

22103C Antihopping clutch kit R1 2015 - mounting instructions

Congratulation, you bought one of the best clutch systems for your R1 2015.

Everytime is necessary, to do this operation an experienced service, or experienced mechanic.

1. Read this instruction with photos before you start. Check if the kit includes all parts .
2. Remount the old clutch (according to Yamaha workshop manual), clean thread on the shaft from old glue perfectly. Clean this parts with brake cleaner.
3. Check, if the STD thick shim under clutch drum is in it's position (pic.a).
4. Check, if the steel balls are in their pockets. Use one or two clutch springs and upper buckels for pre-mount both parts of clutch drum together. Position of both drums's parts let to be in position as delivered.
5. This premounted unit install to gearbox shaft (pic.b).
6. The kit includes all small parts, they are necessary for assembly. They are packed in set in position 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 to safe (pic.f). Safe it also mechanically to shaft (pic. g)
7. Remove the springs with retainers .
8. Install clutch plates and springs. This clutch is designed for STD plates and kit springs. Put clutch plates as on STD clutch (pic. h) – EXCEPT last steel plate under pressure plate (pic. i). This steel plate replace with 2.0mm steel plate from kit . After put last friction plate (pic. k).
9. Remove pull rod from STD pressure plate and put to kit pressure plate. Mount the this pressure plate with pull-rod (pic.l).. Install clutch springs with kit retainers and M5x 25mm kit bolts (torque 8 Nm) .
10. Check the clearance between pressure plate and clutch hub in pressure plates hole. The correct clearance is about 1,0 mm, minimal clearance is 0.6mm. In case it is smaller, install all friction plates new. You can adjust this clearance also with help of 2.3mm steel plate from kit.
11. In case you use aftermarket friction plates, you can reach correct clearance by using Suitable combination of following steel plates:

Order No.	Thickness
21812	2.0
21814	2.3
12. 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. bombing washer
- 1 pc. spider springs
- 1 pc. nut
- 1 pc. steel plate 2.0mm
- 1 pc. steel plate 2.3mm
- 6 pcs. spring retainer basic

- 6 pcs. spring retainer for medium preload
- 6 pcs. spring retainer for high preload
- 6 pcs. M5 x 25 bolt