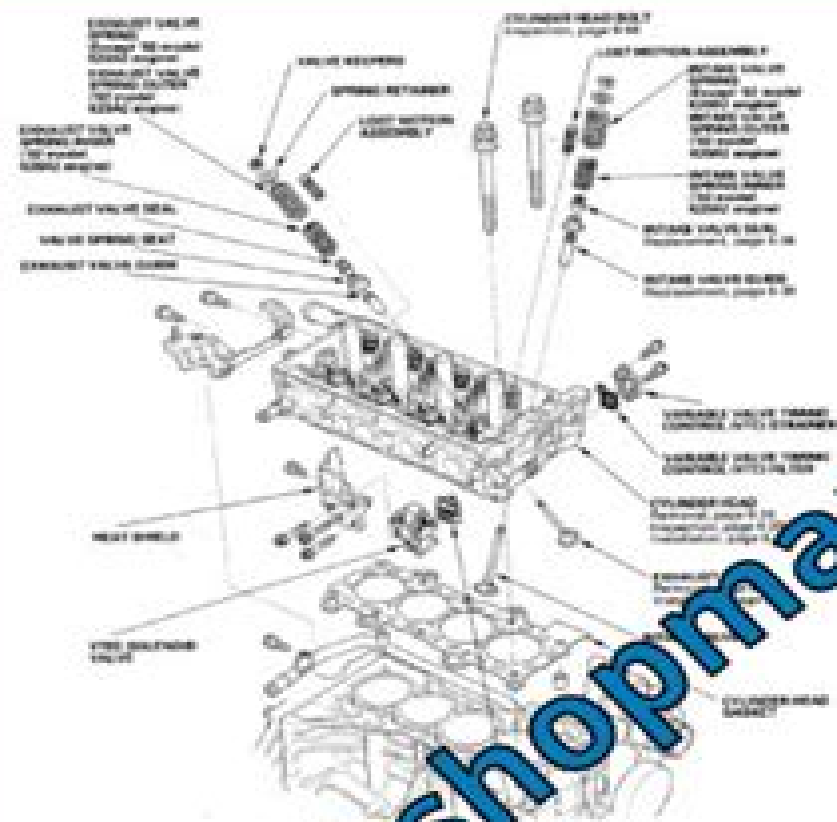


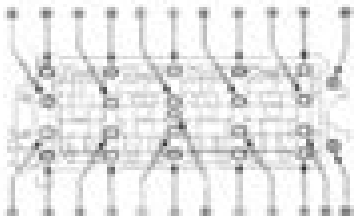
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1. Warm up the engine to normal operating temperature (running for several minutes).
2. Turn the ignition switch OFF.
3. Remove the intake manifold (see page 4-25).
4. Disconnect the vacuum hoses.
5. Start the engine and let it warm to idle.
6. Remove the throttle body with hose (see page 4-25).
7. Remove the four spark plugs.
8. Attach the compression gauge to the spark plug hole.

18. Measure the compression of the remaining cylinders.
- Minimum variation:**
Within 100 psi (2 kgf/cm², 30 psi)
19. If the compression is not within specifications, check the following items, then retorque the compression:
- Damaged or worn valves and seats
 - Damaged cylinder head gasket
 - Damaged or worn piston rings
 - Damaged or worn piston and cylinder bore

1. Clean and dry the No. 3 rocker shaft holder mating surface.
 2. Apply Loctite product (see Fig. 10771-0000) evenly to the cylinder head mating surface of the No. 3 rocker shaft holder.
- NOTE:** Do not install the parts 10 minutes or more have elapsed since applying Loctite product. Instead, reapply Loctite after removing or installing.
- 
3. Tighten the rocker arm assembly (see page 6).
4. Insert the No. 3 rocker arm into the rocker shaft holder. Tighten the rocker arm assembly (R) on the cylinder head.
- 
- Install the cylinder head in the reverse order of removal:
1. Undo the cylinder head and block surface.
 2. Undo the new cylinder head gasket sets and Loctite (R) on the cylinder block. Remove use a new cylinder head gasket.
- 

5. Remove the camshaft sprocket and install the camshaft sprocket (30) in place.
6. Tighten the bolts to the specified torque.
- Specified torque:**
- | | |
|------------|-------------------------------|
| 4 mm bolts | 25 Nm (1.8 kgf-m), 18 lbf-ft |
| 6 mm bolts | 10 Nm (0.7 kgf-m), 6.7 lbf-ft |
| 8 mm bolts | 11, 12, 27 |
- 
7. Install the cam chain (see page 6-17), and adjust the chain clearance (see page 6-17).
8. Measure the diameter of each cylinder bore (at point A and point B).
9. If either diameter is less than 75.0 mm (2.95 in.), replace the cylinder bore with a new one.
10. If either diameter is less than 75.0 mm (2.95 in.), replace the cylinder bore with a new one.

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