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Part#: **122302, 122305**

Product: **Upper & Lower Link Kit**

Application: **Dodge**

READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

SAFETY WARNING BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

PRODUCT SAFETY WARNING Certain BDS Suspension products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. BDS Suspension Co. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/ reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of BDS Suspension components. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, BDS Suspension Co. recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

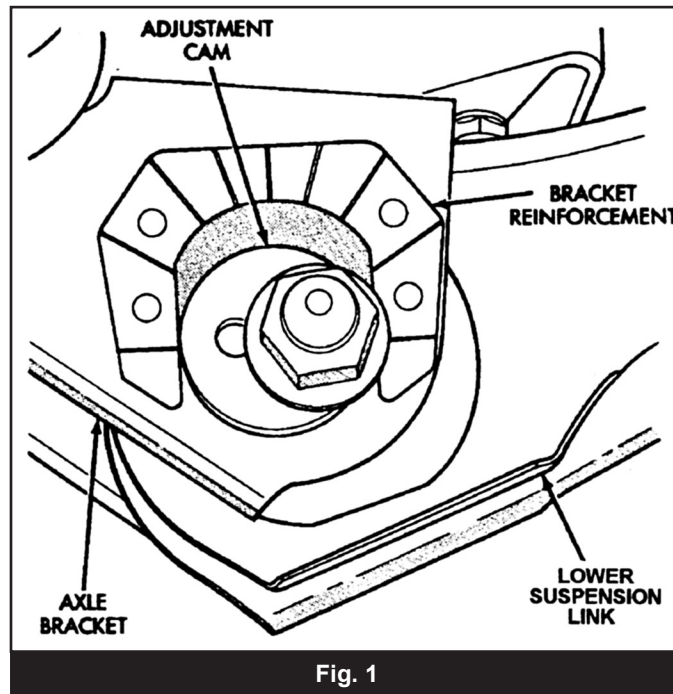
PARTS LIST

Part #	Qty	Description	
		Upper Links	2
		Lower Links	2
		Upper Link Bushings	8
		Upper Link Sleeves	4
		Lower Link Bushings	8
		Lower Link Sleeves	4

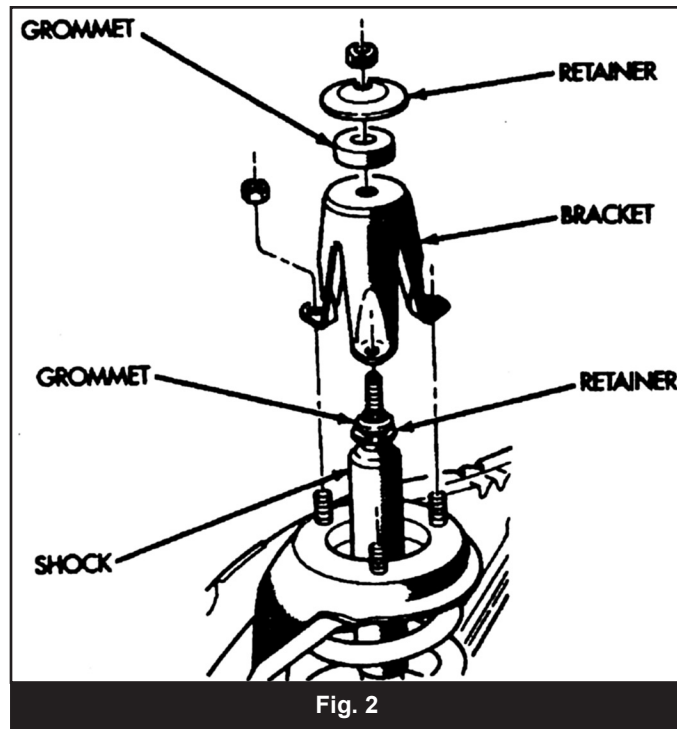
INSTALLATION INSTRUCTIONS

The upper & lower links can be identified by measuring the pivot tubes on the ends of the links. The pivot tubes are the tubes on the ends of the links in which the bushings are placed. The pivot tubes on the lower links are longer than the pivot tubes on the upper links. Therefore, the longer sleeves and wider bushings are for the lower link.

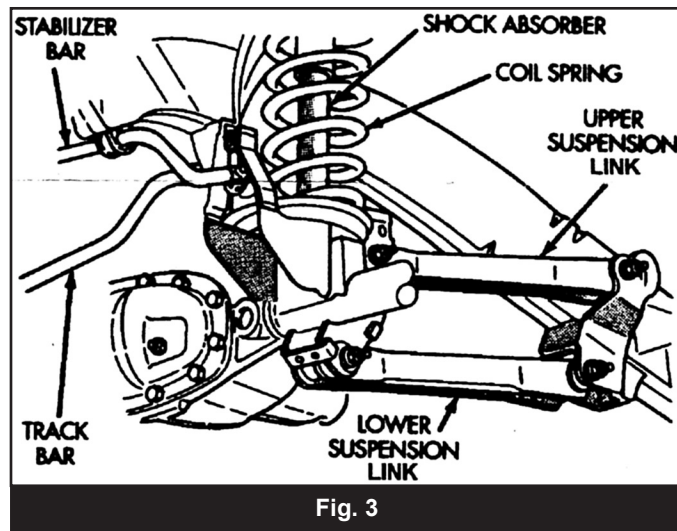
1. Safely raise the vehicle and support with jack stands for safety.
2. Remove the tires and wheels.
3. Place support floor jack under the front axle.
4. On both sides of the vehicle, make alignment marks on the adjustment cam and the reinforcement bracket as well as noting whether driver or passenger side to assist with installation reference.
5. Unbolt the brake lines brackets from the frame to allow full travel of the suspension system.



6. Disconnect the shock absorbers by first removing the nut, retainer and grommet from the shock absorber studs in the engine compartment.



7. Disconnect the anti-sway bar at the front of the vehicle to allow for free travel and access.
8. Remove the lower link cam bolt from the axle. Remove the frame rail lower link bolt and remove the lower link.
- ◆ Repeat this step for both sides of the vehicle.
9. There are two bushing sleeve kits provided. The bushings and sleeves for the lower link are longer than those for the upper link.



10. Lube and insert the bushings into the lower link using a vise. Do not use a hammer to insert the bushings into the link. Ⓞ *Note: it may be necessary to chamfer the end of the bushing to make it slide in to the link.* Lube the supplied sleeves and use a vise to press the sleeves in to the bushings.
11. Install the lower link in place of the OE link. A pry bar may be necessary to assist in sliding the lower link in place. Re-use OE fasteners to assembly the link, but do not torque at this time. Repeat this step on the other side.
12. Remove the upper link nut and bolt at the axle bracket. Remove the nut and bolt at the frame bracket and remove the link. Repeat this step on both sides.
13. Insert the remaining bushings and sleeves into the upper link brackets using a vise and lube. Install the new upper link in place of the OE link. Slight prying may be required to reconnect the upper link. Adjusting the cam bolt in the lower link, or raising the axle height up and down may aid in installation. Reuse OE fasteners to install the upper link. Do not torque at this time.

14. Place the upper grommet and retainer on the shock stud and install the upper shock nut. Torque to 30 ft-lbs.
15. Re-connect the anti-sway bar and torque to OE specifications. Re-attach the brake line brackets.
16. Reinstall wheels and lower the vehicle to the ground and bounce the vehicle in order to settle the coils in place.
17. Torque the lower link cam nut to 110 ft-lbs. Torque the upper link frame bracket to 62 ft-lbs and torque the upper link axle nut to 89 ft-lbs.
18. Double check all fasteners and clearance for a full turning radius.
19. Adjust headlights to proper setting and install the warning card.
20. The vehicle will need to be aligned after the kit is installed.

NOTICE TO DEALER/INSTALLER

These instructions, the warning card, and included decals must be given to the owner of this BDS Suspension product.

For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.

Sold/Installed by: