

Technical Bulletin

Hyundai, Mitsubishi Various Models - Caution Fitting Timing Belt

Applicable References: ADC47514, ADG07607

Applications: Hyundai, Mitsubishi Various Models

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We have experienced several claims for 'timing belt failure' on the above model. Thorough investigation has identified the cause as insufficient timing belt operating tension, resulting from incorrect fitment or damage to the viscous tensioner.

This vehicle model is fitted with a manual AND viscous tensioner and it is ESSENTIAL that when fitting or tensioning the timing belt that the correct manufacturer's procedure is followed carefully. We recommend that a new viscous tensioner be fitted as a matter of course. However, if the original tensioner is to be used, the following additional care must be taken:

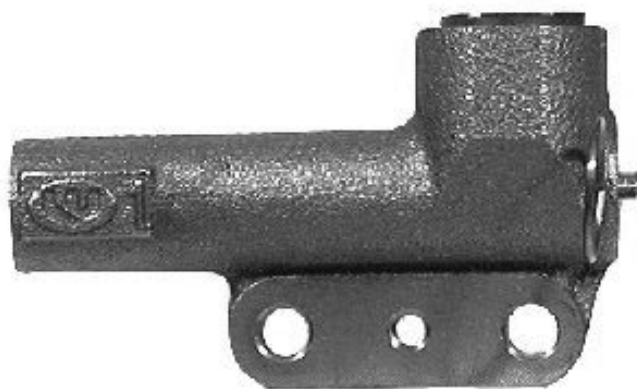
Compress the viscous tensioner SLOWLY, otherwise the hydraulic valves inside the unit will become distorted and cause the tensioner to 'over relax' after fitment. Take two or three minutes (using a workshop vice with protected jaws) to compress the tensioner.

Once fitted, check that the viscous tensioner protrusion is correct (3.8 - 4.8mm). LEAVE FOR AT LEAST 15 MINUTES THEN RE-CHECK THE PROTRUSION. If the protrusion has decreased, replace the tensioner.

A third check of the tensioner protrusion or belt tension is advisable after a longer period.

Blue Print recommend that the tensioner is replaced as a matter of course. If you have any doubt about the condition of the original viscous tensioner, it should also be replaced.

ADG07607 Timing Belt Tensioner assembly



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