

SUSPENSION MAXX

ADVANCED LEVELING SYSTEMS

INSTALLATION INSTRUCTIONS

Part# SMX- 355Z71BJ

Chevrolet Colorado / GMC Canyon 4x4 and Z71 2wd with torsion bars
Upper Ball Joint Re-Location Spacer

INSTALL TIME: 1 HR.



1. Jack and support front of vehicle under frame contact load points.
2. Remove front wheels.
3. Lightly support lower control arm with floor or bottle jack.
4. Remove upper ball joint nut to spindle w/ 21mm wrench
5. Separate upper ball joint taper by striking knuckle /spindle near ball joint mount with brass hammer. **DO NOT USE WEDGE TYPE BALL JOINT SEPERATOR OR DAMAGE BOOT!**
6. Remove 3 upper ball joint to A-Arm attachment nuts w/ 15mm socket. Nuts are located underneath A-Arm.
7. Raise up upper A-Arm and remove upper ball joint.
8. Examine Ball joint boot for wear and/or debris boot /seal for damage. Replace as needed.
9. **Note: Original Direction** (threads toward ball joint stud). Press out 3 studs.
10. Clean and inspect 3 mounting studs and ball joint housing thru holes. Clean and inspect ball joint for bur-free, flat mounting surface.
11. **Note: Reinstall 3 studs in reverse direction back into ball joint** (threads opposite of ball joint stud threads). Studs must be flat and pressed in fully. **ZERO AIR GAP!**
12. Verify Spacer fits over studs. File holes if needed for a custom fit. **SPACER MUST BE FLAT ON BALL JOINT MOUNTING SURFACE!**
13. Check and clean upper A-Arm. Verify clean and free of rust, burs or damage.
14. Reinstall ball joint with 3 studs pointing upwards. Locate ball joint inward, as hole clearance allows. Install 3 new lock nuts supplied.
15. Torque upper arm to ball joint lock nuts to 25 ft/lbs.
16. Reinstall ball joint into steering knuckle. Torque upper ball joint nut to 65 ft/lbs.
17. Reinstall wheels.
18. Wheel alignment recommended and required.



Questions? E-mail us at tech@SuspensionMAXX.com
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