

KTM 990 SLIPPER CLUTCH

17103 Antihopping slipper clutch KTM – mounting instructions

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

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

This clutch should be installed by a KTM workshop, or mechanic.

1. Read these instructions with photos before you start. Check if the set includes all parts.
2. Remove the old clutch drum (according KTM workshop manual), clean the threads on the shaft and big nut from of glue with brake cleaner.
3. Put shim (original) between basket and drum, when you replace it it (pic.a)
3. Install premounted slipper drum (b).
4. Put kit washer (c).
5. Tighten the big nut (original) (d) with torque 130 Nm and secure it with glue Loctite No. 620 (RED) (e).
6. This slipper clutch is designed for using STD clutch plates. It is necessary to install the plates in a different order. NEVER install the friction plate with bigger inside diameter and steel rings as first. First install a normal friction plate (f) , then a steel plate (g) , and then the friction plate with bigger inside diameter with steel rings – straight , then a steel one (h , i) . The remaining plates mount as normal (j).
7. Install pressure plate (k).
8. Put new clutch springs (from GSXR 1000 K5 – K7 – pic.l), install spring kit-retainers , tighten all bolts

Check for the correct clearance between the pressure plate and clutch hub via the small holes in the pressure plate. Correct clearance is about. 1.5 mm. Minimal clearance is 0.5mm, when clutch plate wear causes it to be smaller, change all friction plates

Remove aluminum spacer from clutch cover (o,p)

9. Every time 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 retainers 14210 or 14211 for more preload on the clutch springs
- in case, you prefer less backtorque, remove 2 – 4 small return secondary springs

LIST OF PARTS

- 1 pc. clutch drum premounted
- 1 pc. pressure plate
- 6 pcs. spring retainers
- 6 pcs. bolt M6
- 1 pc. washer