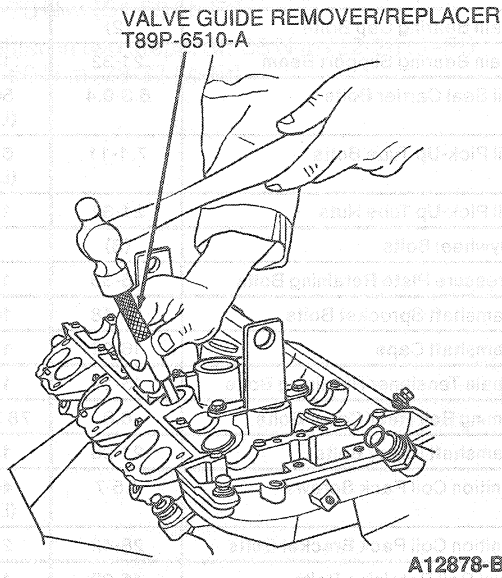


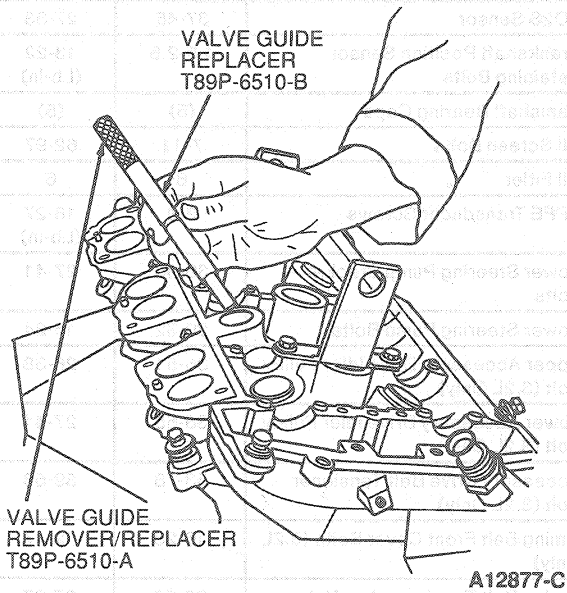
DISASSEMBLY AND ASSEMBLY (Continued)

15. Drive out valve guide with Valve Guide Remover / Replacer T89P-6510-A.



Assembly

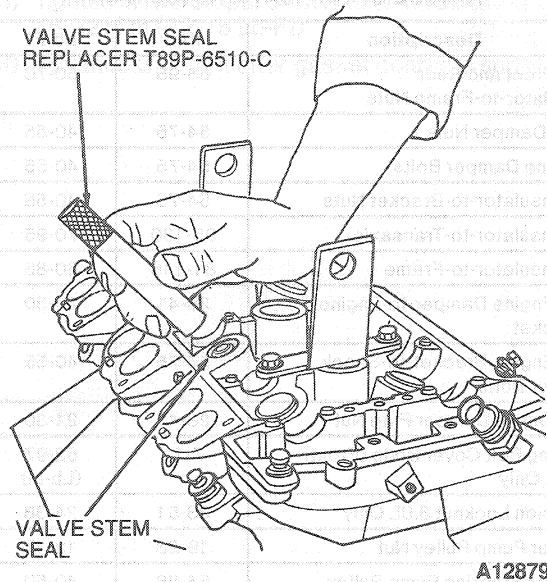
1. Install new valve guide with Valve Guide Replacer T89P-6510-B and Valve Guide Remover / Replacer T89P-6510-A. Drive guide until fully seated.



2. Install new valve stem seal with Valve Stem Seal Replacer T89P-6510-C. Press in by hand until fully seated.

NOTE: Intake valve seals are brown. Exhaust valve seals are black.

VALVE STEM SEAL REPLACER T89P-6510-C



3. Lubricate valve stems and valve guides with Engine Assembly Lubricant D9AZ-19579-D (ESR-M99C80-A) or equivalent.
4. Install valve, valve spring seat (with valve spring-wider pitched side (yellow paint) facing upward) and spring retainer.
5. Using valve Spring Compressor Set T89P-6565-A install valve keepers.
6. Install bucket and adjusting shim with number facing down.
7. Install camshaft as outlined.
8. Install cylinder head as outlined.
9. Adjust valve clearance as outlined.
10. Install cylinder head covers as outlined.
11. Install intake manifold as outlined.
12. Fill engine cooling system.
13. Connect battery ground cable.
14. Start engine and check for coolant, oil and fuel leaks.

SPECIFICATIONS

TORQUE SPECIFICATIONS

Description	N·m	Lb·Ft
Crankshaft Pulley Bolt	152-172	112-127
Transaxle-to-Engine Bolts	34-47	25-35
Catalyst-to-Engine Bolts	27-47	20-35
Oil Drain Plug	20-33	15-24
A/C Compressor and Bracket Bolts	36-55	27-41
Generator Bracket Retaining Bolts	48-72	36-53
Insulator-to-Engine Bracket	54-75	40-55

(Continued)