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Mopar B and E Body Torsion Bar Installation Instructions.

Thank you for purchasing our product. Sway-A-Way strives to produce the highest quality product in both form and function. .

Note: Read the entire instruction sheet prior to starting your installation. Torsion bars MUST be installed by a qualified mechanic.

Tools required for the work.

Floor jack.

Jack Stands (2)

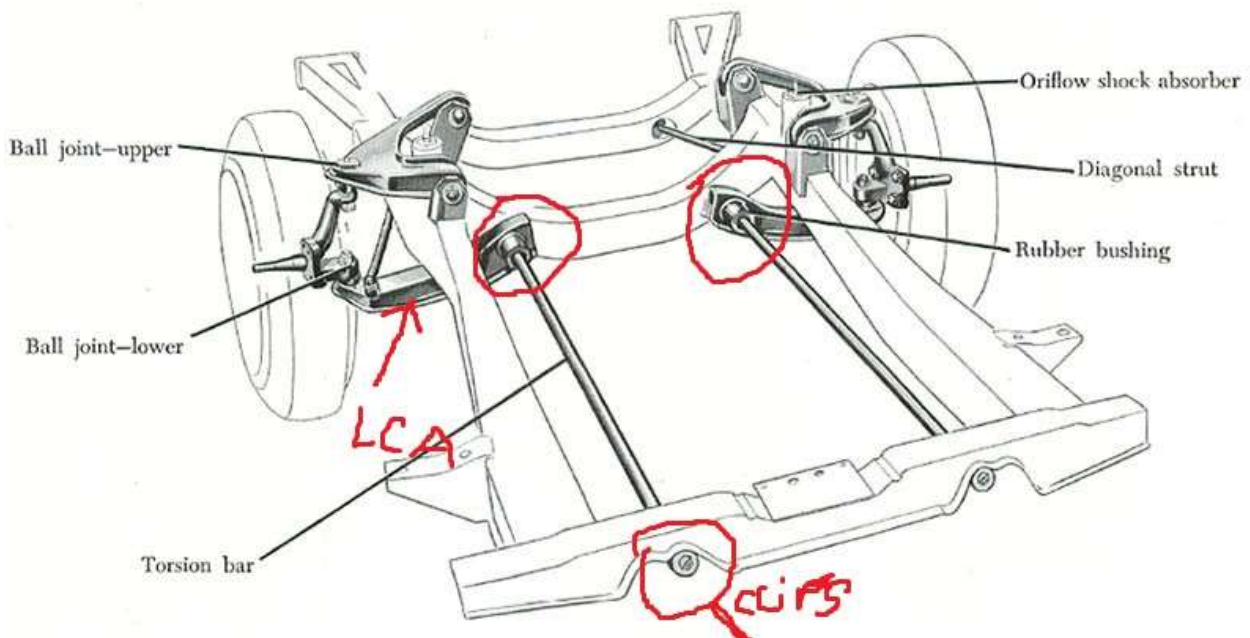
¾" socket and ratchet

Snap ring pliers or needle nose pliers.

1. Measure your ride height by taking a measurement from the top of the fender well to the ground and record that measurement for use in step 12.
2. Remove the Upper Control Arm Droop Stop.
This part limits the suspension from drooping out. Remove it before you put the car on jack stands in step 2.
3. Jack up the car and place it on jack stands on the frame. This will allow the front suspension to fully droop out. **Do not work under the car without placing the jack stands under the vehicle.**
4. Remove the torsion bar tension by backing off the adjuster bolt.
5. Remove the torsion bar retaining clip.

6. Mark the torsion bar with an L or an R to indicate what side of the car the bar came out of for future reference. Placing a torsion bar that came out of the left side and putting it on the right side will cause the bar to gain and lose rate.
7. Remove the old torsion bars. Use any of several tools available for this purpose. Do not grip the bar on the minor diameter of the bar as this will cause scratches on the surface that are bad for the torsion bar.
Tap the bar towards the rear of the car.
8. Clocking. The hex on each end of the SAW torsion bar is clocked so that the ride height can be adjusted properly. This clocking may be different than the stock bar because of the different rate.
9. Grease both ends of the torsion bar as well as the control arm cavity and the cross member cavity. Install the SAW torsion bars from the rear of the car making sure that you place the left bar on the left side and the right bar on the right side. It does not matter which end of the bar is towards the front or the back as long as the right bar is installed on the right side of the car and the left bar is installed on the left side of the car. SAW torsion bars have an L or an R stamped in one end of the bar. Using a floor jack, raise the control arm until the hexes line up on both ends and the bar can be fully installed.
10. Once the bar is in the proper position, insert the retainer clip in the cross member.
11. Adjuster setting. Tighten the adjuster bolt to about 5/8 of its total travel. This will be a good starting point. Lower the vehicle back on the ground and drive it around the block to fully settle the suspension.
12. Adjust the ride height to the desired setting.
13. Reinstall the droop stop.
14. Check and/or adjust the wheel alignment.

DODGE TORSION-AIRE FRONT SUSPENSION



Mopar Spring Rate Chart

PART NO	LENGTH (in)	DIAMETER (in)	Spring Rate (lb/in)
4820	35.8	1.030	233
4821	35.8	1.080	282
4822	35.8	1.140	350
4823	35.8	1.200	430
4824	35.8	1.240	490
4825	35.8	0.870	116
4826	35.8	0.960	176
4830	41	1.030	201
4831	41	1.080	243
4832	41	1.140	302
4833	41	1.200	371
4834	41	1.240	422
4835	41	0.960	152
4840	43.5	1.030	189
4841	43.5	1.080	228
4842	43.5	1.140	283
4844	43.5	1.200	347
4845	43.5	1.240	396
4846	43.5	0.960	142