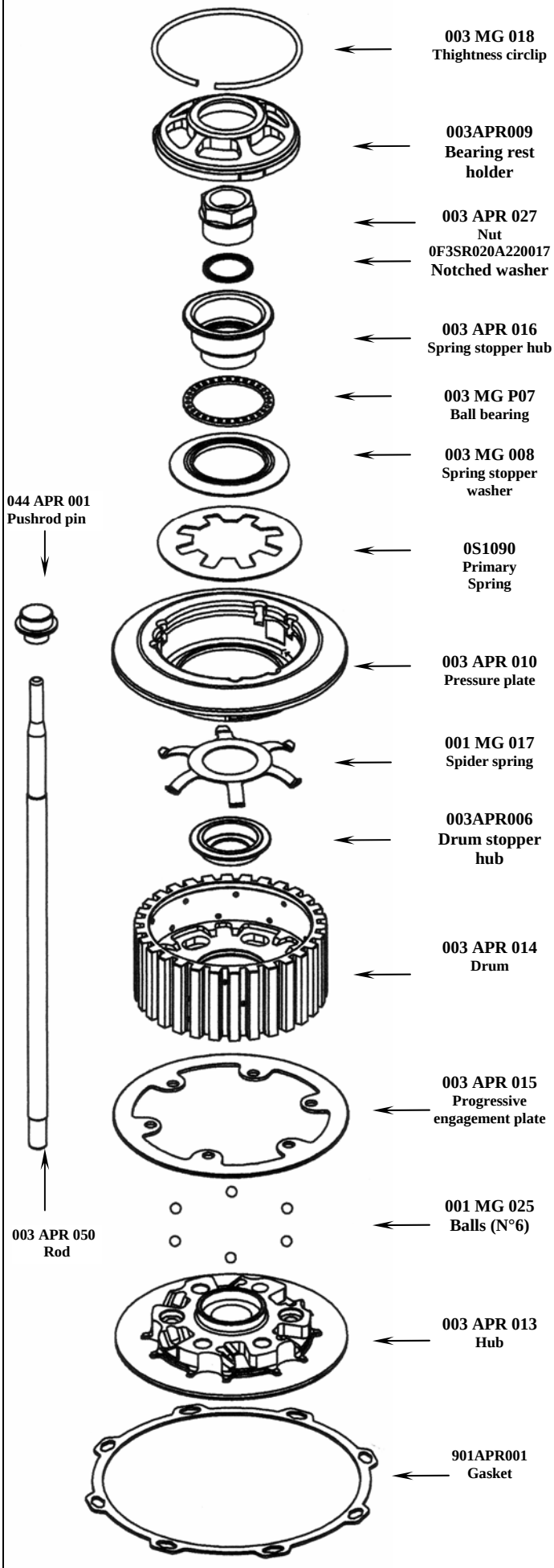
003APR001



SLIPPER CLUTCH KIT FOR APRILIA RSV 1000

ASSEMBLY INSTRUCTIONS

- Pre-assemble the hub pack: place the progressive engagement plate (003APR015) on the hub (003APR013) with the step facing up, put it correctly into its seats then check that when pushing on one side the opposite side lifts up. Place the 6 steel balls (001MG025) at the bottom of the grooves of the hub (003APR013) using a small amount of grease then fix the drum (003APR014) onto the hub (003APR013) in an at-rest position with with the specific tool (006AM001) not supplied with the clutch.
- Insert the hub pack onto the main shaft.
- Reinstall the original clutch plates. The total thickness of the pack must be 45.00 mm ± 0.2 mm. NOTE: from the original disc pack take out 1 guided disc, which is replaced by the progressive engagement steel plate (003APR015).
- Remove the previously mounted specific tool (006AM001).
- Position the drum stopper hub (003APR006) on the hub (003APR013) with a small quantity of grease.
- Place the spider spring (001MG017) in the drum (003APR014) housing with a small amount of grease.
- Insert the pressure plate (003APR010) in the drum (003APR014).
- Insert the Evoluzione primary spring (0S1090) in the pressure plate (003APR010) housing.
- Pre-assemble the spring stopper group: keep the spring stopper plate (003MG008) with the groove for the bearing facing up as illustrated, insert the ball bearing (003MGP07) and then the spring stopper hub (003APR016).
- Insert the spring stopper group into the pressure plate (003APR010) on the Evoluzione Racing spring (0S1090).
- Insert the toothed washer (0F3SR020A220017) in the upper part of the drum stopper hub (003APR016) with the convex part facing up.
- Insert the nut (003APR027) in the spring stopper hub (003APR016).
- Screw the nut (003APR027) onto the drive shaft, locking with the dynamometric key to the torque suggested by the manufacturer. To hold the pressure plate (003APR010) we suggest to use the specific tool (002AMH001) not supplied with the clutch.
- Insert the trust rod (003APR050) inside the hole placed on the head of the primary shaft.
- Assemble the complete bearing rest: mount the ball bearing and the bearing pin holder (044APR001) fitting the whole pack in the bearing rest (003APR009) seat.
- Position the complete bearing rest (003APR009) into the pressure plate (003APR010) seat, being careful to correctly fit it in the respective grooves.
- Practice a little pressure on the bearing rest (003APR009) in order to release the seat for the circlip (003MG018) then correctly fit it in its seat. Make sure that the circlip (003MG018) adheres to the full perimeter of the opening itself.
- Replace the original gasket with the STM one (901APR001).
- The (original Aprilia) clutch control depression pipe have to be plugged in order to avoid oil dispersion or suck. The above pipe is placed in the inferior part of the clutch guard.

Once the assembly is complete, repeatedly operate the clutch lever to check that the pressure plate correctly performs the opening and closing movements, then mount the clutch cover.

GENERAL SAFETY REGULATIONS

- IN THIS SHEET ARE REPORTED THE DIRECTIONS TO PERFORM CORRECTLY THE CLUTCH ASSEMBLY OPERTIONS.
- STM RESERVES THE RIGHT, WITHOUT NOTICE, TO INTRODUCE ANY TECHNICAL CHANGE WHENEVER DEEMED IT TO BE NECESSARY TO IMPROVE FUNCTION AND QUALITY OF THE PRODUCTS.
- ASSEMBLY OPERATIONS MUST BE PERFORMED BY A SKILLED TECHNICIAN AND MUST BE SCRUPULOUSLY OBSERVED.
- BEFORE MOUNTING THE CLUTCH MAKE A COMPLETE INSPECTION OF THE MOTORBIKE COMPONENTS, IN ORDER TO VERIFY THE POSSIBLE PRESENCE OF FAULTS OR ANOMALIES ON THE VEHICLE.
- MAKE SURE THAT THERE ARE NO MISSING/DAMAGED PARTS IN THE CLUTCH KIT.
- SOME PARTS OF THE CLUTCH AND ITS COMPONENTS CAN HAVE SHARP SURFACE: HANDLE WITH CARE.
- SOME COMPONENTS OF THE CLUTCH, BECAUSE OF THEIR SMALL DIMENSIONS CAN BE SWALLOWED: KEEP AWAY FROM CHILDREN.

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