

# 2009-18 RAM 2019+ RAM CLASSIC XB LED TAIL LIGHTS INSTALL GUIDE

**WARNING:** By reading this document, you agree it is only to be used as an educational guide. Morimoto Lighting nor its dealers make guarantees on any finished results, nor are they to be held responsible for any damage, misuse, or personal injuries. If you are unable to clearly understand and adapt the information below, professional installation is recommended.

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**2X TAIL LIGHT ASSEMBLIES  
(RED OR SMOKED)**



**2 X INCANDESCENT ADAPTERS**

**IMPORTANT:** These tail lights will work properly in unison with headlights from Morimoto but otherwise if your vehicle is equipped with anything but OEM turn signals (full assemblies, LED bulbs, or otherwise) in the headlights or elsewhere: You may experience a hyper flash and/or problem with the turn signal on these tail lights. This is not a defect in the tail light, and is caused by un-matched impedance with your original vehicle settings.

# 2009-18 RAM, 2019+ RAM CLASSIC



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## REQUIRED TOOLS

- RATCHET
- T25 TORX BIT
- FLAT HEAD SCREWDRIVER OR TRIM REMOVAL TOOL

# OEM TAIL LIGHT IDENTIFIER



OEM INCANDESCENT  
TAIL LIGHT



OEM LED TAIL LIGHT

# INSTALLATION PROCESS: OEM INCANDESCENT TAIL LIGHT



OEM INCANDESCENT  
TAIL LIGHT

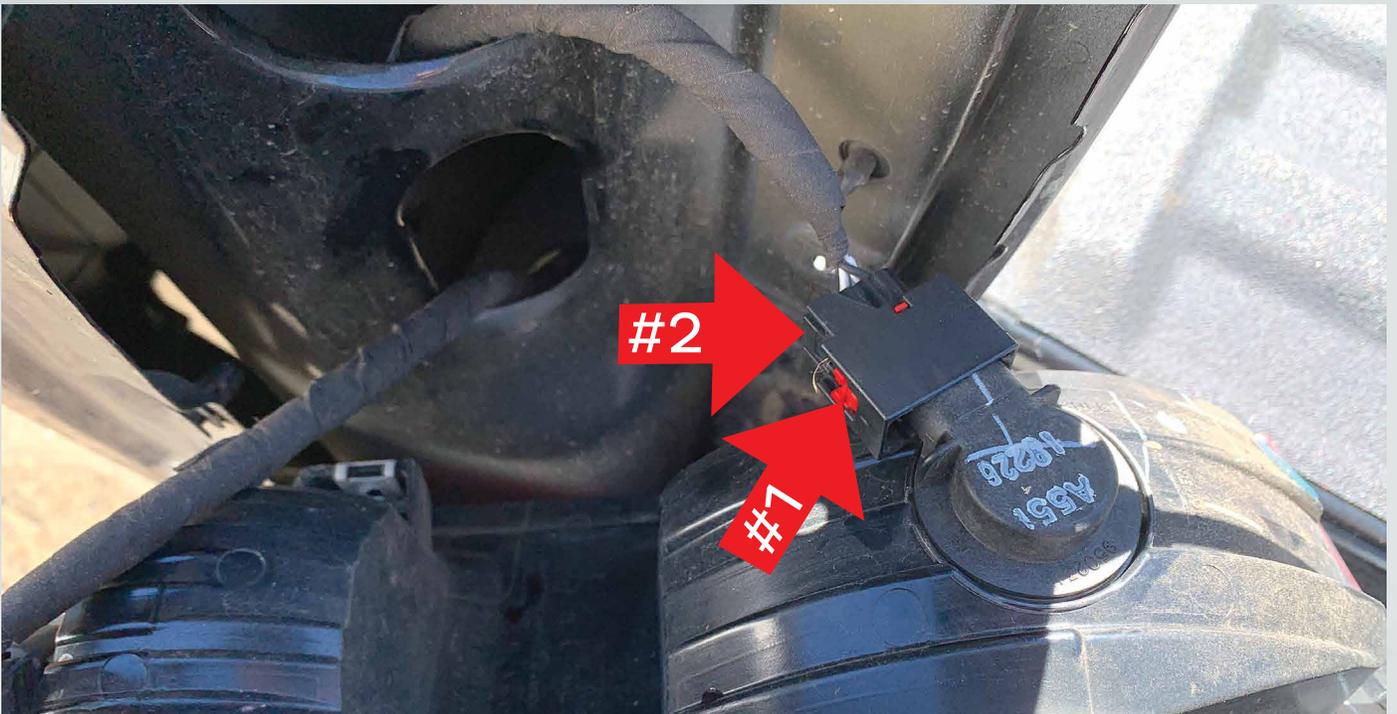
1. Open the tailgate and remove these 2 bolts (T25 torx) holding the tail light.



2. Insert a plastic trim tool in the gap shown below and pry the tail light backwards away from the bed.



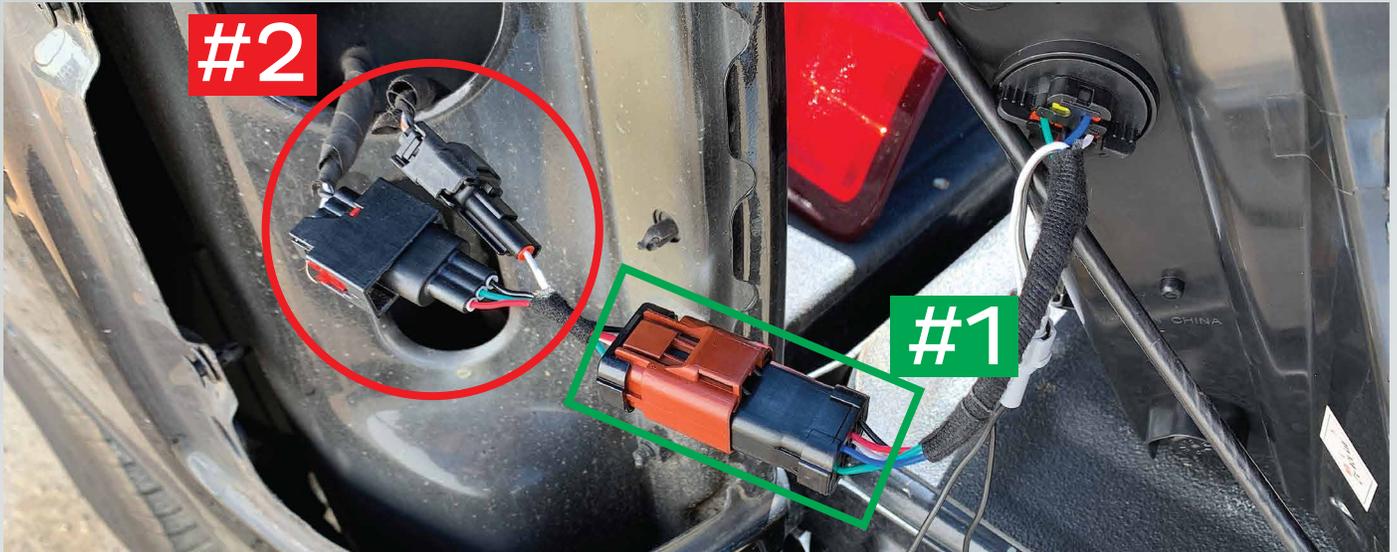
3. Unplug the brake light connector by first releasing the locking tab (#1). Then press on the tab (#2) to release the clip and slide the connector off.



4. Unplug the reverse light connector by pressing on the tab to unlock it and slide the connector off. Remove tail light off the vehicle..



5. Grab one Morimoto tail light of the same side, locate the included incandecent adapter and plug it into the Morimoto tail light (#1). The other side of the adapter plugs into the OEM harness (#2).



6. Install the tail light onto the truck. Secure it with the two (2) T25 Torx screws.

7. Repeat step 1-6 on the other side of the truck.

8. For steps on installing the Boost Bar go to page #10

9. Turn on the truck and go through all modes to confirm that all tail light functions work.

# INSTALLATION PROCESS: OEM LED TAIL LIGHT



OEM LED TAIL LIGHT

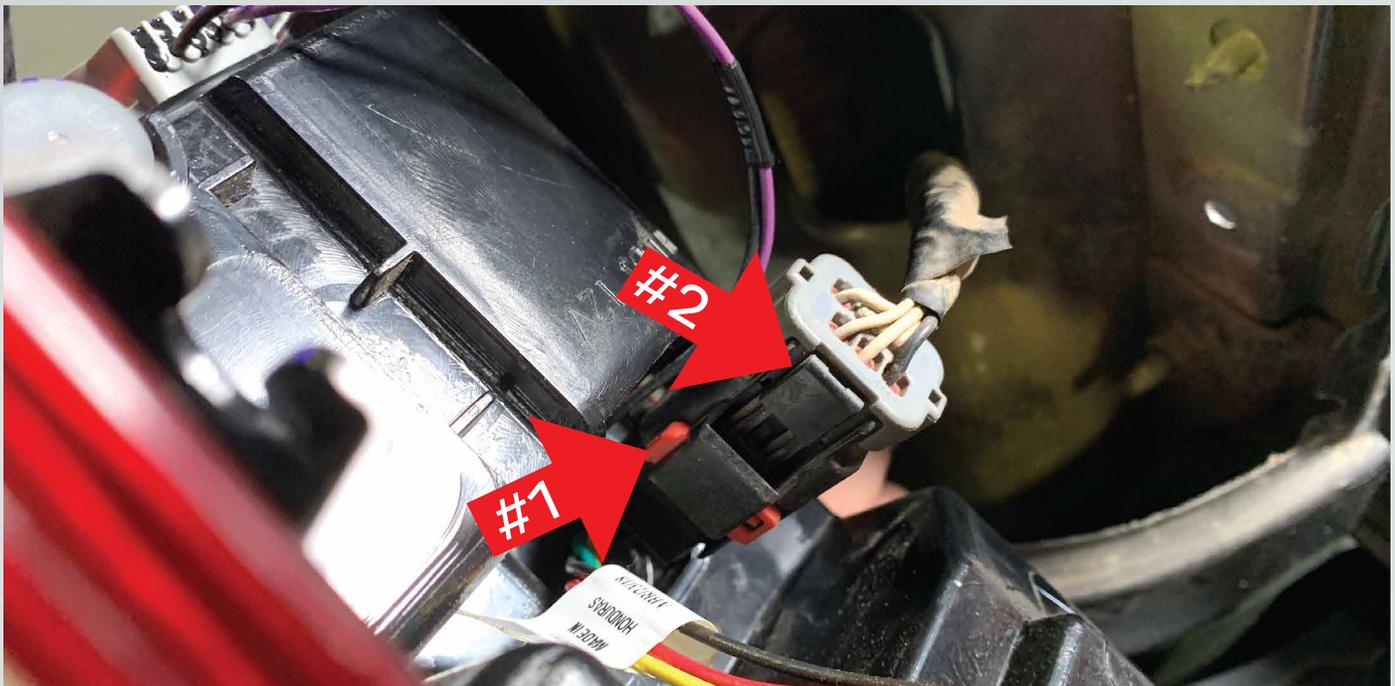
1. Open the tailgate and remove these 2 bolts (T25 torx) holding the tail light.



2. Insert a plastic trim tool in the gap shown below and pry the tail light backwards away from the bed.



3. On the back of the tail light, you will see one connector. To unplug it, first slide the red locking pin to the side until it stops (#1). Then press in the tab to unlock the connector and simply slide the connector apart.



4. Grab a Morimoto tail light of the same side and plug in the connector.
5. Install the tail light onto the truck. Secure it with the two (2) T25 Torx screws.
6. Repeat step 1-5 on the other side of the truck.
7. For steps on installing the Boost Bar go to page #10
8. Turn on the truck and go through all modes to confirm that all tail light functions work.

(SOLD SEPARATELY)



# BOOST BAR LICENSE PLATE LIGHT INSTALL GUIDE

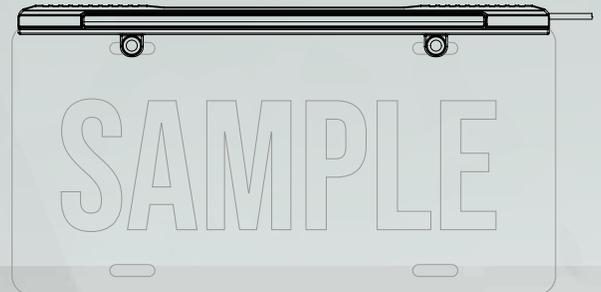
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## PACKAGE CONTENTS

- 1x Boost Bar License Plate Light
- 1x Input Pigtail (not needed in this application)
- 1x Double Wire T-Tap (not needed in this application)

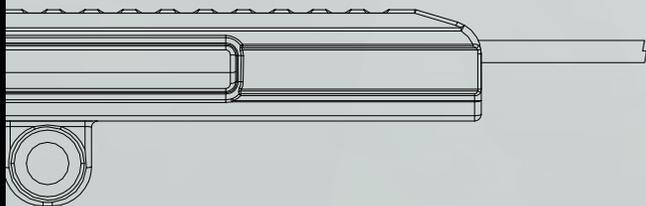
## TOOLS REQUIRED

- Wire Cutters
- Zip Ties
- 1/4" Drill Bit
- Drill



# INSTALLATION PROCESS

## BOOST BAR



1. Remove your license plate and bolt in the Boost Bar. Mark on the bumper where the wire needs to go through.



2. Drill a 1/4" hole in your bumper and pass the wiring through. and reinstall your license plate with Boost Bar.



3. Run the wiring behind the bumper along the top, and secure using zip ties.



4. Run the wiring up through the tail light hole and plug into your RIGHT Morimoto tail light. Secure remaining wiring with zip ties.



## DIRECT CONNECTION TO RIGHT MORIMOTO XB LED TAIL LIGHTS

