

## **20103 Antihopping slipper clutch Honda XR650R – mounting instructions**

Congratulation, you bought one of best clutch systems for your XR650R.

It is necessary to do this operation at an experienced Honda workshop, or mechanic.

1. Read this instructions with photos before you start. Check if the set includes all parts.
2. Remount the old clutch drum ( according Honda workshop manual ), clean thread on the shaft and big nut from old glue with brake cleaner.
3. Put shim ( STD ) between basket and drum, when you remounted it.
4. Install premounted slipper drum.
5. Put STD steel washer as STD.
6. Fix big nut ( STD ) with torque 127 Nm and fix it with glue Loctite No. 620.
7. This slipper clutch is designed for using STD clutch plates. STD clutch plates pack has about 31.1mm. In case you use different clutch plates as OEM check this thickness. In the STD clutch plates set are thin steel rings ( judder rings ) together with friction plate with larger inside diameter on first position. NEVER mount them as first ( from case). Mount another friction plate as first, then first steel plate and then the thinner plate with steel judder rings. Another plates mount as STD.
8. Install pressure plate.
9. Put STD clutch springs in position as before, put spring kit-buckels , fix all with M5 bolts with torque 8 Nm.  
Check correct clearance between pressure plate and clutch hub in bore in pressure plate. Correct clearance is about 1.2 mm minimal clearance is 0.5mm. In this case change all friction plates to new ones.
10. Everytime use new clutch cover gasket.
11. Adjust clearance on clutch cable
12. Mount case cover according to Honda workshop manual.

### **TUNING TIPS**

-in case you have strongly tuned up engine, and clutch spins by acceleration, use KIT spring retainers for more spring preload .

-in case you prefer more engine braking, use kit spring retainers for more spring preload

### **LIST OF PARTS**

- 1 pc. clutch drum premounted
- 1 pc. pressure plate
- 5 pcs. spring retainer
- 5 pcs. spring retainer for more preload
- 5 pcs. bolt M5