



1955-1959 Chevy Truck Rear Air Spring Suspension Installation Instructions

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Read and understand these instructions before starting any work
!!! SUPPORT VEHICLE WITH JACK-STAND, BEFORE DOING ANY
WORK !!!

Remove old components and clean the frame to bare metal from 12" in. front of rear-end to 12" in. behind rear-end.

Weld boxing plates in place 21 ½" in. from the front of the bed mount.

Install front 4-link brackets with bottom hole needs to be farther forward

Install 4-bars with adjusters pointing forward and attach to the rear-end, if you are welding the brackets on your own housing they need to be 36" in. center to center and air-bag brackets 22" in. center to center on front of rear end.

Install air-bag X-member with air-bag brackets facing rear of frame.

Install shock X-member shock hole center is 25" in

Install the track bar 34" in. long and center the rear-end on the frame.

Install bags and lines. Making sure not to over-torque the air bag bolts.



Figure 1



Figure 1

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|------------------------------------------------------------------|------|------------------------------------|------|
| 1. 21 3/8" in. 4-bars 0 degrees | (4) | 10. 3/8"-24 Nyloc nuts full height | (12) |
| 2. All-American Plain Shocks | (2) | 11. 3/8"-16 X 3/4" Airbag bolts | (6) |
| 3. Tapered Air Bags | (2) | 12. 5/8"-18 X 3" Hex bolts | (6) |
| 4. 34" in. Track Bar Mounting Accessories | (1) | 13. 5/8"-18 X 3 1/2" Hex bolts | (6) |
| 5. 4-link Rear Brackets | (2) | 14. 5/8"-18 X 4" Hex bolts | (2) |
| 6. 4-link Front Brackets | (2) | 15. 5/8"-18 X 5 1/2" | (2) |
| 7. Air-Bag crossmember with 22" in. centers and 28 7/8" in. wide | (1) | 16. 5/8" full nyloc nuts | (14) |
| 8. shock crossmember 25" in. centers & 28 7/8" in. wide | (1) | 17. 5/8" flat washers | (28) |
| 9. 3/8"-24 X 1" Button head | (12) | 18. Shock Spacers | (2) |
| | | 19. Air-Bag 90 degree fitting | (2) |
| | | 20. Boxing plates long | (2) |
| | | 21. Lower shock re-locator | (2) |