



C8301-C8311
Chevy 1500
Ball Joint Replacement Instructions

Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products 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.

Difficulty Level

easy 1 2 **3** 4 5 difficult

Estimated installation: hours

Special Tools Required

Ball Joint Press

Tire/Wheel Fitment

N/A

INSTALLATION INSTRUCTIONS

1. Park vehicle on a clean, flat, and level surface. Block the wheels for safety.
2. Raise front of vehicle, and support frame rails with jack stands. Remove front wheels.
3. Mark upper control arm cams (if present). This is only necessary if the arms will be removed to use a press for ball joint replacement).
4. Disconnect the upper ball joint from steering knuckle. Do not allow the brake line or ABS line to hold the knuckle up in place. Strap knuckle in place if necessary.
5. Remove the grease fitting, remove the cap, remove the circlip that retains the ball joint.
6. Use a ball joint press, remove the ball joint from arm.
7. Remove the ball joint boot from the new ball joint, it can not be installed into the arm with the boot on.
8. Install new ball joint with ball joint press. Note: Ball joints are orientation specific. There will be a dimple or hole to indicate which direction the ball joint has more range of motion. This hole needs to face either towards the inside of the vehicle, or outside of the vehicle. Improper installation can cause premature failure. Reinstall cap and grease fitting, also install the circlip. Install ball joint boot with the retaining ring.
9. Reattach to steering knuckle, install cotter pin, and torque to factory specifications. Reinstall wheels and lower vehicle to the ground.
10. **GREASE BALL JOINT AT THIS TIME!** Grease again at regular service intervals.

C8301-C8311 Kit Contents

Qty Part

ZONC8301 - Chevy 1500 Ball Joint

1 Ball Joint

ZONC8311 - Chevy 1500 Master Kit

1 Ball Joint

1 Anodized Cap

1 O-ring

1 Grease Fitting

1 Ball Joint Cap Spacer Sleeve

