Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.

**Required Tools**

- Standard assortment of hand tools
- Torque wrench

**Required Supplemental Items**

- Upper Shock Mount Kit (MMSM-20)
- Floor jack
- Jack stands (2)

**Installation Time**

Shop: 1.0 Hours  
Home Mechanic: 2 Hours

This Kit Contains

<table>
<thead>
<tr>
<th>Urethane Lower Eyelet Equipped Shocks</th>
<th>QTY</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>QTY</td>
<td></td>
</tr>
<tr>
<td>Shock</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Grease Packet</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Urethane Bushing</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Crush Sleeve</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bumpstop</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Installation Instructions</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**Spherical Bearing Lower Eyelet Equipped Shocks**

<table>
<thead>
<tr>
<th>Description</th>
<th>QTY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Shock Assembly</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bumpstop</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Installation Instructions</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**Component Identification**

- Urethane Bushing
- Crush Sleeve
- Bumpstop

NOTE: Discard these instructions if installing with a MMCO-22 or MMCO-23 Coil-over Kit. These instructions are intended ONLY for installation of the MMD-RC1xxxx shock with a conventional-location spring.
Vehicle Preparation

1. Safely support the rear of the vehicle on jack stands placed under the frame rails.
2. Remove the rear wheels.
3. With a floor jack, support the side of the axle housing having the shock replaced.
4. Open the trunk and remove the shock top mounting nut and any mounting hardware from the shock being replaced. Depending on the vehicle, the trunk liner or plastic access panel must be removed to access the shock top.
5. Remove the shock’s eyelet mounting bolt.
6. Remove the shock from the vehicle.

WARNING: Do not let the axle housing drop or damage to the brake hose will occur.

7. If installing a MMSM-2 Lower Shock Mount, follow those installation instructions now.

Shock Preparation

8. Shocks with spherical bearing lower eyelets, proceed to Step 14.
9. Take the provided grease packet and apply a small amount of grease to the inside of the shock’s lower eyelet and the outside diameter of the two urethane bushings.
10. Install the two provided urethane bushings into the eyelet.
11. Apply a small amount of grease to the inside of the urethane bushings.
12. Insert the provided crush sleeve into the urethane bushings. Use a vise or large set of pliers to press in the crush sleeve. A rubber mallet can also be used to tap in the crush sleeve.
13. Install the provided bumpstop with the tapered end pointing away from the shock body.
14. Identify the following components included in the MMSM-20 kit and install them in the order shown below.

I. Dust Boot Assembly
II. Shock Top Bushing
Shock Installation

15. Install the MM shock assembly into the shock tower.

16. Identify the remaining components from the MMSM-20 Shock Mount Kit and install them in the order shown below. Hand tighten the Nylock nut for now.
   
   I. Shock Top Bushing  
   II. Upper Retaining Washer  
   III. M10-1.5 Nylock Nut

17. Install the shock eyelet mounting bolt and nut. It will be necessary to raise the floor jack to align the mounting holes to the shock eyelet, as the MM shocks have reduced droop travel.

   **NOTE:** Install the bolt from the inboard side of the shock.

18. Torque the shock eyelet mounting nut to 59 lb-ft.

19. Repeat Steps 3-18 for the other side of the vehicle.

20. Reinstall the wheels.

21. Safely lower the vehicle to the ground.

22. Torque the lugs nuts to the manufacturer’s specifications.

23. Tighten the M10-1.5 Nylock nut on each shock shaft until it just touches the upper retaining washer. Then, rotate the nut 2 full revolutions to properly preload the shock top bushing.

24. Test drive.
General Warranty Details

All Maximum Motorsports-manufactured gas pressure monotube shocks are warranted to the original retail purchaser against defects in material and workmanship for a period of three (3) years from the date of purchase. Any implied warranty of merchantability, fitment, or fitness for particular purpose, except as may be prohibited by applicable law, is likewise limited in duration to three (3) years from the date of original retail purchase.

If at any time during the warranty period the shock malfunctions and Maximum Motorsports, Inc. determines it to be defective, we will either replace it or repair it, at our discretion. Maximum Motorsports’ liability for a defective shock is limited to replacement of the shock with a new or reconditioned Maximum Motorsports shock. Mounting hardware, installation labor charges, and shipping costs are not covered by the warranty. Proof of purchase from either an authorized Maximum Motorsports dealer or directly from Maximum Motorsports is required to process a warranty claim.

This warranty does not apply to shocks that:

- Were installed improperly.
- Have a bent or broken shock shaft showing abuse or abnormal wear.
- Were modified.
- Exhibit normal wear.
- Are submitted for warranty by other than the original retail purchaser.

This warranty is non-transferable and does not cover any other loss, liability or damage resulting from improper installation, handling, shipping, alteration, disassembly, service, repair, or use of this product. Should this product fail as a result of a defect in materials or workmanship within the warranty period, contact Maximum Motorsports by telephone at (805) 544-8748 for repair or replacement at manufacturer’s option. All warranty returns must be shipped directly to Maximum Motorsports, regardless of where the product was originally purchased.

Note: Returns are not accepted without a Returned Goods Authorization (RGA) number. To obtain an RGA number contact Maximum Motorsports by telephone, email, or mail.

Repair or replacement as provided by this warranty is the customer’s sole and exclusive remedy in the event of a product failure. Manufacturer shall not be liable for any incidental, consequential, or other damages resulting from the disassembly, handling, installation, service, repair, or use of this product.

This warranty gives you specific legal rights, and you may also have other rights that vary from State to State.