

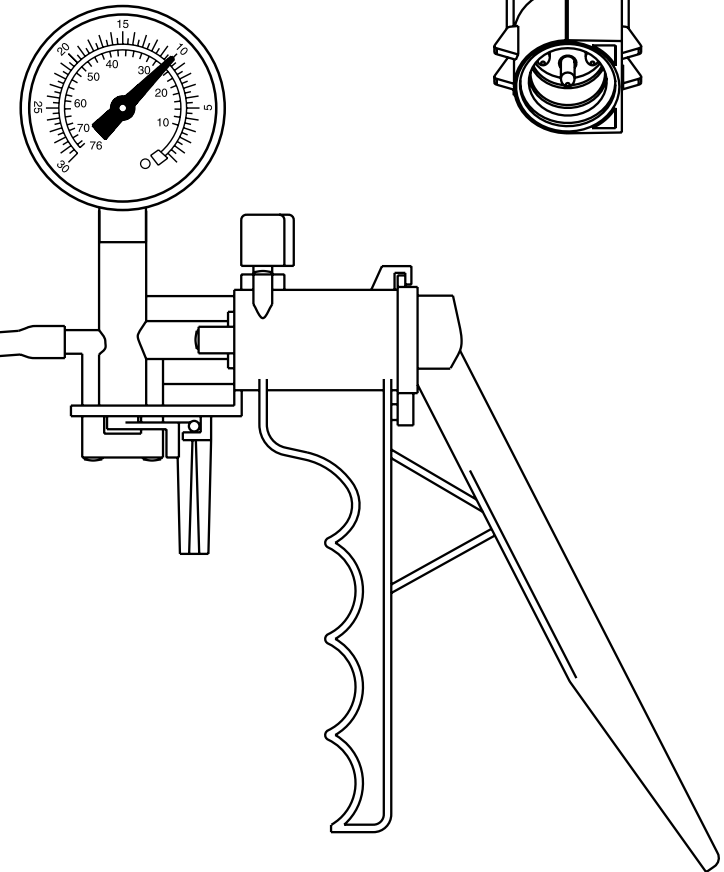
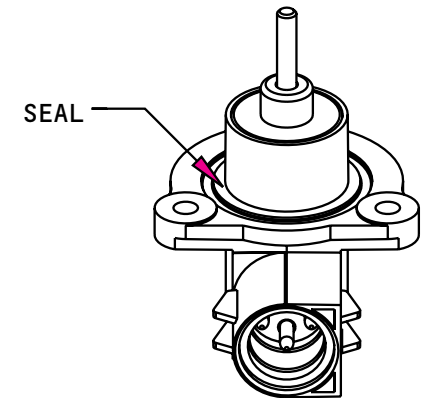
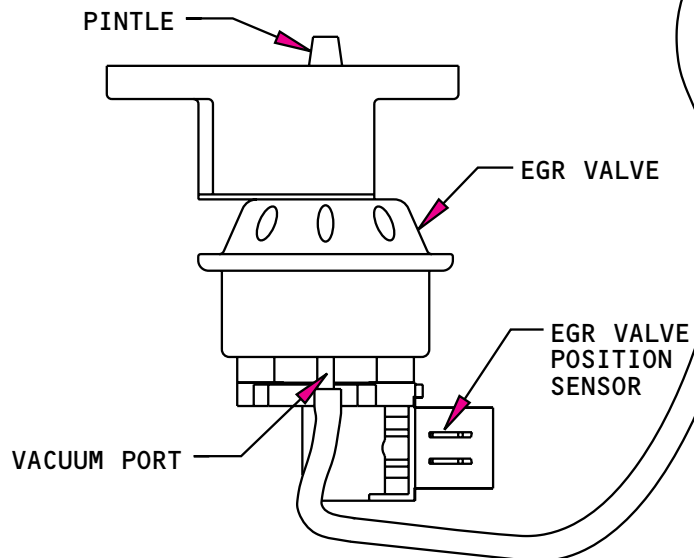
SONIC EGR VALVE (WITH POSITION SENSOR)

TOOLS REQUIRED:
- VACUUM PUMP

NOTE: MAKE SURE THAT THE EGR VALVE POSITION SENSOR SEAL IS GOOD AND THAT THE SENSOR IS MOUNTED TO THE EGR VALVE DURING TESTING.

TEST PROCEDURE

1. VISUALLY INSPECT EGR VALVE FOR EXCESSIVE CARBON DEPOSITS.
2. ATTACH VACUUM HOSE TO THE VACUUM PORT ON THE EGR VALVE.
3. HOLDING EGR VALVE UPSIDE DOWN (BASE SIDE UP), APPLY 10" OF VACUUM TO THE EGR VALVE.
4. THE PINTLE (PLUNGER) SHOULD MOVE FREELY INTO THE EGR VALVE BASE WITHOUT BINDING OR STICKING AND SHOULD STAY THERE AS LONG AS VACUUM IS APPLIED. IF THE PINTLE STICKS OR VALVE DOESN'T HOLD VACUUM (PINTLE STAYS INSIDE THE BASE WHILE VACUUM IS APPLIED), THE VALVE IS FAULTY AND SHOULD BE REPLACED.
5. IF EGR VALVE IS NOT FAULTY, IT IS RECOMMENDED THAT YOU THOROUGHLY CLEAN PINTLE AREA WITH CARB CLEANER BEFORE REINSTALLING VALVE AND CHECK EGR VALVE PASSAGE IN THE INTAKE MANIFOLD AND CLEAR BLOCKAGE IF ANY IS PRESENT.



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