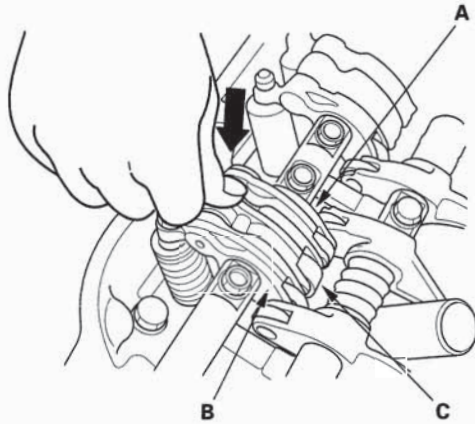


# Cylinder Head

## VTEC Rocker Arm Test (cont'd)

9. Make sure that the intake primary rocker arm (A) and intake secondary rocker arm (B) are mechanically connected by the piston and that the mid rocker arm (C) does not move when pushed manually. If any intake mid rocker arm moves independently of the primary and secondary rocker arms, replace the rocker arms as a set.

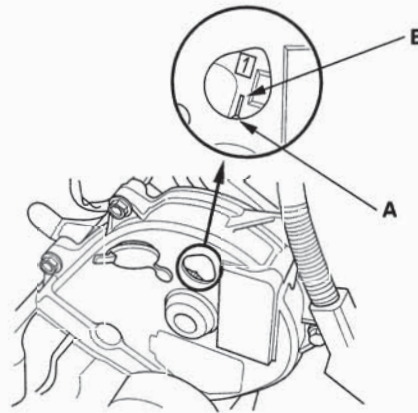


10. Remove the special tools.
11. Tighten the rocker shaft bolts to 24 N·m (2.4 kgf·m, 17 lbf·ft)
12. Install the cylinder head covers (see page 6-28).

## Valve Clearance Adjustment

NOTE: Adjust the valves only when the cylinder head temperature is less than 100°F (38°C).

1. Remove the right side engine compartment cover (see step 1 on page 6-13).
2. Remove the cylinder head covers (see page 6-27).
3. 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.





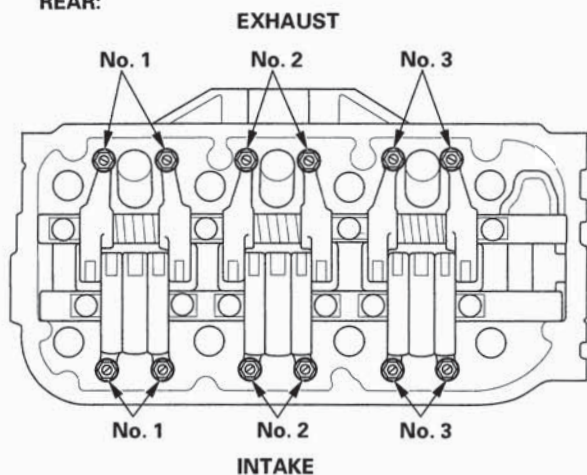
4. Select the correct thickness feeler gauge for the valves you're going to check.

**Intake:** 0.20–0.24 mm (0.008–0.009 in.)

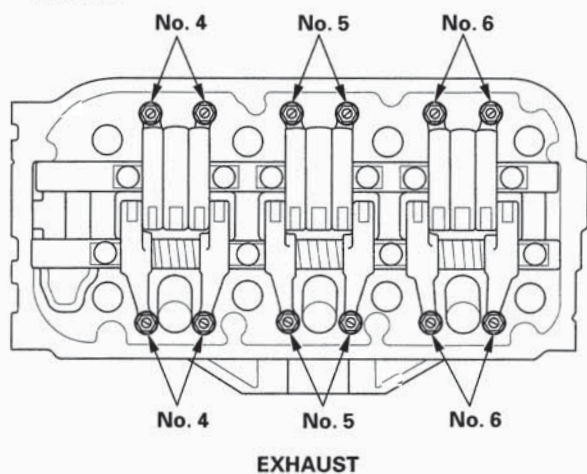
**Exhaust:** 0.28–0.32 mm (0.011–0.013 in.)

**Adjusting screw locations:**

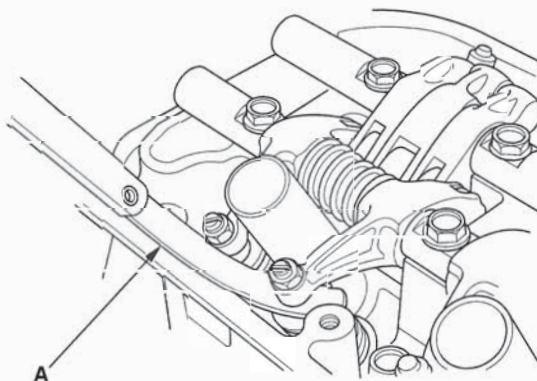
**REAR:**



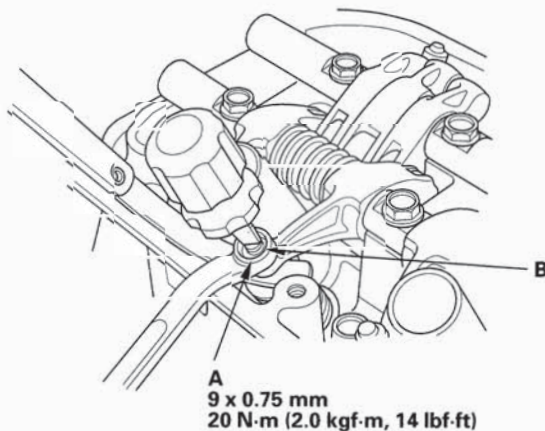
**FRONT:**



5. Insert the feeler gauge (A) between the adjusting screw and the end of the valve stem on No. 1 cylinder and slide it back and forth; you should feel a slight amount of drag.



6. If you feel too much or too little drag, loosen the locknut (A), and turn the adjusting screw (B) until the drag on the feeler gauge is correct.



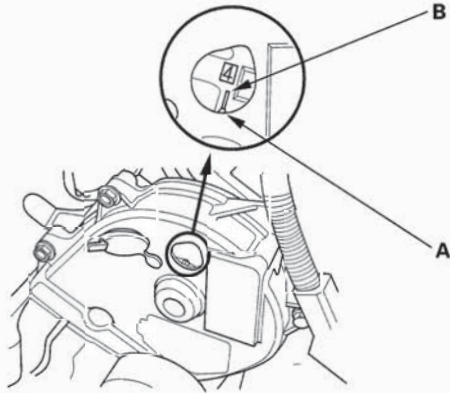
7. Tighten the locknut and recheck the clearance. Repeat the adjustment, if necessary.

(cont'd)

# Cylinder Head

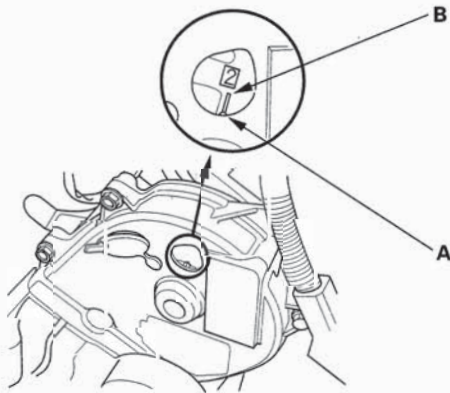
## Valve Clearance Adjustment (cont'd)

8. Rotate the crankshaft clockwise. Align the pointer (A) on the front upper cover with the No. 4 piston TDC mark (B) on the front camshaft pulley.



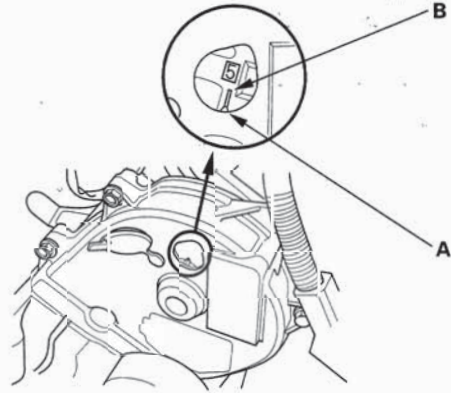
9. Check and, if necessary, adjust the valve clearance on No. 4 cylinder.

10. Rotate the crankshaft clockwise. Align the pointer (A) on the front upper cover with the No. 2 piston TDC mark (B) on the front camshaft pulley.



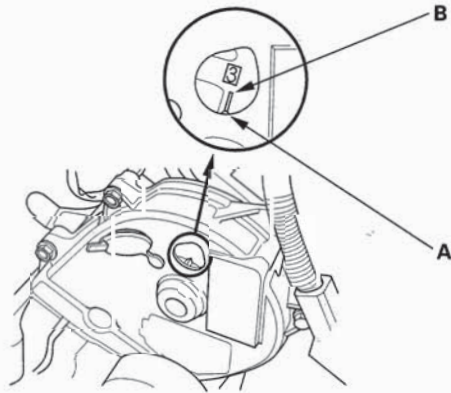
11. Check and, if necessary, adjust the valve clearance on No. 2 cylinder.

12. Rotate the crankshaft clockwise. Align the pointer (A) on the front upper cover with the No. 5 piston TDC mark (B) on the front camshaft pulley.



13. Check and, if necessary, adjust the valve clearance on No. 5 cylinder.

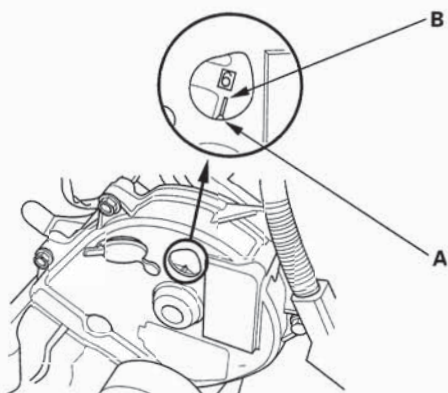
14. Rotate the crankshaft clockwise. Align the pointer (A) on the front upper cover with the No. 3 piston TDC mark (B) on the front camshaft pulley.



15. Check and, if necessary, adjust the valve clearance on No. 3 cylinder.



16. Rotate the crankshaft clockwise. Align the pointer (A) on the front upper cover with the No. 6 piston TDC mark (B) on the front camshaft pulley.



17. Check and, if necessary, adjust the valve clearance on No. 6 cylinder.
18. Install the cylinder head covers (see page 6-28).
19. Install the right side engine compartment cover.