



## **Spears Racing Suzuki GSX8R Slipper Clutch Installation**

Congratulation, you purchased best Slipper clutch kit for your Suzuki GSX8R.

This installation must be done by an experienced race shop, or mechanic.

1. Read this instruction with photos before you start. Check if the kit includes all parts listed below
2. Remount the old clutch ( according to Suzuki Factory 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 remount it. (pic.a ).
4. Install Spears Racing slipper drum.(pic.b ).
5. Mount the spring washer ( kit ) at first (pic.c ), then the nut ( OEM ) (pic.d ). Nut torque moment is 120 Nm, fix it with Loctite No. 620 or similar product. ( pic.e)
6. It is necessary to remove these OEM clutch plates ( pic.f ) and replace with frictions and steels provided with your Spears Racing Slipper Clutch.
7. Install clutch plates. In case of new friction plates, do not forget to let them soak in engine oil for 24 hours!
8. Put push rod into gearbox shaft ( pic. h )
9. Mount the pressure plate (pic.i ). Install clutch springs with kit sprint tops (red) and M5x 25mm kit bolts ( torque 8 Nm ) ( pic. j , k ) ) . Check the clearance between pressure plate and clutch hub in pressure plates hole. The correct (Stack Height) clearance is about 1,0 mm, minimal clearance is 0.6 mm. In case it is smaller, install all friction plates new.
10. Adjust free-play on push rod ( pic.L ). Correct clearance is 1mm
11. Install clutch cover according Suzuki Factory manual, adjust clutch cable .
12. LIST OF PARTS
  - 1 pc. Spears Racing Slipper Drum
  - 1 pc. pressure plate
  - 1 pc. spring washer
  - 6 pcs. spring Tops set
  - 5 pcs. spring Tops set for more preload ( more engine backtorque )
  - 6 pcs. M5x25mm
  - 2 pcs Steel Plates (To replaced steels that need to be removed)
  - 3 pcs. Friction Plates(To replace frictions that need to be removed)

Spears Enterprises/Spears Racing  
15253 S Inheritance Way  
Manteca Ca 95336  
(209)923-4684  
Email: [Spearsracing1@gmail.com](mailto:Spearsracing1@gmail.com)