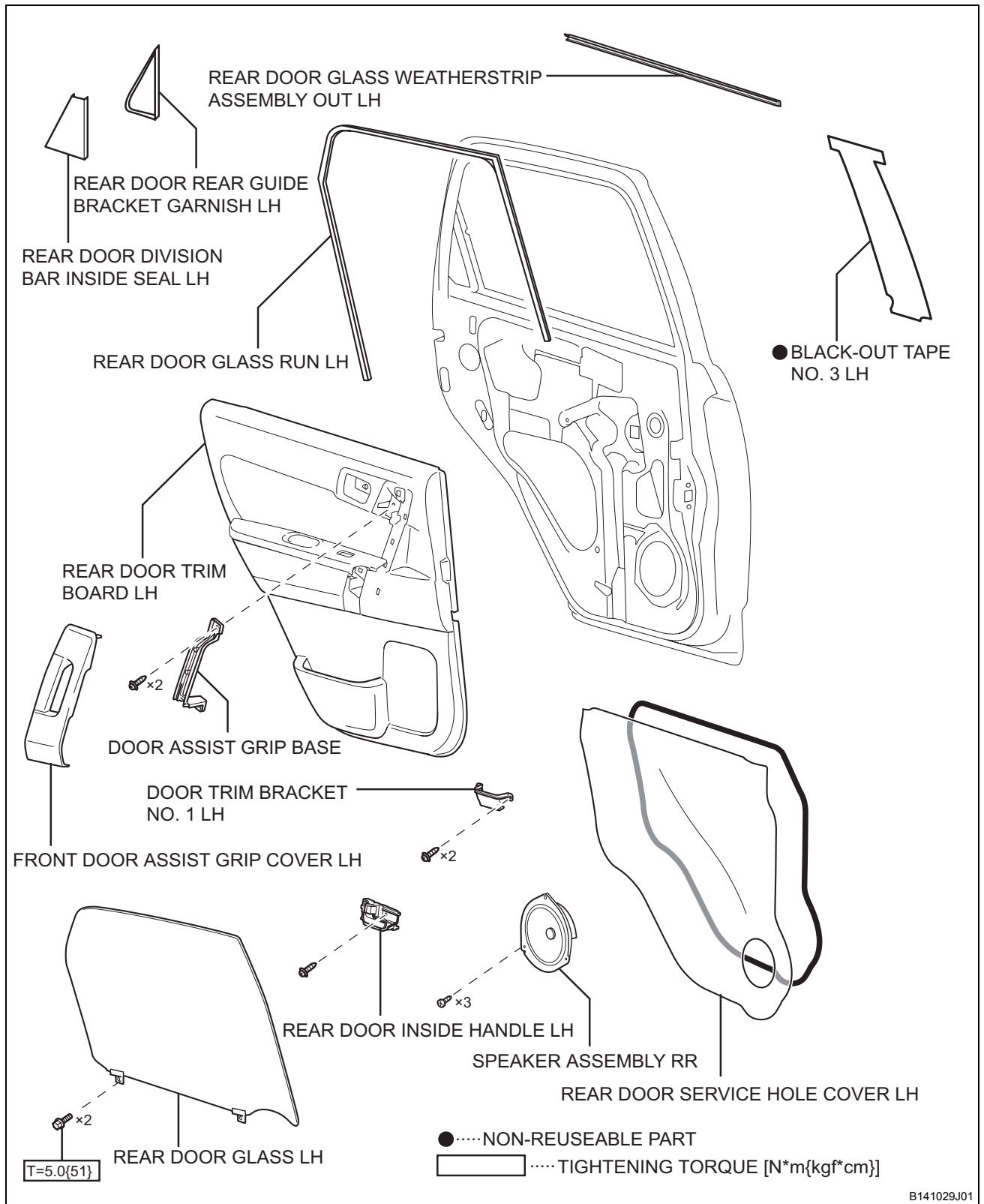


BLACKOUT TAPE NO. 3 LH

COMPONENTS



ET

REMOVAL

1. REMOVE REAR DOOR DIVISION BAR INSIDE SEAL LH (See page ED-30)
2. REMOVE REAR DOOR REAR GUIDE BRACKET GARNISH LH (See page ED-30)
3. REMOVE FRONT DOOR ASSIST GRIP COVER LH (See page ED-30)
4. REMOVE DOOR ASSIST GRIP BASE (See page ED-30)
5. REMOVE REAR DOOR TRIM BOARD LH (See page ED-30)
6. REMOVE REAR DOOR INSIDE HANDLE LH (See page ED-32)
7. REMOVE SPEAKER ASSEMBLY RR (See page AV-33)
8. REMOVE DOOR TRIM BRACKET NO. 1 LH (See page ED-32)
9. REMOVE REAR DOOR SERVICE HOLE COVER LH (See page ED-32)
10. REMOVE REAR DOOR GLASS RUN LH (See page ED-33)
11. REMOVE REAR DOOR GLASS LH (See page ED-33)
12. REMOVE REAR DOOR GLASS WEATHERSTRIP ASSEMBLY OUT LH
13. REMOVE BLACKOUT TAPE NO. 3 LH
 - (a) Heat the blackout tape No. 3 LH using a heat gun.
NOTICE:
Be careful not to get burned by dryer heat or by the blackout tape No. 3 LH while it is hot.
 - (b) Pry up the edge of the weatherstrip using a finger nail and remove it by pulling it parallel to the surface.

INSTALLATION

1. PRECAUTIONS FOR APPLYING BLACKOUT TAPE
 - (a) Appropriate temperature to paste
 - (1) If the ambient temperature is 15°C or lower, heat the vehicle body (installation surface) and the blackout tape using an infrared lamp until the temperature reaches between 20 and 30°C. Then begin the operation. If the ambient temperature is 35°C or higher, cool the installation surface and the tape to a temperature lower than 35°C.
HINT:
 - When applying the blackout tape, 25°C is an appropriate temperature.
 - Blackout tape hardens and its adhesive strength weakens at low temperatures. In addition, blackout tape softens at high temperatures.
 - (b) PREPARATION
 - (1) If any paint seeds or dust are caught on the surface of the body (installation surface) when the blackout tape is applied, this may cause bubbling and a poor appearance. Therefore, make sure to remove any paint seeds or dust

from the around the installation surface and the blackout tape.

HINT:

Because the air is dry especially in the winter season, store the blackout tape in between cardboard in a flat dry place.

(c) HANDLING OF BLACKOUT TAPE

- (1) Because blackout tape is easily deformed, protect the blackout tape by storing it between cardboard in a flat dry place.

NOTICE:

Do not bend the tape or leave in a hot place.

(d) BLACKOUT TAPE APPLICATION TECHNIQUES (RUBBER SPATULA TECHNIQUES AND APPLICATION PROCEDURES FOR GENERAL AREAS)

NOTICE:

- To determine the initial application position, be accurate within ± 1 mm. Inaccuracy will affect the appearance of the tape and careless installation may cause peeling at a later date.
- Blackout tape cannot be reused. Once it is peeled off, it deforms and its adhesive strength is weakened.

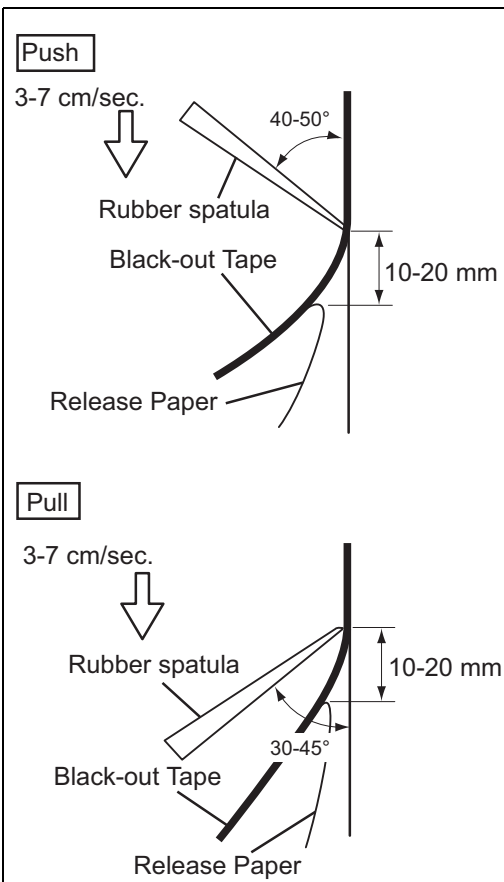
- (1) To prevent air bubbles, lift the part which is not pressed by a rubber spatula from the base, and tilt the rubber spatula 40 to 50 (by pushing) or 30 to 45 (by pulling), push the air out from the inside toward the outside slowly with a pressure strength of 20 to 30 N (2 to 3 kgf) and a speed of 3 to 7 cm/second, then press-fit firmly.

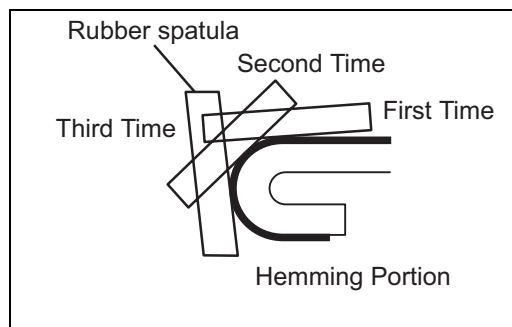
NOTICE:

When using a rubber spatula, be careful about application speed, pressure strength, and angle. If the speed or pressure of application is not constant, or if the application is stopped in the middle, a line (called a shock line) may be caused on the blackout surface. Also air bubbles may be caused if the application speed is too fast.

HINT:

- The rubber spatula can be pushed or pulled across the surface, depending on the requirements of the application area.
- During this procedure, peel off the exfoliate paper of the blackout tape, working 10 to 20 mm ahead of the rubber spatula tip.





(e) BLACKOUT TAPE APPLICATION TECHNIQUES (RUBBER SPATULA TECHNIQUES AND APPLICATION PROCEDURES FOR HEMMING AREAS)

- (1) If it is too difficult to apply the blackout tape with one pass of the rubber spatula, try to press-fit the tape using multiple applications of the rubber spatula. Press-fit the blackout tape, working gradually when working in areas with tight curves. Apply the tape in three steps, pressing with your finger or the fat part of the rubber spatula, as shown in the illustration.

HINT:

For the back of the hemming area, peel off the exfoliate paper, and press-fit with fingers or the fat side of the rubber spatula.

(f) BLACKOUT TAPE APPLICATION TECHNIQUES (RUBBER SPATULA TECHNIQUES AND APPLICATION PROCEDURES FOR CORNER AREAS)

- (1) For the corner area, peel off the exfoliate paper and press-fit carefully, using the tips of your fingers.
- (2) In order to prevent poor appearance due to tape pinching, heat the blackout tape with a heat gun, and fold the tape around each corner, flattening each corner in order.

(g) POST-APPLICATION INSPECTION

- (1) After applying the blackout tape, check to make sure that the tape has been applied properly. If appearance is poor, peel off the tape and repeat the procedure with new blackout tape.

NOTICE:

- Do not reuse the blackout tape once it has been peeled off.
- Glossy tapes, like the ones used for the outboard panel, show scratches easily. So, do not use a needle to remove air bubbles when using glossy tapes.

HINT:

If the hemming area or corner area of the blackout tape is slightly peeled off, fix with an instant adhesive.

2. APPLY BLACKOUT TAPE NO. 3 LH

(a) CLEAN APPLICATION SURFACE (PROCEDURE FOR USING HEAT GUN)

- (1) Using a heat gun, heat the blackout tape No. 2 LH and the adhesive remaining on the body of the vehicle.

NOTICE:

Be careful not to burn yourself with the infrared lamp or the vehicle body while it is hot.

HINT:

Heat the front bumper extension for 3 to 5 minutes at a temperature between 40 and 60°C.

- (2) Using a rag, scrub away the blackout tape No. 3 LH and the adhesive remaining on the body.

NOTICE:

- Use a rag or other cloth to remove the tape. Do not use a screwdriver or similar tool. These tools may

scratch the body of the vehicle body and make it difficult to attach the moulding.

- Remove as much of the blackout tape as possible. Any old tape that remains may cause attachment failure when the new blackout tape No. 3 LH is installed.

(3) Clean the application surface with a solvent.

(b) CLEAN APPLICATION SURFACE (PROCEDURE FOR USING TAPE REMOVAL DISK)

- (1) Set the 8 discs in the holder, and install the removal disk to an air drill or an electric drill.

NOTICE:

Use an electric drill with a no-load speed of 2000 to 3000 r/min.

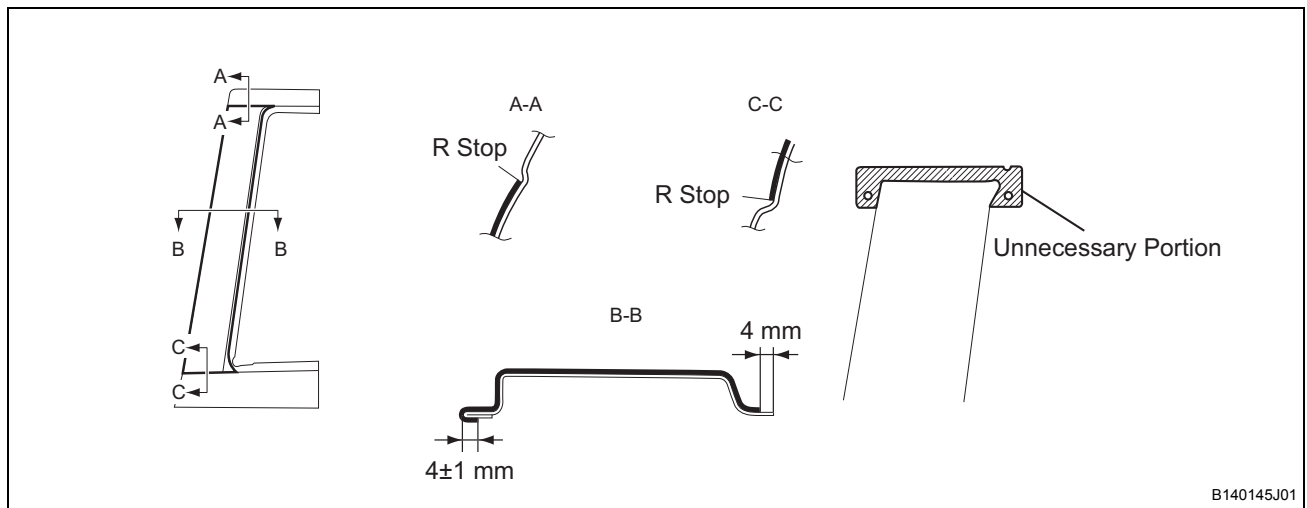
- (2) Scrape off the blackout tape No. 3 LH or the adhesive remaining on the body using remover disc.

NOTICE:

- Use safety glasses while removing the blackout tape.
- Be careful about the direction of the disc's rotation and the operating direction.
- In order to avoid damaging the body of the vehicle, visually check to make sure that too much material is not shaved away.
- Remove as much of the blackout tape as possible. Any old tape that remains may cause attachment failure when the new blackout tape No. 3 LH is installed.

(3) Clean the surface with a solvent.

- (c) Apply the new blackout tape No 3 LH in the position shown in the illustration.



3. INSTALL REAR DOOR GLASS WEATHERSTRIP ASSEMBLY OUT RH (See page ET-52)
4. INSTALL REAR DOOR GLASS RH (See page ED-40)
5. INSTALL REAR DOOR GLASS RUN RH (See page ED-41)

6. INSTALL REAR DOOR SERVICE HOLE COVER RH (See page ED-41)
7. INSTALL DOOR TRIM BRACKET NO. 1 (See page ED-41)
8. INSTALL SPEAKER ASSEMBLY RR (See page AV-33)
9. INSTALL REAR DOOR INSIDE HANDLE RH (See page ED-41)
10. INSTALL FRONT DOOR TRIM BOARD RH (See page ED-43)
11. INSTALL DOOR ASSIST GRIP BASE (See page ED-43)
12. INSTALL FRONT DOOR ASSIST GRIP COVER RH (See page ED-43)
13. INSTALL REAR DOOR REAR GUIDE BRACKET GARNISH RH (See page ED-43)
14. INSTALL REAR DOOR DIVISION BAR INSIDE SEAL RH (See page ED-44)

