

Fitting Instructions

ATTENTION: BEFORE FITTING THIS PART PLEASE READ THIS SHEET FULLY. FAILURE TO COMPLY WITH ANY OF THESE GUIDELINES WILL INVALIDATE YOUR WARRANTY.

Thank you for purchasing this timing belt repair kit from Britpart.

In an effort to improve the fitment and operation of this part please take a moment to familiarise yourself with the information provided on this sheet.

FITTING STC4095L & STC4096L

1. When fitting a new idler pulley stud to either the front cover or original cover, ensure that at the front of the stud hole there is a 2mm x 45° chamfer. If one is not present produce one using an appropriate countersink tool.
2. *When fitting do not use the original spacer washer, as this is not required with the new design. It has been replaced by the stud and nut and new design idler pulley.*
3. *Discard the original slotted washer and flange bolt when fitting the new tensioner. Please use the short M10 cap head screw supplied in the kit.*

4. When fitting the timing belt ensure that the timing marks are aligned and the appropriate pins are used.
5. Fit the idler pulley and tensioner assembly and tighten to 45Nm.
6. Loosen the three injection pump pulley fixings.
7. Fix timing belt onto the pulleys.
8. Lightly tighten the tensioner locking screw then back off one full turn. Ensuring the tensioner is free to move.
9. Using a dial type torque meter with a maximum length of 250mm apply a torque of 11Nm with the torque meter positioned vertically.
10. Tighten the tensioner locking bolt to 45Nm.
11. Tighten the injection pump pulley fixings to 25Nm.
12. Rotate the engine crank by hand two revolutions and check timing pins fit correctly. Remove timing pins.
13. On new vehicles, fit a new crankshaft front seal to the front cover plate (see information below), refit cover plate and remaining covers and ancillaries as detailed in workshop manual.

Britpart Parts information:

	Discovery:	Defender:	Range Rover Classic:
STC4095L:	MA 081991 to 200000	MA 939976 to VA 101256	MA 647645 to MA 664120
VIN ranges	MA 500000 to VA 542370 TA 700000 to VA 711273		

STC4096L:	VA542371 to VA 558898	VA 101257 to VA 129096	Not applicable
VIN ranges	VA 711274 to WA 748935		

New front crank seal. ERR7143:	VA 548520 to VA 558898	VA 107351 to VA 129096	Not applicable
VIN ranges when fitting STC4096L kit	VA 716697 to WA748935		