

Timing Belt and Balancer Belt

Removal

NOTE:

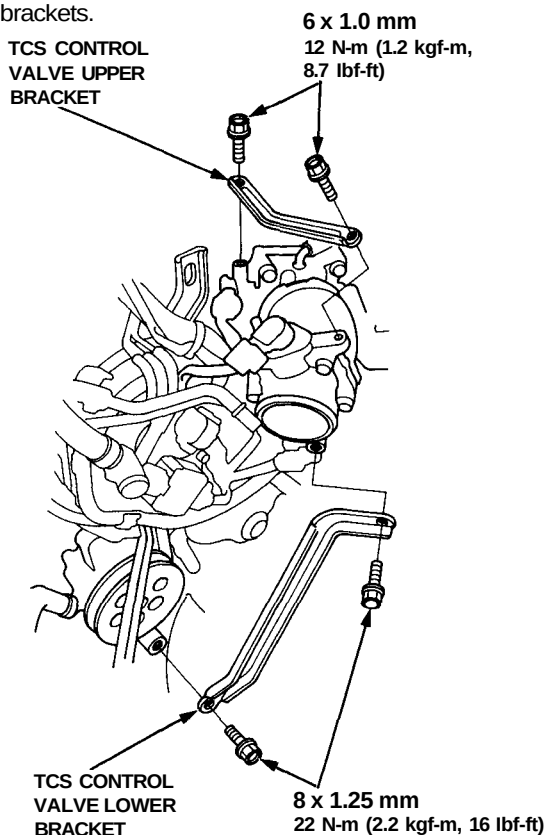
- Replace the timing belt and timing balance belt at 105,000 miles (168,000 km) according to the maintenance schedule (normal conditions, severe conditions). If the vehicle regularly is driven in one or more of the following conditions, replace the timing belt and timing balancer belt at 60,000 miles (U.S.A.) 100,000 km (Canada).

— In very high temperatures (over 110°F, 43°C).
 — In very low temperatures (under -20°F, -29°C).

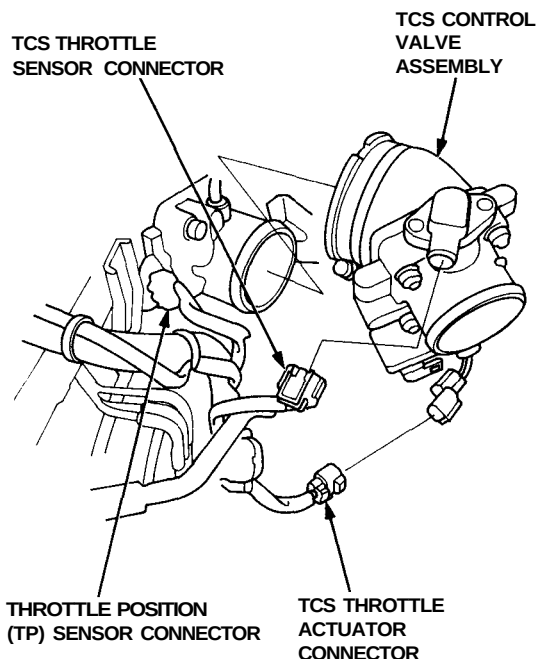
- Turn the crankshaft pulley so the No. 1 piston is at top dead center (TDC) before removing the belt (see page 6-13).
- Inspect the water pump before installing the timing belt (see page 10-10).

1. Remove the engine cover (see page 5-3).
2. Remove the intake air duct and air cleaner housing assembly (see page 5-4).
3. Loosen the mounting bolt, lock bolt and adjusting rod, then remove the alternator belt (see page 5-7).
4. Loosen the idler pulley center nut and adjusting bolt, then remove the air conditioning (A/C) compressor belt (see page 5-7).
5. Remove the TCS control valve upper and lower brackets.

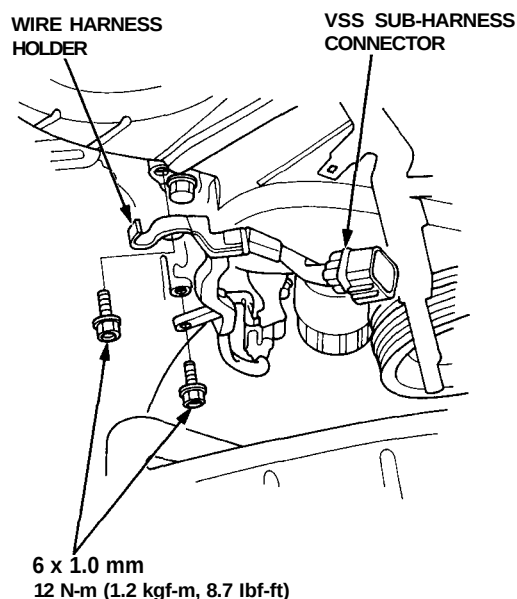
NOTE: Refer to [section 19](#) when installing the brackets.



6. Loosen the adjusting bolt, locknut and mounting bolt, then remove the power steering (P/S) pump belt (see page 6-6).
7. Disconnect the TCS throttle sensor connector, the TCS throttle actuator connector, and the throttle position (TP) sensor connector, then remove the TCS control valve assembly.

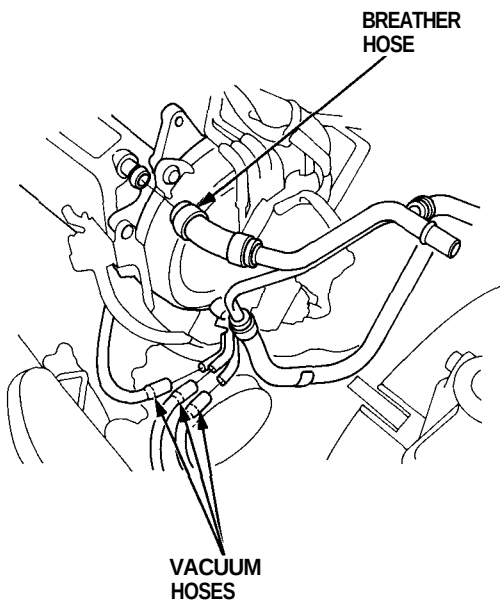


8. Disconnect the vehicle speed sensor (VSS) sub-harness connector, then remove the wire harness holder.

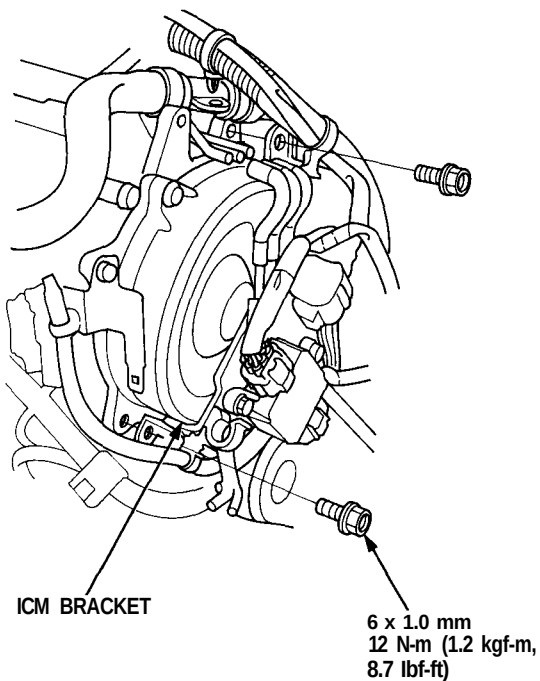




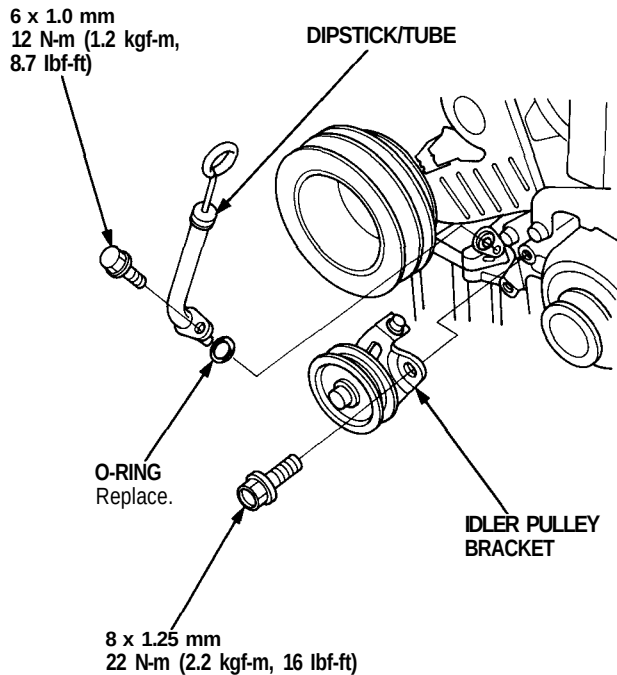
9. Remove the breather hose and vacuum hoses.



10. Remove the vacuum hoses and ignition control module (ICM) bracket.



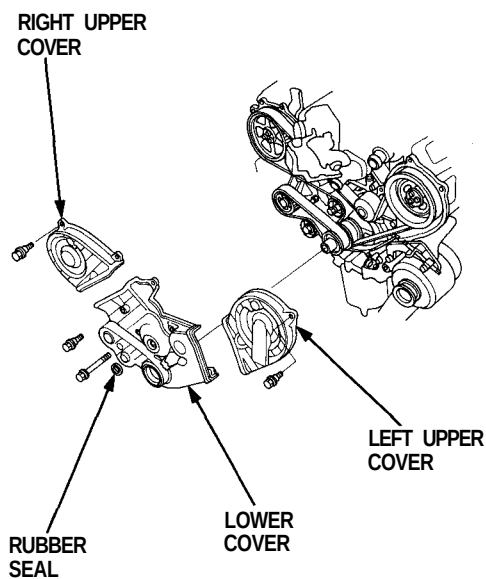
11. Remove the idler pulley bracket, dipstick and tube.



12. Remove the crankshaft pulley (see page 6-3).

13. Remove the upper and lower covers.

NOTE: Do not use the upper and lower covers for storing removed items.

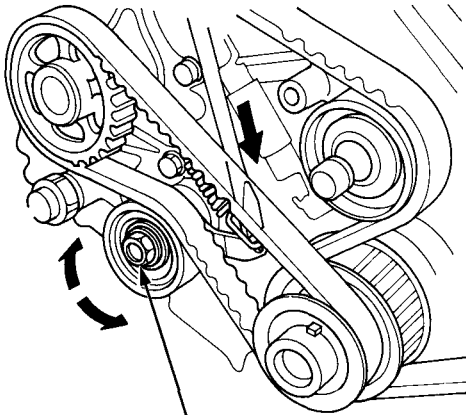


(cont'd)

Timing Belt and Balancer Belt

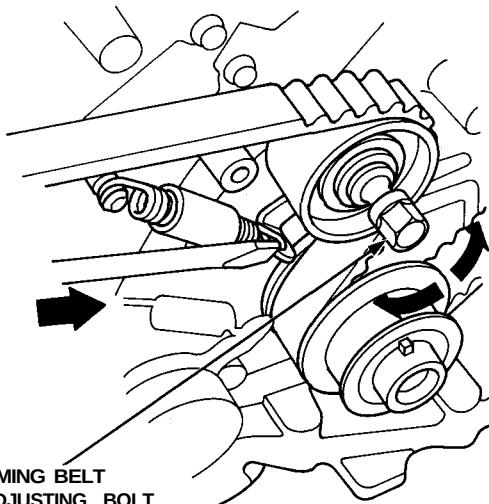
Removal (cont'd)

14. Loosen the balancer belt adjusting bolt 180°. Push the tensioner to remove tension from the balancer belt, then retighten the adjusting bolt.



**BALANCER
BELT ADJUSTING BOLT**
10 x 1.25 mm
44 N-m (4.5 kgf-m,
33 lbf-ft)

15. Remove the balancer belt.
16. Loosen the timing belt adjusting bolt 180°. Push the tensioner to remove tension from the timing belt, then retighten the adjusting bolt.



**TIMING BELT
ADJUSTING BOLT**
10 x 1.25 mm
42 N-m (4.3 kgf-m,
31 lbf-ft)

17. Remove the timing belt.