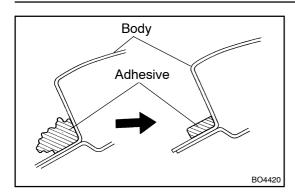
BOSVC 01



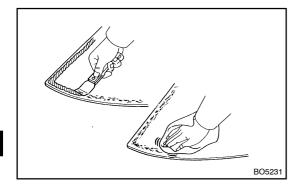
INSTALLATION

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 piece of shop rag saturated in cleaner.

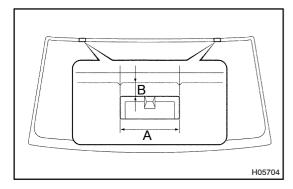


2. CLEAN REMOVED GLASS

- (a) Remove the damaged stoppers and dams.
- (b) Using a scraper, remove the adhesive sticking to the glass.
- (c) Clean the glass with cleaner.

NOTICE:

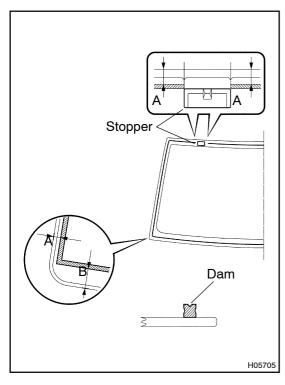
- Do not touch the glass surface after cleaning it.
- Be careful not to damage the glass.



3. INSTALL NEW STOPPERS

Install new stoppers onto the glass.

A: 9 mm (0.35 in.) B: 25 mm (0.98 in.)

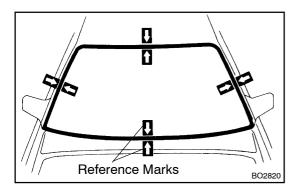


4. INSTALL NEW DAMS

Install new dams with adhesive tape as shown in the illustration.

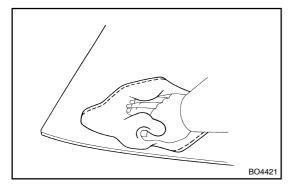
Do not touch the glass surface after cleaning it.

A: 7 mm (0.28 in.) B: 20 mm (0.79 in.)



5. POSITION GLASS

- (a) Place glass in the correct position.
- (b) Check that all contacting parts of the glass rim are perfectly even and do not make contact with the fasteners.
- (c) Place reference marks between the glass and body.
- (d) Remove the glass.

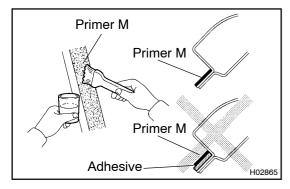


6. CLEAN CONTACT SURFACE OF GLASS

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

NOTICE:

Do not touch the glass surface after cleaning it.

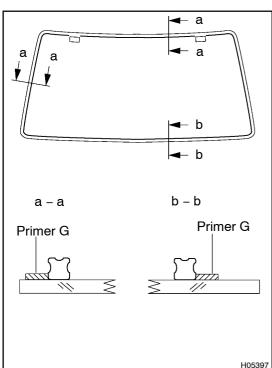


7. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

Using a brush, coat Primer M to the exposed part of body on the vehicle side.

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.

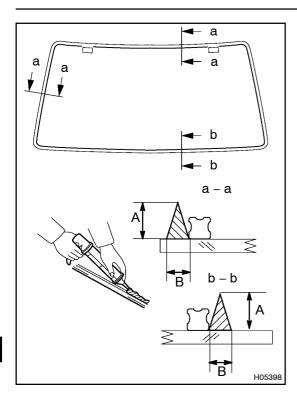


8. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

- (a) Using a brush or 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:

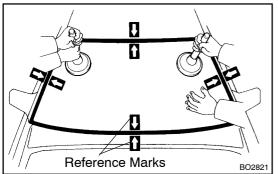
After cutting off the tip, use all adhesive within the time described in the table below.

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.

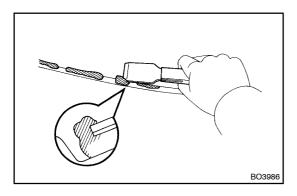
A: 12.0 mm (0.472 in.)

B: 8.0 mm (0.315 in.)

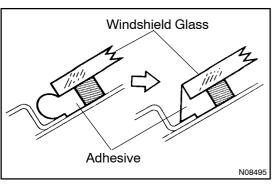


10. INSTALL WINDSHIELD GLASS

- (a) Position the glass so that the reference marks are lined up and press in gently along the rim.
- (b) Using a spatula, apply adhesive on the glass rim.



(c) Use a scraper to remove any excess or protruding adhesive.



HINT

Confirm that the dam is attached to the body panel, as shown in the illustration.

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

NOTICE:

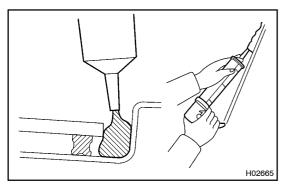
Take care not to drive the vehicle during the time described in the table below.

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

- (a) Conduct a leak test after the hardening time has elapsed.
- (b) Seal any leak with sealant.

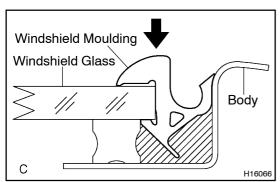
Part No. 08833-00030 or equivalent.



12. APPLY ADHESIVE TO MOULDING INSTALLATION ARFA

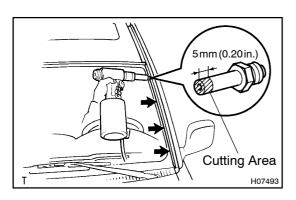
Apply adhesive to the moulding installation area between the glass and the body.

Part No. 08833-00030 or equivalent.



13. INSTALL UPPER OUTSIDE MOULDING

Place a new moulding onto the body and tap it by hand.

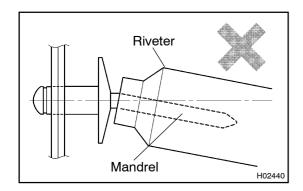


14. INSTALL OUTSIDE NO. 2 MOULDING

(a) Using an air riveter with nose piece No. 4, install 4 new rivets and outside No. 2 moulding.

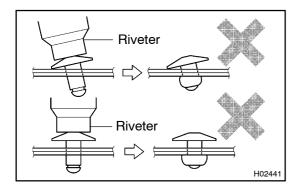
HINT:

Before using the air riveter with nose piece No. 4, cut 5 mm (0.20 in.) at the edge of nose piece No. 4.

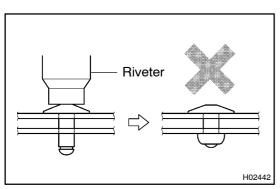


NOTICE:

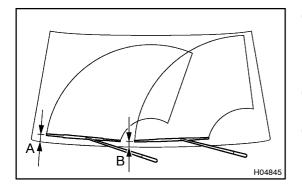
 Prizing a riveter leads to damage to the riveter, loose tightening and bending the mandrel.



 Loose tightening may result from either tilting the riveter while handling or the riveter not connecting to the material.



- Loose tightening also occurs when a rivet is applied between materials without touching.
- (b) Employ the same manner described above to the other side.
- 15. INSTALL COWL TOP VENTILATOR LOUVERS
- (a) Install the cowl top ventilator louver LH.
- (b) Install the cowl top ventilator louver RH.
- 16. INSTALL HOOD TO COWL TOP SEAL
- 17. 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.



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

A: Approx. 30 mm (1.18 in.)

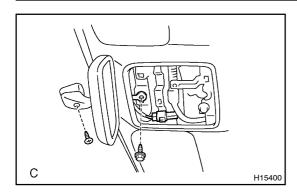
B: Approx. 21 mm (0.83 in.)

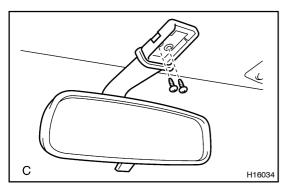
(d) Torque the nuts.

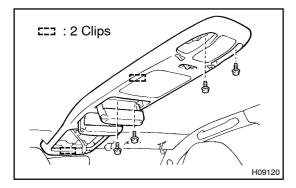
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

(e) Install the 2 wiper arm head caps.

LAND CRUISER (W/G) SUP (RM793E)







18. w/ Electrochromic rear view mirror: INSTALL INNER REAR VIEW MIRROR

- (a) Install the inner rear view mirror with the bolt and screw.
- (b) Connect the connector.
- (c) Install the front side of roof headlining.
- 19. w/o Electrochromic rear view mirror: INSTALL INNER REAR VIEW MIRROR
- (a) Install the front side of roof headlining.
- (b) Install the inner rear view mirror with the screw.

20. Normal roof:

INSTALL INNER REAR VIEW MIRROR

- (a) Install the front side of roof headlining.
- (b) Install the inner rear view mirror with the 2 screws.
- (c) Install the cover.
- 21. w/o Sliding roof:

INSTALL OVERHEAD CONSOLE BOX

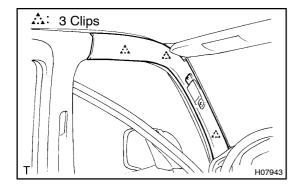
(a) Connect the connector.

- (b) Install the overhead console box with 4 bolts.
- (c) Install the 2 lenses.
- (d) Connect the connector, then install the map lamp assembly with the bolt.
- 22. w/ Sliding roof:

INSTALL OVERHEAD CONSOLE BOX

Connect the connector, then install the overhead console box with the bolt.

- 23. INSTALL HOLDERS
- 24. INSTALL DOUBLE VISORS
- 25. INSTALL SUN VISORS



LAND CRUISER (W/G) SUP (RM793E)

26. INSTALL FRONT PILLAR GARNISH

- (a) Install the front pillar garnish.
- (b) Employ the same manner described above to the other side.
- (c) Driver's side:

Install the assist grip with the 2 screws, then install the 2 assist grip plugs.

(d) Passenger's side:

Install the 2 assist grips with the 4 screws, then install the 4 assist grip plugs.

27. INSTALL FRONT DOOR OPENING TRIMS