

UCA Bushing Replacement

Part #: Bushing Rev. 120825



491 W. Garfield Ave., Coldwater, MI 49036 • Phone: 517-279-2135

Web: www.bds-suspension.com • E-mail: tech-bds@ridefox.com

SAFETY WARNING

BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Raise the front of the vehicle and support with jack stands at each frame rail behind the lower control arms.
3. Remove the front wheels.
4. Support the knuckle assembly.
5. Remove the cotter pin if equipped and nut from the upper ball joint on the knuckle.
6. Reinstall nut a few turns by hand. Unseat the ball joint from the knuckle, refrain from hitting the steering knuckle. Use appropriate tool to separate ball joint to avoid damaging the knuckle.
7. Remove the upper control arm from the vehicle by removing the two bolts attaching the upper control arm to the strut bucket / frame. Mark and note bolt orientation upon removal, this same bolt orientation will be used for reinstallation. Save hardware.



Tip Removing strut or coilover assembly eases access to upper control arm mounting bolts. Consult OE service manuals and BDS kit installation instructions for proper damper removal and reinstallation procedures.

8. Using an appropriate bushing press, remove the old bushings from the control arm.
9. Install new bushings into the upper control arm using an appropriate bushing press.
10. Reattach control arm to the strut bucket/frame and ensure mounting bolt orientations marked in Step 7. Torque control arm mounting bolts to specification listed by application below.



Tip Inspect ball joint and ball joint boot during bushing service. Replace if damaged.



Caution Apply torque to mounting nut side only. Improper torque application will result with incorrect bushing preload.

11. Reattach ball joint to the steering knuckle and torque ball joint nut to factory specifications. If a cotter pin is used, do not loosen the nut to line up the cotter pin hole.
12. If applicable, reattach ABS wire and/or hoses to upper control arm in same locations pre-service.
13. Reinstall wheels / tires with lugnuts.
14. Lower the vehicle to the ground and torque lug nuts to factory specifications.

POST INSTALLATION

15. Double check all fasteners for proper torque.
16. A vehicle alignment is recommended following installation.
17. Check steering/tire clearance lock to lock. Ensure adequate slack in ABS wire and brake lines through full steering angles.
18. Check all fasteners after 500 miles.

Application	Kit #	Torque Spec
2019+ GM 1500***	BDS071023	126ft-lbs
2011+ GM 2500/3500	BDS088800	192ft-lbs
2007-2021 Tundra	BDS088800	173ft-lbs
2021+Tundra	BDS088800	122ft-lbs
2024+ Tacoma	BDS088800	122ft-lbs
2005-2023 Tacoma	BDS073202	85ft-lbs
2004-2020 F150	BDS073202	122ft-lbs
2021+ F150	BDS073202	122ft-lbs
2019-2023 Ranger	BDS073202	85ft-lbs
2021+ Bronco	BDS073201	122ft-lbs
***For this application, torque wrench on bolt head, hand wrench holding mounting nut stationary.		