

Part Number: HD-XLS-21-TAIL

Description: Rear Fender / Undertail Kit

Fitment: 2021 Harley Davidson Sportster S

Revision: 2



| Tools Required | | Parts List | |
|----------------------|------------------|---|------------------------------|
| Phillips Screwdriver | 10mm Open Wrench | 1 #A01323 Mounting Bracket | 6 6" Zip Ties |
| T-45 Torx Wrench | Wire Cutters | 1 #SP00928 License Plate Kit | 1 #SP00074 3" x 2" Loop Tape |
| T-30 Torx Wrench | | 3 #SP00103 Plastic Washers | |
| T-25 Torx Wrench | | 12 #SP00272 6mm Flat Washers | |
| 5mm Allen Wrench | | 2 #SP00123 1/4" x 20 Nylock Nuts | |
| 4mm Allen Wrench | | 2 #SP00122 1/4" x 20 x 1" Button Head Allen Bolts | |
| | | 2 #SP00248 m8 x m16 Button Head Allen Bolts | |
| | | 2 #SP00699 8mm Flat Washers | |

1. Remove two plastic screws on the wire cover to gain access to the turn signal wire, using a Phillips screwdriver. (Figure 1).



2. Lift up cover (Figure 2), disconnect wire from the wire cover, then unplug the wire harness (Figure 3).



3. Remove the three bolts on the license plate rack, using a T-45 torx wrench (Figure 4).

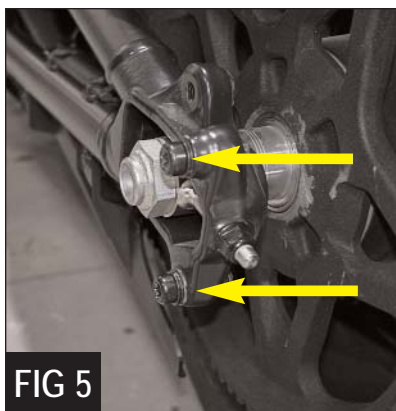


NOTE: It would be helpful to have a second pair of hands to hold onto the license plate rack while removing the three bolts.

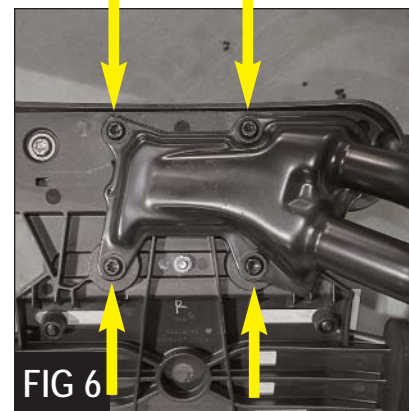
4. Reinstall two bottom bolts (Figure 5) and put the third bolt back on the rack for future use.



5. Remove the four bolts on the license plate rack, using a T-30 torx wrench (Figure 6).



6. Disconnect the wires (Figure 7), then pull the wire out and put the wire aside.



NOTE: It would be a good idea to mark the wires before you disconnect them.

7. Reinstall the four bolts you removed in step 5

8. Remove the three bolts on the tail light housing, using a T-30 torx wrench (Figure 8). Pull off tail light (Figure 9).

FIG 5

FIG 6

9. Remove the bolt on the turn signals (Figure 10), making sure to mark which wires are for the right turn signal (purple) and which wires are for the left turn signal (blue).

10. Place a towel on your work surface to help prevent from scratching your new Corbin undertail.

11. Put the Corbin undertail face down on the towel and then slide the tail light in place (Figure 11).

12. Place the Corbin support bracket onto the inside of the undertail (Figure 12) and then place the stock bolts through the bracket in all three locations and then add the supplied plastic spacers and washers and secure using a T-30 torx wrench (Figure 13). Do not over tighten.

13. Install the turn signals onto the Corbin undertail by putting the wire through the big hole and securing with the stock bolts and supplied washers (Figure 14). Snug into place.

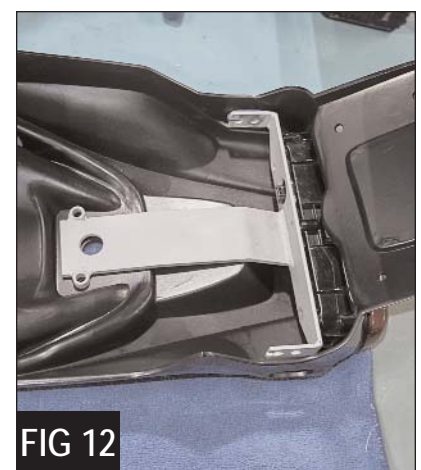
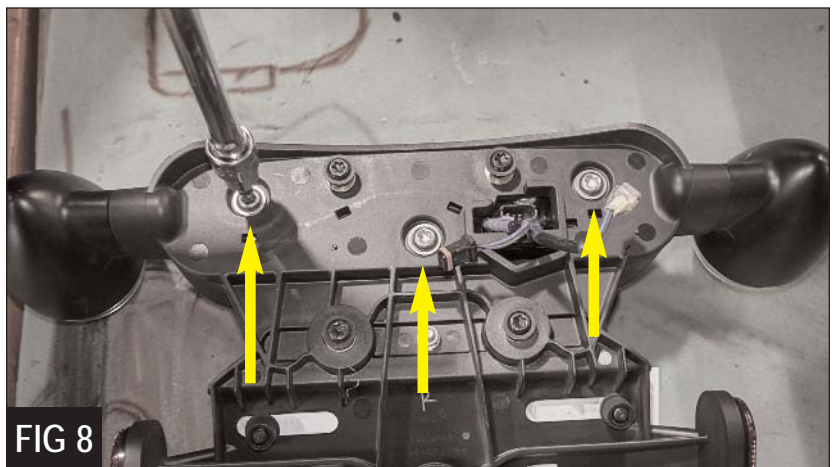
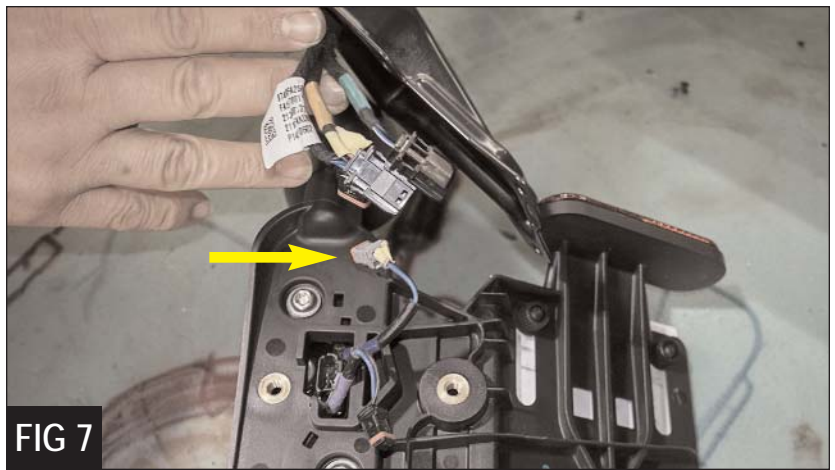
NOTE: The Harley Davidson logo on the turn signals should be in the upright position when installed on the undertail.

14. Connect the turn signal wires onto the harness. Yellow with Blue and Green with Purple (Figure 15). Last plug goes into the license plate light (Figure 16).

15. Zip tie the harness out of the way and route it on the inside of the undertail. Secure in place with loop tape (Figure 17).

16. Install the license plate and license plate frame onto the undertail, using the supplied button head Allen bolts, washers and lock washers (Figure 18).

17. Remove the seat using the OEM key, then unsnap the cowling cap (Figure 19).



18. Remove four bolts on the side panels (two bolts per panel), using a T-25 torx wrench (Figures 20 & 21), then pop off side panels by gently pulling outward.

19. Slide the undertail into place and from underneath, place the supplied 1/4" x 20 x 1" Allen bolts and flat washers up through the undertail and securing with the supplied flat washer and nylock nuts on the top (Figure 22).

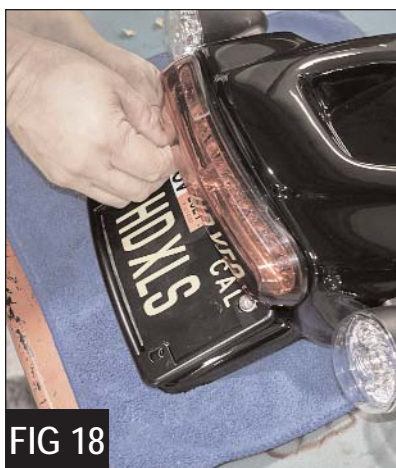
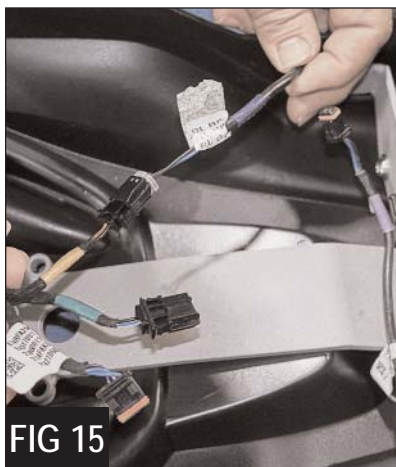
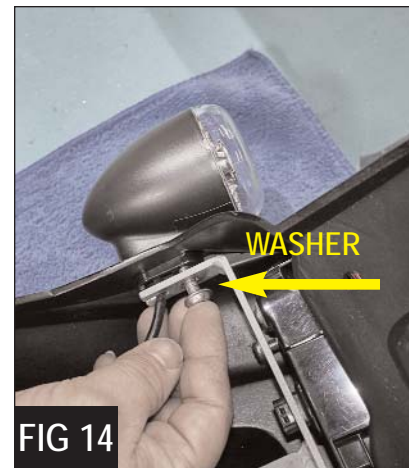
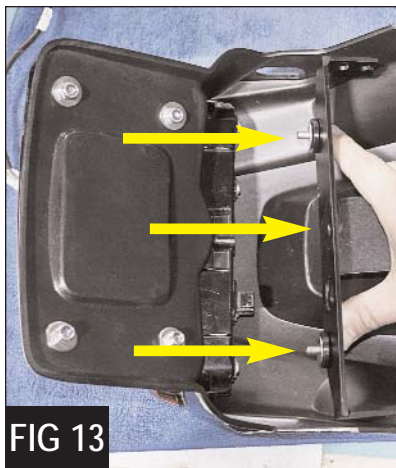
NOTE: It would be helpful to have a second pair of hands to hold onto the undertail while installing it onto the bike.

20. Next, secure the sides of the undertail with the supplied 8mm Allen bolts and flat washers (Figure 23).

21. Pop off side cover (Figure 24).

22. Pull out the harness from the side of the undertail and zip tie in place (Figure 25). Then route the harness down the side of the subframe and behind the fuse box (Figure 26). Here you will find the other end of the brake light wire extension. Unplug the extension and plug in the undertail harness to this plug. You can now remove or secure the unused extension harness.

23. Reinstall the side covers, cowling cap and seat.



Questions? Give us a holler...
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