

## 21903 Antihopping slipper clutch Honda Moto 4 / CRF 150 – mounting instructions

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

It is necessary to do this operation in an experienced team or workshop.

1. Read these 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 ( pic.a ).
4. Install premounted slipper drum ( pic.b ).
5. Put kit steel washer ( pic.c ).
6. Fix main nut with torque 40 Nm and fix it with glue Loctite No. 620 ( pic. d,e ).
7. Put in 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. Put STD clutch springs , put spring kit-buckels , fix all with M5 bolts with torque Nm ( pic. i,j ).  
Check correct clearance between pressure plate and clutch hub in bore in pressure plate. Correct clearance is about 1.0 mm. Minimal clearance is 0,5mm. In this case change all friction plates to new ones.
11. Everytime use new clutch cover gasket.
12. Mount case cover according to Honda workshop manual.
13. Check clearance on clutch cable.

### TUNING TIPS

- in case you have strong tuned up engine, the clutch can slip by acceleration. Use lower spring retainers to solve it
- in case you prefer more braking engine, use again lower spring buckels

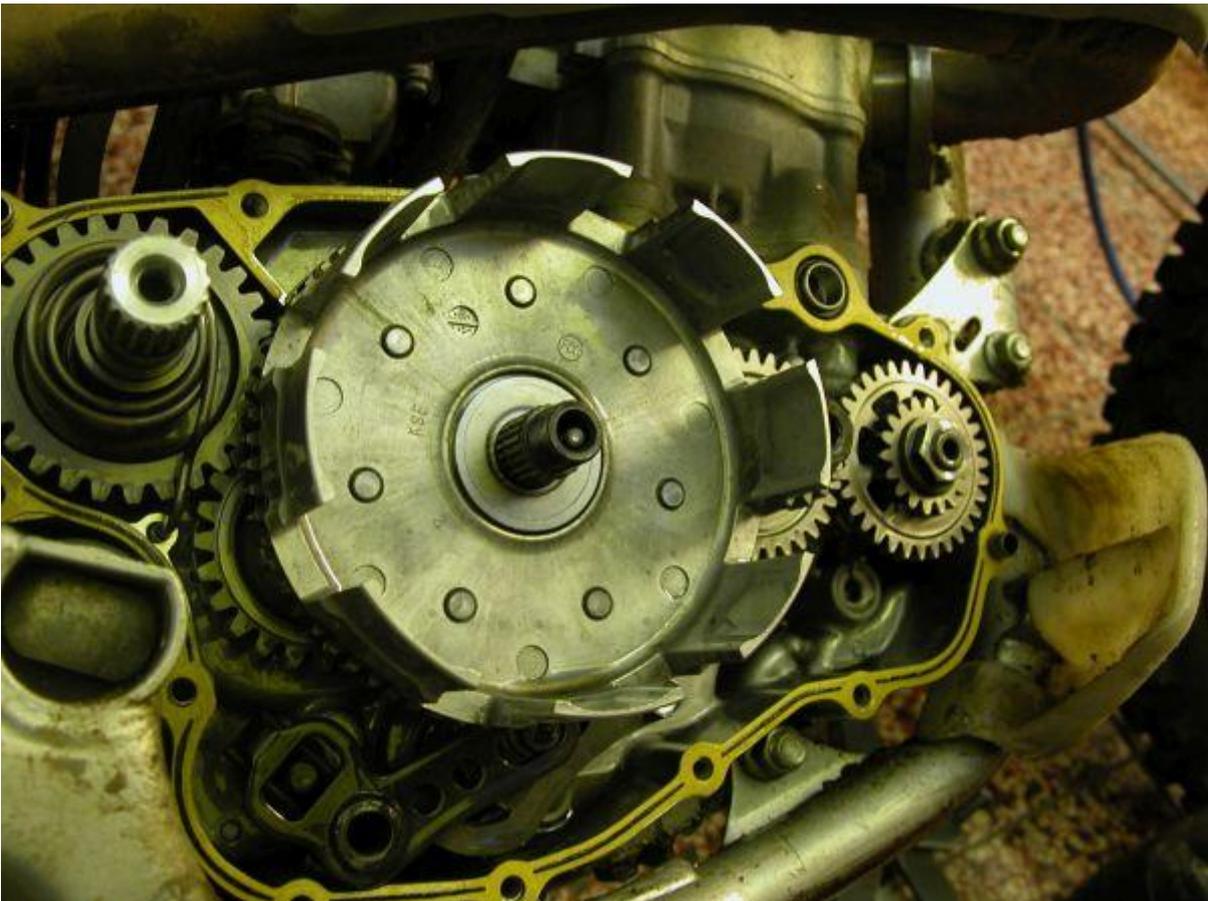
### ENGINE STARTING PROCEDURE

- 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 stucked clutch plates
- ready for push start or external engine start
- more rear wheel speed doesn't mean better start, until 2000 RPM it is optimal

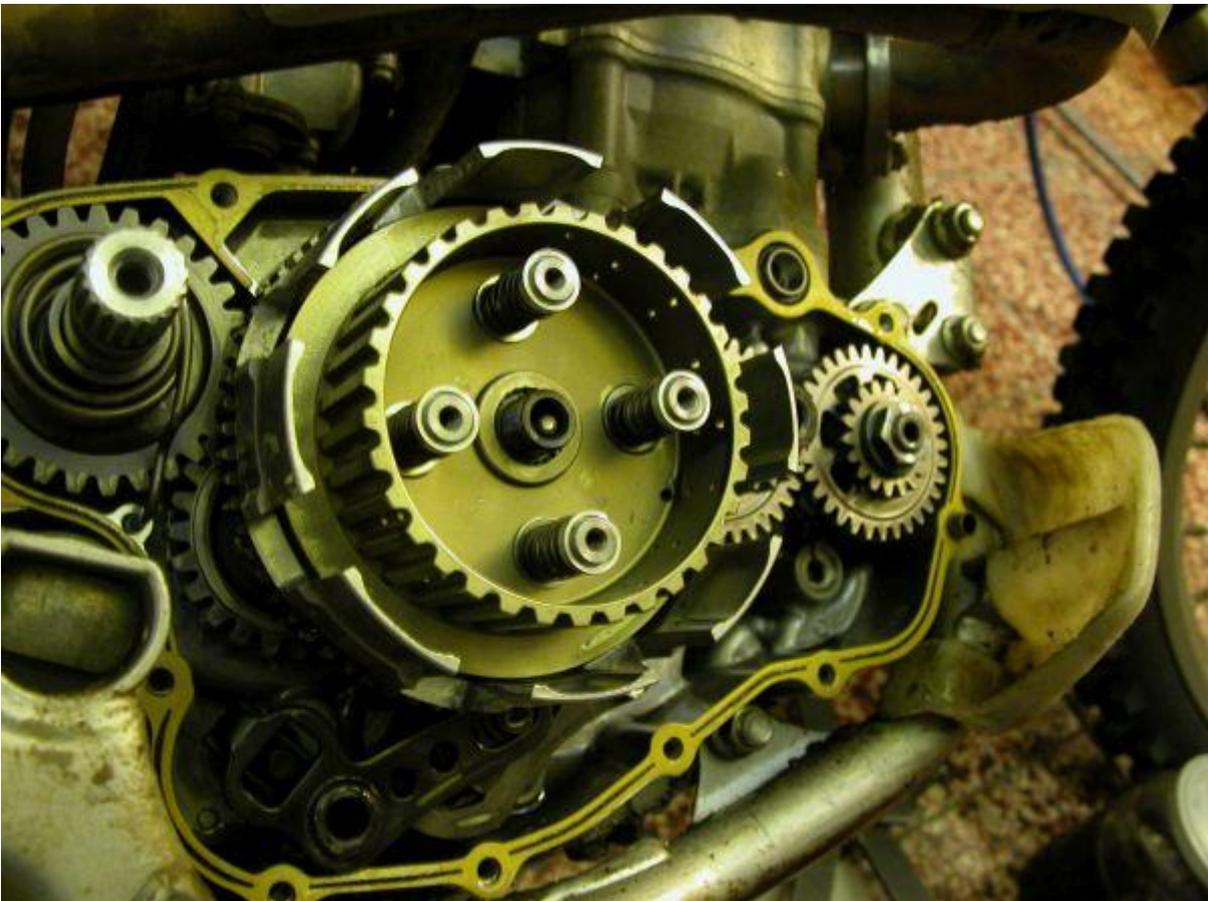
### LIST OF PARTS

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

21903 Picture A



21903 Picture B (pic.b)



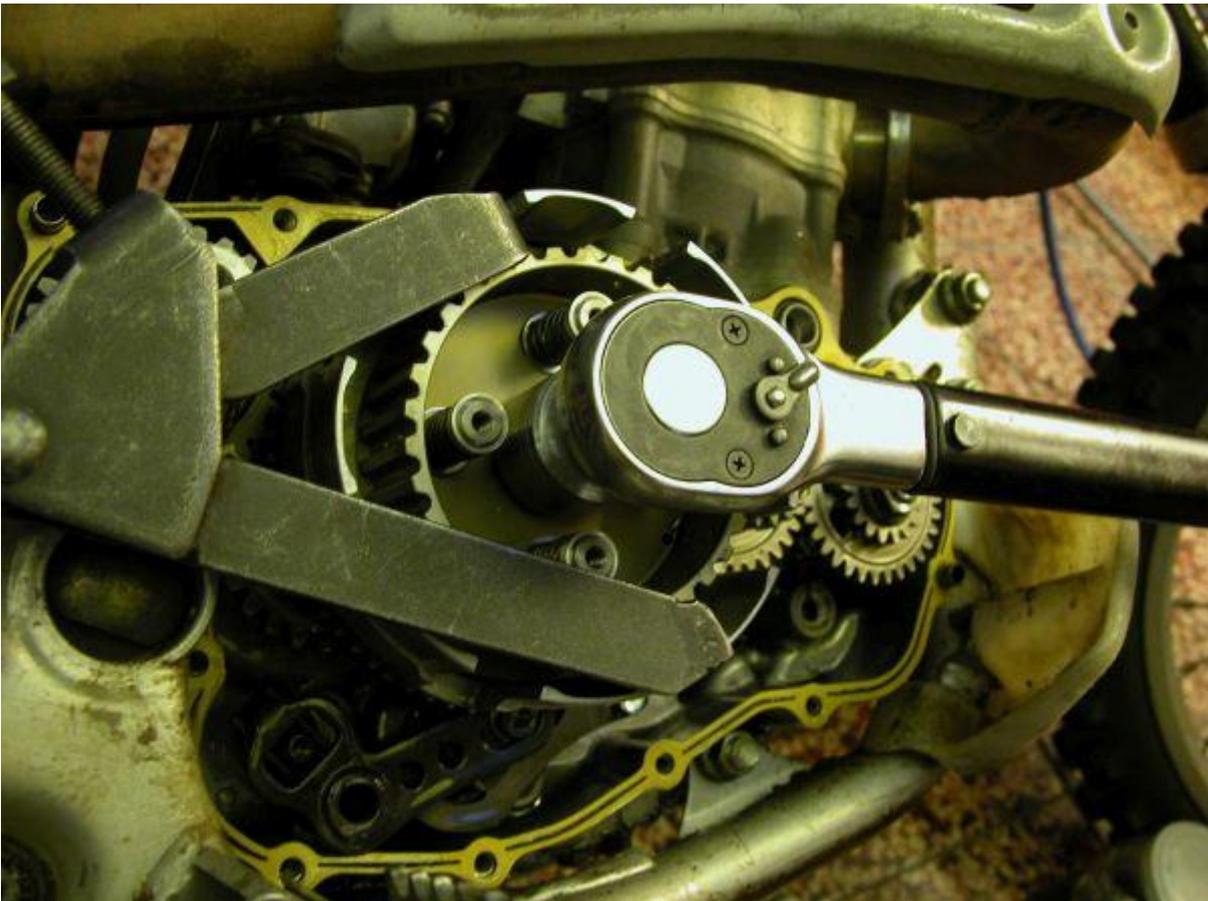
21903 Picture C (pic.c)



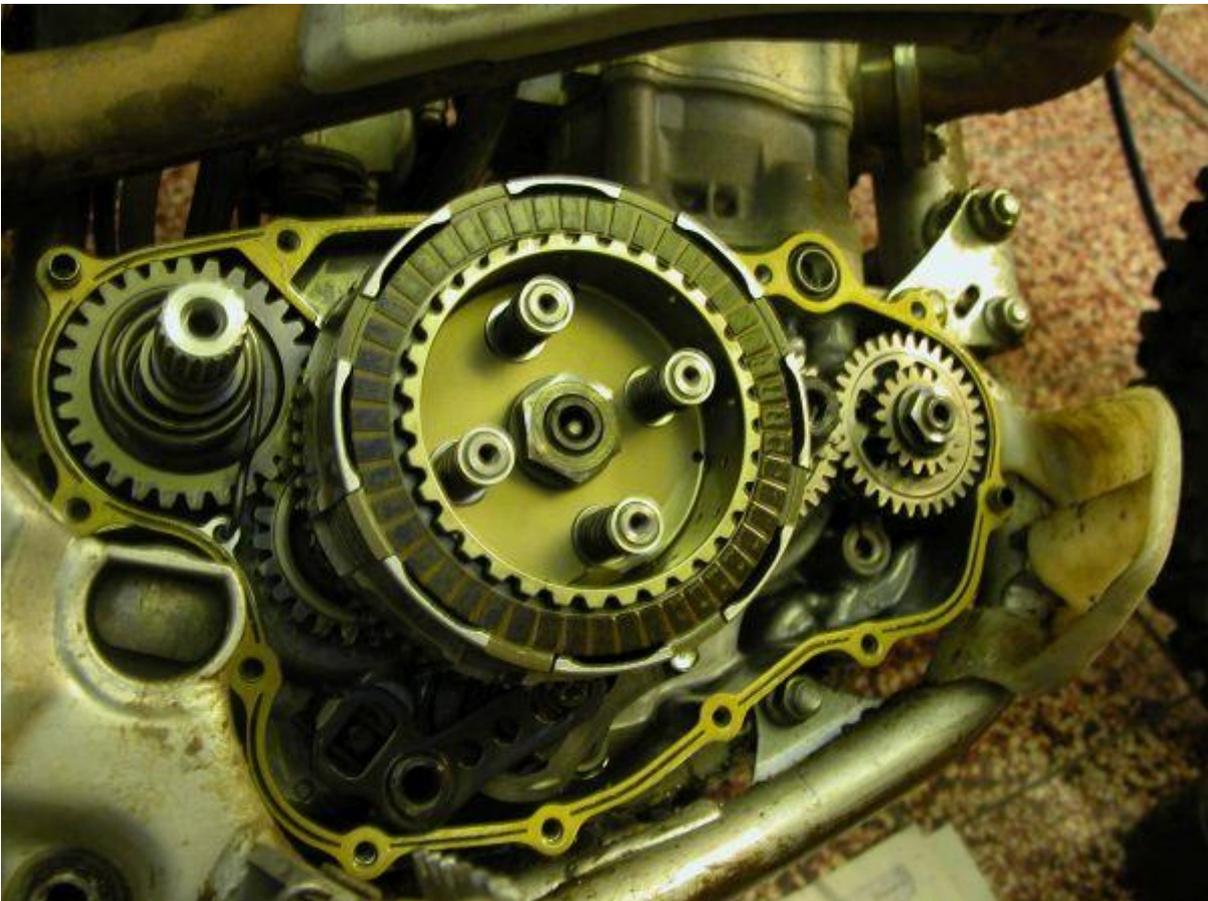
21903 Picture D (pic.d)



21903 Picture E (pic.e)



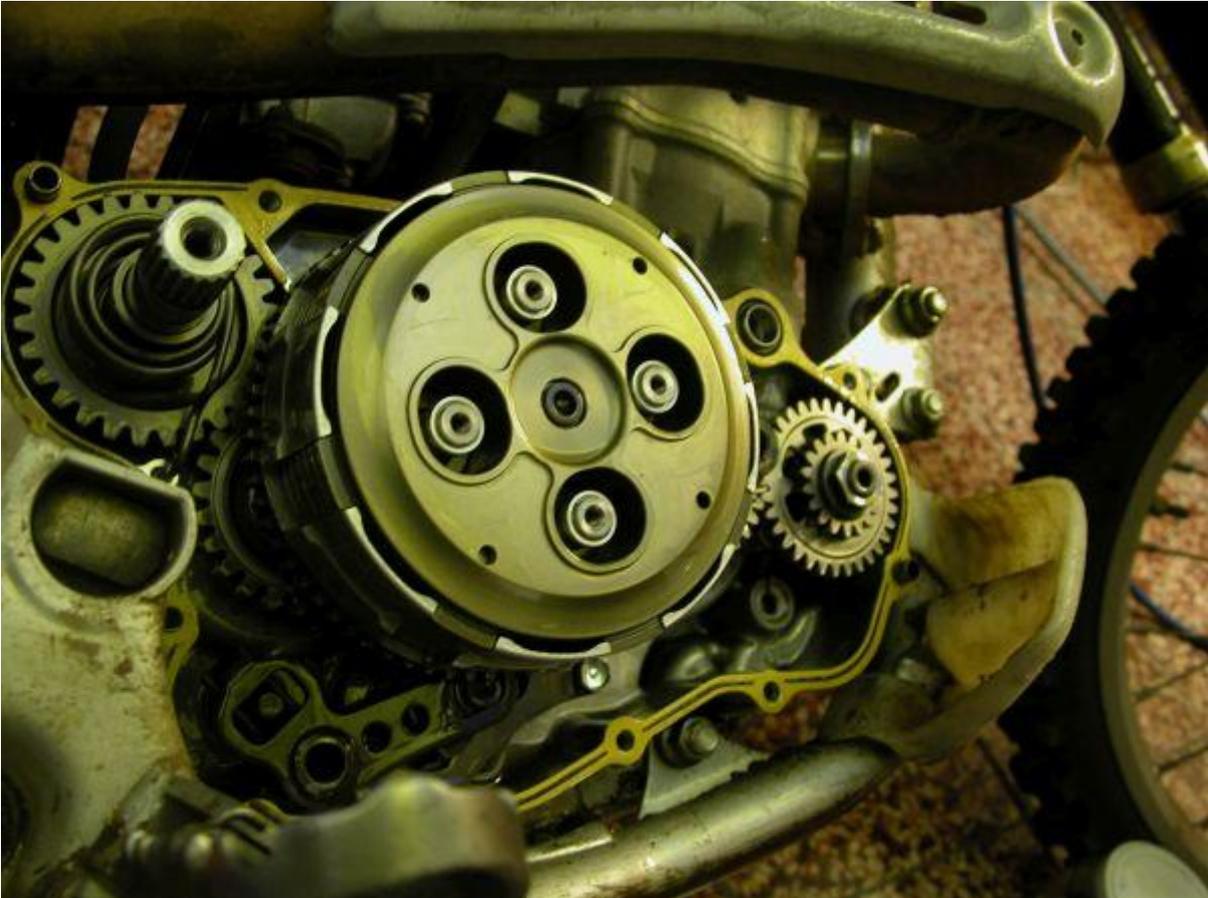
21903 Picture F (pic.f)



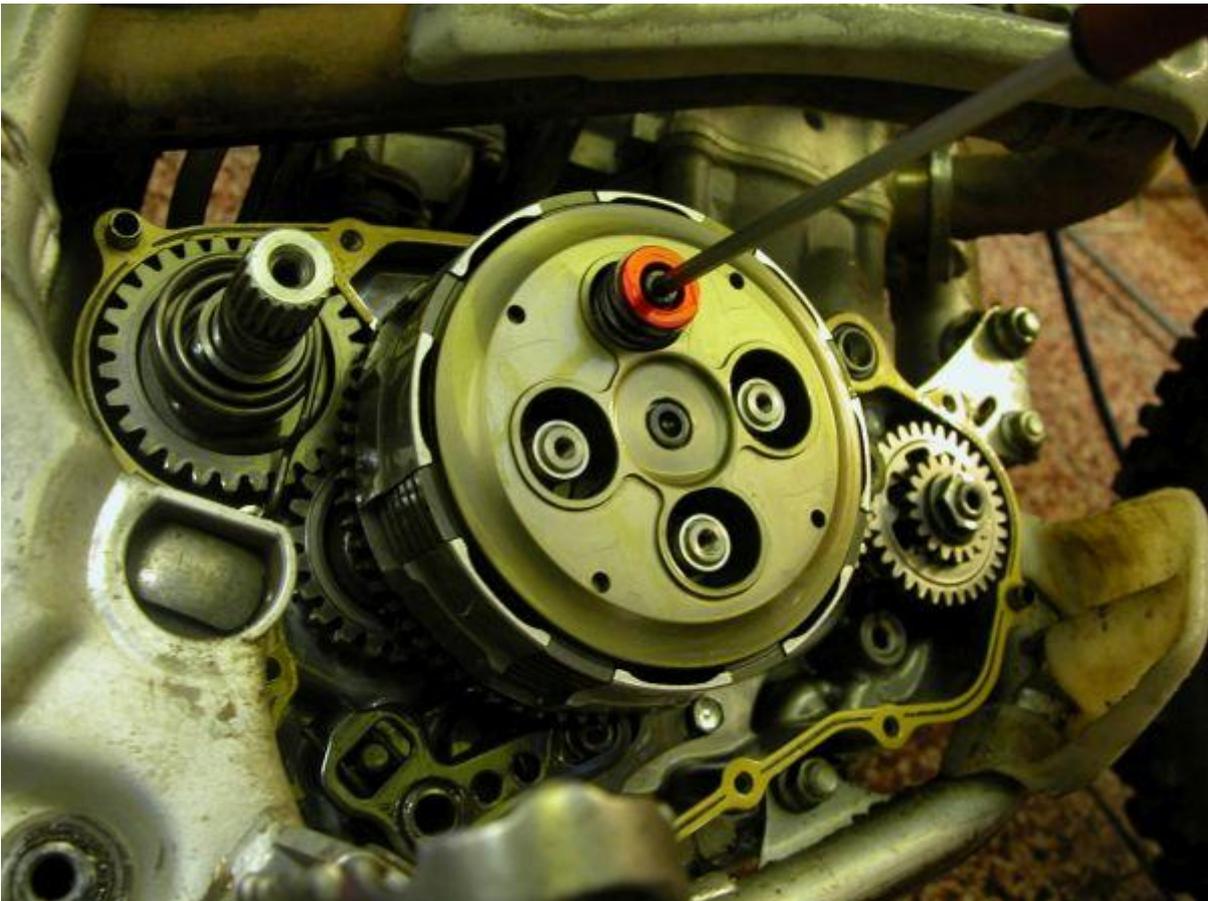
21903 Picture G (pic.g)



21903 Picture H (pic.h)



21903 Picture I (pic.i)



21903 Picture J (pic.j)

