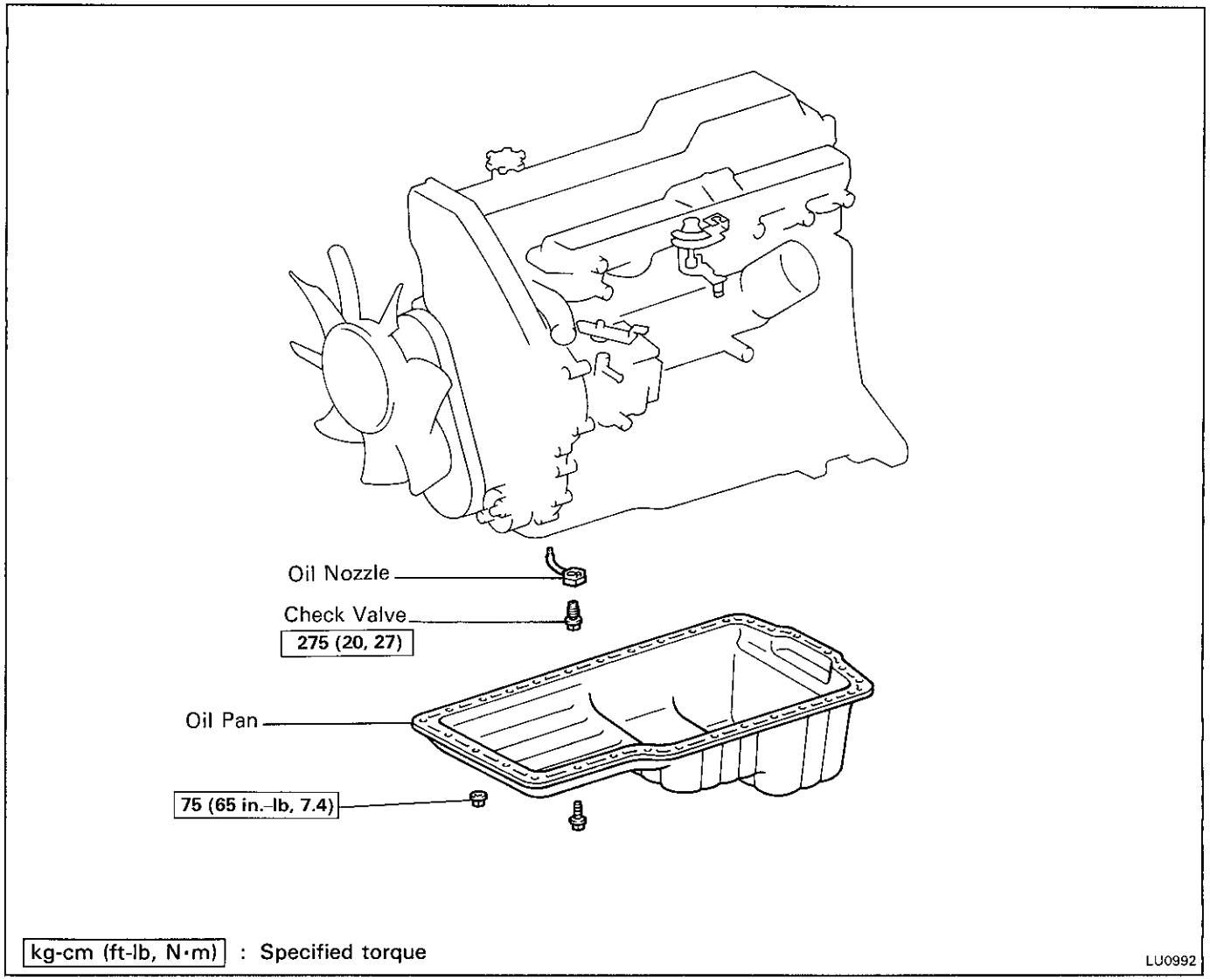
OIL NOZZLES AND CHECK VALVES

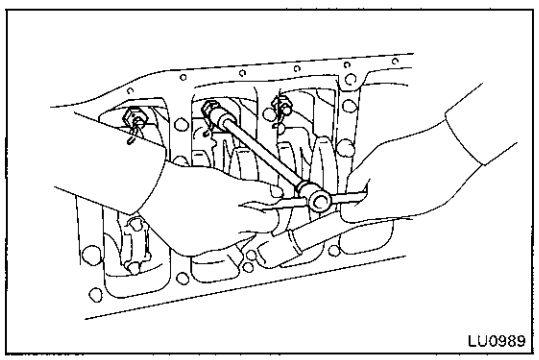
COMPONENTS



REMOVAL OF OIL NOZZLES AND CHECK VALVES

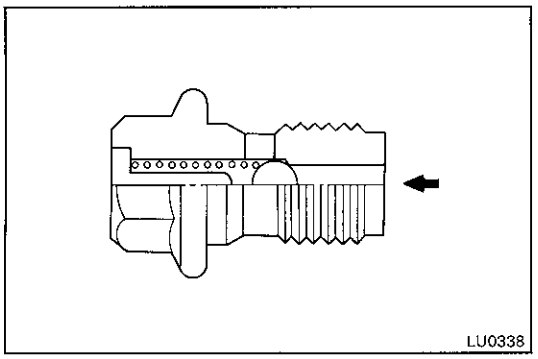
1. **DRAIN ENGINE OIL (See page LU-6)**

2. **REMOVE OIL PAN**
   (See step 4 on page LU-9)



3. **REMOVE CHECK VALVE AND OIL NOZZLES**

   Remove the five (1PZ) or six (1HZ and 1HD-T) check valves and oil nozzles.

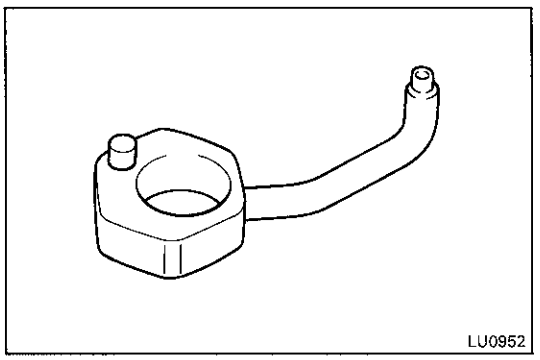


INSPECTION OF OIL NOZZLES AND CHECK VALVES

1. INSPECT CHECK VALVES

Push the valve with a wooden stick to check if it is stuck.

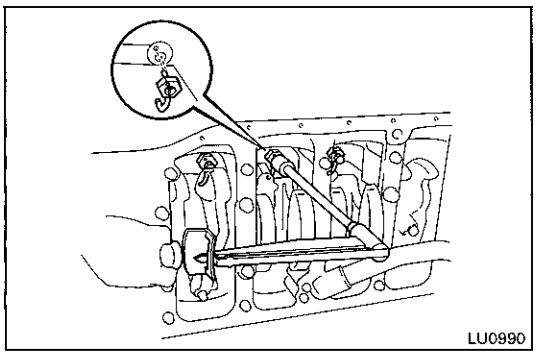
If stuck, replace the check valve.



2. INSPECT OIL NOZZLES

Check the oil nozzles for damage or clogging.

If necessary, replace the oil nozzle.



INSTALLATION OF OIL NOZZLES AND CHECK VALVES

(See page LU-20)

1. INSTALL OIL NOZZLES AND CHECK VALVES

(a) Align the pin of the oil nozzle with the pin hole of the cylinder block.

(b) Install the oil nozzle with the check valve. Install the five (1PZ) or six (1HZ and 1HD-T) oil nozzles and check valves.

Torque: 275 kg-cm (20 ft-lb, 27 N·m)

2. INSTALL OIL PAN

(See step 4 on page LU-14)

3. FILL WITH ENGINE OIL (See page LU-7)

4. START ENGINE AND CHECK FOR LEAKS