

## **13213 Antihopping clutch kit R1 – 2003 - coil springs version - mounting instructions**

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

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 Yamaha workshop manual ), clean thread on the shaft from old glue perfectly. Clean this parts with brake cleaner.
3. Check, if the STD spacer between basket and hub is on it's position.
4. Premounted clutch hub install to gearbox shaft.
5. The kit includes small parts for mounting. Put KIT washer as first . After mount main nut. Nut torque moment 120 Nm ( pic. f.g. ), use glue Loctite No. 620 to safe.
6. Install clutch plates . This clutch is designed for using new OEM plates. NEVER mount friction plate with tschudder rings as first. Put next friction plate as first, after steel plate and after the friction plate with tschudder rings. Next plates put as STD.
7. Put push rod to shaft .
8. Mount the pressure plate . Install KIT clutch springs with kit spring retainers and kit bolts ( torque 8 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 0,6 mm. mm. In case it is smaller, change all friction plates.
10. Everytime use new engine gasket.
11. Install clutch cover according Yamaha workshop manual, adjust clutch cable .

### LIST OF PARTS

- 1 pc. premounted clutch drum
- 1 pc. pressure plate
- 1 pc. bombing washer
- 6 pcs. spring buckel
- 6 pcs. spring buckle for more spring preload
- 6 pcs. M5 x 25 bolt