

INSTALLATION

1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

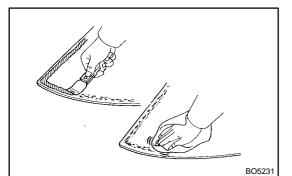
(a) Using a knife, cut away any rough areas on the body. HINT:

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

(b) Clean the cutting surface of the adhesive with a shop rag saturated in cleaner.

HINT:

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

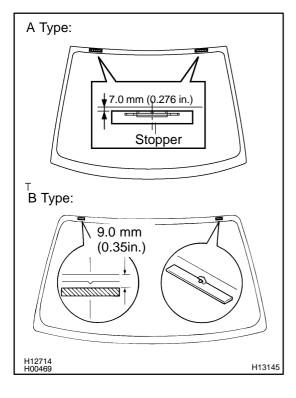


2. CLEAN REMOVED GLASS

- (a) Using a scraper, remove the damaged stopper, dam and adhesive sticking to the glass.
- (b) Clean the glass with cleaner.

NOTICE:

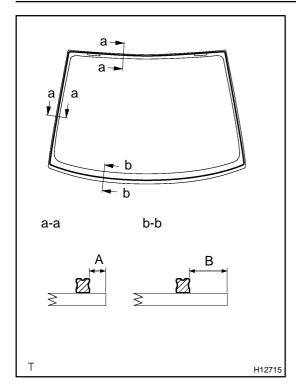
- · Do not touch the glass face after cleaning it.
- Be careful not to damage the glass.



3. INSTALL NEW STOPPERS

Install new stoppers onto the glass.

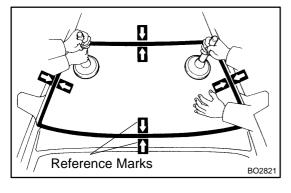
2002 ECHO (RM884U)



INSTALL NEW DAM

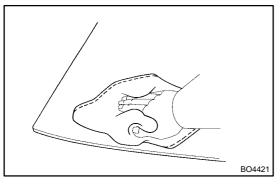
Install a new dam with adhesive tape as shown in the illustra-

A: 7.0 mm (0.276 in.) B: 23.5 mm (0.925 in.)



5. **POSITION GLASS**

- Using a suction rubber, place the glass in the correct posi-(a)
- (b) Check that all contacting parts of the glass rim are perfect-
- (c) Place reference marks between the glass and body.
- (d) Remove the glass.

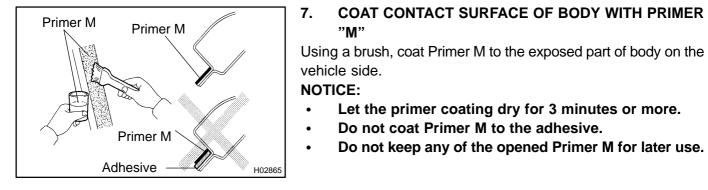


CLEAN CONTACT SURFACE OF GLASS

Using a cleaner, clean the contact surface which is black-colored area around the entire glass rim.

NOTICE:

Do not touch the glass face after cleaning it.

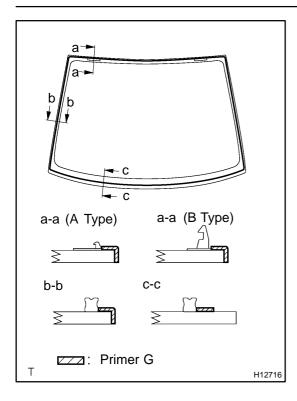


NOTICE:

- Let the primer coating dry for 3 minutes or more.
- Do not coat Primer M to the adhesive.
- Do not keep any of the opened Primer M for later use.

COAT CONTACT SURFACE OF BODY WITH PRIMER

2002 ECHO (RM884U)



8. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

- (a) Using a brush or a sponge, coat the edge of the glass and the contact surface with Primer G.
- (b) When the primer is coated wrongly to the area other than the specified, wipe it off with a clean shop rag before the primer dries.

NOTICE:

- Let the primer coating dry for 3 minutes or more.
- Do not keep any of the opened Primer G for later use.
- 9. APPLY ADHESIVE
- (a) Cut off the tip of the cartridge nozzle.

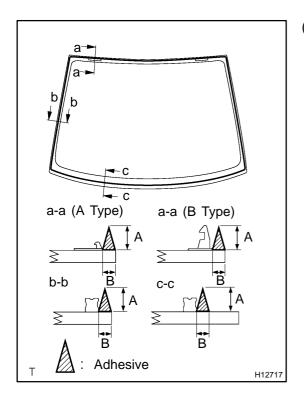
Part No. 08850-00801 or equivalent

HINT:

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

Temperature	Tackfree time
35 °C (95 °F)	15 minutes
20 °C (68 °F)	100 minutes
5 °C (41 °F)	8 hours

(b) Load the cartridge into the sealer gun.

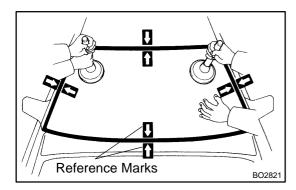


(c) Coat the glass with adhesive as shown.

A: 12.5 mm (0.492 in.)

B: 8.0 mm (0.315 in.)

2002 ECHO (RM884U)



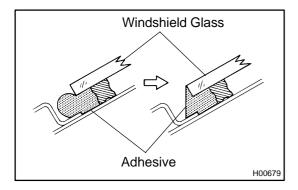
0. INSTALL WINDSHIELD GLASS AND MOULDING

(a) Install the glass, aligning the reference marks using a suction rubber.

HINT:

Check to see that the stoppers are attached to the body correctlv.

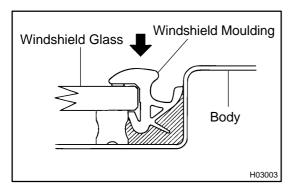
(b) Lightly press the glass front surface for close contact.



(c) Correct insufficient or protruded adhesive agent using a spatula.

HINT:

Apply the adhesive agent up to the windshield glass edge.



(d) Install a new windshield moulding to the windshield glass before the adhesive agent hardens.

HINT:

Install the moulding, aligning the center of moulding with the center of body.

- (e) Remove any excessive adhesive agent before it hardens.
- (f) Hold the glass and moulding in place securely with a protective tape or equivalent until the adhesive hardens.

NOTICE:

Take care not to drive the vehicle during the time described in the table below.

Temperature	Minimum time prior to driving the vehicle
35 °C (95 °F)	1.5 hours
20 °C (68 °F)	5 hours
5 °C (41 °F)	24 hours

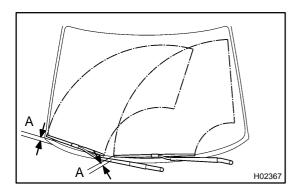
11. INSPECT FOR LEAK AND REPAIR

NOTICE:

Conduct a leak test after the hardening time has elapsed.

- 12. INSTALL FRONT SIDE OF ROOF HEADLINING (See page BO-88 or BO-93)
- 13. INSTALL ASSIST GRIP
- 14. INSTALL COWL TOP VENTILATOR LOUVERS AND HOOD TO COWL TOP SEAL
- 15. INSTALL WIPER ARMS
- (a) Operate the wiper motor once and turn the wiper switch OFF
- (b) Install the wiper arms and tighten nuts by hand.

2002 ECHO (RM884U)



(c) Adjust the installation positions of the wiper arms to the positions as shown in the illustration.

A: Approx. 34 mm (1.34 in.)

(d) Torque the nuts.

Torque: 20 N-m (205 kgf-cm, 15 ft-lbf)

- (e) Install the 2 wiper arm head caps.
- 16. INSTALL FRONT PILLAR GARNISHES
- 17. INSTALL SUN VISORS AND HOLDERS
- 18. INSTALL INNER REAR VIEW MIRROR