



VF GTS LSA Streetfighter Boost Pulley

Important! Must Read First

Congratulations on the purchase of the Streetfighter Boost Pulley system for your VF GTS LSA.

To ensure your pulley is fitted correctly and operates perfectly and reliably we advise that this kit is fitted by a Streetfighter Dealer workshop.

If you are unable to access a Streetfighter dealer we strongly recommend a professional experienced fully qualified technician to install your new Streetfighter pulley .

Ask your qualified installer to contact KPM Motorsport on any aspect not clear in the instructions provided. 08 82999 998 / david@kpmmotorsport.com.au

As a wide variety of skills, procedures, special tools and workshop equipment is needed to install this kit:

- KPM will take NO responsibility or give NO guarantees on the operation of this product for fitment not carried out by a Streetfighter dealer or experienced qualified technician.
- KPM Motorsport will take NO responsibility or give NO guarantees on the operation of this product due to not fitting this kit exactly as per the instructions provided.

Ensure correct workshop safety procedures are carried out in fitment of this kit. Please read ALL instructions and take heed of all warnings before commencing fitment.

Guaranteed

On satisfaction that ALL instructions have been followed as per this document KPM Motorsport will warrant the Streetfighter pulley against any defects or faults for 12 months from the date of purchase.

Should you want to extend your warranty and have complete piece of mind, contact KPM Motorsport or one of the Streetfighter dealers Australia wide to enquire on our exclusive **3 Year Factory Warranty Protection***

*conditions apply / contact KPM Motorsport for details

Removal of Standard Pulley

- 1) Loosen the drive belt and remove from the supercharger pulley only.
- 2) Remove bottom engine mount nuts, and jack motor up slightly.
- 3) Fit both halves of the special pulley removal tool to the standard pulley and secure bolts.
- 4) Utilise a suitable hydraulic puller to attach to the pulley removal tool.
- 5) Proceed to press off standard pulley until completely removed from supercharger shaft.

Prepare shaft for fitment

- 1) Lightly clean supercharger shaft with 1200 grade emery paper.
- 2) Supercharger shaft MUST be free of any oil or grease. Use a non-petroleum based solvent (eg brake cleaner) to ensure shaft is clean and dry.

Installation of Streetfighter Pulley

- 1) Ensure that the quick release torque unit hub is mounted firmly and flush against the shoulder of the new pulley.
- 2) Position the pulley and quick release assembly on the supercharger shaft making sure the pulley is as far back as it can go.
- 3) Hand Tighten the nut (clockwise) until the assembly becomes snug on the shaft
- 4) Re-check the supercharger shaft and the quick release assembly are still in position.
- 5) With someone to help use a 38mm open end or ring spanner to hold the larger silver nut.
- 6) Using a Torque wrench with a 32 mm socket, tension the smaller front nut to exactly 136 nm Torque.

Warning

Do not over tighten or under tighten nut

- 7) Re-check pulley onto supercharger shaft final alignment
- 8) If not aligned undo the black smaller nut and re-start start from **instruction 2**
- 9) Refit belt over new pulley ensuring that all belt ribs are inline correctly with all pulley ribs.
- 10) Lower engine and refit engine mount nuts.
- 11) Start engine and check for belt operation and pulley alignment.
- 12) Road test. Stop engine and re-check all alignments.

Warning

The new Streetfighter pulley will deliver 2- 3 psi extra boost over the standard pulley. The vehicle **must** be tested and possibly re-tuned on dyno for correct and reliable engine operation.