



MAX TRAC SUSPENSION  
4522 E. EISENHOWER CIR  
ANAHEIM, CA 92807  
714-630-0363  
[WWW.MAXTRACSUSPENSION.COM](http://WWW.MAXTRACSUSPENSION.COM)  
[SALES@MAXTRACSUSPENSION.COM](mailto:SALES@MAXTRACSUSPENSION.COM)

**PRODUCT: 303140**  
**04-08 FORD F150 4" REAR LOWERING KIT**

**PARTS LIST QTY**

LEAF SPRING HANGER	2
AXLE RELOCATOR	2
U-BOLT PLATES	2
U-BOLT RETAINER PLATES	2
HEX SCREW 3/8-16X1-1/4, GR5	4
NYLOCK NUT, 3/8-16	4
3/8 SAE FLAT WASHER	8
HEX SCREW M18-2.5 X 120MM	2
HEX SCREW M18-2.5 X 130MM	2
NYLOCK NUT, M18-2.5	4
FLAT WASHER, M18	8
SQUARE U-BOLTS, 3.1" X 9.0"	4
HI NUTS, 9/16-18	8
THICK WASHER, 9/16	8
BUMPSTOP	2

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

READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING THE INSTALLATION.

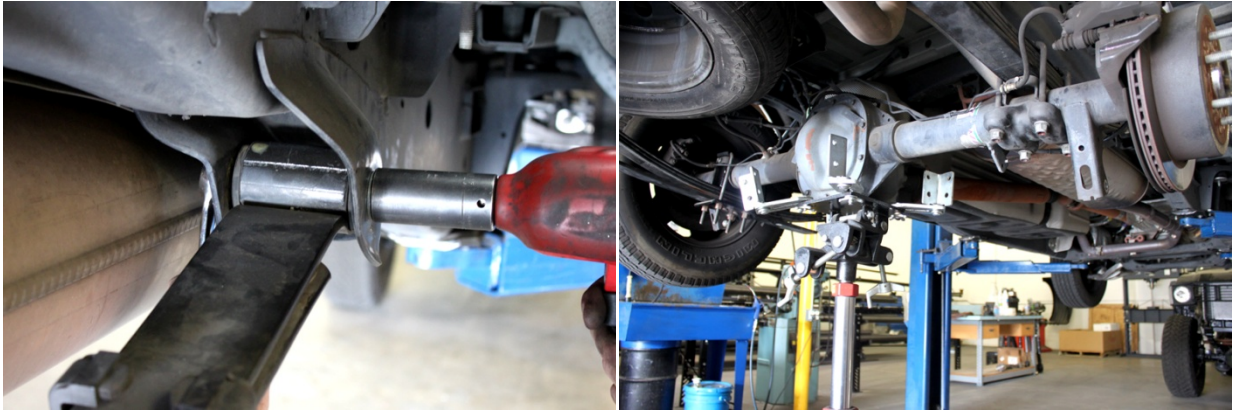
**PRIOR TO INSTALLATION:**

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 WHEN INSTALLING NEW SUSPENSION PARTS. IT IS ALSO RECOMMENDED THAT YOU ADJUST YOUR HEADLIGHTS WHENEVER YOUR VEHICLE'S RIDE HEIGHT IS ALTERED.**

1. Chock the front wheels to prevent vehicle from moving. Support rear of vehicle with a hoist or jack stands under frame rails. Use an adjustable jack to support differential.
2. Loosen the bolt at the front of the leaf spring, but do not remove.



3. Loosen both bolts at the shackle end of the leaf spring (rear).
4. Remove the stock shock absorber by removing the bottom bolt, then the top bolt.



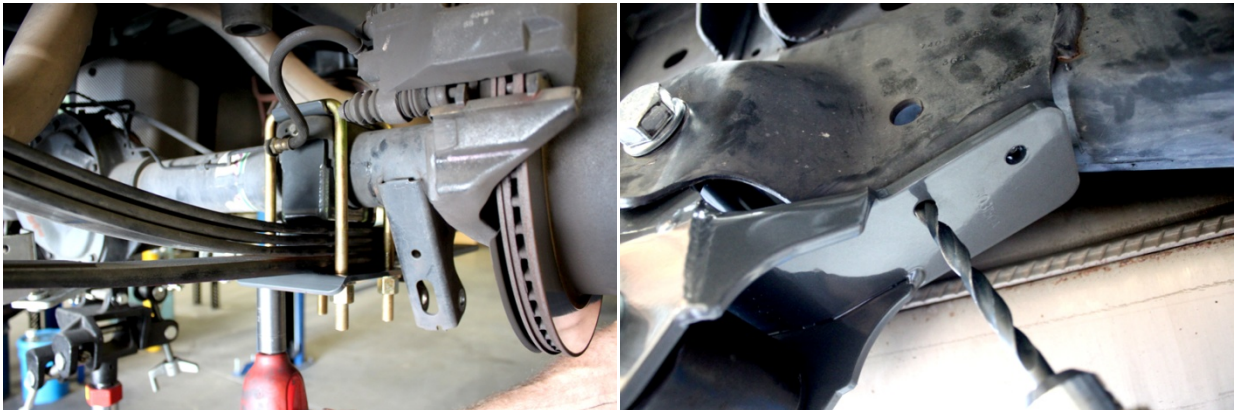
5. Remove stock bump stop and thread the new red bump stop in its place.
6. Remove stock U-bolts and spring plate.



7. Clamp leaf springs together to prevent leaf springs from separating, then remove factory U-bolt retainer plate and re-tighten center pin bolts.<sup>1</sup>
8. Remove leaf spring, jack up axle, then re-install leaf spring underneath the axle. Install provided axle relocater with notched center pin hole facing the front of the truck.<sup>2</sup>
9. Loosening brake line bracket bolt may be necessary to ensure that the axle relocater seats up firmly into the stock spring perch, re-tighten bolt once relocater is in place.<sup>3</sup>



10. Place the small spring plate on top of spring perch and tighten U-bolts with the bigger spring plate underneath the spring pack.
11. Slide the new rear hanger up into the original front spring hanger and install provided bolt into factory hole. Pushing hanger up against the frame and drill 2 holes, 3/8" wide, using the Max Trac hanger as a guide (pictured).



12. Install and tighten the provided 3/8" bolts where the holes were drilled in the previous step.
13. Install the Max Trac shock absorber(s) in the stock location.
14. Tighten (but not completely) the 3 leaf spring bolts; 1 front, 2 rear. Tighten completely once the vehicle is on the ground, so as not to ruin the spring bushings.



Have your truck re-aligned as soon as possible. Re-tighten all fasteners after 100 miles, then 500 miles.

