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PRODUCT: 303440
09-13 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 7/16-14-1 1/4, GR5	2
NYLOCK NUT, 7/16-14	2
7/16" SAE FLAT WASHER	4
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 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 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 Ubolts and spring plate



7. Clamp leaf springs together to prevent leaf springs from separating, then remove factory U-bolt retainer plate and retighten center pin bolts.¹
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.²
9. Loosening brake line bracket bolt may be necessary to ensure that the axle relocater seats up firmly into the stock spring perch, retighten bolt once relocater is in place.³



10. Place the small spring plate on top of the original spring perch and install U-bolts facing downward and through the bigger spring plate underneath the spring pack. Torque U-bolts to factory specs.
11. Slide the new rear hanger up into the original front spring hanger and install provided bolt into factory hole. Push the hanger up against the frame & install the provided 7/16" bolt into the slotted hole on the side of the hanger that lines up with the hole in the frame, then tighten.



12. Install the Maxtrac shock absorber(s) in the stock location.

13. 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.



IF DRIVE LINE VIBRATION IS EXPERIENCED, REMOVE THE FACTORY SPACER AT THE CARRIER BEARING