

8. Loosen the valve on the regulator, and apply the specified air pressure.

Specified Air Pressure:

550-690 kPa (5.61-7.04 kgf/cm² , 79.8-100.1 psi)

9. With the specified air pressure applied, rotate the crankshaft pulley clockwise. The intake primary rocker arm (A) should move together with the intake secondary rocker arm (B):
- If the intake primary rocker arm and the intake secondary rocker arm move independently, remove the intake primary rocker arm and the intake secondary rocker arm as an assembly, and check that the pistons in the rocker arms move smoothly. If any intake rocker arm needs replacing, replace the primary and secondary rocker arms as an assembly, then retest.
 - If the intake primary rocker arm and the intake secondary rocker arm move together, go to step 10.

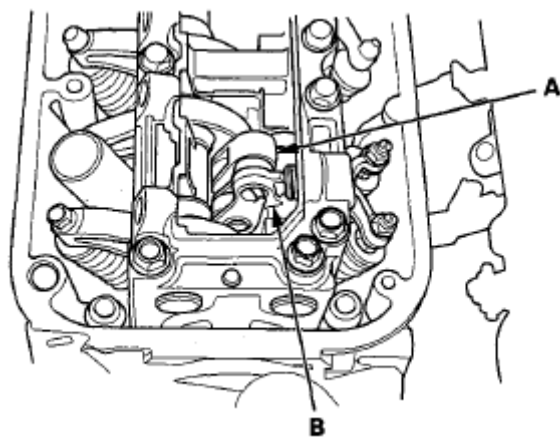


Fig. 10: Identifying Intake Primary Rocker Arms And Intake Secondary Rocker Arms

10. Remove the air pressure regulator, the VCM air adapter, VTEC air stop tool A, and VTEC air stop tool B.
11. Torque the sealing bolts to 22 N-m (2.2 kgf-m, 16 lbf.ft).
12. Install the cylinder head covers (see **CYLINDER HEAD COVER INSTALLATION**).
13. Install the six spark plugs and the six ignition coils (see **IGNITION COIL AND SPARK PLUG REMOVAL/INSTALLATION**).

VALVE CLEARANCE ADJUSTMENT

NOTE: Connect the HDS to the DLC, and monitor ECT SENSOR 1. Adjust the valve clearance only when the engine coolant temperature is less than 100°F(38°C).

1. Remove the cylinder head covers (see **CYLINDER HEAD COVER REMOVAL**).
2. Set the No. 1 piston at top dead center (TDC). Align the pointer (A) on the front upper cover with the No. 1 piston TDC mark (B) on the front camshaft pulley.

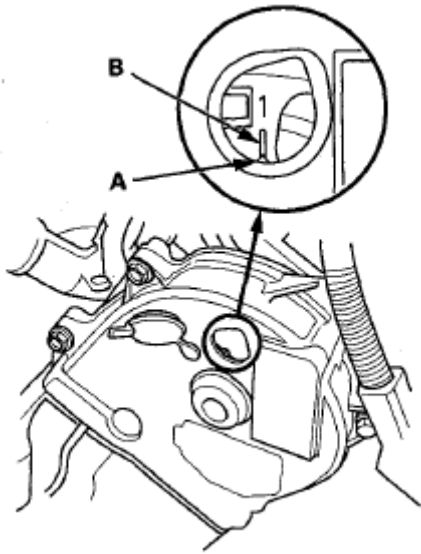


Fig. 11: Identifying No. 1 Piston TDC Mark On Front Camshaft Pulley

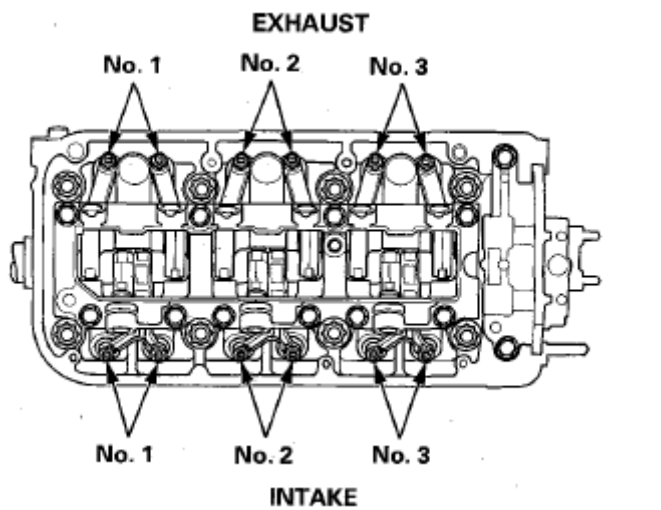
3. Select the correct feeler gauge for the valve clearance you are going to check.

Valve Clearance

Intake: 0.20-0.24 mm (0.008-0.009 in)

Exhaust: 0.28-0.32 mm (0.011-0.012 in)

REAR



FRONT