

1997 Honda Odyssey EX

HONDA' '2.2L 4-Cylinder - SOHC - Odyssey

TIMING BELT

Removal

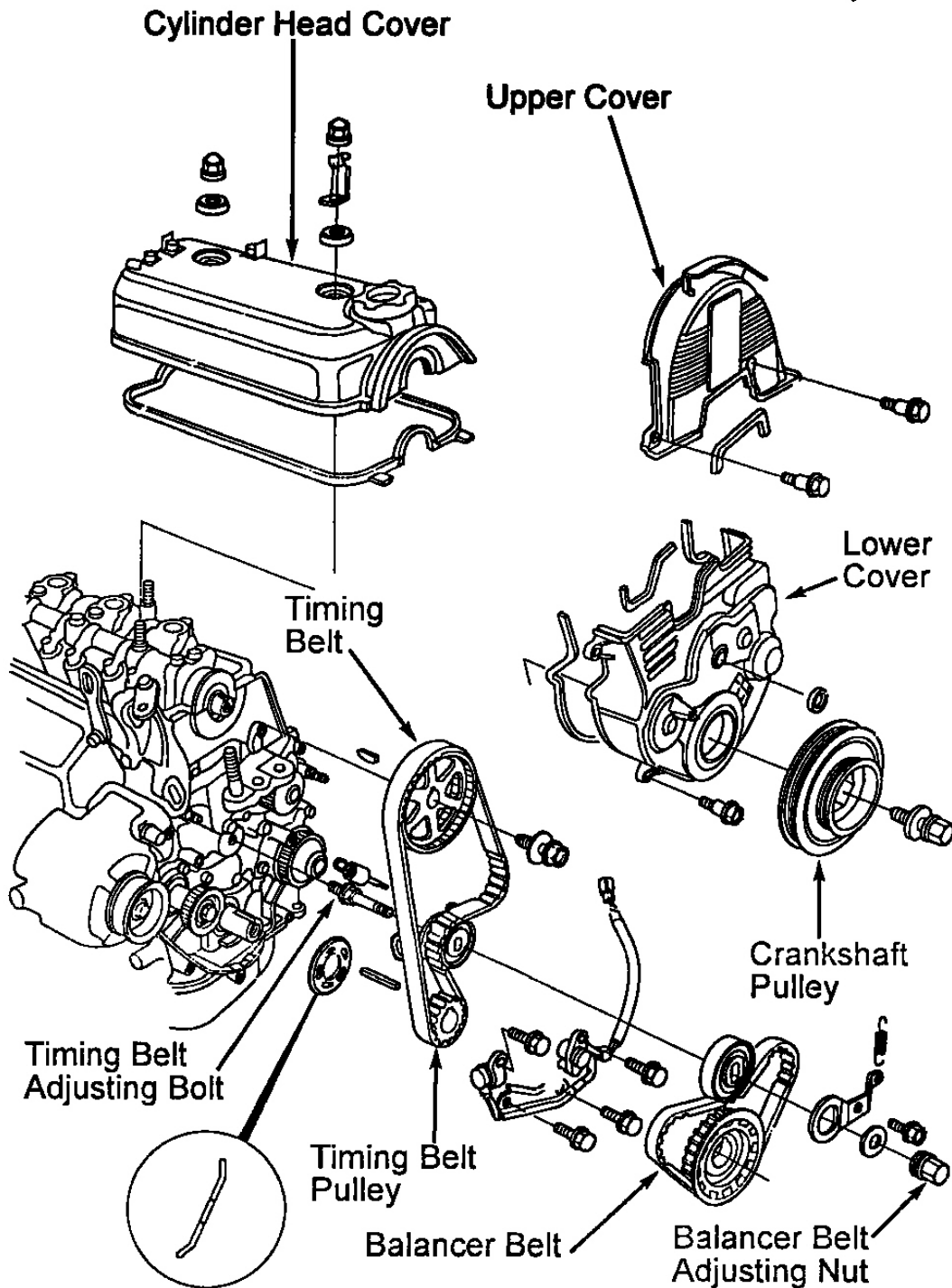
1. Disconnect negative battery cable. Rotate crankshaft counterclockwise until cylinder No. 1 is at TDC of compression stroke. While rotating crankshaft, check water pump for signs of seal leakage. Remove accessory drive belts. Remove alternator terminal and connector. Raise and support vehicle. Remove wheelwell splash shield. Use a jack, with cushion between oil pan and jack, to support engine. Remove side engine mount.
2. Remove cylinder head cover. See **Fig. 1** . Remove crankshaft pulley. Remove upper and lower timing belt covers. See **Fig. 2** . Loosen timing belt tensioner adjuster nut 145-180 degrees. See **Fig. 3** . Push tensioner to release belt tension from timing belt and balancer belt. Retighten tensioner adjuster nut. Mark rotation direction of timing belt if it is to be reused. Remove timing belt from pulleys.

Installation

Ensure cylinder No. 1 is at TDC of compression stroke. See **Fig. 4** and **Fig. 5** . Install timing belt in sequence shown. See **Fig. 6** . Tighten bolts to specification. See **TORQUE SPECIFICATIONS** . To complete installation, reverse removal procedure. Adjust drive belts to proper tension.

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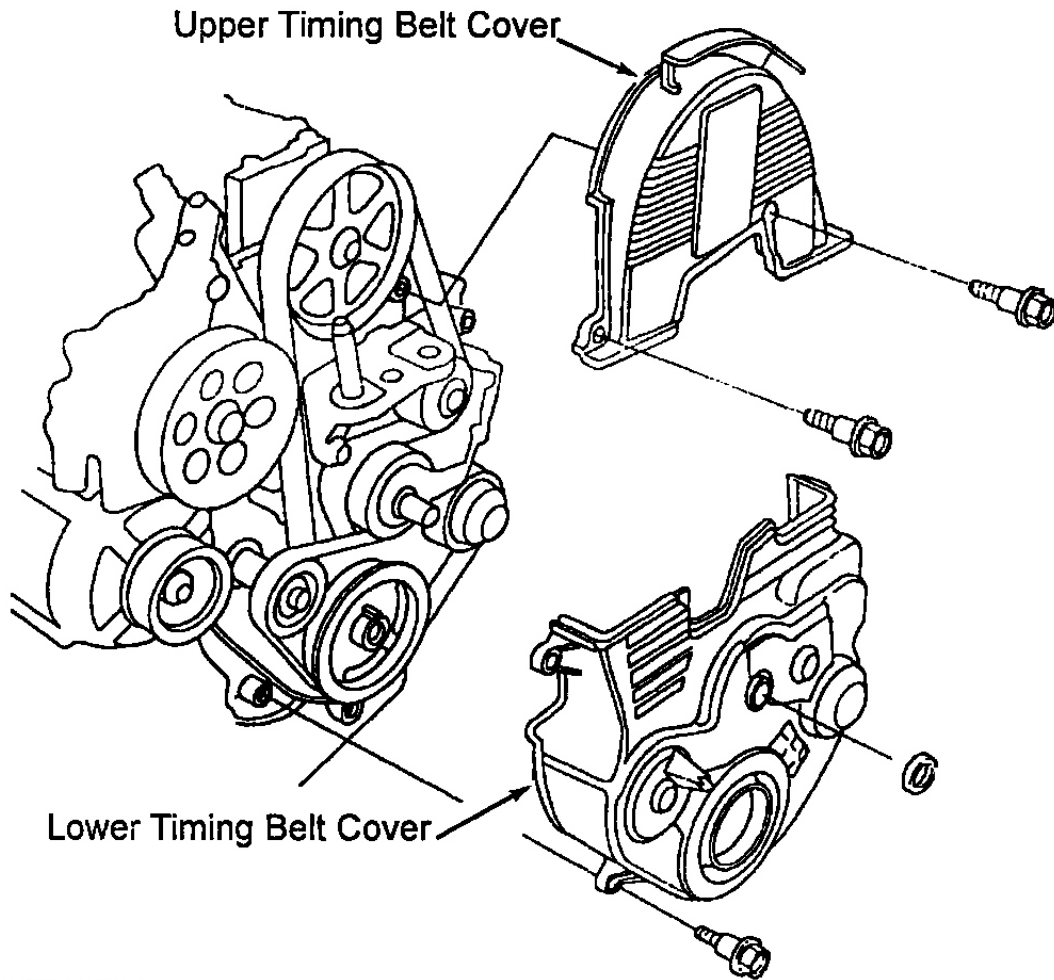
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Fig. 1: Exploded View Of Timing Belt, Balance Belt & Related Components

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Courtesy of AMERICAN HONDA MOTOR CO., INC.

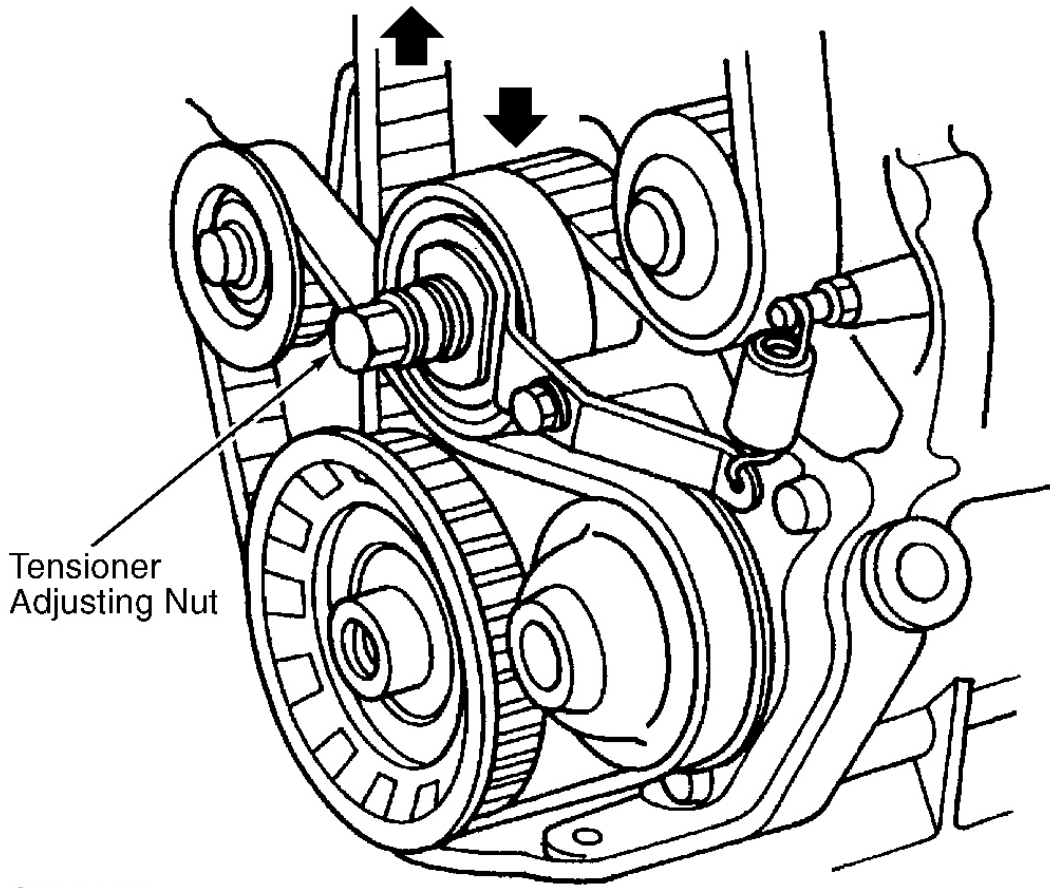


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Fig. 2: Removing & Installing Timing Belt Covers
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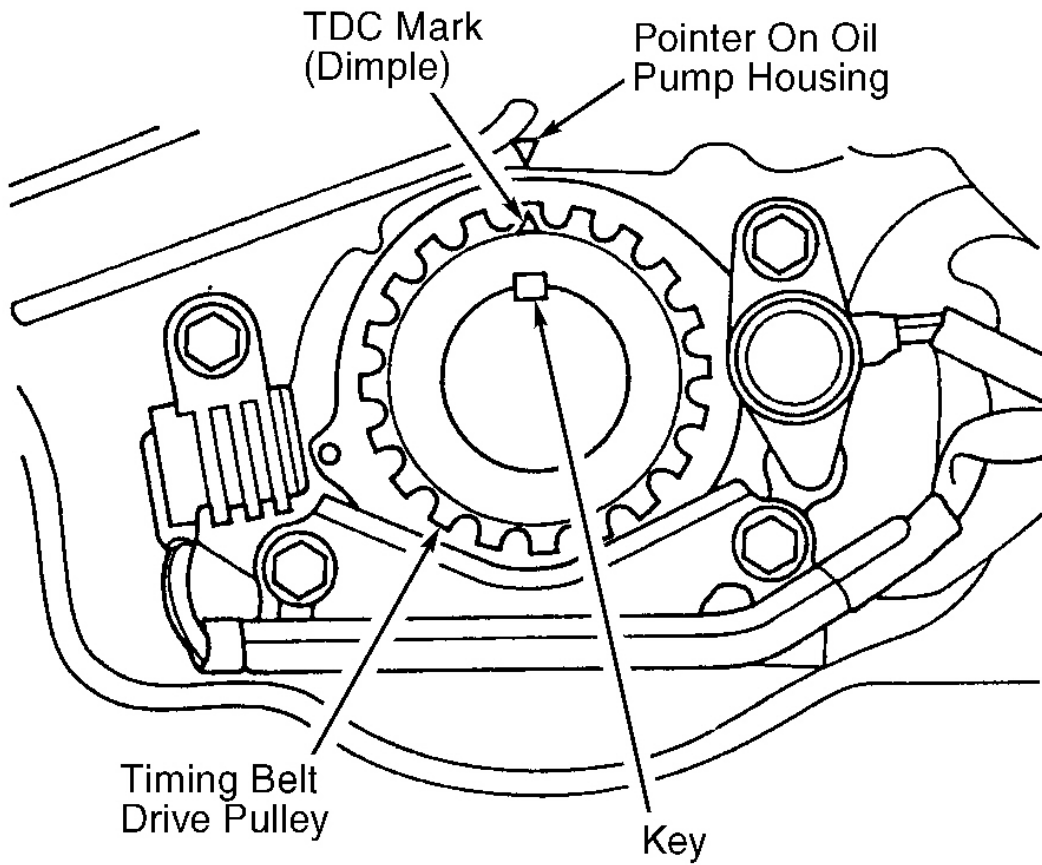


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Fig. 3: Loosening Tensioner Adjusting Nut
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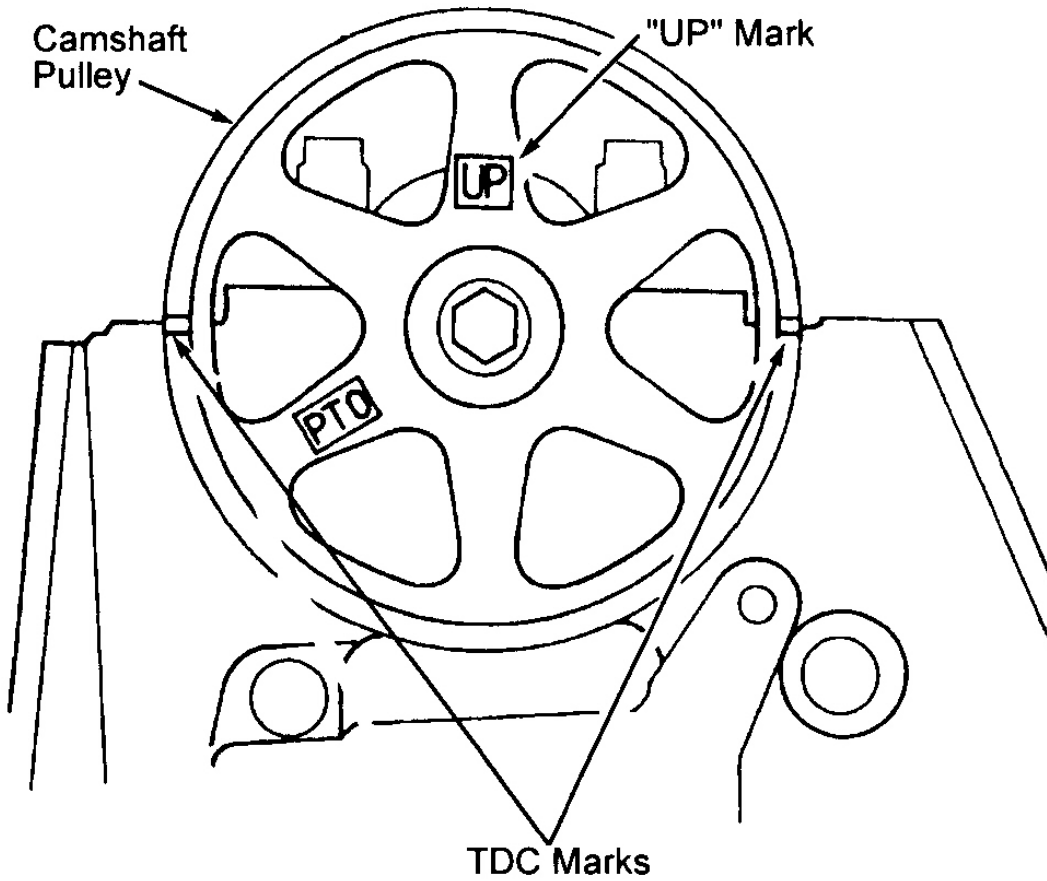


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Fig. 4: Aligning Timing Belt Drive Pulley Key & TDC Mark
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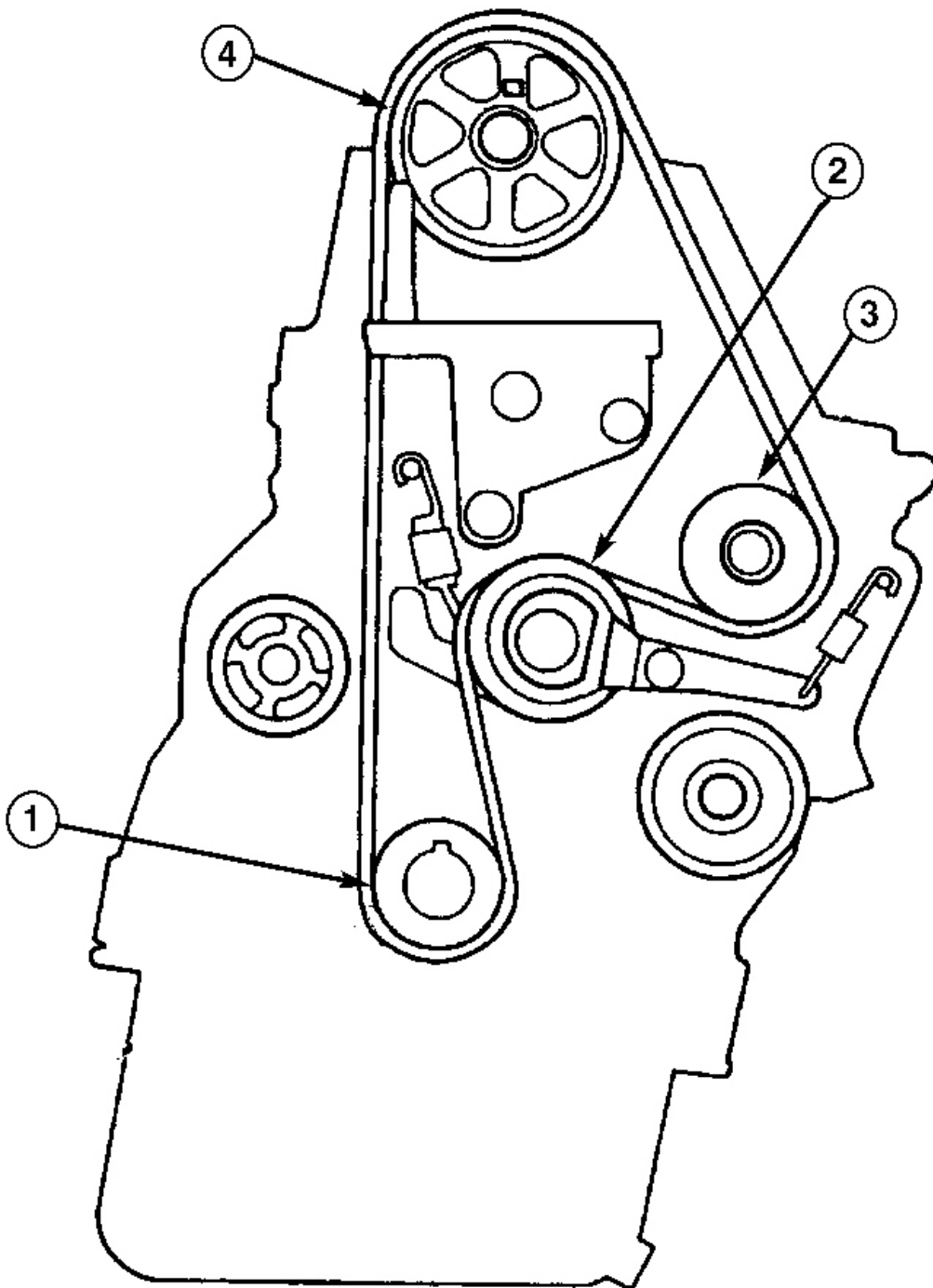


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Fig. 5: Aligning Camshaft Pulley TDC Marks
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Fig. 6: Identifying Timing Belt Installation Sequence

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TORQUE SPECIFICATIONS

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Application	Ft. Lbs. (N.m)
A/C Compressor Bracket Bolt	33 (45)
Alternator Bracket Bolt	33 (45)
Camshaft Sprocket Bolt	28 (38)
Crankshaft Pulley Bolt	181 (245)
Power Steering Pump Mounting Nut	16 (22)
Timing Belt Adjuster Bolt	49 (67)
	INCH Lbs. (N.m)
Timing Belt Cover Bolt	86-104 (7.2-8.7)
Valve Cover Nut	86 (9.8)
