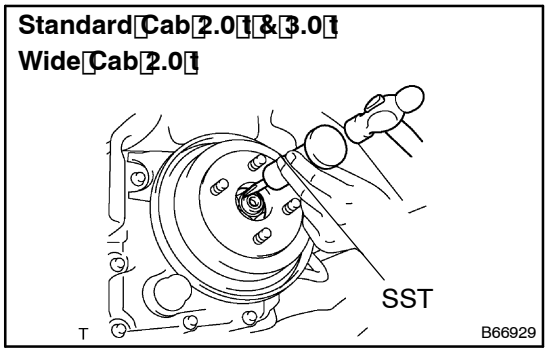
330BK–01

OVERHAUL

1. REMOVE PROPELLER SHAFT ASSY (See pages 30–6, 30–14, 30–22, 30–29)



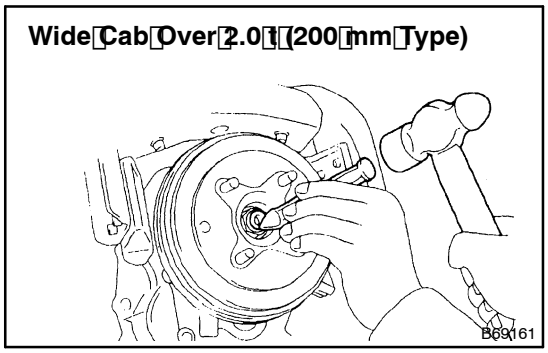
2. REMOVE PARKING BRAKE DRUM SUB–ASSY

(a) Pull the parking brake lever fully.

(b) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:

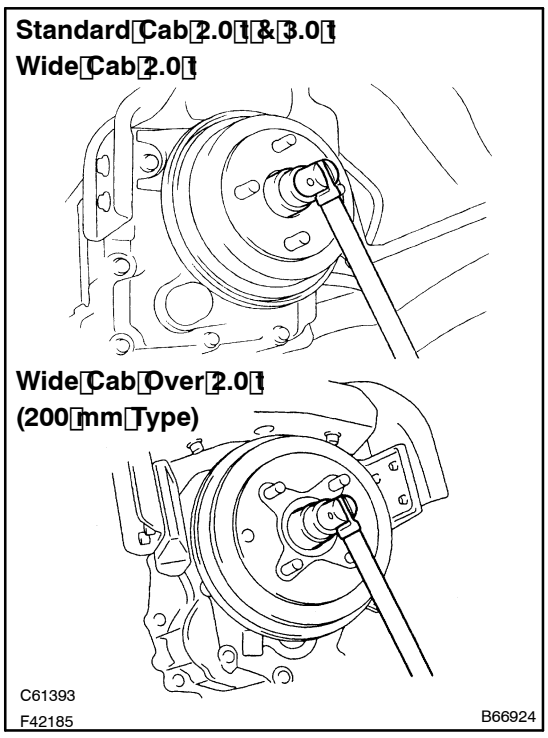
(1) Using a SST and hammer, loosen the staked part of the nut.

SST 09930–00010



(c) Wide cab over 2.0 t (200 mm type):

(1) Using a chisel and hammer, loosen the staked part of the nut.



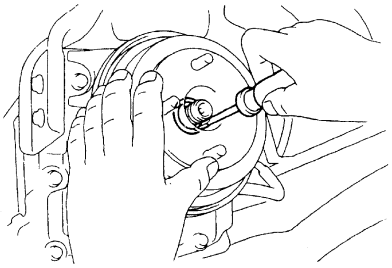
(d) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:

(1) Using a socket wrench (32mm), remove the nut.

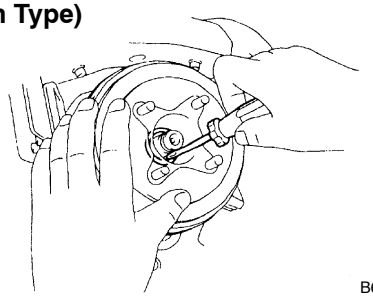
(e) Wide cab over 2.0 t (200 mm type):

(1) Using a socket wrench (32 mm), remove the nut.

Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



Wide Cab Over 2.0 t
(200 mm Type)

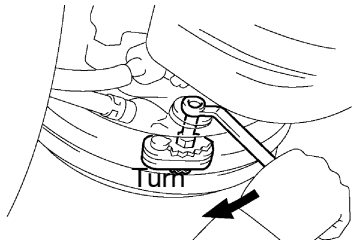


F42542
F42186
B66925

(f) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:
(1) Using a screwdriver, remove the O–ring.
(2) Release the parking brake lever.
(3) Remove the drum.

(g) Wide cab over 2.0 t (200 mm type):
(1) Using a screwdriver, remove the O–ring.
(2) Release the parking brake lever.
(3) Remove the drum.

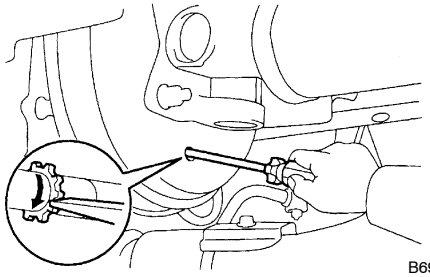
Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



B69162

HINT:
Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:
If the brake drum cannot be removed easily, turn the shoe adjuster clockwise until the drum turns freely.

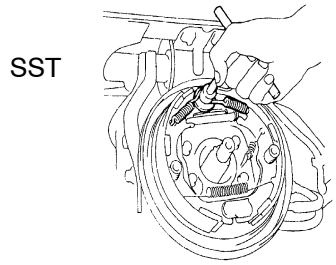
Wide Cab Over 2.0 t (200 mm Type)



B69163

(h) Wide cab over 2.0 t (200 mm type):
HINT:
If the brake drum cannot be removed easily, remove the rubber plug, and turn the shoe adjuster in the direction of the illustrated arrow mark until the drum turns freely.

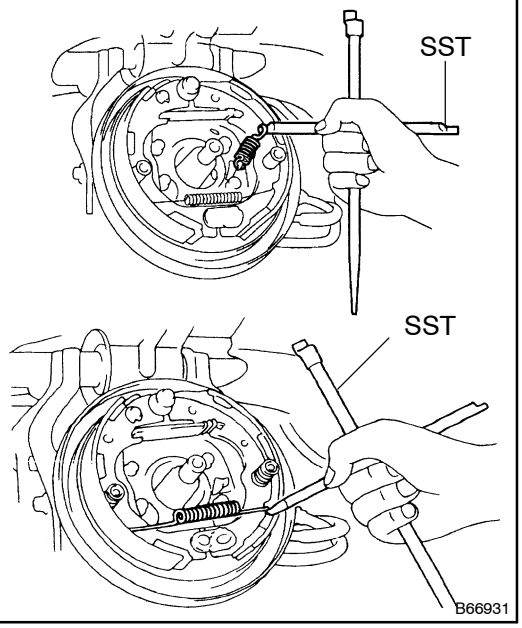
Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



3. REMOVE PARKING BRAKE SHOE RETURN TENSION SPRING

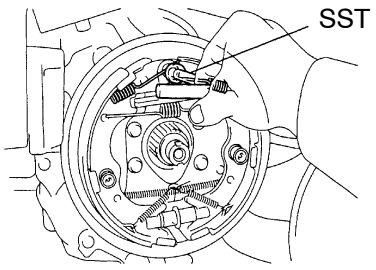
(a) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:
(1) Using SST, remove the 2 return springs on the upper side.
SST 09717–20010
(2) Remove the plate washer.

Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



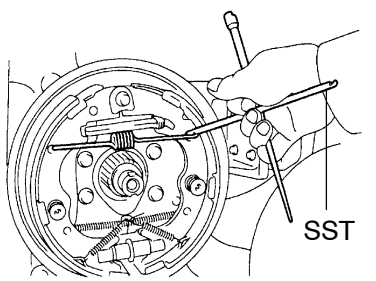
(b) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:
(1) Using SST, remove the 2 return springs on the upper and lower sides.
SST 09703–30010

Wide Cab Over 2.0 t (200 mm Type)



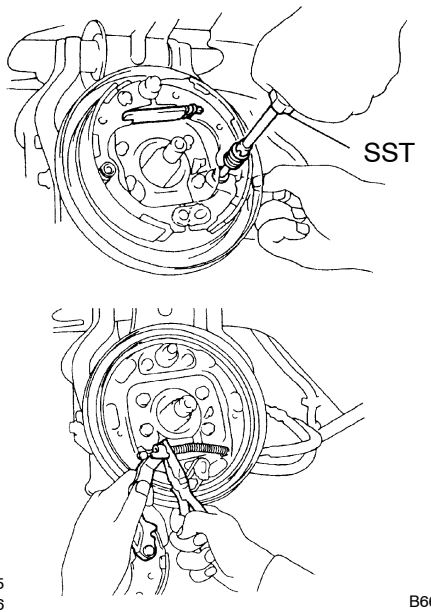
(c) Wide cab over 2.0 t (200 mm type):
(1) Using SST, remove the 2 tension springs.
SST 09717–20010
(2) Remove the plate washer.

Wide Cab Over 2.0 t (200 mm Type)



(3) Using SST, remove the return spring on the upper side.
SST 09703–30010
(4) Remove the 2 return springs on the lower side.

Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



F42175
F42176
B66934

4. REMOVE PARKING BRAKE SHOE

(a) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:

(1) Remove the parking brake shoe lever strut and the compression spring.

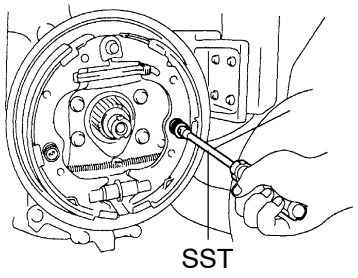
(2) Using SST, remove the shoe hold–down springs, cups and pins.

SST 09718–00010

(3) Remove the parking brake shoe.

(4) Using needle–nose pliers, disconnect the parking brake cable from the shoe lever with the parking brake shoe assy.

Wide Cab Over 2.0 t (200 mm Type)



B69166

(b) Wide cab over 2.0 t (200 mm type):

(1) Using SST, remove the shoe hold–down springs, cups and pins.

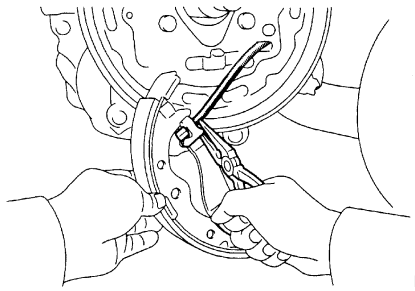
SST 09718–00010

(2) Remove the return spring on the lower side.

(3) Remove the parking brake shoe lever strut and the compression spring.

(4) Remove the parking brake shoe.

Wide Cab Over 2.0 t (200 mm Type)

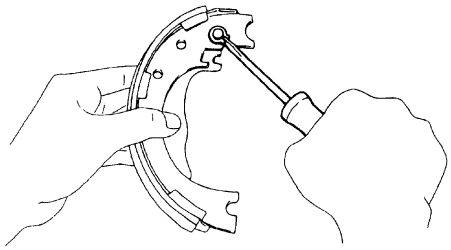


B69167

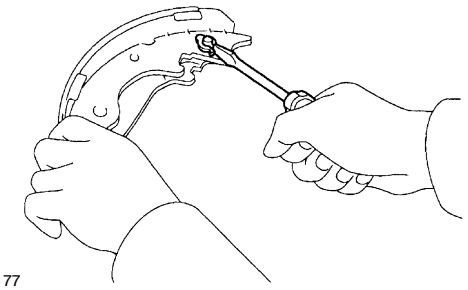
(5) Using needle–nose pliers, disconnect the parking brake cable from the shoe lever.

5. REMOVE PARKING BRAKE SHOE ADJUSTER SUB–ASSY

Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



Wide Cab Over 2.0 t (200 mm Type)



F42177
F42192
B66935

6. REMOVE PARKING BRAKE SHOE LEVER SUB–ASSY

(a) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:
  (1) Using a screwdriver, remove the C–washer and disassemble the shoe and lever.

(b) Wide cab over 2.0 t (200 mm type):
  (1) Using a screwdriver, remove the C–washer and disassemble the shoe and lever.

7. INSPECT PARKING BRAKE DRUM SUB–ASSY

(a) Using a brake drum gauge or equivalent, measure the inside diameter of the drum.

Standard inside diameter:

Standard cab 2.0 t	160.0 mm (6.299 in.)
Standard cab 3.0 t, wide cab 2.0 t	177.8 mm (7.000 in.)
Wide cab over 2.0 t	200.0 mm (7.874 in.)

Maximum inside diameter:

Standard cab 2.0 t	161.0 mm (6.339 in.)
Standard cab 3.0 t, wide cab 2.0 t	178.8 mm (7.039 in.)
Wide cab over 2.0 t	201.0 mm (7.913 in.)

If the drum is scored or worn, the brake drum may be lathed to the maximum inside diameter.

8. INSPECT PARKING BRAKE SHOE LINING THICKNESS

(a) Using vernier calipers, measure the shoe lining thickness.

Standard thickness:

Standard cab 2.0 t	4.0 mm (0.157 in.)
Standard cab 3.0 t, wide cab 2.0 t	3.6 mm (0.142 in.)
Wide cab over 2.0 t	3.8 mm (0.150 in.)

Minimum thickness:

Standard cab 2.0 t	1.5 mm (0.059 in.)
Standard cab 3.0 t, wide cab 2.0 t	1.5 mm (0.059 in.)
Wide cab over 2.0 t	1.0 mm (0.039 in.)

If the shoe lining thickness is less than the minimum or the lining shows signs of uneven wear, replace the brake shoes.

HINT:

If any of the brake shoes have to be replaced, replace all the parking brake shoes in order to maintain even braking effect.

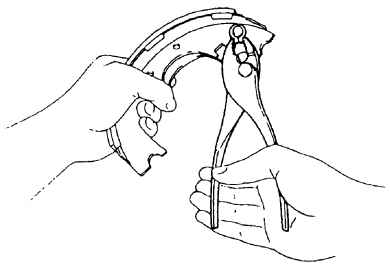
9. INSPECT BRAKE DRUM AND PARKING BRAKE SHOE LINING FOR PROPER CONTACT

(a) Apply some chalk to the inside of the brake drum, and rub the drum and the shoe together.
Standard: There should be no defective contact

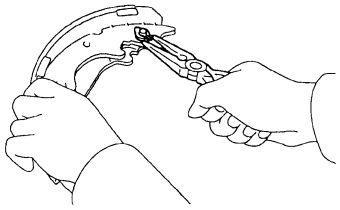
If the contact condition between the brake lining and drum is improper, repair the drum with a shoe grinder or replace the brake shoe assembly.

10. INSPECT PARKING BRAKE PLATE SUB–ASSY

Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



Wide Cab Over 2.0 t (200 mm Type)



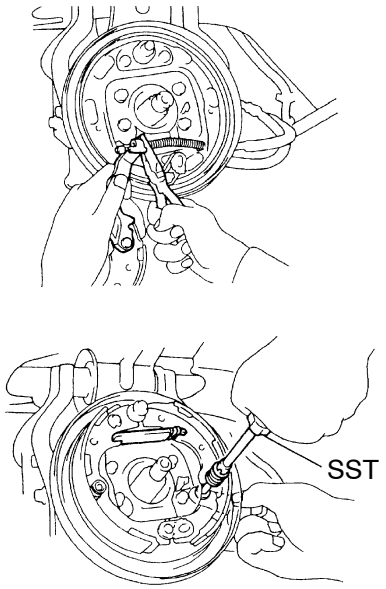
F42181
F42197 B66926

11. INSTALL PARKING BRAKE SHOE LEVER SUB–ASSY

(a) Reassemble the shoe and lever, and then install a new C–washer.

12. INSTALL PARKING BRAKE SHOE ADJUSTER SUB–ASSY

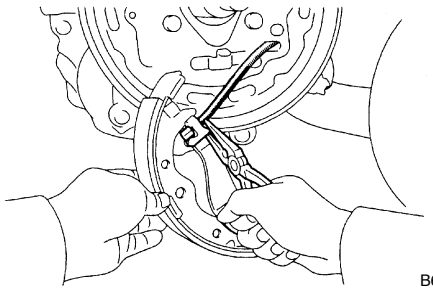
Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



13. INSTALL PARKING BRAKE SHOE

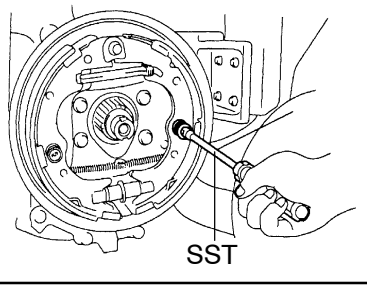
(a) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:
(1) Using needle–nose pliers, connect the parking brake cable to the shoe lever.
(2) Install the parking brake shoe.
(3) Using SST, install the shoe hold–down springs, cups and pins.
SST 09718–00010
(4) Install the parking brake shoe lever strut and compression spring.

Wide Cab Over 2.0 t (200 mm Type)



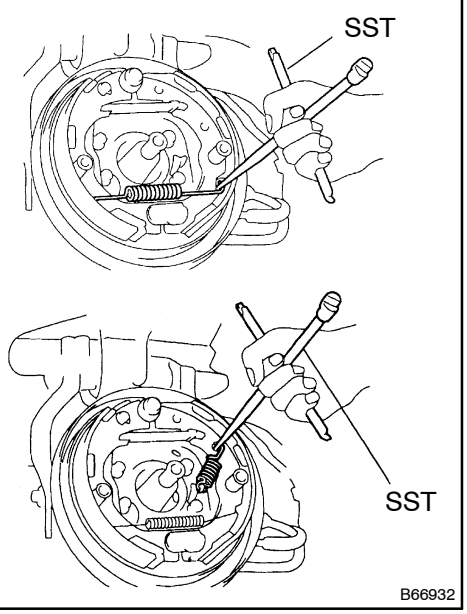
(b) Wide cab over 2.0 t (200 mm type):
(1) Using needle–nose pliers, connect the parking brake cable to the shoe lever.
(2) Install the parking brake shoe.
(3) Install the parking brake shoe lever strut and compression spring.

Wide Cab Over 2.0 t (200 mm Type)



(4) Using SST, install the shoe hold–down springs, cups and pins.
SST 09718–00010
(5) Install the 2 return springs on the lower side.

Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



14. INSTALL PARKING BRAKE SHOE RETURN TENSION SPRING

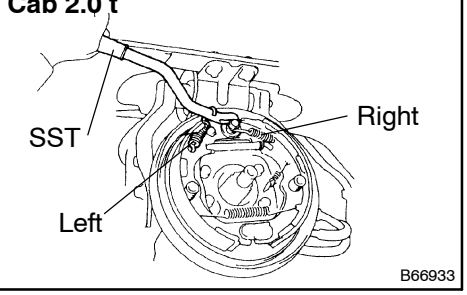
(a) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:

(1) Using SST, install the 2 return springs on the upper and lower sides.

SST 09703–30010

(2) Install the plate washer.

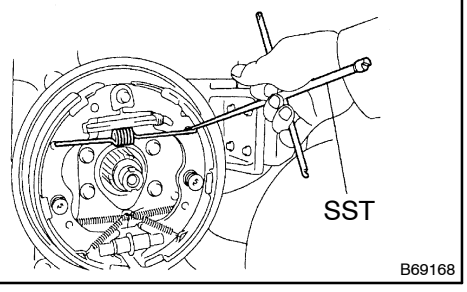
Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



(3) Using SST, install the right return spring, and then install the left return spring.

SST 09718–20010

Wide Cab Over 2.0 t (200 mm Type)



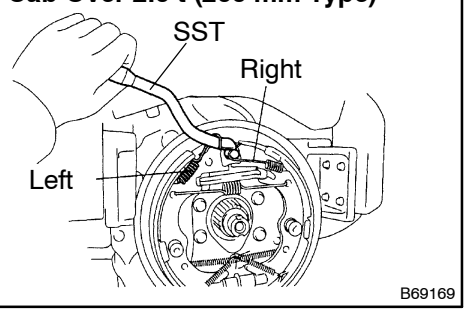
(b) Wide cab over 2.0 t (200 mm type):

(1) Using SST, install the return spring on the upper side.

SST 09703–30010

(2) Install the plate washer.

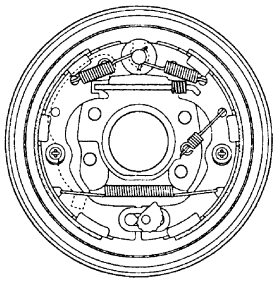
Wide Cab Over 2.0 t (200 mm Type)



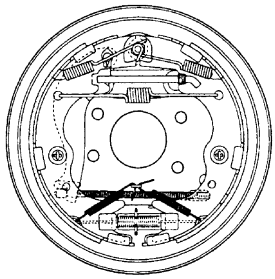
(3) Using SST, install the right tension spring, then install the left tension spring.

SST 09718–20010

Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t



Wide Cab Over 2.0 t (200 mm Type)



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F42196
B66927

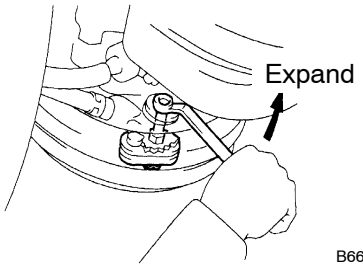
15. CHECK PARKING BRAKE INSTALLATION

(a) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:
  (1) Check that all the parts are installed correctly.
(b) Wide cab over 2.0 t (200 mm type):
  (1) Check that all the parts are installed correctly.

16. INSTALL PARKING BRAKE DRUM SUB–ASSY

(a) Install a new O–ring and the drum.
(b) Temporarily tighten the nut.

Standard Cab 2.0 t & 3.0 t
Wide Cab 2.0 t

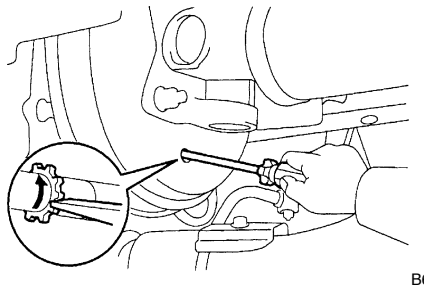


B66937

17. ADJUST PARKING BRAKE SHOE CLEARANCE

(a) Standard cab 2.0 t & 3.0 t, Wide cab 2.0 t:
  (1) Release the parking brake.
  (2) Turn the shoe adjuster counterclockwise until the brake shoes are fully expanded.
  (3) Turn the shoe adjuster clockwise by 1 notch.

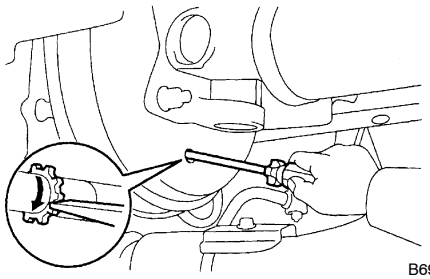
Wide Cab Over 2.0 t (200 mm Type)



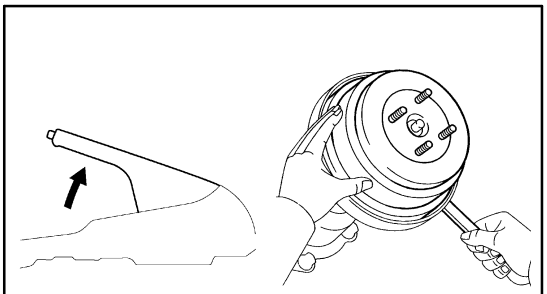
B69170

(b) Wide cab over 2.0 t (200 mm type):
  (1) Release the parking brake.
  (2) Remove the rubber plug by turning the parking brake drum to match the adjusting hole with the shoe adjuster (vehicle's lower side).
  (3) Using a screwdriver, turn the shoe adjuster in the direction of the illustrated arrow mark until the brake shoes are fully expanded.

Wide Cab Over 2.0 t (200 mm Type)



(4) Return the shoe adjuster by 7 – 10 notches.



(c) With the parking brake fully pulled, check that the drum is locked.
(d) Release the parking brake lever, and check that the parking brake is not dragging.

If it is dragging, return the shoe adjuster by 1 notch.

(e) Install the rubber plug.
(f) Check that the parking brake lever travel is correct.

18. TIGHTEN FLANGE SET NUT

(a) Tighten the nut.
Torque: 127 N·m (1,300 kgf·cm, 94 ft·lbf)
(b) Using a SST, stake the nut.
SST 09930–00010

19. INSPECT AND ADJUST PARKING BRAKE LEVER TRAVEL (See page 33–2)

20. INSTALL PROPELLER SHAFT ASSY (See page 30–6, 30–14, 30–22, 30–29)