



TOPCAP INTERFACE PARTS INSTALL NOTES:

PUSH-TO-LOCK (PTL):

- 1 PTL SUB-ASSEMBLE TOPCAP INTERFACE PARTS WITH PULLEY SET SCREW FACING THE DOT OPPOSITE THE ARROW.
2. INSTALL 1 PTL SUB-ASSY TO DAMPER WITH ARROW FACING DESIRED DIRECTION FOR CABLE ROUTING. TIGHTEN THE SETSCREW 2-3 TURNS (DO NOT RUN DOWN).
3. ROTATE ENTIRE SUB-ASSY 270° CCW AFTER INSTALLING. CHECK CABLE DIRECTION. TORQUE THE SETSCREW WHILE HOLDING PULLEY 4 PTL WHEN LOCKED OUT (ADD 5-6 IN-LB CW TORQUE TO PULLEY), SET SCREW MUST BE ALIGNED TO MARK ±20°.
5. PULLEY MUST RETURN FREELY AFTER LOCKOUT (FROM FORCE OF TORSION SPRING ALONE).

PUSH-TO-UNLOCK (PTU):

- 1 PTU SUB-ASSEMBLE TOPCAP INTERFACE PARTS WITH PULLEY SET SCREW FACING THE DOT OPPOSITE THE ARROW.
2. INSTALL 1 PTU PARTS SUB-ASSY TO DAMPER WITH ARROW FACING DESIRED DIRECTION FOR CABLE ROUTING. TIGHTEN THE SETSCREW 4-5 TURNS (DO NOT RUN DOWN).
3. ROTATE ONLY CABLE HOUSING 270° CW TO PRELOAD TORSION SPRING. CHECK CABLE DIRECTION.
- 4 PTU WHEN LOCKED OUT (STEP 3 COMPLETE, NO EXTRA TORQUE ADDED TO PULLEY), CHECK THAT SET SCREW IS ALIGNED TO MARK ±20°. TORQUE THE SETSCREW WHILE HOLDING PULLEY.
5. PULLEY MUST RETURN FREELY AFTER UNLOCK (FROM FORCE OF TORSION SPRING ALONE)

TORQUE: PUSH-TO-LOCK & PUSH-TO-UNLOCK: NEEDLE TO 2.0 ± .15 IN-LB BEFORE INSTALLING TOPCAP INTERFACE PARTS (SAME TORQUE FOR CARTRIDGE DYNO)

TORQUE: 220±5 IN.LB.

TORQUE: (10±1 IN.LB) REF: FOR BIKE INSTALL

TORQUE: 6±1 IN.LB.

TOPCAP INTERFACE PARTS:
 820-05-611-KIT: 2020 Grip Push-Lock Remote, Topcap Interface Parts
 820-05-560-KIT: 2020 Grip PTU Remote, Topcap Interface Parts

GREASE: THIN LAYER BLUE MARINE GREASE ID AND OD

Seals: U-Cup, Shore 70A, 2013 CTD-ADJ, Remote Fit-CTD and Remote O/C-CTD

Fastener: Custom (Metric): Set Screw [M4 x .7mm x 3mm] SST, Patchlock

Cable Pulley Remote, 2020 GRIP

Fastener Standard (Metric): Screw [M2.5X8mm] Socket Head Cap, SS

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TITLE
2022 34 SC 120 MAX GRIP REMOTE CARTRIDGE ASSEMBLIES COMPLETE

SIZE DWG. NO.
C

PLOT SCALE ~1:1 SHEET 1 OF 1