



INSTRUCTIONS

94100398

2024-10-01



SADDLEBAG LED INTERIOR LIGHT KIT

GENERAL INFORMATION

Table 1. General Information

Kits	Suggested Tools	Skill Level ⁽¹⁾
68000425	Safety glasses, Isopropyl alcohol, Drill, Drill bits (1/8 and 7/16 in.)	
(1) Tightening to torque value or other moderate tools and techniques required		

KIT CONTENTS

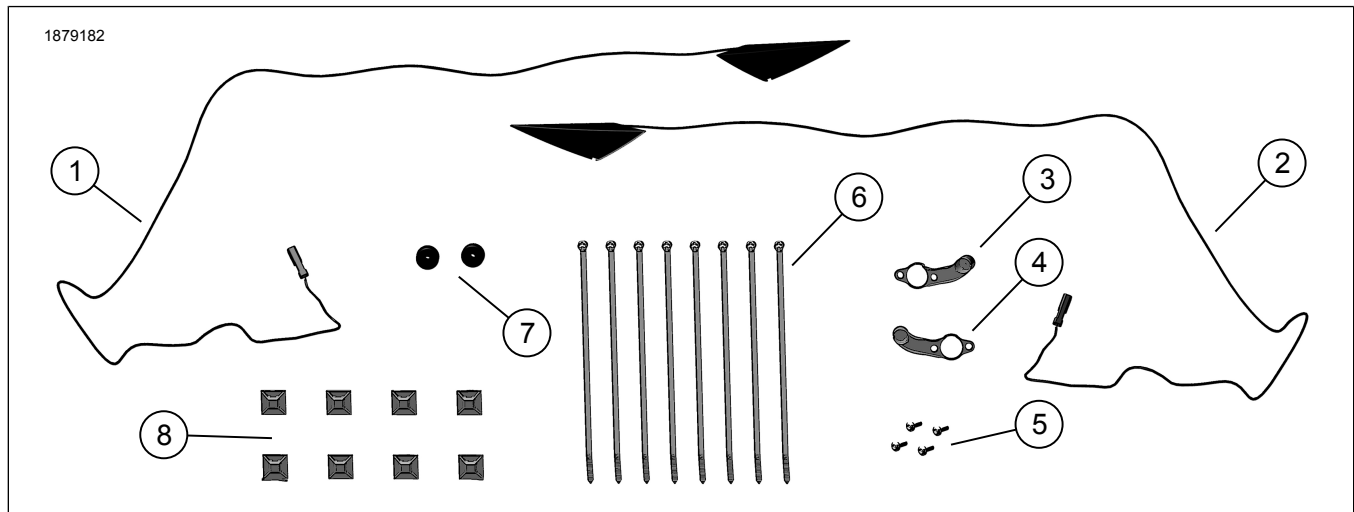


Figure 1. Kit Contents: Saddlebag LED Interior Light

Table 2. Kit Contents: Kit Contents: Saddlebag Interior LED Lamp Kit

<input checked="" type="checkbox"/>	Verify that all contents are present in the kit before installing or removing items from vehicle.				
	Item	Qty	Description	Part No.	Notes
<input type="checkbox"/>	1	1	Saddlebag interior lamp, right	Not sold separately	
<input type="checkbox"/>	2	1	Saddlebag interior lamp, left	Not sold separately	
<input type="checkbox"/>	3	1	Magnet bracket assembly, right	Not sold separately	
<input type="checkbox"/>	4	1	Magnet bracket assembly, left	Not sold separately	
<input type="checkbox"/>	5	4	Screw	Not sold separately	
<input type="checkbox"/>	6	14	Cable strap	10006	
<input type="checkbox"/>	7	2	Grommet, wire harness	12100227	
<input type="checkbox"/>	8	12	Retainer, cable strap	69200342	

GENERAL

Models

For model fitment information, see the Parts and Accessories (P&A) Retail Catalog or the Parts and Accessories section of www.harley-davidson.com.

Verify that the most current version of the instruction sheet is used. It is available at: h-d.com/isheets

Contact Harley-Davidson Customer Support Center at 1-800-258-2464 (U.S. only) or 1-414-343-4056.

Installation Requirements

ALL Models: Separate purchase of two wire harness (Part No. 69203270) are required for installation.

⚠ WARNING

Rider and passenger safety depend upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333b)

NOTE

This instruction sheet references service manual information. A service manual for the year and model motorcycle is required for this installation and is available from:

- A Harley-Davidson dealer.
- H-D Service Information Portal, a subscription-based access available for most 2001 and newer models. For more information see *Frequently ask questions about subscriptions*.

Electrical Overload

NOTICE

It is possible to overload the vehicle's charging system by adding too many electrical accessories. If the combined electrical accessories operating at any one time consume more electrical current than the vehicle's charging system can produce, the electrical consumption can discharge the battery and cause damage to the vehicle's electrical system. (00211d)

⚠ WARNING

When installing any electrical accessory, be certain not to exceed the maximum amperage rating of the fuse or circuit breaker protecting the affected circuit being modified. Exceeding the maximum amperage can lead to electrical failures, which could result in death or serious injury. (00310a)

This kit requires up to 200 Milliampere (mA) more current from the electrical system.

PREPARE

⚠ WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect battery cables (negative (-) cable first) before proceeding. (00307a)

1. Remove main fuse. See service manual.
2. Remove saddlebags. See service manual.

Saddlebag Preparation

NOTE

- Adhesion of parts depends on surface cleanliness. Proper bond may not occur if adhesive tape is applied to a surface more than once.
- Adhesive tape requires 24 hours to gain full bonding strength. Apply at 15 °C (59 °F) or higher.
- Avoid excessive strain on wires when securing.
- Test fit lamps per installation procedure prior to removing adhesive liner.

INSTALL

1. Disconnect Original Equipment (OE) harness connector on back of rear running/turn/stop lamp.
 - a. Install Lighting Harness Jumper (Part No. 69203270) inline with stock turn lamp harness.
 - b. Secure to the fender support ensuring no contact with moving parts or exhaust.
2. Figure 2 Drill lower saddlebag harness pass-through.
 - a. Apply tape to saddlebag in area of hole.
 - b. Figure 3 Use grommet (7) from kit as a drill location guide.
 - c. Place grommet against saddlebag surface near the radius at side and bottom of saddlebag.
 - d. Keep entire grommet on flat section of saddlebag.
 - e. Mark saddlebag at center of hole in grommet.
 - f. Drill a 1/8 in. pilot hole.
 - g. Drill a 7/16 in. hole.
 - h. Debur drilled hole.

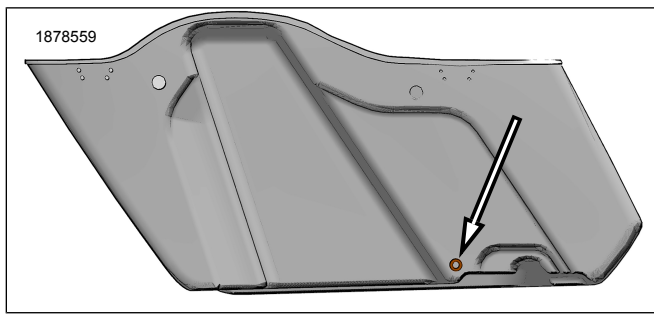


Figure 2. Saddlebag Lower Hole Drill Location

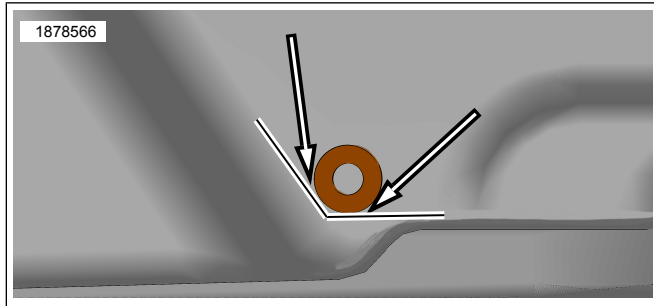


Figure 3. Saddlebag Lower Hole Drill Location

3. Figure 4 If installing Saddlebag Interior Lamp Kit (Part No. 68000425) with Saddlebag Marker Lamp Kit (Part No. 68000372), separate purchase of two Rear Accessory Wire Harness jumpers (Part No. 69203366) is required.

- a. Install jumper harness through saddlebag lower hole, route both lamp harnesses together and connect to jumper harness connectors at bottom of saddlebag.

4. Install grommet to wire harness and seat grommet in drilled hole.

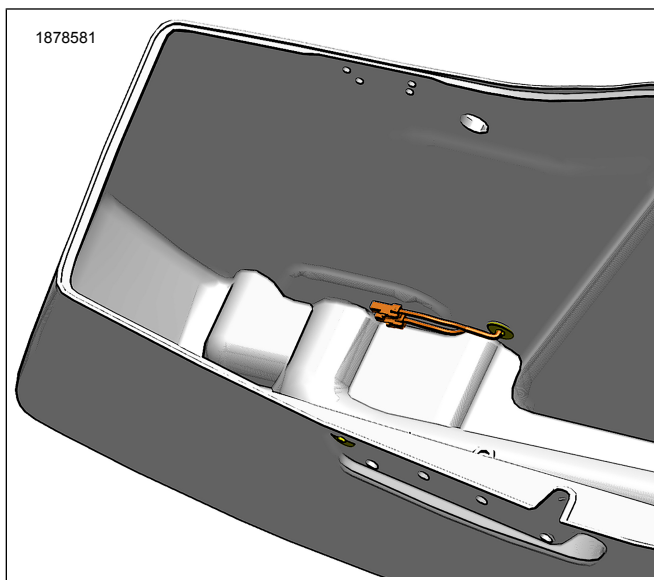


Figure 4. Jumper Harness Routing

5. Leave only enough harness slack between saddlebag and fender to allow removal and installation of saddlebags.
 - a. Ensure slack cannot contact moving parts.

6. Figure 5 Install magnetic bracket.

NOTE

The lamp is automatic and has no on/off switch.

- Lamp automatically turns on when sensor in lamp detects magnet out of alignment (saddlebag lid open) and turns off when magnet is in alignment (saddlebag lid closed).
- Devices with sensitivity to magnets should remain clear of magnetic bracket.

- a. Remove saddlebag lock nut (4) and cable assembly cam (3). See Service Manual.

- b. Remove saddlebag lock retention screws (2) and discard. See Service Manual.

- c. Install magnetic bracket (1) on top of saddlebag lock using **new** screws (2) from kit. Tighten.

Torque: 2.6–3.2 N·m (23–28 **in-lbs**)

NOTE

Confirm metal compression limiters are present on bracket.

- d. Install cable assembly cam (3) and nut (4). Tighten.
- Torque: 2.82–3.95 N·m (25–35 **in-lbs**)

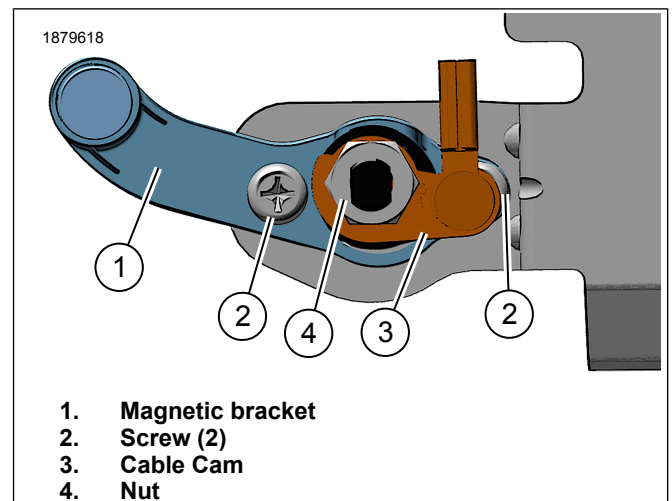


Figure 5. Magnetic Bracket Assembly

7. Figure 6 Test fit and install interior lamp (1).

- a. Install saddlebag and jumper to vehicle and install main fuse.
- b. Put vehicle in accessory mode.
- c. Do not remove adhesive liner. Temporarily tape lamp into position.
- d. Open and close saddlebag lid. Verify the lamp turns off by watching the last inch of the lid travel. Mark lamp location on saddlebag lid.
- e. If lamp does not turn off, shift lamp forward or backward slightly to align to magnetic sensor.

- f. Clean saddlebag in area of installation with 50:50 mix of isopropyl alcohol and water. Allow to dry completely.
- g. Remove adhesive liner.
- h. Realign lamp to mark.
- i. Apply firm, even pressure to lamp to set adhesive.

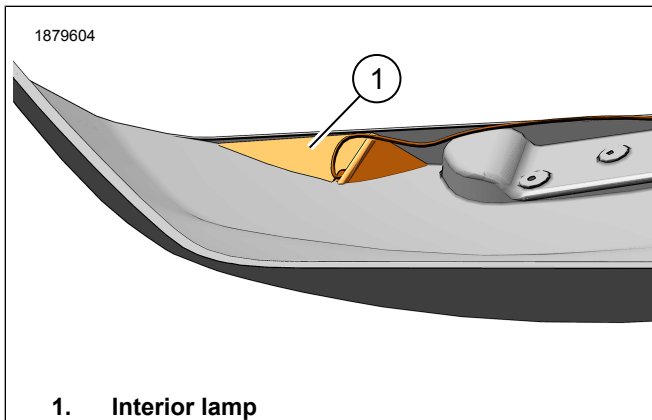


Figure 6. Saddlebag Interior Lamp, Left

- 8. See Figure 1 and Figure 7. Route harness inside saddlebag, secure with cable straps (6) and anchors (8).
- 9. Repeat steps for other side.

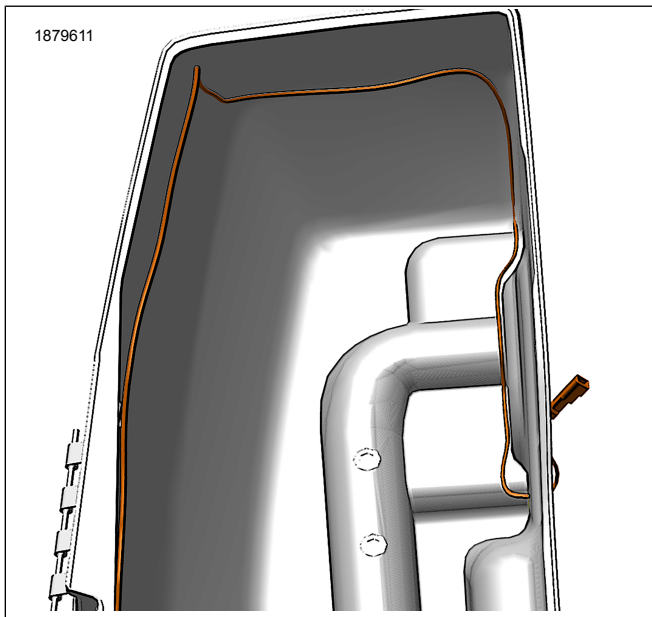


Figure 7. Harness Routing

COMPLETE

- 1. Install saddlebags making sure to connect lamp harness during installation. See service manual.
- 2. Turn ignition ON, but do not start vehicle.
- 3. Verify that saddlebag locks work properly. If not, verify proper installation and alignment.