

INSTALLATION INSTRUCTIONS

⚠ WARNING

To properly install this turn signal you should have a good understanding of automotive electrical procedures and systems, and proficiency in the installation of vehicle lights. **IF YOU DO NOT, PLEASE SEEK PROFESSIONAL ASSISTANCE.**

BEFORE INSTALLATION:

Estimated Time:	30 minutes
Tools Needed:	3/8" Wrench or Socket Wrench
Wire Functions:	Black = Ground White = Front Position Yellow = Turn Signal
In the Box:	(x2) Model 239 Front Turn Signals (x2) Retaining Bracket (x2) 1/4"-20 Flanged Hex Head Bolt (x2) Zip Ties
Input Voltage:	12V DC
Operative Voltage:	9-16V DC

PRE-INSTALLATION INSTRUCTIONS:

1. Read all safety notes and mounting guidelines before installing the product. Verify that all parts listed under "In the Box" are present and complete.
2. Inspect the product for damage. DO NOT install the product if there is any damage. Contact the authorized retailer where you purchased it to initiate a warranty claim if there is damage.
3. Verify that all power supply and/or charging systems comply to the specified voltage limits for the light.

PRODUCT WARRANTY:

If you have issues with a J.W. Speaker product, please contact the authorized retailer where you purchased it.

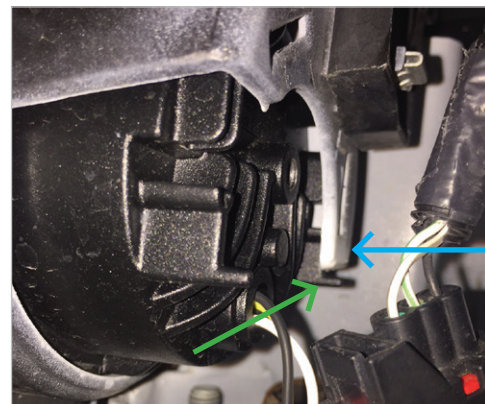
REGULATORY COMPLIANCE:



INSTALLATION INSTRUCTIONS:

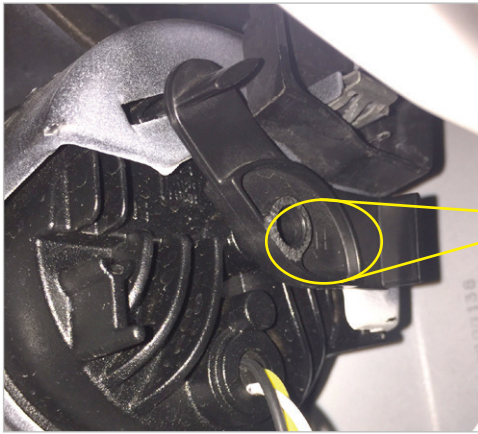
1. Remove the turn signal bulb from the stock housing by rotating it 90°.
2. To remove the bulb from the wire harness, slide the red retaining lock away from the bulb (2 clicks). Depress the black retaining tab while pulling apart.
3. Remove the stock turn signal by depressing the two plastic retaining tabs, then push the signal through the front of the grille opening.
4. Insert either one of Model 239 J2 Front Turn Signals from the front of the grille (*shown to the right*).

NOTE: the J.W. SPEAKER logo must be oriented to the bottom. Use the post on the bottom of the lamp (**green arrow**) to align the signal to the bottom of the grille opening (**blue arrow**).



5. Insert the retaining bracket into the holes where the stock turn signal snapped in. The Model 239 J2 housing will line up with the same holes as the stock turn signal.

NOTE: The bracket is labeled LH (Left Hand) on one side and RH (Right Hand) on the other. These marks reference left and right for the vehicle's orientation. For U.S. installation (left hand drive) LH corresponds to driver's side.



LH or
RH

6. Insert the provided bolt into the back of the retaining bracket. Torque to 32 in-lbs to ensure proper tightening.



7. Insert the Model 239 J2 connector into the vehicle's connector. **You must lock the connectors together** by pushing the red retaining lock toward the turn signal connector, as shown.



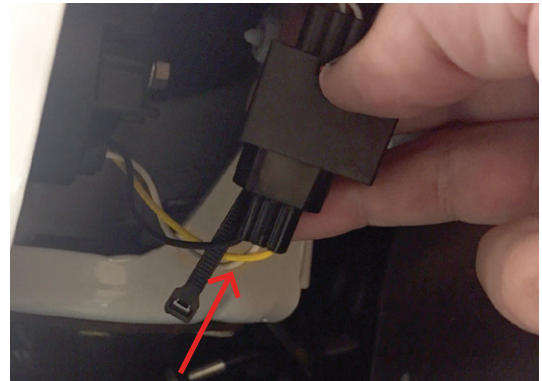
8. Check for proper function by turning on hazards and parking lights.



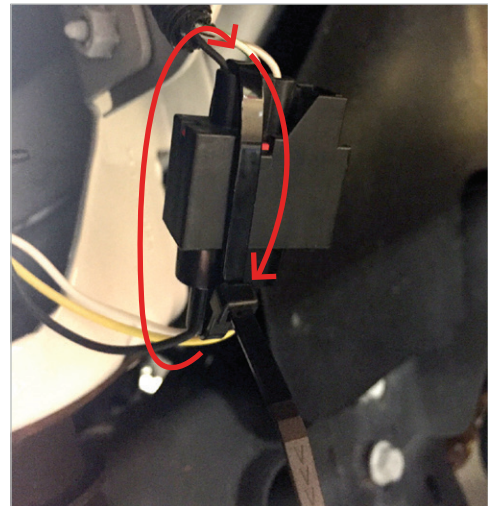
ZIP TIE INSTRUCTIONS:

If you are experiencing flickering, you may have an intermittent connection with your Model 239 J2. Zip ties have been included in the package to create a more stable connection by forcing the connectors to stay together.

1. Insert the zip tie between the **black** and **white** wires of the Model 239 J2 connector.



2. Loop the zip tie around the vehicle connector, passing through the wires. Close the zip tie to secure the two connectors.

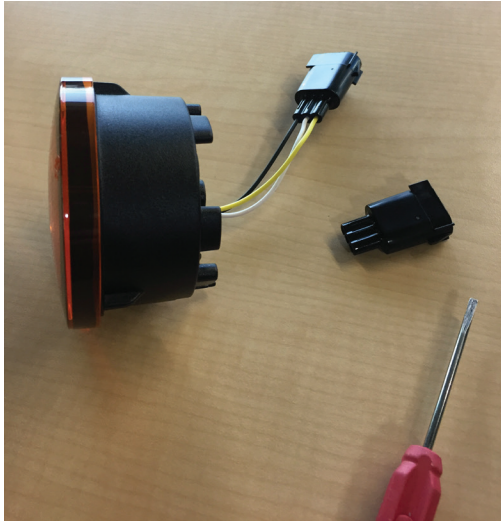


CONNECTOR REPLACEMENT INSTRUCTIONS

To properly replace this turn signal connector you should have a good understanding of automotive electrical procedures and systems, and proficiency in the installation of vehicle lights. **IF YOU DO NOT, PLEASE SEEK PROFESSIONAL ASSISTANCE.**

REPLACEMENT INSTRUCTIONS:

1. Remove Model 239 J2 from vehicle
2. Kit contains (2) new connectors and (1) small flat head screw driver



5. See figures 4 and 5 which show a cut open connector for clarity.

Figure 4.

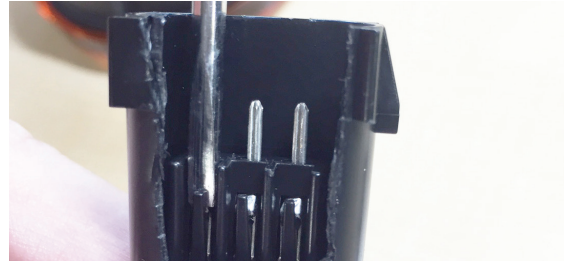
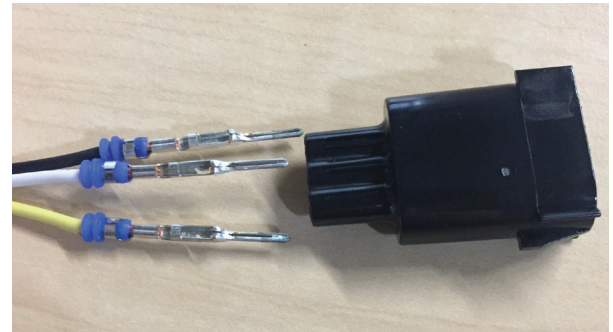
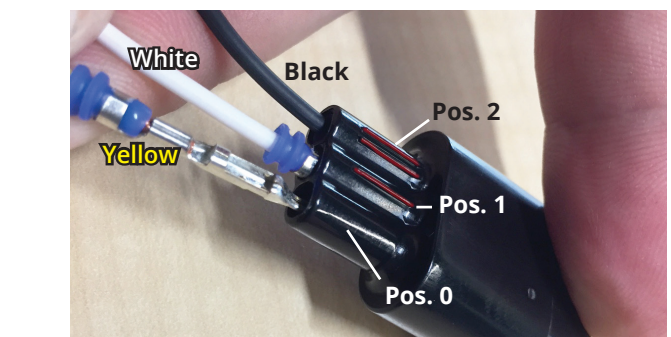
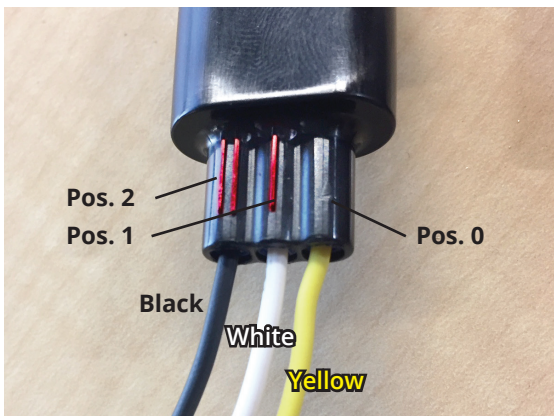


Figure 5.



6. Insert the wires into the new connector with the retaining lever opening toward the wire position markings on the connector.

3. Note wire orientation: Black in position 2 noted by 2 highlighted red lines, white in position 1 noted with 1 highlighted red line, and Yellow in position 0.



7. Insert the wires into the connector one at a time, and ensure that the retaining lever has fully engaged by pulling lightly on the wires.
8. Verify that each wire seal is completely in the connector
9. Verify wire orientation: Black in position 2 noted by 2 lines, white in position 1 noted with 1 line, and Yellow in position 0.
10. Install Model 239 J2 with updated connector in vehicle and verify proper function.

4. Insert the small screwdriver into the connector in between the terminal and connector retaining lever and push the connector lever out to release the wire and terminal.

