



**Detroit Speed**  
**Rear Upper Shock Crossmember**  
1967-1969 Camaro/Firebird, 1968-1974 Nova  
P/N: 040601DS

The Detroit Speed rear upper shock crossmember is designed for relocating the upper shock mounts inside the frame rail. This is usually required when mini-tubbing the rear of the vehicle for larger tire/wheel combinations. This crossmember can be mounted for staggered rear shock mounting or non-staggered mounting.

1. Inner rear wheel tubs should be relocated and welded in final position.
2. Cut the shock crossmember to length. Measure the distance between the inner wheel tubs in the trunk. The crossmember is long to accommodate various wheel tub positions.
3. Position the crossmember so that the shock crossmember centerline is near the centerline of the original upper shock mounts.
4. Mark and/or scribe the trunk pan for the cut lines that will be approximately 6" wide. Use the shock centerline as a guide and measure 3" on either side for your cut lines. It is always a good idea to cut inside your lines; the section can always be made wider during final fitting.
5. Once the crossmember can be placed in position, determine your mounting height. The top of the crossmember should be approximately 1.5" above the trunk floor measured from the frame rail area. This will provide additional shock travel if ride height is lowered.
6. With the crossmember in position scribe the underside of crossmember with the trunk pan and floor pan. The crossmember can be removed and trimmed to trunk pan contours.
7. Weld crossmember in place on top and bottom of trunk pan.

**NOTE:** Before beginning installation ensure the vehicle is well supported with ample room to access both the trunk and underside of the vehicle. Disconnect the battery cables. Remove the gas tank and evacuate all flammable vapors from the work area before continuing. Remove the back seat and make sure all other interior and exterior panels are either removed, or well masked off to protect them during the process. Make sure all appropriate safety attire is worn and all equipment is in proper working condition.

If you have any questions before or during the installation of this product, please contact Detroit Speed at [tech@detroitsspeed.com](mailto:tech@detroitsspeed.com) or 704.662.3272

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