

# SV 650 RR RACE CLUTCH PLUS BASKET WITH SPRINGS

15011 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.

This clutch should be installed by an experienced Suzuki workshop, or mechanic.

1. Read these instructions and photos before you start. Check if the set includes all parts.
2. Remove the old clutch hub ( according Suzuki workshop manual ), clean the threads on the main shaft and big nut of old glue with brake cleaner.
3. Remove the clutch basket with primary gear according to Suzuki workshop manual.
4. Drill out the rivets, they hold the basket with primary gear together. Remove these parts and make notes about the positioning of the individual parts.
5. Begin with the clutch basket unit ( pic.a ). Put central spring washers ( pic. b,c ), and the primary gear ( pic.d ). Install damper springs to their pockets in the original position ( pic.e ). Put rear pressure disc ( pic. f ). Attach the clutch basket and primary gear with kit bolts ( pic. g,h, ). Recommended torque is 25-27 Nm. It is necessary to lock this bolts with glue. The recommended glue is for locking bearings into holes (Strongest one). Lock the bolts from front side mechanically according to picture ha. Install positioning pin ( pic.i ). Press gear wheel ( pic. j,k ) and secure it with circlip ( pic.l ). Put spacer ( pic. m ). You now have the clutch basket with primary wheel ready to mount ( pic. n )
6. Install the basket into engine ( pic.o ), put washer on gear shaft ( pic.p ). Install pre assembled clutch hub ( obr.q ), put safety washer ( pic.r ). Tighten the main nut with torque 127Nm ( pic. s,t ), and lock the nut with safety washer. Install push rod ) pic.u ).
7. This clutch is designed for using OEM clutch plates from model 2003 and newer. To allow using higher engine torque is the clutch designed for one pair ( friction + steel ) clutch plates more than stock. Always use new clutch plates . In case , your clutch contains spring steel rings (Judder springs) inside one friction plate – DON'T install them.
8. Install pressure plate ( pic. v ). This clutch is designed for the stronger springs from CBR600RR 2007+ to allow more engine back torque. Install springs with the 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. NOTE – If you are using an aftermarket clutch cover, make sure it has clearance. Cometec can supply thicker gaskets if you need a spacer.
10. Always use new clutch cover 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