

**Cognito Billet Sway Bar End Link Kit For 17-23 Can-Am Maverick X3****INSTALL INSTRUCTIONS:**

Cognito Billet Sway Bar End Link Kit For 17-23 Can-Am Maverick X3
SKU: 370-90369

PARTS LIST FOR SKU: 370-90369

QTY	PART #	DESCRIPTION
2	6142	Rear Sway Bar End Link
8	6143	Mis-Alignment Spacer
4	UNI-BALL-WSSX10T-F1	Uniball
4	HARDWARE-IRR-1-3/16	Internal Retaining Ring
4	HARDWARE-ORING-208	Buna-N O-Ring
2	HARDWARE-M12X1.25X70-FB	Flange Bolts
2	HARDWARE-M12-1.25-LN	Nylon-Insert Locknut
2	HARDWARE-M12-FLATWASHER	Flat Washer

**WARNING**

Please read this entire instruction sheet before beginning installation. Proper installation of these components requires a qualified mechanic. Always wear safety glasses when using power tools, and take appropriate precautions when working under a vehicle. If these instructions are not properly followed you may jeopardize your, and your passenger's safety, and severe frame, suspension or tire damage may also result from improper installation.

Modification of vehicle suspension can interfere with ride-height sensors, active suspension, lane departure features, semi-autonomous, and autonomous driving features. It is the responsibility of the mechanic to determine feature compatibility prior to installation. Recalibration of sensors may be required in the event of any modification.



INTRODUCTION

Thank you for purchasing the Billet Sway Bar End Link Kit.

The Cognito Billet Sway Bar End Link Kit is a must have addition to any X3. The OE sway bar end links are prone to bending under high loads and utilize low quality pivot bearings which are known to fail.

The Cognito Billet End Links are the perfect combination of style and function, and are CNC machined for high grade billet aluminum and utilize heavy duty FK bearings. These end links are compatible on most trailing arms where the OE end links will work.

TECH NOTES

- Read instructions carefully and study the pictures (if included) before attempting installation.
- If this product was purchased as part of a bundle/package. Familiarize yourself with each set of instructions included with the bundle/package before beginning.
- Check the parts and hardware packages against the parts list to assure that your kit is complete before starting.
- The O-rings are not for sealing, they are to direct the bearings to move back to a neutral position.
- This is a direct stock replacement kit. It comes with new bolts to increase the strength of the upper bolt which is in single shear.

REQUIREMENTS

- Installation requires a qualified mechanic.
- Follow the OE specifications when replacing or re-installing OE fasteners, retainers, and hardware specified in the OEM manual.
- Always wear safety glasses when using power tools.
- When a lift is required to perform the installation of these products and always ensure the vehicle is properly supported before attempting installation or serious injury may occur.



INSTALLATION

1. Unbolt the stock rear sway bar end links from the trailing arms and the ends of the rear sway bar. Retaining the lower mounting bolts and the upper and lower nuts, for re-use.
2. The spherical bearings and retaining rings are already installed in the billet end links. Insert the four O-rings onto the grooves of **4** of the misalignment spacer bushings.
3. The spacers with the O-rings, insert them into the spherical bearing on the side of the billet end link that has the smaller hole. The spacers without the O-rings, insert them into the side of the spherical bearing that has the larger hole where the retaining ring is. The O-ring is just there to help the end link spherical bearings go back to a neutral position.
4. Bolt the end link to the trailing arm using the factory fasteners.
5. Bolt the other end to the end of the sway bar using the included bolt and nut provided.
6. Tighten all hardware to **77 ft.lbs.**



WARRANTY / RETURN POLICY / SAFETY

Cognito Limited Lifetime Warranty

Cognito Motorsports, Inc. hereinafter “Cognito,” warrants to the original retail purchaser, that its suspension products are free from workmanship and material defects for as long as the purchaser owns the vehicle on which the product(s) were originally installed. This warranty will be void if any modifications are made to the components, including alterations to the surface finish, i.e.; painting, powder coating, plating, and/or welding, or if they are improperly installed. Cognito truck suspension products are not designed nor intended to be installed on “competition” vehicles used in race applications, stunt or for exhibition purposes that are outside of the intended operating conditions specified by the manufacturer. Racing and competition are defined as any contests between two or more vehicles; or vehicles competing individually on off road circuits in timed events (whether or not such contests are for an award or prize).

This warranty does not include coverage for police, taxi, government or commercial vehicles, and the warranty does not cover Cognito products sold outside of the USA. Cognito’s obligations under this warranty are specified and applied at its sole discretion, and warranty coverage is limited to repair or replacement of the defective product(s). Any and all costs of removal, installation or reinstallation; freight charges, incidental or consequential damages associated with the covered products are expressly excluded from this warranty.

The following items are exempt from Cognito limited warranty coverage: bushings, bump stops, tie-rod ends (Heim joints) and limiting straps. These parts are “consumables” and designed to wear as a normal part of their duty cycle, therefore they are not considered defective when worn. The aforementioned products are warrantied separately against defects in workmanship, for 60 days from the date of purchase. As a condition of warranty validation, respective Cognito suspension components must be installed as a complete system (not combined with non-Cognito hardware or ancillary parts). Any substitutions or omission of required components will void the warranty. Some minor cosmetic wear and imperfections may occur to parts during shipping, which is not covered under this warranty. This limited warranty does not apply to any components that have been subjected to collision damage, negligence, alteration, abuse, or misuse, and coverage does not extend to products manufactured by third-party companies. Cognito reserves the right to supersede, discontinue, or change the design, finish, part number and/or application of its parts when deemed necessary, without notice.

Return Policy

Product returns will not be accepted without prior written approval from an authorized Cognito representative. All products being returned must be shipped via trackable, prepaid freight. Returned products are subject to a 25% percent restocking fee. The eligible return period for products purchased directly from Cognito is 30 days from the verified date when the product(s) were originally received by the purchaser.

Product Safety Advisory

The installation of Cognito steering and suspension components will modify your vehicle’s original factory equipment and geometry, which may cause it to handle differently than a stock (unaltered) vehicle. Installation of these components is not intended to strengthen nor reinforce the vehicle’s frame, nor are they designed to increase rollover protection. It is necessary to periodically inspect all suspension and drive train components for proper attachment, torque specifications, operation, and for any potential unusual wear or damage. Installation of these parts will modify the height of the vehicle and may raise the center of gravity. Modifying vehicle height combined with off road operation may increase your vehicle’s susceptibility to rollover conditions, which may cause serious injury or death. Many states regulate allowable vehicle height modifications, and it is your responsibility to know and comply with the legal requirements specified by the laws where you reside. Modifications to your vehicle’s ride height may also affect the ride quality, driver input response, trackability and handling, and wear to your vehicle’s suspension components and tires.