

R1 09-14 SLIPPER CLUTCH

18403 Antihopping clutch kit R1 2009 - mounting instructions

This clutch should be installed by an experienced mechanic.

1. Read these instructions with photos before you start. Make sure that the kit includes all parts .
2. Remove the old clutch (according to Yamaha workshop manual), clean the threads on the shaft of old glue perfectly. Clean with brake cleaner.
3. Make sure that the original spacer and thick shim under clutch drum is in it's position (pic.a).
4. Make sure the steel balls are in their pockets. Use one or two clutch springs and upper retainers to hold both parts of the clutch drum together. Position of both drums's parts is to be as delivered.
5. Install the clutch to gearbox shaft (pic.b).
6. The kit includes small parts for mounting. They are packed in position as how to mount them. Mount the shim at first (pic.c), then the spider spring (pic.d) and the nut (pic.e). Nut torque moment 120 Nm, use glue Loctite No. 620 (red) to secure (pic.f)
7. Remove the springs with caps from step 4 (pic. g).
8. Install clutch plates. We suggest mounting a full width friction plate first, followed by a thin friction plate with the judder springs 9if used) then mount all remaining plates to position as usual (pic.h,).
9. Secure nut into gearbox shaft .
10. Mount the pressure plate with pull-rod (pic.k).. Install clutch springs with kit retainers.
11. Check the clearance between pressure plate and clutch hub via the small holes in the pressure plates. The correct clearance is about 1.0 mm, minimal clearance is 0.5mm. When the clutch wears to this dimension, install all new friction plates.
12. In case you use aftermarket friction plates, you can reach correct clearance by using

Suitable combination of following steel plates:

Order No. Thickness

5VY-16325-00 2.0

4B1-16325-00 2.3

13. Install clutch cover according Yamaha workshop manual, adjust clutch cable 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 springs
- 1 pc. nut
- 6 pcs. spring retainer
- 6 pcs. M6 x 25 bolt