



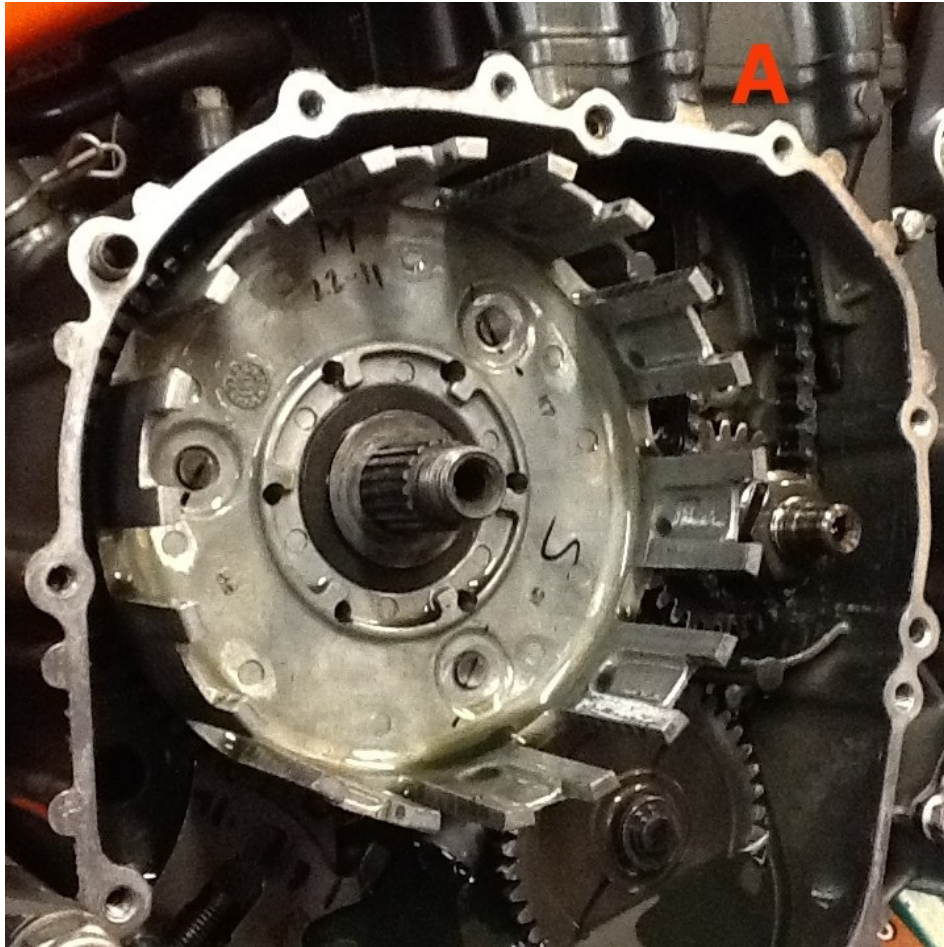
Spears Racing KTM RC390 DUKE /RC 390 Slipper Clutch Installation

Congratulation, you purchased the best clutch systems for your KTM 390cc
The installation must be done by an experience race shop or mechanic.

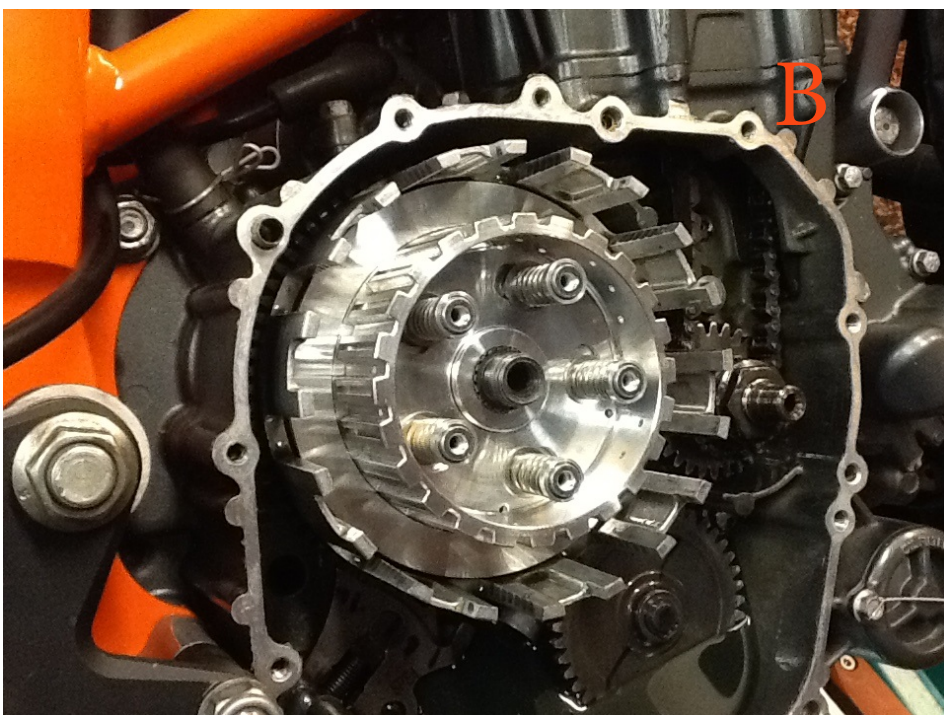
1. Read this instructions before you start. Check if the set includes all parts listed below
2. Remount the old clutch hub (according KTM workshop manual), clean thread on the main shaft and big nut from any old locking agents or debris with brake cleaner.
3. Put shim (STD OEM) between basket and drum, when you remounted it. (Pic. A)
4. Install Spears Racing Slipper drum.(Pic. B)
5. Put KIT washer 16-36-2,5 steel washer. (Pic. C)
6. Fix big nut (STD OEM) (Pic. D) with torque 110 Nm and fix it with Loctite No. 620 or similar product. (Pic. E).
7. This slipper clutch is designed for using STD clutch plates. **NEVER** install first friction plate with thin steel rings (**judder springs**) on first position!(Pic. F). Install another friction plate at first (Pic. G), then steel plate, and after the friction plate with bigger inside diameter and both steel rings . Install all other clutch plates in same position as before (Pic. H).
8. Reinstall STD pull rod and install it into kit pressure plate (Pic. I). Models 2016 and newer install spacer to push rod according to pic. ia from kit.
9. Install pressure plate (Pic. J).
10. Put STD clutch springs in position as before, put spring Kit-buckels, fix all with M5 bolts with torque 8 Nm (Pic.k). For model 2016 and newer use clutch springs from model 2015.
Check correct clearance between pressure plate and clutch hub in bore in pressure plate. Correct clearance is ca. 1.0-1.2 mm. Minimal clearance is 0.5mm, in case it is smaller, change all friction plates .
11. Every time use new clutch cover gasket.
12. Mount case cover according to KTM workshop manual.

LIST OF PARTS

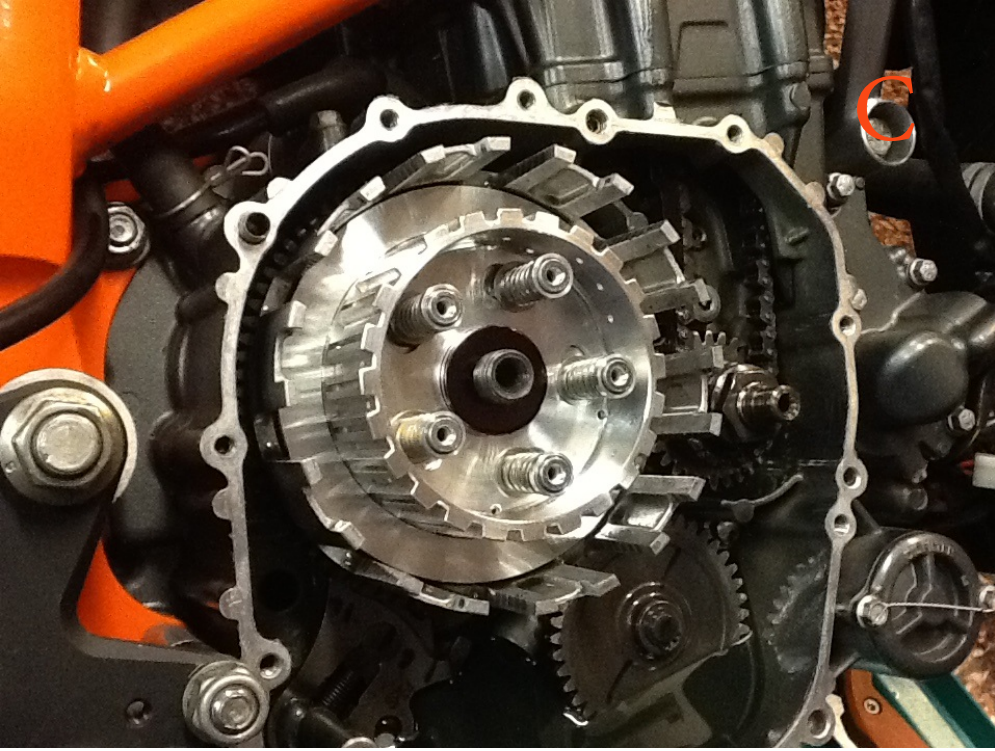
- 1 pc. Spears Racing Slipper Drum
- 1 pc. pressure plate
- 5 pcs. spring Tops set
- 5 pcs. spring Tops set for more preload (more engine back torque)
- 5 pcs. bolt M5
- 1 pc. washer 16-36-2,5
- 5 pc. springs
- 1pc. push rod spacer
- 1 pc. red Loctite



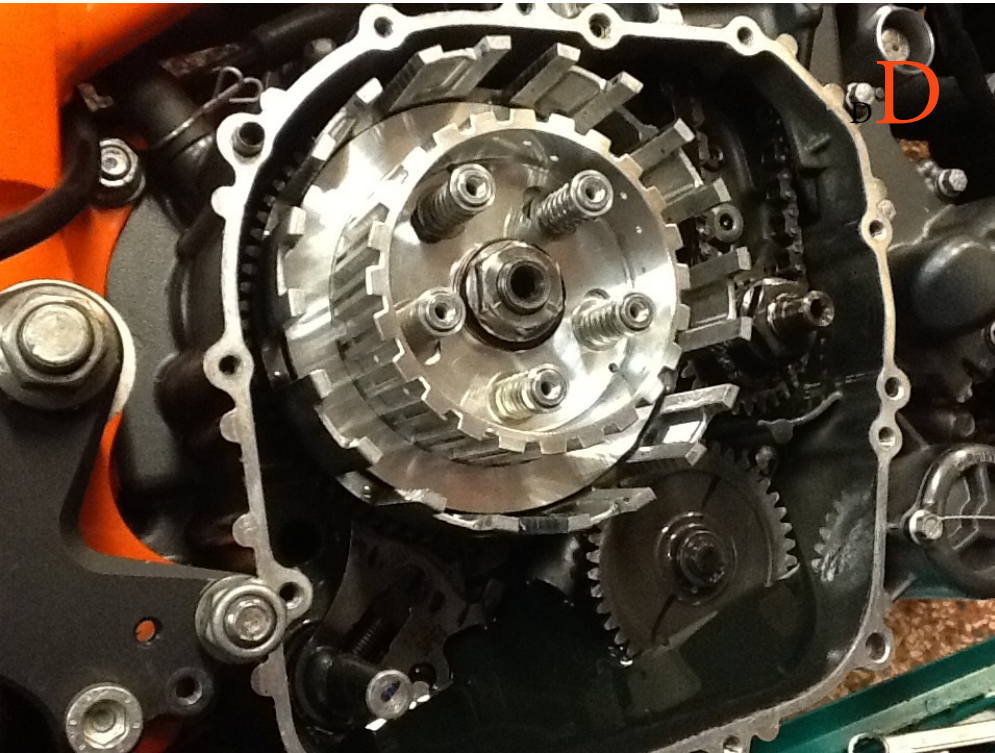
Pic. A



Pic.B



Pic. C



Pic. D



Pic. E

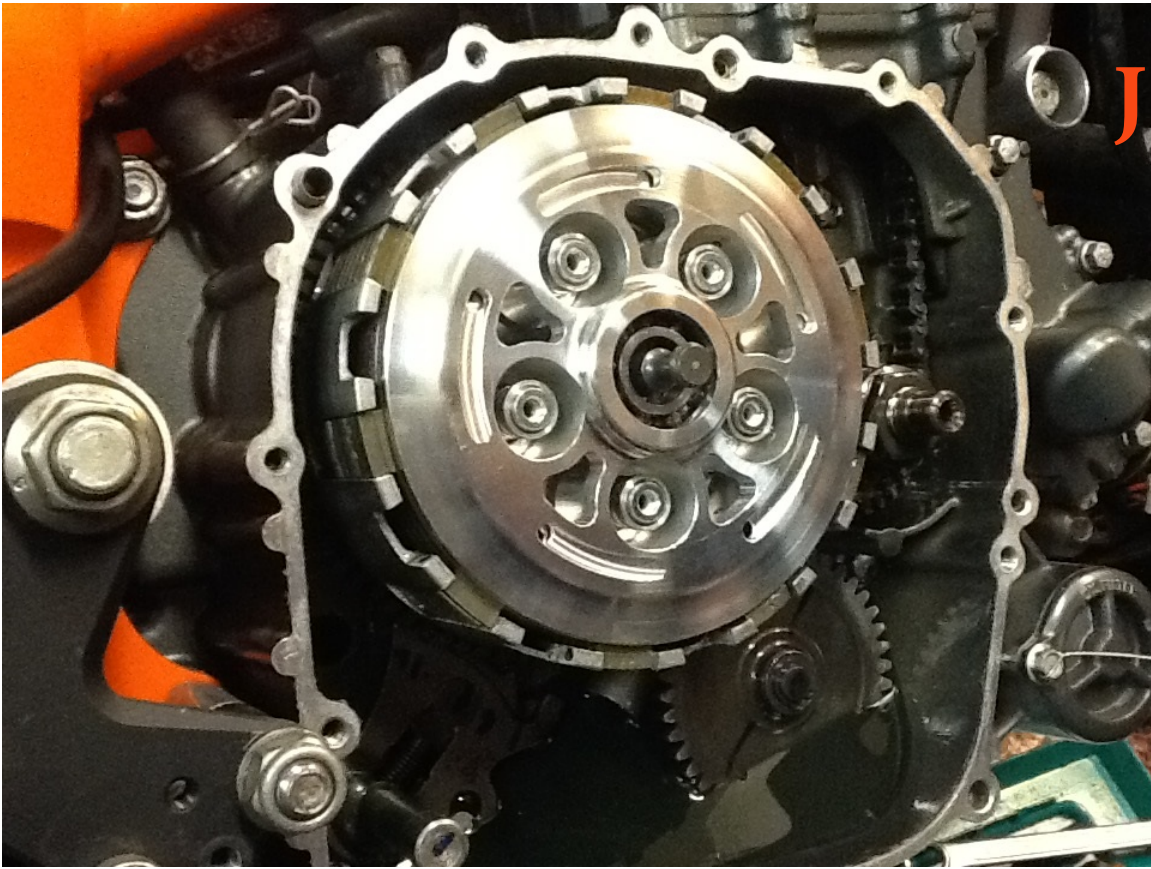


Pic F



Pic.G & H





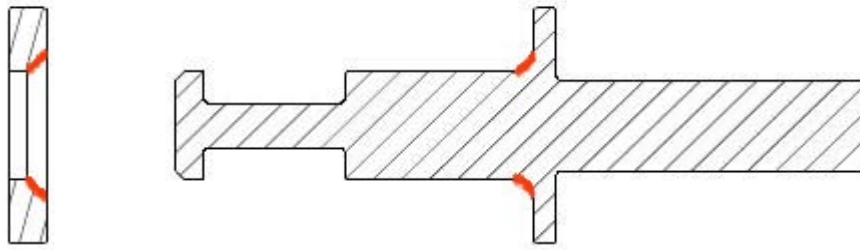
Pic.J



Pic. K



2016 or newer Install of Supplied Washer



Drawing of the supplied washer to put on to the OEM pushrod for a 2016 and newer RC390