

## R1 06 AND FZ1 07- SLIPPER CLUTCH

15903 Antihopping clutch kit R1 2006 - mounting instructions

Congratulations, you bought the best clutch systems for your R1 2006.

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

1. Read these instructions with photos before you start. Check that the kit includes all parts (pic.a).
2. Remove the old clutch (according Yamaha workshop manual), clean the threads on the shaft of old glue perfectly. Clean these parts with brake cleaner.
3. Make sure that the original shim under clutch drum is in its position ( pic.b)
4. Check, that the steel balls are in their pockets. Use two or three clutch springs and upper retainers to pre-mount both parts of clutch drum together. Position of both drums's parts together is marked.
5. Install this unit to gearbox shaft ( pic.c).
6. The kit includes small parts for mounting. They are packed in position as to how to mount them. Mount the shim at first (pic.d), then the spider spring (pic.e) and the nut (pic.f ). Nut torque moment 110 Nm, use glue Loctite No. 620 (RED) to secure.
7. Stake the nut into gearbox shaft ( pic.i).
8. Remove the springs with caps from step 4 (pic h)
9. Install clutch plates. We suggest mounting a full width friction plate first, followed by a thin friction plate with the judder springs (if used) then mount all remaining plates to position as usual (pic.j).
10. Mount the pressure plate with pull-rod. Install clutch springs with kit retainers and tighten the bolts (pic.k).
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

a 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.
14. In case you prefer more engine back torque, use shorter kit spring retainers 14509.

## 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. bombing washer
- 2 pc. spider springs
- 1 pc. nut
- 6 pcs. spring retainers
- 6 pcs. M6 x 25 bolt