



Master Your Terrain

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U-Bolt Eliminators

Universal Applications [Maximum Axle Tube Diameter 3.25"]

Installation Instructions

Congratulations for purchasing TNT, Inc. U-Bolt Eliminators [UBE's]. Begin by unpacking your kit and comparing the contents to the packing list provided as attachment "A" to this manual. Please observe proper shop safety procedures when performing this install. Use proper eye and hearing protection as required and use safe jack stands/supports, place appropriately for supporting the vehicle while you work on it.

STEP 1:

Begin by preparing the axle that the UBE's will be installed on. It is important to have a clean surface to weld to. Remove the factory spring perches, and shock mounts – as these will be replaced with the UBE's and included weld on shock mounts. We recommend that the axle be cleaned with a flap disc attached to a 4.5" Grinder. This assures a clean surface to weld to

STEP 2:

Install the UBE's onto the leaf spring pack with the included top bump stop plate, and 1/2" hardware.

STEP 3:

Use proper shop safety during the following steps. Position the axle underneath the vehicle on jack stands. Lower the vehicle so the UBE's are barely touching the axle tube. Position the axle so it is square [side to side]. Gently allow the vehicle weight to be lowered onto axle until ride height is achieved [full weight on axle]. Rotate the pinion until the desired pinion angle is achieved. This is vehicle dependant. Tack the UBE's to the axle tube on each corner; front and rear. If your axle tube is less than 3" in diameter the corners will not be touching the axle tube. Next position the new, weld on shock

mounts to your satisfaction. Tack them into place. Once the UBE's & shock mounts are tacked into place and you are satisfied with the pinion angle, and side to side location of the axle you can move onto step 4.

STEP 4:

Support the vehicle until full weight is almost all the way off of the axle. Unbolt the UBE's from the spring pack. Raise the vehicle so you can remove the axle for final welding.

STEP 5:

Final welding of the UBE's & shock mounts can now be performed. We recommend a competent and qualified welder perform all welding. Once the axle has cooled, paint it with your choice of paint. We recommend a hammered finished paint.

STEP 6:

Reinstall the axle into the vehicle. Plumb all hydraulic lines. Double check all fasteners.

Thanks for choosing TNT for your Off-Road needs!!

Appendix A

Parts List:

- 2- U-Bolt Eliminators
- 2- Upper Bump Stop Plates
- 2- Weld on shock mounts [including washers, and lock nuts]

Hardware kit:

- 8 – 9/16" x 3.5" Grade 8 Bolts
- 16 – 9/16" Washers
- 8 – 9/16" Lock nuts