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Installation Instructions
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1982 – 1992 GM F-Body Front Weight Jack Kit
P/N#2065



This kit is designed to be a direct replacement for standard front coil springs on a UMI or factory K-member and A-Arms. After installation, you will be able to fine tune the front ride height and corner weights as you desire, and the included thrust bearings will make adjustments easy at the track.

Box Contents

Qty	Part #	Description
2	2065	Weight Jack Assemblies
2	2066 or 2068	8" Coil Springs

Before installation, verify box contents are correct and read through instructions completely. Always ensure proper support when working under a vehicle. Use approved jack stands when using a floor jack as well as proper technique for securing your car while on a drive-on lift. Always use proper safety clothing and eye protection.

Tools required:

- Wrenches and Sockets
- Floor Jack or standing jack

Installation

1. Raise car to a comfortable working height using the method of your choice. Follow applicable safety procedures.



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2. Remove both front wheels by removing all lug nuts, and disconnect the sway bar end links from the lower A-arms.
3. Disconnect the brake calipers from the spindle and support them up and out of the way.
4. Loosen and remove outer tie rod from the spindle.
5. Remove the cotter pin and loosen the castle nut on the lower A-Arm. **DO NOT remove completely at this time.**
6. Using a jack, lift up on the lower A-Arm until the castle nut can be removed.
7. ****USE CAUTION** The factory coil spring is under compression.** Slowly let down the jack to remove the factory coil spring.
8. Be sure to generously apply extreme pressure grease to the threads of the weight jack assembly. If extreme pressure grease is not available, a good quality anti-seize will also work. **(FIGURE 2)**
9. Shorten the weight jack assembly as much as possible by threading the adjuster plate all the way up toward the frame cup. You are now ready to install the front weight jack into the frame and lower A-Arm. **(FIGURE 3)**
10. Using the jack from step 6, raise the lower A-Arm to hold the bottom of the spring in place and gently apply pressure to compress the spring. Gently compress the spring until the lower ball joint can be re-attached and the castle nut is installed with a new cotter pin. **(FIGURE 4)**
11. Reinstall the outer tie rod end to the steering knuckle of the spindle and reinstall the caliper to the spindle. Torque all bolts to factory specifications.
12. Repeat Steps 3 – 11 on other side of vehicle.
13. Re-attach the sway bar end links to both lower A-Arms and install front wheels and lower the vehicle to the ground.
14. To make ride height adjustments, jack up the front of the vehicle to take some load off of the weight jack assembly and spring. Using a ratchet, extension, and ¾" socket; access the head of the bolt through the shock hole in the lower A-Arm. Turning the ratchet to the right (Clockwise) will raise the car and turning the ratchet to the left (Counter Clockwise) will lower the car. **(FIGURE 5)**

Maintenance Tip: Periodically cleaning dirt, rocks, and debris off of the weight jack threads and thrust bearing will extend the life of the assembly. Also, apply new extreme pressure grease on a yearly basis. threads and thrust bearing will also keep the assembly turning smoothly and reduce wear on the components.



FIGURE 1: Factory spring removed.



FIGURE 2: Apply extreme pressure grease or anti-seize to the threads.



FIGURE 3: Install assembly between frame and lower A-Arm.



FIGURE 4: Carefully compress with jack until ball joint can be re-attached.



FIGURE 5: Make height adjustments with a ratchet, an extension, and a 3/4" socket. Right to raise and left to lower.

Item #2065

82 - 92 F-Body Weight Jack Kit

UMI Performance Inc.
Made in Philipsburg, PA - USA

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