



S550 Mustang Convertible 4 POINT BOLT-IN ROLL BAR(2015+)

Roll bar installation

- 1) Open top
- 2) Remove rear seat – Lower seat section, push on seat towards rear of the car and pull upward to release seat from the vehicle. Upper seat, remove the 2 fasteners located at the bottom of the seat back to floor. You will need to push the seat back upward to unlatch it from the vehicle.
- 3) Remove all rear plastic panels using an Upholstery Clip Removal Tool and other necessary tools.
- 4) Loosen seat belt retractor at rocker panel and B pillar. You will need to dislodge the metal arm from the body that locates the retractor to the correct orientation in the vehicle. Once the metal arm is free from the body, you will need to rotate the retractor towards the back of the vehicle and tighten the fasteners down. This will allow you to install the main hoop quicker and not having to remove the retractor from the vehicle. After the hoop is installed this will need to be put back into position again.



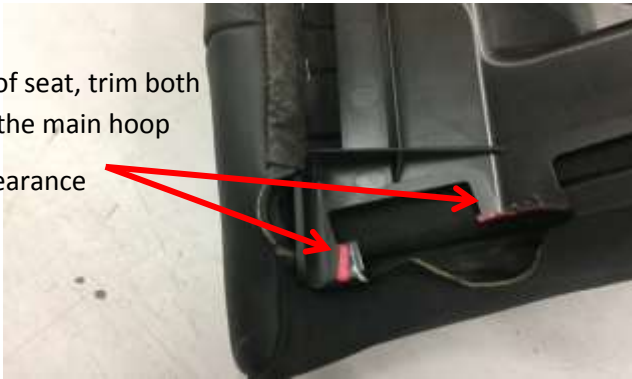
- 5) Remove the bolts from the rear seat belt retractors. Try to keep the retractors in position until the bolts are re-installed.
- 6) Remove the 6 fasteners at the B-pillar and rocker. This will be where the main hoop will be attached.





- 7) Use the upholstery tool to free the wiring harness from the floor allowing the main hoop to be maneuvered below the harness.
- 8) Rear seat clearance. You will need to make clearance for the hoop at each side of the bottom seat. You can use a grinder or cut off wheel or tin snips will work just as well. Use the photo to lay out the area to be trimmed. This will not affect the upholstery at all. The upholstery is attached to the plastic form with plastic clips. In the area to be trimmed, remove the clips freeing the upholstery. You can now cut the plastic form. Once the form is trimmed you may want to cut off the upholstery clip with scissors so it is not hanging.

Front edge of seat, trim both sides for the main hoop clearance



Installing the cage:

- 1) With a second person to help, place the main hoop into the vehicle from either side. While one person holds the hoop the other can maneuver the hoop under the wiring harness and behind the carpeting. Keep the hoop leaning towards the front of vehicle. You will need to install one side at a time to make it easier, then repeat on the opposite side. Once the hoop brackets are beneath the harness you can rotate it towards the rear of the vehicle into its final position. You can now install the new fasteners that are included in the kit. **Please leave fasteners loose** at this time.



- 2) Install one of the rear bars temporarily so that you are able to tighten down the main hoop into the correct position using the fasteners included in the kit. Tighten fasteners (6) to 27 foot pounds .



Re-insert the lower seat belt metal locating arm back into its original hole and tighten Retractor into its original position.

- 3) After the Hoop and seat belt retractor are tight you will need to trim the interior panels slightly as mentioned next.
- 4) Install the rear bars into vehicle next. These bars are handed and will only fit one way. Install one rear bar at a time as you will need to trim the side panels for clearance. These are minor cuts that will not be easily seen after the install is complete. Do not fasten down until panels are in position. See pictures below



Lower plastic trim (white line)



Upper plastic trim (white line)

- 5) After trimming the panels, install the lower panel by lowering it into position between the hoop and B-pillar until it is in the correct position. This piece will give a little trouble because of the space between the hoop and pillar. You may need to force the clip into the hole or the option is to remove that particular clip.
- 6) Install the upper panel next. Again you will need to lower it between the hoop and B-pillar. Please be careful not to puncture or damage the speaker as the panel is put into place. Once it is in position you may push the clips into their locking position. The plastic top cap will not need any modifications. Just install to finish the side off. Repeat on opposite side
- 7) You may now put the fasteners into the upper tube joint (socket head screw) torque to 25 foot pounds. Install the fastener at the rear seat belt retractor and tighten the bar into place. Torque to 47 foot pounds. Repeat this process for the opposite side. Do not put the fasteners into the lower pad yet.



- 8) Install the rear seat back into the vehicle. The seat brackets will fit over top of the rear bar lower pads and you can bolt them down together. Torque to 47 foot pounds.



- 9) After the cage is tightened, you can put the harness back into its original position.
10) Re-install the lower seat into position and push down to lock it into place



NOTE: This product has been designed and manufactured for off road racing. We strongly recommend that that NO PERSON ride in the rear seat while roll bar is installed.