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624105



624106



Baker Drivetrain Transmission Service Parts

High Torque Bearing Kit

The OEM 34091-85 inner bearing race has been used on Big Twin since 85. The inner primary bearing rides on this race. By design, this race press-fits onto the transmission mainshaft. This system works fine for stock engines. 100 HP+ engines will make this bearing walk on the mainshaft. If it walks inboard, it will damage the main drive gear seal and cause a transmission oil leak. If it walks outboard, it will cause a primary oil leak. The Baker high torque bearing kit eliminates this condition. Kit includes a precision honed bearing and seal.

624105 Fits Big Twin models from 84-06

Anti-Overshift Ratchet Pawl

The stock ratchet pawl used from 80-00 utilized a scissor spring that was well known for breaking. Each time an upshift or downshift is made the pawl spring is cycled. After many cycles, the spring breaks. The unfortunate side effect of this failure is the broken spring led going through the transmission gears and destroying the transmission. Any seasoned tech has seen this one. The Baker new ratchet pawl utilizes a rectangular cross-section spring like the 21st century Big Twins. Other improvement is the lever "beak" for overshift protection.

624106 Fits Big Twin 5-speed models 80-99

Baker "Recal Box"

Starting in 94, the factory started using electronic speedos on some of the models. Today all models use this. If you are changing the transmission pulley, rear wheel pulley, rear tire size or installing one of ours or Baker's transmission and/or gear sets you will need a recalibration unit. You can dial it in dead-nuts after you install it in-line with your existing wiring harness.

624107 Fits Big Twin models 94-06



Ratchet Top Assembly

Our ratchet top unit comes completely assembled. It includes a top cover gasket, sockethead mounting hardware, a vent screw and neutral switch. It features an investment-cast FL-style shift drum for forward control shift patterns. This unit will fit all 4-speed Big Twin transmissions from 52-E79.

- 09300** Complete chrome-plated assembly (repl. OEM 34799-65)
- 09299** Complete polished assembly
- 09325** Chrome ratchet top cover ONLY (repl. OEM 34803-59)

Replacement Parts

Listed in OEM part number order.

- 09302** 1/4"-20 x 11/16" screw and lockwasher (repl. OEMs 1369, 7124) pack of 10
- 09303** 10-24 x 1 5/32" screw and nut (repl. OEMs 1764W, 7620) pack of 10
- 09305** 1/4"-24 x 13/16" chrome sockethead screw (repl. OEM 1766W) pack of 10
- 09306** 10-24 x 1/2" chrome sockethead screw (repl. OEM 1767W) pack of 10
- 09307** 10-24 x 1 3/8" screw (repl. OEM 1772W) pack of 10
- 09308** Shifter gear spring (repl. OEM 33390-26) sold each
- 09309** Shifter gear (repl. OEM 33960-36A) sold each
- 09310** Shifter cam, cast style (repl. OEM 34019-73) sold each
- 09311** Shift cam shaft with seal (repl. OEMs 34031-41, 34036-36) sold each
- 09312** Lock screw (repl. OEM 34050-36) pack of 10
- 09313** Cam follower (repl. OEM 34062-52) sold each
- 09314** Chrome cam follower retainer (repl. OEM 34064-52) sold each
- 09316** Cam follower spring (repl. OEM 34068-52) pack of 10
- 09317** Shift shaft bushing (repl. OEM 34435-52) sold each
- 09318** Shifter shaft (repl. OEM 34453-52) sold each
- 09319** Shifter pawl (repl. OEM 34478-75) sold each
- 09320** Shifter pawl spring (repl. OEM 34482-53) pack of 10
- 09321** Shifter pawl carrier with bushing (repl. OEMs 34488-52B, 34498-52) sold each
- 09322** Pawl carrier spring (repl. OEM 34500-52A) pack of 10
- 09323** Pawl retainer (repl. OEMs 34525-54, 1608) sold each
- 09324** Shifter adapter plate (repl. OEM 34560-52) sold each
- 09326** Chrome vent screw (repl. OEM 34720-56) pack of 10



28155

28156

Chrome Dust Shield and Shifter Lever Sets

Shifter lever and dust cover sets for 4-speed models. Include mounting hardware.

- 28155** Fits FX models from 74-E79 (repl. OEMs 34447-74, 34555-74)
- 28156** Fits FL models from 52-E79 (repl. OEMs 34447-52, 34555-52)



Gear Shifter Cover

Replacement gear shift cover for all Big Twin models from 52-E79.

- 28127** Replaces OEM 34551-52



Mainshaft Drive Gear Spacers

For 4-speed Big Twin models from 38-86.

- 25375** Fit 80-81 (repl. OEM 35070-80). Use with OEM 37741-67 oil seal (CC #25323) and OEM 8905 needle bearing (CC #25450)
- 25376** Fit 38-E77 (repl. OEM 35171-37). Use with OEM 35175-38 locking key (CC #20096)
- 25377** Spacer, late 77-79 models (repl. OEM 35070-77)
- 25378** Spacer, main drive gear, chain drive, 82-85 (repl. OEMs 35079-82A, 35079-84)
- 25379** Spacer, main drive gear, belt drive, 82-86 (repl. OEMs 35070-82A, 35070-84)