

REPLACEMENT INSTRUCTIONS

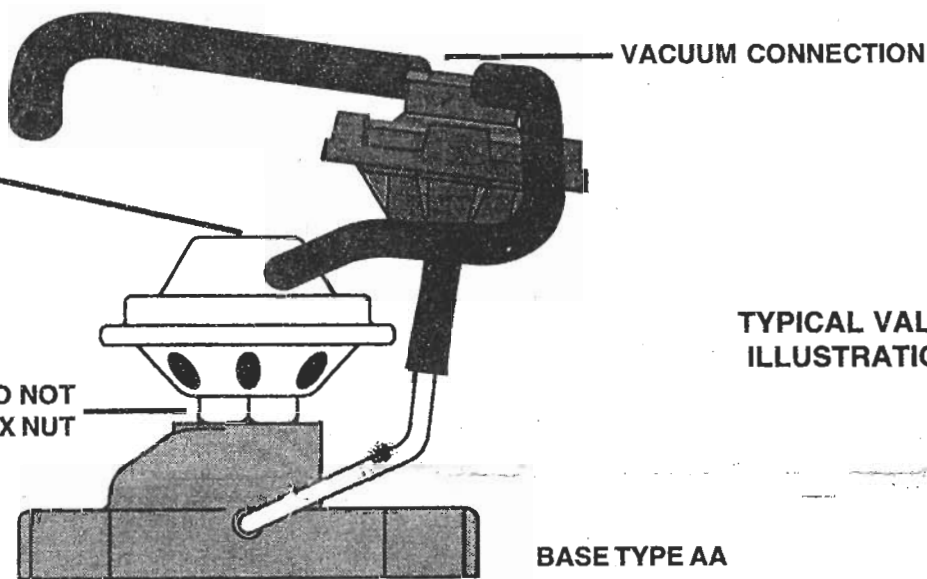
EGR VALVE

5510-9-1



FIGURE 1

CAUTION: DO NOT
TURN 7/8" HEX NUT



TYPICAL VALVE
ILLUSTRATION

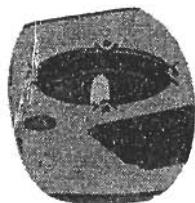
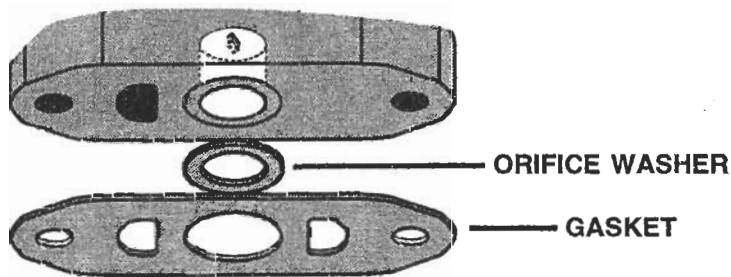


FIGURE 2



CAUTION: Each EGR valve is specially calibrated for specific engine applications; therefore, be absolutely sure you install the correct replacement valve. This replacement valve calibration is further controlled by the size of the opening in the washer mounted in the exhaust gas inlet (see step 3, below). Physical appearance of replacement valve may differ from the valve on the engine; however, both perform the same function.

1. Disconnect vacuum hose and remove mounting bolts. Remove old valve and gasket(s) from mounting. **CAUTION:** Completely remove old gasket from mounting and clean all carbon deposits from the EGR passages in the manifold. Use care to prevent any loose particles from falling into manifold, where they might clog replacement EGR valve or become ingested into engine.
2. **IMPORTANT:** For future EGR valve identification, write original EGR valve part number on decal of the replacement valve (see figure 1). Place clear plastic disc provided over decal to protect it from the heat and contaminants within the engine compartment.
3. Orifice washer selection: Locate **original valve part number** on selection chart (reverse side) to find correct orifice washer number to use. Place valve assembly upside down on a block to prevent damage to vacuum line connection. Install orifice washer in recess of new valve with identifying number visible. Using a center punch and hammer, form a lip over washer at four points equally spaced around the recess to hold washer in place (see figure 2).
4. Properly align holes of new gasket(s) to valve and manifold. Replace assembly using original bolts. **NOTE:** A small amount of any automotive gasket adhesive applied to outer edges around bolt holes will hold gasket in place prior to assembly to manifold or spacer. Torque attaching bolts or nuts to manufacturer's specifications.
5. Reconnect vacuum hose to VAC port on transducer. (New vacuum hose included for some applications.) Start engine and warm up to operating temperature. Check for proper movement of EGR valve by suddenly increasing engine speed to 2,000 RPM. Valve shaft should move up to the open position and lower when RPM is reduced to idle. **If there is no movement, check for vacuum at EGR transducer, then back through hoses, and any control devices in path (e.g. delay valves, ported vacuum switches, control solenoids, etc.).**

ORIFICE WASHER SELECTION CHART

5510-9-1

O.E. Stamping No.	Orifice Washer No.	O.E. Stamping No.	Orifice Washer No.	O.E. Stamping No.	Orifice Washer No.
CHRYSLER					
4287152	27				
4287154	30				
4287155	27				
4287156	29				
4287157	35				
4287162	12				
4287163	12				
4287171	29				
4287172	35				
4287173	11				
4287177	29				
4287182	29				
4287183	35				
4287184	11				
4287185	29				
4636214	12				
4636215	12				