Installation Instructions

Neowise X 3-1 Rear Fender Strut Indicators K68491 and K68492

A FACTORY SERVICE MANUAL WILL BE HELPFUL IN PERFORMING THIS INSTALLATION. DO NOT ATTEMPT TO PERFORM THIS INSTALLATION IF YOU ARE NOT CONFIDENT IN YOUR ABILITY TO COMPLETE ALL OF THE STEPS IN THE PROCEDURE; CONSULT A TRAINED TECHNICIAN. IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.

1. Secure the motorcycle, turn the ignition off, disconnect the battery or remove the main fuse. Deactivate the alarm system or make sure that the key fob is close to the bike. Prior to disconnecting the electricity, the ignition needs to be turned on. Check your manual for details.
2. We recommend testing the functionality of the module prior to installation.
3. Remove the seat
4. Disconnect the connectors of both rear indicators and tail / LP lamp (see figure 1) making sure there are no zip ties holding wires to facilitate fender removal.
5. Remove the four fender strut bolts and remove the rear fender (see figure 2)

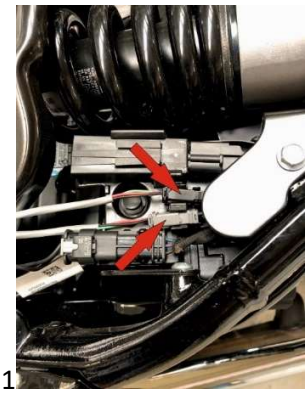
Fig. 1 

Fig. 2 

6. Remove the fender struts. (see figure 3 / 4)

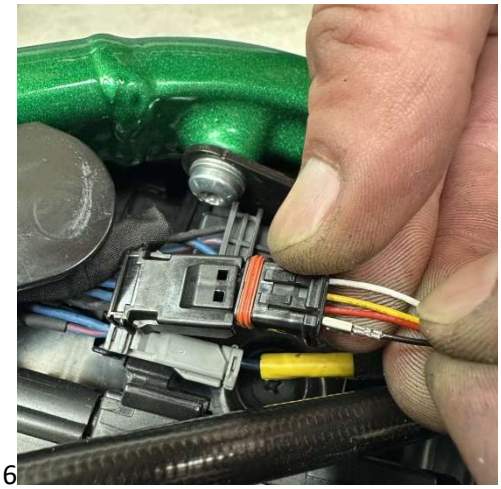
Fig. 3 

Fig. 4 

7. Remove the stock indicators.
8. Install the Kodlin indicators with “Blue Loctite®” or similar medium strength thread locker. (see figure 5)

Fig. 5 

9. Route the cables through the fender strut.
10. Install the fender struts to the rear fender using medium strength thread locker.
11. Install the rear fender and fender struts to the frame using medium strength thread locker.
12. Insert the terminal pins into the connector housing and connect the connectors. See Fig. 6 (reverse item 4).

Fig .6 

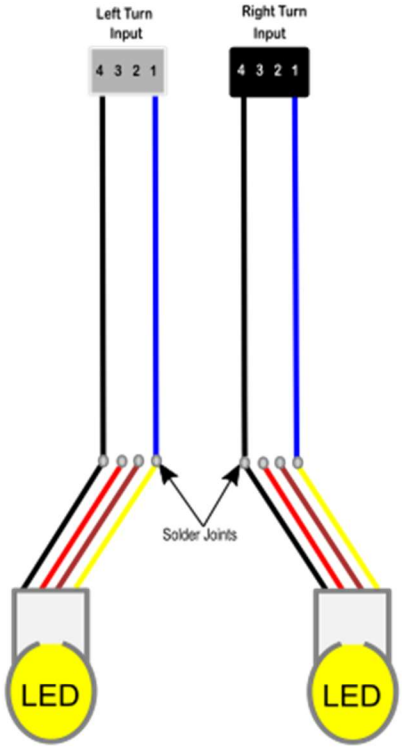
13. Reconnect battery or power by reversing the steps in item 1.
14. Test all lights for proper function.
15. Install seat.

Tip: Some motorcycles will get Hyper-Flashing indicators on dash, or you may set DTC's after replacing the OEM light assemblies. For bikes with a BCM turning on your emergency flashers for 10 flashes should allow your BCM to adjust for the new load. If that is not the case the installation of a load equalizer will solve that problem. Review our wiring tips at https://kodlinusa.com/tech-guide/ in the tech tips section.

Alternative wiring diagram for different models.

M8 Softail OEM Light Harness to 3-1 LED Lights

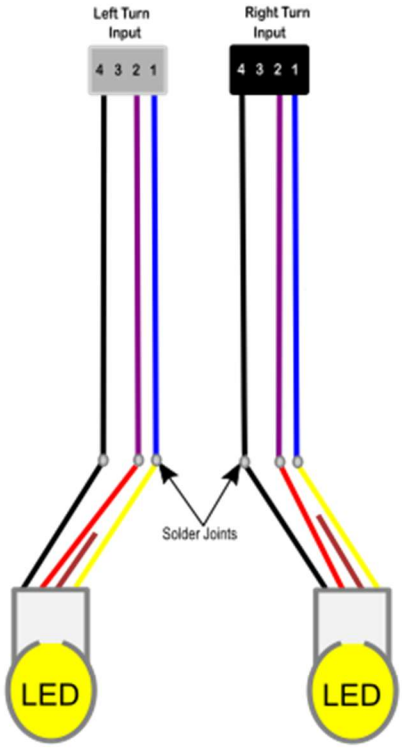
With OEM Taillight
Requires additional wires
or Kodlin Install Kit
KUS11500 or KUS11501!



OEM Light Harness to LED

Blue to LED Yellow = Running
Pin 2, User installed wires to LED Brown = Turn
Pin 3, User installed wires to LED Red = Brake
Black to LED Black = Ground
BCM is set to "Dedicated Taillight"
You will have amber turn LED

No OEM
Taillight



OEM Light Harness to LED

Blue to LED Yellow = Run Light
Violet to LED Red = Turn Signal
Black to LED Black = Ground
BCM is set to "Turn Signals Only"
You will have red turn LED

NOTICE!
If you wire all four wires on LED and bike has no OEM taillight you will get an amber brake light!

NOTE: No warranty coverage is provided by Kodlin that is due to improper installation or lack of maintenance. Periodic maintenance and inspection are required. It is the installer's responsibility to ensure that all the fasteners are tightened before operation of the motorcycle. We recommend following the Mfg.'s torque specs.

For the latest install guides, video's, FAQ's. and Tech-Tip's scan QR code!

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