

# 16903 Antihopping slipper clutch MV Agusta F4 1000 312 – mounting instructions

Congratulation, you bought one of best clutch systems for your MV F4 312.

Everytime is better when this operation do an experienced MV Agusta 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 MV Agusta 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.
3. Install premounted slipper drum.
4. Put STD safety washer ..
5. Fix big nut ( STD ) with torque 140 Nm ( pic. a ) and fix it with glue Loctite No. 620 ( b )
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 ( c ), then steel plate ( d ), and after the friction plate with bigger inside diameter ( g ) with seel rings – straght ( e ), then spring one ( f ). Other plates mount as STD ( h ).
7. Remove spacer from STD pressure plate bearing and put it into kit pressure plate ( i )
8. Install pressure plate ( j ).
9. Put STD clutch springs in position as before, put spring kit-buckels , fix all with M6 bolts with torque 10 Nm ( l ).  
Check correct clearance between pressure plate and clutch hub in bore in pressure plate. Correct clearance is ca. 1.0 mm. Minimal clearance is 0.5mm, in case it is smaller, change all friction plates
10. Everytime use new clutch cover gasket.
11. Mount case cover according to MV Agusta 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

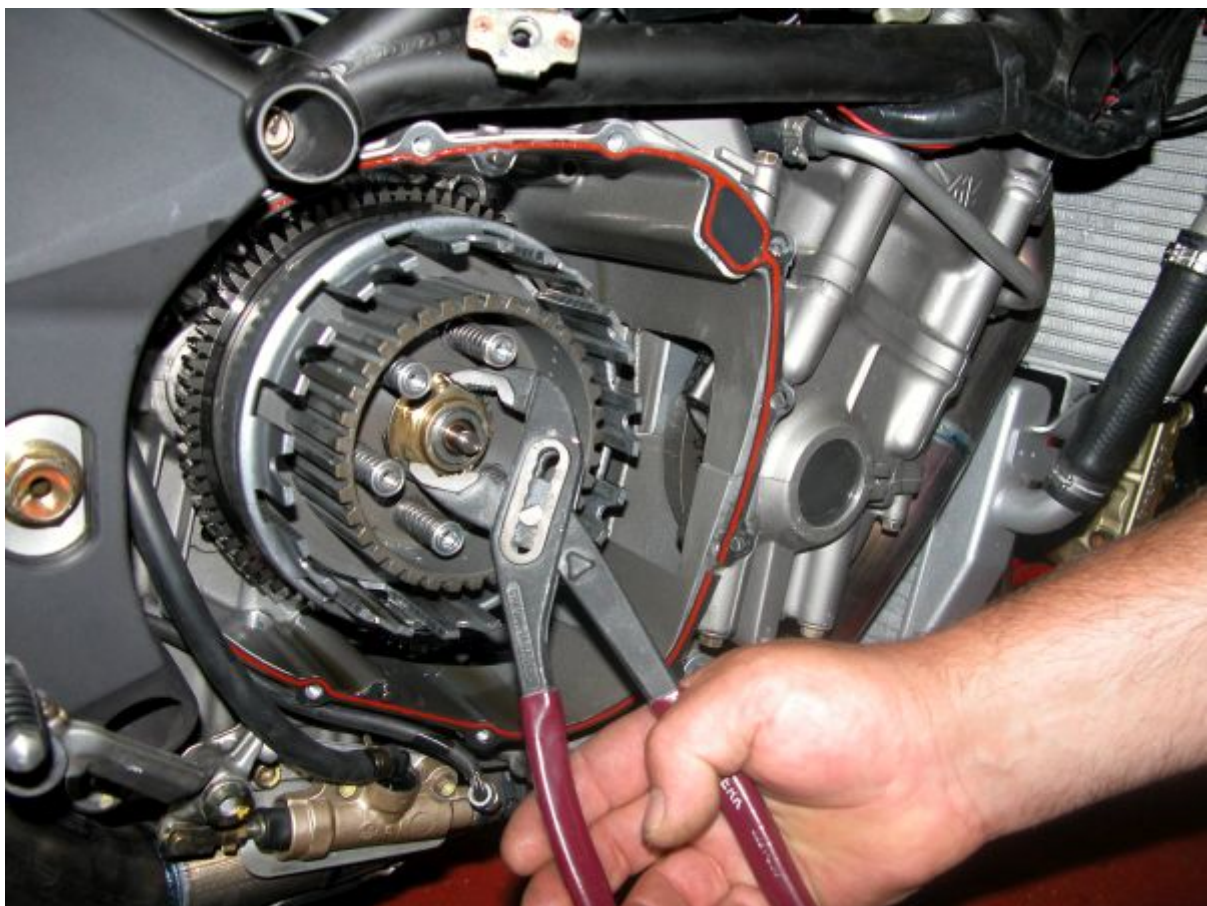
## LIST OF PARTS

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

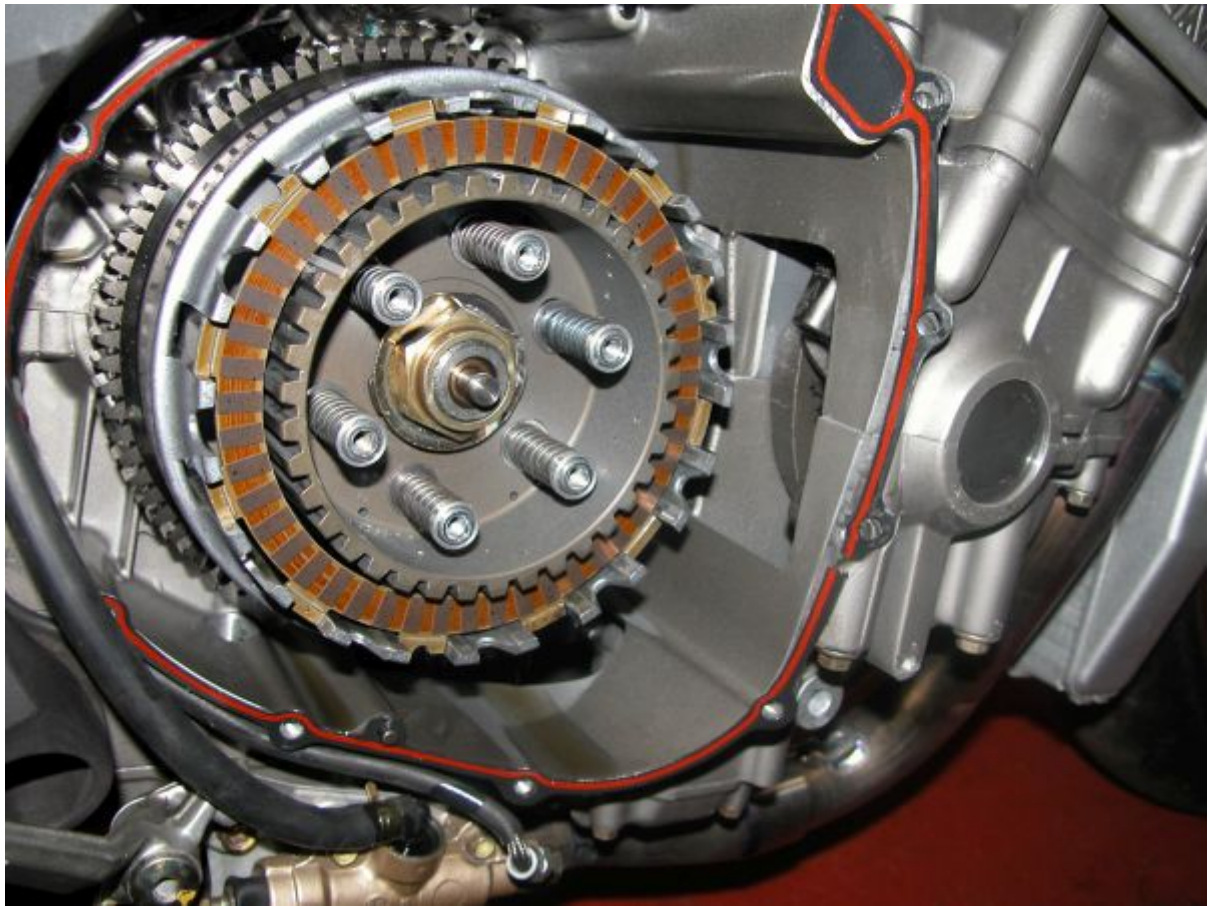
16903 Picture A (pic.a)



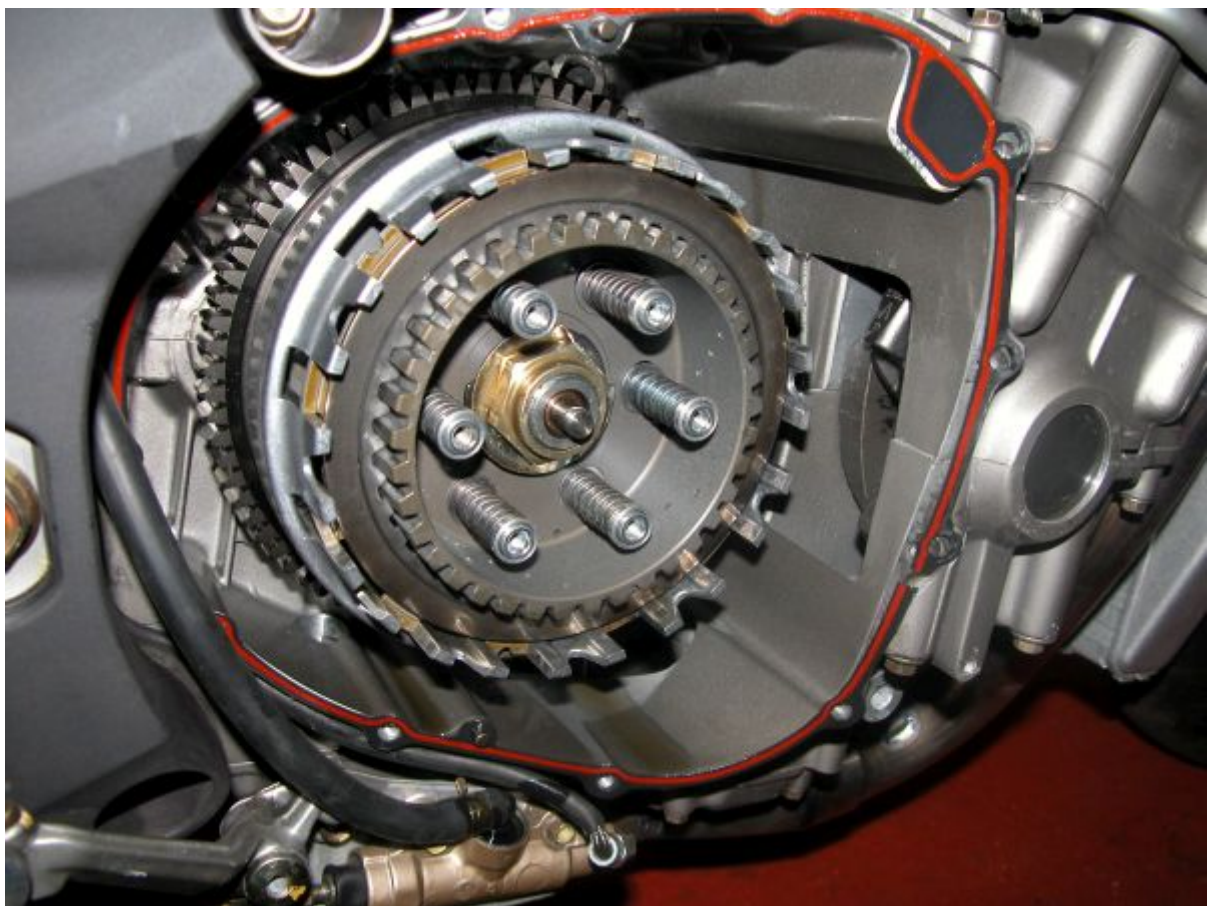
16903 Picture B (pic.b)



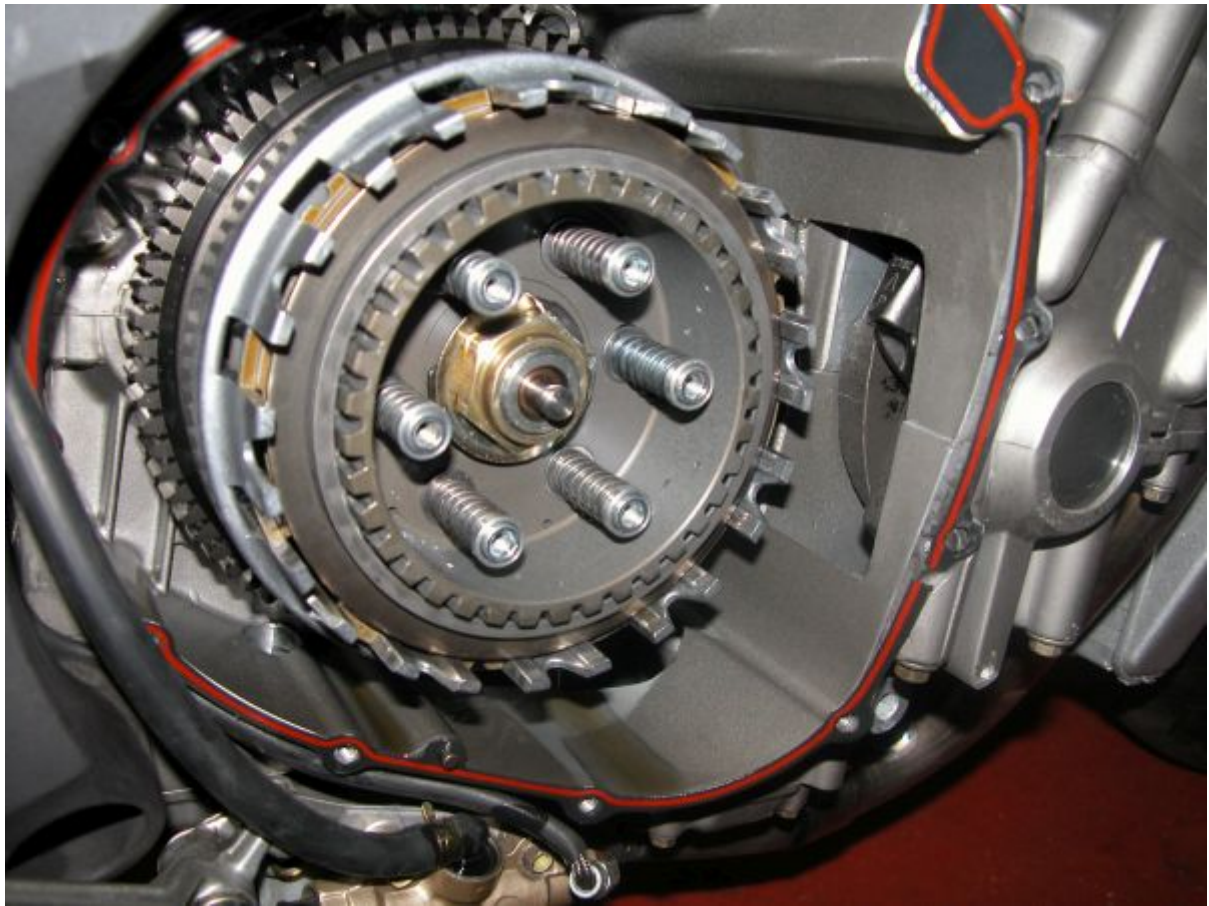
16903 Picture C (pic.c)



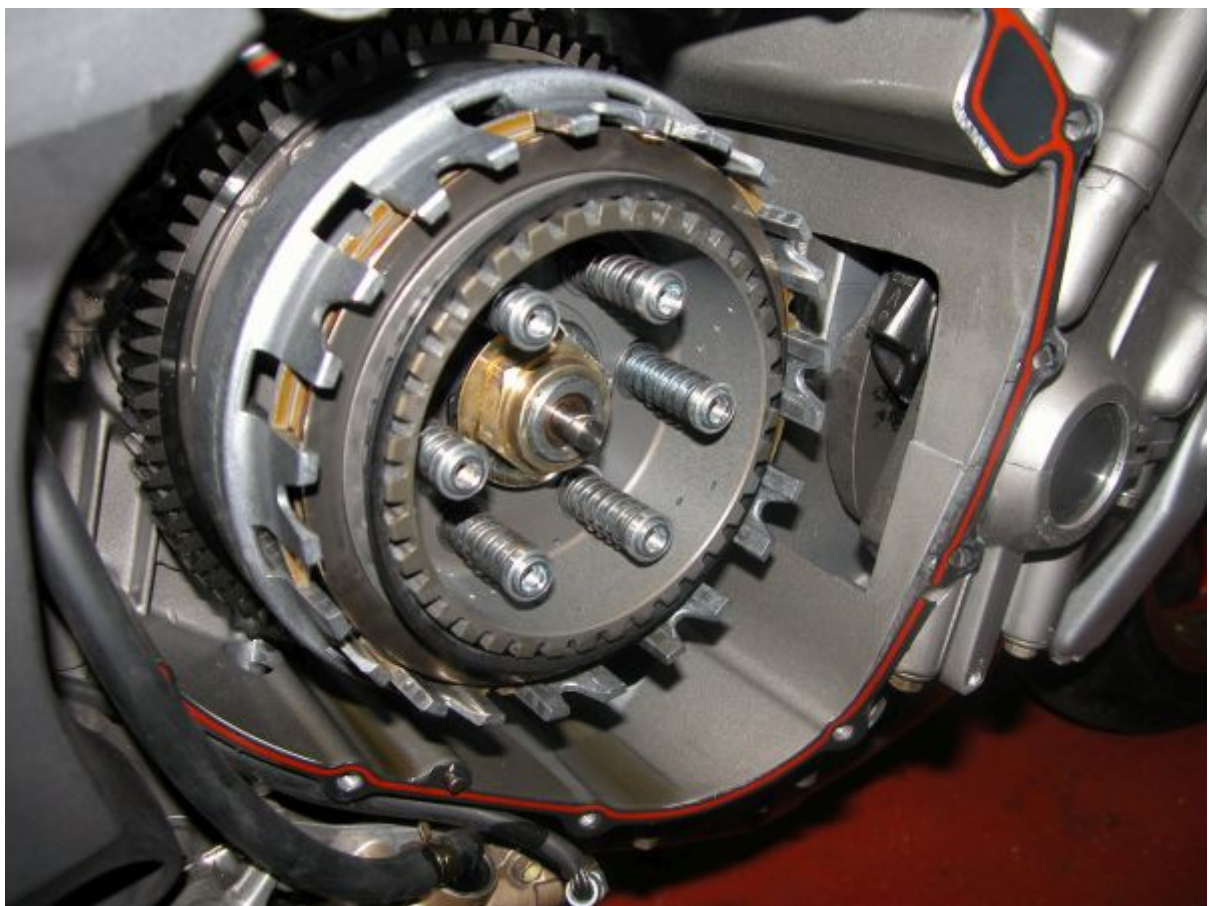
16903 Picture D (pic.d)



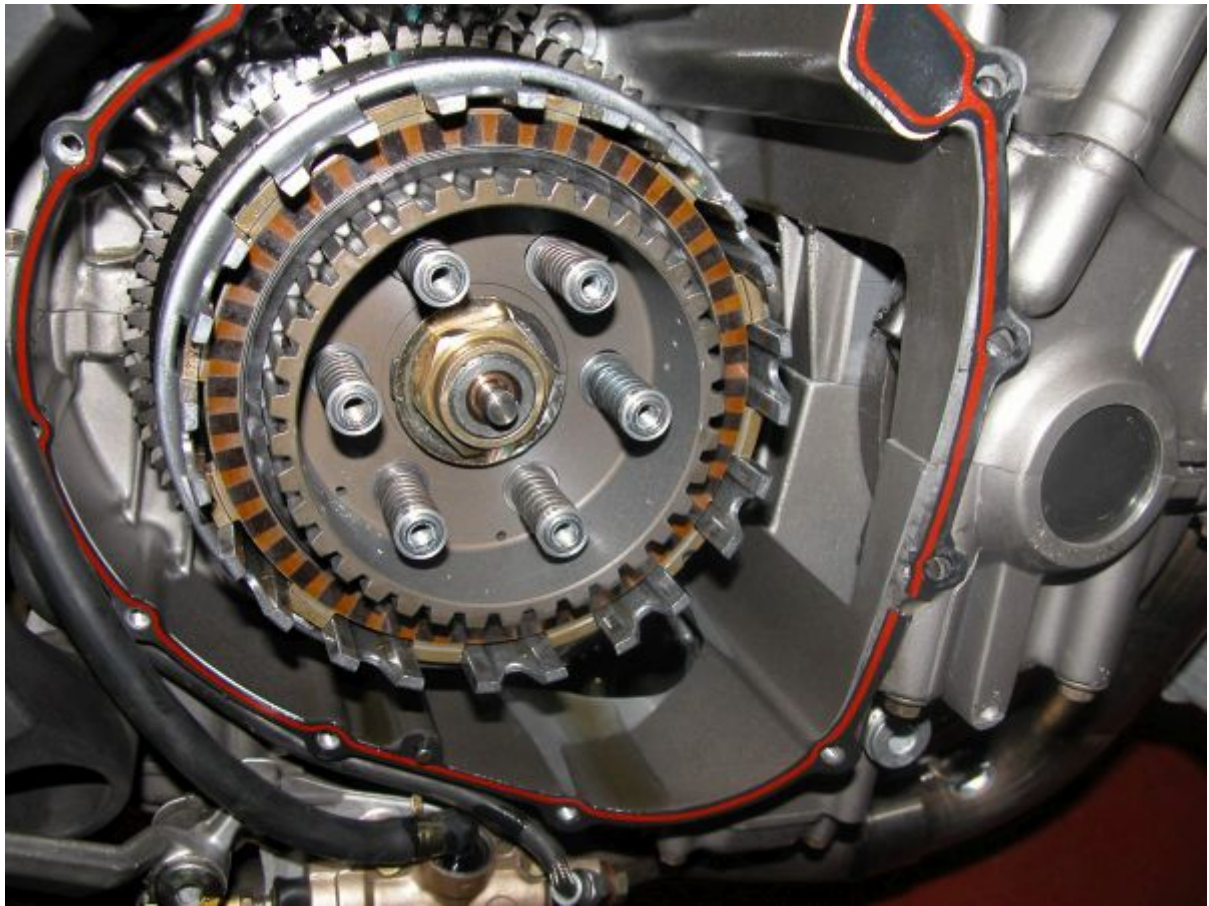
16903 Picture E (pic.e)



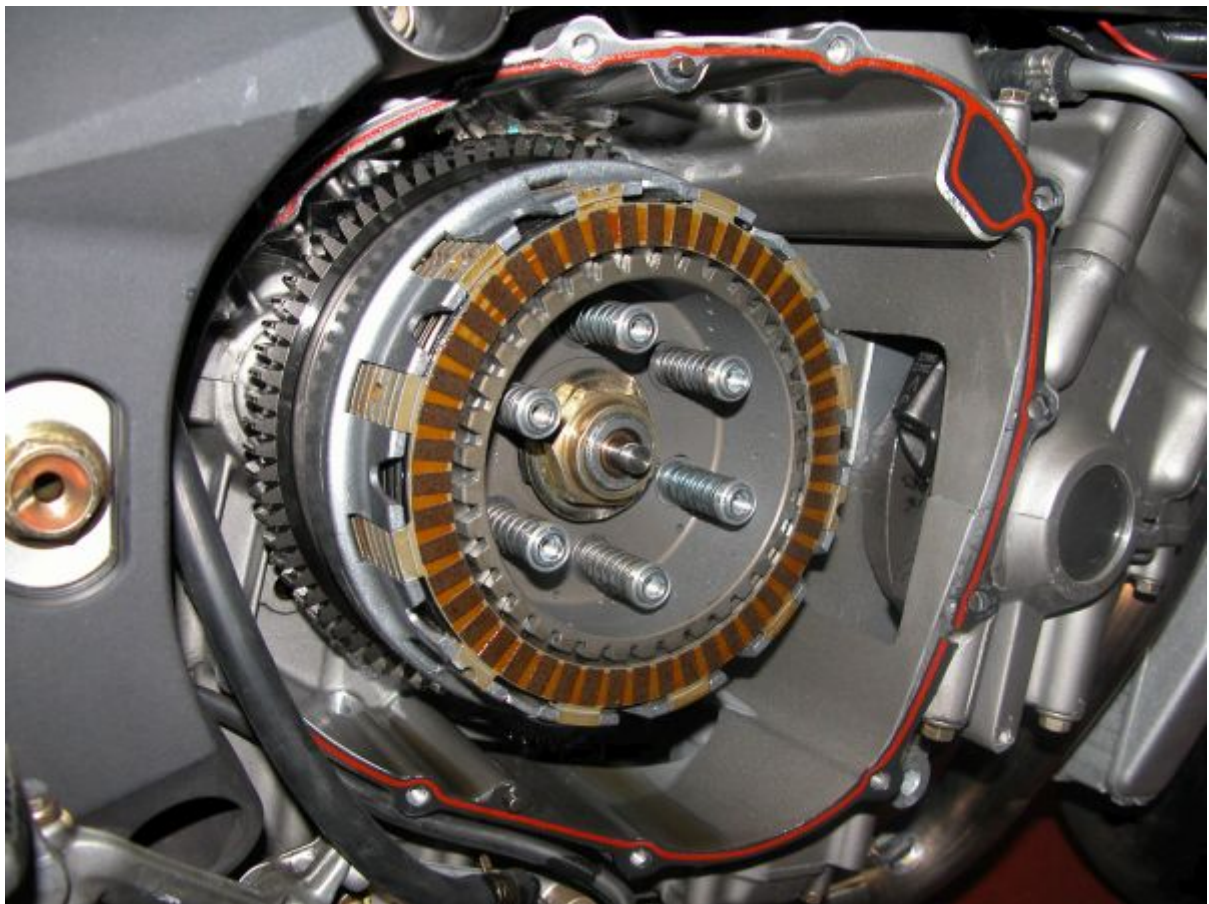
16903 Picture F (pic.f)



16903 Picture G (pic.g)



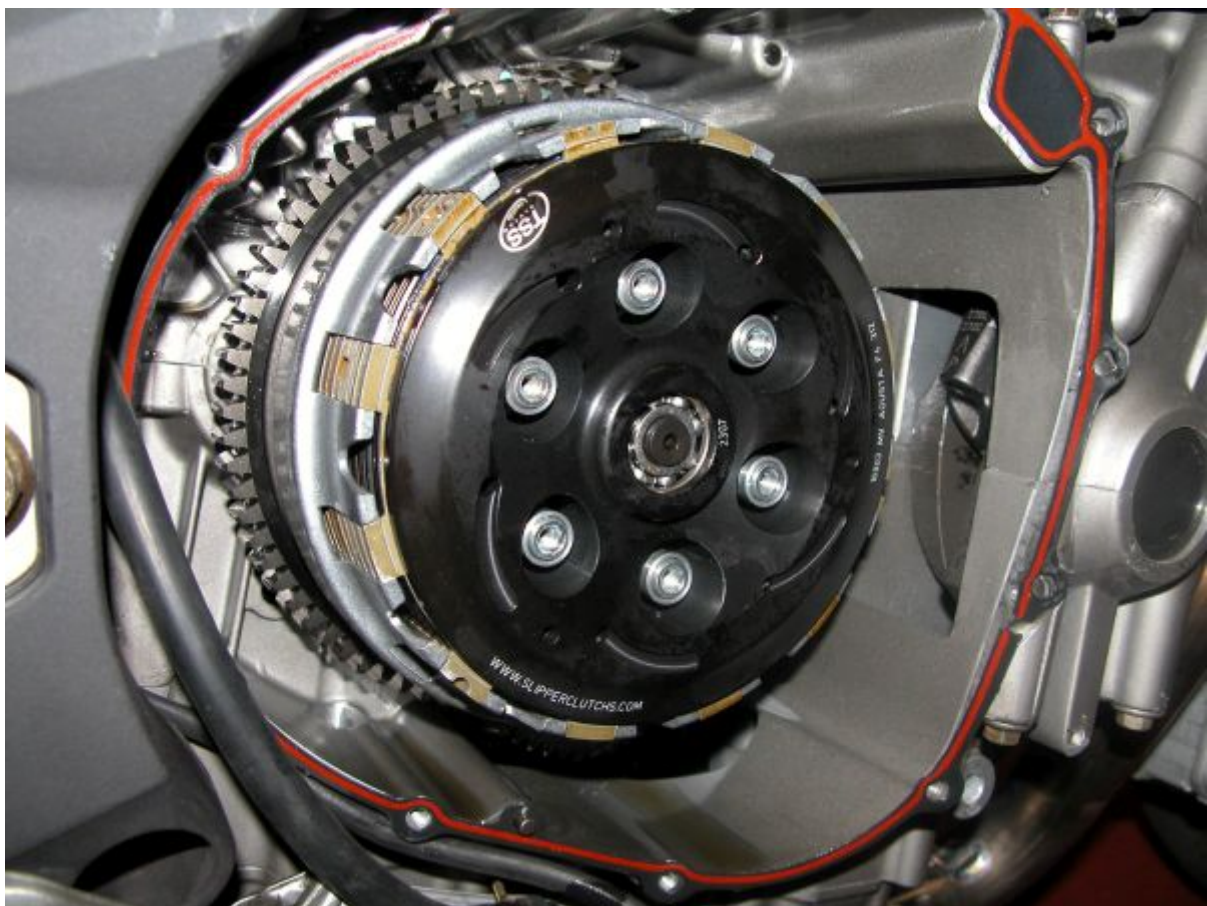
16903 Picture H (pic.h)



16903 Picture I (pic.i)



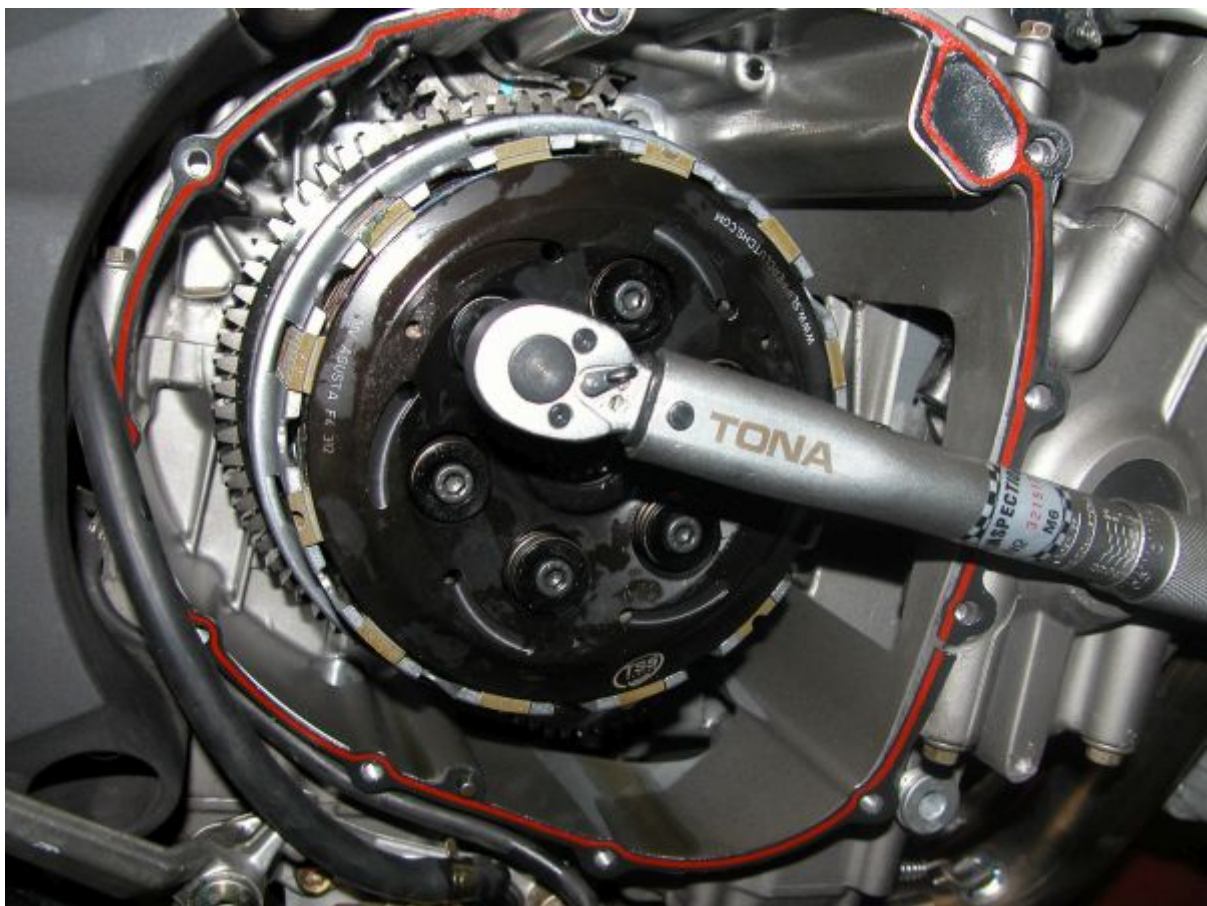
16903 Picture J (pic.j)



16903 Picture K (pic.k)



16903 Picture L (pic.l)



16903 Picture M (pic.m)

