

# AMC

## AMX / JAVELIN SUB-FRAME CONNECTORS

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# INSTRUCTIONS

## SUB-FRAME CONNECTORS

**FOR AMC MUSCLE CARS:  
1968-1970 AMX  
1968-74 JAVELIN**

Revised: 4-1-2011



**Tech Line: 888-325-6462**



## **Installation Instructions**

### **Vehicle: 1968-74 Javelin & 1968 – 1970 AMX** Sub-Frame Connectors

#### **Sub-Frame System Contents**

- Two (2) pre-cut 1" x 2" x .125 wall rectangular tube bars
- Two pre-made wedge-shaped brackets for front frame connection
- Two small angle cut 1" x 2" x .125 wall rectangular tubes

Thank you for purchasing a world-class Control Freak Suspensions® AMC Javelin/AMX sub-frame connector kit manufactured in Winter Springs, Florida. We believe this system is the best available at any price. As with any aftermarket performance product, this system is recommended for off road use only. This system is typically subjected to uses that exceed its mechanical limits, so there is no warranty, expressed or implied. Blue Moon Services LLC and its Control Freak Suspensions brand cannot control how this product is installed or used. By purchasing this product you are assuming all risks associated with its installation and use and agree to possess appropriate skills for its installation and use. Blue Moon Services LLC and its Control Freak Suspensions brand, our vendors and suppliers will not be held responsible, liable or accountable for any injury, damage, loss, penalties or fines that occur, directly or indirectly, from the installation and use of this product..

Please note that while installation is relatively easy for those with welding skills and moderate experience, novices should employ a professional for installation. Fit is guaranteed on vehicles that are unmolested...that is cars that have not suffered any chassis or significant sub-frame damage. Such damage can bend or alter the unitized body or chassis, making installation more difficult and may require chassis adjustment.

**Read all of the instructions before starting installation.**

#### **IMPORTANT NOTES:**

1. Installation of the sub-frame connectors is relatively easy but welding is required.
2. Use extra caution in jacking and stabilizing the vehicle for this installation. A lift is highly recommended.

#### **What Else Do I Need?**

Everything you need is included in the purchase price. Installation requires welding and we recommend MIG welding for strength and looks. Disconnect your battery **BEFORE** welding. If you don't you run the risk of ruining electronic ignition and entertainment components in the car.

### Installation

1. Now is the perfect time to clean up the vehicle underside of debris, oil or other unsightly elements.
2. You will need to sand all debris away from where the brackets will be welded on the sub-frames, front and rear. Also sand the area where the sub-frames come in contact with the rear floor pans.
3. Put the car securely on large jack stands or on a lift. A lift is preferred for ease of installation and safety. Do not compromise safety for expedience.
4. Place the wedge-shaped bracket onto the rear of the front sub-frame. Once flush into position, tack weld the front edge and the sides. Small tack welds are desirable because if you need to make a change, small tacks are easier to cut.
5. Place the long bars into position on the appropriate sides of the vehicle. Angle cuts on the front determine the correct



side of the vehicle. On the left (driver) side of the vehicle, the parking brake cable and a fuel /brake line may need to be moved slightly to clear the bars. Do this carefully.

6. We have added a about an inch of extra material on the rear of the bars, just in case you wish to have a longer weld.

If you plan on installing the Control Freak Suspension 4-link coil over rear suspension system for this vehicle, now is the time to do so, before welding the sub-frame connector bars into place.

7. When the long bars have been tack welded into position, insert the small wedge-shaped bars as show in the picture. Make certain they meet the stamped bracket on the underside of the vehicle. Depending on the condition of your floor pans, some of the wedge-shaped part will need to be trimmed. Do not force it into position. Trim it so it slides in easily as it will be welded into position on the sub-frame connector and the floor brace. Tack weld into position.



8. Once all the parts have been tack welded into position, you are ready to begin the final welding.

**NOTE: REMOVE INTERIOR CARPET AND INSULATION BEFORE WELDING. YOU WILL BE WELDING TO THE FLOOR PANS WHICH COULD CAUSE A FIRE.**

9. You will weld in small sections at a time, allowing one area to cool while welding another section.
10. First weld the bars to the brackets and the brackets to the sub-frames.
11. Once cooled, weld the small wedge-shaped piece to the bars and the floor pans.
12. Finally, put small stitch welds of about 3.4" along both sides of the sub-frame connectors where they meet the floor pans. Do a little at a time, moving to another area allowing the previously welded area to cool.
13. Once welded, the sub-frame connectors are correctly installed and you're ready to drive your vehicle.

## **Disclaimer of Warranty**

### **THE PURCHASER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF ANY AND ALL PRODUCTS MANUFACTURED BY BLUE MOON SERVICES LLC**

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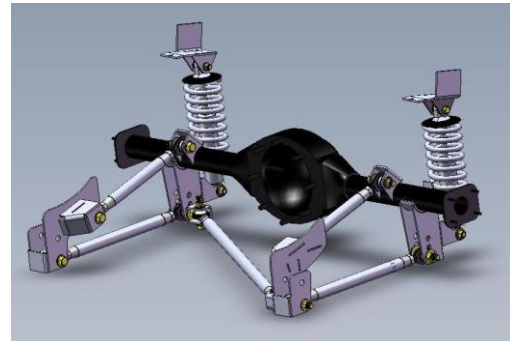


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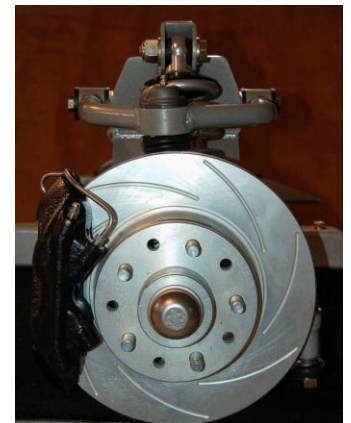
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