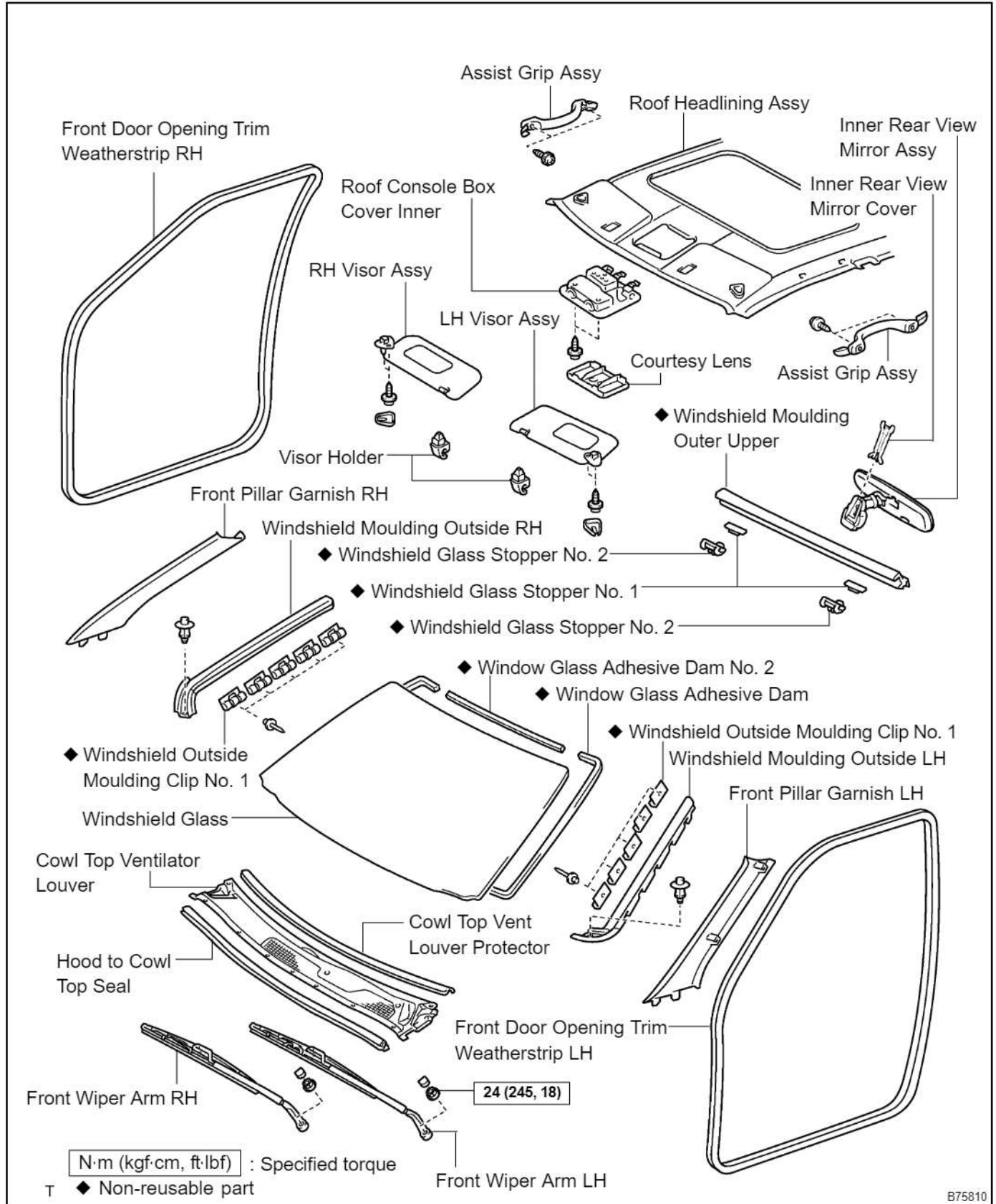


WINDSHIELD GLASS COMPONENTS

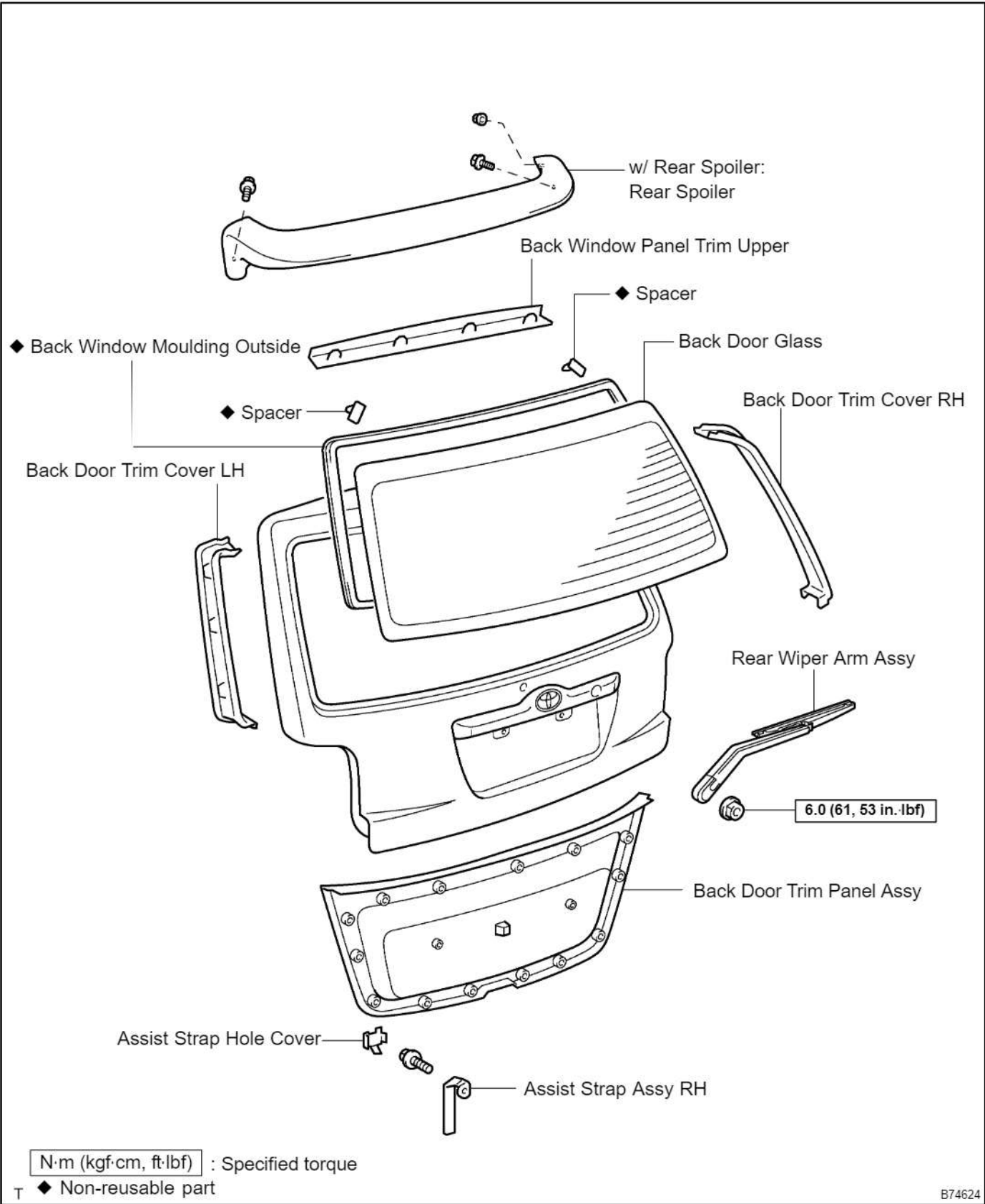
700AE-03



B75810

BACK DOOR GLASS COMPONENTS

700AF-03

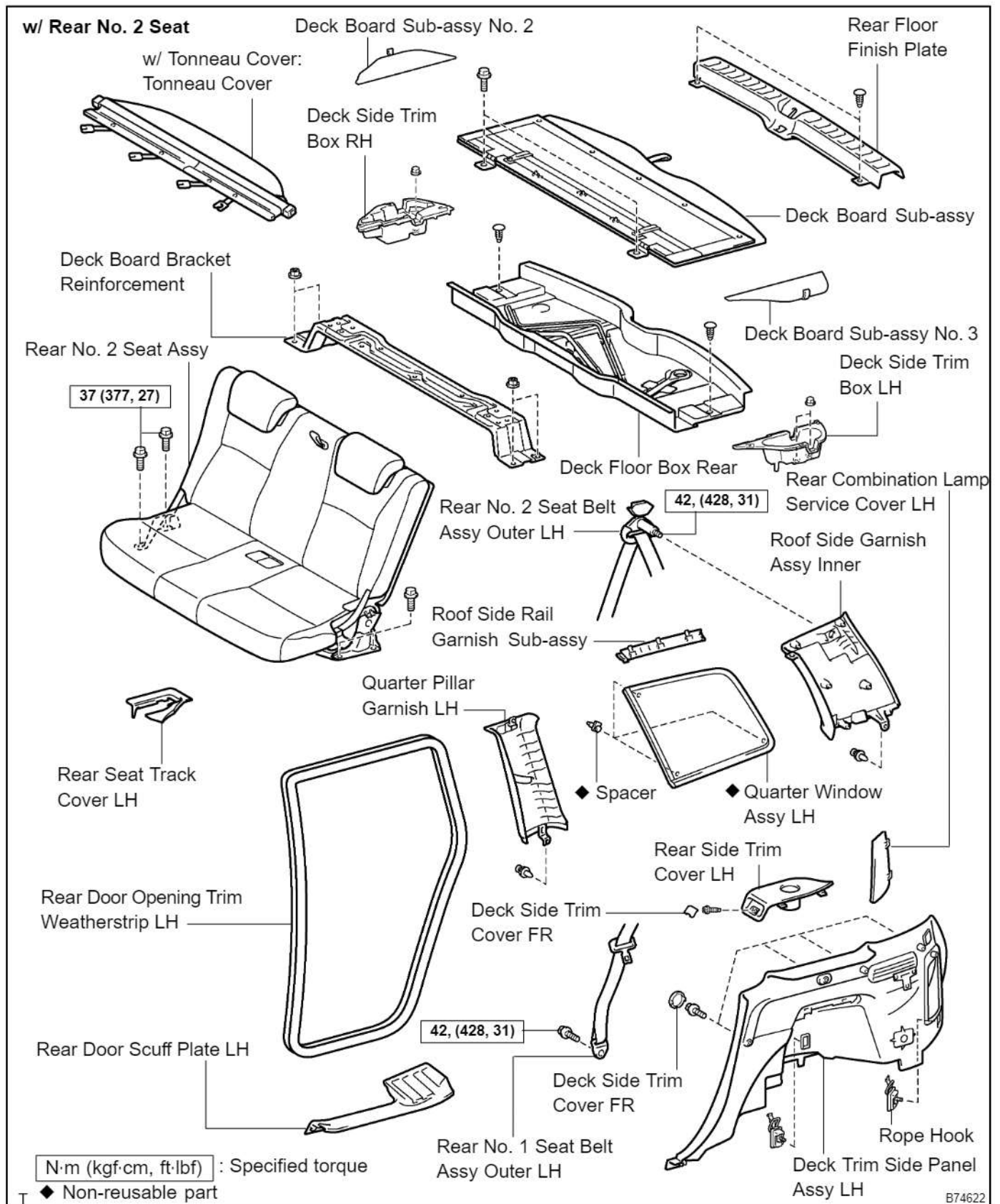


B74624

QUARTER WINDOW ASSY LH

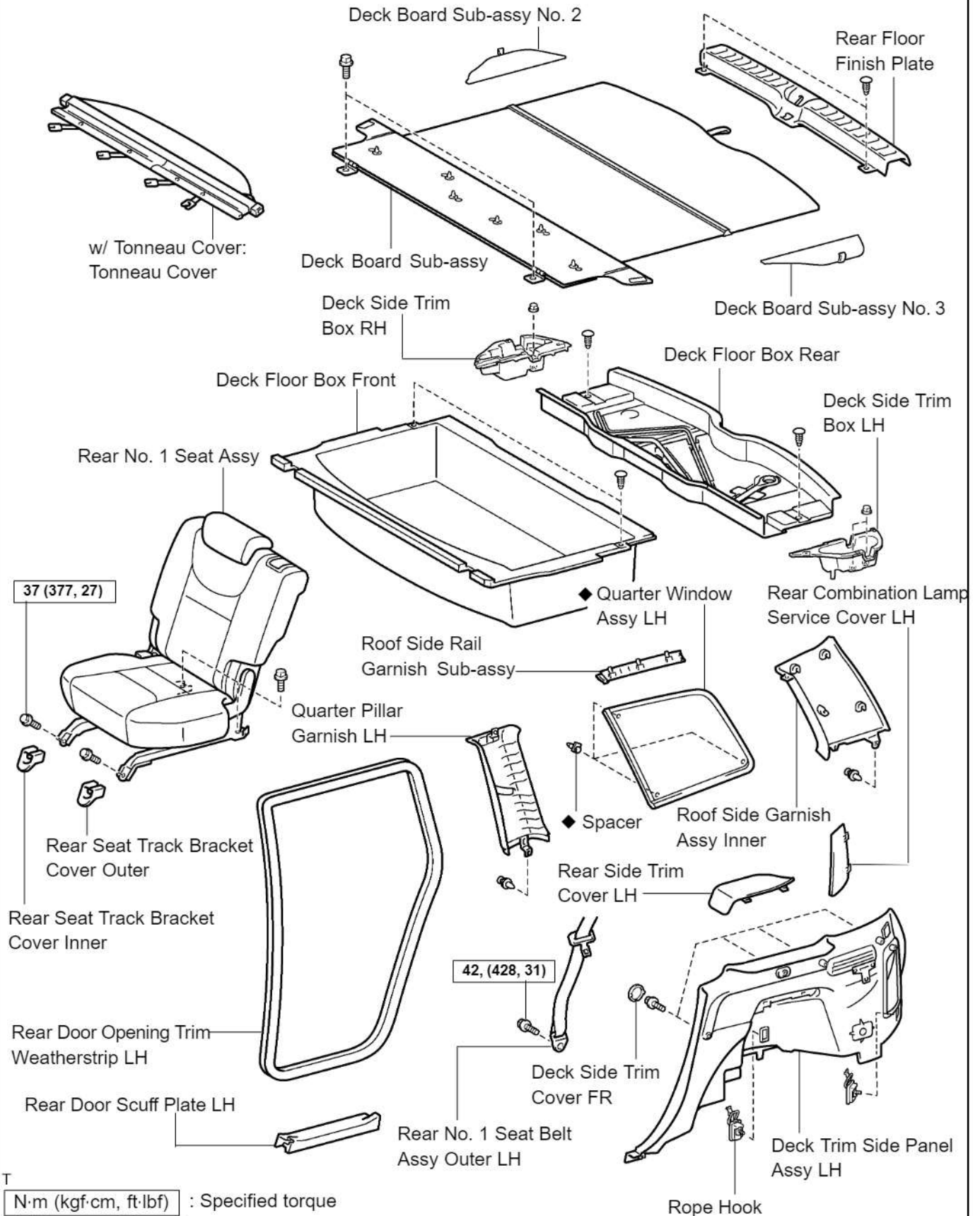
COMPONENTS

7012U-01



B74622

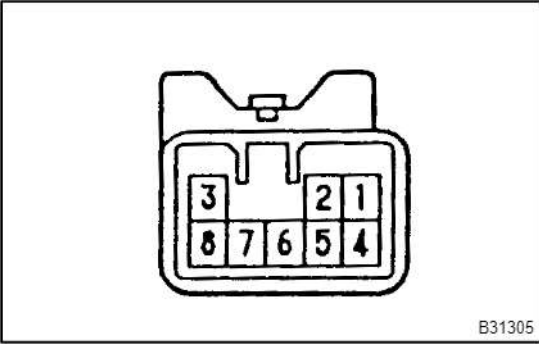
w/o Rear No. 2 Seat



T
N·m (kgf·cm, ft·lbf) : Specified torque
◆ Non-reusable part

B74623

INSPECTION



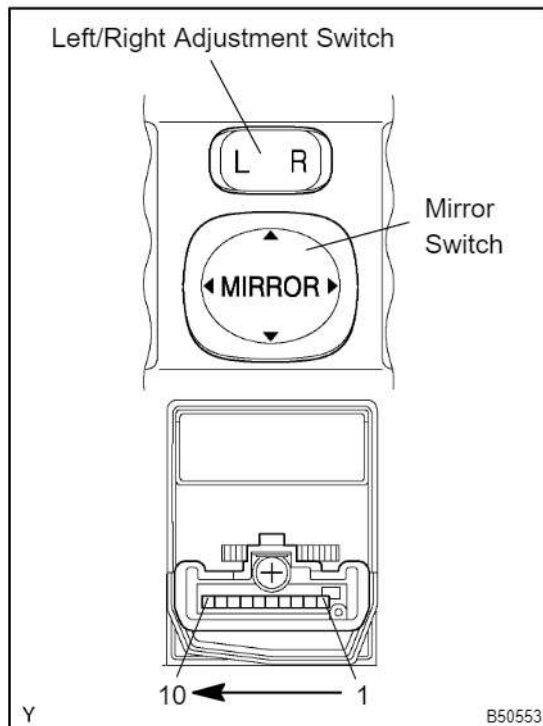
- 1. **INSPECT POWER WINDOW REGULATOR SWITCH ASSY**
 - (a) Check continuity.
 - (1) Check the continuity between the terminals when battery voltage is applied to terminals 1 and 8.

Standard:

Switch operation	Measurement condition	Specified condition
UP	Battery positive - Terminal 8 Battery negative - Terminal 1	Continuity between terminals 3 - 7 Continuity between terminals 1 - 6
DOWN	Battery positive - Terminal 8 Battery negative - Terminal 1	Continuity between terminals 1 - 3 Continuity between terminals 6 - 7

If the continuity is not as specified, replace the switch.

INSPECTION



1. INSPECT OUTER MIRROR SWITCH ASSY

(a) Inspect the mirror switch continuity.

- (1) Turn to the left/right adjustment switch to the L position.

Inspect the left side mirror switch continuity.

Tester connection	Switch position	Specified condition
-	OFF	No continuity
4 ⇔ 8 6 ⇔ 7	UP	Continuity
4 ⇔ 7 6 ⇔ 8	DOWN	Continuity
5 ⇔ 8 6 ⇔ 7	LEFT	Continuity
5 ⇔ 7 6 ⇔ 8	RIGHT	Continuity

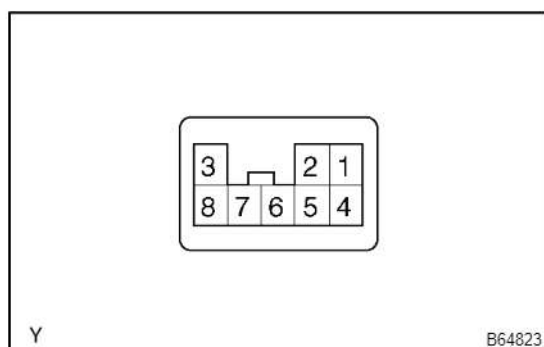
If the continuity is not as specified, replace the switch.

- (2) Turn to the left/right adjustment switch to the R position.

Inspect the right side mirror switch continuity.

Tester connection	Switch position	Specified condition
-	OFF	No continuity
3 ⇔ 8 6 ⇔ 7	UP	Continuity
3 ⇔ 7 6 ⇔ 8	DOWN	Continuity
2 ⇔ 8 6 ⇔ 7	LEFT	Continuity
2 ⇔ 7 6 ⇔ 8	RIGHT	Continuity

If the continuity is not as specified, replace the switch.



2. INSPECT OUTER REAR VIEW MIRROR ASSY RH

(a) Inspect operation of the mirror motor.

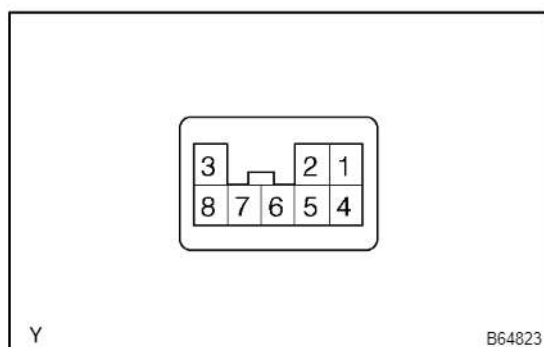
Battery connection	Mirror operation
Positive (+) - 6 Negative (-) - 5	Upward
Positive (+) - 5 Negative (-) - 6	Downward
Positive (+) - 4 Negative (-) - 5	Left
Positive (+) - 5 Negative (-) - 4	Right

(b) Check operation of the mirror heater.

- (1) Check the mirror between terminals 7 and 8 of the connector.

Standard: continuity

- (2) Check that the mirror is warmed up when connecting the battery positive (+) to terminal 7 and the battery negative (-) to terminal 8 of the connector.



3. INSPECT OUTER REAR VIEW MIRROR ASSY LH

(a) Inspect operation of the mirror motor.

Battery connection	Mirror position
Positive (+) - 6 Negative (-) - 5	Turn upward
Positive (+) - 5 Negative (-) - 6	Turn downward
Positive (+) - 4 Negative (-) - 5	Turn left
Positive (+) - 5 Negative (-) - 4	Turn right

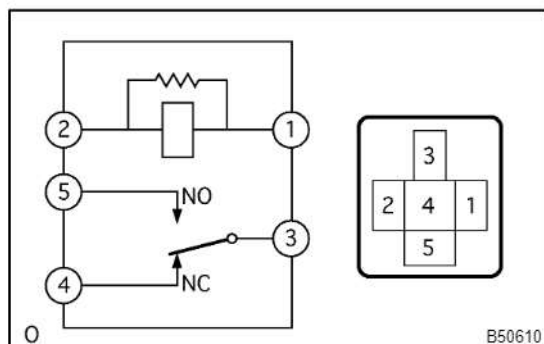
(b) Check operation of the mirror heater.

- (1) Check the mirror between terminals 7 and 8 of the connector.

Standard: continuity

- (2) Check that the mirror is warmed up when connecting the battery positive (+) to terminal 7 and the battery negative (-) to terminal 8 of the connector.

INSPECTION



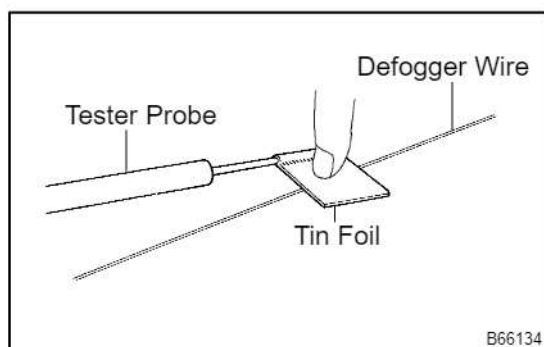
1. INSPECT DEFOGGER RELAY

(a) Inspect the defogger relay (Marking: DEF) continuity.

Condition	Tester connection	Specified condition
Constant	1 - 2 3 - 4	Continuity
Apply B+ between terminals 1 and 2.	3 - 5	Continuity

If the continuity is not as specified, replace the relay.

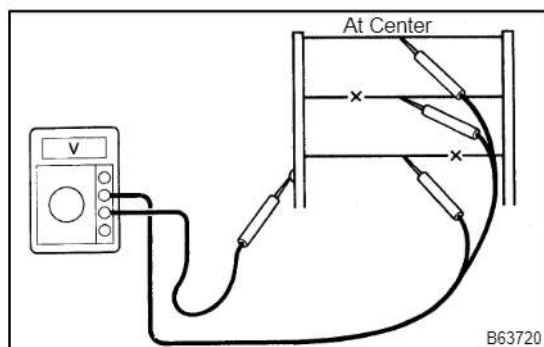
2. INSPECT AIR CONDITONER CONTROL ASSY (SEE PAGE 55-7)



3. INSPECT BACK WINDOW (DEFOGGER WIRE)

NOTICE:

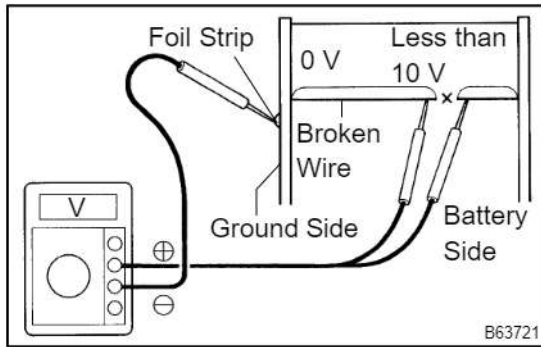
- When cleaning the glass, wipe the glass along the wire using a soft and dry cloth. Take care not to damage the wires.
- Do not use detergents or glass cleaners including abrasive ingredients.
- When measuring voltage, wrap a piece of tin foil around the tip of the negative tester probe and press the foil against the wire with your finger, as shown in the illustration.



- Turn the ignition switch ON.
- Turn the defogger switch ON.
- Check the voltage at the center of each defogger wire, as shown in the illustration.

Standard:

Voltage	Criteria
Approx. 5 V	Okay, wire is not broken
Approx. 10 V or 0 V	Wire is broken

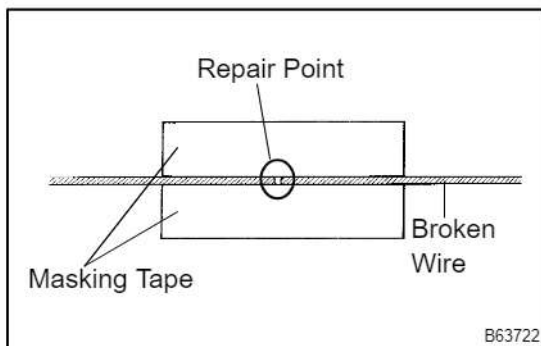
**HINT:**

If there is approx 10 V, the wire may be broken between the center of the wire and the end on the battery side. If there is no voltage, the wire may be broken between the center of the wire and the end on the ground side.

- (d) Place the voltmeter positive (+) lead against the defogger wire on the battery side.
- (e) Place the voltmeter negative (-) lead with the foil strip against the wire on the ground side.
- (f) Slide the positive (+) lead from the battery side to the ground side.
- (g) The point where the voltmeter deflects from approx 10 V to 0 V is the place where the defogger wire is broken.

HINT:

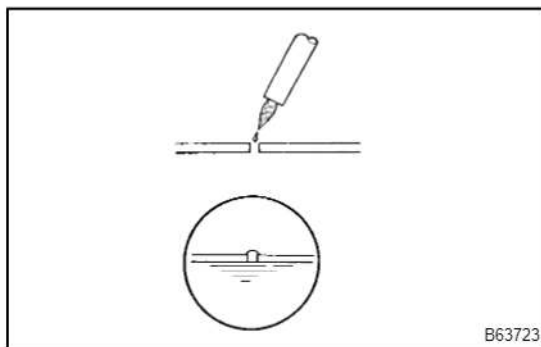
If the defogger wire is not broken, the voltmeter indicates 0 V at the positive (+) end of the defogger wire but gradually increases to approx 12 V as the meter probe moves to the other end.



- (h) If necessary, repair the defogger wire.
 - (1) Clean the broken wire tips with grease, wax and silicone remover.
 - (2) Place the masking tape along both sides of the wire.
 - (3) Thoroughly mix the repair agent (Dupont paste No. 4817).
 - (4) Using a fine tip brush, apply a small amount of the agent to the wire.
 - (5) After a few minutes, remove the masking tape.

NOTICE:

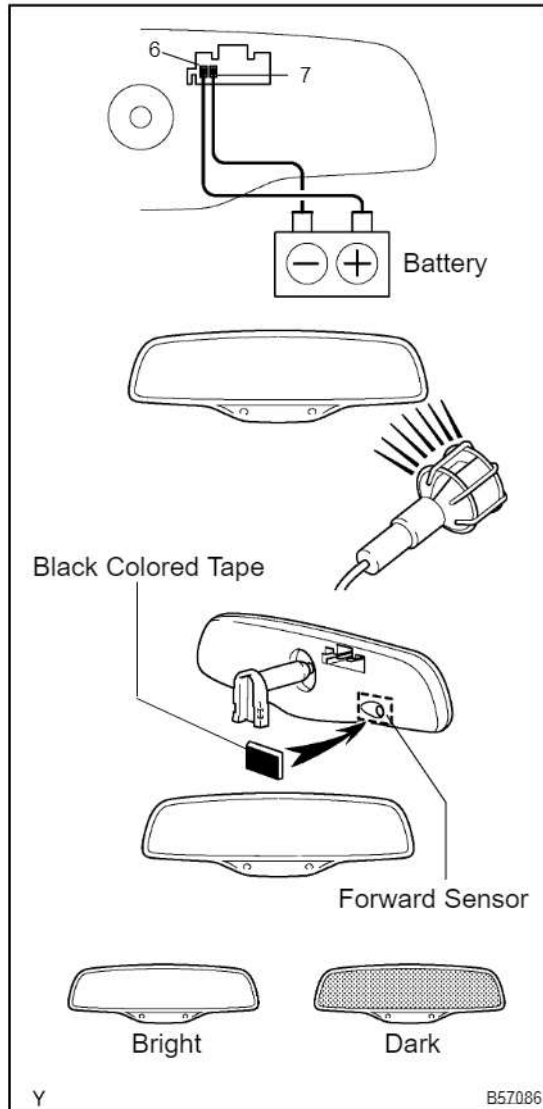
Do not repair the defogger wire again for at least 24 hours.



INSPECTION

HINT:

EC mirror stands for electrochromic mirror.



1. w/ EC mirror:

INSPECT INNER REAR VIEW MIRROR ASSY

- (a) Inspect operation of the electrochromic inner rear view mirror.
 - (1) Connect the battery's positive (+) lead to terminal 6 and the battery's negative (-) lead to terminal 7.
 - (2) Attach black colored tape to the forward sensor to prevent it from sensing.
 - (3) Light up the mirror with an electric light, and check that the mirror surface changes from bright to dark.
- If the result is not as specified, replace the mirror assy.

POWER WINDOW CONTROL SYSTEM

7002Q-03

ON-VEHICLE INSPECTION

1. INSPECT POWER WINDOW

NOTICE:

The initial condition that the customizing function is not chosen by the hand-held tester is shown.

- (a) Check the basic function (Manual operation function).
 - (1) Turn the ignition switch ON.
 - (2) Check that the door glass move up when the power window regulator master switch is pulled UP halfway and moves down when the switch is pushed DOWN halfway.
 - (3) Check that the door glass moves up when the power window regulator switch of each door is pulled UP, and moves down when the switch is pushed DOWN.
 - (4) Check that the door glasses other than the driver side door glass do not operate when the window lock switch is turned to LOCK.
- (b) Check the automatic operation function (Only driver side door glass).
 - (1) Turn the ignition switch ON.
 - (2) Check that the AUTO UP function operates to fully close the door glass when the power window regulator master switch is pulled UP fully.
 - (3) Check that the AUTO DOWN function operates to fully open the door glass when the power window regulator master switch is pushed DOWN fully.
 - (4) Check that the door glass will stops when the applicable window switch is pulled UP during the AUTO DOWN operation side, (However, if the UP and DOWN operations are continued, it will change is pushed to manual operation).
 - (5) Check that the door glass stop when the applicable window switch change is pushed DOWN during AUTO UP operation (However, if the UP and DOWN operations are continued, it will change is pushed to manual operation).
- (c) Check the operation function after key-off.
 - (1) After turning the ignition switch from ON to OFF, check that each door glass can be operated via the power window regulator master switch. Also, check that operation is disabled after the driver door is opened then closed once.
 - (2) After turning the ignition switch from ON to OFF, check that the power window regulator master switch is unable to operate the door glass approximately 45 seconds later.
 - (3) After turning the ignition switch from ON to OFF with the driver side door open, check that AUTO UP or AUTO DOWN function keeps operating until the door is fully open or fully closed even when the door is closed in the middle of the middle of operation. Also check that power window operation is disabled after operation has ended.
- (d) Check the operation function by driver side door key operation (Operation interlocked with key).
 - (1) Check that the driver side door glass moves down when the door lock cylinder is held in the UNLOCK position for 2 seconds or more by key operation. Also, check that the door glass stops when the door lock cylinder is turned back to the original position.
 - (2) Check that the driver side door glass moves up when the door lock cylinder is held in the LOCK position for 2 seconds or more by key operation. Also, check that the door glass stops when the door lock cylinder is turned back to the original position.

(e) Check the jam protection function (Only driver side door glass).

NOTICE:

- Do not check this function using a part of your body such as a hand. Also, pay thorough attention that nothing gets caught by accident in this process.
- If the power window regulator motor assembly has just been reset, raise and lower the door glass several times using AUTO operation before performing check.

HINT:

The jam protection function works during the following UP operations; AUTO UP, UP after key-OFF, AUTO UP after key-OFF, UP interlocked with key.



- (1) Fully open the door glass.
- (2) Insert the handle of the hammer when the door glass is almost in the fully closed position.
- (3) Try to fully close the door glass with AUTO UP operation, and check that the door glass moves down about 200 mm (7.87 in.) and stops there, so that hammer handle is not caught.

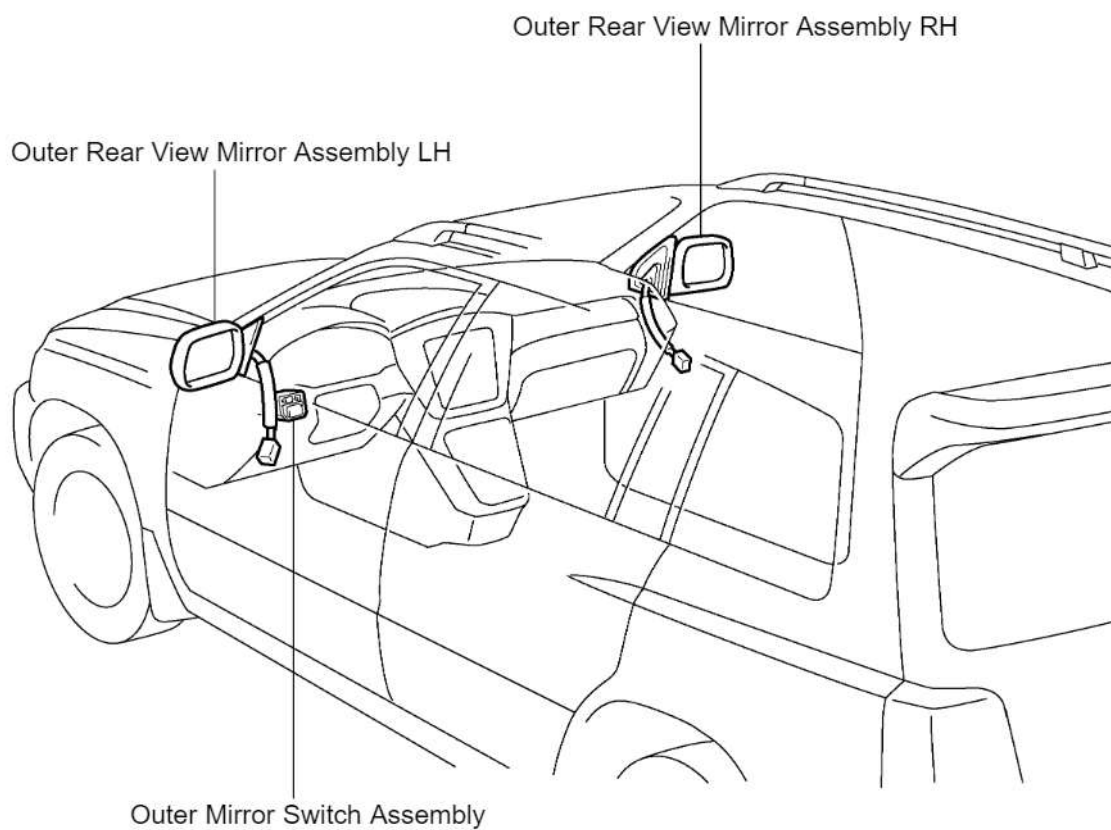
HINT:

The window goes down by about 50 mm or for 1 second. However, when the opening between the glass and body is less than 200 mm, the door glass goes down by 200 mm or keeps going down for 5 seconds, and then stops.

- (4) During DOWN operation, check that the door glass does not move up even when the applicable window switch is pulled UP.

POWER MIRROR CONTROL SYSTEM LOCATION

70023-04

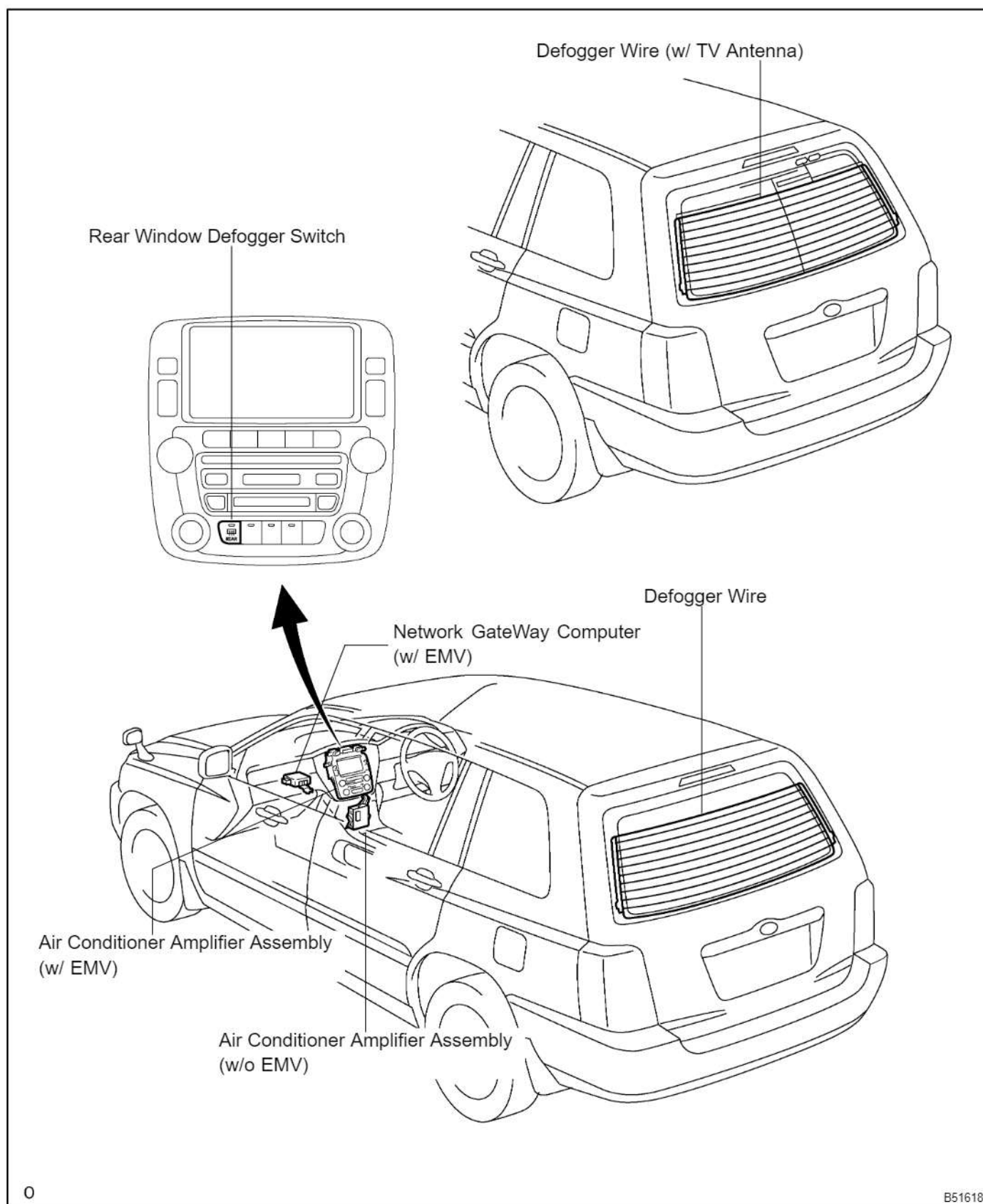


0

B51419

DEFOGGER SYSTEM LOCATION

7002G-06



PRE-CHECK

1. SELECT COMPASS DISPLAY MODE

- (a) The COMP switch allows you to select the "Display" or "Non-display" mode of the compass.

2. SET ZONE

- (a) The location of magnetic north and true north differs depending on the location. Adjustment of the compass's magnetism is required to correct possible compass deviations from true north. Each user must set a zone (refer to the Compass Zone Map). This will automatically adjust the compass to the magnetic conditions in the zone selected.

The zone setting can be changed using the inner rear view mirror COMP switch.

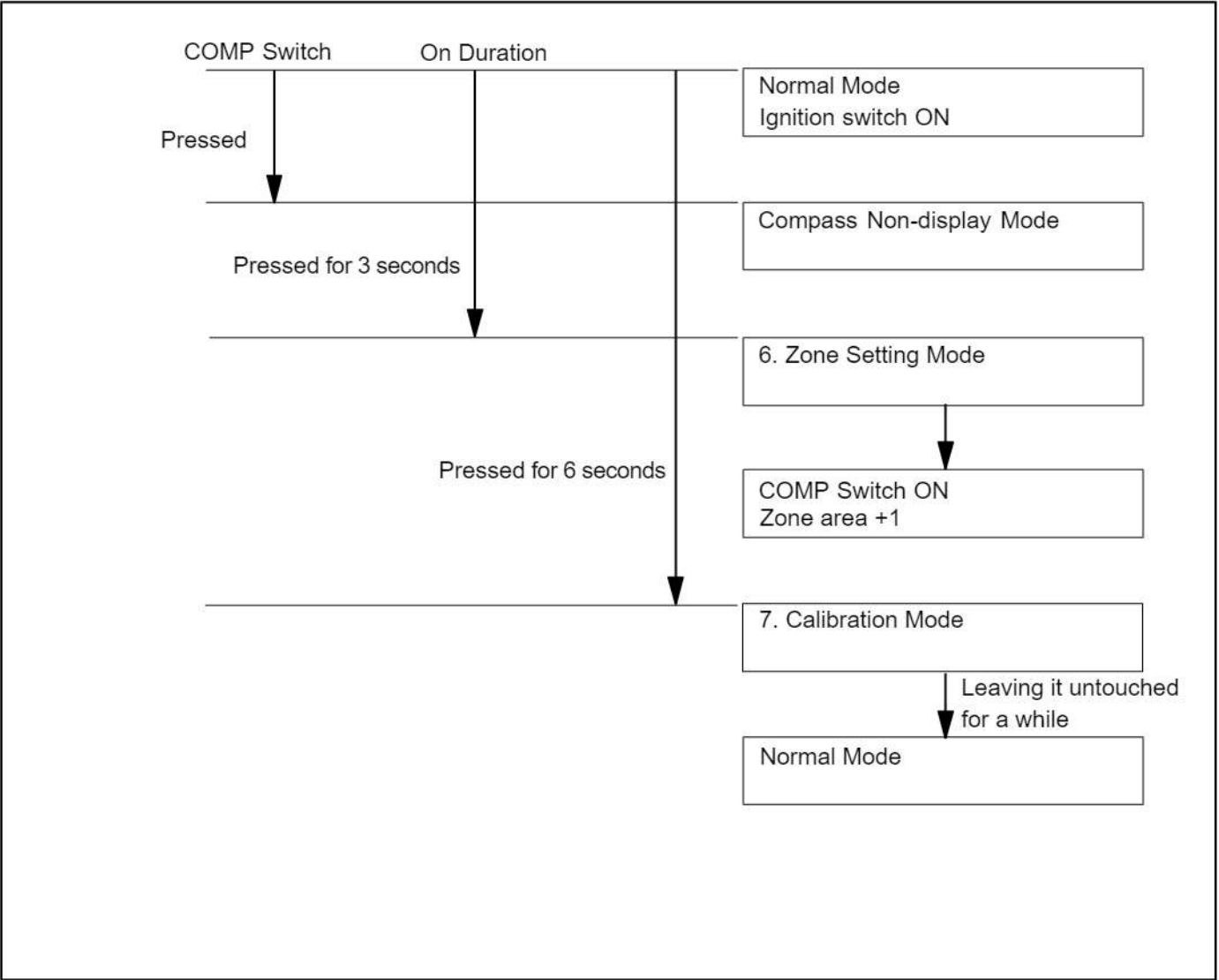
3. PERFORM CALIBRATION

- (a) Because each vehicle has its own magnetic field, calibration should be performed for each vehicle. This compass function is used when storing information about the vehicle's magnetic field.

4. WHEN COMPASS IS MAGNETIZED:

- (a) A compass may become magnetized during shipping by vessels or freight cars. Make sure to perform calibration and ensure that calibration is performed properly before delivery. If calibration cannot be completed despite driving the vehicle in a circle several times, the vehicle's magnetic field may be interfering with the calibration. Demagnetize the vehicle using a demagnetizer and perform calibration again.

5. SET COMPASS



6. ZONE SETTING MODE

- (a) Pressing the COMP switch for 3 seconds in the normal mode will activate the zone setting mode. A number (1 to 15) is displayed on the compass display.

HINT:

In the initial state, "8" is displayed.

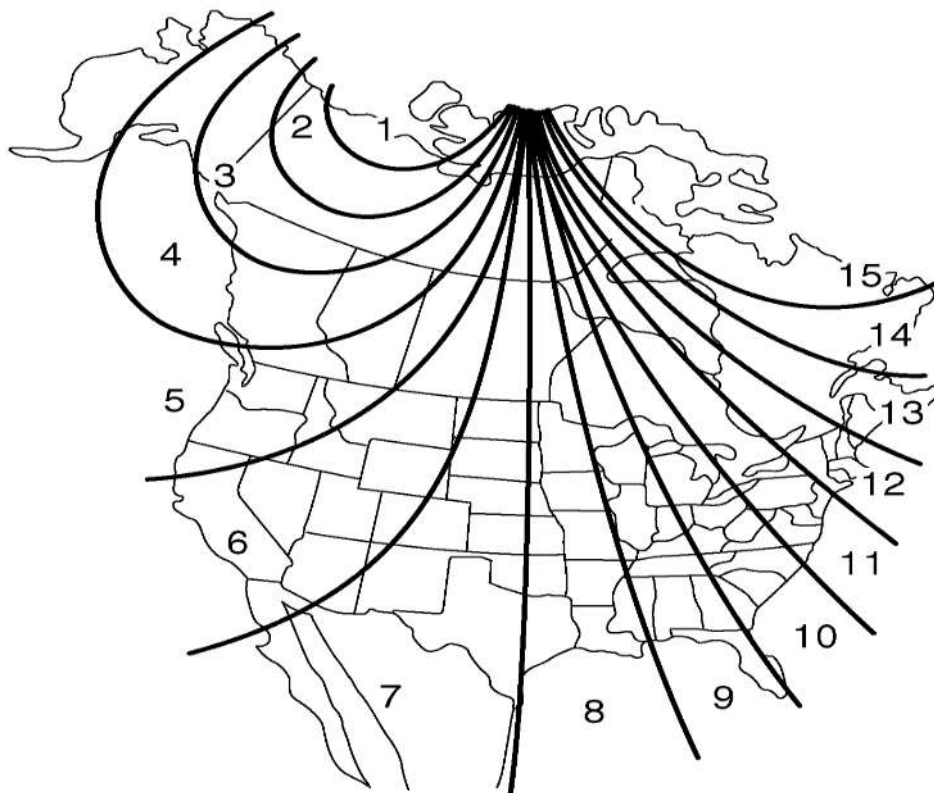
- (b) The displayed number increases by 1 every time the COMP switch is pressed. Referring to the map, check the number for the area where the vehicle will be used and set the zone number.
- (c) Do not touch the compass for several seconds after setting the zone. Check that the compass display shows an azimuthal direction (N, NE, E, SE, S, SW, W, or NW) or "C".

7. CALIBRATION SETTING MODE

- (a) Pressing the COMP switch for 6 seconds in the normal mode will activate the calibration setting mode.
- (b) Drive the vehicle at 8 km/h (5 mph) or less in a circle.
- (c) Driving in a circle 1 to 3 times will display the azimuthal direction on the display, completing the calibration.

HINT:

After the calibration is completed, it is not necessary to perform the above procedures unless the magnetic field strength of the vehicle drastically changes. If this happens, the azimuthal display will change to "C".



B77945

PROBLEM SYMPTOMS TABLE

Symptom	Suspected Area	See Page
Mirror does not operate.	1. CIG fuse (I/P J/B)	-
	2. Mirror switch	70-28
	3. Mirror motor	70-28
	4. Wire harness	-
Mirror operates abnormally.	1. Mirror switch	70-28
	2. Mirror motor	70-28
	3. Wire harness	-

PROBLEM SYMPTOMS TABLE

Symptom	Suspected Area	See Page
Rear window defogger does not operate (Indicator lamp On)	1. Communication Function	-
	2. RR DEF 30 A Fuse	-
	3. Defogger Relay	70-32
	4. Rear Window Defogger Wire	-
	5. Wire Harness	-
	6. A/C ECU	05-1 123
Rear window defogger does not operate (Indicator lamp OFF)	1. Heater 15A Fuse	-
	2. A/C Control Panel	05-1 114
	3. Defogger Switch(A/C Panel Switch)	05-1 114
	4. A/C ECU	05-1 123
	5. Wire Harness	-
	6. Gateway Computer	05-1 123

REPLACEMENT

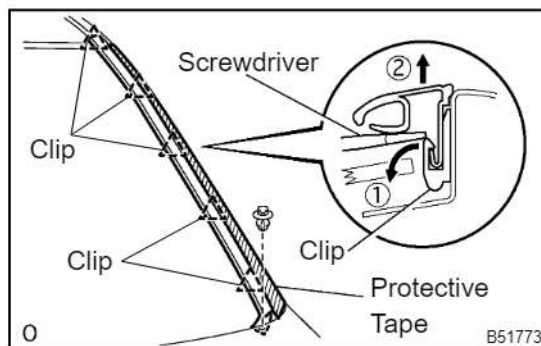
HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
 - A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).
1. **REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP LH** (See page 76-21)
 2. **REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP RH** (See page 76-21)
 3. **REMOVE FRONT PILLAR GARNISH LH** (See page 76-21)
 4. **REMOVE FRONT PILLAR GARNISH RH** (See page 76-21)
 5. **REMOVE LH VISOR ASSY** (See page 76-21)
 6. **REMOVE RH VISOR ASSY** (See page 76-21)
 7. **REMOVE VISOR HOLDER** (See page 76-21)
 8. **REMOVE ROOF CONSOLE BOX ASSY** (See page 76-21)
 9. **REMOVE ASSIST GRIP ASSY** (See page 76-21)
 10. **REMOVE ROOF HEADLINING ASSY** (See page 76-21)

HINT:

It is not necessary to completely remove the roof headlining. Slightly lower the front section of the roof headlining so that the windshield glass can be removed later in step 19.

11. **REMOVE INNER REAR VIEW MIRROR ASSY** (See page 70-34)
12. **REMOVE FR WIPER ARM LH** (See page 66-7)
13. **REMOVE FR WIPER ARM RH** (See page 66-7)
14. **REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSY** (See page 66-7)



15. REMOVE WINDSHIELD MOULDING OUTSIDE LH

- (a) Put protective tape.
- (b) Using a screwdriver, pry out the 5 clips.

HINT:

Tape the screwdriver tip before use.

- (c) Using a screwdriver, pry out the hooks and windshield moulding outside LH.

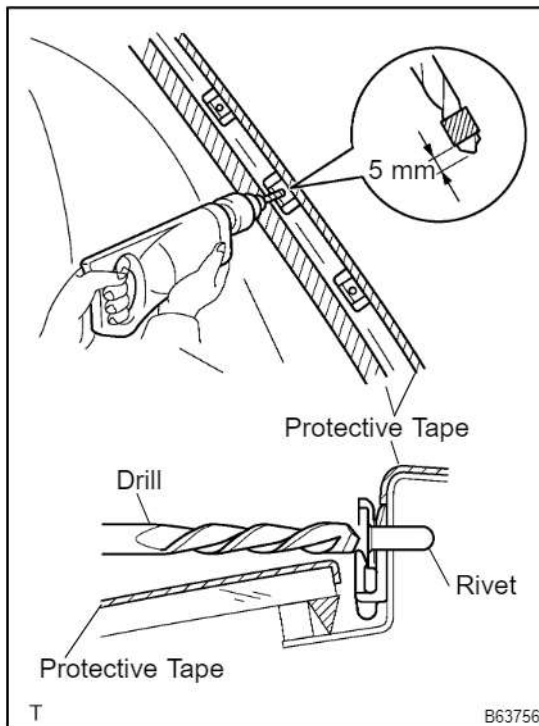
HINT:

Tape the screwdriver tip before use.

16. REMOVE WINDSHIELD MOULDING OUTSIDE RH

HINT:

Use the same procedures described for the LH side.



17. REMOVE WINDSHIELD OUTSIDE MOULDING CLIP NO.1

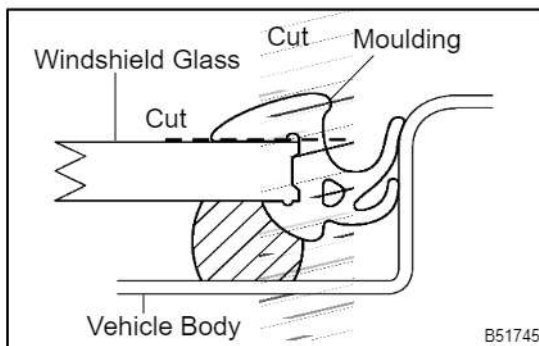
- (a) Using a drill of less than $\phi 4$ mm (0.16 in.), gently and perpendicularly place the drill tip onto the rivet and cut the rivet flanges.

HINT:

Wind tape around the drill blade so that the drill blade appears approximately 5 mm (0.20 in.) on the edge.

NOTICE:

- Be sure to gently place the drill perpendicular to the rivet to prevent the rivet hole and the drill itself from being damaged.
 - Be careful as the cut rivet will be very hot.
- (b) Even if the flange is taken off, continue drilling and push cut the remaining fragment with the drill.
- (c) Remove the windshield outside moulding clip No.1.



18. REMOVE WINDSHIELD MOULDING OUTER UPPER

- (a) Using a knife, cut off the moulding, as shown in the illustration.

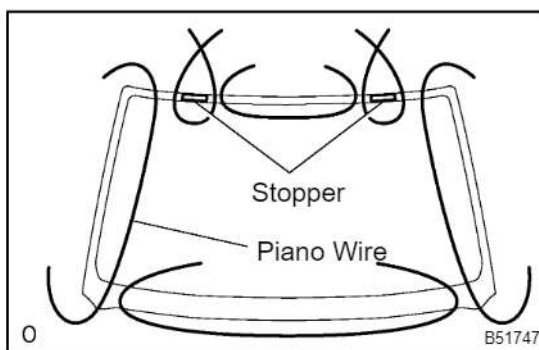
NOTICE:

Be careful not to damage the vehicle body with the knife.

- (b) Remove the remaining moulding.

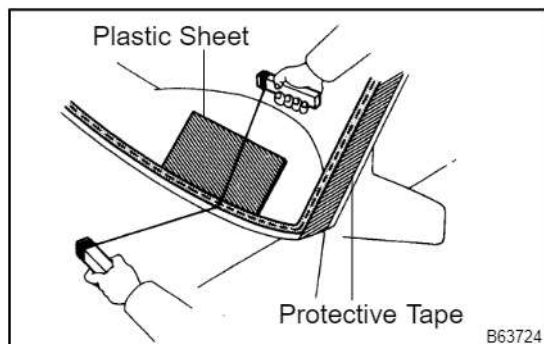
HINT:

Make a partial cut in the moulding. Then pull and remove it by hand.



19. REMOVE WINDSHIELD GLASS

- (a) w/ Window defogger:
Disconnect the connector.
- (b) From the interior, insert piano wire between the vehicle body and glass, as shown in the illustration.
- (c) Tie objects that can serve as handles (for example, wooden blocks) to all wire ends.

**HINT:**

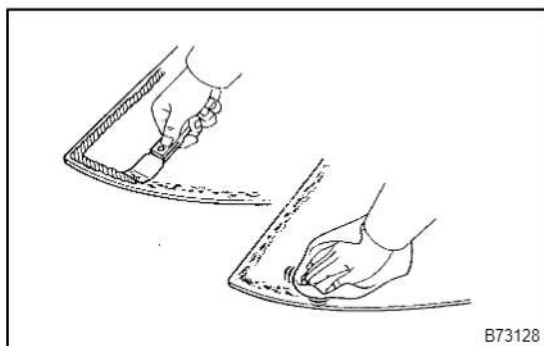
Apply protective tape to the outer surface of the vehicle body to prevent its surface from being scratched.

NOTICE:

- When separating the glass from the vehicle, be careful not to damage the vehicle's paint or interior/exterior ornaments.
 - To prevent the safety pad from being scratched when removing the glass, place a plastic sheet between the piano wire and safety pad.
- (d) Cut through the adhesive by pulling the piano wire around the glass.
- (e) Disengage the stoppers.
- (f) Using a suction cup, remove the glass.

NOTICE:

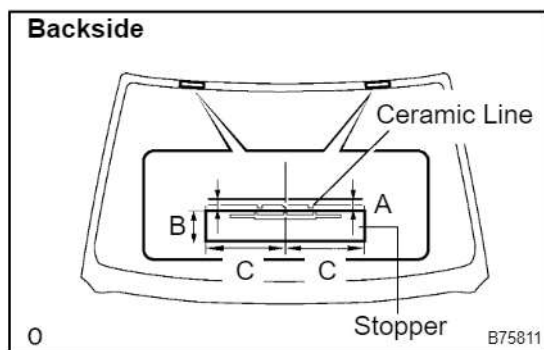
Leave as much adhesive on the vehicle body as possible when removing the glass.

**20. CLEAN WINDSHIELD GLASS**

- (a) Using a scraper, remove the damaged stoppers, dams and adhesive sticking to the glass.
- (b) Clean the outer circumference of the glass with white gasoline.

NOTICE:

- Do not touch the glass surface after cleaning it.
- Even if using new glass, clean the glass with white gasoline.

**21. INSTALL WINDSHIELD GLASS STOPPER NO.2**

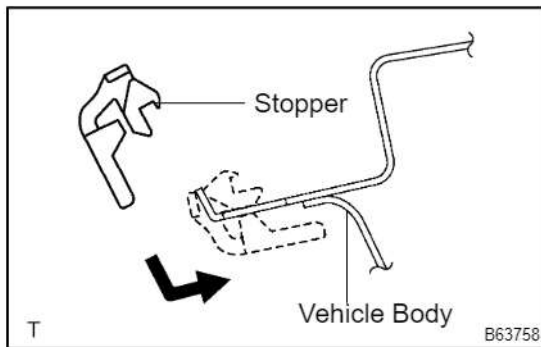
- (a) Coat the installation part of the stoppers with Primer G.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
 - Throw away any leftover Primer G.
 - Do not apply too much Primer G.
- (b) Install 2 new stoppers onto the glass, as shown in the illustration.

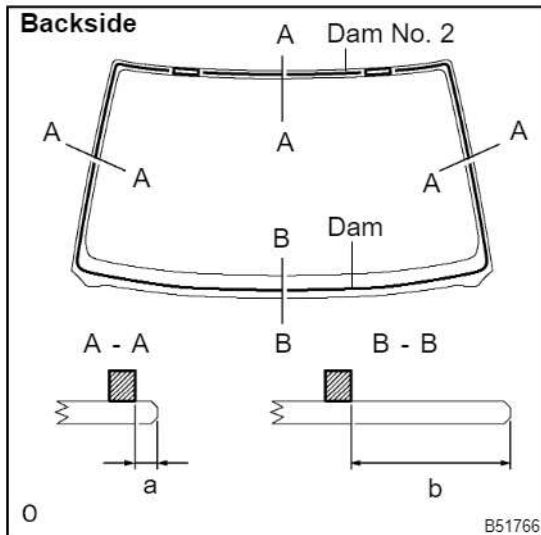
Specification:

Area	Measurement
A	7.1 mm (0.28 in.)
B	40 mm (1.58 in.)
C	12.5 mm (0.49 in.)



22. INSTALL WINDSHIELD GLASS STOPPER NO.1

- (a) Install 2 new stoppers to the vehicle body, as shown in the illustration.



23. INSTALL WINDOW GLASS ADHESIVE DAM

- (a) Coat the installation part of the windshield glass adhesive dam with Primer G.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
- Throw away any leftover Primer G.
- Do not apply too much Primer G.

- (b) Install a new dam, applying double-sided tape all the way around the glass except where the stoppers are installed, as shown in the illustration.

Specification:

Area	Measurement
a	7 mm (0.28 in.)
b	37 mm (1.46 in.)

24. INSTALL WINDOW GLASS ADHESIVE DAM NO.2

25. INSTALL WINDSHIELD GLASS

- (a) Clean and shape the contact surface of the vehicle body.
- (1) Using a knife, cut away any rough adhesive on the contact surface of the vehicle body to ensure the appropriate surface shape.

NOTICE:

Be careful not to damage the vehicle body.

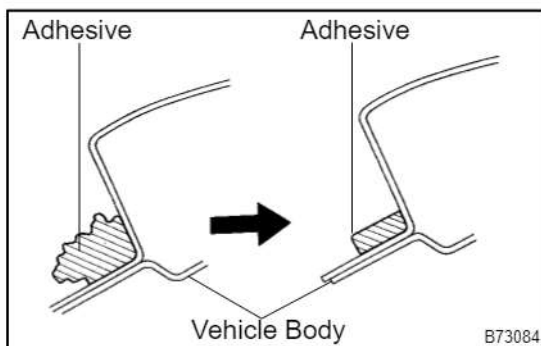
HINT:

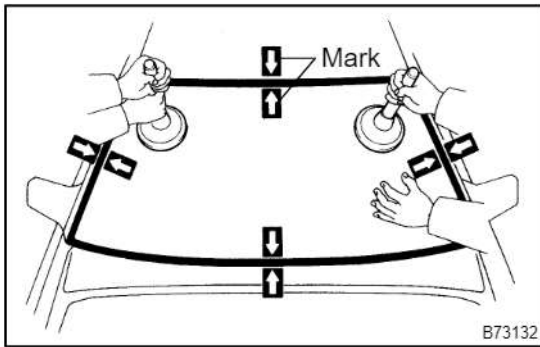
Leave as much of the adhesive on the vehicle body as possible.

- (2) Clean the contact surface of the vehicle body with a piece of shop rag saturated with cleaner.

HINT:

Even if all the adhesive has been removed, clean the vehicle body.





(b) Position the glass.

- (1) Using a suction cup, place the glass in the correct position.
- (2) Check that the whole contact surface of the glass rim is perfectly even.
- (3) Place reference marks between the glass and vehicle body.

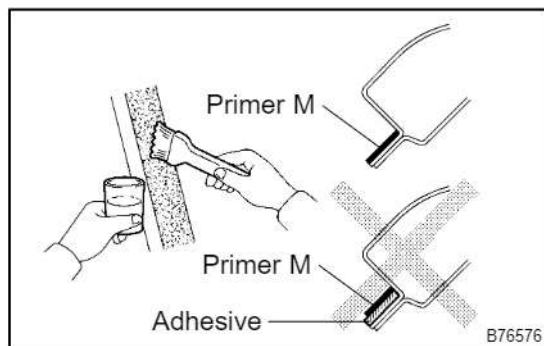
NOTICE:

Check that the stoppers are attached to the vehicle body correctly.

HINT:

When reusing the glass, check and correct the reference mark positions.

- (4) Using a suction cup, remove the glass.



(c) Using a brush, coat the exposed part of the vehicle body with Primer M.

NOTICE:

- **Allow the primer coating to dry for 3 minutes or more.**
- **Do not coat the adhesive with Primer M.**
- **Throw away any leftover Primer M.**
- **Do not apply too much Primer M.**

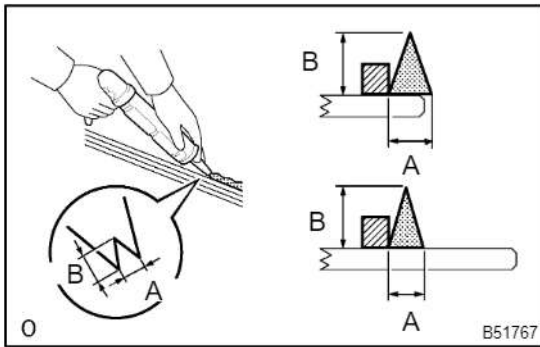
(d) Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G.

HINT:

If the area other than that specified is coated by accident, wipe off the primer with a clean shop rag before it dries

NOTICE:

- **Allow the primer coating to dry for 3 minutes or more.**
- **Throw away any leftover Primer G.**
- **Do not apply too much Primer G.**



(e) Apply adhesive.

Adhesive: Part No. 08850-00801 or equivalent

- (1) Cut off the tip of the cartridge nozzle, as shown in the illustration.

HINT:

After cutting off the tip, use all adhesive within the time described in the table below.

Usage timeframe:

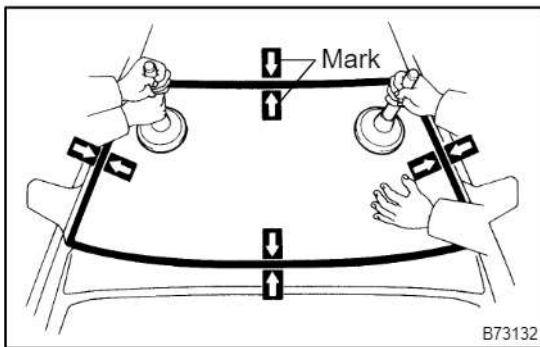
Temperature	Usage Timeframe
35°C (95°F)	15 minutes
20°C (68°F)	1 hour 40 minutes
5°C (41°F)	8 hours

- (2) Load the sealer gun with the cartridge.

- (3) Coat the glass with adhesive, as shown in the illustration.

Specification:

Area	Measurement
A	8 mm (0.31 in.)
B	12 mm (0.47 in.)

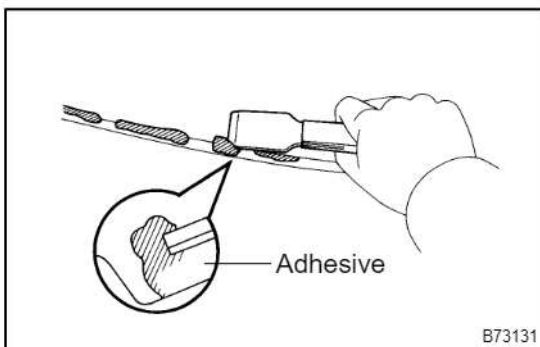


(f) Install the glass.

- (1) Using a suction cup, position the glass so that the reference marks are aligned. Press it in gently along the rim.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
 - Check that the stoppers are attached to the vehicle body correctly.
 - Check that the vehicle body and glass have a small gap between them.
- (2) Lightly press the front surface of the glass to ensure that the glass is securely fit to the vehicle body.



- (3) Using a scraper, remove any excess or protruding adhesive.

HINT:

Apply adhesive on the glass rim.

NOTICE:

Do not drive the vehicle for the amount of time described in the table below.

Minimum time:

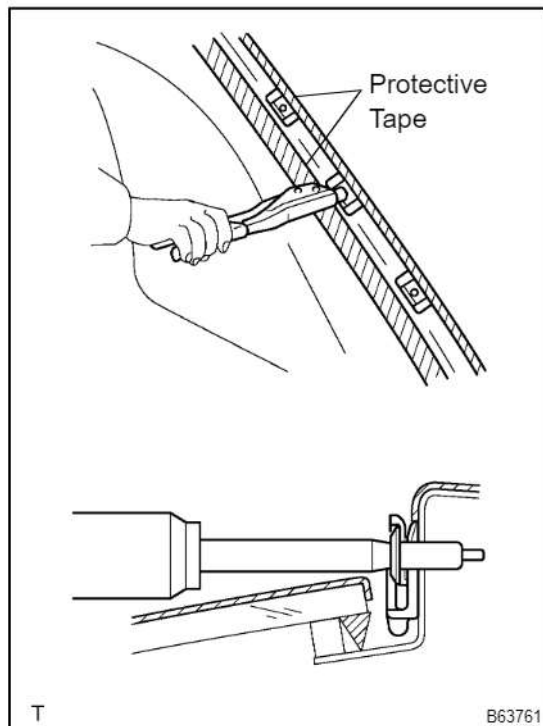
Temperature	Minimum time prior to driving vehicle
35°C (95°F)	1 hour 30 minutes
20°C (68°F)	5 hours
5°C (41°F)	24 hours

26. INSTALL WINDSHIELD MOULDING OUTER UPPER

- (a) Place a new moulding onto the vehicle body and tap it by hand.

27. CHECK FOR LEAKS AND REPAIR

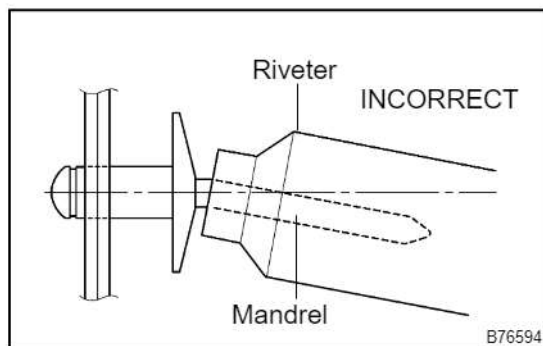
- (a) Conduct a leak test after the adhesive has completely hardened.
 (b) Seal any leaks with auto glass sealer.

**28. INSTALL WINDSHIELD OUTSIDE MOULDING CLIP NO.1**

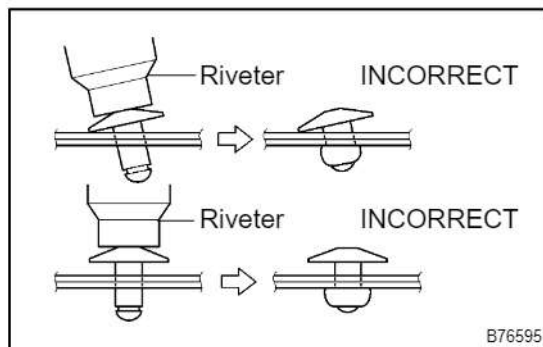
- (a) Using an air riveter or hand riveter with nose piece, strike rivets into the body panel to install the windshield outside moulding clip No. 1 to the body panel.

NOTICE:

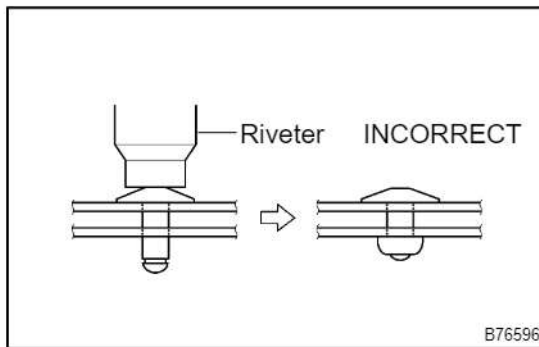
- If the rivet is not positioned perpendicularly, it will bend the mandrel.
- When trigger is then pulled, it may damage the rivet's mandrel.

**NOTICE:**

- Do not prize a riveter, because the riveter will be damaged and the mandrel will be bent.



- Do not tilt the riveter when removing the rivet, because the materials are not tightened firmly.

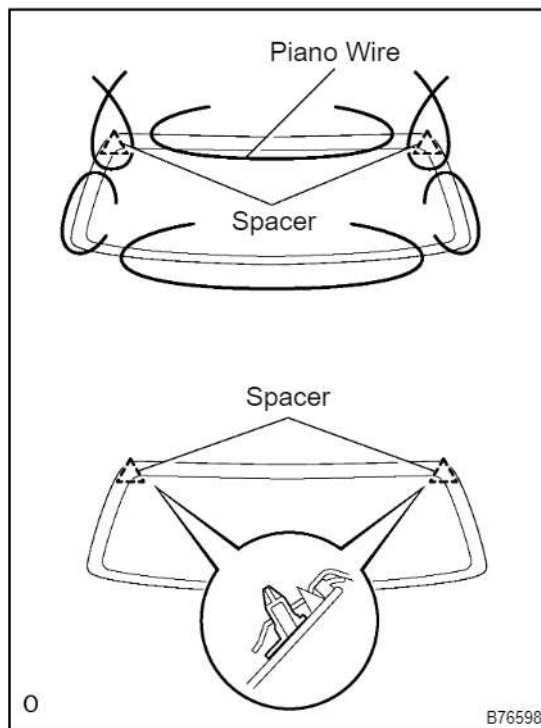


- Install the rivet while attaching the materials, because they are not tightened firmly.

REPLACEMENT

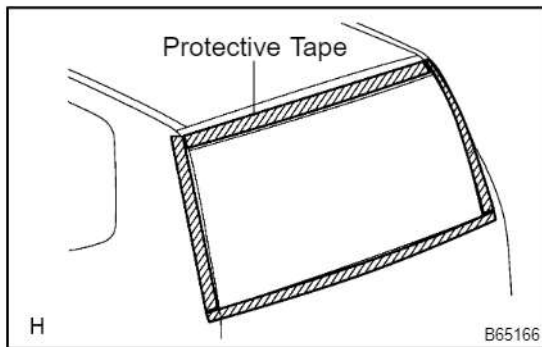
HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
 - A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).
1. **REMOVE ASSIST STRAP HOLE COVER** (See page 75-20)
 2. **REMOVE ASSIST STRAP ASSY RH** (See page 75-20)
 3. **REMOVE BACK DOOR TRIM PANEL ASSY** (See page 75-20)
 4. **REMOVE BACK WINDOW PANEL TRIM UPPER** (See page 75-20)
 5. **REMOVE BACK DOOR TRIM COVER RH** (See page 75-20)
 6. **REMOVE BACK DOOR TRIM COVER LH** (See page 75-20)
 7. **REMOVE REAR WIPER ARM ASSY** (See page 66-12)
 8. **REMOVE REAR SPOILER (W/ REAR SPOILER)** (See page 76-8)



9. REMOVE BACK DOOR GLASS

- (a) Disconnect the connector.
- (b) From the interior, insert piano wires between the vehicle body and glass, as shown in the illustration.
- (c) Tie objects that can serve as handles (for example, wooden blocks) to all wire ends.

**HINT:**

Apply protective tape to the outer surface of the vehicle body to prevent its surface from being scratched.

NOTICE:

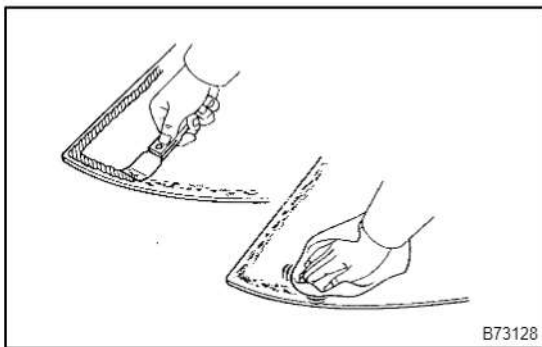
- When separating the glass from the vehicle, be careful not to damage the vehicle's paint or interior/exterior ornaments.
- To prevent the safety pad from being scratched when removing the glass, place a plastic sheet between the piano wire and safety pad.

(d) Cut through the adhesive by pulling the piano wire around the glass.

(e) Using a suction cup, remove the glass.

NOTICE:

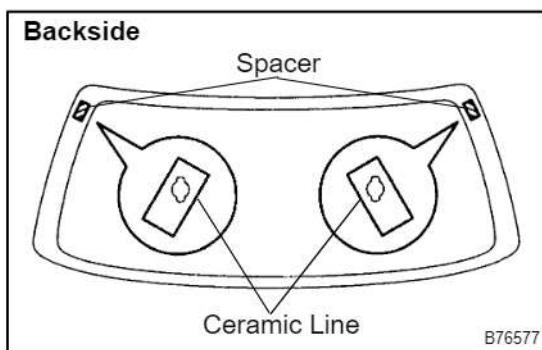
Leave as much adhesive on the vehicle body as possible when removing the glass.

**10. CLEAN BACK DOOR GLASS**

- Using a scraper, remove the damaged spacers, moulding and adhesive sticking to the glass.
- Clean the outer circumference of the glass with white gasoline.

NOTICE:

- Do not touch the glass surface after cleaning it.
- Even if using new glass, clean the glass with white gasoline.

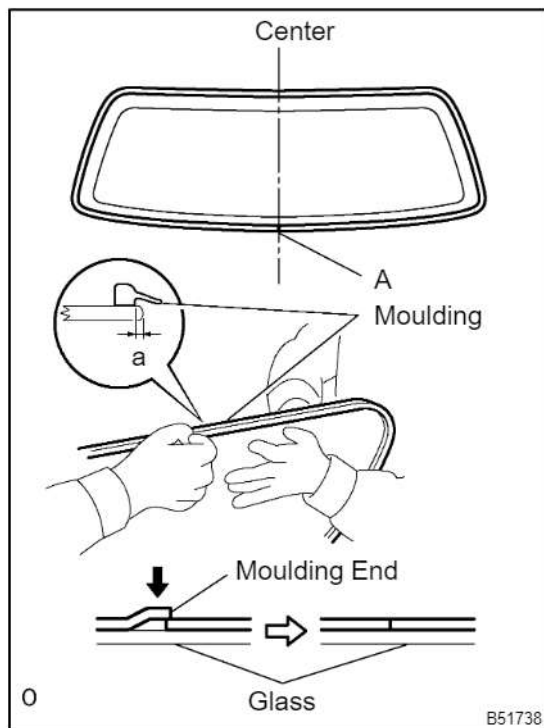
**11. INSTALL BACK DOOR GLASS SPACER NO.1**

- Coat the installation part of the spacers with Primer G.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
 - Throw away any leftover Primer G.
 - Do not apply too much Primer G.
- Install 2 new spacers onto the glass, as shown in the illustration.

12. INSTALL BACK WINDOW GLASS SPACER NO.2



13. INSTALL BACK WINDOW MOULDING OUTSIDE

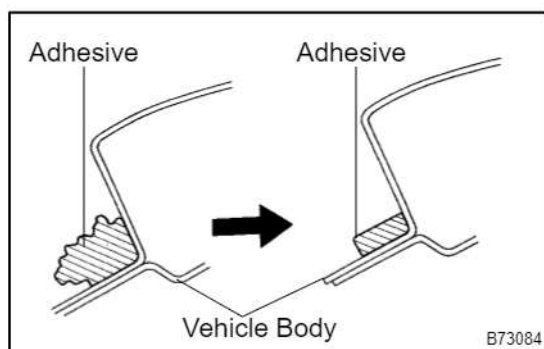
- (a) Coat the installation part of the back window moulding outside with Primer G.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
 - Throw away any leftover Primer G.
 - Do not apply too much Primer G.
- (b) Install a new back window moulding outside, as shown in the illustration.

Specification:

Area	Measurement
a	2 mm (0.08 in.)



14. INSTALL BACK DOOR GLASS

- (a) Clean and shape the contact surface of the vehicle body.
- (1) Using a knife, cut away any rough adhesive on the contact surface of the vehicle body to ensure the appropriate surface shape.

NOTICE:

Be careful not to damage the vehicle body.

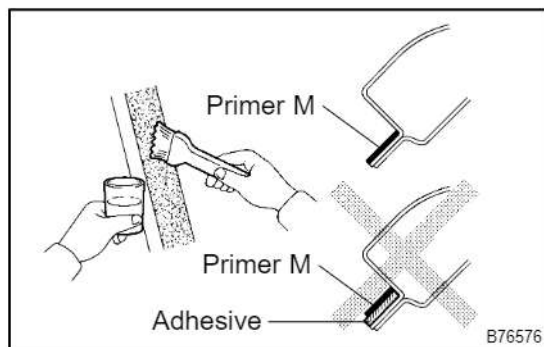
HINT:

Leave as much of the adhesive on vehicle body as possible.

- (2) Clean the contact surface of the vehicle body with a piece of shop rag saturated with cleaner.

HINT:

Even if all the adhesive has been removed, clean the vehicle body.



- (b) Using a brush, coat the exposed part of the vehicle body with Primer M.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
- Do not coat the adhesive with Primer M.
- Throw away any leftover Primer M.
- Do not apply too much Primer M.

- (c) Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G.

HINT:

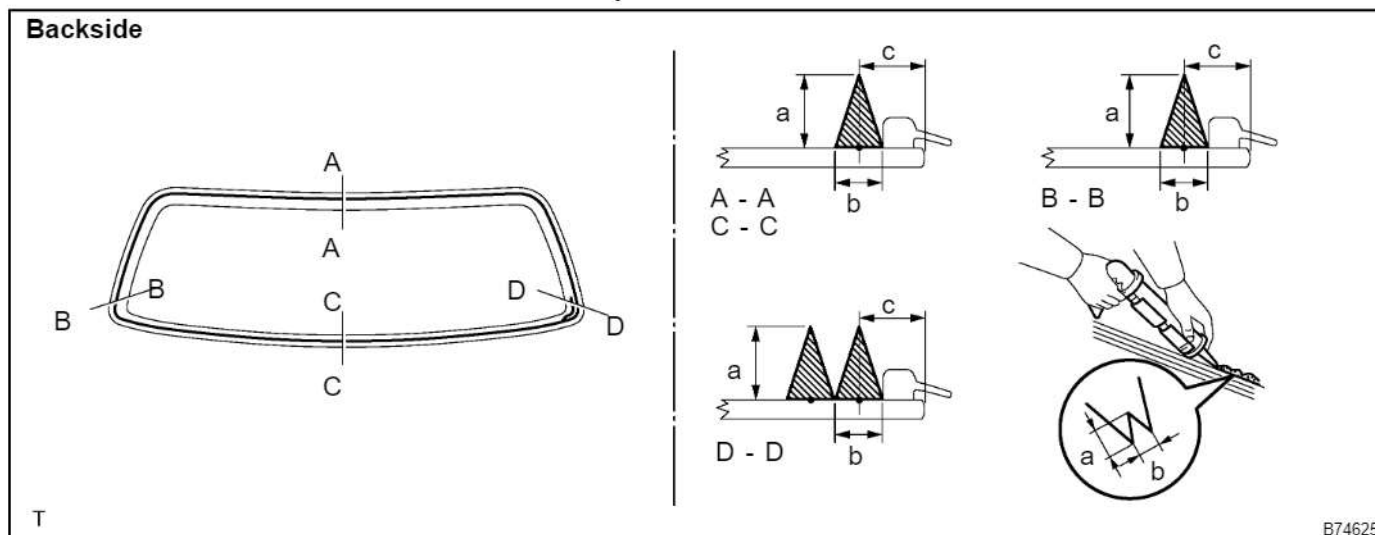
If the area other than that specified is coated by accident, wipe off the primer with a clean shop rag before it dries

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
- Throw away any leftover Primer G.
- Do not apply too much Primer G.

- (d) Apply adhesive.

Adhesive: Part No. 08850-00801 or equivalent



- (1) Cut off the tip of the cartridge nozzle, as shown in the illustration.

HINT:

After cutting off the tip, use all adhesive within the time described in the table below.

Usage timeframe:

Temperature	Usage Timeframe
35°C (95°F)	15 minutes
20°C (68°F)	1 hour 40 minutes
5°C (41°F)	8 hours

- (2) Load the sealer gun with the cartridge.
 (3) Coat the glass with adhesive, as shown in the illustration.

Specification:

Area	Measurement
a	12 mm (0.47 in.)
b	8 mm (0.31 in.)
c	12 mm (0.47 in.)

- (e) Install the back window glass to the vehicle body.
- (1) Hold the back window glass in place securely with protective tape or equivalent until the adhesive hardens.

NOTICE:

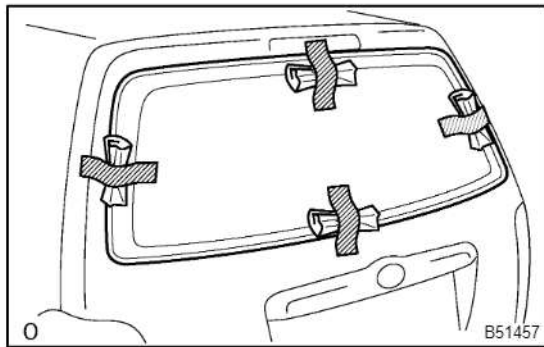
- Allow the primer coating to dry for 3 minutes or more.
 - Check that the spacers are attached to the vehicle body correctly.
 - Check that the vehicle body and glass have a small gap between them.
- (2) Lightly press the front surface of the glass to ensure that the glass is securely fit to the vehicle body.

NOTICE:

Do not drive the vehicle for the amount of time described in the table below.

Minimum time:

Temperature	Minimum time prior to driving vehicle
35°C (95°F)	1 hour 30 minutes
20°C (68°F)	5 hours
5°C (41°F)	24 hours



- (3) Hold the glass in place securely with a protective tape or equivalent until the adhesive hardens.

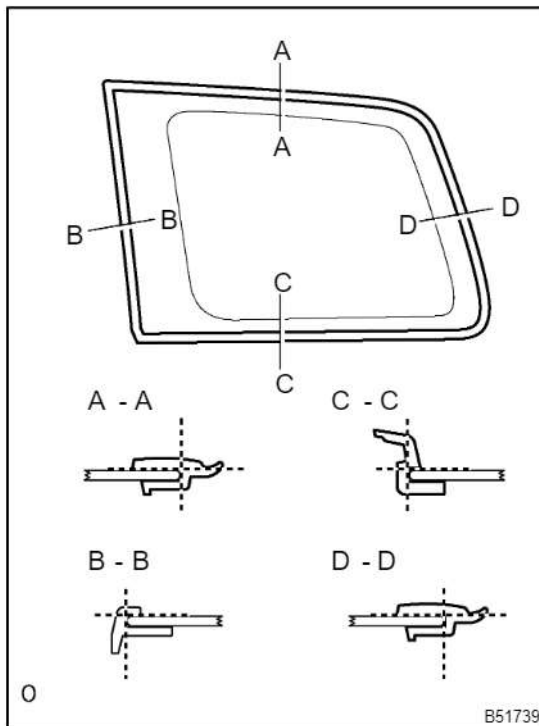
15. CHECK FOR LEAKS AND REPAIR

- (a) Conduct a leak test after the adhesive has completely hardened.
- (b) Seal any leaks with auto glass sealer.

REPLACEMENT

HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
 - The procedures listed below are for the LH side.
 - Use the same procedures for the LH side and RH side.
 - A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).
1. **REMOVE REAR NO. 1 SEAT ASSY (W/O REAR NO.2 SEAT)** (See page 72-28)
 2. **REMOVE REAR DOOR SCUFF PLATE LH** (See page 76-21)
 3. **REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP LH** (See page 76-21)
 4. **REMOVE TONNEAU COVER ASSY (W/ TONNEAU COVER)** (See page 76-21)
 5. **REMOVE DECK BOARD SUB-ASSY NO.2** (See page 76-21)
 6. **REMOVE DECK BOARD SUB-ASSY NO.3** (See page 76-21)
 7. **REMOVE DECK BOARD SUB-ASSY** (See page 76-21)
 8. **REMOVE DECK FLOOR BOX REAR** (See page 76-21)
 9. **REMOVE DECK SIDE TRIM BOX LH** (See page 76-21)
 10. **REMOVE DECK SIDE TRIM BOX RH** (See page 76-21)
 11. **REMOVE DECK FLOOR BOX FRONT (W/O REAR NO.2 SEAT)** (See page 76-21)
 12. **REMOVE REAR FLOOR FINISH PLATE** (See page 76-21)
 13. **REMOVE DECK BOARD BRACKET REINFORCEMENT (W/ REAR NO.2 SEAT)**
(See page 76-21)
 14. **REMOVE REAR NO. 2 SEAT ASSY (W/ REAR NO.2 SEAT)** (See page 72-61)
 15. **REMOVE REAR NO.1 SEAT BELT ASSY OUTER LH** (See page 61-15)
 16. **REMOVE REAR NO.2 SEAT BELT ASSY OUTER LH (W/ REAR NO.2 SEAT)** (See page 61-22)
 17. **REMOVE DECK SIDE TRIM COVER LH** (See page 76-21)
 18. **REMOVE REAR COMBINATION LAMP SERVICE COVER LH** (See page 76-21)
 19. **REMOVE ROPE HOOK** (See page 76-21)
 20. **REMOVE REAR SEAT TRACK COVER LH (W/ REAR NO.2 SEAT)** (See page 72-44)
 21. **REMOVE DECK TRIM SIDE PANEL ASSY LH** (See page 76-21)
 22. **REMOVE QUARTER PILLAR GARNISH LH** (See page 76-21)
 23. **REMOVE ROOF SIDE RAIL GARNISH SUB-ASSY LH** (See page 76-21)
 24. **REMOVE ROOF SIDE GARNISH ASSY INNER LH** (See page 76-21)



25. REMOVE QUARTER WINDOW ASSY LH

- (a) Using a knife, cut off the moulding, as shown in the illustration.

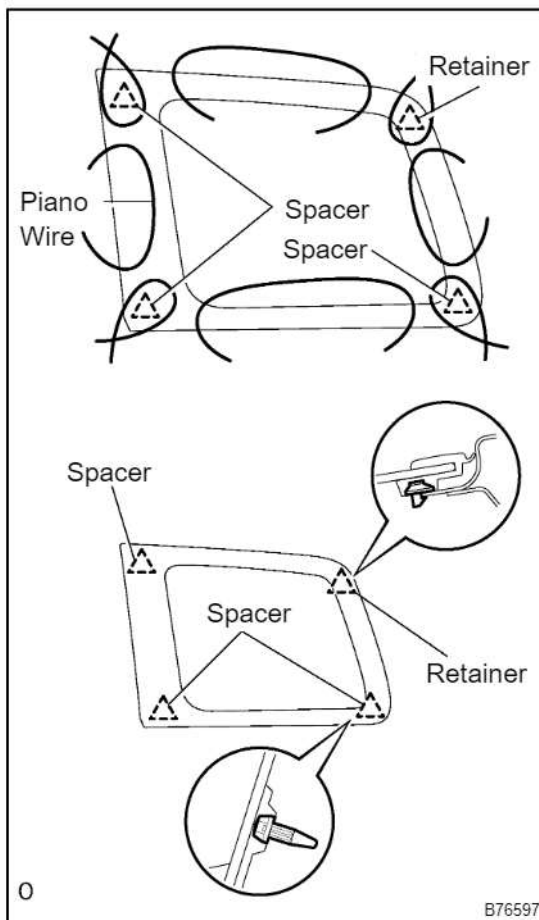
NOTICE:

Be careful not to damage the vehicle body with the knife.

- (b) Disconnect the connector.
(c) Remove the remaining moulding.

HINT:

Make a partial cut in the moulding. Then, pull and remove it by hand.



- (d) From the interior, insert piano wires between the vehicle body and glass, as shown in the illustration.
(e) Tie object that can serve as handles (for example, wooden blocks) to all wire ends.

HINT:

Apply protective tape to the outer surface of the vehicle body to prevent its surface from being scratched.

NOTICE:

When separating the glass from the vehicle, be careful not to damage the vehicle's paint or interior/exterior ornaments.

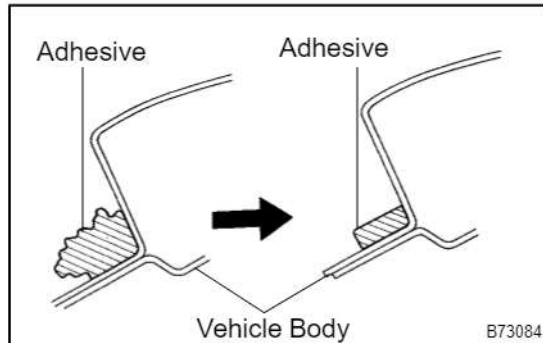
- (f) Cut through the adhesive by pulling the piano wire around the glass.
(g) Using a suction cup, remove the glass.

NOTICE:

Leave as much adhesive on the vehicle body as possible when removing the glass.

26. INSTALL QUARTER WINDOW GLASS SPACER

- (a) Clean the installation area.
- (b) Install new spacers onto the glass.

**27. INSTALL QUARTER WINDOW ASSY LH**

- (a) Clean and shape the contact surface of the vehicle body.
 - (1) Using a knife, cut away any rough adhesive on the contact surface of the vehicle body to ensure the appropriate surface shape.

NOTICE:

Be careful not to damage the vehicle body.

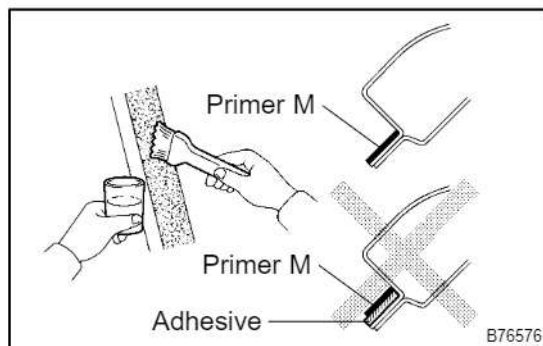
HINT:

Leave as much adhesive on the vehicle body as possible.

- (2) Clean the contact surface of the vehicle body with a piece of shop rag saturated with cleaner.

HINT:

Even if all the adhesive has been removed, clean the vehicle body.



- (b) Using a brush, coat the exposed part of the vehicle body on the vehicle side with Primer M.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
- Do not coat the adhesive with Primer M.
- Throw away any leftover Primer M.
- Do not apply too much Primer M.

- (c) Using brush or sponge, coat the edge of the glass and the contact surface with Primer G.

HINT:

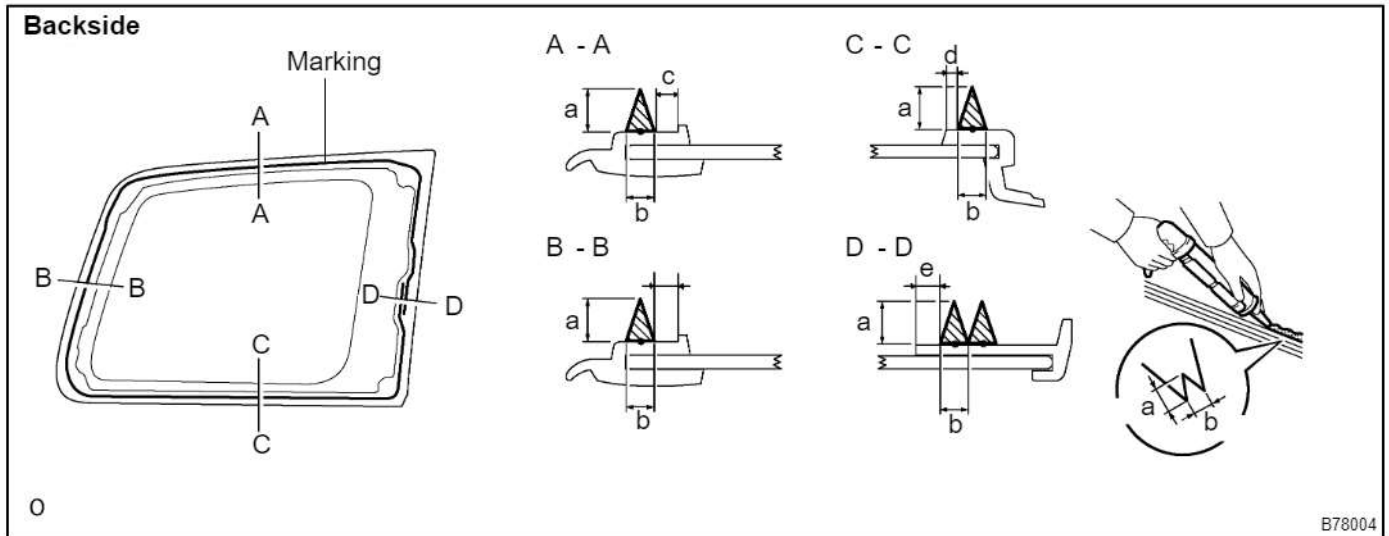
If an area other than that specified is coated by accident, wipe off the primer with a clean shop rag before it dries.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
- Throw away any leftover Primer G.
- Do not apply too much Primer G.

(d) Apply adhesive.

Adhesive: Part No. 08850-00801 or equivalent



(1) Cut off the tip of the cartridge nozzle, as shown in the illustration.

HINT:

After cutting off the tip, use all adhesive within the time described in the table below.

Usage timeframe:

Temperature	Usage Timeframe
35°C (95°F)	15 minutes
20°C (68°F)	1 hour 40 minutes
5°C (41°F)	8 hours

(2) Load the sealer gun with the cartridge.

(3) Coat the glass with adhesive, as shown in the illustration.

Specification:

Area	Measurement
a	8 mm (0.31 in.)
b	6 mm (0.24 in.)
c	5 mm (0.20 in.)
d	2 mm (0.08 in.)
e	4 mm (0.16 in.)

- (e) Install the quarter window to the vehicle body.
- (1) Hold the quarter window in place securely with protective tape or equivalent until the adhesive hardens.

NOTICE:

- **Allow the primer coating to dry for 3 minutes or more.**
 - **Check that the spacers are attached to the vehicle body correctly.**
 - **Check that the vehicle body and glass have a small gap between them.**
- (2) Lightly press the front surface of the glass to ensure that the glass is securely fit to the vehicle body.

NOTICE:

Do not drive the vehicle for the amount of time described in the table below.

Minimum time:

Temperature	Minimum time prior to driving vehicle
35°C (95°F)	1 hour 30 minutes
20°C (68°F)	5 hours
5°C (41°F)	24 hours

28. CHECK FOR LEAKS AND REPAIR

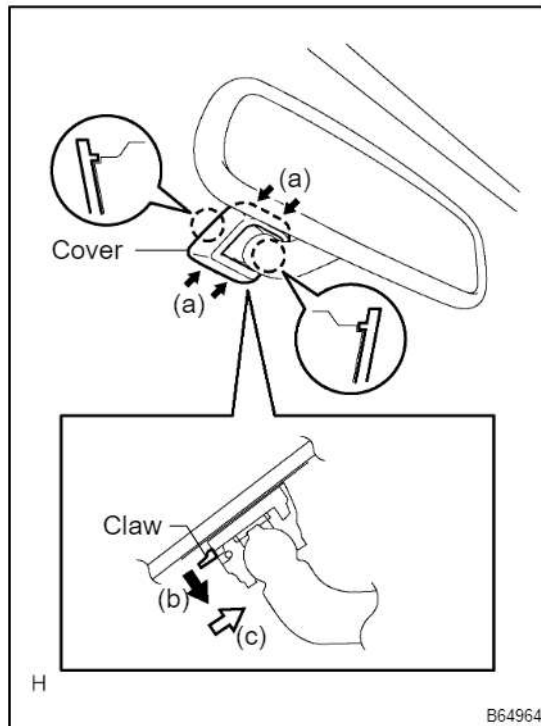
- (a) Conduct a leak test after the adhesive has completely hardened.
- (b) Seal any leaks with auto glass sealer.

INNER REAR VIEW MIRROR ASSY REPLACEMENT

7012X-01

HINT:

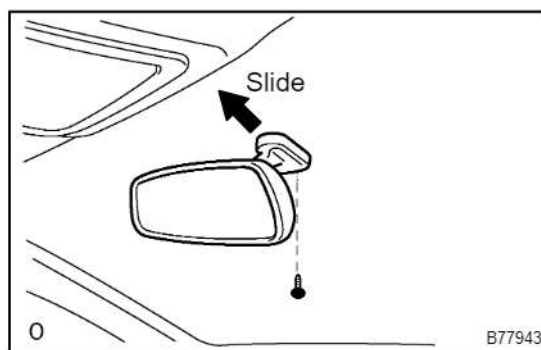
- The installation procedures are the removal procedures in reverse order.
- EC mirror stands for electrochromic mirror.



1. w/o EC mirror:

REMOVE INNER REAR VIEW MIRROR ASSY

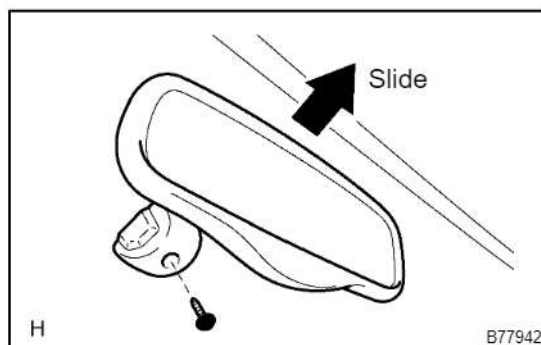
- (a) Push the cover in the direction indicated by the arrows (a) and remove it.
- (b) While holding down the claw in the direction of the block arrow (b), slide the inner rear view mirror assy in the direction of the while arrow (c) and remove it.



2. w/ EC mirror:

REMOVE INNER REAR VIEW MIRROR ASSY

- (a) Remove the mirror cover.
- (b) Disconnect the connector.
- (c) Using a torx socket wrench (T20), remove the screw.
- (d) Slide the mirror in the direction indicated by the arrow in the illustration, and remove the mirror.



3. w/ EC mirror and compass:

REMOVE INNER REAR VIEW MIRROR ASSY

- (a) Remove the mirror cover.
- (b) Disconnect the connector.
- (c) Using a torx socket wrench (T20), remove the screw.
- (d) Slide the mirror in the direction indicated by the arrow in the illustration, and remove the mirror.