



Spears Racing Suzuki SV650 Slipper Clutch Installation

Congratulation, you purchased the best Slipper clutch kit for your Suzuki SV650 This installation must be done by an experienced race shop, or mechanic

1. Read these instructions before you start. Check if the kit includes all parts listed below.
2. Remount the old clutch Hub OEM (according Suzuki workshop manual), clean threads on the main shaft and big nut from any old locking agents or debris with brake cleaner.
3. Put washer(STD) between basket and the Spears Racing Slipper drum, when you remounted it.
4. Install Spears Racing Slipper drum to the gearbox shaft.
5. Put OEM STD steel nut and bend over washer
6. Fix big nut (STD) with torque 127 Nm using the Red Loctite provided.
7. This slipper clutch is designed for using STD OEM clutch plates. Install all clutch plates in same position as before.
8. Install push pin (STD) to push rod.
9. Install pressure plate.
10. Install clutch springs provided using the red spring tops, torque all the M6 bolts to 8 –10 Nm.
11. Check correct clearance between pressure plate and clutch hub in bore in pressure plate. Correct clearance is ca. 1.0 mm*1.5mm. Minimal clearance is 0.8mm, in case it is smaller, change all friction plates
12. Every-time use new clutch cover gasket.

TUNING TIPS

- in case, you have strong tuned up engine, you can use Gray spring tops for more clutch spring preload.
- Understand we recommend using the set up that was sent to you, if you want to have less clutch puss and less dynamic breaking you can use the Stock OEM clutch springs from Suzuki SV650 for a 2003/2019 model
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LIST OF PARTS

- 1 pc. Spears Racing Slipper Drum
- 1 pc. Pressure Plate
- 6 pcs. spring top set basic
- 6pcs. Spring top for more preload
- 6 pcs. bolt M6
- 1 Ea. Red Loctite