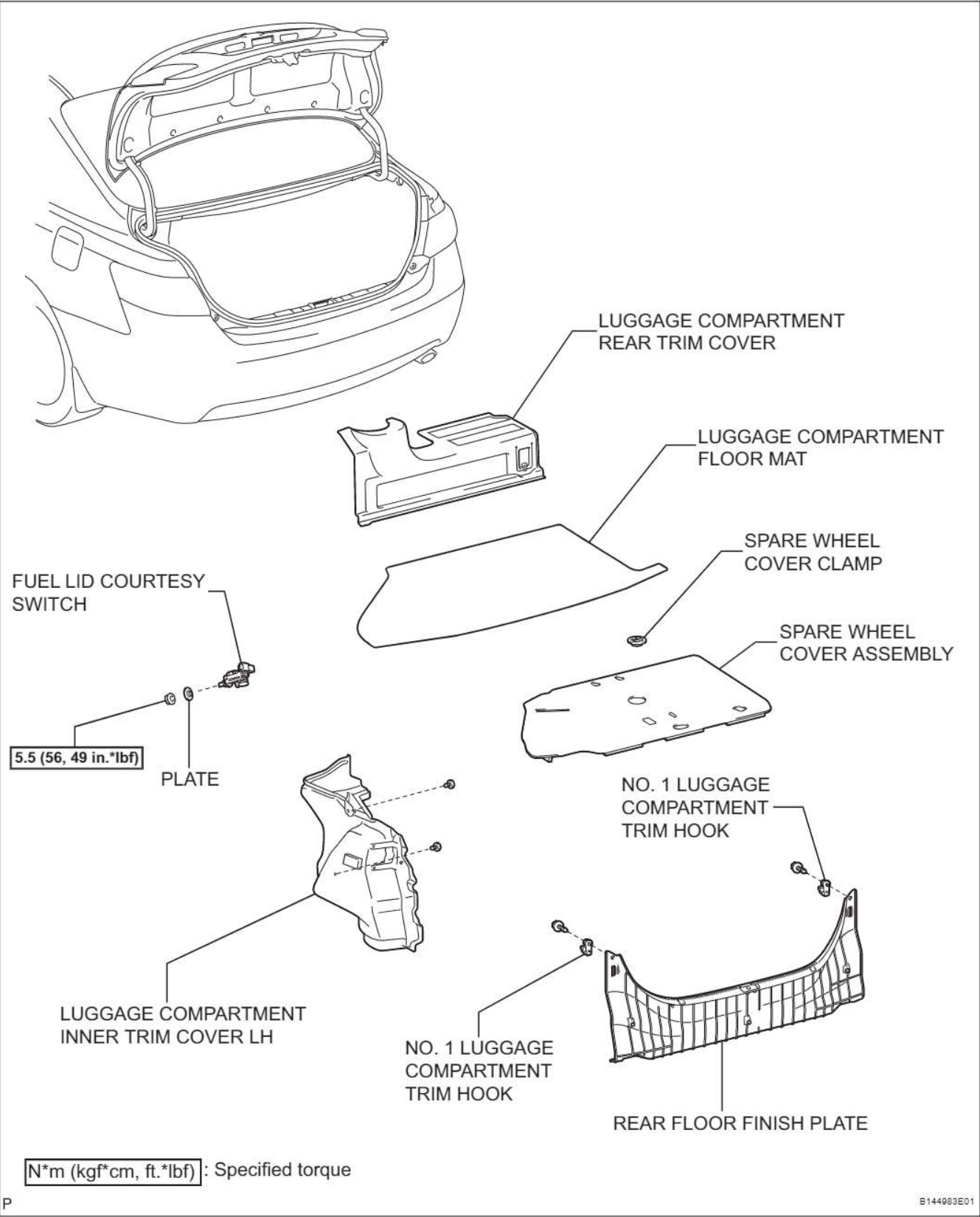
INSTALLATION

- 1. INSTALL FUEL LID OPENER SWITCH
 - (a) Engage the 2 claws and install the fuel lid opener switch.
- 2. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL LH (See page [IP-35](#))
- 3. INSTALL COWL SIDE TRIM SUB-ASSEMBLY LH (See page [IR-41](#))
- 4. INSTALL FRONT DOOR SCUFF PLATE LH (See page [IR-41](#))



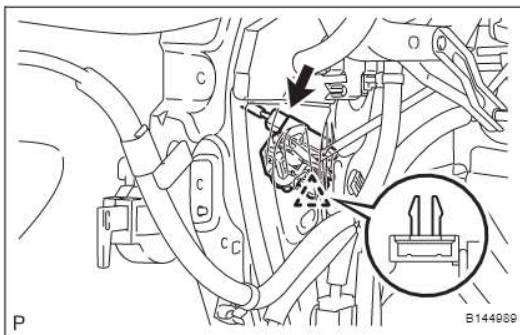
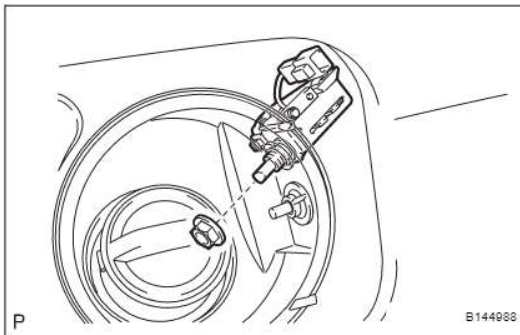
ED-110 ENGINE HOOD / DOOR – FUEL LID COURTESY SWITCH

FUEL LID COURTESY SWITCH COMPONENTS



REMOVAL

1. REMOVE LUGGAGE COMPARTMENT FLOOR MAT
2. REMOVE SPARE WHEEL COVER CLAMP
3. REMOVE SPARE WHEEL COVER ASSEMBLY
4. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM HOOK (See page [ED-97](#))
5. REMOVE REAR FLOOR FINISH PLATE (See page [ED-97](#))
6. REMOVE LUGGAGE COMPARTMENT REAR TRIM COVER (See page [ED-97](#))
7. REMOVE LUGGAGE COMPARTMENT INNER TRIM COVER LH (See page [ED-97](#))
8. REMOVE FUEL LID COURTESY SWITCH
 - (a) Remove the nut and plate from outside of the vehicle.



- (b) Disconnect the connector and clamp from the cabin side and remove the fuel lid courtesy switch.

ED