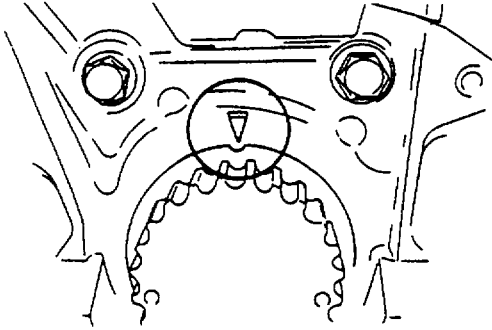


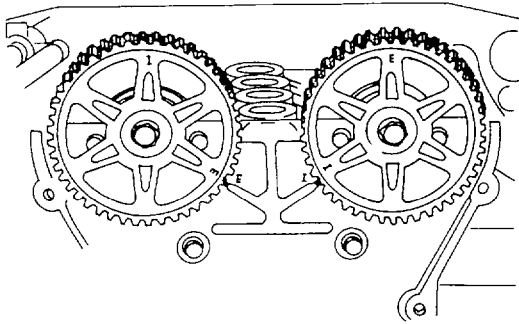
Timing Belt Installation Note

1. Verify that the timing belt pulley mark is aligned with the timing mark.



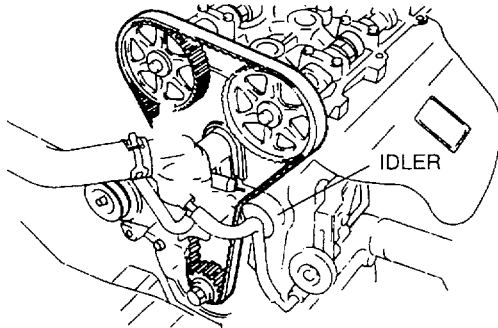
U5U11014

2. Verify that the camshaft pulley marks are aligned with the seal plate marks. E for intake side, and I for exhaust side.



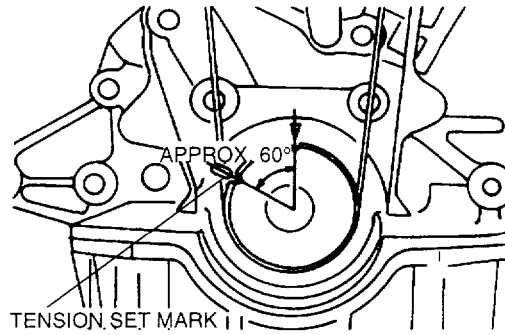
U5U11015

3. Install the timing belt so that there is no looseness at the idler side or between the camshaft pulleys.



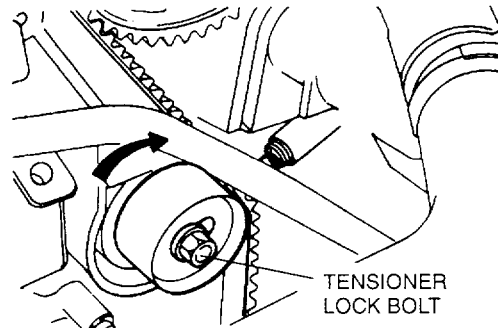
U5U11016

4. Install the pulley boss and pulley lock bolt.
5. Turn the crankshaft two turns clockwise and face the pin on the pulley boss straight up. Do not turn the crankshaft counterclockwise.
6. Verify that the camshaft pulley marks are again aligned with the seal plate marks. If not aligned, remove the timing belt and repeat from tensioner installation.
7. Turn the crankshaft 1 and 5/6 turns clockwise and align the timing belt pulley mark with the tension set mark for proper timing belt tension adjustment.



U5U11017

8. Using the **SST**, loosen the pulley lock bolt and remove the bolt and pulley boss. Do not turn the crankshaft.
9. Verify that the timing belt pulley mark is aligned with the tension set mark.
10. Loosen the tensioner lock bolt to apply spring tension to the timing belt. Be sure not to apply tension other than that of the tensioner spring.



U5U11018

11. Tighten the tensioner lock bolt.

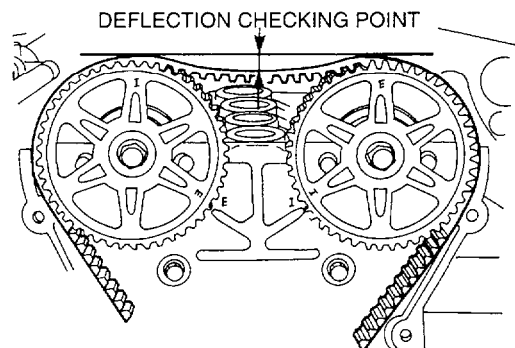
Tightening torque

38—51 N·m { 3.8—5.3 kgf·m , 28—38 ft·lbf }

12. Install the pulley boss and pulley lock bolt.
13. Turn the crankshaft 2 and 1/6 turns clockwise and verify that the timing marks are correctly aligned.
14. Measure the timing belt deflection by applying moderate pressure **98 N { 10 kgf , 22 lbf }** midway between the camshaft pulleys. If the deflection is not correct, repeat from step 10 above.

Deflection

9.0—11.5 mm { 0.36—0.45 in }



U5U11019