

Z1 OFF-ROAD FRONTIER / XTERRA ECCENTRIC BOLT ELIMINATION KIT INSTALLATION GUIDELINES

PARTS INCLUDED:

Item	Quantity	Description
1	4	M14 x 120mm Flanged Bolt
2	4	M14 Nylon Lock Nut
3	8	Z1 Off-Road Lockout Plate



SAFETY REQUIREMENTS:

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Only operate drivetrain in safe space and well-ventilated areas.

PROCEDURE:

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Locate proper jacking points on vehicle's chassis (refer to vehicle's Owner Manual). Raise and support vehicle using jack & jack stands.
3. Remove the OEM lower control arm camber bolts and nut.
4. With a Z1 lockout plate on each side of the arm mount, install the new provided bolts and nuts.
 - a. The plates can not be installed with the arrow pointing down.
 - b. Installing with the arrow pointing up will place the arm in a neutral (centered) position.
 - c. Installing with the arrow pointing outwards of the vehicle will bring the arm inward.
 - d. Installing with the arrow pointing inwards of the vehicle will bring the arm outward.
5. Once all bolts and Z1 plates are installed, tighten the nuts so the bolts are not loose but DO NOT fully torque them down yet. Final torquing of the nuts should be performed with the vehicle on the ground.
6. Properly lower vehicle off jack stands.
7. Torque lower control arm nuts to 100ft-lbs.
8. Perform a final test drive of vehicle and then recheck the torque.

END

Additional Technical Support:

Contact Z1 Off-Road at info@z1offroad.com
Or call 678-839-8019 between 9am and 6pm ET