

## GROUP 4 FAN DRIVE CIRCUIT FOR COOLING SYSTEM

### 1. REQUIRED TOOL

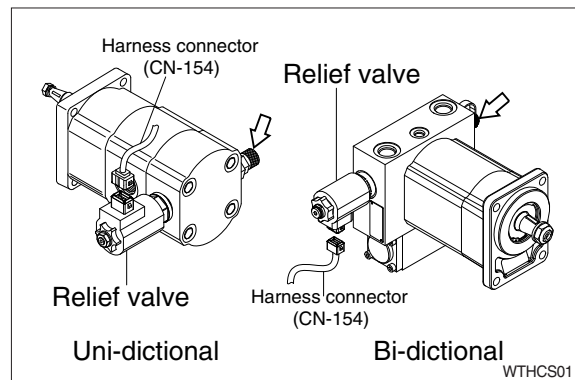
| Item           | Spec                               |       |
|----------------|------------------------------------|-------|
| Pressure gauge | 200 kgf/cm <sup>2</sup> (2840 psi) |       |
| rpm gauge      | 200~2000 rpm                       |       |
| Tool           | Wrench                             | 13 mm |
|                | Hex. wrench                        | 3 mm  |

### 2. PRESSURE CHECK AND ADJUSTMENT

#### 1) Specification

| Cooling fan speed (rpm) | Pressure [kgf/cm <sup>2</sup> (psi)] |
|-------------------------|--------------------------------------|
| 950 ± 10                | 70 ± 5 (995 ± 70)                    |

#### 2) Check point



#### 3) Pressure check

- (1) Install the pressure gauge to fan drive motor (⇔)
- (2) Disconnect CN-154.
- (3) Check the fan drive motor pressure at high engine rpm.
- (4) Check the cooling fan speed using rpm gauge at high engine rpm.

#### 4) Adjustment

- (1) Turn the adjusting screw clockwise to increase the cooling fan rpm and relief pressure.
- (2) Turn the adjusting screw counter clockwise to decrease the cooling fan rpm and relief pressure.

