

Paul Yaffe's  
Bagger  
Nation

# ★ M18 FAT BOB ★ LIGHT & LICENSE KIT



INSTALL  
INSTRUCTIONS

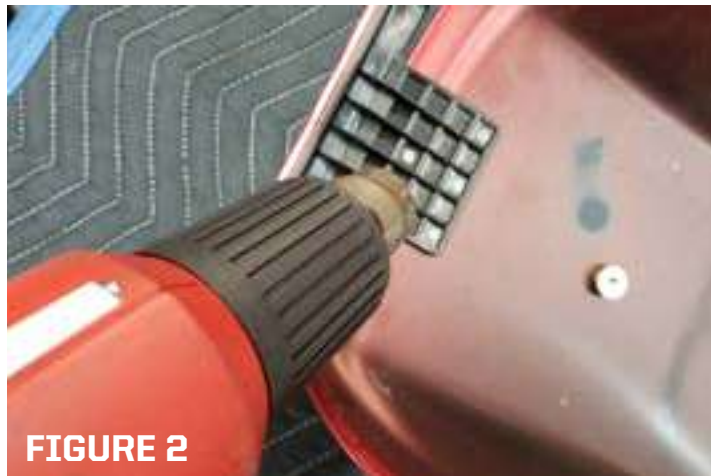


PAUL YAFFE ORIGINALS  
DESIGN & DEVELOPMENT



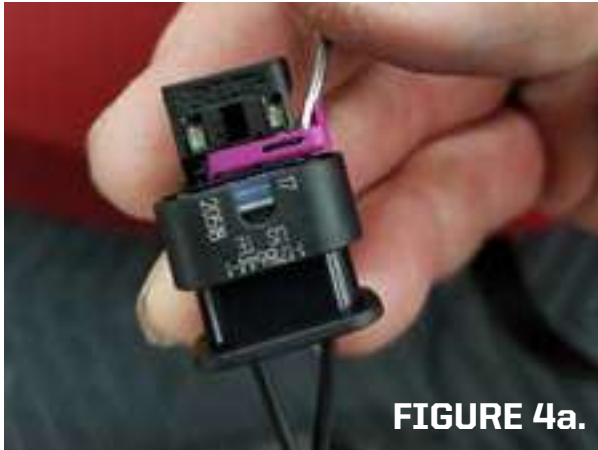
1. Remove Seat.
2. Unplug wire connectors under seat.
3. Loosen Fender to Strut Bolts, T45 2 EA outside, 1 EA inside of each strut.
4. Remove bolts holding struts to frame and remove fender assembly.
5. Lay fender upside down on bench w/ soft covering to protect paint.

6. Use heat gun and warm up reflector to ease removal, remove & discard reflector. (Figure 2)



7. Remove LT Side Strut from fender. This is the side with license plate side mount on. (Figure 3)





**8. Using a small flat blade screw driver unlock secondary lock on license plate wire harness connector. Then with a small pick, raise lock on terminal and remove from connector. Also using a small pick or terminal tool, remove terminals from Gray & Black connectors. (Figure 4a-4d)**



**9. Remove T40 screw from signal, pull wires through strut, using caution with tape holders on strut so you may reuse them. (Figure 5)**

**10. Discard stock plate holder & short t/s standoff.**

**11. Using long t/s standoff Part# 69438-06 remount t/s to strut and run wire back under tape holders on strut. Tighten Lamp.**

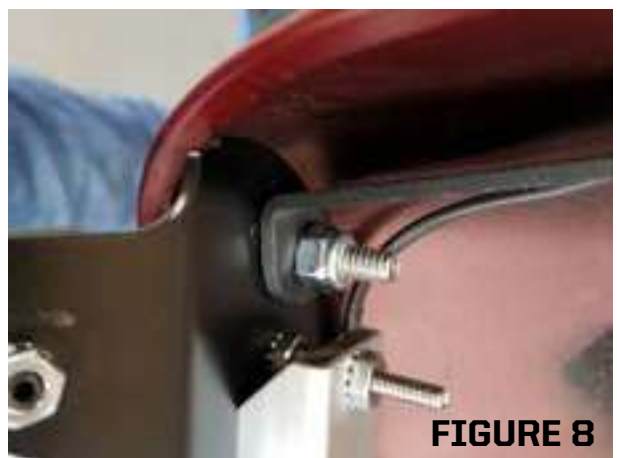
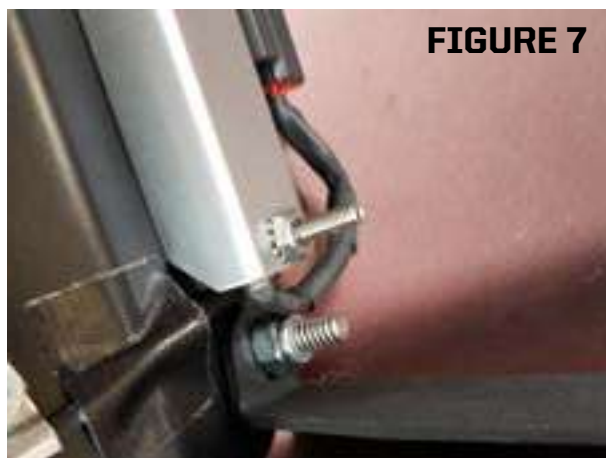


**12.** Remount strut with supplied 3/8"-16 x 1 1/4" button head bolts & reinstall inside fastener. Use blue loctite on each bolt. (Figure 6a.)

**13.** Now remove right side strut from fender.



**14.** Mask off rear of fender in line with mount holes measure 2 1/8" from center of rear strut mount hole & drill 1/4" hole on center line. (Figure 6b.) Deburr edges of hole. (Figure 6c.)



**15.** Pull Chassis harness through hole from inside fender. Leave 7 1/2" of wire inside fender plus connector. (Figure 7)

**16.** Mock up plate frame assy into fender aligning cuts on light frame to fender. secure loosely with the 3/8-16 halfnuts. (Figure 8)



**FIGURE 9a.**

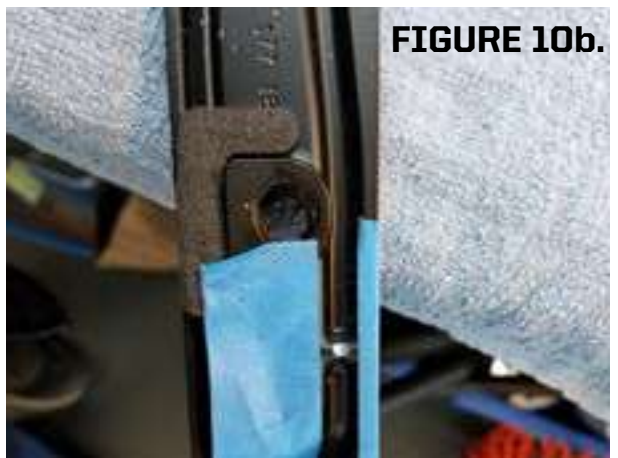


**FIGURE 9b.**

**17. Route Chassis harness above plate frame rail and zip tie to rail.  
(Figure 9a. | 9b.)**



**FIGURE 10a.**



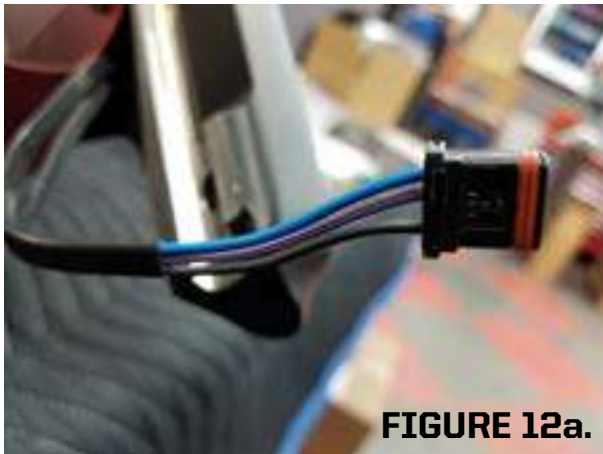
**FIGURE 10b.**

**18. Lay right side strut face down on soft surface and tape off around upper gallery block & clean galley off for license light wire harness. Use a retention HD Part #11100066 to hold harness or you may use black electrical tape. (Figure 10a. | 10b.)**



**FIGURE 11**

**19. Carefully route harness through strut and remount strut to fender using the supplied 3/8"-16x 1 1/4" bolts secure license frame to fender with supplied 3/8"-16 half nuts, tighten all fasteners to fender, also at this time tighten side plates to license frame. (Figure 11)**



20. Reinstall harness and light terminals into connectors using supplied pin positions. Make sure on the 3 pin connector you lock secondary lock. (Figure 12a. | 12b.)
21. Reinstall fender assy on chassis using a little blue loctite and tighten.
22. Reconnect electrical connectors and tie harness back in place. Test lights.

Reinstall seat & Enjoy!



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