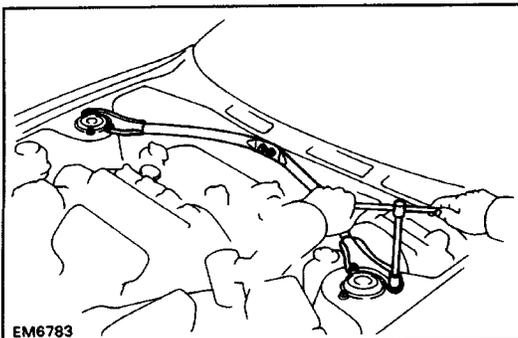
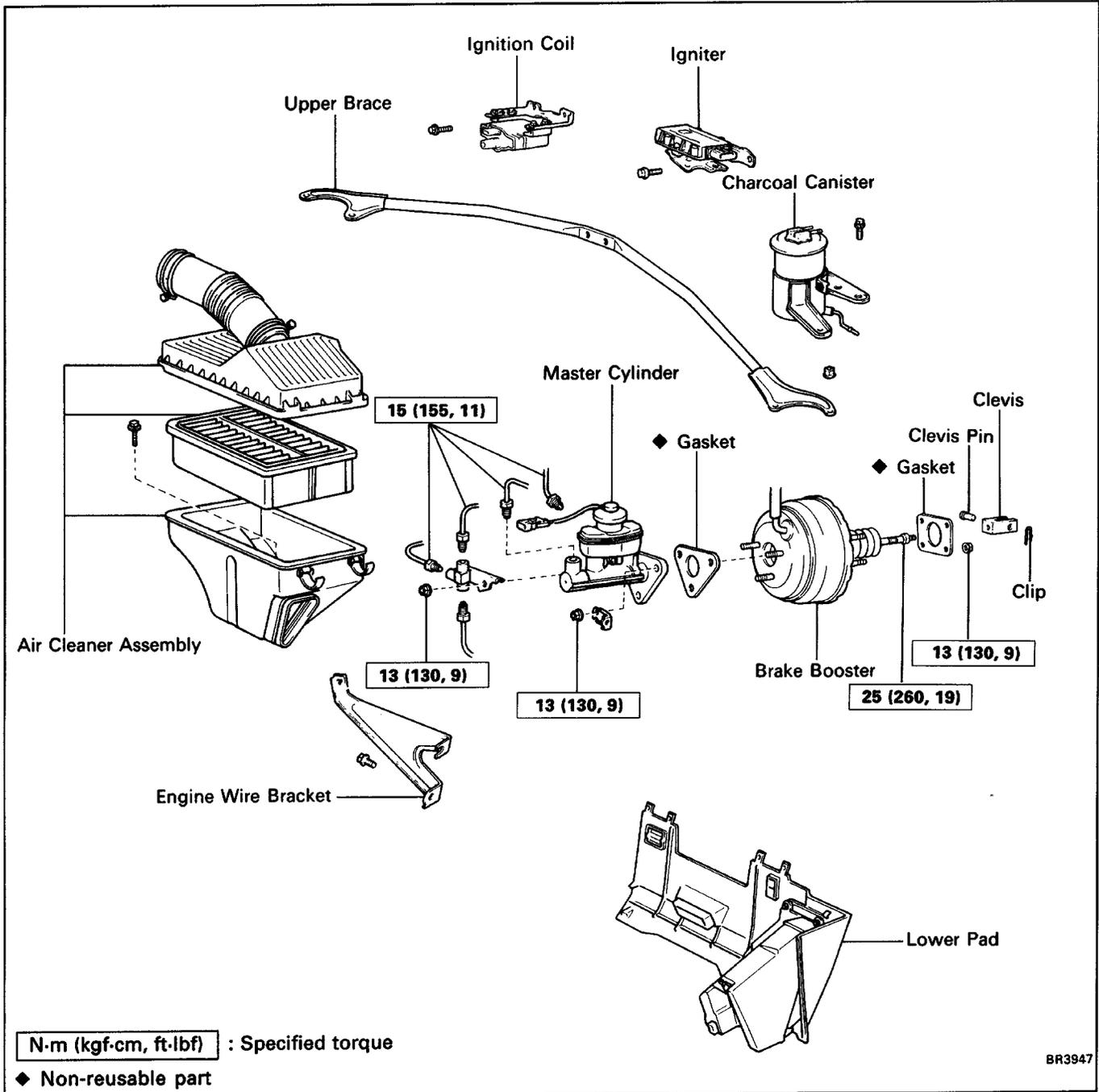


BRAKE BOOSTER

REMOVAL OF BRAKE BOOSTER



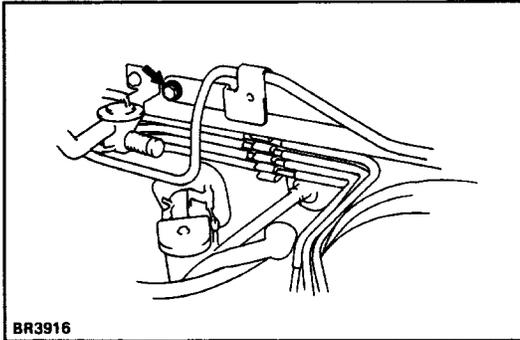
1. REMOVE SUSPENSION UPPER BRACE

- Remove the two wiper arms.
- Remove the outside lower windshield moulding.
- Remove the two bolts, four nuts and upper brace.
- Temporarily fasten the shock absorber with the four nuts.

2. REMOVE LH FRONT WHEEL

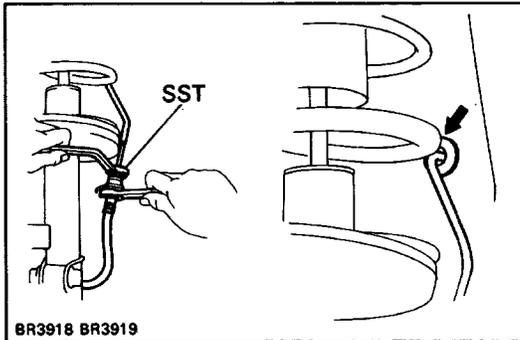
3. REMOVE MASTER CYLINDER

4. REMOVE CHARCOAL CANISTER
5. REMOVE LOWER PAD
6. REMOVE VACUUM HOSE
7. REMOVE PEDAL RETURN SPRING
8. REMOVE CLIP, CLEVIS PIN AND CLEVIS



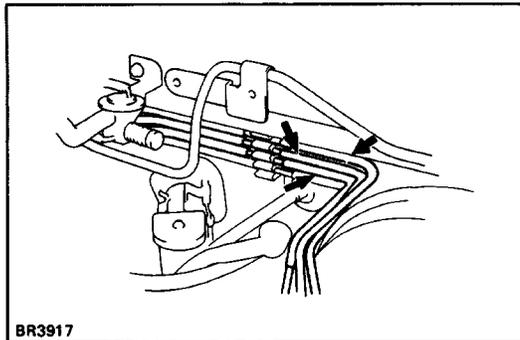
9. REMOVE IGNITION COIL AND IGNITER

- (a) Remove the ignition coil with the bracket.
- (b) Remove the vacuum tube installation bolt.
- (c) Remove the igniter with the bracket.



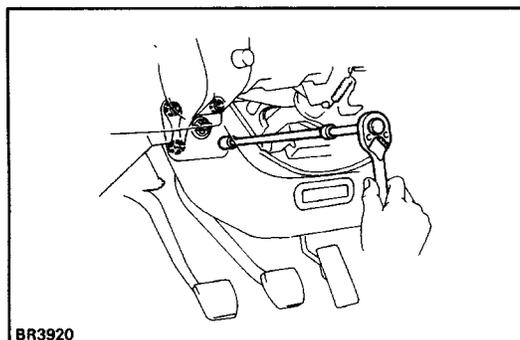
10. REMOVE BRAKE BOOSTER

- (a) Using SST and spanner, disconnect the brake tube from the flexible hose of LH front brake.
SST 09751-36011
- (b) Remove the brake tube grommet from the body.



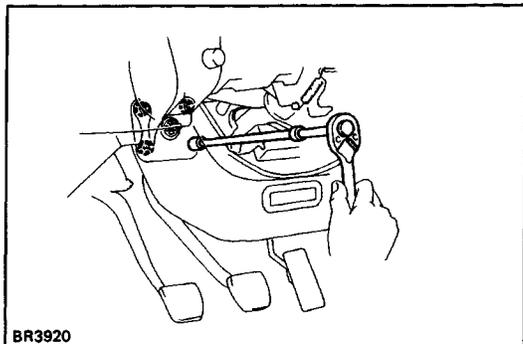
(c) (w/ ABS)

Remove the three brake tubes as shown in the illustration from the No. 1 brake tube clamp.

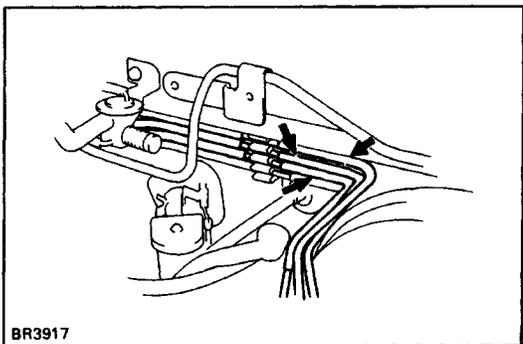


(d) Remove the four nuts.

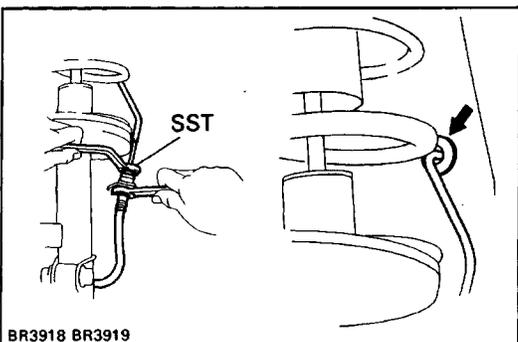
(e) Remove the booster and gasket.



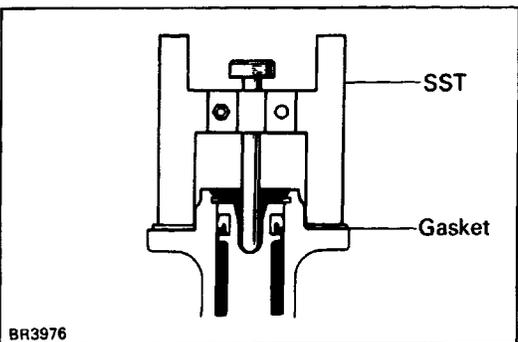
BR3920



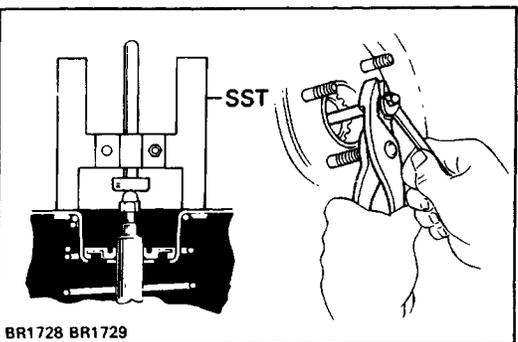
BR3917



BR3918 BR3919



BR3976



BR1728 BR1729

INSTALLATION OF BRAKE BOOSTER

(See page BR-15)

1. INSTALL BRAKE BOOSTER

- (a) Install booster and gasket.
- (b) Install the clevis to the operating rod.
- (c) Install and torque the booster installation nuts.
- Torque: 13 N-m (130 kgf-cm, 9 ft-lbf)**
- (d) Insert the clevis pin into the clevis and brake pedal, and install the clip to the clevis pin.
- (e) Install the pedal return spring.
- (f) (w/ ABS)

Install the three brake tubes to the No. 1 brake tube clamp.

- (g) Using SST and spanner, connect the brake tube to the flexible hose of LH front brake.

SST 09751-36011

Torque: 15 N-m (155 kgf-cm, 11 ft-lbf)

- (h) Install the brake tube grommet to the body.

2. ADJUST LENGTH OF BOOSTER PUSH ROD

- (a) Install the gasket on the master cylinder.
- (b) Set the SST on the gasket, and lower the pin until its tip slightly touches the piston.

SST 09737-00010

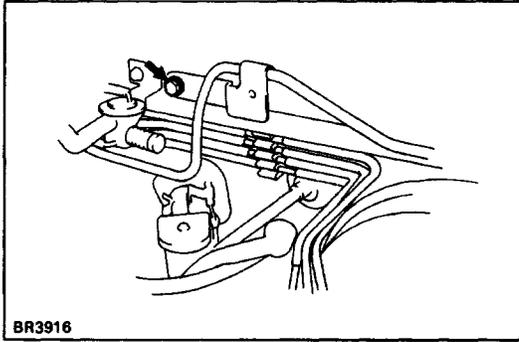
- (c) Turn the SST upside down, and set it on the booster.

- (d) Measure the clearance between the booster push rod and pin head (SST).

Clearance: 0 mm (0 in.)

- (e) Adjust the booster push rod length until the push rod lightly touches the pin head.

HINT: When adjusting the push rod, depress the brake pedal enough so that the push rod sticks out.



3. INSTALL IGNITER AND IGNITION COIL

- (a) Install the igniter with the bracket.
- (b) Install the vacuum tube installation bolt.
- (c) Install the ignition coil with the bracket.

4. INSTALL VACUUM HOSE

5. INSTALL MASTER CYLINDER

(See page [BR-9](#))

6. FILL BRAKE RESERVOIR WITH BRAKE FLUID AND BLEED BRAKE SYSTEM

(See page [BR-7](#))

7. CHECK FOR FLUID LEAKAGE

8. CHECK AND ADJUST BRAKE PEDAL

(SEE PAGE [BR-6](#))

Check and adjust the brake pedal, then tighten the clevis lock nut.

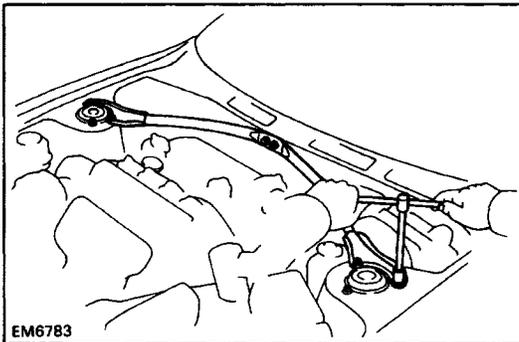
Torque: 25 N-m (260 kgf-cm, 19 ft-lbf)

9. PERFORM OPERATIONAL CHECK

(See page [BR-7](#))

10. INSTALL LOWER PAD

11. INSTALL LEFT SIDE FRONT WHEEL



12. INSTALL SUSPENSION UPPER BRACE

- (a) Remove the four nuts from the shock absorber.
- (b) Install the suspension upper brace with the two bolts and four bolts.

Torque: Bolt 21 N-m (210 kgf-cm, 15 ft-lbf)

Nut 37 N-m (375 kgf-cm, 27 ft-lbf)

- (c) Install the outside lower windshield moulding.
- (d) Install the two wiper arms.