



**Part # 11226110**  
**64-72 GM "A" Body Rear SA [CoilOver Kit](#)**

**Shock Assembly:**

2	24159999	5" stroke single adjustable shock
2	90002024	1.7" eye w/ rebound adjustment
4	90001994	.625" I.D. bearing
8	90001995	Bearing snap ring
2	90002010	Extended width T-bar (Install in eyelet)
4	90001980	T-bar snap ring

**Components:**

2	59120225	Coil spring – 12" long / 225 # rate
2	90002222	Spring retainer kit
4	90002043	Aluminum spacer - .5" I.D.
2	90002225	Upper frame reinforcement plate
1	90002224	Driver side lower ShockWave bracket
1	90002223	Passenger side lower ShockWave bracket

**Hardware:**

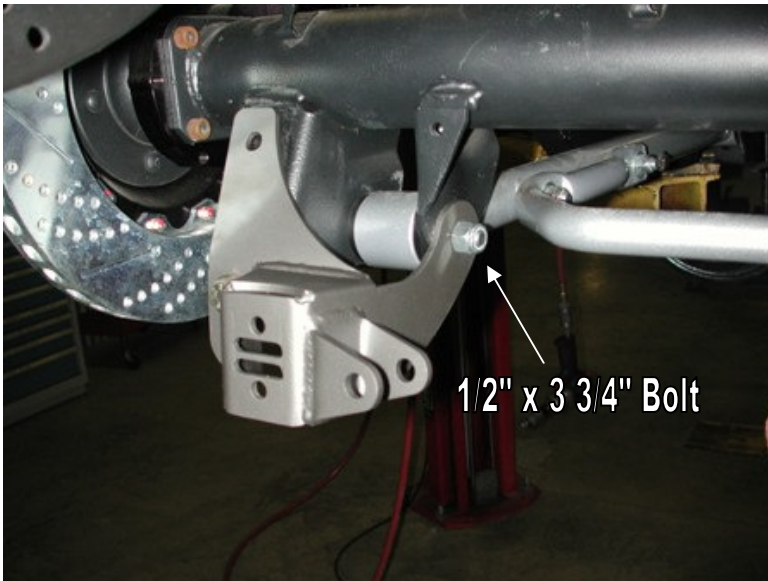
4	99371004	3/8" x 1 1/4" USS bolt	T-bar to frame
4	99372002	3/8" USS Nylok nut	T-bar to frame
8	99373003	3/8" SAE flat washer	T-bar to frame
2	99501015	1/2" x 3 3/4" SAE bolt	ShockWave bracket to trailing arm bracket
4	99501008	1/2" x 1 1/2" SAE bolt	ShockWave bracket to factory shock bracket
2	99501011	1/2" x 2 1/2" SAE bolt	ShockWave to lower bracket
8	99502002	1/2" SAE Nylok nut	Lower ShockWave mount
10	99503001	1/2" SAE flat washer	Lower ShockWave mount

# SHOCKwave<sup>®</sup>

by Air Ride Technologies

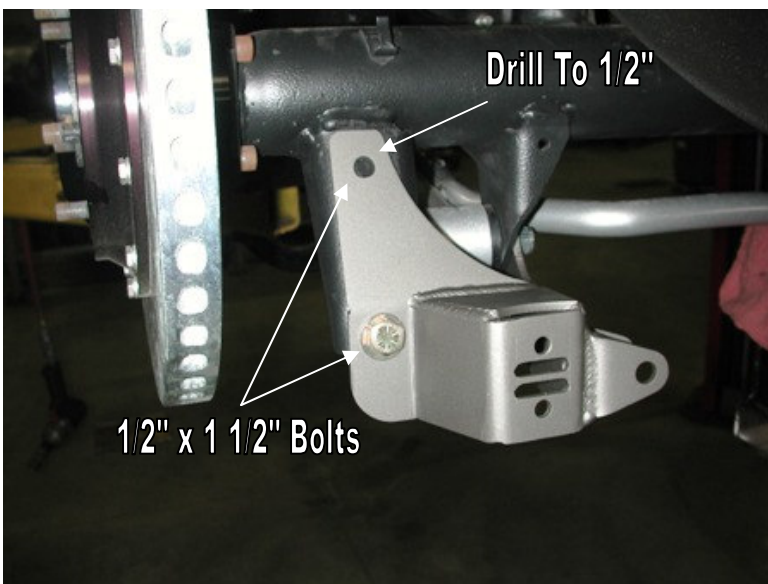
## Installation Instructions

1. Raise and safely support the vehicle by the frame rails.
2. Using a jack, slightly raise the axle approximately 1". Remove the shock absorbers.
3. Lower the axle down enough to remove the coil springs.
4. The exhaust tail pipes may need to be removed and/or modified for ShockWave installation.



4. Remove the lower trailing arm mounting bolt. (Do one side at a time to keep the axle from rotating).

5. Install the longer 1/2" x 3 3/4" bolt through the lower trailing arm from the outside in. Install the lower bracket over the bolt and secure with a 1/2" Nylok nut and flat washer.



6. The lower bolt hole in the back of the bracket will align with the factory shock stud hole. Use a 1/2" x 1 1/2" bolt, Nylok nut and flat washers.

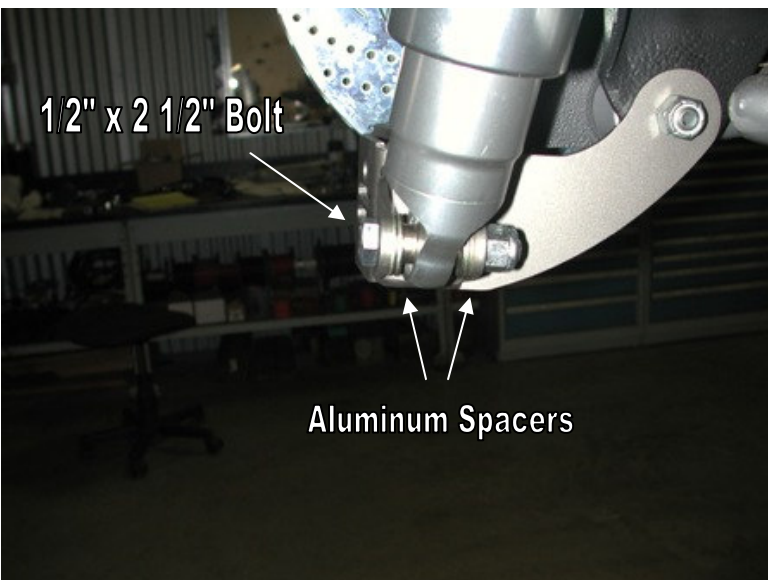
7. The upper hole must be drilled with a 1/2" bit. The edge of the bracket should be parallel to the axle bracket. Use an centering punch and 1/8" bit to drill a pilot hole. A 1/2" x 1 1/2" bolt, Nylok nut and flat washers will be used here as well.



8. This reinforcement plate will be installed between the T-bar and the frame. Contrary to the image, **the bolts must be installed from the bottom up.**



10. Fasten the CoilOver to the frame using two 3/8" x 1 1/4" bolts, Nylok nuts and flat washers. **They must be installed from the bottom up .** On some cars these holes may need to be drilled out with a 3/8" bit.



11. Fasten the CoilOver to the lower bracket using a 1/2" x 2 1/2" bolt and Nylok nut. 1/2" I.D. aluminum spacers must be installed on each side of the bearing.

12. Double check air spring clearances throughout full suspension travel.

13. Ride height on this Coilover is 14.5" from center eye to center eye.