



Timing Chain Tensioner Caution for 1998-2003 Chrysler 2.7L VIN R, U & V Engines

The AERA Technical Committee offers the timing chain tensioner caution for 1998-2003 Chrysler 2.7L VIN R, U & V engines. The caution expressed should be considered anytime a tensioner is being inspected for possible reuse during engine assembly. These engines use a combination of three tensioners per engine, two for the cam chains and one for the crank to cam chain.

Tensioner failure shortly after installation has been reported when reusing an inspected "good" tensioner. It has been reported that the reliability of reusing any tensioner is risky as tensioner failure may cause catastrophic engine damage. Apparently, determining tensioner reuse by visual inspection only is an unreliable procedure. **It is therefore recommended to replace all three tensioners with new ones at the time of service.**

The three tensioners consist of one long chain tensioner, called the primary chain tensioner and two short secondary chain tensioners. Aftermarket parts for these tensioner assemblies are becoming more available with time as there is a high demand for them.

<u>Application Years</u>	<u>Primary Tensioner</u>	<u>Secondary Tensioner</u>
1998-99	Part #4792443AA (Screws in)	4663676 (two required)
2000-03	Part #4792443AB (Bolts in)	4663676 (two required)