

Part Number: HD-XLS-21-TAIL

Description: Rear Fender / Undertail Kit

Fitment: 2021 Harley Davidson Sportster S

Revision: 8



Tools Required	Parts List	
Phillips Screwdriver	1 #A01323 Mounting Bracket	5 #SP00997 1/4" x 20 x 3/4" Button Head Allen Bolts
T-45 Torx Wrench	1 #SP00928 License Plate Kit	6 6" Zip Ties
T-30 Torx Wrench	3 #SP00103 Plastic Spacers	1 #SP00074 3" x 2" Loop Tape
T-25 Torx Wrench	12 #SP01080 Flat Washers	3 #SP00684 6 x 40 Allen Bolts
5mm Allen Wrench	7 #SP00123 1/4" x 20 Nylock Nuts	
4mm Allen Wrench	2 #SP00122 1/4" x 20 x 1" Button Head Allen Bolts	
10mm Open Wrench	2 #SP02583 m8 x m16 x 1.0 Socket Cap Bolts	
Wire Cutters	2 #SP00699 8mm Flat Washers	

NOTE: A few of the pictures are shown with a slightly different bracket. Refer to *Figure 12* to see the revised mounting bracket.

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



FIG 1

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



FIG 2

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



FIG 3

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.



FIG 4

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

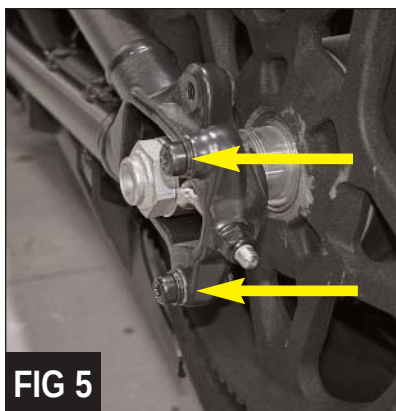


FIG 5

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

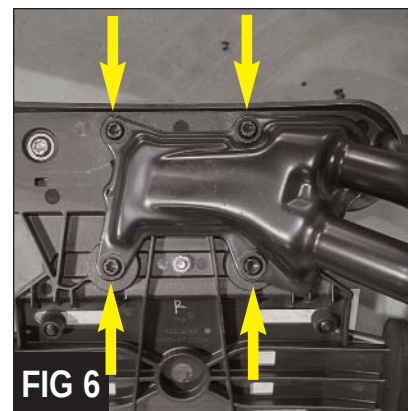


FIG 6

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*).

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.

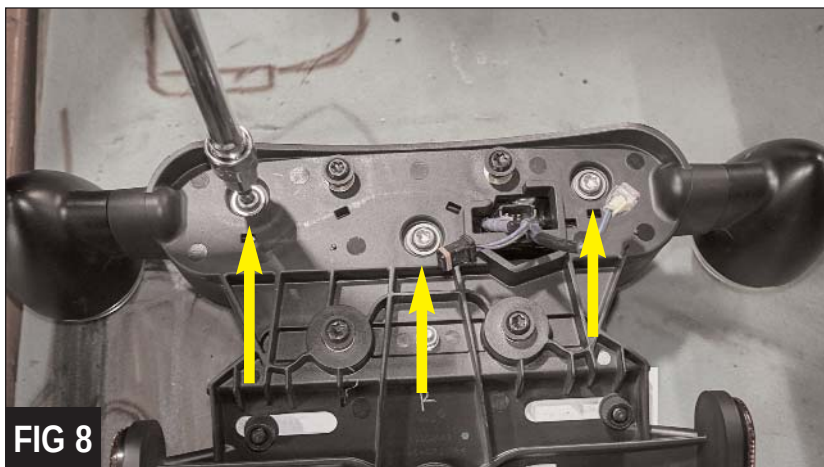
NOTE: Use the supplied 6 x 40 Allen bolts if the H-D seat spacer is used.

13. Next secure the tongue part of the bracket to the ABS license plate holder. Do this by placing the supplied 1/4" x 20 x 3/4" button head Allen bolt and flat washer, up through the hole on the reverse side (*Figure 14*) and through the hole in the tongue and secure with a nylock nut (*Figure 15*).

14. 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 16*). Snug into place.

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

15. Connect the turn signal wires onto the harness. Yellow with Blue and Green with Purple (*Figure 17*). Last plug goes into the license plate light (*Figure 18*).



16 Zip tie the harness out of the way and route it on the inside of the undertail. Secure in place with loop tape (Figure 19).

17. Install the license plate and license plate frame onto the undertail, using the supplied button head Allen bolts, washers and nylock nuts (Figure 20).

18. Remove the seat using the OEM key, then unsnap the cowling cap (Figure 21).

19. Remove four bolts on the side panels (two bolts per panel), using a T-25 torx wrench (Figures 22 & 23), then pop off side panels by gently pulling outward.

20. 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 24).

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

21. Next, secure the sides of the undertail with the supplied 8mm Allen bolts and flat washers (Figure 25).

22. Pop off side cover (Figure 26).

23. Pull out the harness from the side of the undertail and zip tie in place (Figure 27). Then route the harness down the side of the subframe and behind the fuse box (Figure 28). 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 (Figure 29). You can now remove or secure the unused extension harness.

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

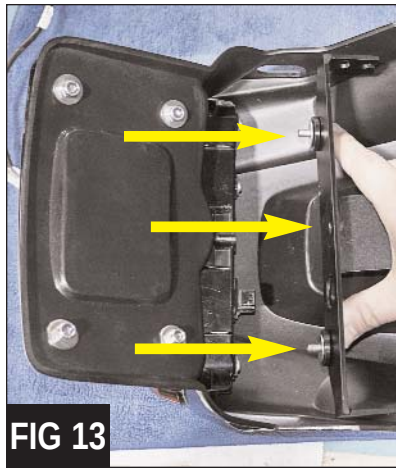


FIG 13



FIG 14



FIG 15

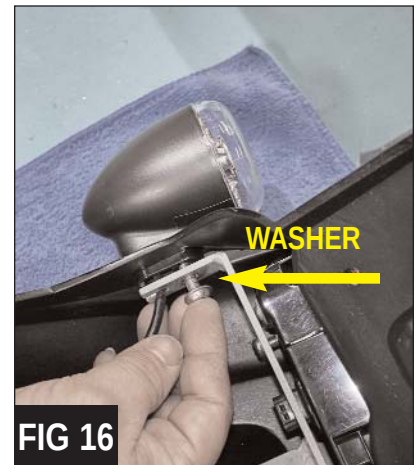


FIG 16

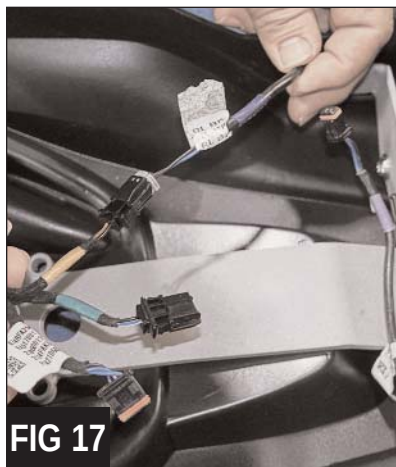


FIG 17



FIG 18



FIG 19

Questions? Give us a holler...
800-223-4332
tech@corbin.com



FIG 20



FIG 21

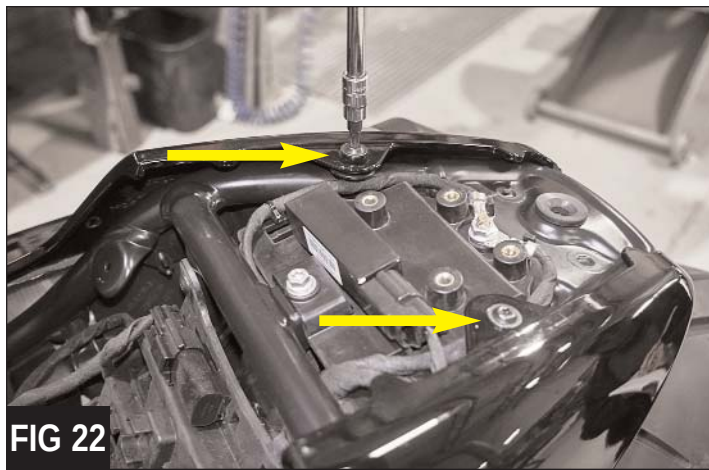


FIG 22

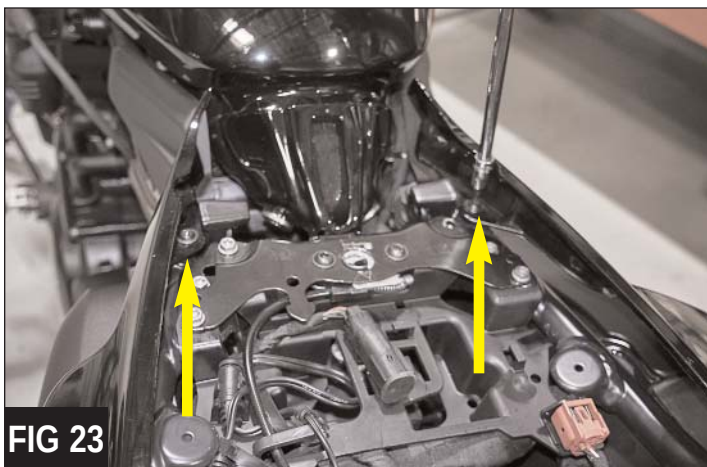


FIG 23



FIG 24



FIG 25



FIG 26

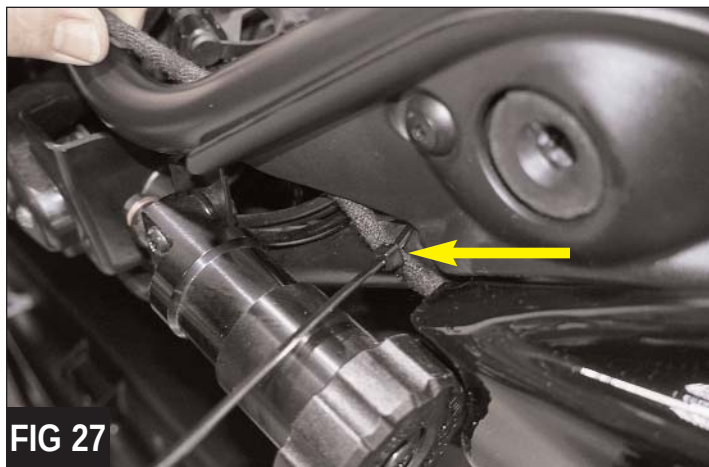


FIG 27

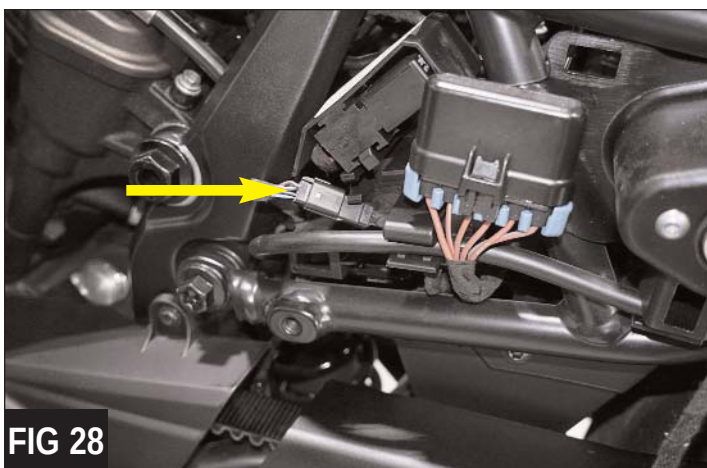


FIG 28



FIG 29

HD-XLS-21-TAIL

SEND WITH TAIL



SP0074	2" x 3" soft velcro adhesive loop
QTY (1)	

SP00103	1/8 plastic washer black finish
QTY (3)	

SP01080	6m washer zinc finish
QTY (12)	

SP00122	1/4 x 20 x 1 btn head allen zinc finish
QTY (2)	

SP00123	1/4 x 20 nylock nuts zinc finish
QTY (7)	

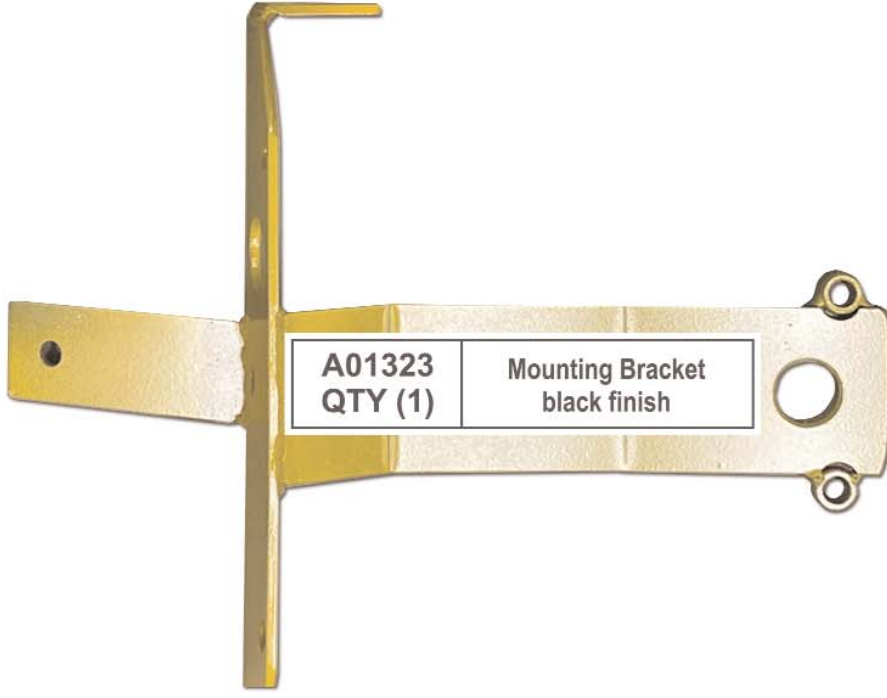
QTY (7)	8" zip ties
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SP00699	m8 flat washer zinc finish
QTY (2)	

SP02583	m8 x m16 x 1 socket cap zinc finish
QTY (2)	

SP00997	1/4 x 20 x 3/4 btn head allen zinc finish
QTY (5)	

SP00176	Large fender washer zinc finish
QTY (1)	



A01323	Mounting Bracket black finish
QTY (1)	



SP00460	License Plate Frame black finish
QTY (1)	