

Auto Addict USA 2024 Mustang Euro Taillight Installation Guide: Clear, Smoke & Pre-Manufactured RGB

Recommendation:

Before removing the bumper, test your taillights first by jumping to Step 6. This will help confirm if the adapter harnesses are needed for your vehicle.

Important Note About Harness Compatibility:

- Vehicles built before 01/2025: Plug-and-play installation – no adapter harness needed.
- Vehicles built from 02/2025 onward: Use the included adapter harnesses to ensure proper signal conversion. These harnesses are included with every taillight set regardless of build date.

- **Tools:** ¼ Ratchet & ¼ extension, 7mm, 8mm, 10mm Deep Socket, 13mm, Trim removal set, optional wiretap or splice kit.

Step 1: Remove Fender Liner Hardware

Inside the rear wheel well, remove four (4) 7mm screws securing the fender liner and bumper to the quarter panel. Remove one (1) push clip located near the bottom of the fender liner. Pull back the liner to access and remove two (2) additional 7mm screws hidden behind it. Repeat this process on both sides of the vehicle. Tip: Use an extension to reach the bumper-to-quarter-panel screw.

Step 2: Remove Underside Bumper Hardware

Underneath the bumper, remove seven (7) 7mm screws securing it to the rear under shield. Then remove four (4) push clips located at each side of the bumper's lower edge.

Step 3: Loosen Rear Bumper Cover

Start by gently pulling outward and downward from one side of the bumper to release it from the guide. Work your way toward the rear – note that some areas are held by adhesive. Take your time to avoid damaging the side retainers. Repeat for the other side. Carefully set the bumper on the ground in front of the car. You do not need to disconnect the bumper harness.

Step 4: Disengage Rear Bumper from Bracket

The rear bumper bracket remains on the vehicle. While supporting the bumper with one hand, pull straight back to release the clips. Use a soft trim tool if needed to disengage clips gently. Set the bumper aside safely on the ground. Use a blanket to avoid any damage.

Step 5: Loosen Rear Taillight Support Bracket

Remove the three (3) 8mm bolts securing the taillight/bumper bracket. Let the bracket gently hang to give you access to the taillights. Avoid disconnecting the plugs otherwise your vehicle may need additional calibration after installation.

Step 6: Access Rear Taillight Area (Test Your Lights Here!)

Remove trunk carpet and unscrew the four (4) plastic nuts securing the rear trim panel. Lift and remove the panel to access the taillight wiring.

Step 7a: Passenger Side (with Subwoofer)

Remove three (3) 13mm bolts securing the subwoofer and disconnect it. Remove one (1) push clip on both left and right side interior trim panels. Pull back the trim to expose the three (3) 10mm taillight nuts. Disconnect the taillight harness and push the grommet through.

Step 7b: Driver Side

Loosen the body harness module bracket (no need to fully remove) to access and disconnect the taillight harness. Proceed as with the passenger side.

Step 8a: Connecting Red/Orange Wire & Optional Amber Hazard

Inside the box is a red/orange wire:

- Function 1 (Required): Connects both taillights for communication with the body control module. This is Required for RGB
- Function 2 (Optional): Converts red hazard lights to amber.

For earlier versions of the product: route the wire from the outside left taillight through the center to the right tail light and into the cabin using the same hole as the right side tail light.

For newer versions of the product: wiring can be done internally, within the cabin. If you do not want amber hazards, tape off the exposed end and leave it disconnected.

If you do want amber hazards, splice the wire into the yellow wire on the high-mounted stop light.

Step 8b: Install the New Taillights

Mount your new Euro taillights in place. Reconnect all plugs and test functions before reassembling anything.

Step 9: Final Reassembly

Clean and re-tape the adhesive on the side brackets. Reinstall all parts in reverse order of removal. Double-check clip engagement and screw tightness.

RGB App Setup:

This app setup only applies to the Pre-Manufactured RGB Taillights. Your Pre-Manufactured Taillights will be in pairing mode until you set this up.

- Go to the Apple App Store or Google Play and download & install “LED HUE”
- With the vehicle on connect to the BT Controller named “BT24” and click “Enter”, the settings will prepopulate
- From inside the vehicle, using the light dial, switch the lights to off “0” and back into “auto”
- Select your color or show mode you would like to display. Our favorites are numbers 77,75,78,103,108,111 & 119
- Before turning RGB off to use your brakes normally you will need to select the “SOLID RED” option, then turn off and disconnect from the controller.

Note: If you can only control one of the RGB taillights, you need to ensure that the orange wire is connected firmly to each side of the taillight as this wire allows the lights to communicate with each other.

Note: If you do not turn your lights back to RED before turning off your vehicle, your RGB lights may continue to stay on after you power off your vehicle for a few seconds

Note: If you cannot find the BT24 in the device list, ensure that your device Bluetooth is turned on.

Note: These taillights are not equipped with RGB Flow series lighting. This product uses standard RGB boards. RGB Flow is not compatible with pre-manufactured components due to the complexity of the wiring and communication with the BCM.

Warning: RGB Lighting is not intended for use on public roads. Auto Addict USA INC is not responsible for citations issues due to the use of our product on public roads. Please only use this feature while the vehicle is stationary. Show Use Only.