

R6 98-05 SLIPPER CLUTCH

13103 Antihopping clutch kit R6 - mounting instructions

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

1. Read the instructions with photos before you start. Check that the kit includes all parts.
2. Remove the old clutch (according Yamaha workshop manual), clean the threads on the input shaft of old glue perfectly. Use brake cleaner.
3. Make sure the steel balls are in their pockets. Use two clutch springs and upper retainers to pre-mount both parts of clutch drum together. Position of both drums's parts together is marked.
4. Install the clutch hub to gearbox input shaft.
5. The kit includes small parts for mounting. Mount spring washer, spider spring and main nut. Nut torque moment 120 Nm, use glue Loctite No. 620 (Red) to secure
6. Remove the two springs with caps
7. Install clutch plates . This kit is designed for standard clutch plates. However, DON'T mount the first (from crankcase) 2,3mm steel plate!!!!!! Use a fiber plate as the first plate. The other plates mount as normal.
8. Mount the pressure plate with pull-rod. Install clutch springs with kit retainers and M5x30 kit bolts
9. Check the clearance between pressure plate and clutch hub via the pressure plate hole. The correct clearance is about 1,0 mm. When the clearance is smaller, remove one of 2.0mm steel plates and replace it with 2.3mm (from step 7) steel plate. If is it still not enough, change all friction plates to new ones.
10. In case you do not use original spare parts , you can reach correct clearance by using combination of steel plates

Thickness Yamaha catalog No.

1.6mm 168 – 16325 - 00

2.0mm 3J2 – 16324 – 00

2.3mm 168 – 16324 - 00

11. Install clutch cover according Yamaha workshop manual, and go back to track.

LIST OF PARTS

- 1 pc. clutch drum lower side
- 1 pc. clutch drum upper side
- 1 pc. pressure plate
- 6 pcs. steel ball
- 1 pc. Curved washer
- 1 pc. spider spring
- 1 pc. nut
- 6 pcs. spring retainer
- 6 pcs. M5 bolt