



**Installation Instructions for
Cherokee Front Suspension Components
to match the S6X-Rear (S6XF)**



Components for the six-inch front Cherokee bundle

Part No.	Description	Units
SF6X	Springs, six-inch front XJ	2
FAFU	Front upper FlexArms	1
FAXZJF	Front lower Flex Arms (XJ/ZJ)	1
QDFXZ	Quick Disconnects for ZJ/XJ	1
BOLT3/8-16x2 TYP F	Bolt, 3/8-16x2, self-tapping	2
TFBSS3.25	Bump stops, aluminum	2
One of the following:		
TBAF	Track Bar, Adjustable Front or	1
TBAF-90	Track Bar, Adjustable Front	1

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Think safety first when installing your new suspension system.

1. Jack up the front of the vehicle by the frame and set jack stands in place. Remove the tires to allow better access to the suspension.
2. Remove the front shocks.
3. Remove the front track bar.
4. Remove the spring clamp and bolt and set aside.
5. Remove the springs. Passenger side first.
6. Disconnect the lower end of the front sway bar link to allow the front axle to drop.
7. Remove lower disconnect stud.

Note: Newer versions of the lower stud are splined. A hammer will remove it.

Install Quick Disconnects

8. Follow instructions included with the front sway bar quick disconnects.

Install Bump Stop Spacers

9. Drill the hole in the center of the lower spring pedestal with a 5/16" drill bit. Thread the hole using the 3/8" self-tapping bolt.

Tip: The aluminum bump stop spacer will help maintain a perpendicular bolt position. Apply downward pressure.

10. Remove the bolt and bumpstops once the hole has been tapped.

Reshape spring tower

Note: Some individuals choose to modify the spring tower in order to reduce the amount that the spring tower and bump stop comes in contact with the spring during off-roading. This description explains the basic procedure for anyone deciding to make this modification.

11. Remove the bump stop cushions from the bump stop cup
12. Use a reciprocating saw, or other appropriate tool, to make two small

cuts into the rear side of the spring tower. Both cuts will be close in order to remove only a small sliver from the rear of the spring tower.

13. Bend the spring tower back and weld in position. Grinding and painting the welded area will improve its appearance.

Front springs

14. Put the bump stop spacer *inside* the spring before placing the spring in position.
15. Install the front TeraFlex springs. Right side first. Set the aluminum spacer inside the TeraFlex spring as you put it up into place. Once the spring is in place, rotate the spring so the bottom end of the spring butts up against the stop in the axle pad support.
16. Replace the spring clamp and bolt.
17. With the aluminum spacer resting on the lower spring pad, center the spacer and secure with the self-tapping bolt.
18. Install the front shocks.

Install Adjustable Front Track Bar

19. Follow directions included with the adjustable front track bar.

Install FlexArms

20. Install FlexArms at stock length first. Check to see that each Flex-Arm's length matches the length of the corresponding factory control arm.
21. Replace one control arm at a time for convenience.
22. Tighten the control arms. Torque to specs.