

Remove Cylinder Head(s) and Inspect

Meets ASE Task: (A1-B-1) P-1 Remove cylinder head; inspect gasket condition; install cylinder head, gasket; tighten according to manufacturer's specifications and procedures.

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check service information for the specified head bolt removal sequence.

NOTE: Most vehicle manufacturers specify that the removal procedure should be the opposite of the tightening sequence to help avoid causing warpage of the cylinder head during removal.

Specified sequence: _____

_____ 2. Visually check for cracks.

_____ **OK** _____ **NOT OK** (describe the fault) _____

_____ 3. Check gasket surfaces for signs of leakage.

_____ **OK** _____ **NOT OK** (describe the fault) _____

_____ 4. Clean the cylinder head.

_____ 5. Using a machined straight edge and feeler gauges, check the fire deck surface of the cylinder head for warpage and compare to the specified maximum allowable variation in flatness.

Specified maximum cylinder head out-of-flatness = _____

Measured amount of warpage = _____ **OK** _____ **NOT OK**

_____ 6. Check oil, coolant, intake and exhaust passages for damage.

_____ **OK** _____ **NOT OK**

