



TBR001

79-04 MUSTANG UPPER AND LOWER TORQUE BOX REINFORCEMENT

UPPER

Tools required:

Jack and jackstands
Ratchet
Sockets: 9/16", 18mm, 19mm
Wrenches: 9/16", 18mm, 19mm
Drill with 3/8" and 1/2" bits
Rust preventative paint

NOTE: Reinforcement plates are supplied bare to give the option of welding the plates in. If you don't plan to weld the plates, paint the plates before installing with a rust preventative paint.

Installation:

1. Remove rear seat by pulling the front of the seat upward. Remove upper section of rear seat.
2. Lift rear of vehicle and position jackstands under the frame rails. Allow the rear end to hang and support with jack.
3. Using 18mm socket and wrench, remove upper control arm bolts from chassis.
4. Using 1/2" drill bit, drill upward through the factory hole in the upper torque box through the floor pan as shown in **IMAGE 1**. **NOTE: Holes need to be drilled as straight upward as possible.**
5. Position lower reinforcement plate as shown in **IMAGE 2** and install the two 1/2" bolts.



6. From inside the vehicle, position the upper reinforcement plate as shown in **IMAGE 3** and install the angled spacers, followed by the 1/2" washer and 1/2 lock nut.





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continued

7. Using the lower reinforcement plate as a template, drill two 3/8" holes and install two 3/8" bolts as shown in **IMAGE 4**.

8. Install 3/8" washers and 3/8" lock nuts as shown in **IMAGE 5**.





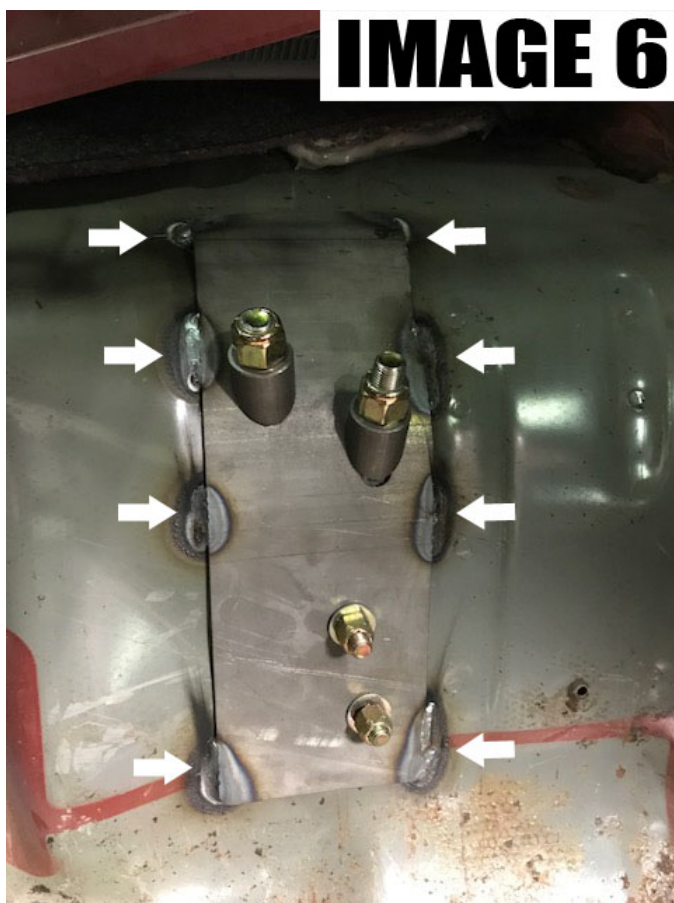
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continued

9. If welding, weld areas shown in **IMAGE 6** and paint both plates and weld area with rust preventative paint as shown in **IMAGE 7**.

10. Reinstall upper control arm bolts and back seat.





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LOWER

Tools required:

Wrenches: 18mm, 9/16", **21mm (1994+ only)**
Sockets: 18mm deep, 9/16" with extension, T50 torx bit, **8mm (1994+ only)**
Drill with 3/8" bit
Flathead screwdriver
Jack and jack stands
Rust preventative paint
Crescent wrench or pliers (1994+ only)
Body saw or cutoff wheel (1994+ only)

NOTE: Reinforcement plates are supplied bare to give the option of welding the plates in. If you don't plan to weld the plates, paint the plates before installing with a rust preventative paint.

Installation:

1. Remove rear seat by pulling the front of the seat upward.
2. Remove rear seat frame using an 18mm socket and T50 torx bit shown in **IMAGE 1**. **NOTE: Seat frame may differ based on year of vehicle.**

IMAGE 1



3. Remove rubber floor plugs using flathead screwdriver. **NOTE: Later models have ABS wiring routed through floor plug. Unplug the ABS harness as shown in IMAGE 2 and trim rubber plug to fit between upper and lower plate.**

IMAGE 2



4. Lift rear of vehicle and place on jack stands.

On 1994+ models refer to steps 5 - 7.

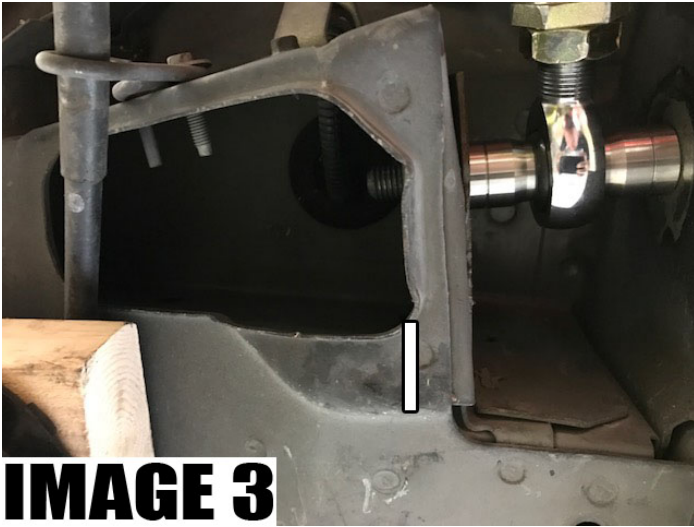
5. On later model vehicles, you may have to trim back material to allow the lower reinforcement plate to fit as shown in **IMAGE 3 and 4**.



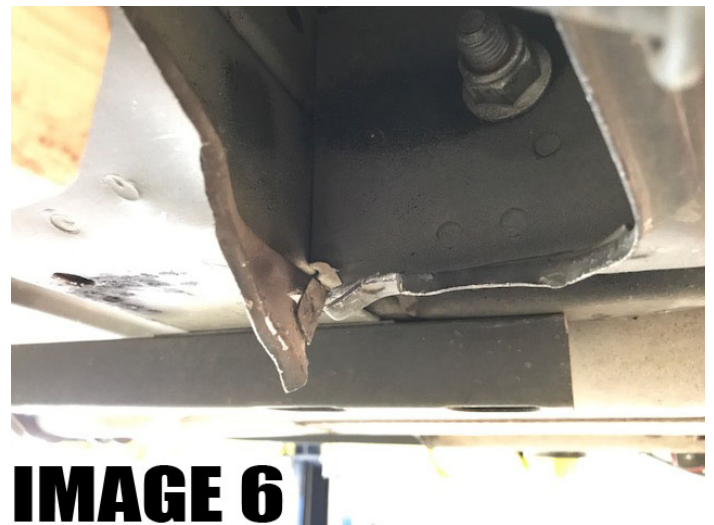
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6. Using a crescent wrench, pry the material back to allow the plate to fit as shown in **IMAGES 5 and 6**.



7. Remove two 8mm bolts holding e-brake and ABS harness as shown in **IMAGE 7**.



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continued

IMAGE 7



8. Using the 18mm socket and wrench (79-93) or 18mm socket and 21mm wrench (94-04), remove the nut from the lower control arm bolt but leave the bolt in place as shown in **IMAGE 8**.

9. Position lower plate as shown in and bolt in place. Drill four 3/8" holes as shown in **IMAGE 9**.





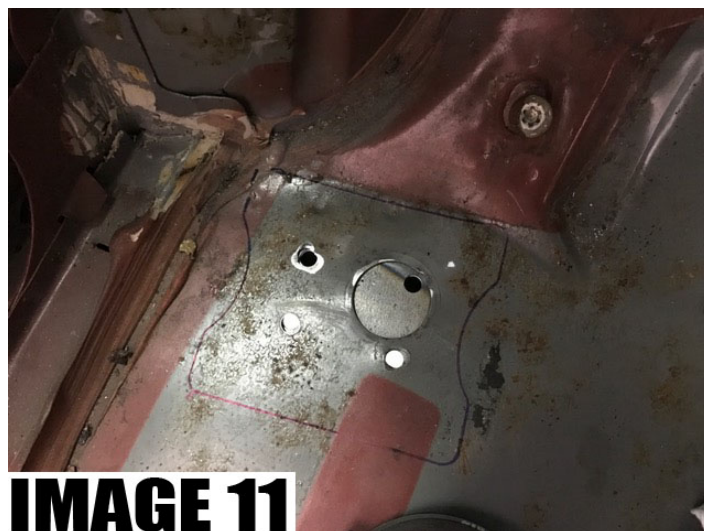
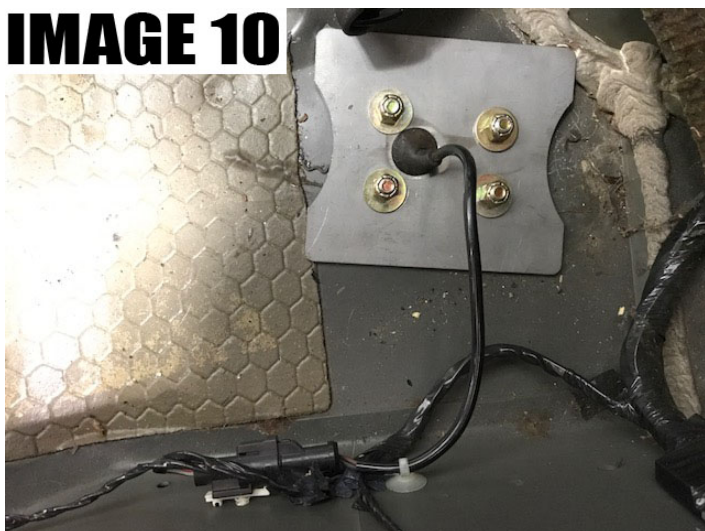
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continued

8. Place the upper plate in position as shown in **IMAGE 10**. (NOTE: If welding upper plates, mark the position of the plates and clean the area to be welded as shown in **IMAGE 11**.)

9. Using the 9/16" socket and wrench, bolt the upper plate in using the supplied hardware.



If welding, continue to steps 10 - 12. NOTE: If welding plates, use caution not to melt wiring harness or grommet.

10. Weld upper plate as shown in **IMAGE 12**.

11. Weld lower plate in the relief area as shown in **IMAGE 13**.

12. Mask off and paint plates and welded area.



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