

# Styling/Light Bar 500 Installation for 2005+ Mustangs

## Remove Back Seat:

1. Locate the retainers securing the seat bottom into the vehicle, approximately 10 inches from the end of the cushion, either side. Use your thumb to push in retainer release tab. Lift the seat up to remove.



2. Remove the two 13mm screws securing the seat back, located on each lower corner. Lift seat upward to release seat back from brackets at the top. You can carefully prop the seat back under the retracted top (see Figure 2 below), use caution if choosing this method not to damage or scratch the vinyl of the seat. You can remove the seat from the vehicle completely by disengaging the flanges securing the top of the rear seat to the fabric of the convertible top well (see Figure 3 below).



To remove rear seat back, you must disengage the fabric flange between the rear seat and the convertible top well.

## Remove Quarter Trim Panels:

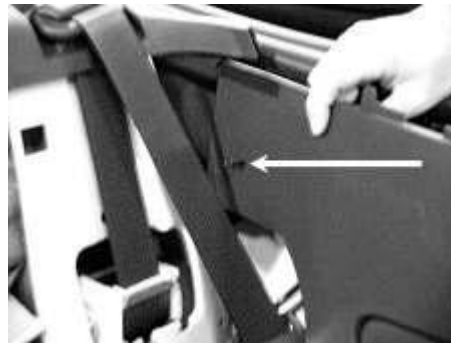
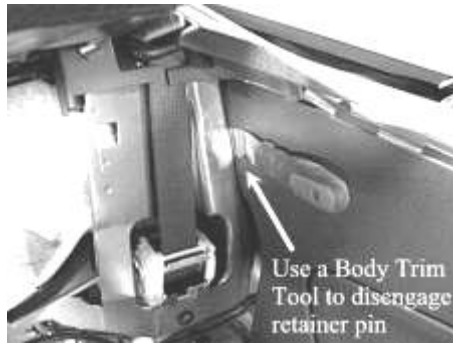
1. Grip the Quarter Trim Panel Cap at the shoulder strap opening and lift up to dislodge the retaining clips.



2. The inside Quarter Trim Panels are two-piece panels. Remove the upper portion of the Quarter Trim Panel from the vehicle; it is not necessary to remove the lower portion. Pull the forward edge of the trim Panel over the pinch weld in the doorjamb.



3. Use a Door Trim Tool (Fork Tool) to dislodge the pushpin retainer at the rear edge of the Trim Panel approximately 4" down from the top, pry Trim Panel toward the outside of car to release retainer.



### **Install Light Bar Brackets:**

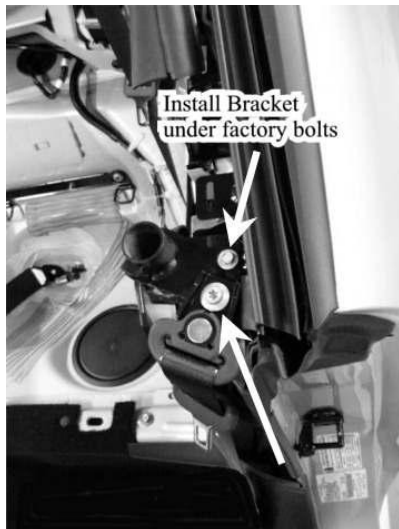
1. Remove the shoulder belt guide retaining bolt with a T-50 Torx Bit. Remove the 10mm head bolt directly behind the shoulder belt guide.



2. Install the Styling Bar Bracket to the vehicle using the factory bolts removed in the above step.

**NOTE:** Factory Seatbelt Bolts are not intended only as locators for the Light Bar Brackets, NOT to secure the Brackets. Torque seatbelt guide bolt (T-50 Torx) to 30 lb-ft.

3. With the Styling Bar Bracket in place and secured by the 10mm head bolt and the shoulder strap guide bolt reinstalled and tight, center punch through the two Bracket attachment holes. Drill 1/4" pilot holes through Bracket hole into sheet metal. Enlarge pilot holes to 5/16".



**NOTE:** It is imperative that the shoulder strap guide bolt spacer fit inside of the clearance hole of the Styling Bar Bracket so that the seat belt functions properly and the Styling Bar Bracket fits properly. It is very important that you protect the seat belt and the shoulder strap retractor from the cutting debris that is created during the drilling process. We recommend using a magnet to catch the debris.

4. Install the Button Head Screws through the Bracket, place nuts on the inside of the body channel, securing Bracket to the vehicle. Tighten Button Head Screws.
5. Repeat installation steps for Light Bar bracket on the opposite side of car.

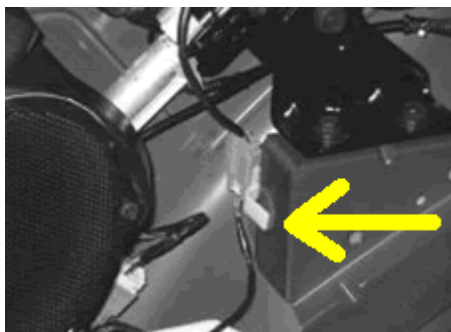


**Wiring Light Bar LED: \*\*Year Specific\*\*- Read ALL instructions carefully before beginning!\*\*\*\*\***

### 1. LIGHT BAR GROUND (Black) WIRE

All Years: Locate the plug behind the passenger side quarter trim panel, to the rear of stereo speaker. Remove connector from the sheet metal by dislodging the retainer clip.

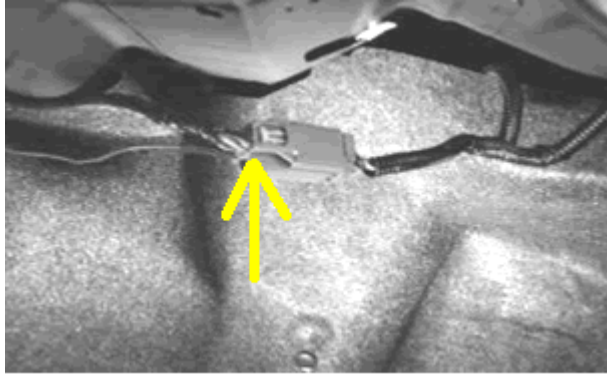
Locate the factory White Wire with Purple Stripe (solid White on some 2011+ cars) within the connector. From the back of the connector (no need to disconnect/separate connector halves), push the metal terminal of the Light Bar Wiring Harness Black wire into the same connector opening alongside the metal terminal of the White or White/Purple wire. Secure the Black wire to the factory harness with a 4" Zip Tie. Place Zip Tie immediately behind the shrink wrap on the Black Wire Pin. Tug Black wire to verify that Zip Tie and Pin are secured. Wrapping the wire to the factory wires with electrical tape can provide additional support.



## 2. LIGHTBAR POSITIVE (Red) WIRE

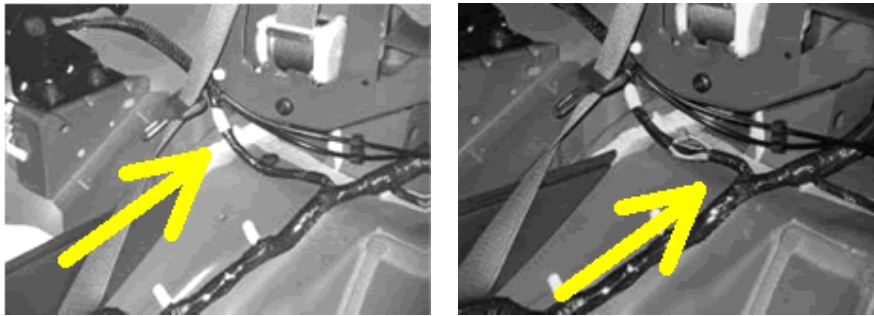
### 2005-2009 Models:

Route the remaining red Light Bar Harness wire into passenger side of trunk, following existing wire harnesses next to convertible pump. Locate the wire harness connector on the passenger side of the trunk, attached to the under-side of the **package tray** area. The connector is located along the wire harness that feeds the trunk lid. Remove connector from the sheet metal by dislodging the retainer clip to aid in Light Bar wire installation. Locate the factory Tan Wire with Blue Stripe within the connector. From the backside of the connector, push the metal terminal of the Light Bar Wiring Harness Red wire into the same connector opening alongside of the metal terminal of the Tan/Blue wire. Secure the Red wire to the factory harness with a 4" Zip Tie. Place Zip Tie immediately behind the shrink wrap on the Red Wire Pin. Tug Red wire to verify that Zip Tie and Pin are secured. Wrapping the wire to the factory wires with electrical tape may provide additional support.



### 2010-2011 Models:

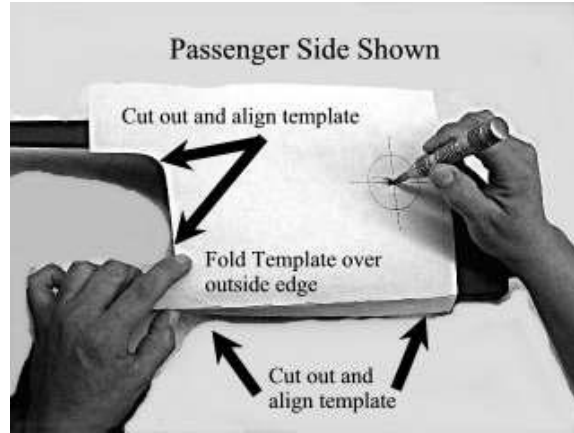
Locate the wire harness on the passenger side leading to the trunk. There is a branch coming from the main bundle that runs outward, this is where you will find the 2010+ positive trigger wire. Attach the Red T-Tap Connector to the Yellow w/Brown stripe wire in 2010 Mustangs. In 2011+ Mustangs, use Yellow w/Silver stripe. Cut the spade terminal off of the Harness Red wire, strip end, and crimp on the Light Blue Connector. Route red wire behind quarter trim panel and plug Red wire w/Light Blue Connector into the Red T-Tap.



1. Temporarily plug Light Bar into Harness and press the brake pedal to verify proper function of LED. If LED doesn't illuminate when brake pedal is depressed, check your connections at both connections. When verification is complete unplug the Light Bar from the Light Bar Vehicle Harness and set aside.
2. Reinstall the upper portion of the Quarter Trim Panels on both sides.

### Cutting holes in Quarter Trim Panel Caps:

1. Cutout the Template (supplied in kit) and place on the Passenger Side Trim Panel Cap and align as directed on the Template. Center punch the 2" hole center point, remove the template and drill an 1/4" pilot hole. Follow in the pilot hole with a 2" Hole Saw.
2. Flip Template over and place on the Driver Side Trim Panel Cap and repeat the above steps for marking and drilling the 2" hole.



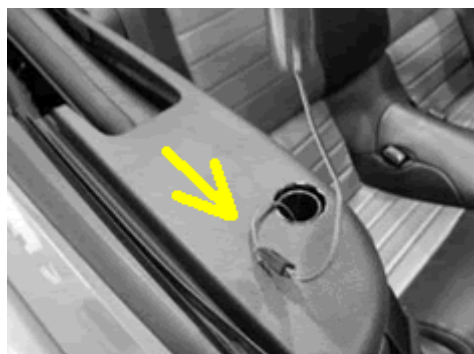
### Reinstall Quarter Trim Panel Caps:

1. Install the Trim Panel Caps onto their respective sides and verify that the 2" holes drilled in step #4 do not obstruct the Styling Bar Bracket receiver tube. If the receiver tube is blocked, trim the Cap as necessary to achieve an unobstructed path for the Styling Bar to install into. The Connector end of the ABC Light Bar Harness MUST extend out of the Bracket to allow for connection to the Bar.



### Installation of the Light Bar:

1. Plug the Connector from the LED into the Vehicle Harness installed in the previous steps. Step on brake pedal to verify proper LED function. If LED doesn't illuminate when the brake pedal is depressed. Check your connections at the truck connector then the connector behind the Trim Panel. Push wire down through the Light bar bracket receiver tube while lowering the Light Bar ends into the Mounting Brackets.



2. Styling Bar evenly into Mounting Brackets. Lower Bar down to the tops of Trim Panel Caps. With the bottom of the Styling Bar flat on the surface of the trim panel Caps; tighten the Styling Bar Bracket Set Screw.

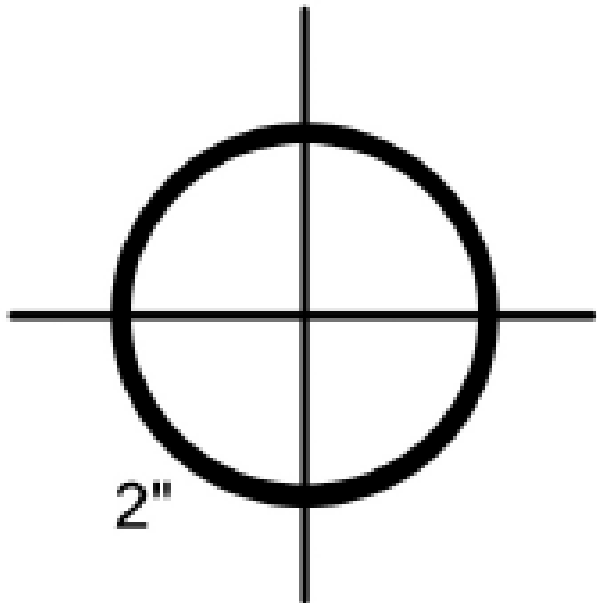
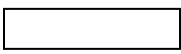


**Reinstall your back seat:**

1. Reinstall by reversing step 1.
2. Clearance Convertible Top:

Cycle the convertible Top to the half-way point. Locate the elastic band that top to the frame at the forward end of the rear window seal.





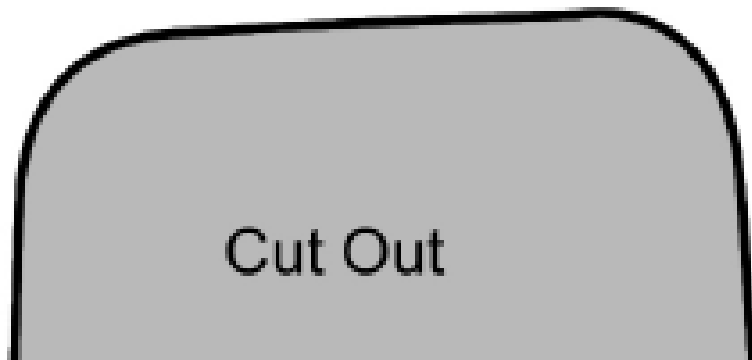
**05 and up Mustang Light Bar**

Scale in 1" increments

*This side up when marking passenger side.*

*Flip over to mark drivers side*

**FOLD ALONG DOTTED LINE**



Cut Out

Cut Out

Cut Out