



Service Bulletin

PRELIMINARY INFORMATION

Subject: Supplement to Bulletin 06-06-01-017 - User Tips for EN48464

Models: 2004-2007 Buick Rainier
2002-2007 Chevrolet Trailblazer
2004-2007 Chevrolet Colorado
2002-2007 GMC Envoy
2004-2007 GMC Canyon
2002-2004 Oldsmobile Bravada
2006-2007 HUMMER H3
2005-2007 Saab 9-7X
With any of the following engines:
2.8L (VIN 8 - RPO LK5)
2.9L (VIN 9 - RPO LLV)
3.5L (VIN 6 - RPO L52)
3.7L (VIN E - RPO LLR)
4.2L (VIN S - RPO LL8)

This PI was Superseded to update Recommendations / Instructions. Please Discard PIP3940B.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Carefully follow the repair instructions outlined in the latest version of 06-06-01-17 to properly use the Lower Timing Gear Tensioner Holding Tool (EN48464). Failure to properly insert and secure the holding tool as instructed in the bulletin may result in a ratchet out movement of the timing chain tensioner and the need to perform additional repair steps not covered by the warranty repair time.

Recommendation/Instructions

Following are some tips for proper tool usage:

1. Thoroughly review the latest version of 06-06-01-017 before the cylinder head replacement process is started.
2. Before using the tool, make sure that the tool handle and threaded rod unscrew from the wedge as shown below.

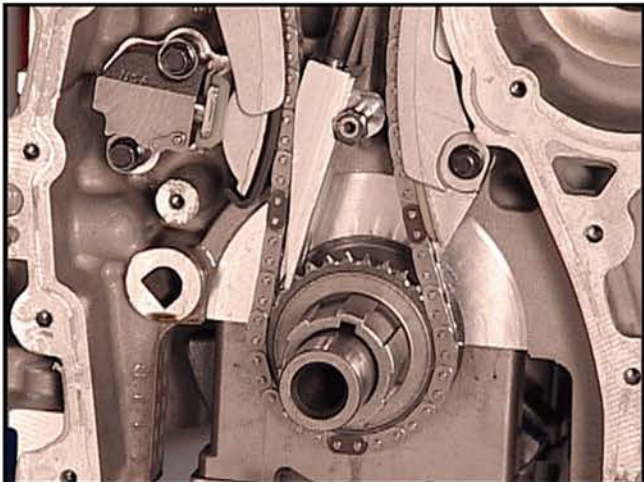


If the tool handle unscrews from the threaded rod, leaving the threaded rod screwed into the wedge as shown below, apply thread locker to the threads of the tool handle and screw it onto the threaded rod to prevent it from coming off in the future.

This should be done before replacing the cylinder head by following the latest version of 06-06-01-017.



3. When inserting the wedge, ensure that it is installed in the correct direction as shown below.



4. The procedure for installing the wedge tool in the latest version of 06-06-01-017 advises that the wedge should be lightly seated using a couple of very light taps with a small plastic or brass hammer

Although these should be light taps, they should also be solid taps to ensure that the wedge is seated properly.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools,

safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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