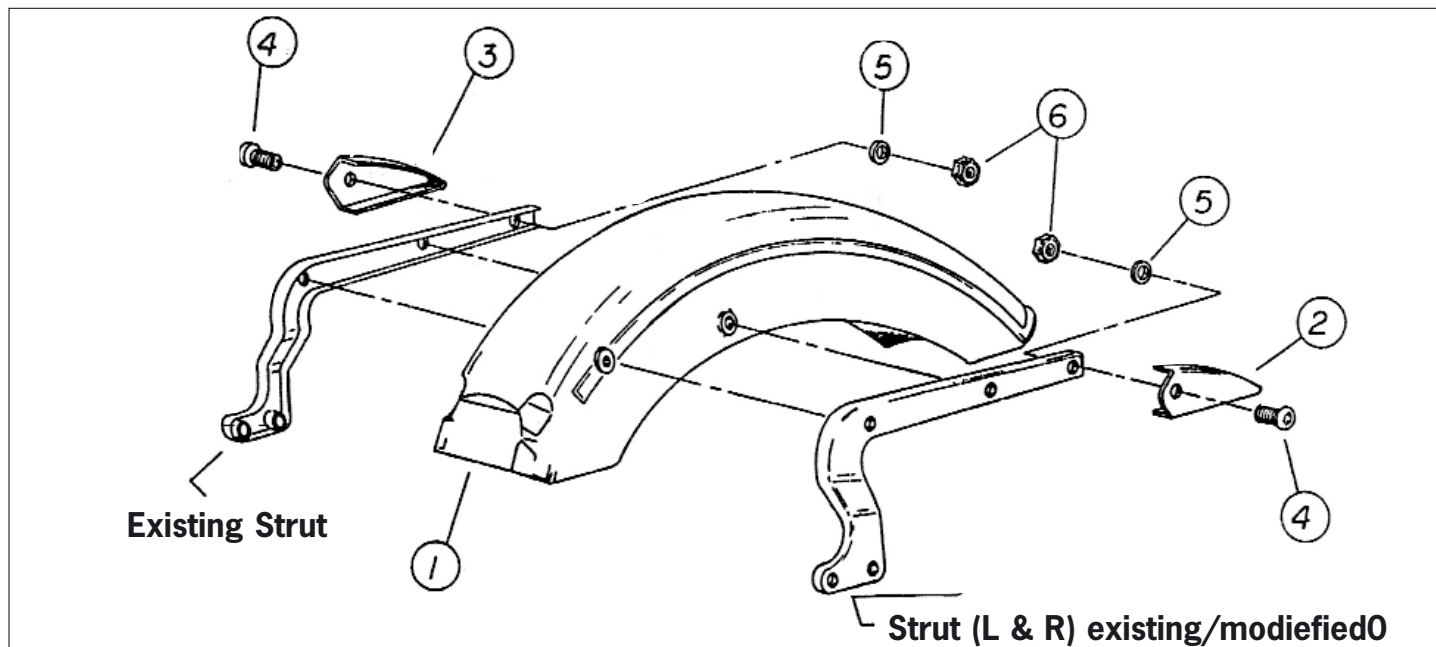




# 090224/090225/090226

## STRUD MODIFICATION AND END CAP INSTALLATION FOR BOBBED SOFTAIL REAR FENDERS



### ZPN 090224 Lowered Softtail fender with light mount

Nr.	Qty.	Description
1	1	Fender shell with light mount
2	1	Strut cap (left)
3	1	Strut cap (right)
4	2	5/16"-18 UNC x 1/2" long Buttonhead Allen
5	2	5/16" Lock Washer
6	2	5/16"-18 UNC Nut

### ZPN 090225 Lowered Softtail fender without light mount

Nr.	Qty.	Description
1	1	Fender shell without light mount
2	1	Strut cap (left)
3	1	Strut cap (right)
4	2	5/16"-18 UNC x 1/2" long Buttonhead Allen
5	2	5/16" Lock Washer
6	2	5/16"-18 UNC Nut

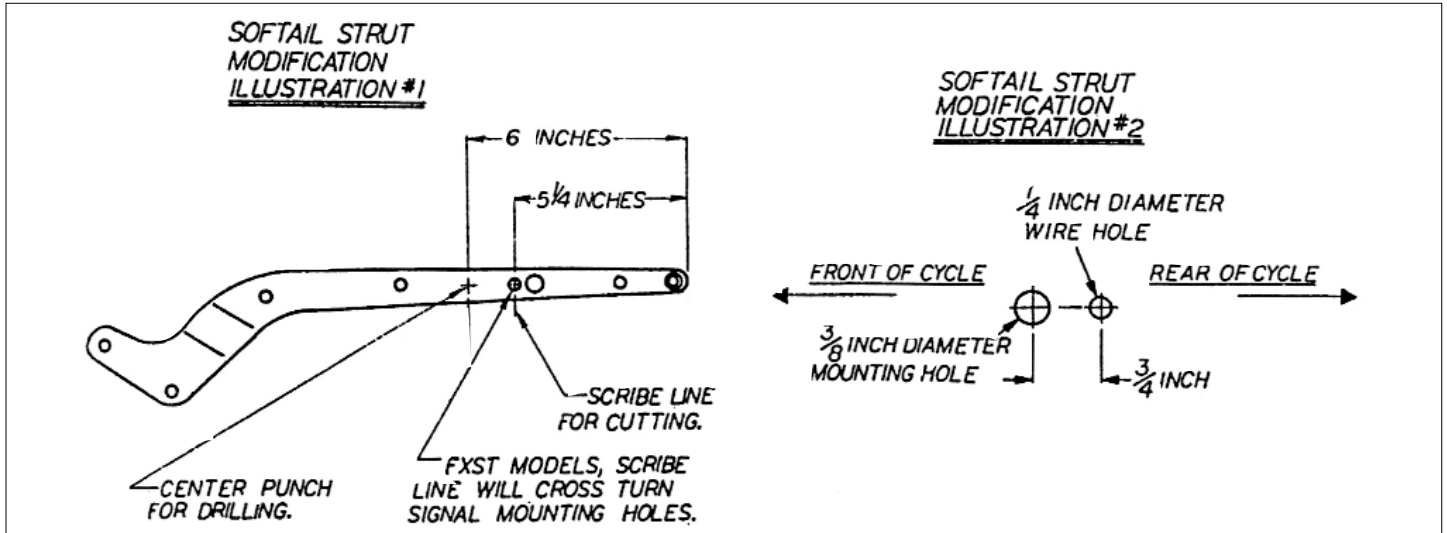
### ZPN 090226 Shortened Strud Cap kit

Nr.	Qty.	Description
2	1	Strut cap (left)
3	1	Strut cap (right)
4	2	5/16"-18 UNC x 1/2" long Buttonhead Allen
5	2	5/16" Lock Washer
6	2	5/16"-18 UNC Nut



# 090224/090225/090226

## STRUD MODIFICATION AND END CAP INSTALLATION FOR BOBBED SOFTAIL REAR FENDERS



**NOTE:** Due to the custom styling of these fenders, they sit lower on the bike than stock fenders. This changes the seat-to-fender radius fitments slightly. Most stock and aftermarket seats will fit and function properly. Some seats with steel bases may cause fitment problems. Install all seats and check fitment before painting fenders.

1. Remove struts from motorcycle retaining all hardware (and turn signals if applicable).
2. Measure 6 inches back from the end of each strut as shown. Place a center punch mark at these locations, centered on the strut width (see illustration #1).
3. Measure back 5 inches from the end of each strut and scribe a line straight across the strut as shown.

**NOTE:** On FXST models, these lines will cross the turn signal mounting holes.

4. Cut the struts off at the scribed 5 inch mark. Deburr all edges.
5. Drill the center punched locations to a final diameter of 11/32 inch, starting with the smaller diameter drills and working up. Deburr these holes both inside and outside.
- 6A. On FXST and FLSTF models, the original turn signals may be maintained by either (see illustration #2):
  1. Drilling a 1/4 inch wire hole through the end cap as shown and enlarging the end cap mounting hole to 3/8 inch diameter in the cap and strut. OR
  2. Drilling the hole pattern shown through the strut where desired.
- 6B. On FLST and FLSTC models the rear turn signals must be replaced with FXST style signals or any other custom signal
7. Using either the supplied buttonhead screws (4) and hardware (5) (6) as shown (see reverse side) or the turn signal mounting bolt (from step 6A), secure the caps to the end of the struts.

**NOTE: Caps may be installed curved up or down as desired**

8. Install the strut and fender per the applicable service manual (see assembly illustration on reverse side).
9. Complete all signal and tail/brake light wiring per applicable service manual.
10. Test all systems before riding.

**NOTE: Use blue Loctite on the first three threads of all hardware.**