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### **INSTALL INSTRUCTIONS:**

Enhancement Plate Kit for the Cognito SM Series Caster Adjustable Radius Arm Kit SKU: 120-90630

PARTS LIST FOR SKU: 120-90630		
QTY.	PART#	DESCRIPTION
2	2571	Radius Arm Enhancement Plate - Outer
2	2572	Radius Arm Enhancement Plate - Inner
1	6521	DOUBLE SIDED TAPE 3M 5925 0.25" X 18ft



## 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.

# **REQUIREMENTS**

- Check the parts and hardware packages against the parts list to assure that your kit is complete.
- This product should only be installed when ambient temperature is above 50°F. As the tape requires one day at 70°F to cure to its full strength, do not pressure wash or take the vehicle through a car wash until 24 hours after installation. In colder temperatures, let the tape cure for at least 3 days before washing. For optimal results, gently heat the tape with a hair dryer before installation.

## **TECHNICAL INFORMATION**

- It may be necessary to raise the vehicle to perform installation of these products. A hoist or installation bay is recommended. Always ensure that the vehicle is properly supported before attempting installation, as serious injury could occur.
- For instructions on how to remove and install the component you're installing enhancement plates on, consult the instructions for that product.

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# INSTALLATION

- 1. Begin by cleaning both the Enhancement Plate and the part completely. They both must be free of grease, dirt, or oil. Do not use acetone or brake cleaner on powder coated parts, it will ruin the finish. Use isopropyl alcohol, denatured alcohol, or glass cleaner instead.
- 2. Cut the included tape into strips and apply onto the enhancement plate. You don't need to use a lot; the included roll is enough.
- 3. *Optional*: Lightly heat the tape with a hair dryer before installing the enhancement plate onto the part. Do not use a blow torch or heat gun as these can cause the stainless steel to change color.
- 4. Remove red film from tape and install onto part. Press the entire enhancement plate firmly onto the part.



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# **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.

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