

Metal-tech, Cage LLC
2700 E 9th St. STE 200, Newberg OR
97132
metaltech4x4.com 503-822-1111

info@metaltech4x4.com

Your 2.0 rear coil conversion kit should contain:

- 2 ½-13 x 1.75" counter sunk bolts
- 2 ½-13 Half Nylock Nuts
- 2 Spring Isolators
- 2 2.0 center Pucks CNC Alum

GX470 / GX460 / 4Runner 2.0 Rear Coil Conversion Kit

SAFETY!

**Use the appropriate safety devices during your installation.
Wear safety glasses at all times. SAFETY!**

Thank you for your purchase of Metal Tech 4x4 GX470/GX460/4Runner Rear Coil Conversion Kit. We have taken great pride in their development and manufacturing. We also wheel what we make and look forward to the opportunity to see you on the trail! Before you begin your installation take a moment to read through this write up. There are a few key things noted that will help make the installation go smoothly.

GX470 and GX460

- 1.1 **REMOVAL:** Jack up the rear of the truck and support the vehicle with jack stands under the frame rail. Remove the rear tires
- 1.2 Disconnect the sway bar links on the frame with a 12mm wrench
- 1.3 Disconnect the wiring on both shocks located at the top. Once disconnected use a 17mm wrench to remove the bolt on the axle and stem mount on the frame.
- 1.4 Located on top of the frame where the air bag mounts you will see two air lines; one going to each air bag. You'll need to disconnect them; they are on a special quick release. You can see where the airline is mounted to by looking through the fender well between the body and frame. (or just cut them!)
- 1.5 Using a flashlight look through the fender well between the body and frame and there will be a spring clip holding the air bag in place. Use a long thin flat head screwdriver and slide the clip out of its position.
- 1.6 Remove the air bag.

- 2.1 **INSTALL:** Remove old parts and prep for the installation for the new parts.
- 2.2 Install the spring cups on the axle using the counter sunk bolts with a 5/16 Allen wrench, and nylock nut (3/4" wrench for the nut) 48 ft-lb torque dry.
- 2.3 Slide the spring tail isolators over the spring cups. Make sure the spring tail isolators orientation where the end of the pig tail is facing outwards towards the brakes.
- 2.4 Install the Prado 120 upper spring isolators (optional) on top of the spring.
- 2.5 Push down the axle on each side and install the new springs.
- 2.6 Depending if you're putting stock height springs or lifted springs, install your new/old shocks.
- 2.7 Install the sway bar links using the 12mm wrench.
- 2.8 Reinstall wheel and lower your GX470 /4Runner back onto the ground.

3.1 **Eliminating warning lights on dash:**

- 3.2 GX460 ONLY: Do not unplug, or remove any electrical component. Air compressor stays plugged in, rear height sensors stay plugged in and do not remove any relays or fuses.
- 3.3 At the rear height sensors mounting brackets, you will need to space them down from the frame IF YOU ARE LIFTING* the truck. A simple stack of 4 or 5 washers (not included in kit) on each bolt between the frame and the bracket will position the sensor in the position that will keep everything working correctly. The OEM bolts are long enough for the thickness of 5 washers.

*if you are not lifting the truck, leave the height of the brackets in their stock location.



GX470 ONLY: Disconnecting the Ride Control Computer, Fuses and Relay

- 3.1 Inside the engine bay you will locate the fuse/relay box on the driver side. The inside of the panel will have a chart showing the location of all the fuses and relays. Locate the “Air Sus 50A” fuse and the “Air Sus Fuse #2” and remove them from the fuse panel. Some vehicles may also require the removal of the TEMS 20A fuse form

We welcome your feedback on our products and your experience with Metal Tech 4x4. You can reach us toll free at 1-800-839-0684 Monday - Friday 8:30 AM to 5 PM PST. Or via e-mail at info@metaltech4x4.com

