

Custom Dynamics® LED Latch Lightz™ Installation Instructions



Part Numbers

CD-LATCH-2026-R, CD-LATCH-2026-S

Package Contents

LED Latch Lightz™ w/ Quick Disconnect Harness (2)
MPR-26-J-I-P Harness (1)
4" Cable Ties (10)
Cable Tie Holders (8)
Foam Strips (2)
Rubber Grommets (2)
Drilling Template (1)
JAE Connectors (2)
Instructions (1)



Fitment

2026 Harley-Davidson® Street Glide (FLHX), 2026 Street Glide Limited (FLHXL), 2026 CVO Street Glide (FLHXSE), 2026 CVO Street Glide ST (FLHXSTSE), 2026 CVO Street Glide Limited (FLHXLSE), 2026 Road Glide (FLTRX), 2026 Road Glide Limited (FLTRXL), 2026 CVO Road Glide ST (FLTRXSTSE).

Suggested Tools

Safety Glasses
Drill
1/4" Drill Bit
3/8" Drill Bit
9/16" Drill Bit

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 qualified technician perform the installation. Improper installation of this kit could result in death or serious injury.

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Locate the 16-pin connector going to the rear fender lighting. Unplug and install the MPR-26-J-I-P Harness in-line with the rear fender lighting. Shown in **Figures 1**.
3. Open saddlebag lid and remove saddlebag tether and save the hardware for reassembly. The saddlebag lid will need to remain fully open to the outside of the saddlebag. Take protective measures so the saddlebag and/or lid are not damaged during installation.
4. Remove the hinge cover from the hinge and locking mechanism.
5. With the hinge cover facing down on a flat surface, place the Drilling Template on the back of the hinge cover and mark the hole location. Shown in **Figure 2**.
6. Carefully drill a 1/4" hole where you marked it with the Drilling Template. Do not drill all the way through the reflector, you only want to drill through the hinge cover.
7. Use a small screw driver and push the reflector out from the back side of the hinge. Shown in **Figure 3**.
8. Enlarge the hole you drilled in Step 6 to 3/8". Clean any debris and adhesive from the area where the reflector was removed.

Note

Make sure to test fit the LED Latch Lightz™ before sticking on the latch to ensure it lays down flat for proper fitment.

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- Clean area with denatured alcohol, let dry 1-2 minutes.
- Route wire from the LED Latch Lightz™ through the hole you drilled in the hinge cover. Remove the protective red film from the back of the LED Latch Lightz™. Align the LED Latch Lightz™ in the reflector area and press into place.

Notice

Do not apply too much pressure in the center of the LED Latch Lightz™ this can cause the lens to crack and will not be covered under warranty.

- Reinstall the hinge cover on the saddlebag hinge.
- Install the supplied Foam Strip on the top outside lip to the saddlebag. Shown in **Figure 4**.
- Select location for the supplied Cable Tie Holders and clean with denatured alcohol, let dry. Remove paper backing on Cable Tie Holders and press into place. Route wire from LED Latch Lightz™ over the Foam Strip and around to the front of the saddlebag towards the locking latch. Secure the wire to the inside of the saddlebag with supplied Cable Ties to the Cable Tie Holders to prevent wires from being cut, frayed, or pinched. Shown in **Figure 5**.
- Remove saddlebags from the motorcycle. Place the saddlebags in a safe place to prevent damage.
- Using a grease pencil, mark desired drill point for the LED Latch Lightz™ wire to exit the saddlebag. It is recommended the drill hole is located approximately 1" below the saddlebag latch as shown in **Figure 6**. Apply masking tape to the outside of the saddlebag at the marked drill point.
- Using a 9/16" drill bit, drill a hole through the marked drill hole on each saddlebag. Drill from the outside of the saddlebag to the inside then remove masking tape. It is recommended to start with a smaller drill bit and work up to a 9/16" drill bit.
- Install the supplied Rubber Grommet into the hole you drilled in the previous step.
- Route wire from each LED Latch Lightz™ through the Rubber Grommets and out the backside of the saddlebag.
- Install the supplied JAE Connectors onto the pre-pinned wires from each LED Latch Lightz™ by pushing the pins into the connector ports shown in **Figures 7-9**.

Note

JAE Connector Pinning

Click the box on the right for specific instructions on how to pin a JAE Connector.

Functions and Ports for Pinning

Dual Color Run/Brake/Turn Function:

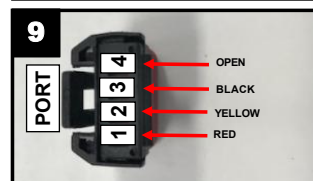
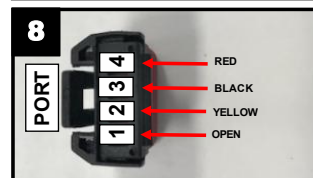
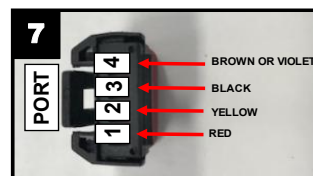
Port 1 = Red
Port 2 = Yellow
Port 3 = Black [-]
Port 4 = Brown or Violet

Red Dual Intensity Run/Turn Function:

Port 1 = Open
Port 2 = Yellow
Port 3 = Black [-]
Port 4 = Red
Note: Brown and Violet not used

Red Dual Intensity Run/Brake Function:

Port 1 = Red
Port 2 = Yellow
Port 3 = Black [-]
Port 4 = Open
Note: Brown and Violet not used



- Pins should snap in place and not pull back out of connector when installed correctly.
- Reinstall saddlebags and plug in the male JAE Connectors from each LED Latch Lightz™ to the female JAE connectors (black) of the Quick Disconnect Harness.
- Plug the quick disconnect harness into the MPR-26-J-I-P Harness. Violet wire is left side, brown wire is right side.
- Secure wires under the seat with Cable Ties to prevent wires from being cut, frayed, or pinched.
- Reconnect the negative battery cable to the battery and reinstall all necessary parts.
- Test the new Custom Dynamics® LED Latch Lightz™ for proper operation.

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