

## 2002 -2016, Air-Cooled, Triumph Modern Classics

# Cone Engineering “Dominator Sport” and “Dominator Touring” Installation Instructions

### Bonneville/T100 (Touring or Sport Versions)

*The Bonneville/T100 exhaust can be used with or without a center stand. Metal kickstand stops and centerstand stops are mounted on the left side muffler. These mounts reuse the rubber inserts from your stock mufflers. It is very important that they are installed for the stands to function properly. If your rubber stops are missing you will need to purchase replacements from a Triumph dealer. RETUNING AFTER INSTALLATION OF AN AFTERMARKET EXHAUST IS ALWAYS RECOMMENDED.*

- Remove and reuse stock muffler clamps. (If your stock clamps are not available, a replacement clamp can be used but may not have as much clamping strength as the original. Some clamp designs have a greater tendency to vibrate loose. Check tension regularly - but do not overtighten).
- Transfer the rubber kickstand stop, and centerstand stop (if centerstand equipped), from your stock muffler.
- Remove rear passenger pegs.
- Remove stock mufflers.
- On your new mufflers, determine which is right and left. There are several ways to tell. The logos face outward and upward. There is coding on the inward side of the rear bracket, and in the code you will see an “L” and an “R” on the muffler.
- Install mufflers onto existing header. Use of a high-temperature sealant is advised on the connection surface between header and muffler to reduce air leakage. **DO NOT TIGHTEN CLAMPS YET.**
- Install rear muffler mount at rear passenger peg. The bracket installs to the **OUTSIDE** of the rear passenger peg mount, then the peg installs on top of the bracket. Install pegs making note that pegs fold upward in proper direction and the nipples on the inside of peg seats in the slot of each muffler mounting bracket. Hand tighten, do not torque pegs until you finish aligning the mufflers.
- Before tightening any hardware make sure mufflers are positioned equally in all directions - same relative height, width and securely on header. They can be repositioned fairly simply by rotating the muffler on the header or raising one side or the other on rear bracket.
  - NOTE: If you have difficulty getting the system to align, you may need to loosen the headers at the cylinder head, the “crossover tube” (under the forward portion of the engine), and the rear header mount (approximately under the main foot pegs location). Once you’ve loosened these points you will find a greater range of movement to align the exhaust.
- After checking alignment, complete the tightening all hardware – headers, clamps, mufflers, and passenger pegs. Remember to retighten all parts on completion of installation.

### Thrupton (Touring or Sport Versions)

*The Thrupton models were NOT designed for use with a center stand, only a side stand, and come with a replacement frame-mounted kickstand stop. RETUNING AFTER INSTALLATION OF AN AFTERMARKET EXHAUST IS ALWAYS RECOMMENDED.*

- Muffler installation is the same as the Bonneville/T100 with the exception of the kickstand stop installation. These models don't have kickstand stops welded on the muffler, they use a bolt-to-frame stop that is provided with the mufflers and is installed as seen in the following pictures.

### **“Mag Wheel”/Bonneville SE (Touring or Sport Versions)**

*The “Mag Wheel Bonneville” models were NOT designed for use with a center stand, only a side stand, and come with a replacement frame-mounted kickstand stop. RETUNING AFTER INSTALLATION OF AN AFTERMARKET EXHAUST IS ALWAYS RECOMMENDED.*

- On the Mag Wheel your muffler bracket will install to the INSIDE of the passenger bracket. The other Dominator versions mount to the outside of the bracket. Otherwise, installation is almost the same. One additional recommendation is to use the large flat metal washer from the stock muffler rubber insert behind the new muffler bracket and then the nut.

### **INSTALLING KICKSTAND STOP ON THRUXTON AND “MAG WHEEL”**



This is the Thruxton and “Mag Wheel” Bonneville kickstand stop bracket and hardware provided with your exhaust kit. It is shown with the rubber kickstand stop (from your stock muffler) already installed.



This is the frame tab that you will attached the bracket to. It is on the left side “ear” on lower frame under engine. It would be where centerstand would normally bolt.



Install on OUTSIDE of tab as shown. If mounted to the inside it can affect the kickstand alignment and clearance to the mufflers. Remove rubber pad from stock mufflers and install on bracket.



Align stop bracket and kickstand. Complete final tightening. You can affect the kick stand distance from the muffler by rotating the kickstand stop bracket clockwise/counterclockwise.

## **LAST BUT NOT LEAST!**

**When finished with installation, wipe down mufflers with acetone or rubbing alcohol to remove all fingerprints and oily residue.**

## **FAILURE TO DO SO WILL DAMAGE FINISH OF MUFFLERS!**

### **TYPICAL FITMENT ISSUES**

- Modifications 1. Especially on older bikes where you are not the original owner, a previous owner may have modified the bike. Check to make sure your model year and make by confirming the VIN matches what you have been told. We've seen Bonneville modified into Thruxton, Mag Wheel into what looks like Bonneville, important mounting locations like the tab for the kickstand removed or even the rear passenger peg mounting bars removed.
- Modifications 2. Each model of bike has a header specific to that bike. The main difference is the amount of "kick" at the end of the header where the muffler mounts. If your exhaust comes nowhere close to fitting and you've tried all the alignment tweaks, it's time to consider whether something has been changed. Even if you are the original owner we have found a few models that had been modified at dealer. This is more common on "customized" bikes.
- Missed instruction step. If it doesn't fit, try going back over the instructions once more to see if you missed a step.
- Following instructions for wrong model of bike. Make sure you are working with the correct section of instructions to match your model.
- Damaged in shipping or production. While we make every effort to deliver you a perfect part, mistakes can occur. If you have attempted all the previous steps, please contact our sales department via email at [SALES@CONEENG.COM](mailto:SALES@CONEENG.COM)