

# INSTALLATION INSTRUCTIONS

## DRAG SPECIALTIES TURN SIGNAL RELOCATION KIT FOR 04-12 XL MODELS P/N 2020-0409

### ATTENTION INSTALLER (if other than owner):

Please forward this Instruction Sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.

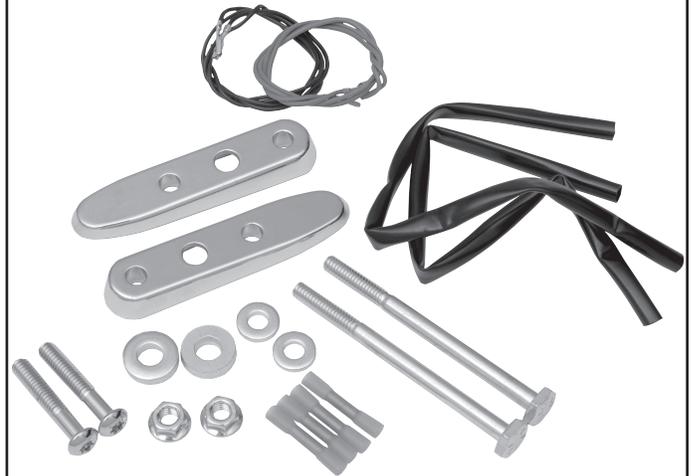
**INTRODUCTION:** These instructions describe the procedure for properly installing the turn signal kit on 2004 to 2012 XL Sportster models. Review the instructions carefully before beginning, as they contain important information. Please retain for future reference.

Particularly important information is distinguished in these instructions by the following notations.

**NOTE: A NOTE** provides key information to make procedures easier or clearer.

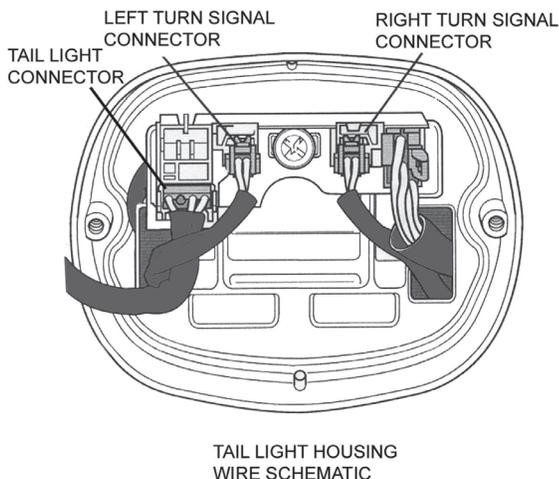
**CAUTION: A CAUTION** indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

**WARNING!: A WARNING** indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.



### PROCEDURE:

1. Remove the seat and disconnect the battery, negative cable first.
2. Remove the sissy bar and the side plates, if so equipped.
3. Properly support the motorcycle under the frame to prepare for removal of right and left shocks.
4. With the rear fender and frame securely supported, back out the upper shock mounting bolt enough to allow the shock stud cover to slide outward so the fender support cover can be removed.
5. Remove the tail lamp lens from the base on the rear fender.
6. Remove the turn signal connectors from the rear circuit board by depressing the locks.



7. Remove the terminals from the connector blocks.

**NOTE:** Perform the following procedures one side at a time.

**NOTE:** Use of a SNAP-ON terminal pick will make the terminal removal easier.

8. Remove the turn signal mounting bolts from the inside of rear fender.
9. Pull the turn signal wire harnesses from the taillight base and unclip from the wire retention brackets.

**NOTE:** Make note of how the wires are run for re-assembly.

10. Remove the rear strut covers along with the turn signals from the rear fender struts.
11. Remove the turn signal housing and mount from the strut cover.
12. Remove the stock 5/16"-18 rear turn signal stud with a deep-well socket from the fender support cover and the turn signal housing. Discard the stud.
13. Take note of how the rear turn signal wire is routed on the inside of the fender support cover (for later rerouting) and untape the wire from fender support cover.
14. Using a small piece of tape, tack the thick spacer from the kit between the rear strut and the fender support cover. Insert the button head screw removed earlier through the fender support cover hole from where the stock rear turn signal support was removed.

**CAUTION:** Use caution not to scratch the chrome surface of turn signal when removing the bulb assembly.

15. Remove the lens from the rear turn signal. Remove the bulb from the rear turn signal and gently pry the bulb assembly from turn signal housing using a flat blade screwdriver. Retain all parts for reassembly.



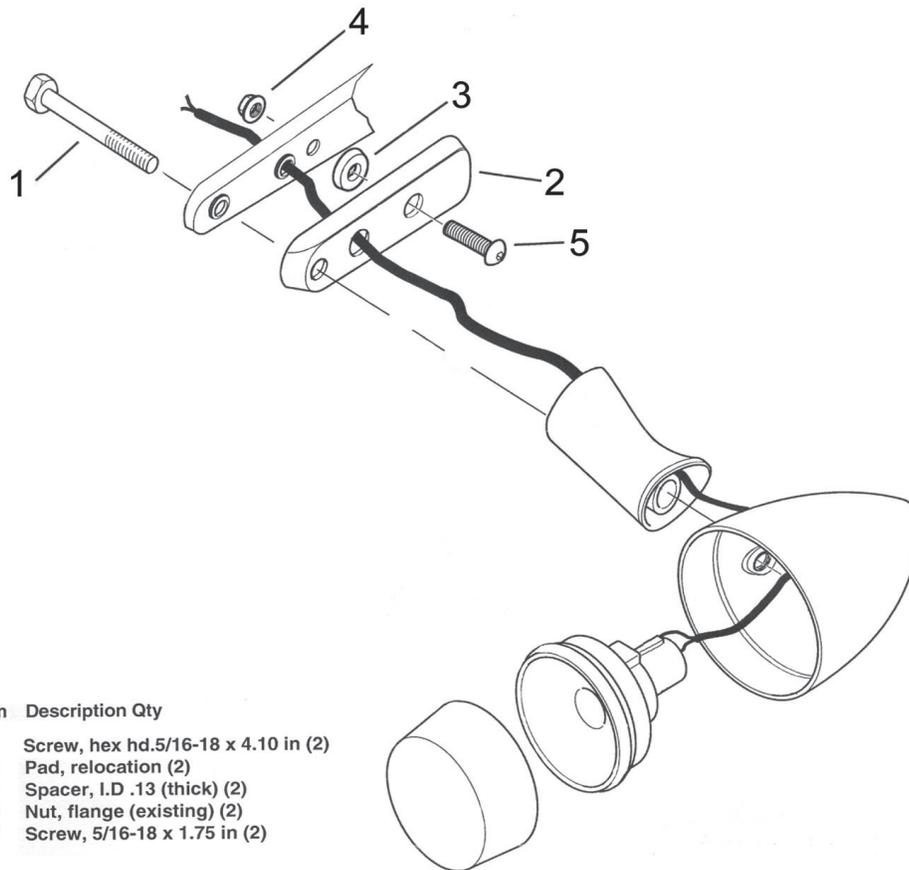
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**NOTE:** The following Step #16 is only for models that have a sissy bar. If your bike does not have a sissy bar, skip Step #16 and proceed directly to Step #17.

16. Place the fender support cover over the fender support. Reinstall the sissy bar side plate over the cover and loosely secure using original hardware.
17. Insert the mounting screw into the hole from the inside of the fender out through the rear hole at the narrow end of the relocation bracket. Place the thread locking compound (blue) on the exterior threads of the mounting screw. Slide the turn signal stalk and the housing on the mounting screw and thread the mounting screw into the turn signal housing and tighten. With a  $\frac{5}{8}$ " box-end wrench tighten the screw, while holding turn signal housing in the proper location to 132-216 in.-lbs.
18. Insert the lamp wire through the center hole in the relocation bracket, along the channel on the inside of the bracket and through the second hole from the rear in the fender support cover and through the second hole from the end of the fender strut. Firmly pull the lamp wire through the fender strut to remove any excess wire. Coat the rubber bulb assembly isolator with a suitable lubricant. Press the light bulb assembly evenly into the turn signal housing until seated below lens cover groove.
19. Install the button head screw from the kit through the forward-most holes of the relocation bracket, fender support cover, thick spacer (taped to frame) and fender strut. Reinstall using original nut.
20. Tighten the button head screws to 132-216 in.-lbs.
21. Reinstall the bulb and the rear turn signal lens.
22. Torque the upper shock mounting bolt to 45-50 ft.-lbs.
23. Repeat Steps 3-16 for the opposite side of the vehicle.
24. Reconnect the battery (positive cable first) and test the rear turn signals for proper operation.
25. Reinstall the seat.

**WARNING!** Before operating the motorcycle, be sure all hardware is tight.



Item	Description	Qty
1	Screw, hex hd.5/16-18 x 4.10 in	(2)
2	Pad, relocation	(2)
3	Spacer, I.D .13 (thick)	(2)
4	Nut, flange (existing)	(2)
5	Screw, 5/16-18 x 1.75 in	(2)



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