



DRIVEN BY POSSIBILITY™



TCK COMPONENT KITS

SAFEGUARD AGAINST TIMING SYSTEM REPAIRS WITH **GATES TIMING COMPONENT KITS (TCKS).**

- **Broad Coverage** - Gates offers more than 500 kits covering Australian and New Zealand applications.
- **OE Excellence** - Gates is the OE supplier on 75% of the timing belts in the market today.
- **Added Value** - Gates has available relevant technical service bulletins and installation tools necessary.
- **Industry Leading Warranty** - Gates provides added protection of a warranty which is exactly per the vehicle-makers replacement interval, with parts and labour covered.



Gates includes more springs and accessory components than any other supplier

Gates includes hydraulic tensioners (where applicable)

GOING BEYOND OE **SPACER TOOL**

Original equipment is usually the quality standard, but OE still needs a flawless installation. Several engine models started to have significant timing system failures due to improper installation.

Upon installation, the rotation of the bolts which secure the guide plate to the engine naturally forces the guide plate down towards the belt. If the guide plate is installed too close to the belt or if the bolts on the guide plate aren't tightened correctly, the plate can make contact with the timing belt cover. Any contact between the guide plate and belt, and/or an incorrect clearance between the timing belt and guide plate, will cause friction and generate excessive heat. This extreme heat will compromise the bearing's lubricant and lead to bearing seizure/failure. Gates Australia has seen cases where the heat generated has been so severe that the bearings have disintegrated with the vehicle having travelled less than 50 kilometres.

Gates have seen engine models affected by this issue are mainly 2.0L/2.5L, SOHC/DOHC, manual transmission engines. The tool is included in all kits relevant to the affected vehicles.

Gates engineers found the problem, and created the spacing tool for the Gates TCK that ensures a perfect installation, every time.



TCK COMPONENT KITS

THE HIGH STAKES OF TIMING SYSTEM MAINTENANCE

Timing system belt and component replacement are major jobs. They are time-intensive and a big investment for your customers. We all know doing the job right is critical, but here's why it's even more important when it comes to the timing system.

Inconvenience - Repair of a damaged system can be very costly, and take hours of labour to complete.

Reputation - A customer that is stranded due to a flawed job may never return and studies show upset customers talk about their experience 8x more than happy ones.

Money - Repair of failed timing component jobs can cost you thousands. Can you afford leaving even one timing system repair to chance? See an example of a recent customer come back:

Labour: 8 hours at \$100 per hour \$800

- Sublet cylinder head repair: \$1485*
- Valve cover gaskets: \$50
- Head bolts & gaskets: \$201
- Additional gaskets: \$109
- Oil seal: \$9
- Main parts-TCK: \$375

***NB: A late model 4x4 Diesel Cyl. head could exceed \$5000 to recondition.**

Grand Total: \$3029*

*Example based on estimate repair costs.



THE OPPORTUNITY

Timing Component Kits help you avoid the high stake risks and have added benefits:

Reach - Over 7 million vehicles in operation are in the replacement sweet spot of 7-14 year vehicle age for timing system maintenance.

A Smart Investment - 90% of timing belt failures are due to a pulley or associated product failure. Rather than just replacing the timing belt, the nominal fee for the complete timing component kit is a great "insurance plan" to avoid thousands in comeback costs.

Efficient - Sourcing all the OE parts for a complete timing system repair can be time consuming. With a Gates TCK, you get the belt, pulleys and other necessary components with a single part number.

THE SOLUTION

Complete Timing Component Kits help you avoid the potential consequences and come with added benefits:

Convenient - You can get Gates TCKs from your preferred automotive parts supplier.

Assured Quality - A full set of Gates OE quality parts will give you confidence you are providing maximum value with extended performance, service life and warranty.

Great Value - Gates TCK's provide value with all the required components conveniently packaged in one box.

Truly Complete - Gates TCKs include everything needed for you to do a comprehensive and successful repair.



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