



## Rear Suspension Kit for 15" Conversion Installation Instructions

### TOOLS REQUIRED:

- Hydraulic jack and jack stands
- Metric socket and wrench set
- Allen bits

### UPPER TRAILING ARM INSTALLATION

1. Lift the rear of the vehicle and safely support on jack stands. Remove both rear wheels.
2. Using an 18mm wrench, socket, and ratchet remove the outer nut and bolt **IMAGE 1**
3. Using the same tools, repeat the process for the inner nut and bolt
4. Make sure the initial length of this adjustable control arm matches the stock arm, hole-to-hole. Tighten jam nut to 40 ft/lbs. **IMAGE 2**
5. Install the BMR upper trailing arm, bearing end first. If needed, remove one end of the upper control arm to make fitment easier. Leave bolt finger tight.
6. Install outer bolt and nut.
7. Torque the outer and inner bolts to 81 ft/lbs



**IMAGE 1**



**IMAGE 2**



**IMAGE 3**

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### LOWER TRAILING ARM INSTALLATION

1. Using an 18mm wrench, socket, and ratchet remove the outer nut and bolt as shown in **IMAGE 4**
2. Using the same tools, repeat the process for the inner nut and bolt as shown in **IMAGE 4**
3. Make sure the initial length of this adjustable control arm matches the stock arm, hole-to-hole. Tighten jam nut to 35 ft/lbs. **IMAGE 5**



4. Install the BMR upper control arm, bearing end first. Leave bolt finger tight.
5. Install outer bolt and nut.
6. Torque the outer and inner bolts to 81 ft/lbs. **IMAGE 6**



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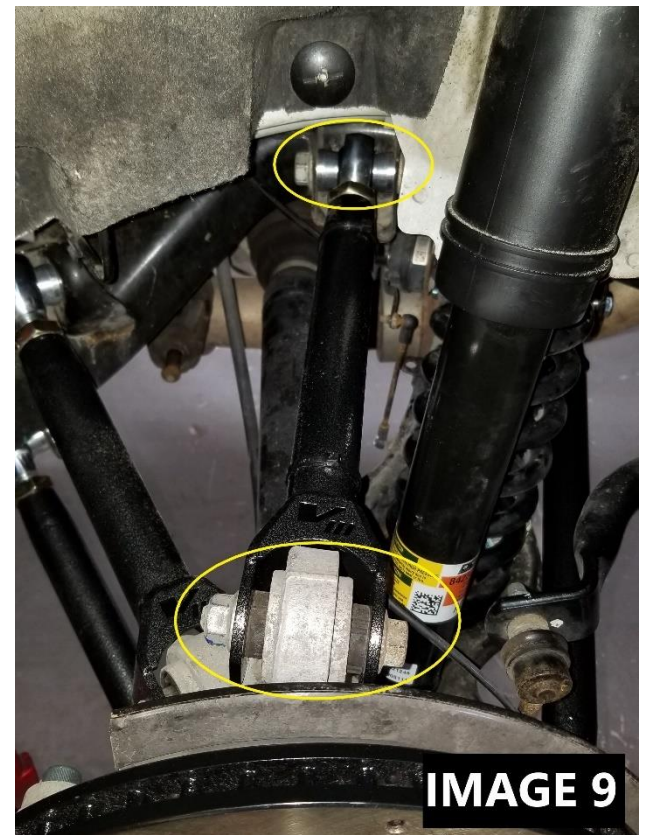




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### UPPER CONTROL ARM INSTALLATION

1. Using an 18mm wrench, socket, and ratchet remove the outer nut and bolt as shown in **IMAGE 7**
2. Using the same tools, repeat the process for the inner nut and bolt
3. Once removed, ensure the length of this adjustable upper control arm matches the stock length hole-to-hole. Tighten jam nut to 45ft/lbs. **IMAGE 8**
4. Install the BMR upper control arm, bearing end first. Re-install inner nut and bolt, leave finger tight.
5. Install outer bolt and nut.
6. Use the torque specs above if you have replaced your hardware, if not torque the outer and inner bolts to 70ftlbs as in **IMAGE 9**



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### TOE ROD INSTALLATION:

1. Using two 18mm wrenches, remove the inner bolt on the factory toe rod. Remove the outer bolt with also with an 18mm wrench or socket then remove the toe rod. **IMAGE 10**



2. Adjust the BMR toe rod to the approximate length of the factory toe rod as shown in **IMAGE 11**



3. Install the BMR toe rod using the supplied hardware on the inside mount. The square "lockout" washers install on both sides of the inner mount as shown in **IMAGE 12**



4. Tighten the inner bolt 80ftlbs using two 19mm wrenches or a wrench and socket.
5. Tighten the outer bolt to 74 ft lbs plus 105 additional degrees using an 18mm socket or wrench.
6. Re-install the wheels/tires and lower the vehicle.
7. Adjust toe to the desired setting by turning the BMR toe rod left or right. Once set, tighten the jam nuts using a 1-1/8" and 1-1/4" wrench. **It is recommended to have the vehicle professionally aligned after installation**

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