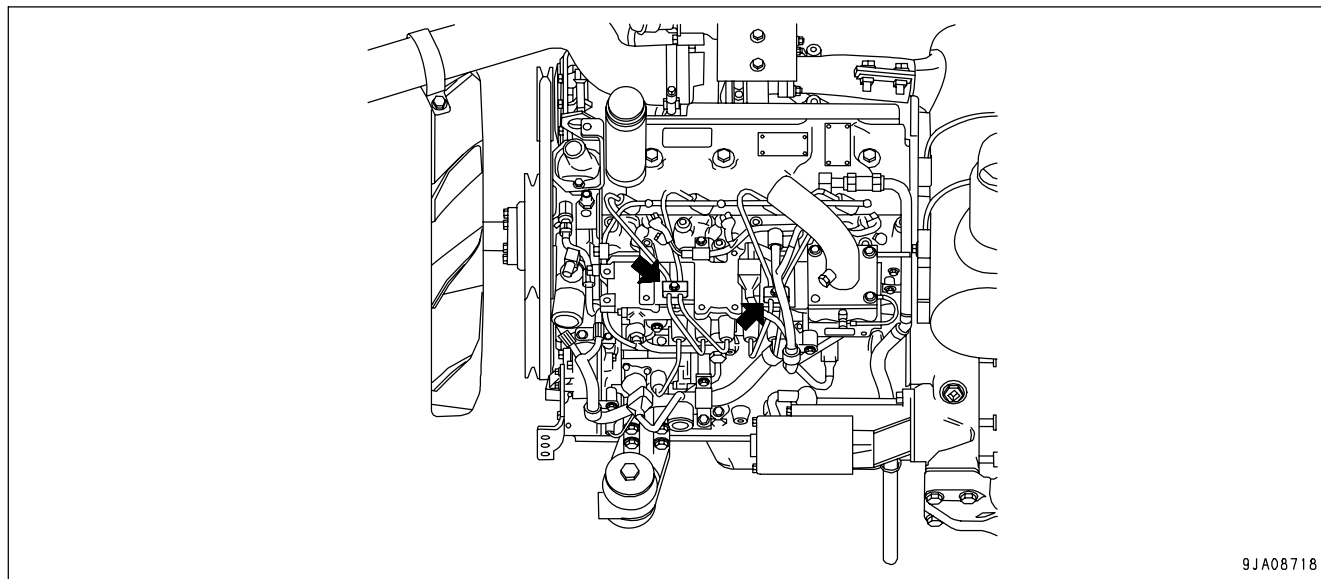
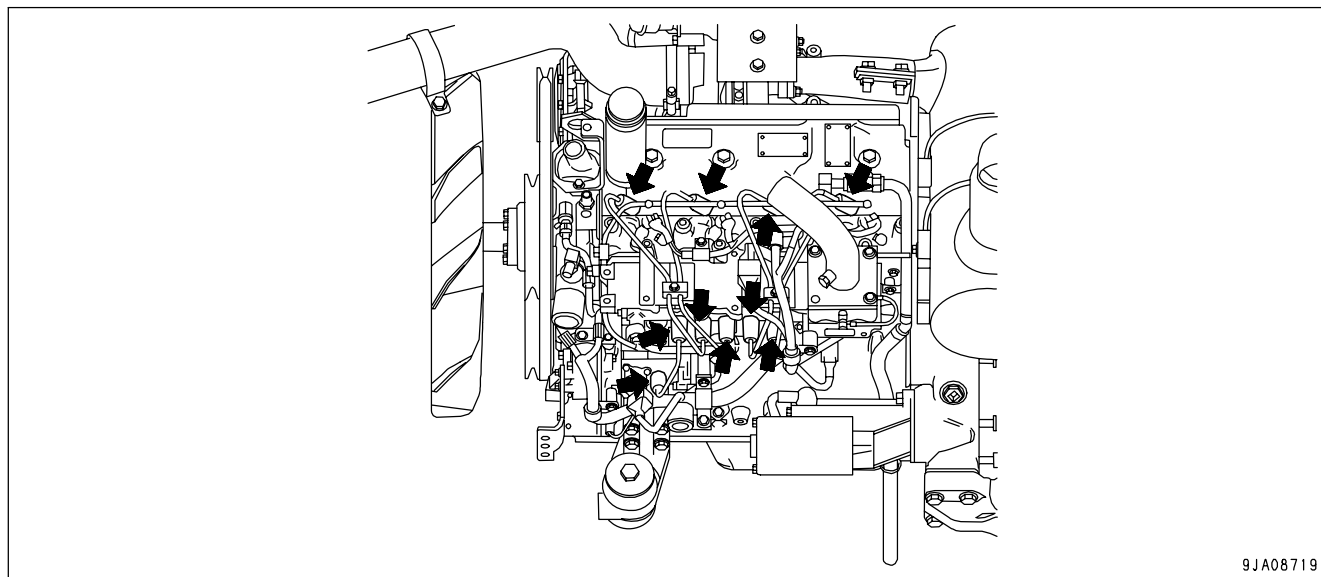


**CHECK FOR LOOSENESS OF HIGH-PRESSURE PIPING CLAMP, HARDENING OF RUBBER**

Check visually and touch by hand to check that there is no hardening of the rubber and no loose bolts of the mounting clamps (2 places) for the high-pressure piping between the supply pump and the common rail. If there are any problems, the parts must be replaced. In this case, please ask your Komatsu distributor to carry out replacement.

**CHECK FOR MISSING FUEL SPRAY PREVENTION CAP, HARDENING OF RUBBER**

The fuel spray prevention caps (10 places) on the fuel injection piping and both ends of the high-pressure piping act to prevent the fuel from coming into contact with high-temperature parts of the engine and causing a fire if the fuel should leak or spray out. Check visually and touch by hand to check that there are no missing caps, loose bolts or hardening of the rubber. If there are any problems, the parts must be replaced. In this case, please ask your Komatsu distributor to carry out replacement.

## EVERY 5000 HOURS MAINTENANCE

Carry out the periodic maintenance work of every 100, 250, 500 and 1000 hours of operation at the same time.

### CHANGE OIL IN HYDRAULIC TANK



#### WARNING

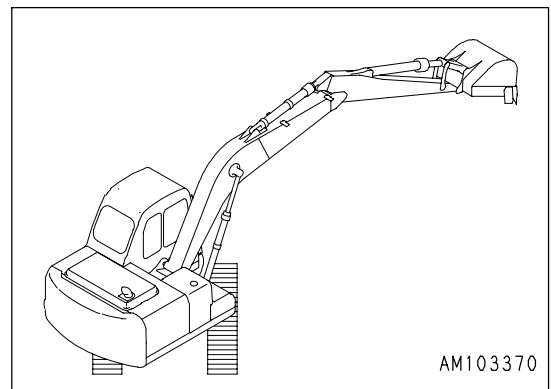
- The parts and oil are at high temperature immediately after the engine is stopped, and may cause burns. Wait for the temperature to go down before starting the work.
- When removing the oil filler cap, turn it slowly to release the internal pressure, then remove it.

#### NOTICE

If the machine is equipped with a hydraulic breaker, the hydraulic oil will deteriorate much faster than during normal bucket operations. For details, see "MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER (PAGE 4-17)" when carrying out maintenance.

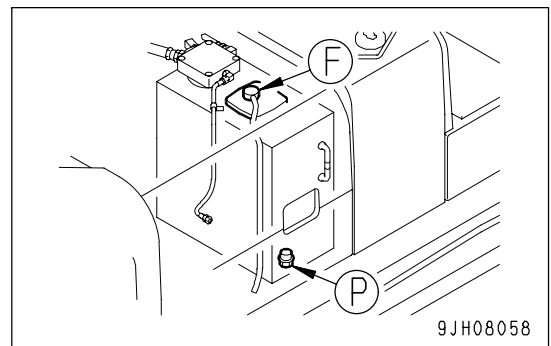
- Refill oil amount: 90 liters (23.78 US gal)
- Prepare a handle (for the socket wrench).

1. Swing so that the drain plug at the bottom of the hydraulic tank is in the middle between the left and right tracks.
2. Retract the arm and bucket cylinders, then lower the boom and put the teeth in contact with the ground.
3. Set the lock lever to the LOCK position and stop the engine.



4. Remove cover at the top of the hydraulic tank, then remove the cap of oil filler (F) over the hydraulic tank.
5. Remove cover at the under of the hydraulic tank, then set the oil container under the drain plug under the machine. Using the handle, remove drain plug (P) and drain the oil. Check the O-ring installed to plug (P), and if it is damaged, replace the O-ring. After draining the oil, tighten drain plug (P). Tightening torque: 58.8-78.4 Nm (6-8 kgm, 43.4-57.9 lbft).

- Take care not to get oil on yourself when you remove drain plug (P).



6. Add the replacement amount of oil through oil filler (F). Check that the oil level is between the H and L lines on the sight gauge.

For details of oil level check, see "Check Oil Level in Hydraulic Tank, Add Oil (PAGE 3-113)".