



## Installing Torque Boxes

- 1) **Safety Notes – *Follow all instructions. Failure to follow instructions may result in property damage or serious or fatal injury. User assumes all liability.***
  - a) Remove battery.
  - b) If you are working within 24 inches of a fuel tank, remove tank. Check for leaking fuel on car. Clamp off or disconnect fuel line near tank. If tank leaks, remove it.
  - c) Keep flammable materials at least 20 feet from the car.
  - d) Remove interior panels and carpets that might burn in the area to be worked on.
  - e) Keep fire extinguisher and water hose near car.
  - f) Wear safety gloves and full eye protection.
  - g) Use a fire watch person when torch cutting or welding on any car.
  
- 2) **Preparing a Car for Torque Boxes**
  - a) Support vehicle properly over a solid, level floor. Use good safety stands or a lift. *Note: After car is raised, open and close doors to ensure that you will not be welding car in a bent position.* Usually a car that is sagging can be corrected by lifting the car from the transmission cross-member before welding. Convertibles are more likely to have this problem.
  - b) Remove all interior carpets, floor coverings, and any other material that can be damaged by heat. Clean all surfaces to be welded.
  
- 3) **Welding in Torque Boxes**
  - a) Position each torque box in the car, per photos on rear. *Note: In some cases, final fitting or trimming might be required for a good fit-up; this is due to manufacturing variances.*
  - b) After following the safety notes in step 1, tack part in place. If all looks good, finish mig welding part in place. A solid weld makes for maximum strength. Take your time and allow the part to cool sufficiently so you don't burn through the thin floor.

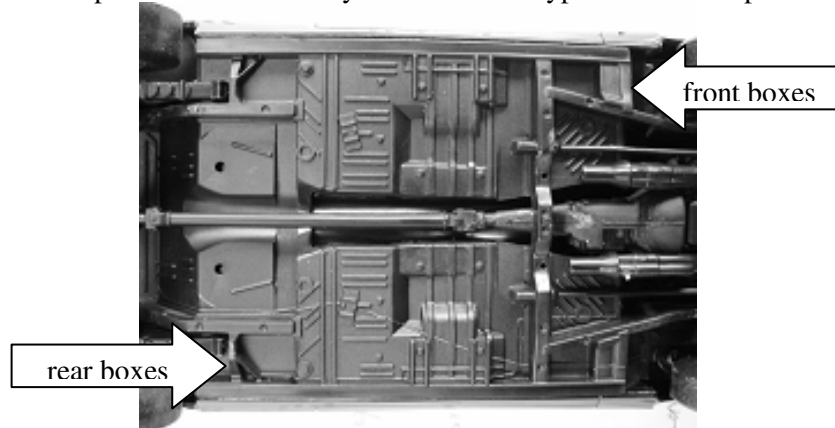
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#### 4) Finishing Repair and Rustproofing

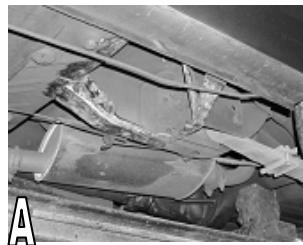
- a) After welded area has cooled, clean and prime. Top coat with paint or undercoating. Spray the inside of the torque box with WD-40 for extended repair life.

### Torque Box Locations

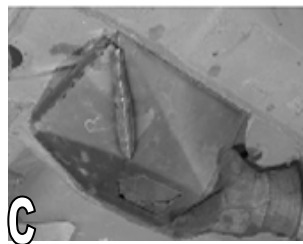
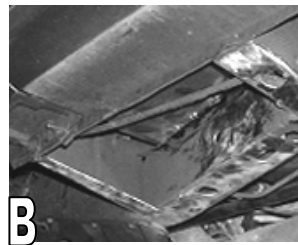
This photo shows a B-body. Locations are typical for all Mopars.



Rear spring perch should be prepared as shown in photo A.



Front subframe and torsion bar crossmember should be prepared as shown in photo B.



An article on installing torque boxes by Mopar Muscle Magazine can be found in the Safe-T-Cap Catalog or at ( [www.autorust.com](http://www.autorust.com) ).

*Technical support is available Mon-Fri 8-430 EST at (800) 407.7024*