



MAXTRAC SUSPENSION
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PRODUCT: 840513/ 440513
GM 1500 PICKUP / SUV TORSION KEYS

PARTS LIST **QTY**

MAXTRAC TORSION KEY	2
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KEYS ARE UNIVERSAL TO FIT PASSENGER OR DRIVER SIDE OF THE VEHICLE.

PLEASE DOUBLE CHECK THE PARTS LIST BEFORE BEGINNING INSTALLATION, TO ENSURE ALL PARTS ARE PRESENT, IF THERE IS SOMETHING MISSING, PLEASE CONTACT MAXTRAC IMMEDIATELY 714-630-0363

READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING THE INSTALLATION.

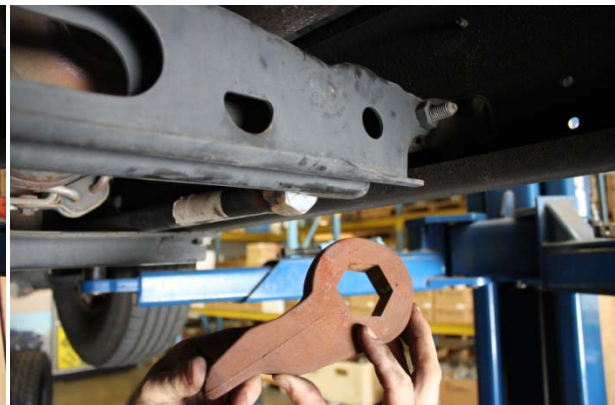
PRIOR TO INSTALLATION:

1. Factory service manual is recommended to have on hand.
2. Secure and properly block vehicle prior to beginning installation
3. Always wear safety glasses when using power tools or working under the vehicle
4. Modifications to any part will void the warranty associated with that product.
5. Jack up front of vehicle, place jack stands under frame, behind front suspension.

After removing parts from vehicle, save hardware for reinstallation

IT IS RECOMMENDED THAT YOU HAVE YOUR VEHICLE'S ALIGNMENT CHECKED WHENEVER INSTALLING NEW SUSPENSION. IT IS ALSO RECOMMENDED THAT YOU ADJUST YOUR HEADLIGHTS WHENEVER YOUR VEHICLE'S RIDE HEIGHT IS ALTERED.

1. Once the vehicle is jacked up and secured, locate the torsion key adjustment bolt, and record how much thread is available. If there is ½" to 1" of thread exposed, then the desired lift may be achieved using the factory keys. In some cases, Max Trac's keys may be indexed too much for these trucks.
2. Un-bolt the shock at either the top or bottom to ease the installation process.
3. Remove the torsion bar adjustment bolt and save for re-use. Use a torsion bar removal tool to pre-load the key and remove the threaded bar pin.
4. Unload the torsion bar tool and remove the factory keyway.



4. Install the new Max Trac Suspension torsion key, and reinstall the bar pin and torsion bolt.
5. Repeat the same process on the opposite side. When both sides are installed, lower the truck back down to ride height and compare the height of the driver's side to the passenger side using a tape measure. Adjust the bolts individually until both sides are even and the desired lift height is achieved. **NOTE: THE ADJUSTMENT BOLTS WON'T ALWAYS END UP THE SAME.**
6. Install your new shock or shock extenders if purchased, or re-attach the existing shock and tighten.

The front end alignment should always be checked after modifying the vehicle's suspension. The head lights should also be adjusted for the new stance of the vehicle.

- * ALIGNMENT MAY VARY BASED ON THE AMOUNT OF LIFT THE VEHICLE IS ADJUSTED TO
- * RIDE QUALITY DIRECTLY CORRELATES TO HOW MUCH THE TORSION KEYS ARE ADJUSTED.
- * A LONGER SHOCK OR SHOCK EXTENDER IS NEEDED FOR IMPROVED RIDE QUALITY.



MaxTrac
s u s p e n s i o n

RIDE HEIGHT SHEET

*THIS SHEET MUST BE FILLED OUT PRIOR TO CALLING WITH ANY DISCREPENCIES

YEAR _____ MAKE _____ MODEL _____

4WD / 2WD / AWD

MEASUREMENTS

*MOST ACCURATE MEASUREMENT IS FROM THE BOTTOM OF THE RIM, STRAIGHT UP TO THE BOTTOM OF THE FENDER

*TRUE HEIGHT WONT BE ACCURATE UNTIL VEHICAL IS ALIGNED

*THE VEHICLE'S CASTER WILL BE INCREASED OR DECREASED IF ONLY THE FRONT OF THE VEHICLE IS MODIFIED

	BEFORE	AFTER	DIFFERENCE
DRIVER FRONT	_____	_____	_____
DRIVER REAR	_____	_____	_____
PASSENGER FRONT	_____	_____	_____
PASSENGER REAR	_____	_____	_____