

93-02 GM F-body Front Coilover Kit
Item # 2048-550, 450, 350, 300



IMPORTANT NOTES

The UMI 2048 kit is intended to allow the use of 2-1/2" racing coilover springs and shocks on the front of the 4th Generation GM F-body.

UMI is not responsible for failure due to misuse, mis-installation, shock bottoming, etc.

UMI is not responsible for fitment issues when using other companies' components such as sway bars, A-Arms, etc. The 2048 kit fits UMI 35mm and factory sway bar as well as A-arms with the factory shock bolt location

Please follow all applicable safety practices when working on a raised vehicle such as proper use of jack stands and safety glasses, and care when lifting heavy objects.

Installation Instructions:

1. Begin by removing front shocks and springs. Be sure to support vehicle in a safe manner.
2. Remove spindle front upper ball joint.
3. Remove bolts from the top of the strut mount from the engine bay. Driver's side will require loosening and moving the brake booster to access some bolt heads.
4. Once all (4) bolts/nuts are removed from the strut mount, remove the bolts holding the lower shock mount.
5. Remove shock and upper control arm mount/strut mount.
6. Remove the shock from the upper strut mount. Use of cutting wheel or penetrating oil likely required.
7. Locate UMI upper mount, and orient as shown in Figure 1. Mount with tabs on bottom, 1/4" washer in the hole of the upper control arm mount, and 1/8" washer on top to sandwich upper control arm mount.
 - a. NOTE: If the upper control arm mount is corroded, and the lip is deteriorated, the 1/4" washer will prove to be too thick. The upper control arm mount will need replaced if the 1/4" washer proves to be too thick. The idea is to clamp onto the upper control arm mount, and the 1/4" washer takes up the space to allow this clamping force.
8. Tighten this system to approximately 55 ft/lbs maintaining the desired tab orientation.

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9. Align upper control arm in the wheel well and use the supplied M10x35mm bolts and nuts to install. Once fully installed torque all (4) M10 bolts to approximately 55ft/lbs.
10. The upper mount is now installed.
11. Install lower jam nut onto Viking shock by threading down to the bottom. Lip should face up. Assembly shown in Figure 2.
12. Install main nut onto Viking shock and thread down to the jam nut.
13. Install washer, bearing and washer (optional).
14. Lubricate threads on shock body with anti-seize.
15. Slide spring down onto shock and install coilover hat.
16. Align coilover shock with the new UMI upper mount. Slide ½” bolt through with (2) washers per bolt.
17. Tighten upper shock bolt and locking nut to 60 ft-lb.
18. Complete the installation by installing the factory lower bolts through the shock and lower A-arm.
19. Repeat steps 1-18 for opposite side. Adjust spring perch nut for desired ride height. Align vehicle upon completed installation for optimal handling and streetability.



Figure 1 – Washer orientation

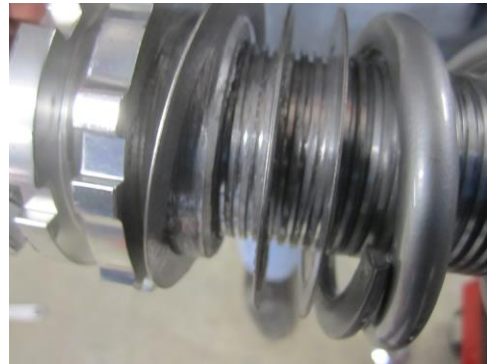


Fig 2 – Assembly order
(optional bearing and washer)



Figure 3 – Final assembly

Item # 2048

1993-2002 GM F-body Front Coilover kit
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