

8. CYLINDER HEAD/VALVES

SERVICE INFORMATION	8-1	VALVE SEAT INSPECTION/ REFACING	8-15
TROUBLESHOOTING	8-3	CYLINDER HEAD ASSEMBLY	8-17
CYLINDER COMPRESSION TEST	8-4	CYLINDER HEAD INSTALLATION	8-19
CYLINDER HEAD COVER REMOVAL	8-4	CAMSHAFT INSTALLATION	8-20
CAMSHAFT REMOVAL	8-5	CYLINDER HEAD COVER INSTALLATION	8-23
CYLINDER HEAD REMOVAL	8-8	CAM CHAIN TENSIONER LIFTER	8-25
CYLINDER HEAD DISASSEMBLY	8-10		
CYLINDER HEAD INSPECTION	8-11		
VALVE GUIDE REPLACEMENT	8-14		

SERVICE INFORMATION

GENERAL

- This section covers service of the cylinder head, valves and camshaft.
- The camshaft services can be done with the engine installed in the frame.
- The cylinder head service can be done with the engine installed in the frame.
- When disassembling, mark and store the disassembled parts to ensure that they are reinstalled in their original locations.
- Clean all disassembled parts with cleaning solvent and dry them by blowing them off with compressed air before inspection.
- Camshaft lubricating oil is fed through oil passages in the cylinder head. Clean the oil passages before assembling cylinder head.
- Be careful not to damage the mating surfaces when removing the cylinder head cover and cylinder head.