

3. MONITORING SYSTEM

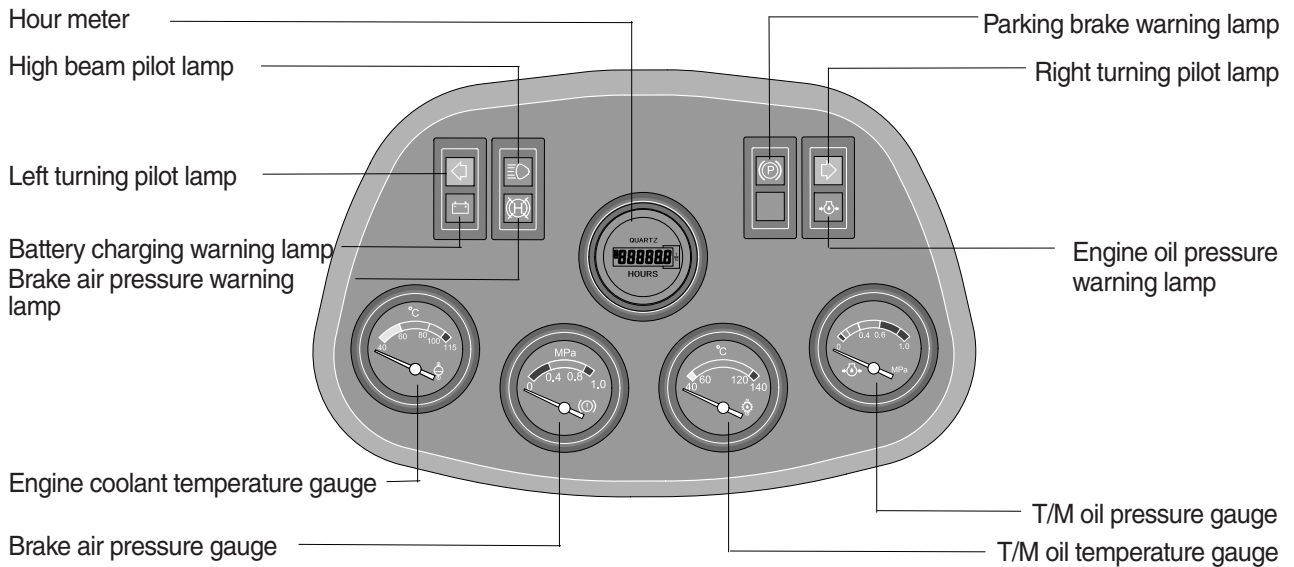
1. CLUSTER

The gauges panel consists of gauges and monitors as shown below, to warn the operator in case of abnormal machine operation or conditions for the appropriate operation and inspection.

- Gauges : Indicate operating status of the machine.
- Warning lamp : Indicate abnormality of the machine.
- Pilot lamp : Indicate operating status of the machine.

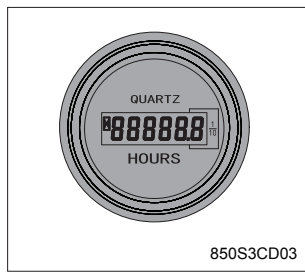
※ The monitor installed on this machine does not entirely guarantee the condition of the machine. Daily inspection should be performed according to chapter 6, Maintenance in operator's manual.

※ When the monitor provides a warning immediately check the problem, and perform the required action.



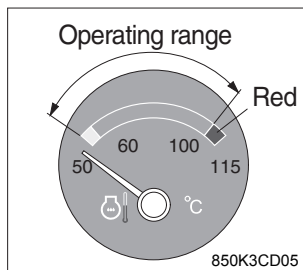
850S3CD02

1) HOUR METER



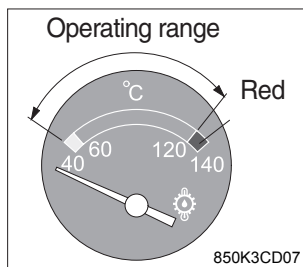
- (1) This gauge indicates the working time of engine. Its reading can be used as repair and maintenance basis.

2) ENGINE COOLANT TEMPERATURE GAUGE



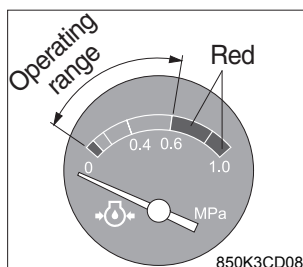
- (1) This gauge indicates the temperature of coolant.
Red range : Above 100°C
- (2) If the indicator is in operating range, it is normal.
- (3) Keep idling engine at low speed until the indicator is in the operating range.
- (4) If the indicator is in the red range, keep idling engine at low speed for 5 minutes, turn off the engine and check the radiator and engine.

3) TRANSMISSION OIL TEMPERATURE GAUGE



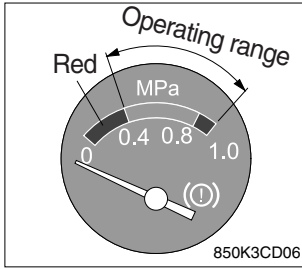
- (1) This gauge indicates the temperature of transmission oil.
Red range : Above 120°C
- (2) If the indicator is in operating range, it is normal.
- (3) Keep idling engine at low speed until the indicator is in the operating range.
- (4) If the indicator is in the red range, it means the transmission is overheated. Be careful that the indicator does not move into the red range.

4) TRANSMISSION OIL PRESSURE GAUGE



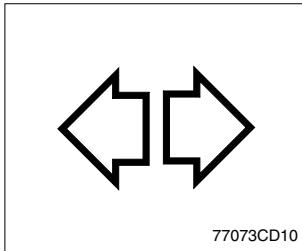
- (1) This gauge indicates the pressure of transmission oil.
- (2) If the indicator is in operating range, it is normal.
- (3) If the indicator is in the red range, stop the engine and check the transmission system.

5) BRAKE AIR PRESSURE GAUGE



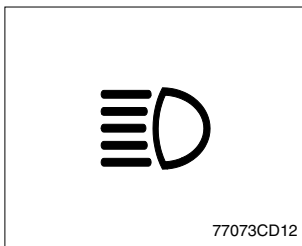
- (1) This gauge indicates the air pressure of service brake.
Red range : Below 0.4 MPa
- (2) If the indicator is in operating range, it is normal.
- (3) If the indicator is in the red range, keep idling engine at low speed until the operating range indicates.

6) DIRECTION PILOT LAMP



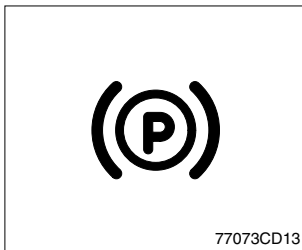
- (1) This lamp flashes when the signal indicator lever is moved.
- (2) When the lamp lights up, the alarm (50 dB) sounds.

7) HIGH BEAM PILOT LAMP



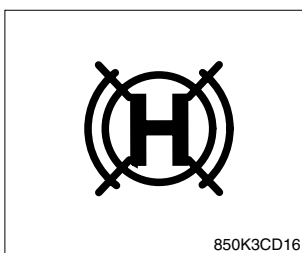
- (1) This lamp works when the illuminating direction is upward.
- (2) This lamp comes ON when the dimmer switch is operated, e.g., when passing another vehicle.

8) PARKING BRAKE WARNING LAMP



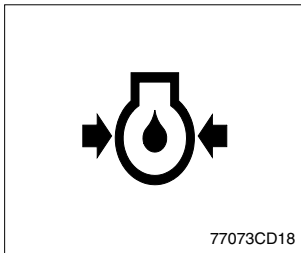
- (1) When the parking brake is actuated, the lamp lights ON.
※ Check the lamp is OFF before driving.

9) BRAKE AIR PRESSURE WARNING LAMP



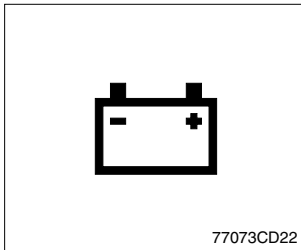
- (1) The lamp lights ON when the air pressure of service brake drops below the normal range.
- (2) When the lamp is ON, stop the engine and check for its cause.
※ Do not operate until any problems are corrected.

10) ENGINE OIL PRESSURE WARNING LAMP



- (1) This lamp is comes ON after starting the engine because of the low oil pressure.
- (2) If the lamp comes ON during engine operation, shut OFF engine immediately. Check oil level.

11) BATTERY CHARGING WARNING LAMP



- (1) This lamp is ON when key ON, it is turned OFF after starting the engine.
- (2) Check the battery charging circuit when this lamp comes ON during engine operation.