



Answer Manitou 2 E9 Fork Rebuild Instructions

Tools:

- Metric hex wrenches
- Thin standard screw driver
- 5mm hex on ¼ drive socket and long extension
- ¼ drive ratchet

Dissassembly

1. Remove outer fork caps.
2. Use long 5mm allen wrench or 5mm hex bit on ¼" drive socket.
3. Pull legs down gently to get more room to work with the dust seal and retaining ring.
4. Lift dust seal cover off of flange boss and slide it up inner fork leg.
5. Use a small screwdriver to remove retaining ring.(Figure 1)
6. Pry up dust seal until it is above flange.
7. Remove adjuster allen screw and knob from outer fork leg.
8. Pull outer leg assembly down sharply to force upper bushing out of flange.
9. Remove elastomers and washers from allen bolt.
10. Remove flange seal and upper bushing (outer fork leg).

Reassembly

1. Clean all parts thoroughly.
2. Slide retaining ring, dust seal, and upper bushing onto outer legs.
3. Lubricate allen bolt, washers, and elastomers, and bushings with supplied lubricant.

Note: Use the lubricant that is supplied with your kit. Do not use any other lubricant.

4. Place rebound washer and elastomer(shortest) on 120mm allen bolt and insert allen bolt into inner fork leg.
5. Install lower bushing and assemble elastomers as shown in (Figure 2).
6. Install lower bushing onto inner fork leg.
7. Install spindle adjuster onto allen bolt and tighten.
8. Grease ID of outer leg and below upper bushing seat.
9. Install outer legs as a unit onto inner legs. Force the bushings past the flange area.
10. Align guide pins into the holes in the spindle adjuster. Push outer leg over inner leg until fully seated.

11. Install adjuster knob and tighten small allen bolt.
12. Using a small screwdriver, push the upper bushing down into the flange. Take care not to damage bushings or scratch the inner leg.
13. Install retaining ring by starting the wide end into the flange groove. Pushing down with a screwdriver rotate to feed ring into the groove. Install and align so that the end gap is oriented straight back.

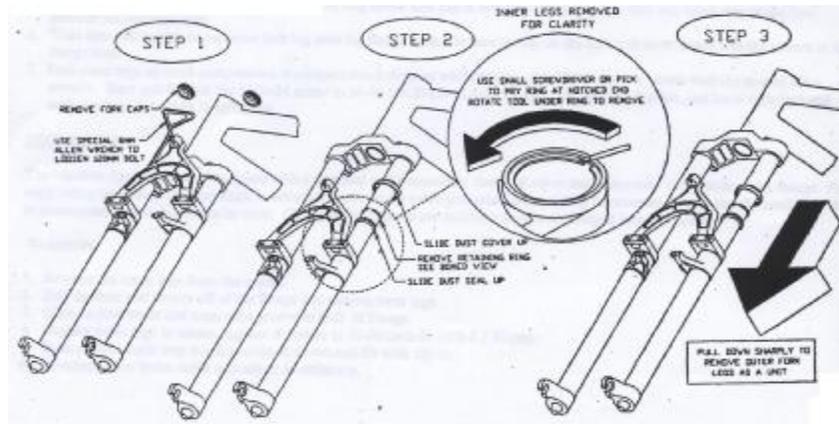


Figure 1
MANITOU 2 FORK SCHEMATIC

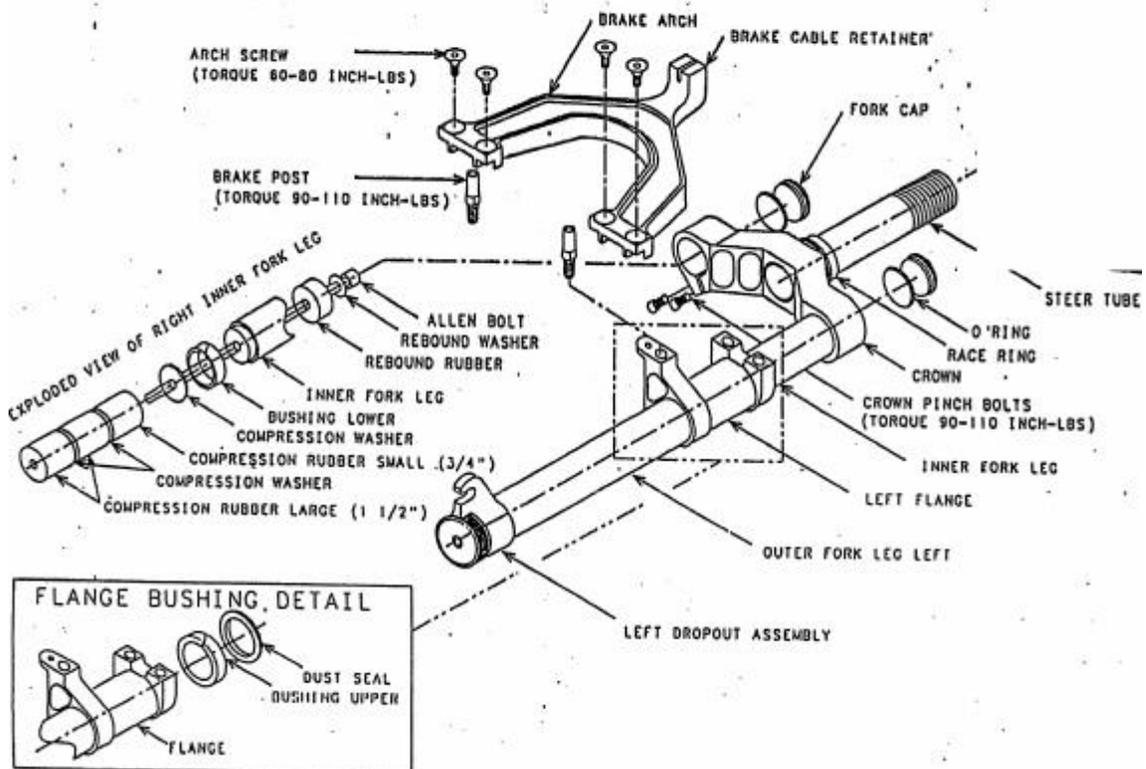


Figure 2