

## R3 SLIPPER CLUTCH WITH SPRINGS

22703 Antihopping slipper clutch Yamaha R3 – mounting instructions

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

1. Read these instructions with photos before you start. Make sure the set includes all parts
2. Remove the old clutch drum ( according Yamaha workshop manual ), clean the threads on the shaft and big nut of old glue with brake cleaner.
3. Makes sure the shim ( original ) is between basket and drum, when you replace it ( pic a).
4. Install the assembled slipper drum ( b ).
5. Install the KIT steel curved washer ( c ).
6. Tighten the big nut ( from kit ) ( d ) with torque **110** Nm and secure it with glue Loctite No. 620 (red) ( e,f ).
7. Install clutch plates . This clutch is designed for using new OEM plates. NEVER mount friction plate with judder rings as first. Put a normal friction plate as first, then a steel plate and then the narrow friction plate with judder rings. The remaining plates install as original. ( g ).
8. Remove the original pull rod and install it into kit pressure plate ( ) .
9. Install pressure plate ( h ).
10. Put original clutch springs in position as before, put spring kit spring retainers , tighten all with M5 bolts with torque 8 Nm ( i,j ).
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. Everytime use new clutch cover gasket.
12. Mount case cover according to Yamaha workshop manual.

### LIST OF PARTS

- 1 pc. clutch drum premounted
- 1 pc. pressure plate
- 1 pc. big kit washer
- 1 pc. main nut
- 4 pcs. spring retainers
- 4 pcs. spring retainers for more preload
- 4 pcs. bolt M5