



## INSTALLATION INSTRUCTION

### DISCLAIMER

UMI Performance shall not be held liable for any injuries or damages resulting from the improper installation of this product. It is the sole responsibility of the user to ensure that the product is installed correctly and in accordance with all applicable laws, codes, and regulations. The user assumes all risk and liability for any injuries or damages that may arise from the improper installation of this product. It is important to follow these steps carefully and use the proper tools to avoid damaging the vehicle or causing injury to yourself. If you are uncertain about any part of the installation process, it is recommended that you seek the assistance of a professional mechanic.

**Notes: This kit replace the factory "T" bolts with stronger U Bolts to better handle the loads of high horsepower cars. It is great upgrade for stock vehicles as well.**

Before installation, verify 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 when working on vehicle

1. Raise the car to a comfortable working height using the method of your choice. Follow applicable safety procedures.
  2. Support the car by the chassis around the front leaf spring mount. The rear axle will need to be free to move to replace the springs, Let the axle droop to remove any spring tension.
  3. Remove Wheels
  4. Disconnect the lower Shock mount from the Lower spring plate. Upper mounts can remain in place
  5. Remove the U bolt / T bolt nuts holding the spring plate.
  6. Raise the axle using a jack or lift tripod to free the axle from the spring. Prying may be necessary if the isolators are original
  7. Locate and remove the (3) bolts holding the front spring mount to the chassis. Support the spring when removing the last bolt as it will be free once removed.
  8. Replace the front thru bolt with the supplied ½-13 x 5" bolt. Place the washer under the nut and tighten to 50 ft lbs.
  9. Insert the Spring isolators between the axle and leaf spring, and set the axle onto the top of the leaf spring. It is important for the alignment pin to sit into the hole on the isolator. You should be able to feel the axle "set" into the correct place.
  10. Install U bolts, place the lower isolator pad onto the spring, then install the lower spring plate.
- \*Note**, the factory brake line may need moved slightly to clear the U bolt where factory T bolt was used.

## FIGURES FOR REFERENCE

*Fig. 1 Install New End Links*



*Fig 1. Location of front 3 mounting bolts.*



*Fig 2. Front mount installed on the spring.*

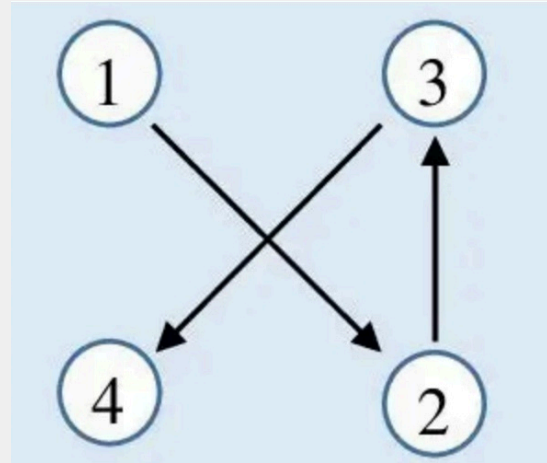


*Fig 3. Leaf Spring Isolators Installed*

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- 11.** Tighten the 4 spring plate nuts in a criss cross pattern. It is important to tighten these equal amounts. Final torque to 45 ft lbs.
- 12.** Reinstall the shock on the lower spring plate
- 13.** Repeat on the opposite side.
- 14.** Installation is complete.

## FIGURES FOR REFERENCE



*Fig 3. Ubolt Torque Sequence*