



TROUBLESHOOTING

Performance problems related to the cylinder head can usually be diagnosed by a compression test, or noise problems which can be traced to the top end with a sounding rod or stethoscope.

Low Compression

1. Valves
 - Incorrect valve adjustment
 - Burned or bent valves
 - Incorrect valve timing
 - Broken valve spring
2. Cylinder head
 - Leaking or damaged head gasket
 - Warped or cracked cylinder head
3. Cylinder and piston (Refer to Section 7)

Compression too High

1. Excessive carbon build-up on piston head or combustion chamber

Excessive Noise

1. Incorrect valve adjustment
2. Sticking valve or broken valve spring
3. Damaged or worn camshaft
4. Loose or worn cam chain
5. Worn or damaged cam chain tensioner
6. Worn cam sprocket teeth