

<b>Subject:</b> <b>MULTI MODEL - FRONT CRANKSHAFT BOLT SERVICE WARNING</b>	<b>Bulletin No:</b> 01-022/06
	<b>Last Issued:</b> 6/16/2006

## BULLETIN NOTE

This bulletin supersedes the previous bulletin 01-015/05 issued 4/15/2005. The APPLICABLE MODEL(S) / VINS and DESCRIPTION have been updated.

## APPLICABLE MODEL(S) / VINS

2001-2007 Truck / B-Series (2.3L Only)

2005-2006 Tribute (2.3L Only)

2003-2007 Mazda6 (2.3L Only)

2004-2007 Mazda3 (2.0L & 2.3L)

2006-2007 Mazda5

2006-2007 Mazda MX-5

2006-2007 Mazdaspeed6

2007 Mazda CX-7

2007 Mazdaspeed3

## DESCRIPTION

When removing or replacing the crankshaft pulley on a 2.0L (Mazda3 only) or a 2.3L engine, be sure to follow the Workshop Manual procedures.

The crankshaft pulley is not keyed to the crankshaft, and when loosened, it may move out of position on the crankshaft. The engine **MUST** be re-timed whenever the crankshaft pulley bolt is loosened, removed, or replaced.

For normal aspirated engines, follow the Workshop Manual procedures and time the engine using Special Tools (Crankshaft Alignment Pin 303-507, Camshaft Alignment Timing Tool 303-465 and a standard M6 X 1.0 X 2.25 bolt).

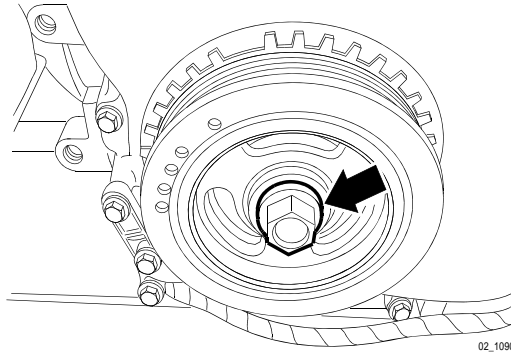
For direct injection spark ignition engines, follow the Workshop Manual procedures and time the engine using Special Tools (Crankshaft Alignment Pin 303-507, Camshaft Alignment Timing Tool 303-1061 and a standard M6 X 1.0 X 2.25 bolt).

Please refer to the Mazda Job Aid on MS3 under Training titled "Engine Timing Verification and Correction LF2.0L and L3/L3T 2.3L" for more information.

**CAUTION:** Engine damage will occur if the engine is not re-timed properly. Refer to applicable Workshop Manual (Section 01-10 - MECHANICAL - 2.0L (Mazda3 only) or 2.3L).

**NOTE:** Damage to an engine caused by not following proper Workshop Manual procedures may result in denial of warranty claims or back charges.

**NOTE:** The crankshaft pulley bolt cannot be re-used, it must be replaced.



**PART(S) INFORMATION**

Part Number	Description	Qty.
LF01-11-406	Bolt (Crankshaft Pulley)	1