INSTRUCTIONS

-J00429 REV. 11-25-97

Kit Number 68396-95

SADDLEBAG BRACKETRY AND TURN SIGNAL RELOCATION KIT

General

⚠WARNING

- **Additional weight can affect a motorcycle's stability, handling characteristics, and safe operating speed. The rider must be responsible for safe operation of the motorcycle when carrying additional weight. The following guideline should be used when equipping a motorcycle with saddlebags and carrying passengers and cargo.**
- **Do not exceed 15 (6.8Kg) pounds maximum load in each saddlebag. Improper loading can cause vehicle handling problems, leading to personal injury.**

This saddlebag bracketry and turn signal relocation kit is designed for installation on all 1984 and later Softail models except the FLSTF and FLSTN. See Service Parts for kit contents.

⚠CAUTION

This kit is not designed for and should not be used on the FLSTF or FLSTN models, because the right saddlebag bracket will interfere with the rear cylinder muffler.

Installation

RELOCATE TURN SIGNALS

1. Remove sissy bar and sideplate assembly, if equipped.
2. Remove seat.
3. Locate the black and the violet/brown rear turn signal wires under the seat and cut them.
4. Reach under fender and locate harness connected by fender clips to rear directional light. Bend fender clips and pull harness out of clips.

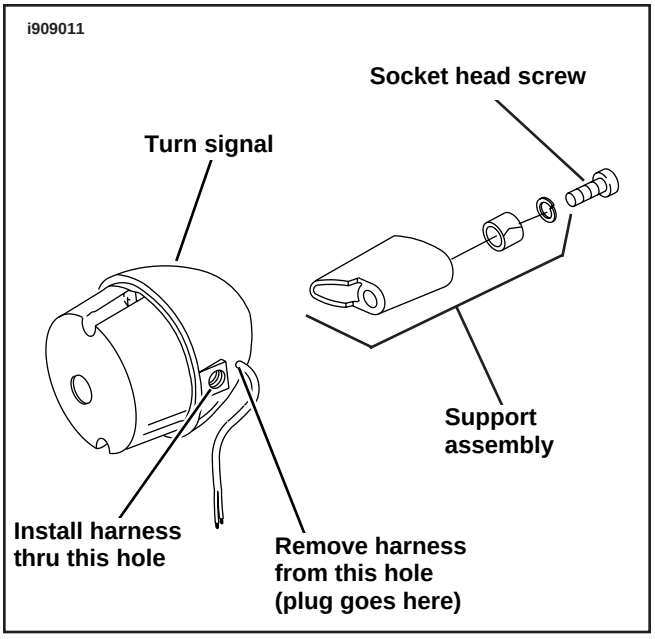


Figure 1. Rear Turn Signal Assembly (Turn Signal rotated 90° To Show Harness Holes)

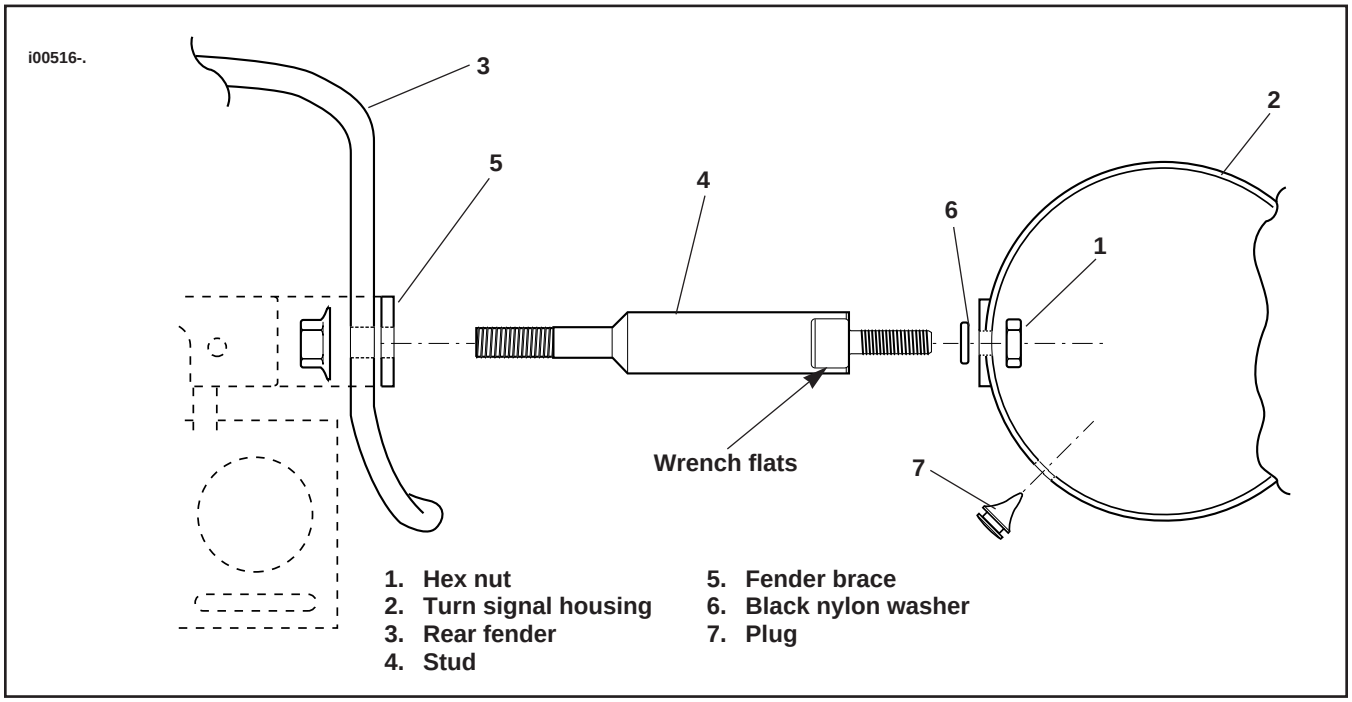


Figure 2. Turn Signal Mounting

5. Remove and retain conduit.
6. Remove directional light from fender support.
   a. Remove Phillips screw from the rear hole in fender brace and discard. Loosen acorn nuts that mount fender to fender brace.
   b. See Figure 1. Place hex head wrench between fender and fender brace. Loosen and remove socket head screw holding turn signal and support assembly to fender brace.
   c. See Figure 1. Remove turn signal. Pull turn signal harness from fender. Retain turn signal, discard support assembly. Tighten acorn nuts (loosened in step 6 a.) to 21-27 ft-lbs.
7. Remove turn signal lens and bulb.
8. See Figure 2. Pull harness into the turn signal housing.
9. Route harness through thin hex nut (1) and back through hole in side of turn signal housing (2).
10. Screw stud (4) through fender brace hole into the welded jam nut inside the tail lamp/license plate bracket. Tighten stud to 21-27 ft-lbs.
11. Place the black nylon washer (6) over stud (4).
12. Route turn signal wires through nut (1), then back through turn signal housing and finally through stud (4).

NOTE

Conduit provided in kit does not get routed through the turn signal stud (4).

13. Put Loctite 242 (blue) on stud threads. Screw turn signal onto stud until turn signal just makes contact with nylon washer (6). Continue to rotate turn signal only the amount required to orient it to the proper perspective.

⚠CAUTION

If the turn signal is over tightened, the nylon washer (6) will be damaged and need replacement.

14. Put Loctite 242 (blue) on threads of stalk (4) inside turn signal. Install hex nut (1) and tighten hex nut to 12-15 ft-lbs.
15. Install plug (7) in old turn signal housing harness hole.

INSTALL BUTT SPLICES

NOTE

Because the turn signals have been relocated to rear of fender brace, splice an additional length of wire onto the black and violet turn signal wires.

1. Strip a 3/8 in. section of insulation from both ends of the black and violet wires from kit.
2. Slip the small conduit from the kit over the black and violet wires from the kit.

NOTE

See step 3, below. The 1-3/4 in. section removed from the black wire allows the black and violet wires' butt connectors to be staggered. Staggering the butt splices allows the butt splice connectors to be pulled into the conduit.

3. Place the original conduit over wires connected to directional light. Trim end approximately 1 in. from end of original conduit.
4. Cut 1-3/4 in. off black wire and strip 3/8 in. insulation off both wires. Leave wire ends exposed.
5. See Figure 3. Insert directional light wires and the wires prepared in step 3 into opposite ends of the butt splice connector. Connect black to black and violet to violet/brown.
6. Match the color of the butt splice connector with the color of the crimp cavity of the crimping tool. Using a H-D 38125-8 crimping tool, crimp wires into the connector.

⚠WARNING

- **Use extreme caution when operating the UltraTorch UT-100 or any other radiant heating device. Read the manufacturer's instructions carefully before using the tool. Improper tool handling can result in personal injury and/or vehicle damage.**
- **Always keep hands away from tool tip area and heat shrink attachment.**
- **Avoid directing the heat toward any fuel system component. Extreme heat can cause fuel ignition/explosion.**
- **Avoid directing heat toward any electrical system component other than the connectors on which heat shrink work is being performed.**
- **Be sure to turn the "ON/OFF" switch to the "OFF" position after use.**

7. See Figure 3. Using the UltraTorch UT-100 (H-D 39969), Robinair Heat Gun (H-D 25070) with Heatshrink Attachment (H-D 41183) or other suitable radiant heating device, heat the crimped splice to encapsulate the butt splice connection. Apply heat from the center of the crimp out to each end until the meltable sealant exudes out of both ends of the connector.

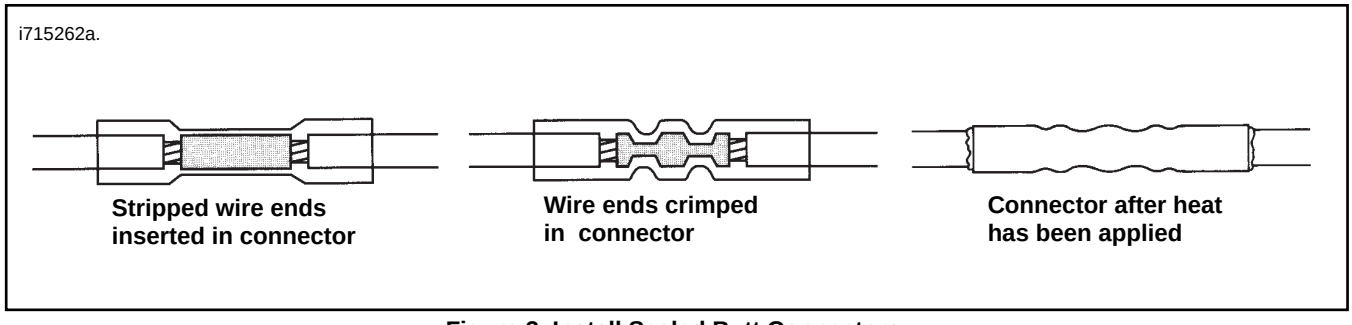


Figure 3. Install Sealed Butt Connectors

8. Connect the wires added in step 5 to the wires you cut under the seat, using butt splice connectors. Connect black to black and violet to violet/brown.

9. Crimp and heat by repeating steps 5, 6 and 7

10. Pull conduit installed in step 4 to cover all wiring and splices. Secure kit conduit to original conduit with cable straps.

11. Route harnesses through fender clips and bend clips back into position.

INSTALLING BRACKETS

1. See Figure 4. Remove bolts (1), washers (2) and nuts (3). If you have a 1989 and earlier Heritage Softail Classic, remove the saddlebags, saddlebag support brackets and appropriate fastening hardware.

2. Remove passenger footrest/support assembly from motorcycle (not shown). Discard only the mounting bolt.

3. See Service Parts illustration. Place the spacer studs (21) in the fender support bracket holes and install the washers (11) and locknuts (18). Tighten nuts securely.

4. Install five grommets (2) into saddlebag support bracket. Install two T-spacers (8) into top holes in support bracket and into grommets, from the backside of the support.

5. Install three threaded T-nuts (19) in backside of grommets (2) where saddlebag is to be mounted to support bracket.

6. Place saddlebag support bracket in position on the spacer studs (21) and install bolts (5) and flatwashers (13). Tighten bolts to 15-19 ft-lbs.

7. Thread rubber isolator (22) onto saddlebag lower support (20). Tighten securely.

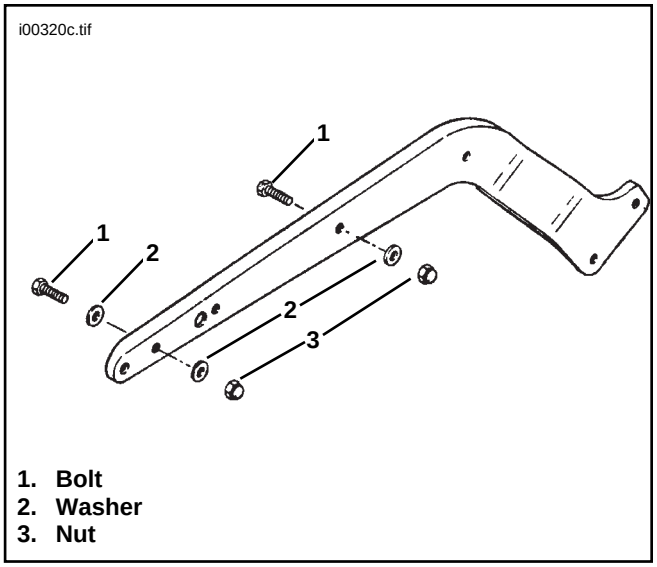
8. Insert stud from rubber isolator through front lower hole in saddlebag support bracket as shown. Place flatwasher (12) over end of isolator stud on outboard side of bracket. Loosely secure with acorn nut (16).

⚠WARNING

Be sure to install the passenger footrests so they fold up and back at a 45° angle. The operator or passenger could be injured if pegs do not fold properly.

9. Insert new hex socket head screw (4) with original lockwasher through holes in frame and saddlebag lower support, and into passenger footrest/support assembly (not shown). Tighten screw to 25-30 ft-lbs.

10. Final tighten acorn nut (16) to 16-20 ft-lbs.



1. Bolt
2. Washer
3. Nut

Figure 4. Fender Support Bracket

11. Using bolts (3) and flatwashers (10) (3 per side) secure saddlebag to saddlebag support bracket.

12. There are tabs on the supports that project through the backs of the saddlebags. These tabs are provided so you may use a padlock to discourage theft of the saddlebags. If you do not use a padlock, install cotter rings from kit on each tab.

13. Repeat Steps 1 - 12 for opposite side of vehicle.

14. Install seat and check turn signals and taillight operation.

⚠WARNING

- **After installing seat, pull upward on front of seat to be sure it is locked in position. If seat is loose, it could shift position during vehicle operation and startle the rider, causing loss of control and personal injury.**

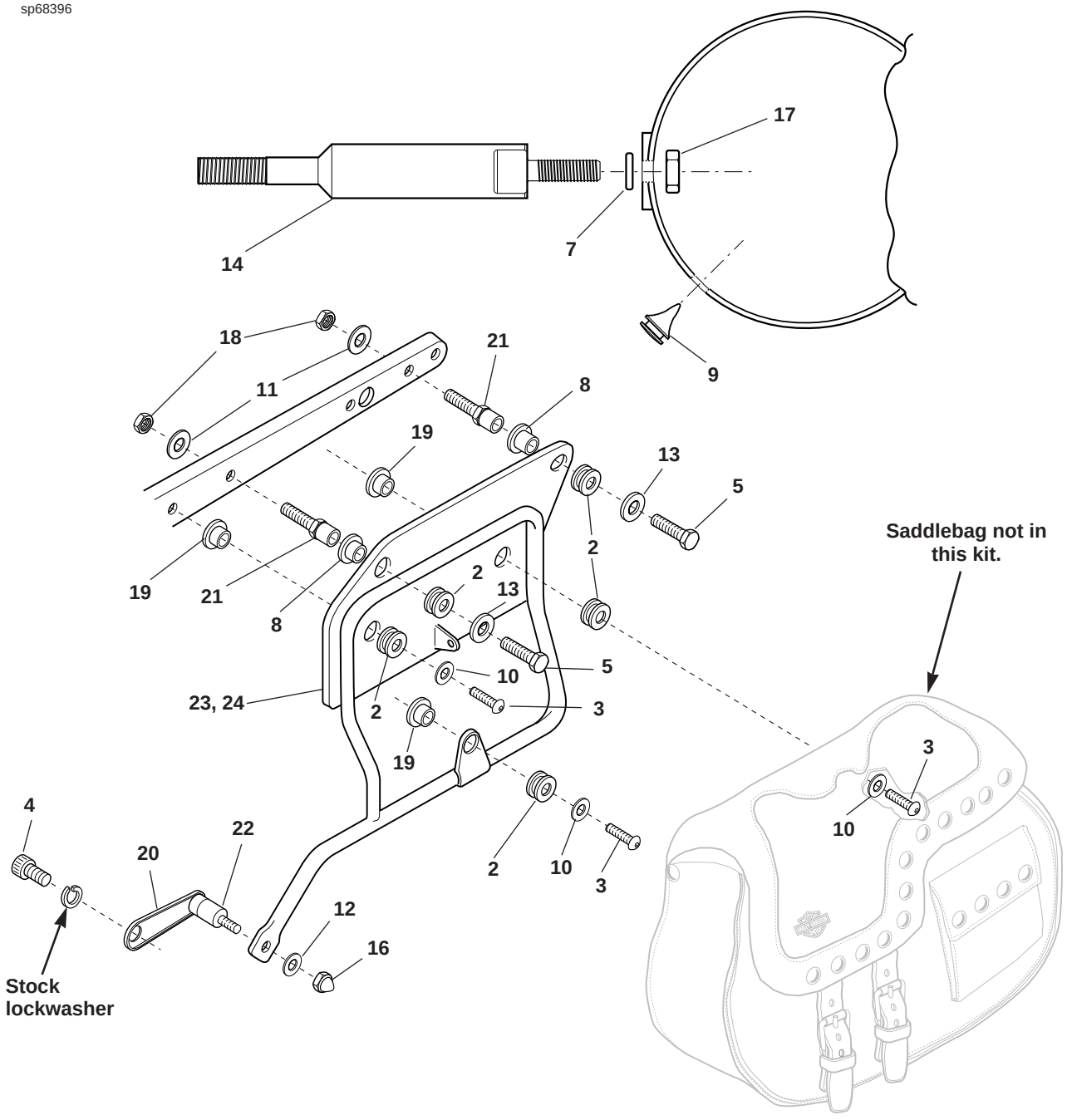
- **Check the operation of the turn signals and taillight before operating the vehicle. If turn signal or taillight are not functioning properly, recheck all connections. If turn signals or taillights are not operating properly while rider is turning or stopping, other drivers cannot anticipate turning and stopping maneuvers. This could lead to vehicle damage or personal injury.**

Service Parts

Part No.68396-95 | Date 11/97

Saddlebag Bracketry & Turn Signal Reloc.

sp68396



ITEM	DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
1	Cable strap (2) (not shown)	10065	13	Washer (4)	6788
2	Grommet (10)	11473	14	Stud, rear turn signal (2)	68500-95
3	Screw, pan head (6)	2602	15	Butt splice connector (8) (not shown)	70585-93
4	Screw, socket head (2)	3549A	16	Nut, acorn (2)	7507
5	Capscrew (4)	4017	17	Nut, jam (2)	7744
6	Cotter, circle (2) (not shown)	51923-86	18	Locknut (4)	7778
7	Washer, flat, plastic (2)	54319-85	19	T-nut (6)	7868
8	Spacer, stud (4)	5787	20	Saddlebag support, lower, front (2)	90346-94
9	Plug (2)	58758-93	21	Support, upper (4)	90361-94
10	Washer (6)	6235	22	Isolation mount	90473-94
11	Washer (4)	6701	23	Saddlebag support, right	90785-94
12	Washer (2)	6702	24	Saddlebag support, left	90787-94