



**INSTALLATION INSTRUCTIONS**  
**SADDLEBAG SUPPORT**  
**For 1991-2005 DYNA™ models**  
Mfg. p/n 110870  
(See pkg. label for Dist. p/n)

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

Please forward this instruction sheet and the warranty card to the purchaser of this product. These instructions also contain valuable information necessary to the end user.

**INTRODUCTION:**

These instructions describe the procedure for properly installing KHROME WERKS® Saddlebag Supports on 1991-2005 Dyna™ FXD and FXDWG models. Review 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 or accessories.

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

**TOOLS REQUIRED:**

- |                            |                             |
|----------------------------|-----------------------------|
| 1 . 7/32+hex key wrench    | 1 . 9/16+socket             |
| 1 . 5/32+hex key wrench    | 1 . Ratchet wrench          |
| 2 . 3/4+combination wrench | 1 . #1 Phillips screwdriver |
| 1 . 3/4+socket             | 1 . Wire cutter             |

**PROCEDURE:**

**WARNING:** Disconnect battery cable (negative cable first) to prevent short circuits before performing any of the following procedures.

1. **ALL MODELS:** Remove sissy bar upright (if installed) and seat. **2002-05 FXD models:** Remove and discard turn signals. Replace with H-D turn signal #68425-01 (2) or #69092-00 (2). **2000-01 FXDX models:** Require separate hardware kit, H-D 90272-00, or thin heads of the four (4) 3/8+16 x 2+bolts to .175+thick (to clear tire).

2. **1993-95 FXDWG models:** Support motorcycle with jack so that rear wheel is lifted just off the ground.

**NOTE: (ALL models)** From this point on it is best to work one side of the bike, then repeat these steps for opposite side of bike.

3. **1993-05 FXDWG models:** Remove four fender strut screws.

4. **1993-95 FXDWG models:** Remove shock, following instructions in appropriate service manual.

5. **1993-95 FXDWG models:** Remove rear shock stud from frame.

6. **ALL models:** Remove lens from rear directional housing. See service manual for 2001 and later procedure. Remove bulb from directional housing socket.

7. **1993-98 models:** Trace directional wire routing along inside of strut or fender. Remove cable strap located on top side of rear fender near the rubber grommet. Gently pull wire rearward along fender or strut to allow for additional length of wire within directional housing. Cut wire within directional housing about

3/4+away from the point where the wire enters directional housing support. Remove wire from directional housing.

8. **1993-95 FXDWG models:** Remove fender strut and rear directional from motorcycle. Save hardware.

9. **ALL models: 1993-95 FXDWG:** Remove rear directional housing unit from strut. On **1991-92 FXD models**, remove directional housing by turning counterclockwise, then remove directional housing support. On **1993-05 FXD and 1996-05 FXDWG models**, remove the bolt from inside fender (you might need to jack rear of bike up to remove bolt). Save all flat washers. Discard directional housing supports and other hardware.

10. **1993-05 FXDWG and 1993-05 FXD models:** Install chrome plug (Item 1) in fender strut hole used for turn signal wire. Locate rubber plug (Item 2) and plug hole in rear directional housing from which wire previously existed housing.

11. **1991-95 FXD models:** Remove button head screw and flat washer from middle of right rear fender support. Discard screw and washer. On **ALL 1996-99** models, there is a lock nut to be removed inside of fender; save for later use.

12. **ALL models:** Install turn signal spacer (Item 3 for all FXD, 96 and later FXDWG, Item 4 for 93-95 FXDWG) and chrome lock washer (Item 5) onto short threaded end or rear turn signal stud (Item 6) from kit. Screw threaded stud into rear directional housing. Tighten securely, taking care to avoid scratching or marring the finish of the signal components.

13. **1999 and later models:** Remove left and right turn signal 2-pin connectors from circuit board (inside rear tail lamp). Following instructions in service manual, remove left and right turn signal wiring from connectors. Remove the conduit from the turn signal wires. Thread wires from inside the directional housing through the new turn signal stud (silicone spray facilitates this step). Install conduit and new terminal ends, reroute and plug into tail lamp circuit board.

14. **1993-95 FXDWG models:** Remove 2+of conduit from end of wire, do not cut wire insulation. Place 3/8+hex lock nut (Item 7) from kit onto wire, then the OEM flat washer (Item 11) removed in step 9. Thread wire through backside of fender strut into saddlebag support (Item 8), and continue through directional stud (Item 6) into directional housing (Item 10).

15. **1991-05 FXD and 1996-05 FXDWG models:** Position proper side saddlebag support from kit to rear fender support. Insert long threaded end of turn signal stud (Item 6) and assembly through rear mounting hole in saddlebag support, rear fender support and rear fender. Install original flat washer and new lock nut from kit (Item 7) finger-tight onto turn signal stud underneath fender.

16. **1991-95 FXD models:** Insert one 3/8+16 button head screw (Item 9) from kit through front mounting hole in saddlebag support, rear fender support, sissy bar side plate and rear fender into strut bracket. Tighten to 15 ft-lbs. **ALL 1996-99 models:** Use same procedure, except nut removed in step 11.

**KHROME WERKS®**

**P.O. BOX 355 • New Prague, MN 56071**

## INSTALLATION INSTRUCTIONS SADDLEBAG SUPPORT For 1991-2005 DYNA™ models Mfg. p/n 110870 (See pkg. label for Dist. p/n)

17. **ALL models:** Align rear directional housing so that its lens will be aimed directly rearward for proper visibility. While holding directional housing in proper position, tighten lock nut (Item 7) to 20 ft-lbs. torque.

18. **1991-98 FXD and 1996-98 FXDWG models:** Insert loose end of wire (beneath fender) through hollow turn signal stud (Item 6) and into directional housing.

19. **ALL models:** Reconnect directional wires within housing, using Scotch-Lok wire connector from kit. It is not necessary to strip wire for this type of connector. Wrap the connector with electrical tape. Tuck wire connector assembly within space alongside lamp socket.

20. **ALL models:** Reinstall bulb into directional housing socket. Reinstall lens to directional housing.

21. **1993-95 FXDWG models:** Reroute rear directional wire along backside of fender strut, making sure that wire engages in clip, located on inside of fender strut.

**CAUTION:** **FXDWG models**

**It is important in the next step that the rear directional wire does not get pinched between the fender strut and the motorcycle frame. Pinching the wire could damage the wire and cause the rear directional to be inoperative.**

22. **1993-95 FXDWG models:** Secure fender strut, with rear directional housing, to motorcycle, using shock bolt stud (removed in step 5.) Do not tighten.

23. **1993-95 FXDWG models:** Insert new 3/8+16 button head screw (Item 9) from kit into front end of saddlebag support and through fender strut. Do not tighten.

24. **1993-95 FXDWG models:** Use one of the OEM fender strut retaining bolts removed in step 8 and reinstall in rearmost hole of fender strut, to secure fender strut to fender. Torque fender strut bolts to torque specified in appropriate service manual. Torque shock absorber stud to 65 ft-lbs.

25. **1993-95 FXDWG models:** Reinstall rear shock, following instructions in appropriate service manual. Torque shock absorber bolts to torque specified in service manual.

26. **ALL models:** Repeat necessary steps for opposite side installation. Install cable tie from kit to replace strap removed in step 7.

27. **ALL models:** Reconnect battery cable(s) to battery (positive cable first).

28. **ALL models:** Test both directionals for proper operation.

29. **ALL models:** Reinstall seat and sissy bar (if so equipped).

**WARNING:** Do not operate motorcycle with faulty directionals. Inspect all connections and routing of wires if directionals do not function properly.

**WARNING:** Saddlebags must be secured to the supports with straps supplied by saddlebag manufacturer. Upon initial installation, ensure that no parts of the bags or the mounting straps could interfere with operation of rear belt (or chain), shocks or wheel. We recommend throw-over saddlebags be mounted securely under the seat (not thrown over it). Periodically check straps to ensure proper installation.

**USE AND CARE:** Wash your accessories with the same care you use when washing your motorcycle. Use mild soap and water. DO NOT use abrasive chemicals or cleaners, or high pressure washers.

### BILL OF MATERIALS

Item#	Mfg. p/n	Description	Qty.
1	410495	Chrome Plug f/.375+hole	2
2	438427	Grommet Bumper f/ ¼+hole	2
3	264014	Turn Signal Spacer f/FXD, 96-05 FXDWG	2
4	264013	Turn Signal Spacer f/93-95 FXDWG	2
5	420225	5/16+Lock washer	2
6	264011	Turn Signal Stud	2
7	420145	Nut, 3/8+24 Prevailing Torque	2
8	110871A	Saddlebag Support, Left	1
	110872A	Saddlebag Support, Right	1
9	433467	Screw, button head 3/8+16 x 2+	2
10	OEM	Directional Housing	2
11	OEM	3/8+Flat washer	2

