

# Installation Instructions

## PN # 109

### Wing Strut



On FXR type frames the upper shock mount passes through the fender strut. It is much easier to do the installation with the bike supported under the frame so that it sets level side to side and with the rear tire just touching the floor. This will take the load off of the rear shocks and make their removal and installation much easier. Keep the shock mounting hardware handy as it will be re-used.

1. Remove one of the existing struts completely and loosen all the fasteners on the other strut partially so that the fender can be moved freely. This will help support the fender as the new Wing Strut is positioned on the bike.
2. **IMPORTANT:** In all cases, it is easiest to get all fasteners started a couple of turns on one strut, beginning with the shock mount and then the frame bolt next to it. Then go to the other strut and start all its fasteners **BEFORE** tightening anything.
3. On the final tightening sequence, it is best to work from side to side tightening the fasteners of each strut evenly. This ensures that the fasteners and parts do not go into bind as they tighten.

**NOTE:** Due to the inconsistencies in Harley frames, on rare occasions it may be necessary to slightly enlarge or oblong the mounting holes on the frame or fender to ease installation.