



## 13. Proportioning Valve

### A: INSPECTION

- 1) Install the oil pressure gauges to measure the master cylinder fluid pressure (front wheel brake fluid pressure) and rear wheel cylinder fluid pressure.
- 2) Bleed air from the oil pressure gauges.
- 3) Check the master cylinder fluid pressure and rear wheel cylinder fluid pressure.

The standard values are shown in Figure.

- 4) For the oil pressure in case of split point, refer to A: SPECIFICATIONS 4-4 [S0A0].

### B: REMOVAL

- 1) Remove brake pipe from proportioning valve at four places.
- 2) Remove proportioning valve from its bracket.

#### CAUTION:

**Do not disassemble or adjust the proportioning valve. (The proportioning valve must be replaced as an assembly.)**

### C: INSTALLATION

- 1) Install proportioning valve to bracket.
- 2) Connect brake pipes correctly to proportioning valve.
- 3) Bleed air, then check each joint of brake pipe for oil leaks.

#### Tightening torque:

**Proportioning valve to brake pipe flare nut:**

$15^{+3}_{-2}$  N·m ( $1.5^{+0.3}_{-0.2}$  kg·m,  $10.8^{+2.2}_{-1.4}$  ft·lb)

**Proportioning valve to bracket:**

$18 \pm 5$  N·m ( $1.8 \pm 0.5$  kg·m,  $13.0 \pm 3.6$  ft·lb)