DIRECT-REPLACEMENT
INSTALLATION GUIDE

JEEP GLADIATOR JT (2020-ON)

JEEP JT MOJAVE AFTERMARKET ADAPTOR FASTENER AND BUSHING INSTALLATION

803-02-124 - Kit: Mounting Hardware: Jeep JT Mojave AM Adaptor Fasteners and Bushings

605-01-329 REV B

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INTRODUCTION

Thank you for choosing FOX direct-replacement shocks for your vehicle. FOX products are designed, tested, and manufactured by the finest professionals in the industry.

FOX recommends that you become completely familiar with the handling characteristics of your modified vehicle before operating it under rigorous conditions, helping to avoid potential rollover situations and other loss of control events. FOX further recommends that you use appropriate protective equipment at all times when operating your vehicle.

To achieve the best performance and product longevity, periodic service and maintenance is required. Please refer to the Service and Upgrades section for more information.

IN THE BOX

- Supplied Hardware
- Installation Guide

SUPPLIED PARTS

UPPER EYELET HARDWARE				
FOX PN	**DESCRIPTION**	***HARDWARE REF.**	**QTY**	**NOTES**
014-11-033	HOURGLASS BUSHING	A1	2	Upper eyelet bushing.
214-99-010	HOURGLASS BUSHING SPACER	A2	2	One bushing uses one of each spacer.
214-99-013	HOURGLASS BUSHING SPACER	A3	2	
LOWER EYELET HARDWARE				
FOX PN	**DESCRIPTION**	***HARDWARE REF.**	**QTY**	**NOTES**
018-05-065	WASHER: M12	B1	4	The 12mm hardware fastens the shock's eyelet to the relocation block.
018-00-070	HEX NUT: M12 X 1.75"	B2	2	
018-04-049	HEX BOLT: M12 X 1.75"	B3	2	

*Hardware Reference is used throughout the installation manual to provide notation of the supplied kit.

WARNING

SAFETY INSTRUCTIONS

- FOX direct-replacement shocks are designed to fit and allow proper clearance with the stock suspension. If aftermarket suspension components are installed it is the customer's responsibility to ensure that interference between the FOX shocks and other vehicle components does not occur at any point in the shock stroke.
- FOX direct-replacement shocks should always be installed as a set for maximum performance.
- Proper installation and service procedures are essential for the safe and reliable operation of the suspension components, requiring the experience and tools specially designed for this purpose. Installation and maintenance procedures for this product must be performed by a qualified service technician, to avoid potentially unsafe vehicle handling characteristics, which may result in SERIOUS INJURY or DEATH.
- Modifying your vehicle's suspension will change the handling characteristics of your vehicle. Under certain conditions, your modified vehicle may be more susceptible to loss of control or rollover, which can result in SERIOUS INJURY or DEATH. Thoroughly familiarize yourself with the modified vehicle handling characteristics before any rigorous vehicle operation. Wear protective body gear and a helmet when appropriate. Installation of vehicle roll bars or cage is highly recommended.
- FOX direct-replacement shocks are gas-charged and are highly pressurized. Placing shocks in a vise or clamp, applying heat, or attempting to open or service the shock without the proper tools and training can result in SERIOUS INJURY or DEATH. Do not attempt to modify, puncture or incinerate a FOX direct-replacement shock absorber.
- Any attempt to misuse, misapply, modify, or tamper with any FOX product voids any warranty and may result in SERIOUS INJURY or DEATH.

WARNING

INSTALLATION GUIDELINES

- Always use a chassis lift for the installation of shocks, and make certain that the raised vehicle is securely attached to the lift to prevent the vehicle from slipping, falling, or moving during the installation process.

- DO NOT install any FOX product without the necessary special tools, expertise and chassis lift or you will subject yourself to the risk of SERIOUS INJURY or DEATH. If you elect to not use a chassis lift (which may result in SERIOUS INJURY or DEATH), ensure that the vehicle is: (1) on level ground, (2) that all tires on the ground during installation are blocked to prevent vehicle movement, (3) that at least two tires are on the ground at all times, and (4) that adequately secured jack stands are used to support the vehicle. NEVER get under the vehicle until you have checked to ensure that the vehicle will be stable during installation.

- FOX direct-replacement shocks are designed to fit your vehicle's shock mounts without modification except the reservoir placement on specific models and applications.

MOJAVE ADAPTOR INSTALLATION

TOOLS REQUIRED

- Manufacturer Torque Specs
- Torque Wrench
- Medium-Strength Thread-Lock
- Vise or Press

NOTICE: Medium-strength thread-lock is recommended on all bolts.

1. Please read the installation guidelines on page 4 for steps on how to properly lift and secure the vehicle.

UPPER EYELET BUSHING AND SPACER REMOVAL

2. Use a press or vice in addition to a piece of tubing. Place the tubing below the eyelet (Fig. 1 & 2).

NOTICE: The tubing needs an inner diameter between 1.5”-1 13/16” and an outer diameter less than 2 13/16”.



Fig. 1: Spare tubing for press.

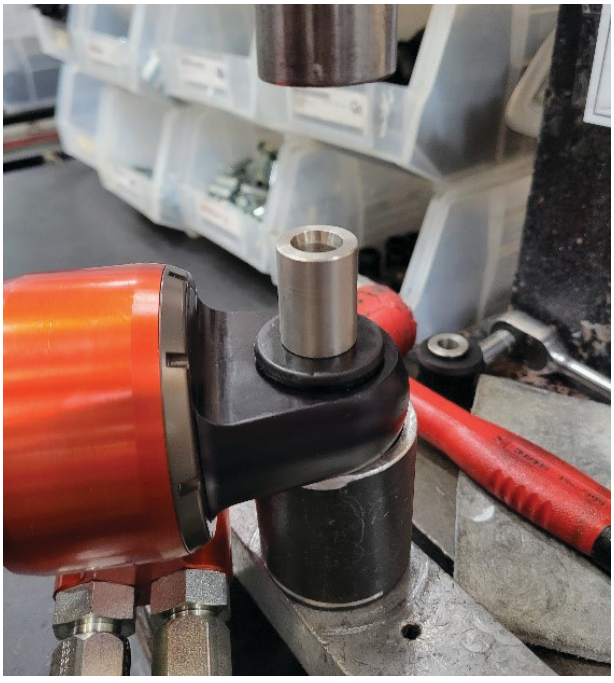

Fig. 2: Shock eyelet is aligned with the spare tubing and press.

3. Press out the 12mm internal diameter bushing and spacers of the body cap (Fig. 3 & 4).

TIP: Use glass cleaner to help the bushing slide through the body cap.

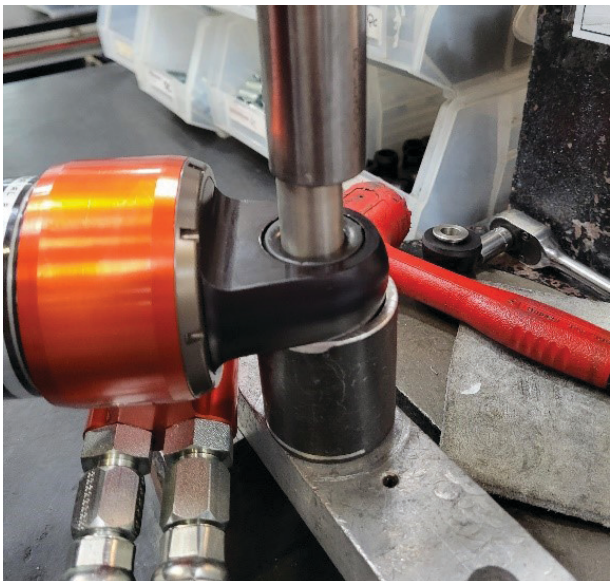

Fig. 3: Press the bushing and spacers out.



Fig. 4: Bushing and spacers are pressed out.

UPPER EYELET BUSHING AND SPACER INSTALL

4. Use the press again to install the Group A 14mm internal diameter bushing and spacers (Fig. 5, 6, 7, 8).



Fig. 5: Supplied Group A hardware.



Fig. 6: Align the bushing and spacer with the eyelet.



Fig. 7: Press the bushing and spacers.


Fig. 8: Installed bushing and spacers in upper eyelet.

LOWER SHOCK MOUNT INSTALLATION

5. Follow the front installation procedure detailed in the manual that came with your shocks (605-01-249) through step 5.

6. Once the left and right relocation blocks are determined and the assembly holes have been drilled out, install the relocation blocks loosely in the OEM lower shock mount.

7. Apply thread-lock to the supplied 3/8”-16 bolts before installation. Use the 3/8”-16 bolts and 3/8” washers to mount the relocation block in the OEM shock mount. Loosely install the relocation block.

NOTICE: The OEM 14mm lower shock bolt used on Mojave models will NOT be re-used.

8. Fasten the shock’s lower eyelet with the provided, Group B, 12mm hardware.

9. Torque the 3/8”-16 bolt to 23 ft-lbs. This ensures the relocation block is fully seated in the OEM shock mount. Next, torque the Group B hardware to 75 ft-lbs. (Fig 9 & 10).



Fig. 9: Installed relocation block.



Fig. 10: Installed relocation block.

FINAL CHECK AND DETAILS

10. Refer to the original install manual steps 7-13 to complete the installation.