

Installation Instructions

PN # 107

Softail Wing Struts



You will reuse the 2 front bolts on the outside of each strut so keep them handy. Though it is not necessary, it is much easier to do the installation with the bike supported at the frame to sit level side to side. If the installer has large hands, removing the rear wheel will give better access to the fasteners under the fender.

1. Install the studs into the Wing Struts, short in 2 rear holes (2000 and later frames only require 1), long in the middle 2 holes. Remove one of the existing struts completely and loosen all the bolts on the other strut so that the fender and taillight assembly (bobbed fender models) can be moved freely. This will 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 two front bolts. 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 don't go into bind as they tighten.

Due to 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.

For a clean backrest installation on Softails we recommend using FXR type backrests and side plates mounted between the fender and the struts as on an FXR. It requires oblonging a few of the mounting holes to match the Softail pattern and a small amount of grinding at the bottom of the backrest pockets on the side plates to clear the fender. The completed installation looks great as the lines of the backrest, fender, and Wing Struts flow together really well.