

R-1180

6th generation (2015+) Mustang Harness Mount Bar Installation Instructions

A. Install harness bar

1. Remove front seats.

First remove the plastic bolt covers front and rear using a small flat head screw driver. Slide the seat all the way forward and remove the rear torx bolts. Slide the seat all the backwards and remove the front torx bolts. Move seat to center position on slider. Lower seat to it's lowest position. Repeat on other seat. Disconnect battery ground cable under hood. Tilt seat backwards, disconnect seat harness, remove seat from car. Repeat on other seat.

Note: Do not disconnect harness plugs until battery ground cable is disconnected from car.



2. Remove rear seat.

Seat is secured by two latches, which would be positioned between your legs if you were seated in either of the back seats. Latch mechanism pictured below. To release, push in the center portion in while lifting. No force should be necessary-- when the latch is properly released, the seat will easily lift out.



3. Loosely install rear brackets.

The rear brackets mount under the outer factory lap belt mount points. Remove the bolt securing lap belt. Place the harness bar mounting bracket between the chassis and the lap belt mount tab, with the spherical portion of the mount hole aimed towards the center of the car. Insert (factory) bolt until it is snug, but the mounting bracket can still move with some effort. Repeat on other side.



4. Temporarily install bar for alignment and spacing.

Carefully place harness bar in the back of the car. Rest the bar upright, against the back seat. Install the included 7/16-20 x 3/4" bolts that attach the harness bar to the mounting bracket on both ends.



5. Set mount bracket alignment and spacing.

Snug the factory lap belt mount bolts fully to the chassis. Once tightened, the harness bar mount brackets will be locked in position and rotation.

6. Remove harness bar and reinstall back seat.

Remove the two bolts securing the harness bar to the mounting brackets. Remove harness bar from the car. Guiding the factory belts and belt clips through the seat, reinstall rear seat. Seat should be snugly inserted in the rear first, then rotated downward to allow the clips to refasten.

7. Reinstall bar.

Going forward, there is no longer a need to remove the back seat to remove/install the harness bar. To install bar, place upright in back seat, resting against seat back. Compress the seat bottom cushion sufficiently to access the mount, reattach bar

using the same bolts as during alignment. Leave harness bar rotated up, resting against seat back, until down tubes are installed.



B) Add clip in harness mount to stock seat

The clip in harness mounts between the factory seat belt receptacle and the seat. The factory torx bolt is reused. Remove torx bolt, remove the retaining clip securing the bolt to the buckle with needle nose pliers, insert supplied clip in harness adaptor, reinstall on seat. The location tab on the factory mount location should pass through the hole on the clip in mount, into the locating hole on the factory seat.



C) Install harness bar down tubes

1. Trim plastic trim panel to allow access to outside belt mount point. There are two ways to do this depending on your comfort level. The easier way is to unclip the lower portion of the trim panel and pull it away from the B-pillar. Place something behind it to ensure it does not slip back towards the B pillar. Lay paper or a cloth under and behind and trim off the bulge in the pillar. The easiest tool for the job is a dremel with a multipurpose cutting bit. If using this technique, be extremely careful not to cut anything behind the plastic trim panel. If not confident in your ability to not cut anything behind the trim panel, remove the trim panel from the car and trim the bulge off there. After trimmed, fully reinstall trim panel to car.



2. Remove the factory bolt at the front of the seat belt pre tensioner (now exposed by cutting the trim panel). Factory bolt will not be reused, set aside.

3. Bolt the down tube to the pre tensioner bolt hole.

The factory bolt is replaced with a combination of the included M10 x 50mm bolt and a spacer (pictured below). The spacer should be installed with the end that is closer to the flange aimed towards the inside of the car. The design of the spacer allows it to be used in place of the factory bolt with or without the down tube (if you wish to drive with the bar removed when not on track)-- the down tube fits over the spacer. For now, bolt down tube to bottom mount point, sitting on the spacer, pressed up against the flange. Make snug but not tight, allowing the down tube to still move (for now).

Spacer:



4. Attach down tubes to harness bar.

Rotate the harness bar forward and down. Adjust the height of the end links in the down tube until they are at the desired harness bar height. Using the included 3/8-24 x 1.25" bolts, attach the down tube drop links to the harness bar end plugs.

5. Tighten everything.

Tighten bolts at harness bar mounts. Tighten bolts at down tube base. Tighten bolts at end of down tube end links.

D) Reinstall seats

Do not reconnect battery until both seats are plugged in.