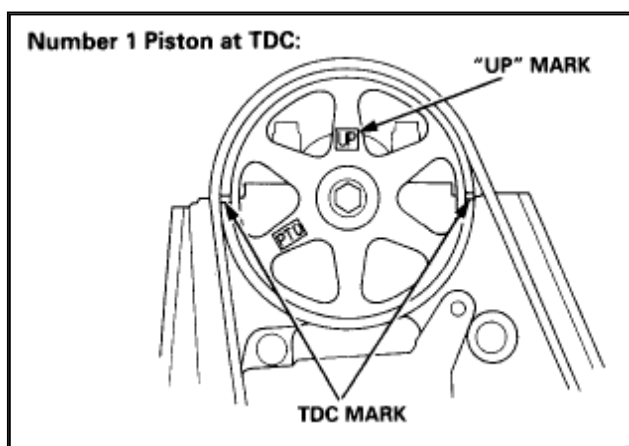


Valve Clearance Adjustment

NOTE:

- Valves should be adjusted only when the cylinder head temperature is less than **100 °F (38 °C)** .
- After adjusting, retorque the crankshaft pulley bolt to **245 N.m (25.0 kgf.m, 181 lbf.ft)** .

1. Remove the cylinder head cover.



Zoom

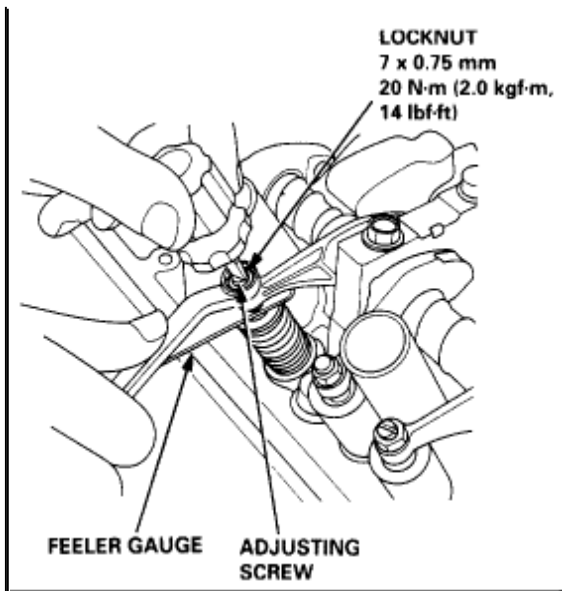
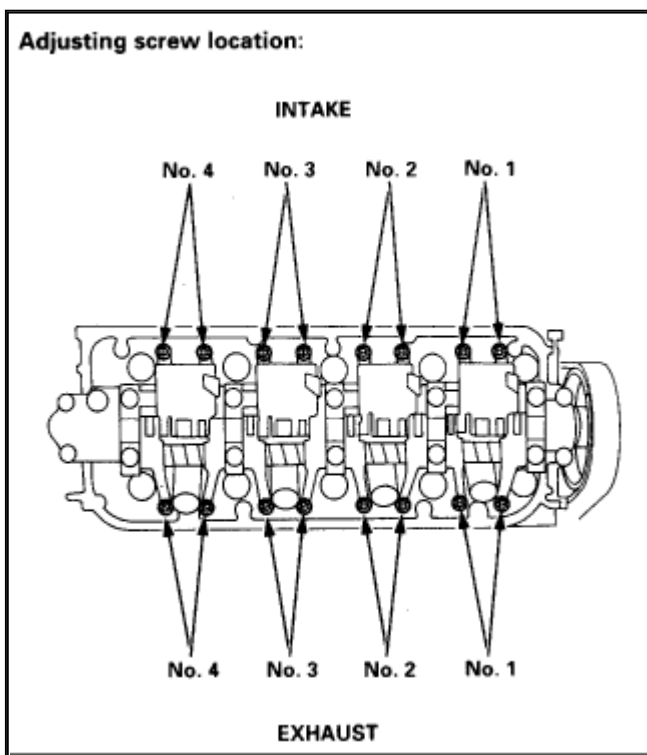
Sized for Print

2. Set **No.1** piston at **TDC** . **"UP"** mark on the camshaft pulley should be at top, and **TDC** grooves on the camshaft pulley should align with cylinder head surface.
3. Adjust valves on **No.1** cylinder. **Intake: 0.26 mm ±0.02 mm (0.010 in) ± (0.0008 in)**

Exhaust:

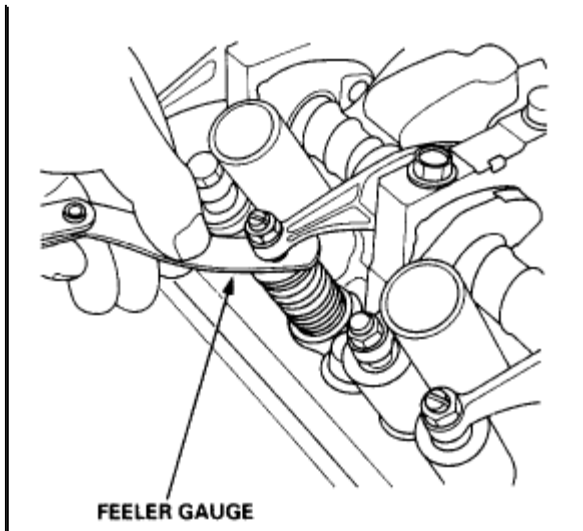
0.30 mm ±0.02 mm (0.012 in) ±(0.0008 in)



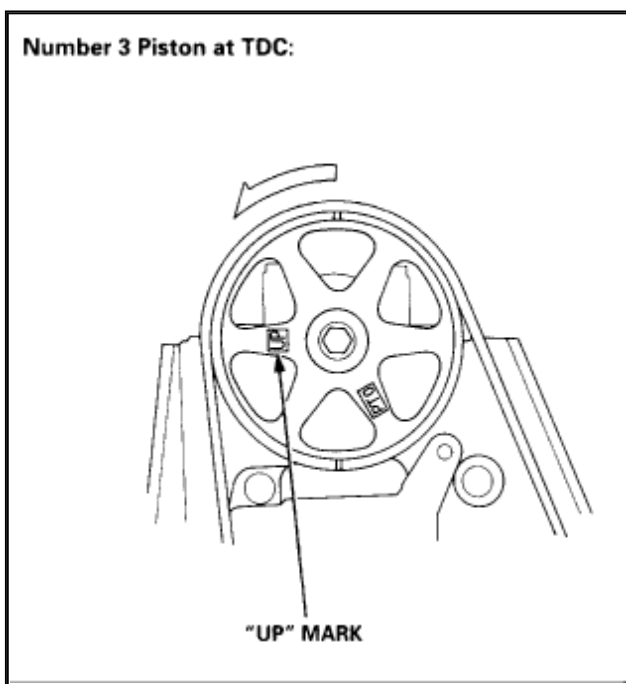
[Zoom](#)[Sized for Print](#)[Zoom](#)[Sized for Print](#)

- Loosen the locknut, and turn the adjusting screw until the feeler gauge slides back and forth with a slight amount of drag.



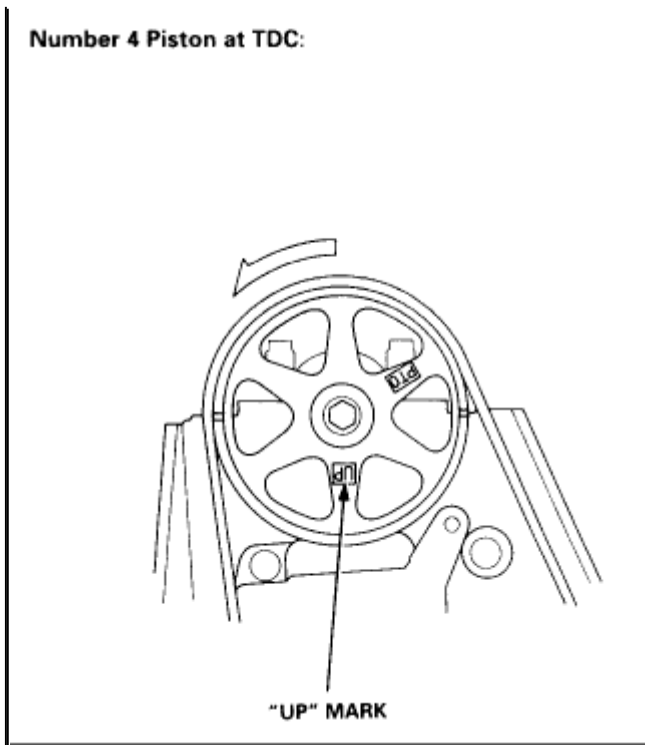
[Zoom](#)[Sized for Print](#)

5. Tighten the locknut and check clearance again. Repeat adjustment if necessary.

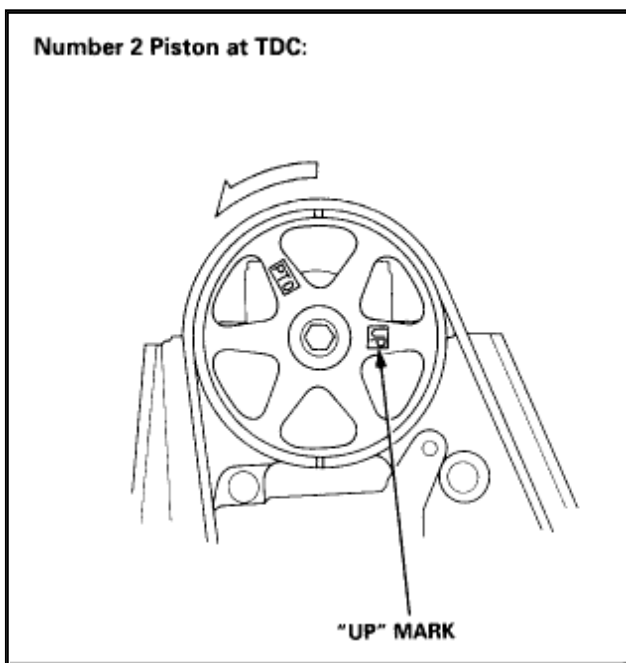
[Zoom](#)[Sized for Print](#)

6. Rotate crankshaft **180°** counterclockwise (Camshaft pulley turns **90°**). The **"UP"** mark should be on the exhaust side. Adjust valves on **No.3** cylinder.



[Zoom](#)[Sized for Print](#)

7. Rotate crankshaft **180°** counterclockwise to bring **No.4** piston to **TDC** . Both **TDC** grooves are once again visible. Adjust valves on **No.4** cylinder.

[Zoom](#)[Sized for Print](#)

8. Rotate crankshaft **180°** counterclockwise to bring **No.2** piston to **TDC** . The **"UP"** mark should be on the intake side. Adjust valves on **No.2** cylinder.