

17103 Antihopping slipper clutch KTM – mounting instructions

Congratulation, you bought one of best clutch systems for your KTM 990.

CAUTION : THIS CLUTCH UNIT IS DESIGNET TO USE GSXR1000 K5-K7 CLUTCH SPRINGS.

Everytime is better when this operation do an experienced KTM 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 KTM 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)
3. Install premounted slipper drum (b).
4. Put kit washer (c).
5. Fix big nut (STD) (d) with torque 130 Nm and fix it with glue Loctite No. 620 (e).
6. This slipper clutch is designed for using STD clutch plates. There is necessary to instal the plates in different order. NEVER instal friction plate with bigger inside diameter with steel rings as first. As first instal any other friction plate (f) , then steel plate (g), and after the friction plate with bigger inside diameter with seel rings – straght , then spring one (h, i) . Other plates mount as STD (j).
7. Install pressure plate as STD (k).
8. Put new clutch springs (from GSXR 1000 K5 – K7 – pic.1), put spring kit-buckels , fix all with M6 bolts with torque 10 Nm (m,n).
Check correct clearance between pressure plate and clutch hub in bore in pressure plate. Correct clearance is ca. 1.5 mm. Minimal clearance is 0.5mm, in case it is smaller, change all friction plates
Remove aluminium spacer from clutch cover (o,p)
9. Everytime use new clutch cover gasket.
10. Mount case cover according to KTM workshop manual.

TUNING TIPS

- in case, you prefer more engine back torque, use spring buckels 14210 or 14211 for more preload clutch springs
- in case, you prefer less backtorque, remove 2 – 4 return secondary springs

LIST OF PARTS

- 1 pc. clutch drum premounted
- 1 pc. pressure plate
- 6 pcs. spring buckels
- 6 pcs. bolt M6
- 1 pc. Washer

17103 Picture B (pic.b)



17103 Picture C (pic.c)



17103 Picture D (pic.d)



17103 Picture E (pic.e)



17103 Picture F (pic.f)



17103 Picture G (pic.g)



17103 Picture H (pic.h)



17103 Picture I (pic.i)



17103 Picture J (pic.j)



17103 Picture K (pic.k)



17103 Picture L (pic.l)



17103 Picture M (pic.m)



17103 Picture N (pic.n)



17103 Picture O (pic.o)



17103 Picture P (pic.p)

