

These are some notes I put together when I replaced the bellhousing on my K75RT.

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**Clutch removal**

- Mark orientation of Housing Cover, Pressure Plate, Housing
- Loosen clutch bolts crisscrossed - one turn at a time to loosen spring pressure
- Note orientation and facing of each part
- Loosen clutch nut
- Pull clutch housing enough to pull out o-ring, then cut it out

**Bellhousing**

- Remove coils
- Loosen alternator flange (mark orientation)
- Support engine
- Spin starter make sure it all stays in place(turns one way)
- Bell housing mounting bolt
- Bell housing little bolts(T30) diagonal pattern

**Installing**

- Light coat of jointing compound
- Double-check locating dowels are in place-give slight lube
- Loctite 273 for alternator flange
- Spin starter

**Clutch install**

- Push housing firmly onto output shaft
- O-ring
- Flanged spacer
- Diaphragm spring(light lube at outer contact points)
- Aligned pressure plate(light lube for pressure plate/spring contact points)
- Cover plate(lube dowels lightly)
- Tighten lightly, then use gearbox to get it aligned properly
- Tighten one turn at a time to spec'd torque
- Double-check alignment
- Pushrod (lube it some)

- Reinstall coils

**Tranny install**

- Lube splines
- Spline lube bolts
- Tranny case bolts-do top ones first?)
- Flame bolts

**Swing arm**

- Wiggle until boot makes seal
- Use blocks to support it
- Pivot stub-tighten screws to torque spec
- Tighten stub as hard as possible by hand with Allen wrench
- Back it off a ways
- Tighten to torque setting
- Hold in place while securing locknut

## Clutch

- Connect clutch cable
- Loosen locknut and back adjuster out 1 or turns
- Retighten until light resistance - do not overtighten

Needed:	Final Drive Stud	07 12 9 908 096
	Final drive nut	07 11 9 922 849
	Clutch Nut	11 21 1 460 797
	O-ring	11 21 1 460 456
	Tranny washer	07 11 9 963 200
	Final Drive Washer	07 11 9 963 200

### Torque settings

	<b>N·m</b>	<b>ft·#</b>		
Bell housing	9 $\pm$ 1	6.5 $\pm$ 0.5	78	6
Alt. Flange	33 $\pm$ 4	24 $\pm$ 3	288	36
Clutch nut	140 $\pm$ 5	103 $\pm$ 4	1236	48
Clutch bolts	19 $\pm$ 2	14 $\pm$ 1.5	168	18
Trans. Housing	16 $\pm$ 1	12 $\pm$ 0.5	144	6
Trans. Frame mounts	40.5 $\pm$ 4	$\pm$	0	0
Trans. Filler/drain	20 $\pm$ 3	15 $\pm$ 2	180	24
Swing Arm Screws	9 $\pm$ 1	6.5 $\pm$ 0.5	78	6
Swing arm stub	7.3 $\pm$ 0.5	5.4 $\pm$ 0.4	64.8	4.8
Swing arm stub locknut	41 $\pm$ 3	30 $\pm$ 2	360	24
Final drive bolts	40 $\pm$ 3	29 $\pm$ 2	348	24
Speedo sensor	2.5	2	24	0
Center stand	41 $\pm$ 5	30 $\pm$ 3	360	36

Loctite  
30mm socket  
Joint compound  
Gasket sealant