14503 Antihopping clutch kit R1 2004 - mounting instructions

Congratulation, you bought one of the best clutch systems for your R1 2004.

Everytime is better when this operation do a experienced service, or experienced mechanic.

1. Read this instruction with photos befor you start. Check if the kit includes all parts.
2. Remount the old clutch (according Yamaha workshop manual), clean thread on the shaft from old glue perfectly. Clean this parts with brake cleaner.
3. Check, if the steel balls are in their pockets. Use two or three clutch springs and upper buckels for pre-mount both parts of clutch drum together. Position of both drums´s parts together is marked.
4. This unit install to gearbox shaft.
5. The kit includes small parts for mounting. They are packed in set in position how to mount them. Mount the shim at first, then the spider spring and the nut. Nut torque moment 110 Nm, use glue Loctite No. 620 to safe.
6. Remove the springs with caps
7. Install clutch plates . All plates mount to position as usual.
8. Mount the pressure plate with pull-rod. Install clutch springs with kit buckels and M6x 25mm kit bolts (torque 8 - 10 Nm).
9. Check the clearance between pressure plate and clutch hub in pressure plates hole. The correct clearance is about 1,0 mm, minimal clearance is 0,5
10. mm. In case it is smaller, change all friction plates.
11. 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

12. Install clutch cover according Yamaha workshop manual, adjust clutch cable and go back to track.
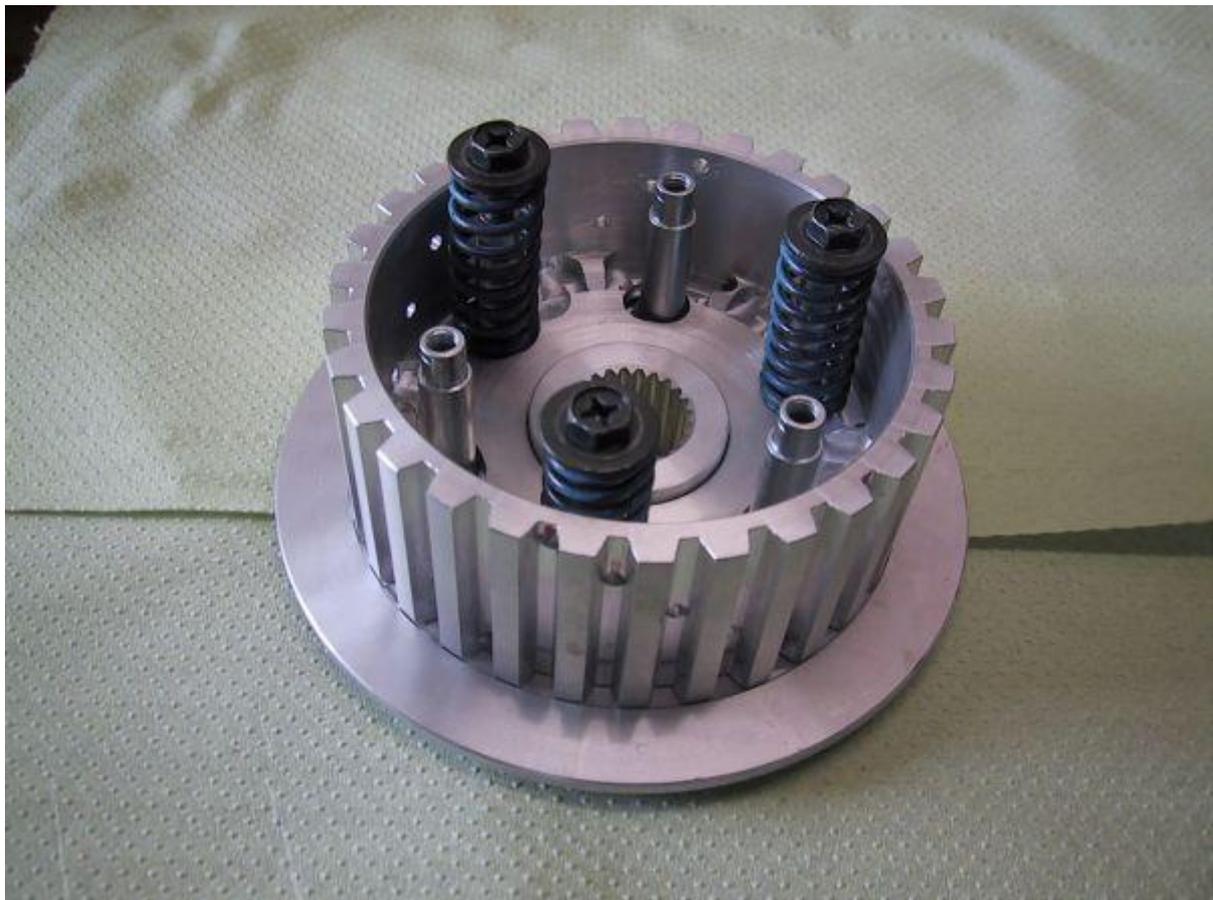13. In case you prefere more engine backtorque, use kit spring buckels 14509.

LIST OF PARTS

1 pc.   clutch drum lower side
1 pc.   clutch drum upper side
1 pc.   presure plate
6 pcs.   steel ball
1 pc.   bombing washer
2 pc.   spider springs
1 pc.   nut
6 pcs.   spring buckel
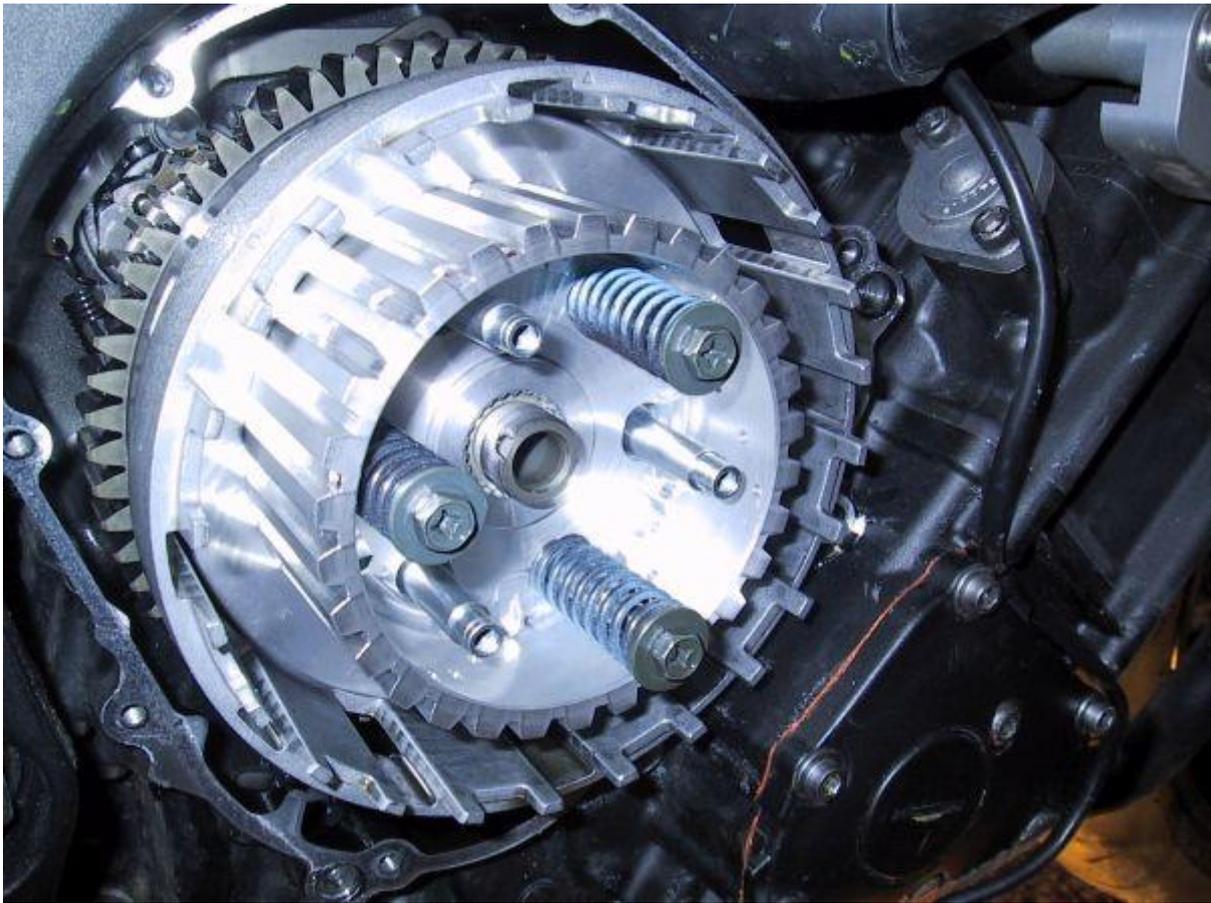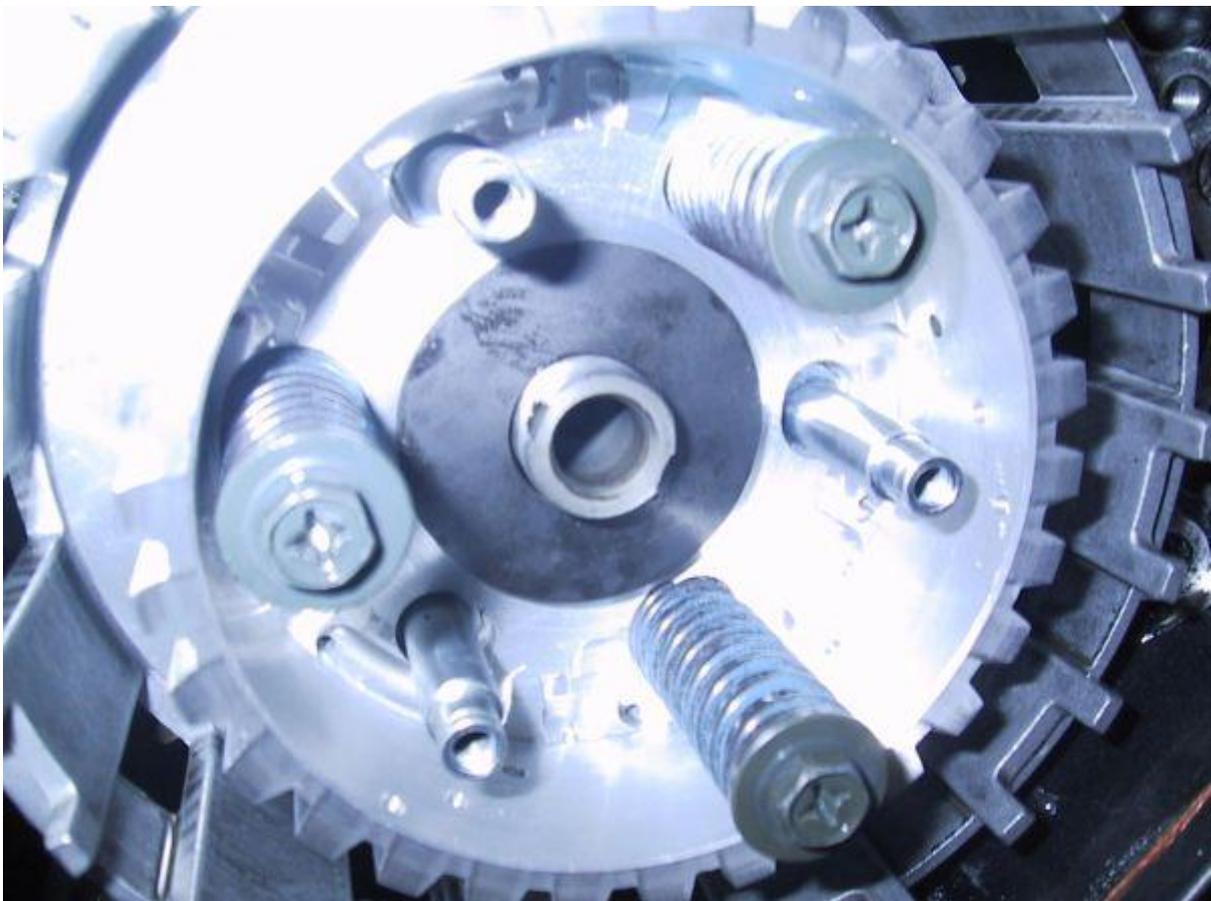6 pcs.   M6 x 25 bolt

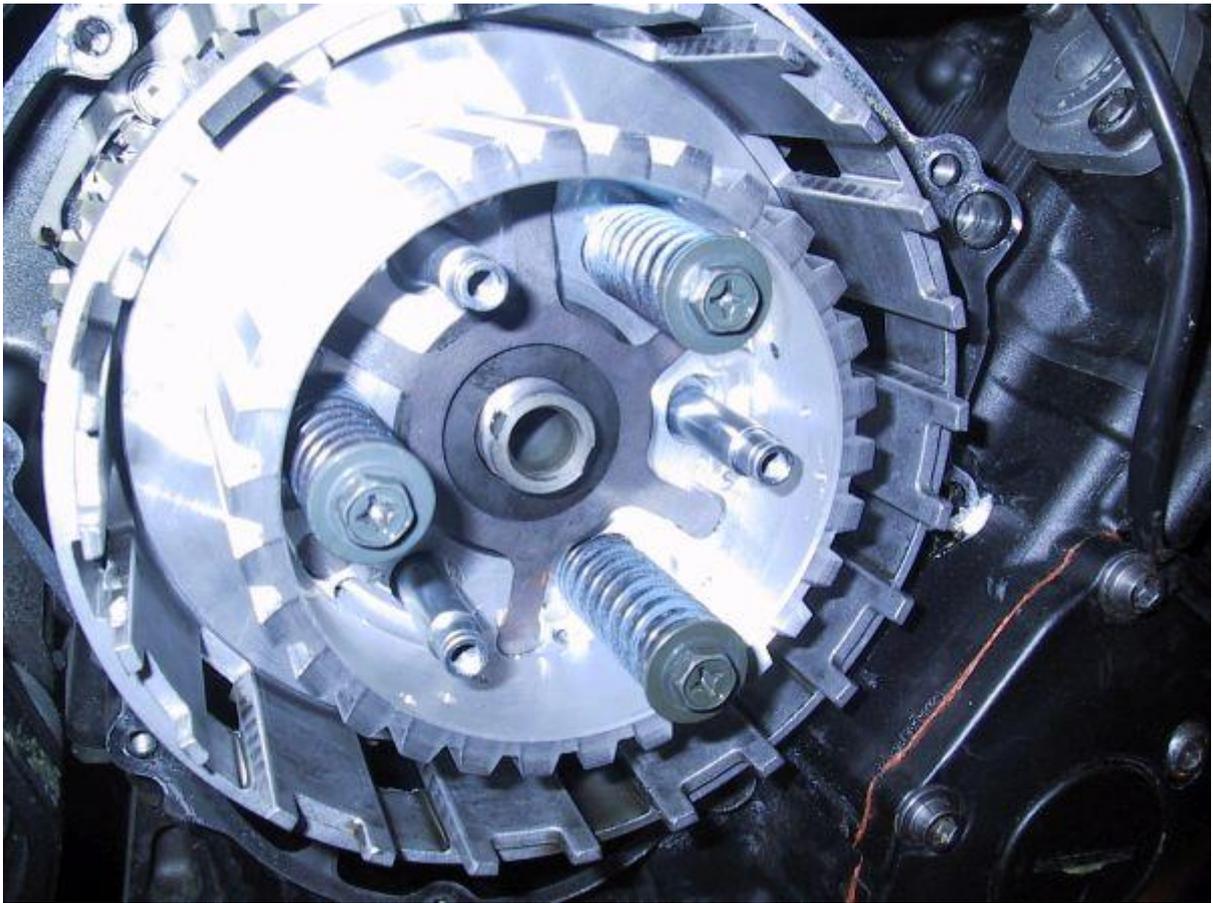14503 Picture A

14503 Picture B (pic.b)

14503 Picture C (pic.c)

14503 Picture D (pic.d)

14503 Picture E (pic.e)

14503 Picture F (pic.f)

14503 Picture G (pic.g)

14503 Picture H (pic.h)

14503 Picture I (pic.i)