

# CRF150R SLIPPER CLUTCH

21703 Antihopping slipper clutch Honda Moto 4 / CRF 150 – mounting instructions

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

This clutch should be installed by an experienced team or workshop.

1. Read this instructions with photos before you start. Check if the set includes all parts.
2. Remove 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 replace it ( pic.a ).
4. Install pre mounted slipper drum ( pic.b ).
5. Put kit steel washer ( pic.c ).
6. Tighten the main nut with torque 40 Nm and secure it with glue Loctite No. 620 (RED) ( pic. d,e ).
7. Install the push pin with axial bearing and steel washer as STD ( pic. g )
8. This slipper clutch is designed for using STD clutch plates. Install them as STD ( pic.f ).
9. Install pressure plate ( pic.h ).
  
10. Install STD clutch springs, put spring kit-retainers, tighten all with M5 bolts ( pic. i,j ).
11. Check the correct clearance between pressure plate and clutch hub via the holes in the pressure plate. Correct clearance is about 1.0 mm. Minimal clearance is 0,5mm. When the friction plates wear this much replace all friction plates with new ones.
  
12. Every time use new clutch cover gasket.
13. Mount case cover according to Honda workshop manual.
14. Check clearance on clutch cable.

## TUNING TIPS

- In case you have strong tuned up engine, the clutch can slip by acceleration. Use lower (shorter) spring retainers to stop it
- in case you prefer more breaking engine, use again lower spring retainers

## ENGINE STARTING PROCEDURE

- put 2nd gear
- move the bike/rear wheel back until the engine is „before compression“
- push clutch level
- move the bike back/rear wheel back again to release stuck clutch plates
- ready for push start or external engine start
- more rear wheel speed doesn't mean better start, about 2000 RPM is optimal

## LIST OF PARTS

- 1 pc. clutch drum pre mounted
- 1 pc. pressure plate
- 4 pcs. spring retainers
- 4 pcs. spring retainers low
- 4 pcs. bolt M5
- 1 pc main nut
- 1 pc. big washer