Spohn Performance, Inc.

494 E Lincoln Ave - Myerstown, PA 17067
1-888-365-6064 www.spohn.net

Part# 756 | Tubular Front Upper A-Arms

1978-1988 GM G-Body & 1982-2003 GM S-10/S-15 (2WD)

Tall Spindle Swap | 1970-1981 GM F-Body, 1977-1996 GM B-Body, or 1973-1977 GM A-Body Spindles

USE OF THIS PRODUCT IS ACCEPTANCE OF SELLER'S DISCLAIMER OF WARRANTY!

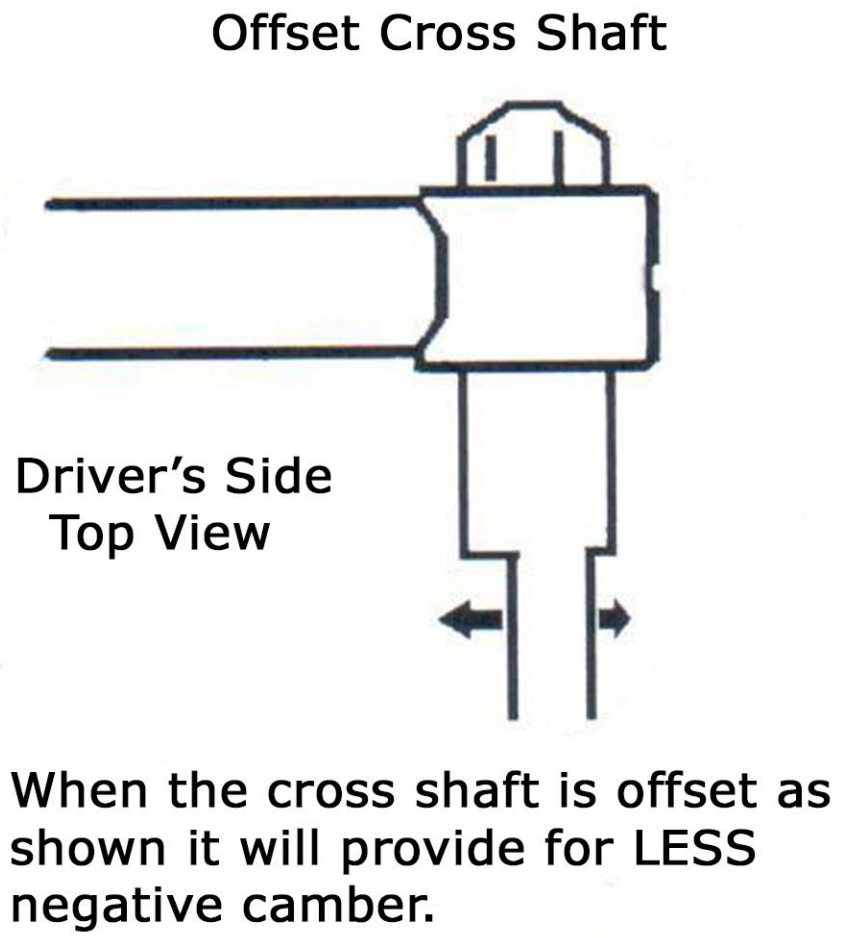
INSTALLATION INSTRUCTIONS

1. Begin by jacking up the front of the vehicle and then place jack stands under the frame to safely support the vehicle. The front wheels need to be off of the ground. Then remove both front wheels.
2. Remove both front sway bar end links from the a-arms and the front sway bar and rotate the front sway bar out of the way.
3. **On The Driver's Side Only:** Remove the cotter pin from the upper ball joint and loosen the castle nut. Do not remove.
4. Using a pickle fork or similar tool separate the upper ball joint from the spindle.
5. Using a floor jack, jack up on the front lower a-arm until the castle nut can be removed, and then remove the front upper arm from the spindle. Then remove the bolts that mount the cross shaft to the frame and remove the upper a-arm from the car. Note where the shims are located and how many at each bolt location and keep the shims for re-installation with the new upper a-arm.
6. Install the Spohn front upper a-arm to the frame using the same shims at the same bolt locations and make hand tight only.
7. Connect the upper ball joint to the spindle and fully tighten. Install the cotter pin.
8. **Repeat Steps 3-7 on the passenger's side**.
9. Re-install both front sway bar end links and make hand tight only.
10. Re-install both front wheels and fully tighten.
11. Safely lower the vehicle to the ground.
12. Tighten the front sway bar end links. Tighten the nut until you see the bushings starting to deform, then STOP.
13. Tighten the cross shaft to frame bolts to 86 ft./lbs.
14. Grease all four of the bushings (two per side) through the grease fittings. 2-3 pumps from a grease gun in each bushing is plenty, do not grease more than that.
15. **The vehicle must be taken for a front end alignment**.

VERY IMPORTANT: The bushings come pre-lubed. DO NOT use any petroleum based grease on polyurethane bushings! Polyurethane bushings must be lubricated with synthetic silicone based waterproof grease. These are the bushing manufacturer's recommendations to prevent premature bushing wear, and will keep things "squeak-free". You can order this grease from Spohn Performance using our **Part# 902**.

Do not over grease the bushings! You only need a couple pumps of grease. Over greasing will cause the bushings to balloon from the hydraulic pressure inside of the bushing sleeves and they will fail!

Offset Cross Shafts:

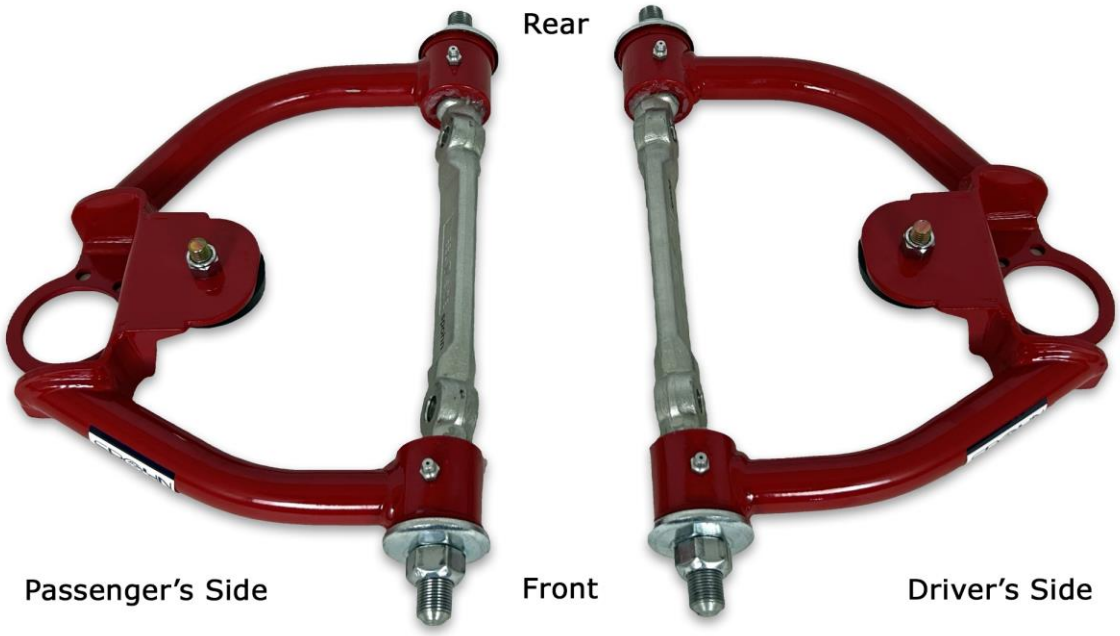


Tall Ball Joints & SuperTravel™ Ball Joints:

Some Spohn SKUs use tall upper ball joints to improve handling. Tall ball joints look different than standard ball joints. On tall ball joints, the ball joint shaft will be exposed, this is normal, the shaft will NOT be bottomed out against the spindle. The taper is what locks the ball joint shaft in place, and is the proper GM spindle taper. The rubber boot does not have to cover the shaft as grease is only necessary at the pivot point. SuperTravel ball joints are designed for vehicles that will be "laying frame". They feature an angled mounting plate to allow for extra downward travel on extremely lowered vehicles.

Recommended Alignment Settings

Left Side	Right Side
Caster: 4° Positive Camber: 1° Negative Toe-In: 1/16" Total	Caster: 4.5° Positive Camber: 1° Negative Toe-In: 1/16" Total



Tall Spindle Swap Information

Donor cars with tall spindles and 11 inch disc brake rotors:

Buick full size 77-81, Century 73-77, Riviera 77-78, Skylark 75-79, Cadillac Seville 76, Chevy full size 77-81, Camaro 70-81, Chevelle 73-77, Monte Carlo,Nova 75-79, GMC Sprint 73-77, Pontiac full size 77-81, Firebird 70-81, Grand Prix 73-77, Lemans 73-77, Phoenix 77-79, Ventura 75-77, Oldsmobile Cutlass 73-77, Omega 75-79

Donor cars with tall spindles and 12 inch disc brake rotors:

Buick full size: LeSabre wagon/Electra wagon 77-94

Cadillac Fleetwood/Deville 77-84 Brougham/Fleetwood 85-94

Chevy full size: Bel Air/Biscayne/Caprice/Impala 77-96

Olds: 98/Delta88/Delta 88 wagon 77-92

Pontiac full size: Bonneville/Catalina/Grandville 77-86