



Timing Chain Tensioner Caution On 1998-00 Chrysler 2.7L VIN R Engines

The AERA Technical Committee offers the following information on timing chain tensioner caution on 1998-00 Chrysler 2.7L VIN R engines. When removal of the primary and/or secondary chain tensioners is necessary, it is very important to follow the steps listed in the service manual. If the timing chain tensioners are not set up properly, timing chain noise will result.

For the primary tensioner, the use of Tool #8186 is required for purging and resetting. To correctly reset, purge and install the tensioners, Chrysler offers the following information.

1. Remove the tensioner from the tensioner body as shown in Figure 1.
2. Place the check ball end of the tensioner in the shallow end of tool Part #8186.
3. Slowly depress tensioner until oil is purged out of the tensioner shown in Figure 2. This can be done by hand pressure.
4. Reinstall the tensioner into the housing of the tensioner body.
5. Reset the timing chain tensioner by positioning cylinder plunger into deeper end of the tool #8186.
6. Apply a downward force until tensioner is reset.

Note: If oil was not first purged from the tensioner, use light finger pressure to assist the center arm of tool #8186 to unseat the tensioner check ball.

Caution: Make sure that the tensioner is properly reset. The tensioner body must be bottom-out against the top edge of tool #8186. Failure to properly perform resetting procedure may cause the tensioner to jam.

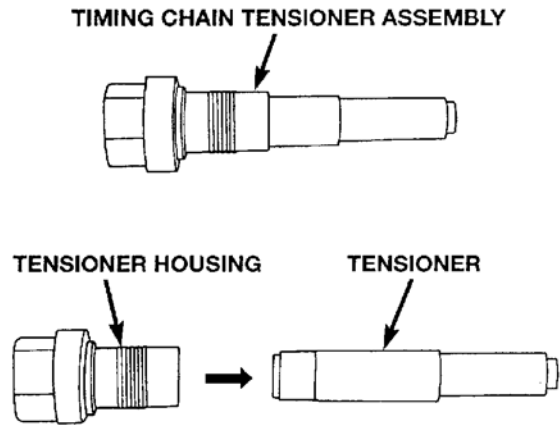


Figure 1: Disassembly Tensioner Assembly

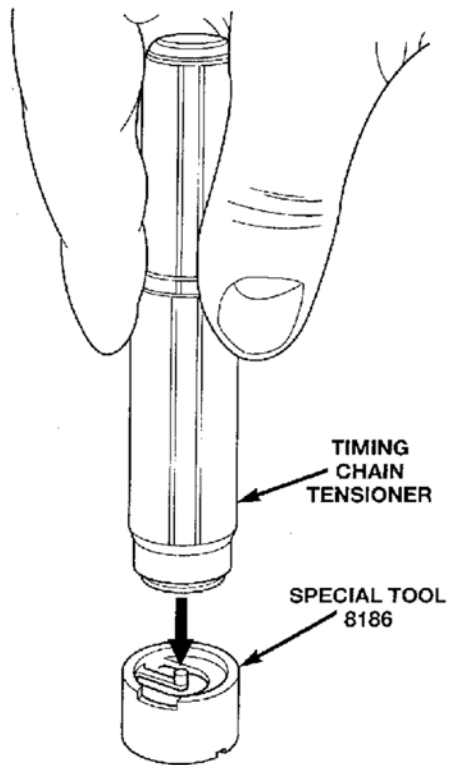


Figure 2: Depressing Oil Out of Plunger

The AERA Technical Committee

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