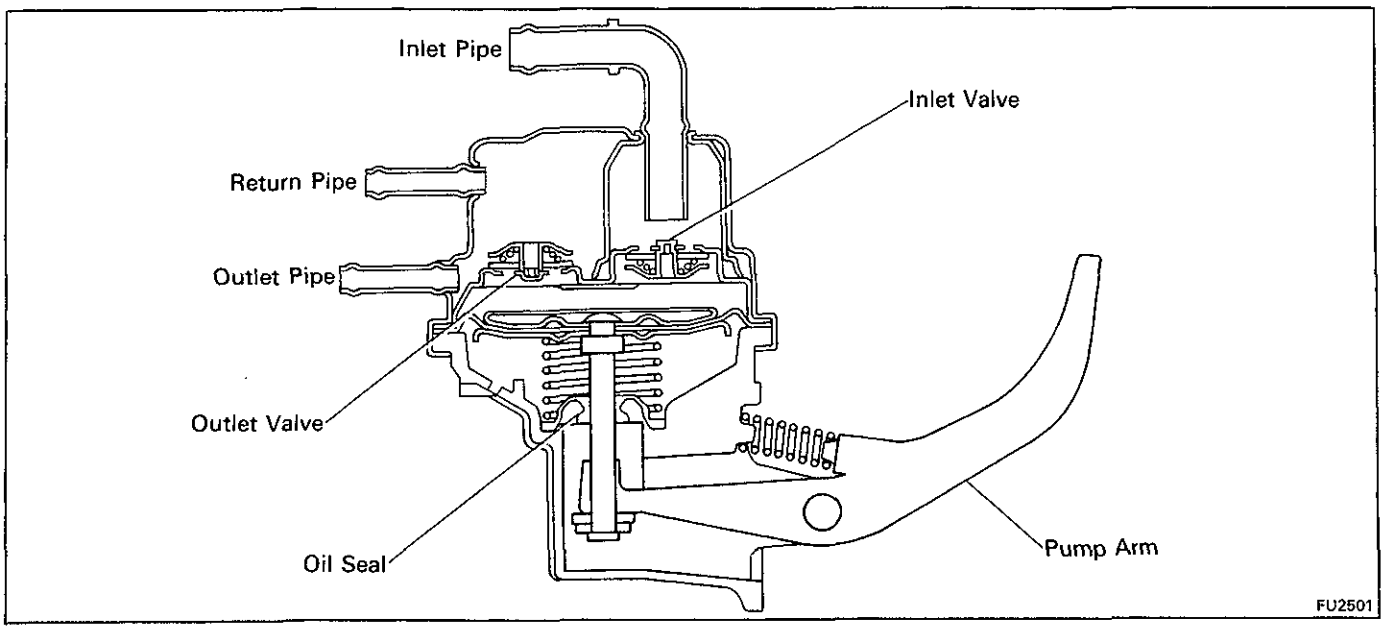
FUEL PUMP

REMOVAL OF FUEL PUMP

1. **DISCONNECT FUEL HOSES FROM FUEL PUMP**
2. **REMOVE FUEL PUMP**
   Remove the two nuts, fuel pump and insulator.

INSPECTION OF FUEL PUMP (Airtight Test)

CUTAWAY VIEW

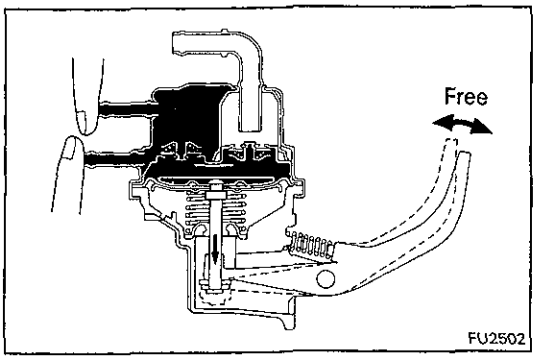


PRECHECK

Before performing the following checks on the fuel pump;

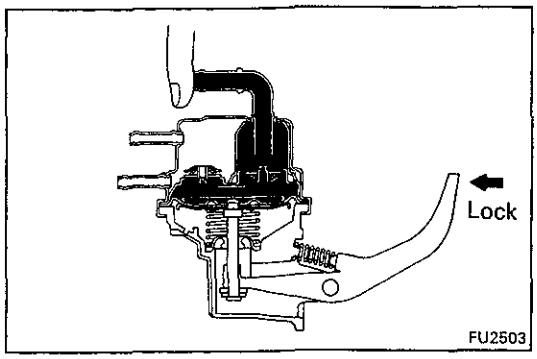
(a) Run some fuel through the pump to insure that the check valves seal tightly (a dry check valve may not seal properly).

(b) Without blocking off any pipes, operate the pump lever and check the amount of force necessary for operation and the amount of arm play. This same amount of force should be used in the checks.



1. **CHECK INLET VALVE**

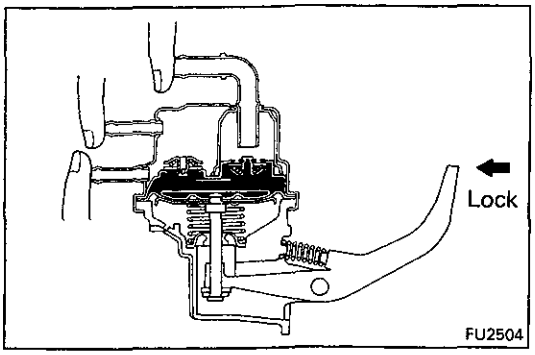
   Block off the outlet and return pipes with your fingers and operate the lever one or two times. The lever should be stiff at first, then moves freely (no reaction force).



2. **CHECK OUTLET VALVE**

   Block off the inlet pipe with your finger and check that the arm locks (does not operate with same amount of force used in the precheck above).

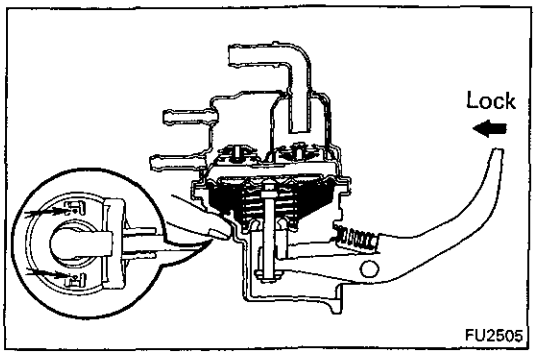
   HINT: Never use more force than that used in the precheck. This applies to checks 3 and 4 also.



3. **CHECK DIAPHRAGM**

   Block off the inlet, outlet and return pipes and check that the pump arm locks.

   HINT: If all three of these checks are not as specified, the caulking (sealing) of the body and upper casing is defective.



4. **CHECK OIL SEAL**

   Block off the vent pipe with your finger and check that the pump arm locks.

INSTALLATION OF FUEL PUMP

1. **INSTALL FUEL PUMP**

   Install a new insulator and the fuel pump with the two nuts.

   Torque: 200 kg-cm (14 ft-lb, 20 N·m)

2. **CONNECT FUEL HOSES TO FUEL PUMP**

3. **START ENGINE AND CHECK FOR LEAKS**