

REAR SUSPENSION 101 REBUILD KIT INSTRUCTIONS

SOFTTRIDE, Inc.

4201 Meridian Street, Bellingham, WA 98226

(360) 647-7420

CONTENTS (1 EACH):

17-4 SS Rolled threaded eye bolt (part #17482)
Pivot bolt support washer (part #16748)
5/16" x 3/4" Silicon bronze flat washer (part #15765)
Dust cover (part #15618)
Pivot nut retainer (part #16048)
1/4" x 28 Pivot nut (part #16254)
Finish Line Synthetic Teflon Grease packet (part #20866)

TOOLS REQUIRED:

7/16" Nut Driver
Adjustable Wrench
5mm Hex Key (Allen Wrench)
Hammer
5/32" Punch
101 Mount Rebuild Kit Diagram

DISASSEMBLY AND REPLACEMENT PROCESS:

1. Remove SRS Beam from bike first by using the 5mm hex key to remove the height adjustment bolt and washers (part #16917, 16918 and 16920). Then using the 5/32" punch, drive out the 101 pin (part #14861) from the rider's left side to the rider's right side. Note that the 101 pin is serrated, the non-serrated end of the pin goes in first when reinstalling.
2. Place beam on work bench (height adjustment bracket down) for access to the 101 cavity.
3. Pry off the dust cover (part #15618) and lift out the red pivot nut retainer (Part #16048).
4. Using the 7/16" nut driver, remove pivot bolt nut (part #16254).
5. Using the adjustable wrench, back out the rolled threaded eyebolt (part #20865). The pivot bolt bottom support steel washer (part #16748) should come off with this.
6. Lift out pivot bolt steel washer (part #15764) and the pivot bolt silicon bronze washer (part #15765).
7. Clean the 101 cavity using clean rag or swab. *Save the 101 pin and discard all other parts.

REINSTALLATION:

1. Place pivot bolt bottom steel support washer (part #16748) onto the rolled threaded eyebolt (part #20865).
2. Screw eye bolt back into bottom of the beam (finger tight). Using the adjustable wrench, tighten eye bolt (part #20865) until the axis of the hole is perpendicular to the centerline of the rear suspension. The shoulder of eyebolt and washer (part #16748) should be flush with the bottom of the beam.
3. Place pivot bolt silicon bronze washer (part #15765) and pivot bolt steel washer (part #15764) over the threaded end of the rolled threaded eyebolt.

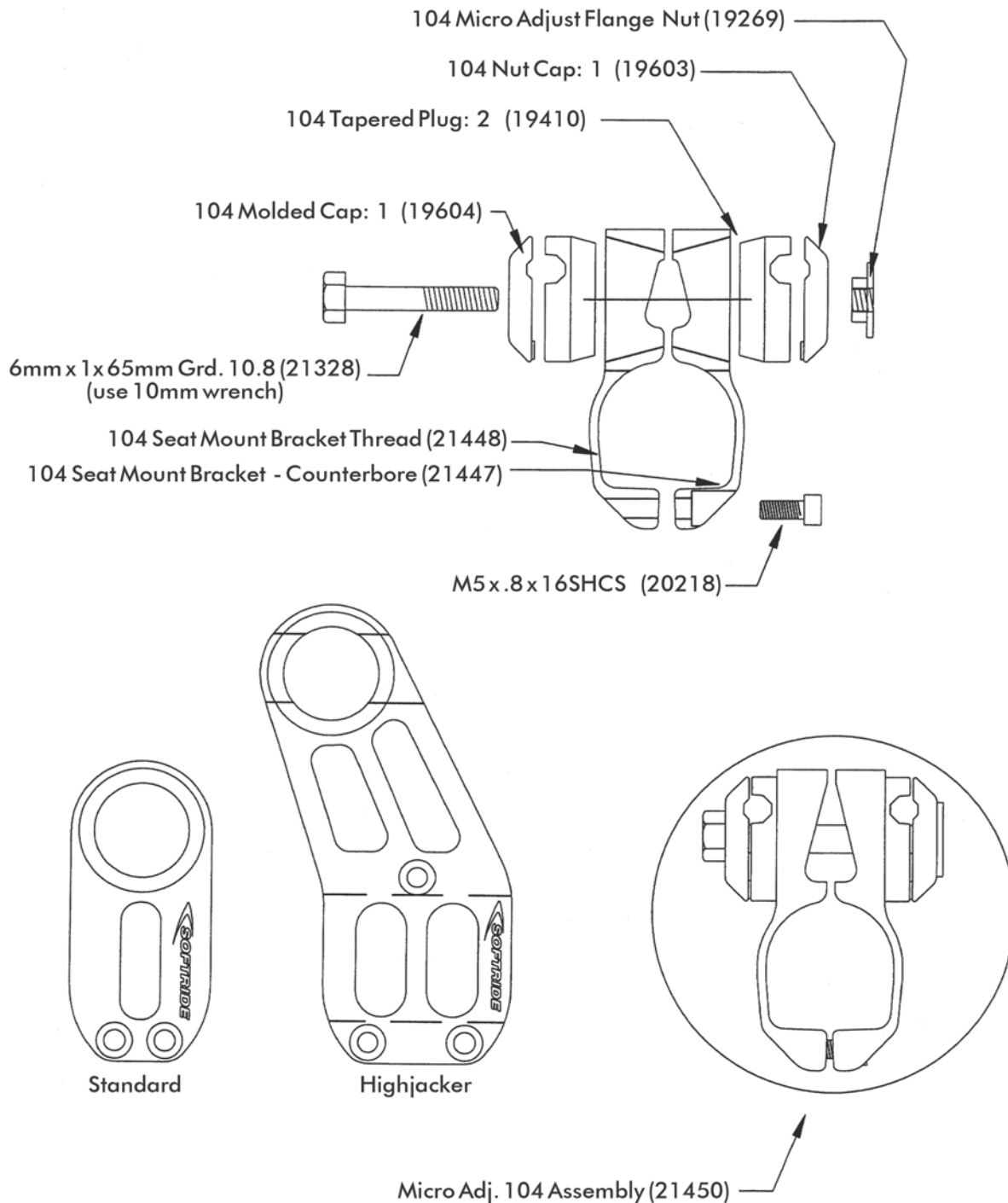
REAR SUSPENSION 101 MOUNT REBUILD KIT: EXPLODED VIEW

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Micro Adjust 104 Seat Bracket



REAR SUSPENSION 101 REBUILD KIT INSTRUCTIONS (continue)

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4. Using 7/16" nut driver, secure on pivot bolt nut (part #16254). Tighten the assembly until the two washers and nut contact the anti-friction tray. Tighten until the next two parallel sides of the nut are parallel with the axis of the beam.
5. Place the red pivot nut retainer (part #16048) onto pivot bolt nut.
6. Using grease packet (part #20866), fill the 101 cavity.
7. Replace dust cover (part #15618).
8. Reposition the beam on the frame. Note the positions of the component parts of the height adjustment bolt assembly (part #17656). Tap in 101 pin from riders right with non-serrated end entering first.

*Replace every 2 years or every 5000 miles.