Sputhe Engineering, Inc.

Sputhe PosiTrac Dyna Stabilizer

Part Number 9100

Instructions: **Revised 4-2-2015**

A. **Installing the front stabilizer.**
   1. Remove the nuts from the two bolts that attach the engine bracket to the front isolator.
   2. Remove one of the bolts and replace it with one of the 2 ¾" polished socket head bolts and lock washers provided. (Note: The PosiTrac assembly is symmetrical so the bolts can go in from either side.)
   3. Replace the other original bolt and attach the anodized aluminum bracket (part no. 9101.)
   4. Remove the lower bolt attaching the isolator to the frame.
   5. Attach the steel plate frame bracket (part no. 9102) by the lower 1 ½" polished socket head bolt and lock washer provided. (Do not tighten yet.)
   6. Remove the original upper frame to isolator bolt.
   7. Swing the frame bracket into position and install the other socket head bolt and lock washer.
   8. Attach the stainless steel stabilizer link to the aluminum bracket with the bolt provided in the following sequence: AN washer, dust seal, bearing, dust seal, bracket.
   9. Adjust the stabilizer link's length so that the bolt hole in the frame bracket and the link bearing are in alignment.
   10. Attach the link bolt in the following sequence: AN washer, bracket, AN washer, dust seal, bearing, dust seal, AN washer, Nyloc.
   11. Tighten the jam nuts.

B. Installing the rear stabilizer.
   1. Depending on the year and model of the motorcycle it may be necessary to remove part of the exhaust system and move the rear master cylinder out of the way.
   2. Remove one of the bolts attaching the rear isolator to the transmission.
   3. Install one of the 3" hex head bolt and lock washer provided from the left side.
   4. Repeat with the other bolt. Then attach cast steel transmission bracket.
   5. Remove the lower isolator to frame bolt.
   6. Install the 1 ½" set screw.
   7. Remove the upper isolator to frame bolt.
   8. Using the socket head bolt and lock washer provided, in the upper hole attach the cast steel frame bracket.
   9. Remove the set screw and install the other socket head bolt and lock washer.
   10. Snug the ¼" screws ageist the frame and tighten the jam nuts.
   11. Repeat the procedure used on the front stabilizer link for the rear link.
   12. On some models it may be necessary to move and zip tie the wiring bundle.
   13. On some models it is necessary to turn the brake banjo fitting.