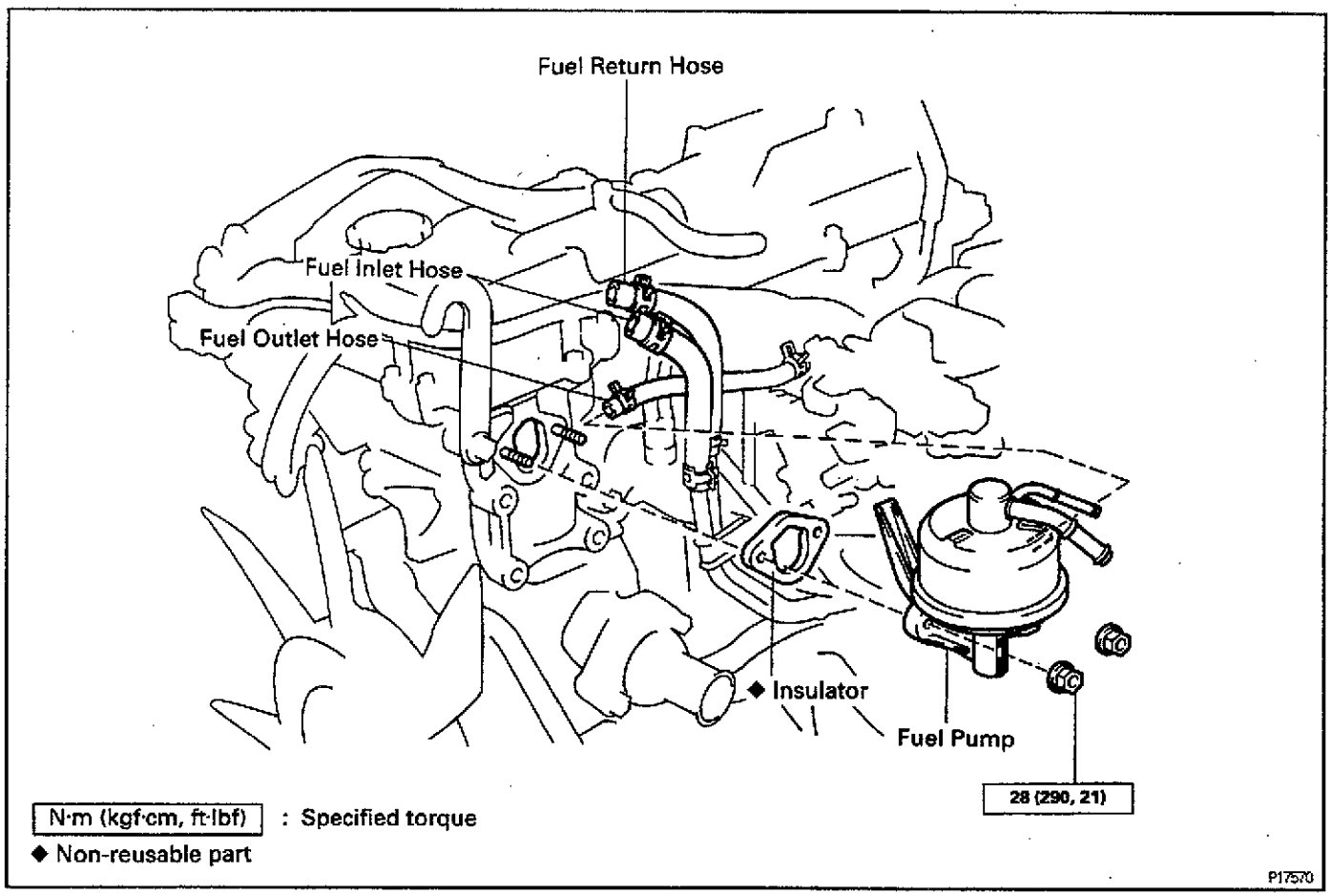
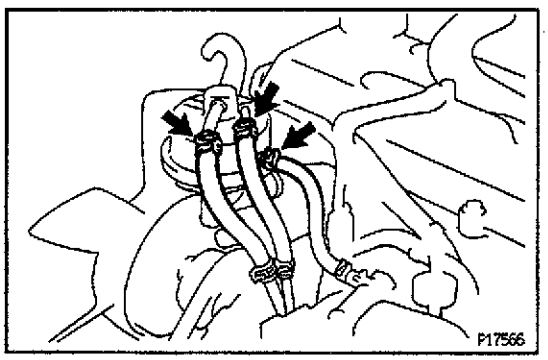
FUEL PUMP

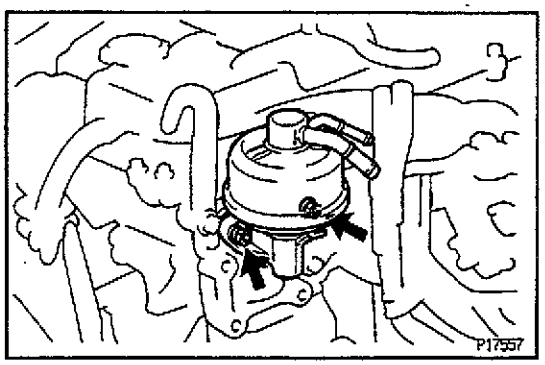
COMPONENTS FOR REMOVAL AND INSTALLATION





FUEL PUMP REMOVAL

1. DISCONNECT FUEL HOSES FROM FUEL PUMP



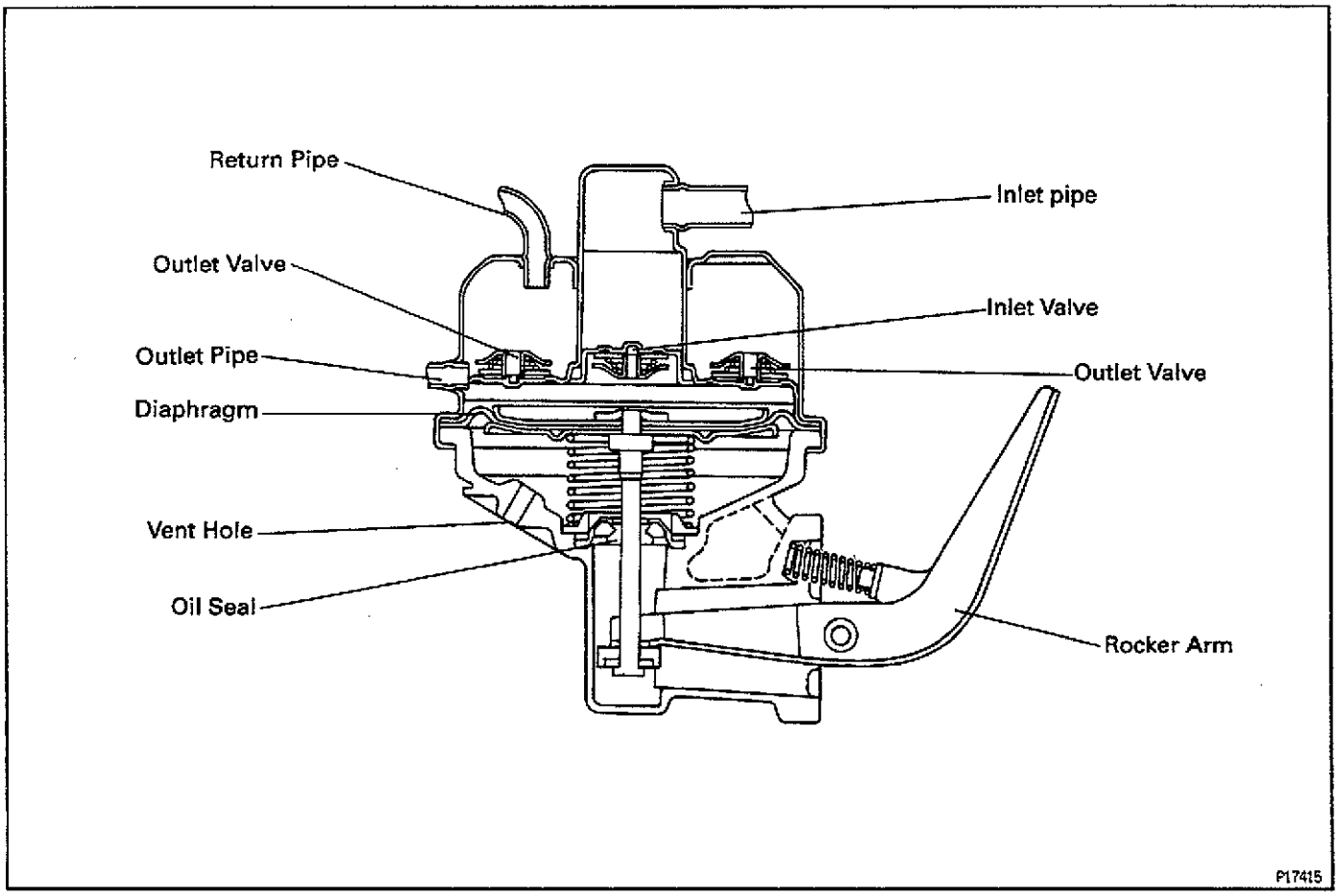
2. REMOVE FUEL PUMP

Remove the 2 nuts, fuel pump and insulator.

FUEL PUMP INSPECTION (Airtight Test)

EG0UV-02

CUTAWAY VIEW



EG

PRECHECKS

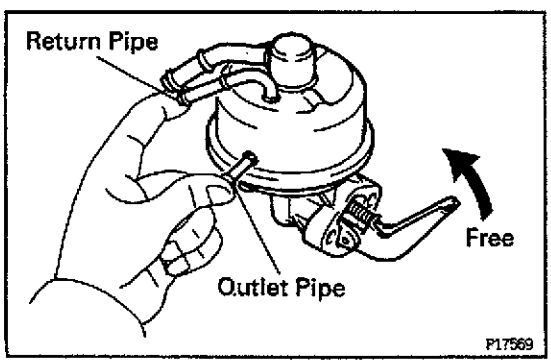
Before performing the following checks on the fuel pump:

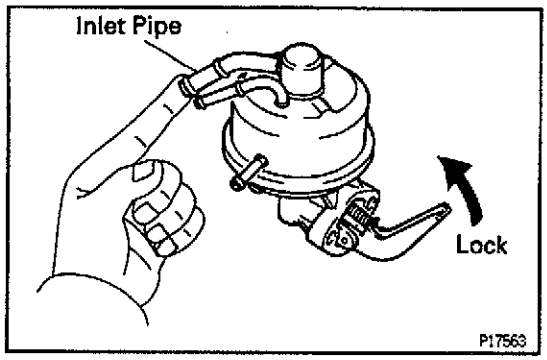
(a) Run some fuel through the pump to ensure that the check valves seal tightly (a dry check valve may not seal properly).

(b) Without blocking off any pipes, operate the rocker arm 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 finger and check that there is an increase in rocker arm play and that the rocker arm moves freely (no reaction force).



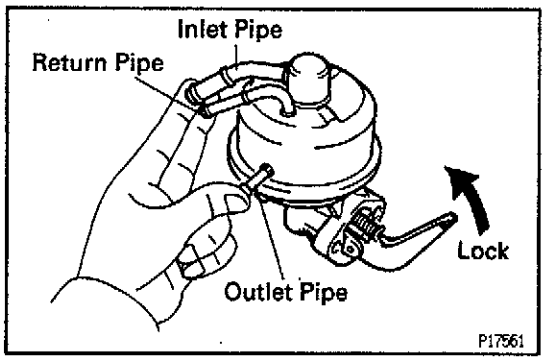


EG

2. CHECK OUTLET VALVE

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

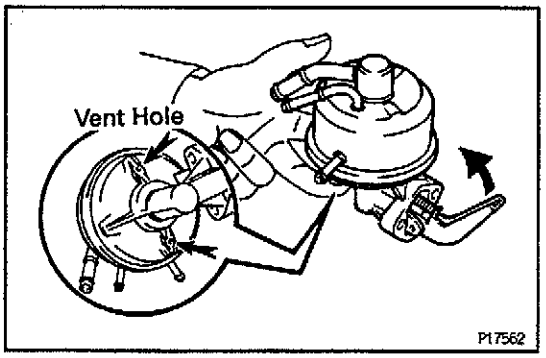
HINT: Never use more force than that used in the precheck. This applies to checks 3 and 4 also.



3. CHECK DIAPHRAGM

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

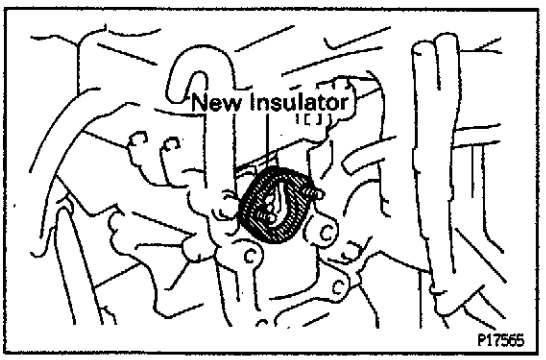
HINT: If all three of these checks are not as specified, the caulking (sealing) of the body and upper casing is defective.



4. CHECK OIL SEAL

Block off the vent hole with your finger and check that the rocker arm locks.

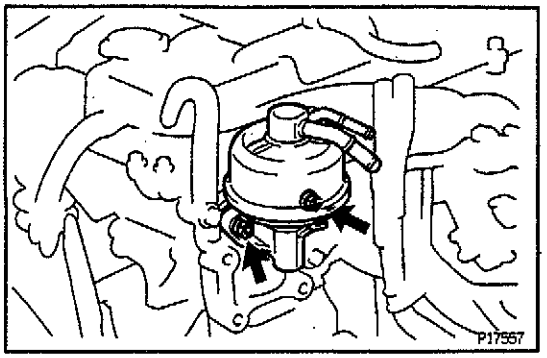
FUEL PUMP INSTALLATION



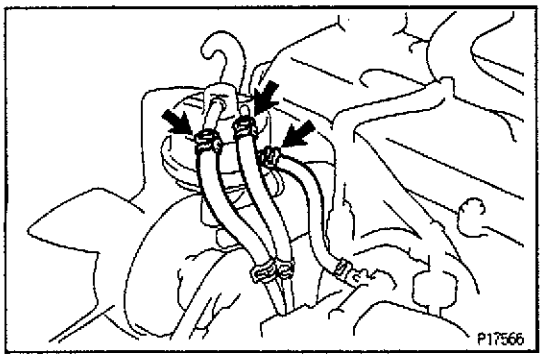
(See Components for Removal and Installation)

1. INSTALL FUEL PUMP

(a) Install a new insulator to the cylinder head.



(b) Install the fuel pump with the 2 nuts.
Torque: 28 N·m (290 kgf·cm, 21 ft·lbf)



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

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