

Custom Dynamics® Low Rider ST LED Windshield Trim Installation Instructions



Part Numbers

CD-LRST-WT-B, CD-LRST-WT-D

Package Contents

LRST LED Windshield Trim (2)
LRST Y-Harness (2)
10-24 x 1-1/2" Button head Cap Screws (4)
Rubber Washers (4)
Nylon Washers (4)
6" Cable Ties (6)
Magnet (1)
Instructions (1)



Fitment

2022-2026 Harley-Davidson® Low Rider ST (FXLRS) and 2022 Low rider El Diablo (FXRST).

Suggested Tools

Safety Glasses
T25 TORX Socket or Handle Driver
1/8" Allen Socket or T-Handle

Installation

[Click Link for Install Video](#)

[Click Here](#)

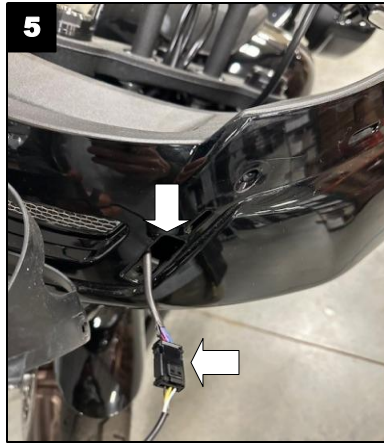
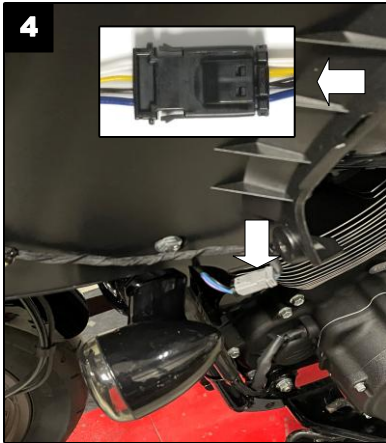
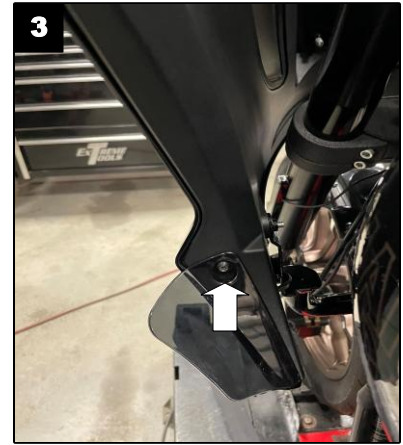
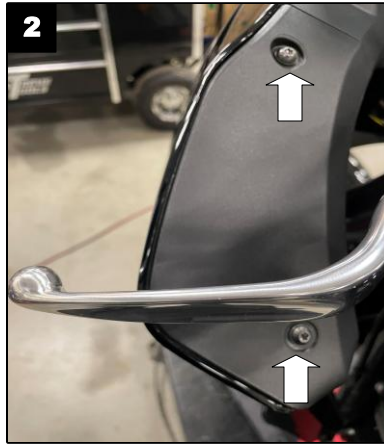
Warning

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. Remove the outer fairing by removing the six windshield screws. Shown in **Figure 1**. Lift to remove windshield and set aside for reinstallation in a safe place to prevent damage.
3. Remove the four inner fairing screws. Shown in **Figure 2**.
4. Remove the fairing air deflector screws. Shown in **Figure 3**.
5. Pull the outer fairing away from the inner fairing and unplug headlight connector. Remove outer fairing and set as for reinstallation in a safe place to prevent damage.
6. Locate the left and right turn signal connectors and unplug by pressing down on the release tab. Shown in **Figure 4**.
7. Connect the supplied LRST Y-Harness at both left and right turn signals. Use the supplied Cable Ties to secure wires from being cut, frayed or pinched.
8. Reinstall the outer fairing and plug headlight connector back together and route the LRST Y-Harness connector through the hole in the outer fairing by front windshield screw by peeling back the rubber trim, plug in the LRST Windshield Trim connector. Shown in **Figure 5**.
9. Push the LRST Windshield Trim wire back into the hole in the fairing and put back runner seal. Shown in **Figure 6**.

Questions? Email: Info@CustomDynamics.com or Call us at: 1(919)554-0949 M-TH 8:30AM-5:30PM, F 9:30AM-5:30PM EST

Installation Instructions Continued - 2



10. Reinstall the windshield and install the Custom Dynamic® LED Windshield Trim with the supplied 10-24 x 1-1/2" Button Head Cap Screws, Nylon Washers then Rubber Washers. Shown in **Figure 7**.

Notice

Hand start all bolts, **DO NOT** use impact wrench/"zip gun" when installing.



11. Reconnect the negative battery cable to the battery and reinstall all necessary parts.
12. Test the new Custom Dynamics® LED Windshield Trim for proper operation.

Cleaning Warning

Never use abrasive polishes or cleaners (e.g. "bug off" cleaners) as these can scratch and/or damage the finish, voiding warranty coverage. Avoid power washing/applying direct stream to aftermarket parts.

Installation Instructions Continued - 3

Program Mode

To select the turn signal configuration, place the supplied Magnet at/near the position shown in **Figure 8** within 20 seconds of key-on/power-on. Once the LRST LED Windshield Trim senses the Magnet, it will change and display the next turn signal configuration. See order of configurations below. To cycle to the next turn signal configuration, move the magnet away from the position in **Figure 8** and bring it back to the previous position within 10 second. If the Magnet is continuously held at/near the position in **Figure 8**, the LRST LED Windshield Trim will display or demonstrate the current turn signal configuration. If the Magnet is removed for longer than 10 seconds, the turn signal configuration will be saved.

Choose between three turn signal function modes.

- **Sequencing On:** the turn signals LED's Turn ON in sequence from inward to outward.
- **Sequence Off:** the turn signals LED's all Turn ON initially, then sequence OFF from inward to outward.
- **Standard Flash.**

Note

If you're experiencing a rapid flash on your Turn Signal dash indicator, you may need to sync the BCM (Body Control Module) and clear the trouble codes. Please follow the steps to clear the trouble codes and perform the BCM sync.

To sync the BCM, perform the following steps:

1. Turn Ignition on, but do not start the bike.
2. Turn on 4 way hazards by pressing the hazard button on the controls. Count 10 flashes and deactivate.
3. Turn on 4 way hazards for another 10 flashes and deactivate.
4. Clear Diagnostic Trouble Codes (DTC's)
5. Turn Ignition OFF then back ON. Turn on 4 way hazards.

After performing the steps above, turn the ignition switch to the ON position and test for proper turn signal operation. The dash turn signal indicators should no longer be Rapid Flashing.

