



**BIKE MAIER INC**

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**REMOVABLE HARNESS BAR KIT**

**2015+ FORD MUSTANG**

**FMUF170100**

# INSTALLATION INSTRUCTIONS

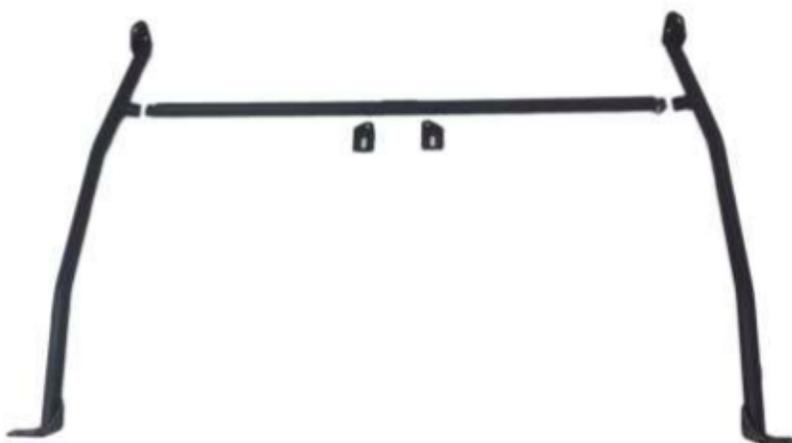
## BEFORE STARTING

Read all installation instructions to their fullest before beginning the installation of your product. Always make sure to wear the appropriate safety equipment when working on your vehicle and that the car is safely placed on jack stands. If any questions arise before/during/after you install the product please call MMI at 925-443-6300 or email us at maier@mikemaierinc.com.

**NOTE: All work should be performed by a qualified technician.**

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## INCLUDED IN THIS KIT



ITEM NO.	DESCRIPTION	QTY.
1	Driver Side Vertical Bar	1
2	Passenger Side Vertical Bar	1
3	Harness Cross Bar	1
4	¼" hex socket cap screws	2
5	Upper Mounting Spacer	2

## TOOLS

- T-50 star wrench or T-50 socket
- ¼" hex (Allen) wrench or ¼" hex socket
- Ratchet and short extension (if using star and hex sockets)
- Small flat blade screwdriver
- Small prybar or large flat blade screwdriver

## A. PREPARING FOR INSTALLATION

1. Slide both front seats all the way forward.
2. Tilt seat backs all the way towards the front of the car.
3. Using the small flat blade screwdriver, carefully pop the floor bolt trim caps off of the rear end of the seat sliders. When looking down at the square trim caps, insert your screwdriver along the back edge and pry upward. Be careful here not to scratch the plastic trim pieces.



*Figure A.3 – Removing the trim caps to get to the seat slider bolts*

4. Using your T-50 star wrench (or ratchet and T-50 socket), remove both rear seat slide bolts and place at the back of the foot well out of the way.
5. Using either your small screwdriver or fingers, remove the seat belt shoulder point trim cap. It can be removed by prying on the top point of the cap. Also, at this point it is helpful to pull a foot or so of seatbelt out and either tie a loose knot in it or pull it forward into the trim gap to hold the belt loose to facilitate an easier install of the harness bar.
6. Using your T-50 wrench, remove the shoulder point bolt.



*Figure A.6 – Removing a shoulder point bolt*

7. Unscrew the speed washer and remove the stock spacers from the bolt.



*Figure A.7 – Showing the disassembly of the stock spacers*

8. Repeat steps 3-7 on the opposite side of the car.

## B. HARNESS BAR VERTICAL MEMBER INSTALLATION

1. Push forward on the headrest and using your prybar or large screwdriver, lift the rear side of the seat slides slightly off the floorpan.

*Note: There is a locating pin on the seat sliders that fits into the floor. Ensure that you do not lift the slides too far off the floor or else you will have to remove the front seat bolts to reset the pin back in its locating hole.*

2. Begin by sliding the lap belt bracket underneath your inner seat slide and aligning the bolt hole. Be sure to install the bracket so that the vertical tab is against the transmission tunnel, so that your lap belt will install at a proper angle.
3. Slide the vertical bar floor bracket underneath the outer seat slide mount and align the bolt hole. Thread your floor bolts (they are the matching shorter T-50 bolts you removed) into their holes and loosely hand tighten. Do not tighten completely at this time.
4. Install the provided spacer into the shoulder point bracket at the top of the bar. *Note: Due to very slight differences in powder coating thickness and manufacturing tolerances on your vehicle, you may have to lightly sand the inside of the hole on the shoulder point bracket so that the spacer fits through and allows the bolt to align properly with its hole in the B-pillar. Be sure to sand this hole very slowly (if needed at all), as making the hole too large will result in a noise while driving your vehicle.*
5. Thread your B pillar bolts (they are the matching longer T-50 bolts you removed) into the spacer and loosely hand tighten. Do not tighten completely at this time.
6. Repeat steps 1-5 on the opposite side of the car.

## C. HARNESS BAR INSTALLATION

1. Next you will need your removable crossbar and the (4) ¼" hex socket cap screws. Notice the name plate in the center of the cross bar, this should be facing forward and oriented upright. With the crossbar in this orientation, install by mating the clevises on either end to the matching clevises on the vertical bars and installing two hex socket screws on either side and tightening them (this is easiest either with a helper on the other side of the car from you or by sitting in the back seat). Each clevis has one screw that installs from the front and one from the back.



*Figure C.1 – Bolting the harness bar to vertical members*

2. Tighten the B pillar bolt until tight.

*Note: You will notice that the shoulder point brackets are a tight slip fit on the spacer you installed, and the shoulder point bolt does not tighten down against the bracket. This is the proper fit as it is designed, the bolt tightens against the spacer. The shoulder point bolt should be tight and the shoulder belt guide should freely swing to allow for proper belt movement just as it did in the stock configuration.*

3. Tighten the floor bolt until tight.
4. Replace the covers on the seat rails and the upper B pillar cover.
5. Because of low clearance at the roof line, we had to keep the shoulder point bracket low. This may necessitate shaving/sanding a chamfer into the back of the shoulder point trim cap. This is easily accomplished with a sander of your choosing or by using a sharp pocket knife and dragging the blade across the back of the trim cap at a 45° angle, shaving the corner off until the cap fits properly.
6. Repeat steps 2-4 on the opposite side of the car.