

15021 Antihopping slipper clutch set SV 650 racing– mounting instructions

Congratulation, you bought the best clutch systems for your SV650. This clutch is developed for highly tuned engines SV650 for Racing purpose.

Always is necessary to do this operation an experienced Suzuki workshop, or mechanic.

1. Read this instructions with photos before you start. Check if the set includes all parts.
2. Remount the old clutch hub (according Suzuki workshop manual), clean thread on the main shaft and big nut from old glue with brake cleaner.
3. Remount clutch basket with primary gear according to Suzuki workshop manual.
4. Undrill rivets, they fix basket with primary gear together. Remount this parts and make notices about positioning individual parts.
5. Begin with assembly clutch basket unit (pic.a). Put central spring washers (pic. b,c), and settle primary gear (pic.d). Put damper springs to their pockets in position as standard (pic.e). Put rear pressure disc (pic. f). Fix the clutch basket with primary gear with kit bolts (pic. g,h,). Recommended torque is 25-27 Nm. It is necessary to safe this bolts with glue. Recommended glue is glue for fixing bearings into holes. Safe the bolts from front side mechanically according to picture ha. Put positioning pin (pic.i). Press gear wheel (pic. j,k) and safe it with circlip (pic.l). Put spacer (pic. m). So you have clutch basket with primary wheel ready to mount (pic. n)
6. This unit install into engine (pic.o), put washer on gear shaft (pic.p). Install premounted clutch hub (obr.q), put safety washer (pic.r). Fix the main nut with torque 127Nm (pic. s,t), and safe the nut with safety washer. Install push rod (pic.u).
7. This clutch is designed for using OEM clutch plates from model 2003 and younger. To allow using higher engine torque is the clutch designed for one pair (friction + steel) clutch plates more as STD. Always use new clutch plates . In case , your clutch contains spring steel rings inside one friction plate – DON'T install them.
8. Install pressure plate (pic. v). This clutch is designed for stronger springs from CBR600RR 2007+ to allow more engine backtorque. Install springs with help of spring retainers and M5 bolts (pic. w,x,), recommended torque is 0.8Nm. Check the clearance hub / pressure plate in check hole in pressure plate. Correct clearance is about 1mm. In case 0.5mm clearance change all friction plates.
9. There is reduced space to engine cover by model 2002 and older. This critical place is showed on pi.y . This part of engine cover is necessary to dremmel 1mm according to pictures z and za.
10. Always use new engine gasket

PARTS LIST

- 1pc. clutch basket
- 3pcs. bolt M8
- 1set premounted clutch hub
- 1pc. pressure plate
- 6pcs. spring retainer
- 6pcs. spring retainer plus preload
- 6pcs. bolt M5

11. Put shim (STD) between basket and drum, when you remounted it.
12. Install premounted slipper drum.
13. Put STD steel washer ..
14. Fix big nut (STD) with torque 127 Nm and fix it with glue Loctite No. 620.
15. This slipper clutch is designed for using STD clutch plates. Instal all STD clutch plates in same position as before (mark plates by remounting).
16. Install push pin (STD) to push rod.
17. Install pressure plate.
18. Put STD clutch springs in position as before, put spring kit-buckels , fix all with M6 bolts with torque 8 – 10 Nm.
Check correct clearance between pressure plate and clutch hub in bore in pressure plate. Correct clearance is ca. 1.0 mm. Minimal clearance is 0.5mm, in case it is smaller, change all friction plates
19. Everytime use new clutch cover gasket.
20. Mount case cover according to Honda workshop manual.

TUNING TIPS

- in case, you have strong tuned up engine, you can use KIT spring buckels 14210 or 14211 for more clutch spring preload,
- also if you prefer more engine back torque, use KIT spring buckels 14210 or 14211

LIST OF PARTS

- 1 pc. clutch drum premounted
- 1 pc. pressure plate
- 6 pcs. spring buckels
- 6 pcs. bolt M6