



Classic Light Bar 2005/2006 Mustang

Note: Read installation instructions before starting.



Component List:

- | | |
|--|--------------|
| □ 1 – Light Bar | Part #110000 |
| □ 1 – Driver Side Bracket w/Set Screw | Part #115003 |
| □ 1 – Passenger Side Bracket w/Set Screw | Part #115004 |
| □ 4 – Button Head Screw | Part #117000 |
| □ 4 – Flange Nut | Part #117001 |
| □ 2 – Blue Male Electrical Connector | Part #182003 |
| □ 2 – Red T-Tap Electrical Connector | Part #117032 |

Tools Required:

- | | |
|-------------------------|-----------------------|
| 3/8" Drive Ratchet | Drill Motor |
| 3/8" Drive 3" Extension | 1/8" Drill Bit |
| 3/8" Drive 10mm Socket | 5/16" Drill Bit |
| 3/8" Drive 13mm Socket | 2" Hole Saw |
| T-50 Torx Bit | Trim Tool (Fork Tool) |
| 1/4" Allen Wrench | Wire Crimp |
| 3/16" Allen Wrench | Center Punch |
| 1/2" Wrench | Hammer |
| | Pliers |

**The Classic Light Bar is NOT intended to protect in the event of a rollover.
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1. Remove Back Seat:

- A) 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.

Figure 1



- B) 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).

Figure 2



Figure 3



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

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2. Remove Quarter Trim Panels:

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

Figure 4



- B) 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.

Figure 5

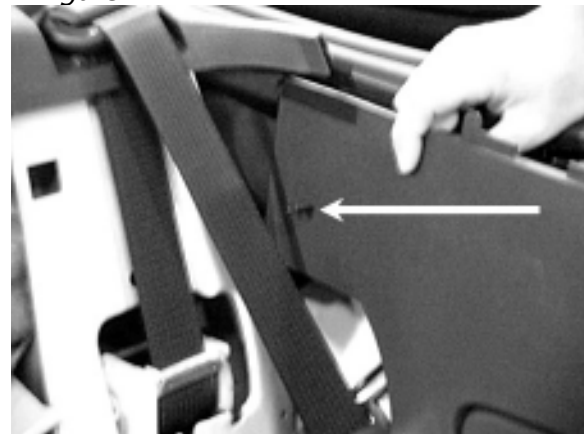


- C) Use a Door Trim Tool (Fork Tool) to dislodge the pushpin retainer at the rear edge of the Trim Panel approximately 4" down from the top, pry Trim Panel toward the outside of car to release retainer.

Figure 6



Figure 7



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3. Install Light Bar Brackets:

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

Figure 8



- B) Install the Light Bar Bracket to the vehicle using the factory bolts removed in the above step.

Note:

Torque seat belt guide bolt (T-50 Torx) to 30lb-ft.

- C) With the Light 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 $\frac{1}{8}$ " pilot holes through Bracket hole into sheet metal. Enlarge pilot holes to $\frac{5}{16}$ ".

Figure 9

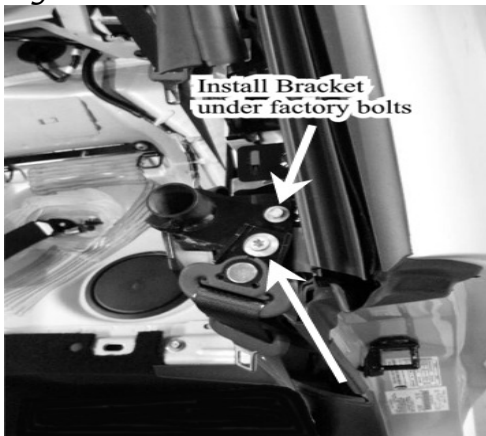


Figure 10



Note:

It is imperative that the shoulder strap guide bolt spacer fit inside of the clearance hole of the Light Bar Bracket so that the seat belt functions properly and the Light 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.

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- D) Install the Button Head Screws through the Bracket, securing Bracket to the vehicle, and tighten.

Figure 11



- E) Reinstall the upper portion of the Quarter Trim Panels.

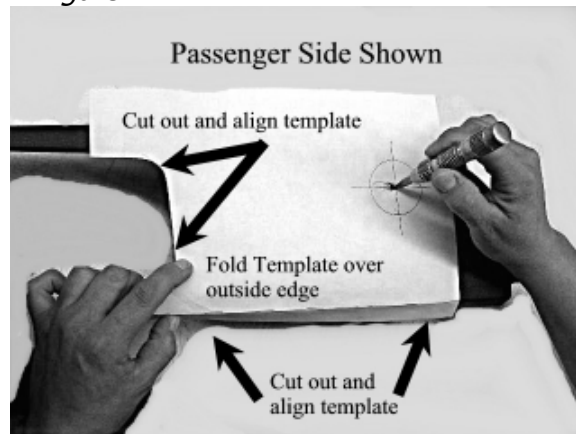
Hint:

Before reinstalling the Trim Panel on the passenger side of the vehicle, run a "fish wire" through the Light Bar Bracket, behind the speaker and behind the lower portion of the Quarter Trim Panel to aid in the routing of the LED signal wire.

4. Cutting holes in Quarter Trim Panel Caps:

- A) 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 1/8" pilot hole. Follow in the pilot hole with a 2" Hole Saw.
- B) Flip Template over and place on the Driver Side Trim Panel Cap and repeat the above steps for marking and drilling the 2" hole.

Figure 12



5. Reinstall Quarter Trim Panel Caps:

- A) Install the Trim Panel Caps onto their respective sides and verify that the 2" holes drilled in step #4 do not obstruct the Light Bar Bracket receiver tube. If the receiver tube is blocked, trim the Cap as necessary to achieve an unobstructed path for the Light Bar to install into.

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6. Installation of Classic Light Bar:

- A) Feed the LED wire down through the Light Bar Bracket receiver tube, down behind the trim panel and out of the bottom of the trim panel **OR** Attach the LED brake light wire to the "fish-wire" (placed in step #3c). Pull LED wire down behind trim panel/speaker and out from the bottom of the trim panel.
- B) Lower Classic Light Bar evenly into Mounting Brackets. Lower Bar down to the tops of Trim Panel Caps. With the bottom of the Light Bar flat on the surface of the trim panel Caps; tighten the Light Bar Bracket Set Screw.

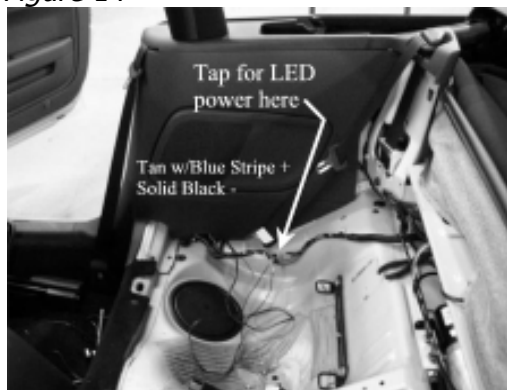
Figure 13



7. Connecting the Brake Light:

- A) With the bar in the car and secured, you will need to connect the wires for the brake light. You will find a wire harness on the passenger side rear seat area; it is located under the seat bottom along the Quarter Trim Panel bottom edge. Cut the black tape around the bundle of wires and locate the **Tan wire with a Blue stripe (power) and Solid Black wire (ground)**. Tap these wires with the Red electrical connectors (supplied in kit). Squeeze tap connectors onto wires with pliers. Crimp Light blue connectors to the wires from the light bar. Plug connectors together. Test the brake light by depressing brake pedal. If light does not work, reverse your connections as the LED is polarized.

Figure 14



8. Reinstall your back seat:

Reinstall by reversing step 1.

Thank you for choosing Classic Design Concepts for your restyling needs. If you have any questions or concerns regarding installation please contact

Tech@classicdesignconcepts.com or call 248-624-7997.