TPP017　VP-Evo,Sport　Evo 1990~1997　XL 1994~2020　Installation Instruction

International Patent Pending

Thankyou for purchasing T.P.P. Variable Pressure Clutch(VPC)This clutch is one of the most efficient clutch system. Easy clutch pull at low RPM and stronger clutch engagement at higher RPM. Please reed this instruction and be familier with this installation instruction otherwise may cause serious injury and/or　fatal accident.

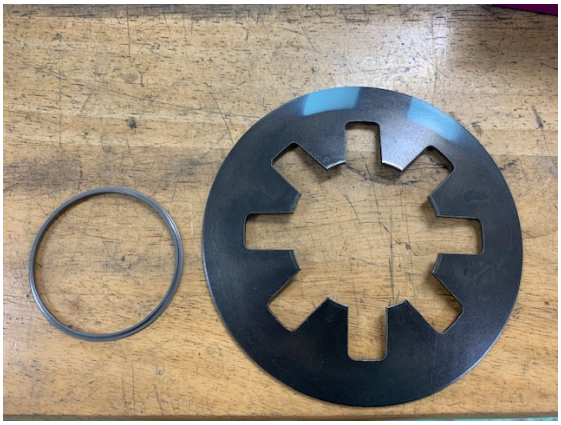
Note: 1991~1993 models will need 1994 Later Primary cover ,Derby cover and ball & ramp system

Pro mechanic installation recommended.Installation by an individuals void All warranty.

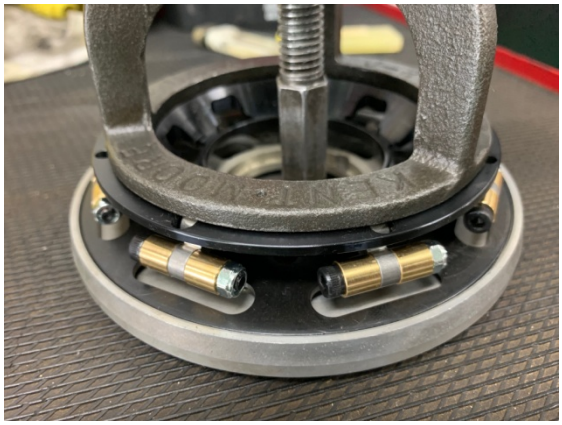
Bike on jack,up right, refer service manual, remove battery negative cable then　remove primary cover.

1) Use diaghram spring compressor, then remove snap ring(21), seat ring inner(18) and diaghram(23).Discard seat ring　inner(18),No longer use this and stock diaghram spring. (Pic.1)

Pic. 1 **No longer use seat ring & stock diaghram**.

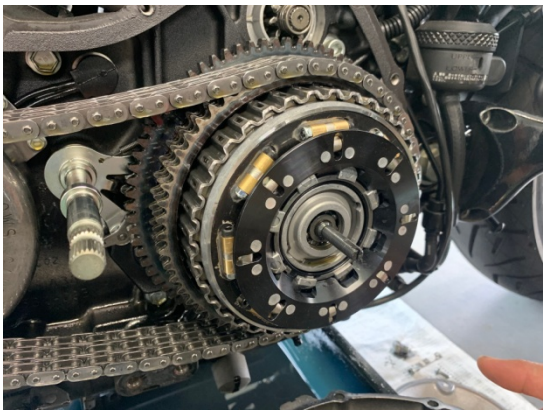


Pic.2 compressing diaghram.



2) Place diaghram from kit and VPC, Align VPC and clutch hub, carefully compress diaghram then install snap ring (Pic.2). Pay attention not to damage clutch hub.. Make sure snap ring is fully seated and spread, then remove tool. (Pic.3)

Pic.3　VPC installed.　　Pic.4　XL only





3) (XL Only)Clutch cable connecting part is so close to VPC so grind off little bit like Pic. 4.

4) Wash and clean primary cover, use old gasket and install primary cover with few bolts. Adjust primary chain tensioner. Press starter button momentary, listen to the clutch area. Make sure NO HITTING sound. You must not hear any abnormal sound if proper work is done.

5) Use new gasket, fasten all bolts, rebuild everything. Adjust clutch adjuster , 1/2 turn back for Evo, 1/4 turn back for XL is preferred. Pour new oil.
6) VPC makes clutch disengagement better(note: when using softer diaghram than stock)
so you can have more free play at clutch lever. Adjust clutch lever free play as you like.
7) Start engine, make sure NO abnormal sound, then grab front brake to shift into first gear to make sure clutch is disengaged. Now you can go for a ride!
8)　Have fun! Thank you very much!

TPP017 VP-Sport kit contains: VPC, Diaghram spring

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