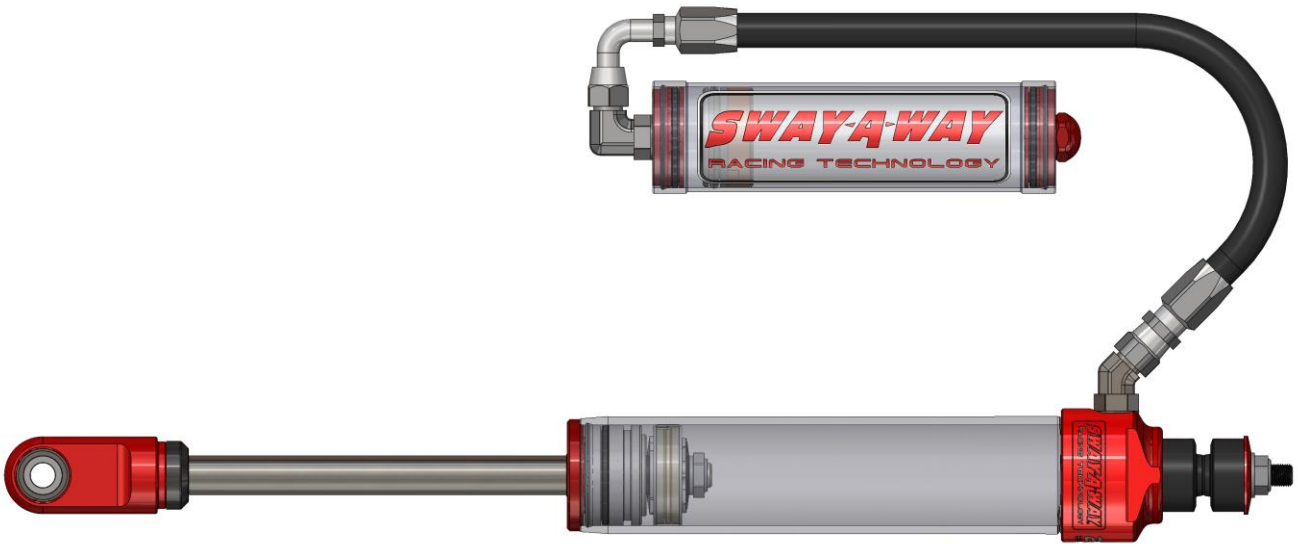
Sway-A-Way 2.5 Front Shock Kit Installation Instructions

For Ford F-250/350 Super Duty with 0-1.5" Lift

Product Number: 301-5600-14
Installation Time: 2-3 HRS.



Part Number	Description	Qty.
56000-1524L	Shock, 2.5" RR, 17-23 Ford S/D, Fr Lft 0-1.5 Lift	1
56000-1524R	Shock, 2.5" RR, 17-23 Ford S/D, Fr Rt 0-1.5 Lift	1
81577	Reservoir Bracket, 17-23 Ford Super Duty Front	2
56200-008	Hose Clamp, #40, 2" - 3", SS	4

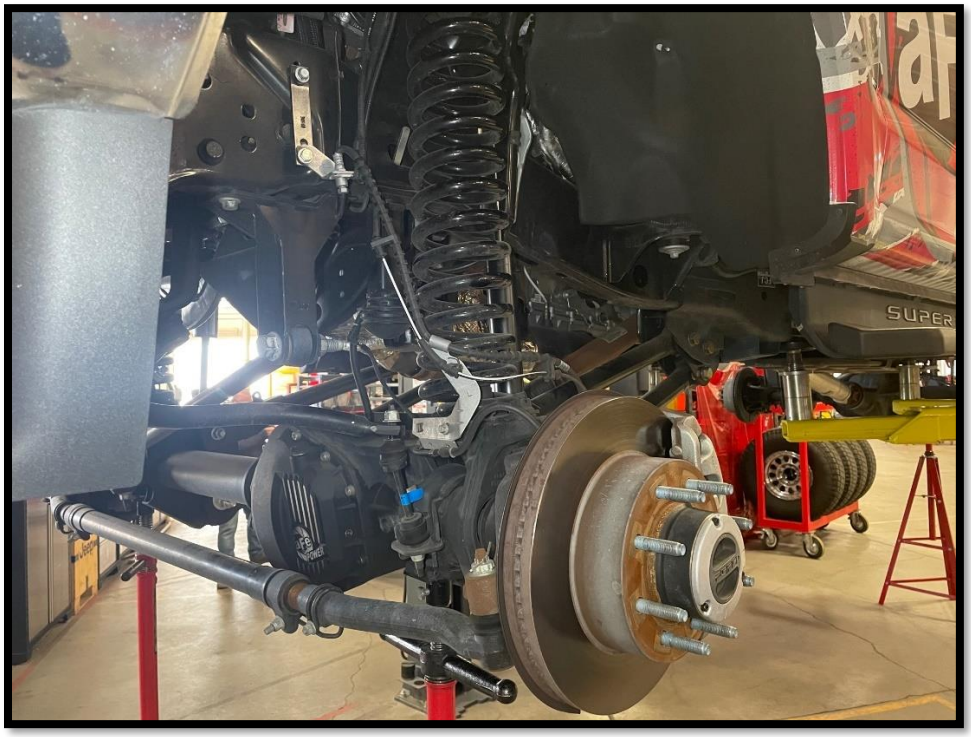
Recommended Tools:
Sockets: 8mm, 10mm, 13mm, 18mm,
Wrench: 8mm, 19mm
Allen Wrench: ¼"

Preferable Equipment:

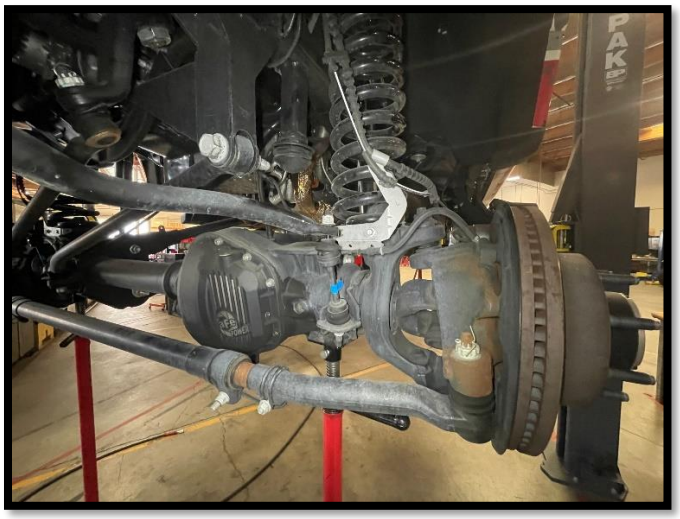
- 2-Post Lift
- Screw Jack
- Impact Wrench
- Breaker Bar

1. Raise the vehicle with a 2-post lift (preferable), or floor jack. If using a floor jack, place jack stands in the factory designated jack points.

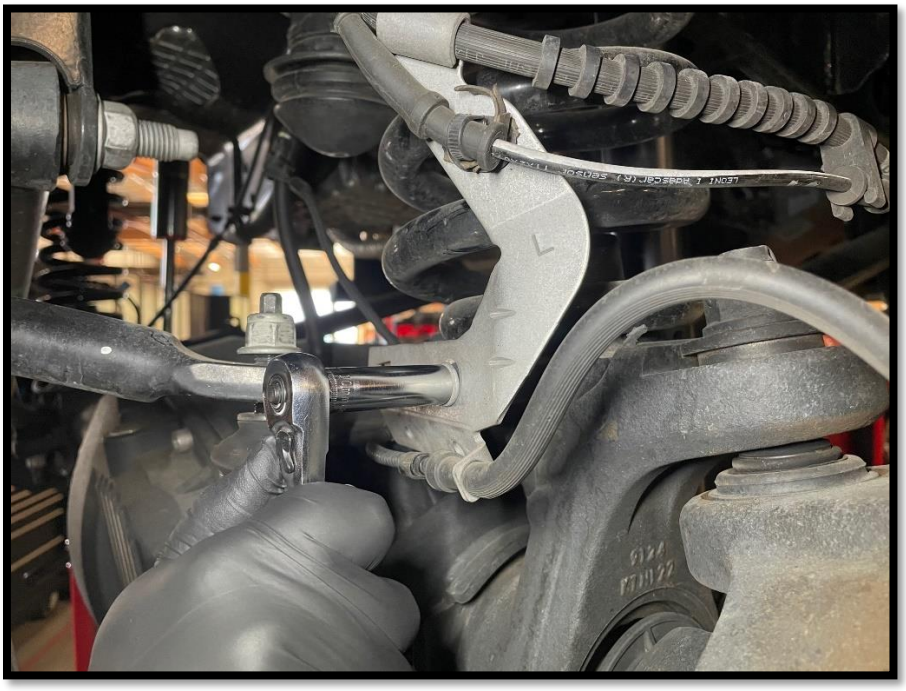
2. Using a **19mm** socket, undo the lug nuts and remove the wheels.



3. Using an **18mm** socket and **8mm** wrench, remove the sway bar end link upper nuts.



4. Using a **10mm** socket, remove the axle brake line bracket bolts.

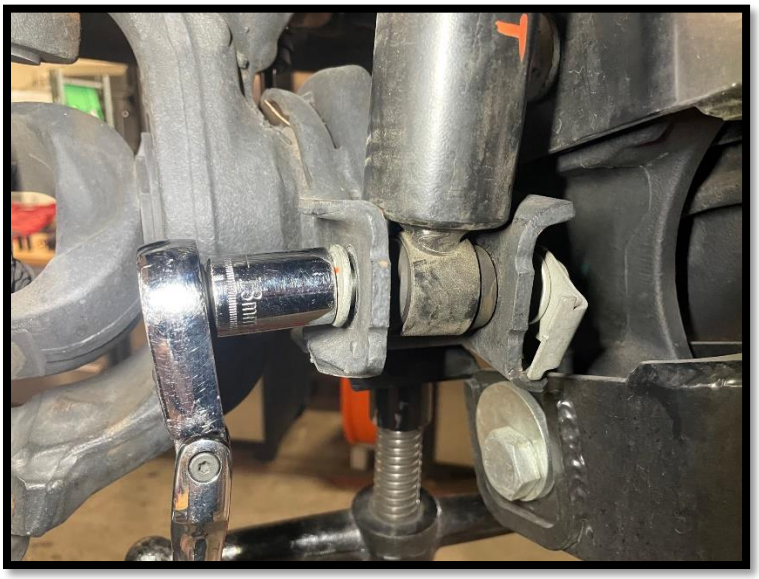


5. Using a **13mm** socket, remove the frame brake line bracket bolts.

6. It is recommended to complete **Steps 7-17** on one side of the vehicle before proceeding to repeat the steps for the other side.

7. Using a screw jack (preferable), or floor jack, support one side of the axle.

8. Using an **18mm** socket, remove the lower shock bolt.



9. Using a **19mm** wrench, remove the upper shock nut and bushing, then lower the shock rearwards to fully remove it from the vehicle.

10. Lower the jack on one side of the axle until the spring comes loose from the upper frame bucket.

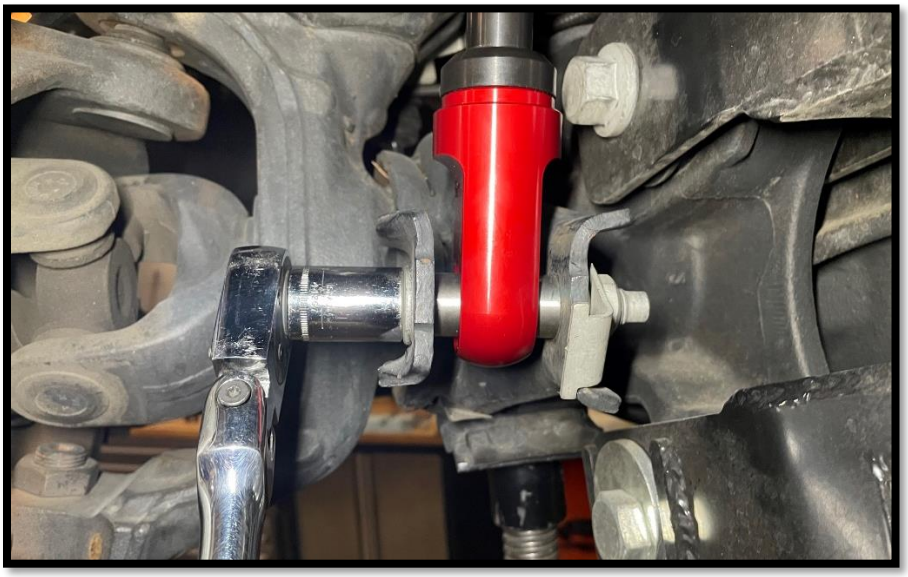
11. Install the included reservoir bracket between the upper spring isolator and the frame bucket as shown in the below photo.

12. Verify that the lower spring pigtail is properly indexed with its axle seat as shown in the below photo.

13. Use the jack to raise the axle until the reservoir bracket is sandwiched with the frame.

14. Install the upper shock with its bushings, bushing sleeve, washer, and hand tighten the nut. Do not fully tighten.

15. Using an **18mm** socket, install the lower shock bolt through the lower eyelet and misalignment spacers of the shock. You may need to raise or lower the axle slightly to align the bolt with the eyelet. Torque the lower shock bolt to 111 ft*lb (Reference the factory specification shown in the table on the last page).



16. Using a **19mm** wrench and **1/4"** Allen wrench, tighten the upper shock nut, compressing the bushings approximately 3/16", until the red washer engages with the inner bushing sleeve. The nut will not tighten past this point.

    NOTE: Do not torque the upper shock nut to the factory specification, as it may cause the top mounting stud to shear from the aluminum top cap.

17. Using the included hose clamps and an **8mm** socket, mount the shock reservoir to the reservoir bracket as shown in the below photos.

18. Repeat **Steps 7-17** on the other side of the vehicle.

19. Using a **13mm** socket, reinstall the frame brake line bracket bolts.

20. Using a **10mm** socket, reinstall the axle brake line bracket bolts.

21. Using an **18mm** socket and **8mm** wrench, reinstall the sway bar end link upper nuts and torque to 59 ft*lb (Reference the factory specification shown in the below table).

22. Using a **19mm** socket, reinstall the lug nuts and wheels.

23. Lower the vehicle on the ground and torque the lug nuts to 150 ft*lb (Reference the factory specification shown in the below table).

24. Your installation is now complete! It is recommended to drive the vehicle for 5 miles and check for loose hardware. Recheck after another 50 miles.

Part Torqued	Socket Size	Torque Value
Lower Shock Eyelet Bolt	18mm	111 ft-lb
Upper Sway Bar End Link Nut	18mm	59 ft-lb
Wheel Lug Nuts	19mm	150 ft-lb