

Timing Balancer Belt

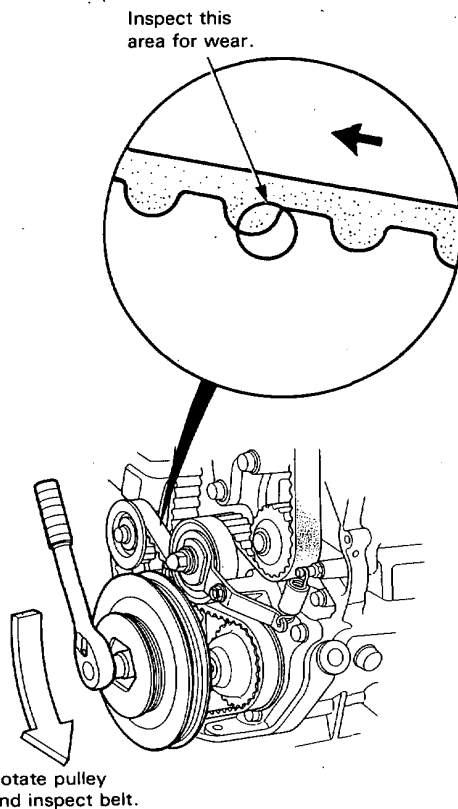


Inspection

1. Disconnect the alternator terminal and the connector, then remove the engine wire harness from the valve cover.
2. Remove the valve cover.
3. Remove the timing belt upper cover.
4. Remove the crankshaft pulley.
5. Remove the timing belt lower cover.
6. Install the crankshaft pulley.
7. Inspect the timing balancer belt for cracks and oil soaking.

NOTE:

- Replace the belt if oil soaked.
- Remove any oil or solvent that gets on the belt.



8. If the pulley bolt loosens while turning the crank, retorque it to 220 N·m (22.0 kg-m, 159 lb-ft).

Tension Adjustment

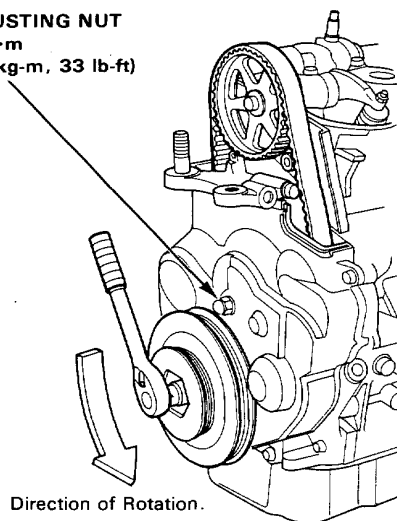
CAUTION: Always adjust timing belt tension with the engine cold.

NOTE:

- Tensioner is spring-loaded to apply proper tension to the belt automatically after making the following adjustment.
- Inspect the timing balancer belt before belt tension adjusting.
- Do not loosen the adjusting nut more than one full turn.

1. Disconnect the alternator terminal and the connector, then remove the engine wire harness from the valve cover.
2. Remove the valve cover.
3. Set the No.1 piston at TDC (page 5-41).
4. Loosen the adjusting nut 2/3-1 turn, then tighten the adjusting nut.

ADJUSTING NUT
45 N·m
(4.5 kg-m, 33 lb-ft)



5. Rotate the crankshaft counterclockwise 3-teeth on the camshaft pulley, then reloosen the adjusting nut to create tension on the timing belt.
6. Tighten the adjusting nut.
7. If the pulley bolt loosens while turning the crank, retorque it to 220 N·m (22.0 kg-m, 159 lb-ft).