

## 18. Brake Hose and Pipe AIRBAG

### SUPPLEMENTAL RESTRAINT SYSTEM "AIRBAG"

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

**CAUTION:**

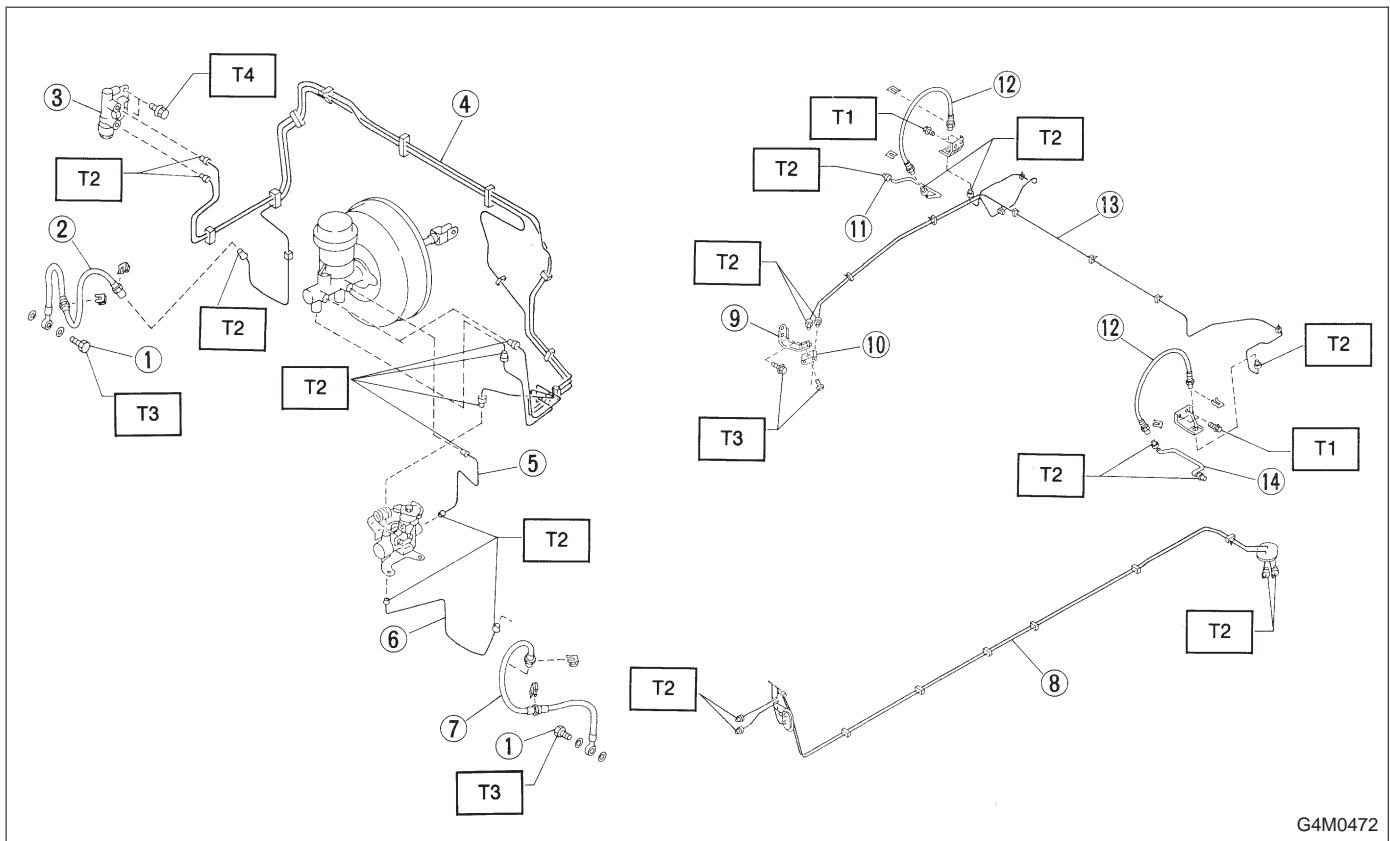
- All Airbag system wiring harness and connectors are colored yellow. Do not use electrical test equipment on these circuit.
- Be careful not to damage Airbag system wiring harness when servicing the center brake pipe.

### 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



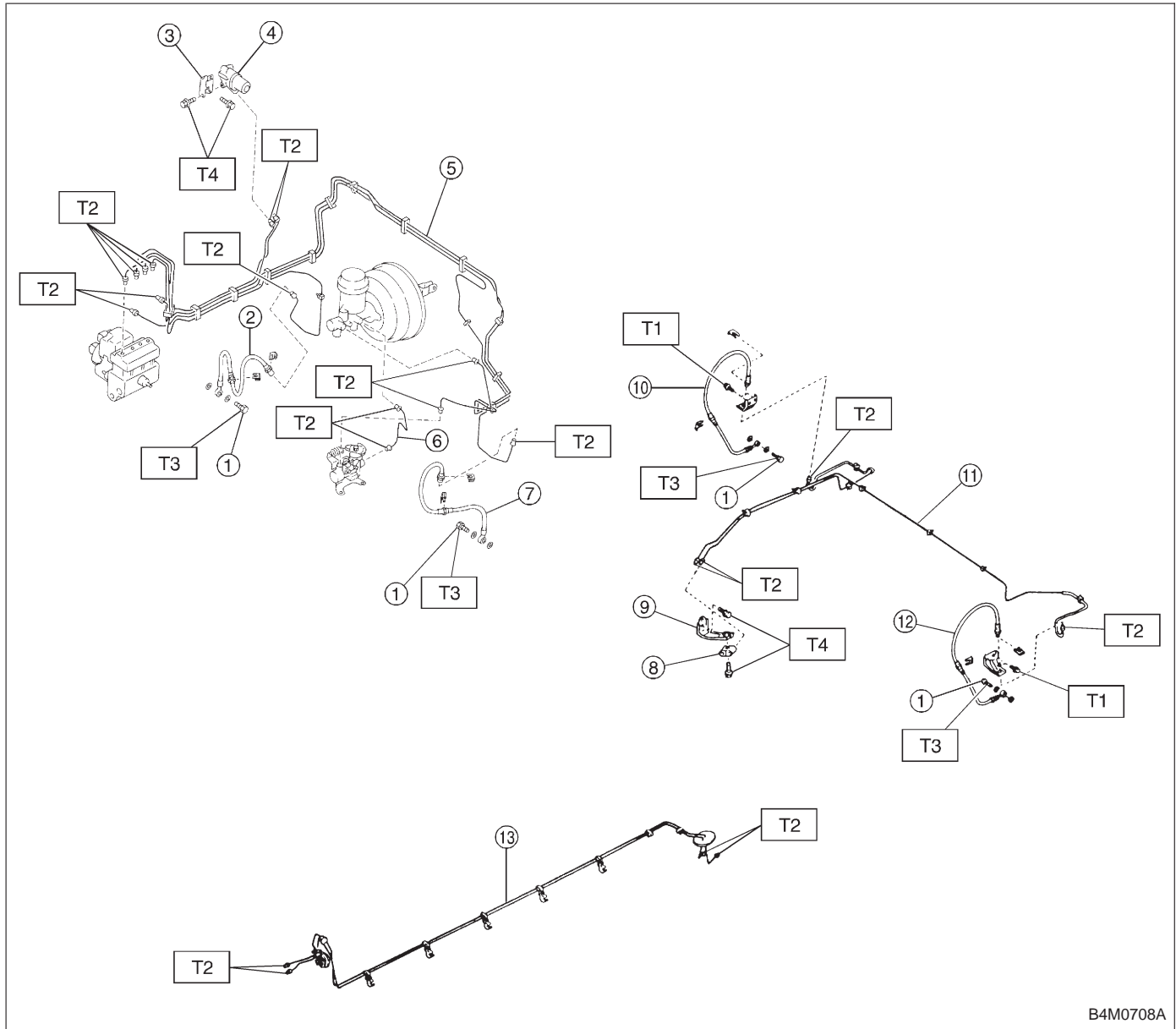
G4M0472

- |                              |                          |
|------------------------------|--------------------------|
| ① Union bolt                 | ⑧ Center brake pipe ASSY |
| ② Front brake hose RH        | ⑨ Connector bracket      |
| ③ Proportioning valve        | ⑩ Two-way connector      |
| ④ Front brake pipe           | ⑪ Rear brake pipe RH     |
| ⑤ Front adapter pipe (UPPER) | ⑫ Rear brake hose drum   |
| ⑥ Front adapter pipe (LOWER) | ⑬ Rear brake pipe ASSY   |
| ⑦ Front brake hose LH        | ⑭ 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<sup>+3</sup><sub>-2</sub> (1.5<sup>+0.3</sup><sub>-0.2</sub>, 10.8<sup>+2.2</sup><sub>-1.4</sub>)  
 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 (EXCEPT ABS 5.3 TYPE)

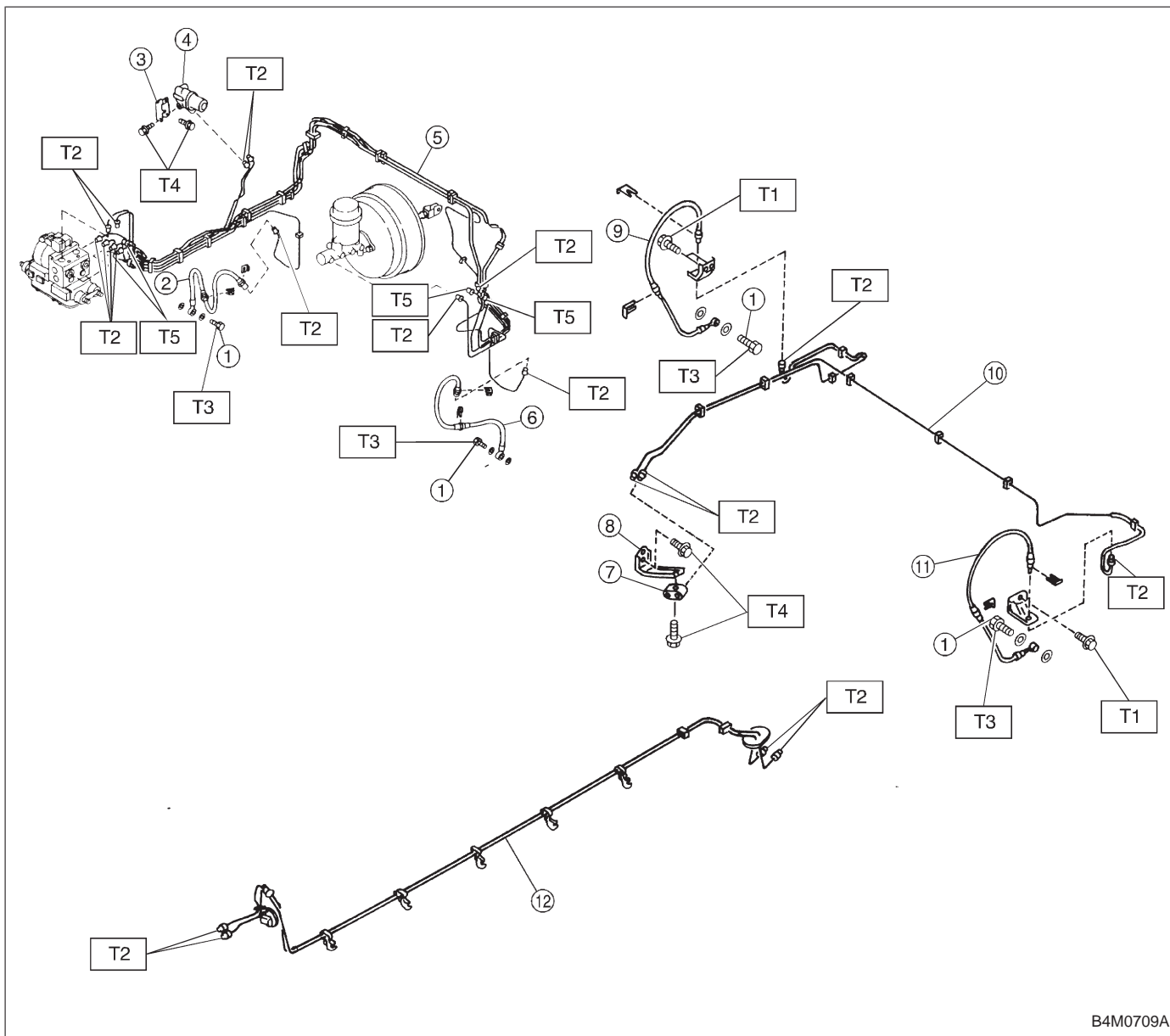


B4M0708A

- |                         |                          |
|-------------------------|--------------------------|
| ① Union bolt            | ⑧ Two-way connector      |
| ② Front brake hose RH   | ⑨ Connector bracket      |
| ③ Valve bracket         | ⑩ Rear brake hose RH     |
| ④ Proportioning valve   | ⑪ Rear brake pipe ASSY   |
| ⑤ Front brake pipe ASSY | ⑫ Rear brake hose LH     |
| ⑥ Front adapter pipe    | ⑬ Center brake pipe ASSY |
| ⑦ Front brake hose LH   |                          |

**Tightening torque: N·m (kg·m, ft·lb)**  
**T1: 13±3 (1.3±0.3, 9.4±2.2)**  
**T2: 15<sup>+3</sup><sub>-2</sub> (1.5<sup>+0.3</sup><sub>-0.2</sub>, 10.8<sup>+2.2</sup><sub>-1.4</sub>)**  
**T3: 18±3 (1.8±0.3, 13.0±2.2)**  
**T4: 18±5 (1.8±0.5, 13.0±3.6)**

3. MODELS WITH TCS



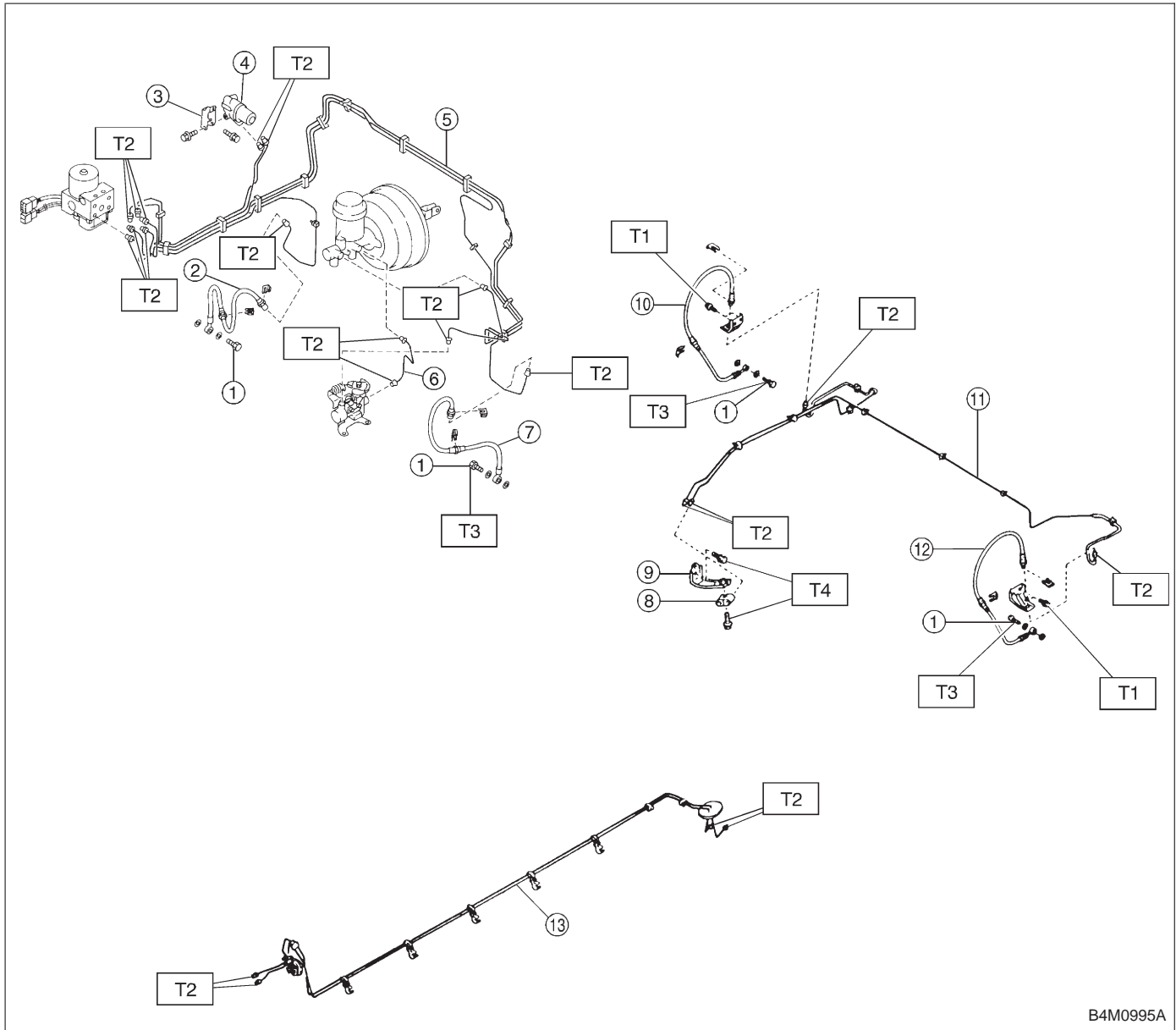
B4M0709A

- ① Union bolt
- ② Front brake hose RH
- ③ Valve bracket
- ④ Proportioning valve
- ⑤ Front brake pipe ASSY
- ⑥ Front brake hose LH
- ⑦ Two-way connector
- ⑧ Connector bracket
- ⑨ Rear brake hose RH
- ⑩ Rear brake pipe ASSY
- ⑪ Rear brake hose LH
- ⑫ Center brake pipe ASSY

**Tightening torque: N·m (kg·m, ft·lb)**

- T1: 13±3 (1.3±0.3, 9.4±2.2)
- T2: 15<sup>+3</sup><sub>-2</sub> (1.5<sup>+0.3</sup><sub>-0.2</sub>, 10.8<sup>+2.2</sup><sub>-1.4</sub>)
- T3: 18±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)

4. MODELS WITH ABS (ABS 5.3 TYPE)

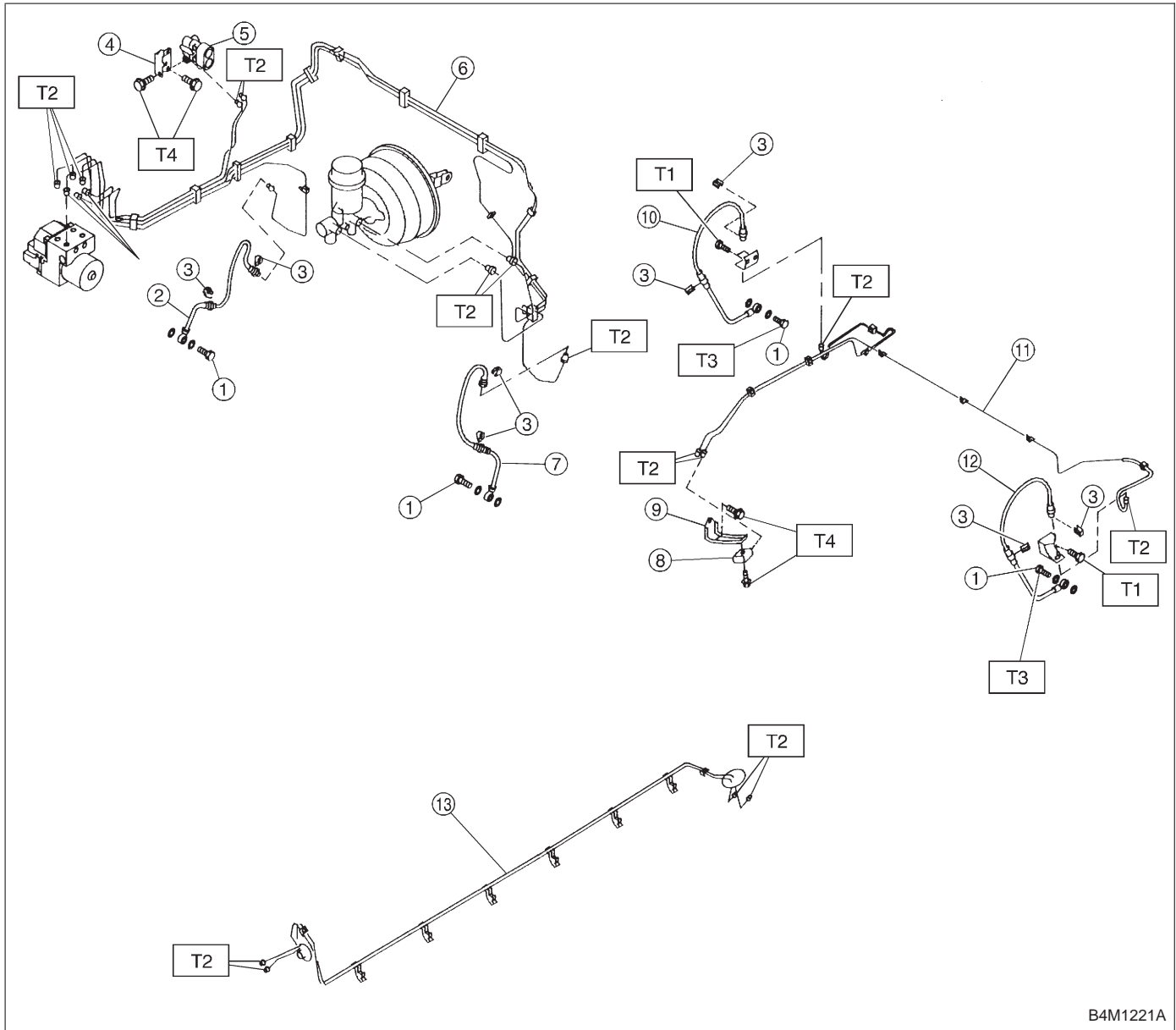


B4M0995A

- |                         |                          |
|-------------------------|--------------------------|
| ① Union bolt            | ⑨ Connector bolt         |
| ② Front brake hose RH   | ⑩ Rear brake hose RH     |
| ③ Valve bracket         | ⑪ Rear brake pipe ASSY   |
| ④ Proportioning valve   | ⑫ Rear brake hose LH     |
| ⑤ Front brake pipe ASSY | ⑬ Center brake pipe ASSY |
| ⑥ Front adapter pipe    |                          |
| ⑦ Front brake hose LH   |                          |
| ⑧ Two-way connector     |                          |

**Tightening torque: N·m (kg·m, ft·lb)**  
**T1: 13±3 (1.3±0.3, 9.4±2.2)**  
**T2: 15±2 (1.5±0.3, 10.8±2.2)**  
**T3: 18±3 (1.8±0.3, 13.0±2.2)**  
**T4: 18±5 (1.8±0.5, 13.0±3.6)**

5. MODELS WITH ABS (ABS 5.3i TYPE)



B4M1221A

- |                         |                          |
|-------------------------|--------------------------|
| ① Union bolt            | ⑨ Connector bracket      |
| ② Front brake hose RH   | ⑩ Rear brake hose RH     |
| ③ Clip                  | ⑪ Rear brake pipe ASSY   |
| ④ Valve bracket         | ⑫ Rear brake hose LH     |
| ⑤ Proportioning valve   | ⑬ Center brake pipe ASSY |
| ⑥ Front brake pipe ASSY |                          |
| ⑦ Front brake hose LH   |                          |
| ⑧ Two-way connector     |                          |

**Tightening torque: N·m (kg-m, ft-lb)**

**T1: 13±3 (1.3±0.3, 9.4±2.2)**

**T2: 15<sup>+3</sup><sub>-2</sub> (1.5<sup>+0.3</sup><sub>-0.2</sub>, 10.8<sup>+2.2</sup><sub>-1.4</sub>)**

**T3: 18±3 (1.8±0.3, 13.0±2.2)**

**T4: 18±5 (1.8±0.5, 13.0±3.6)**