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Part#: **124349**

Product: **Rear Adjustable Flex Upper Control Arms**

Application: **Jeep Wrangler TJ, Jeep Grand Cherokee ZJ**

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

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## INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the front wheels for safety.
2. Raise the rear of the vehicle and support with jack stands under the frame rails just ahead of the lower control arm mounts.
3. Remove wheels.

ⓘ *Note: Step 3 is is not necessary, but will allow easier access to the work area.*

4. Disconnect the brake lines from the factory upper control arms. Retain fasteners.
5. Support the rear axle near the pinion with a hydraulic jack.

6. Disconnect the upper control arms from the frame and axle. Remove the arms from the vehicle and retain the nut tabs and bolts from the frame mounts.

7. Due to the larger 12mm mounting bolts at the axle the square holes will need to be enlarged. Using a 31/64" drill or rotary grinder enlarge the square holes to fit the larger hardware (Figure 1).

ⓘ *Note: It may be necessary to disconnect the sway bar from the links to allow enough room for the drill.*

## PARTS LIST

Part #	Qty	Description
A178	1	Rear Adjustable UCA w/ Rubber Bushings - Drv
A179	1	Rear Adjustable UCA w/ Rubber Bushings - Pass
941	1	Bolt Pack
	2	12mm -1.75 x 80mm bolt
	2	12mm-1.75 prevailing torque nut
	4	12mm flat washer

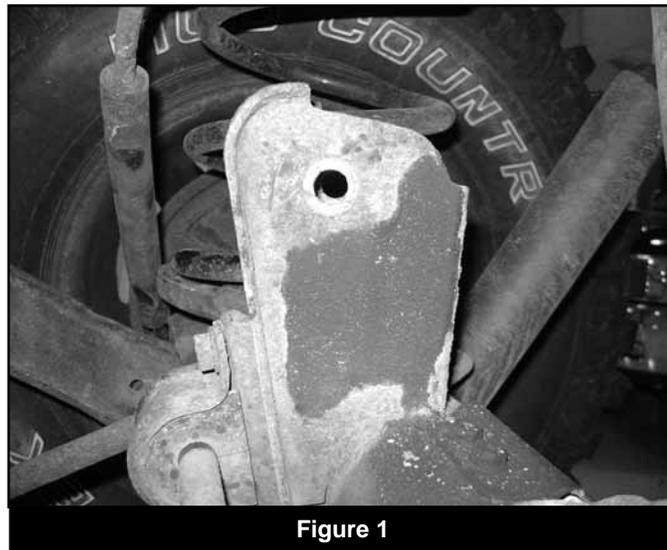
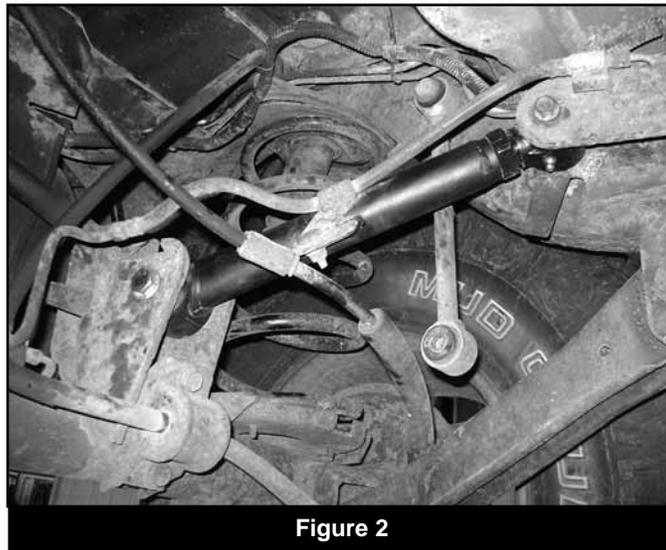


Figure 1

8. Adjust the arms to the desired length. Lengthening the arms will increase the pinion angle.

ⓘ *Note: Factory Length is 13-1/4". Be sure that both the driver's and passenger's arms are identical length.*

9. There is a difference in the driver and passenger side arms. The arms should be installed so that the brake line tabs are pointing in toward the center of the vehicle and slightly down toward the ground (Figure 2). The adjustable flex end will mount in the frame pocket with the grease fitting pointing down.



10. Install each arm one side at a time by installing the rubber end into the axle first with the provided 12mm hardware followed by the factory bolt and nut tab through the flex end at the frame. Install the arms with the grease fitting pointing down. Leave hardware at the axle loose. It will be tightened once the vehicle is at normal ride height. Torque frame bolts to 35 ft-lbs.

ⓘ *Note: The pinion can be rotated up or down to aid in aligning the control arm mounting holes with the jack.*

11. Re-install the brake lines to the control arm tabs with the factory hardware.

12. If removed, reattach the sway bar links to the sway bar.

13. If removed, install the wheels and lower the vehicle to the ground.

14. Bounce the rear of the vehicle to settle the suspension.

15. Torque the 12mm control arm bolts at the axle to 60 ft-lbs.

16. Tighten the jam nuts.

17. Grease the upper flex ends with lithium based grease.

18. Check all hardware after 500 miles and after any offroad use.

19. Grease control arm bushings at every regularly scheduled service.

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## NOTICE TO DEALER/INSTALLER

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

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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:**