# 18. Brake Hose and Pipe AIRBAG

## SUPPLEMENTAL RESTRAINT SYSTEM "AIRBAG"

Airbag system wiring harness is routed near the center brake pipe.

#### **CAUTION:**

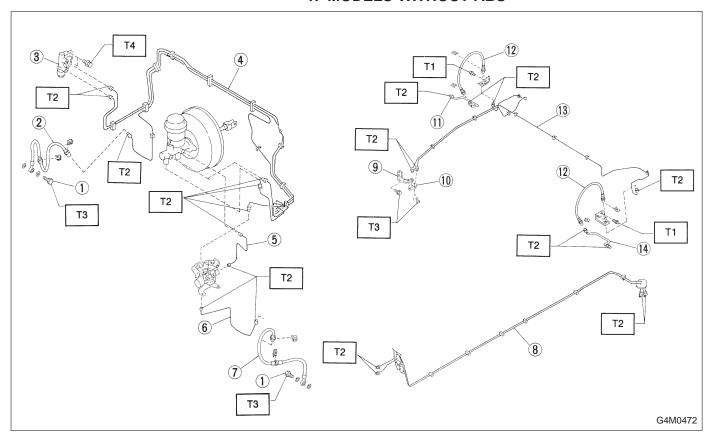
- All Airbag system wiring harness and connectors are colored yellow. Do not use electrical test equipment on these circuit.
- Be careful not to damage Airbag system wiring harness when servicing the center brake pipe.

## A: REMOVAL AND INSTALLATION

### **CAUTION:**

- When removing and installing the brake pipe, make sure that it is not bent.
- After installing the brake pipe and hose, bleed the air.
- After installing the brake hose, make sure that it does not touch the tire or suspension assembly, etc.

#### 1. MODELS WITHOUT ABS



- ① Union bolt
- ② Front brake hose RH
- ③ Proportioning valve
- Front brake pipe
- 5 Front adapter pipe (UPPER)
- f) Front adapter pipe (LOWER)
- (7) Front brake hose LH

- Center brake pipe ASSY
- ④ Connector bracket
- (1) Two-way connector
- (f) Rear brake pipe RH
- Rear brake hose drumRear brake pipe ASSY
- (i) Rear brake pipe LH

Tightening torque: N·m (kg-m, ft-lb)

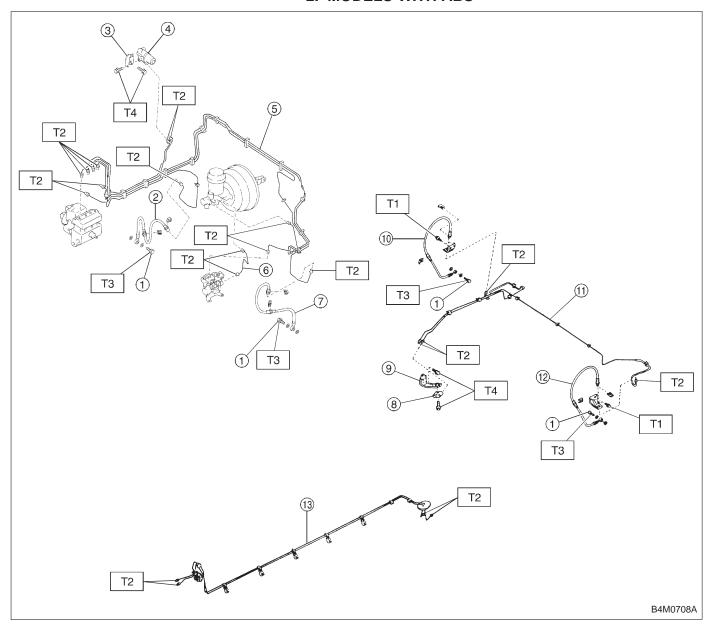
T1: 13±3 (1.3±0.3, 9.4±2.2)

T2:  $15^{+3}_{-2}(1.5^{+0.3}_{-0.2}, 10.8^{+2.2}_{-1.4})$ 

T3: 18±3 (1.8±0.3, 13.0±2.2)

T4: 18±5 (1.8±0.5, 13.0±3.6)

### 2. MODELS WITH ABS



- Union bolt
- 2 Front brake hose RH
- 3 Valve bracket
- 4 Proportioning valve
- (5) Front brake pipe ASSY
- 6 Front adapter pipe
- Front brake hose LH

- Two-way connector
- Connector bracket 9
- 10 Rear brake hose RH
- ① Rear brake pipe ASSY
- Rear brake hose LH (12)
- Center brake pipe ASSY

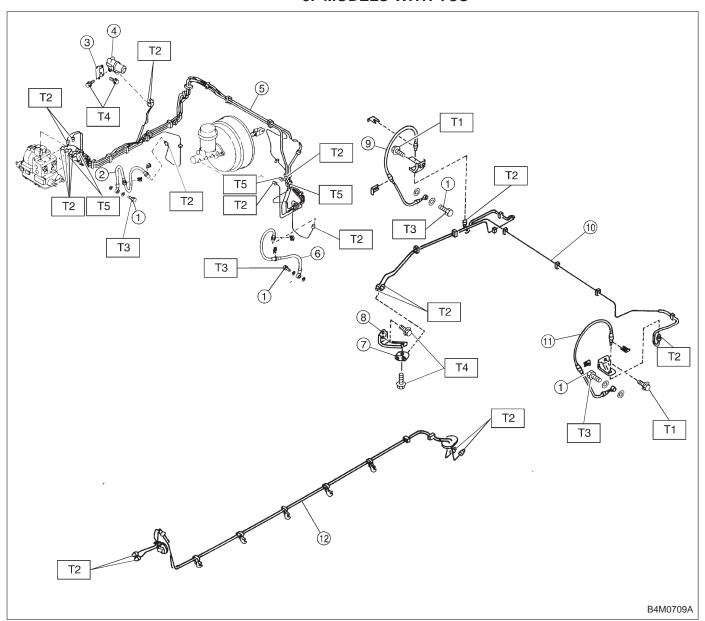
Tightening torque: N·m (kg-m, ft-lb)

T1:  $13\pm 3$  ( $1.3\pm 0.3$ ,  $9.4\pm 2.2$ )
T2:  $15^{+3}_{-2}$  ( $1.5^{+0.3}_{-0.2}$ ,  $10.8^{+2.2}_{-1.4}$ )
T3:  $18\pm 3$  ( $1.8\pm 0.3$ ,  $13.0\pm 2.2$ )

T4: 18±5 (1.8±0.5, 13.0±3.6)

# **SERVICE PROCEDURE**

### 3. MODELS WITH TCS



- ① Union bolt
- Front brake hose RH 2
- Valve bracket 3
- Proportioning valve 4
- Front brake pipe ASSY 5
- Front brake hose LH 6
- 7 Two-way connector

- ® Connector bracket
- Rear brake hose RH 9
- Rear brake pipe ASSY 10
- Rear brake hose LH (1)
- Center brake pipe ASSY

Tightening torque: N·m (kg-m, ft-lb)

T1:  $13\pm 3$  (1.3±0.3, 9.4±2.2) T2:  $15^{+3}_{-2}$  (1.5 $^{+0.3}_{-0.2}$ , 10.8 $^{+2.2}_{-1.4}$ ) T3:  $18\pm 3$  (1.8±0.3, 13.0±2.2)

T4: 18±5 (1.8±0.5, 13.0±3.6) T5: 19±4 (1.9±0.4, 13.7±2.9)