

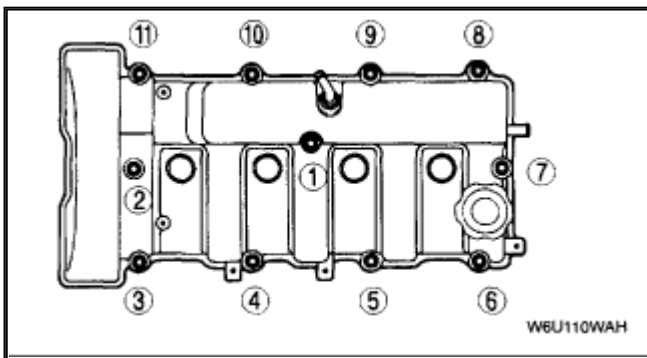
Zoom

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Crankshaft Pulley Removal Note

- Hold the crankshaft by using the SST.

CAUTION: The crankshaft position sensor rotor is on the rear of the crankshaft pulley, and can be damaged easily.



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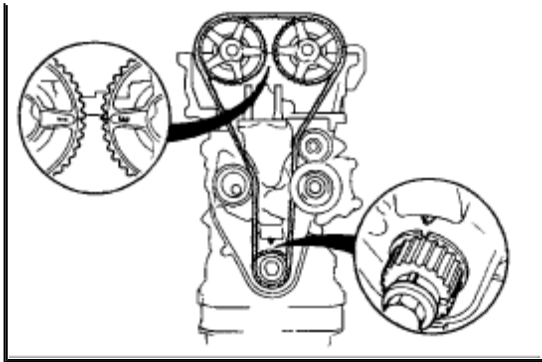
Cylinder Head Cover Removal Note

- Loosen the cylinder head cover bolts in two or three steps in the order shown.

No.3 Engine Mount Rubber Removal Note

1. Suspend the engine by using the chain block.
2. Remove the No.3 engine mount rubber.



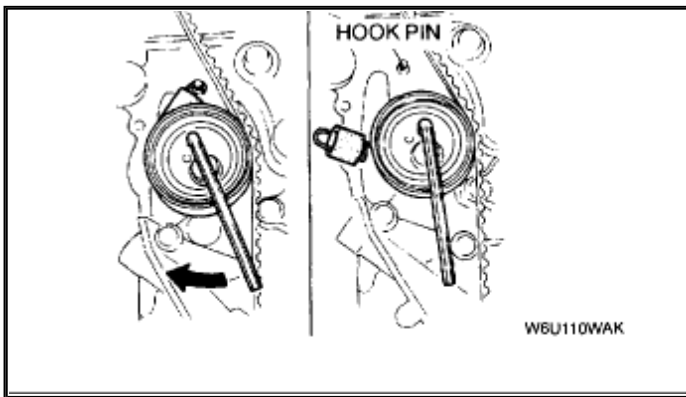


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Timing Belt Removal Note

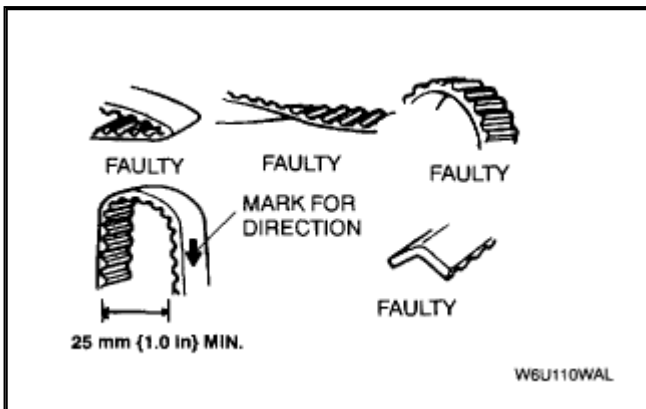
1. Install the pulley lock bolt.
2. Turn the crankshaft clockwise and align the timing marks.
3. Turn the tensioner clockwise by using an Allen wrench.



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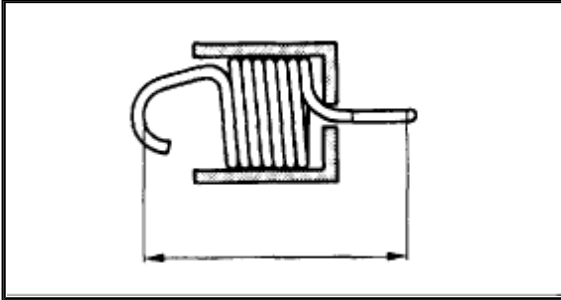
4. Disconnect the tensioner spring from the hook pin. **CAUTION:** The following will damage the belt and shorten its life; forcefully twisting it, turning it inside out, or allowing oil or grease on it.



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NOTE: Mark the timing belt rotation on the belt for proper reinstallation.

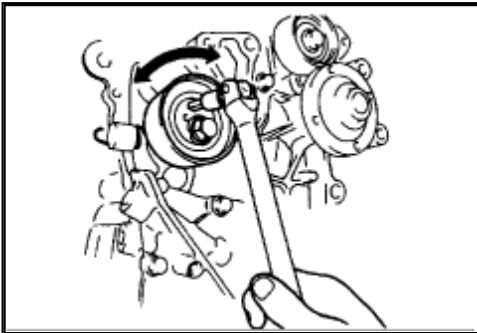


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Tensioner, Tensioner Spring installation Note

1. Measure the tensioner spring free length. If not within the specification, replace the tensioner spring. **Free length: 36.6 mm {1.44 inch}**
2. Install the tensioner.

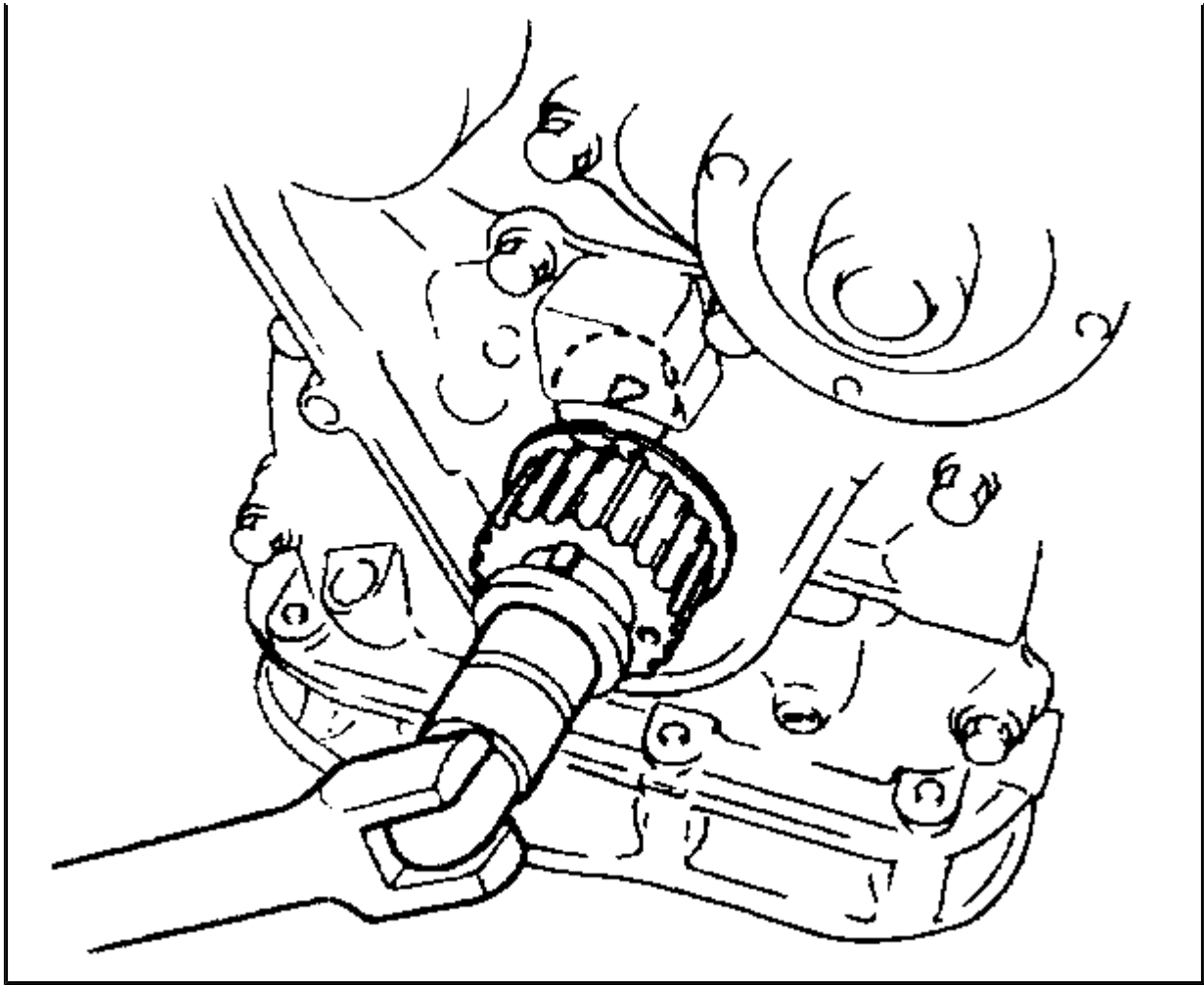


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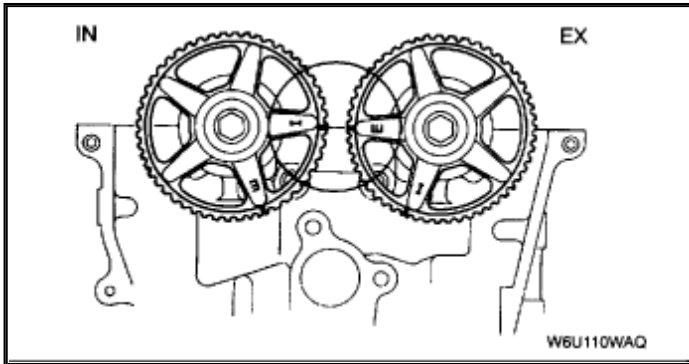
3. Rotate the tensioner. If tensioner rotates with no resistance or does not rotate, replace the tensioner.





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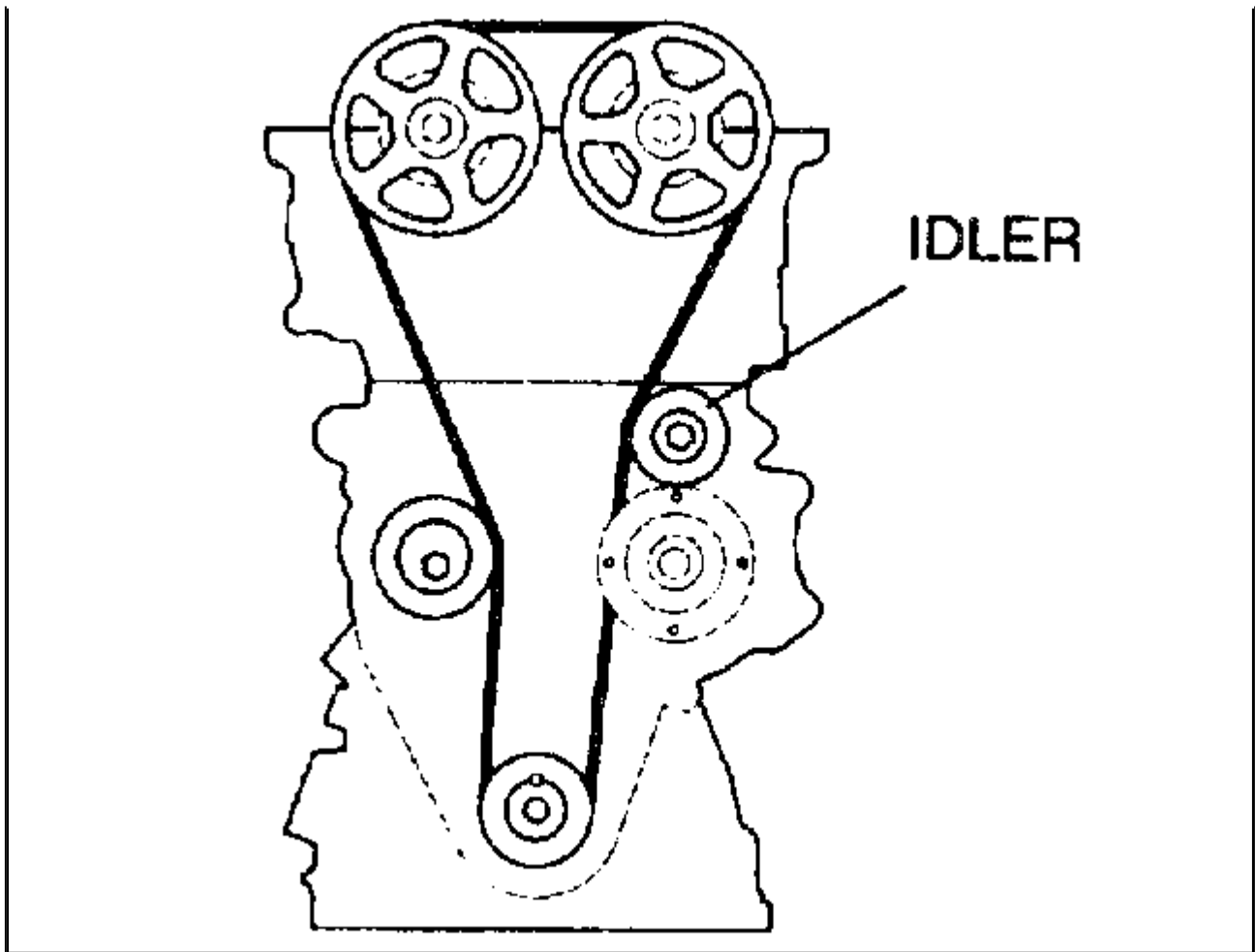


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Timing Belt Installation Note

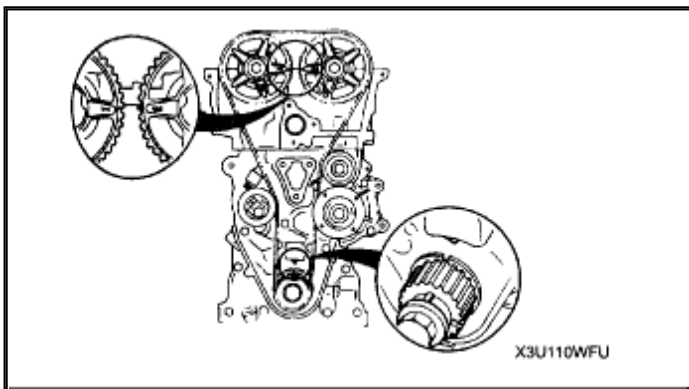
1. Verify that the timing belt pulley mark and camshaft pulley marks are aligned with the timing marks as shown.



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2. Install the timing belt so that there is no looseness at the idler side.



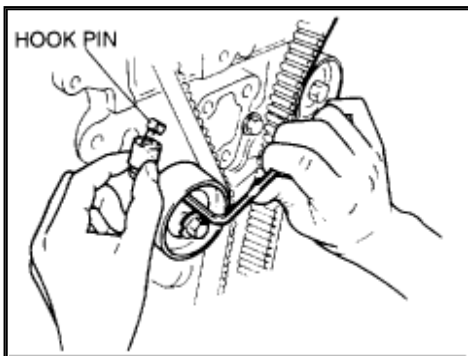
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3. Turn the crankshaft clockwise twice, and align the timing marks.
4. Verify that all timing marks are correctly aligned. If not aligned, remove the timing belt

and repeat from Step 1. **CAUTION:** Be sure not to apply tension other than that of the tensioner spring.

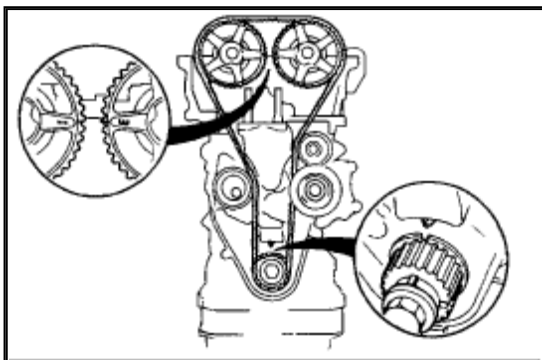
5. Turn the tensioner clockwise by using an Allen wrench.



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6. Connect the tensioner to the hook pin.

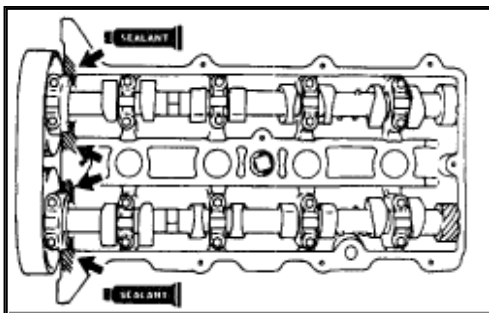


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7. Turn the crankshaft clockwise twice, and verify that all timing marks are aligned. If not aligned, repeat from Step 1. **Cylinder Head Cover Installation Note**

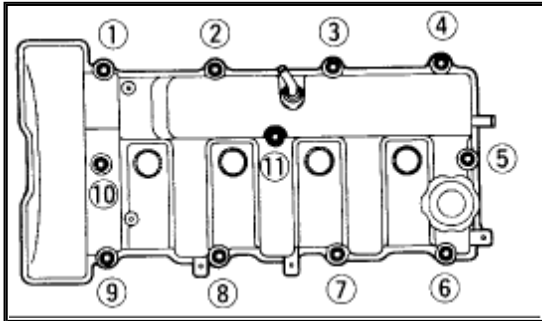
1. Verify that the grooves on the cylinder head cover are free of oil, water and other foreign material.
2. Install the cylinder head cover gasket into the cylinder head cover.



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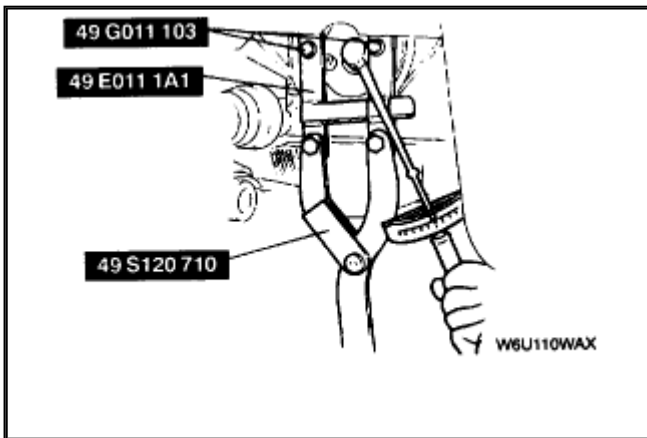
3. Apply silicone sealant to the cylinder head as shown.



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4. Tighten the cylinder head cover bolts in two or three steps in the order shown.



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Crankshaft Pulley Installations Note

- Hold the crankshaft by using the SST.