

# HOTCHKIS HOTCHKIS SPORT SUSPENSION

## 1215 DOUBLE ADJUSTABLE UPPER TRAILING ARMS 67-70 CHEVROLET B-BODY

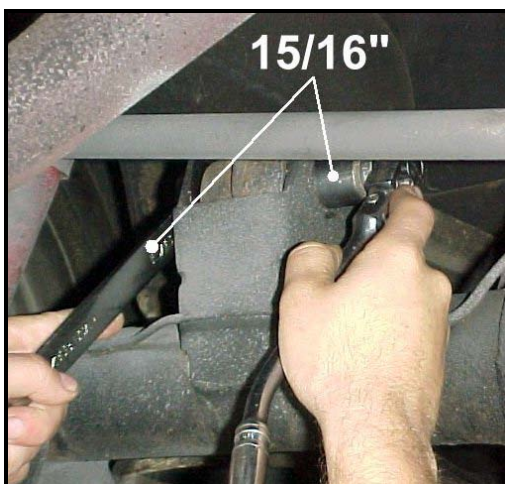


This installation will require:

- A hydraulic jack, jack stands
- The following wrenches or sockets: 15/16"
- Adjustable wrench (1-1/4" – 1-9/32" range of adjustment) for jam nuts.

### INSTALLATION OF HOTCHKIS PERFORMANCE DOUBLE ADJUSTABLE TRAILING ARMS

- 1) Securely block the front wheels of the vehicle. Use a jack to raise the rear of the vehicle and support with jack stands to the frame.
- 2) Use a 15/16" wrench or socket to loosen and remove the stock upper trailing arm hardware. **For Vehicles with two upper arms, Remove and replace only one arm at a time** as this will help keep the axle aligned properly and make it easier for removal and replacement. You may discard the stock hardware and upper arm(s).



- 3) Check the stock arm mounting hole center-to-center measurement. The Hotchkis upper arm center-to-center length should match the stock arm measurement.

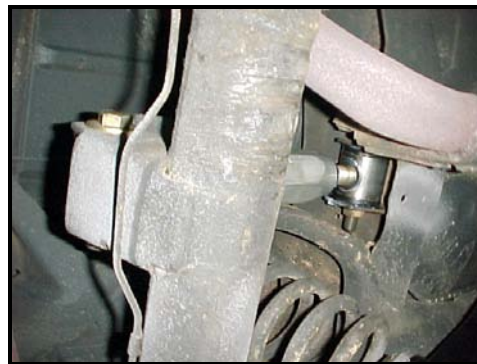


If the Hotchkis arm does not match the center-to-center length of the stock arm then you should adjust the length to match. Loosen the jam nuts at each end and turn the **center** section only! **Do not** turn the ends individually, as this will shorten the range of adjustment for the arm. Loosely tighten the jam nuts against the center section to hold it in place for the installation.

- 4) With the stock arm length matched, use the grease pack provided to apply a thick coat of grease to the bushing sides at each end of the arm. Apply a light coat of grease to the bushing contact areas on the frame and axle.



- 5) Install the Hotchkis arms with the **zerk fittings facing towards the ground** for easy access later. Insert the included hardware into the ends, and tighten the hardware at each end.

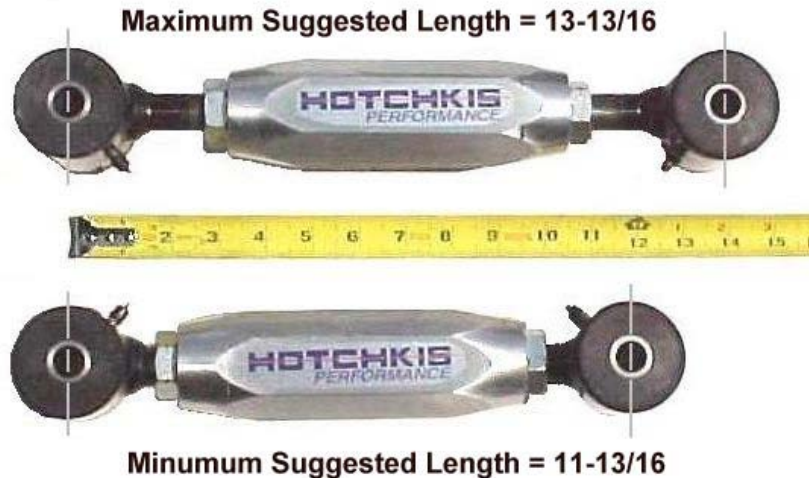


- 6) With the arms in place determine if any pinion angle adjustment is necessary. **For stock vehicles no adjustment should be required**, and you may move on to step 7. If the pinion angle needs to be adjusted **downwards** the arm length needs to be **shortened**. If the angle needs to be adjusted **upwards** the arm length should be **lengthened**.

- 7) To adjust the arm, loosen the jam nuts at **both** ends of the center section. With the jam nuts loose, rotate the **center** section until the desired pinion angle is reached. **One rotation (360deg)** of the center section will equal approximately **1deg** and **.125"** of length. **One half of a rotation (180deg)** of the center will equal approximately **1/2deg** and **.0625"** of length.

**Stock** arm length from center to center is **12.813" (12-13/16")**

The **maximum** suggested length of the arm from center to center is **13.813" (13-13/16")**



The **minimum** suggested length of the arm from center to center is **11.813" (11-13/16")**

**IMPORTANT!** There **MUST** be a minimum of 1.25 inches of thread engagement into **BOTH** sides of the center section for maximum strength!

- 8) Tighten the jam nuts to secure the arm at the desired length and pinion angle.

**IMPORTANT!** The jam nuts **MUST** be tight before usage. Then re-torque the jam nuts after the first use.

- 9) Make sure the zerk fitting caps are closed and all hardware has been properly tightened. Remove jack stands from under the vehicle with a jack and you're done!

**IMPORTANT!** For maintenance, use the zerk fittings to grease the bushings at least once a year (15,000 miles) or when excessive noise occurs. Use a non-lithium based grease only! A lithium-based grease can wash out with water and should not be used!



SEE NEXT PAGE FOR PARTS LIST

## 65-66 Chevrolet B-Body Adj. Upper Trailing Arm Kit, Parts List P/N 1214

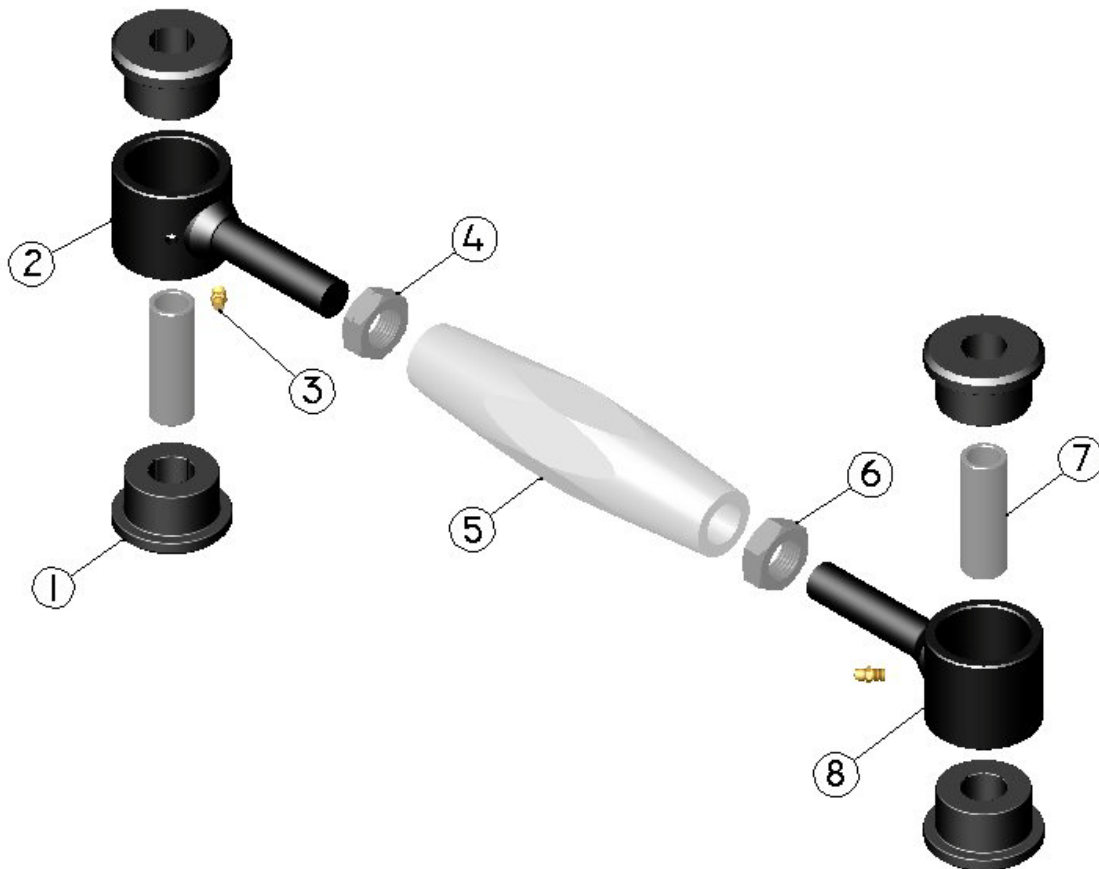
	Hotchkis P/N	Item Description	Quantity Per Kit
1	2255G	Bushing for 1305 Impala	4
2	12510006	Trailing Arm Head, Left Hand Thread - 65-70 Chevy B-body	1
3	7201	Zerk Fitting, Short	2
4	7/8-14 LTJAM	7/8" Left Hand Jamb Nut	1
5	12990006	Anodized Center Section, 65-66 Chevy B-body	1
6	7/8-14 JAM	7/8" Right Hand Jamb Nut	1
7	16410006	Trailing Arm Bushing Sleeve, 65-70 Chevy B-body	2
8	12610006	Trailing Arm Head, Right Hand Thread - 65-70 Chevy B-body	1

### Hardware Included in Kit 1733 (one per kit 1214)

9	5/8-18X4HEX	5/8 x 4" Long Bolt, Hex Head	2
10	5/8 SAE	5/8" Flat Washer	4
11	5/8-18NYLOCK	5/8" Nylock Nut	2

### Items Not Shown

12	GC-5B	Black Grease Caps	2
13	9.11108	Grease Pack	1
14	1733	Instruction Set	1





CHECK OUT EVERYTHING ELSE HOTCHKIS PERFORMANCE MAKES FOR YOUR 65-70 B-BODY CHEVROLET!!



*Tubular front and rear sport sway bar set!*



*Boxed lower trailing arms to help stiffen up the rear end!  
Features a welded spring seat for easier spring installations!*



*Double adjustable panhard rod to properly center your axle!*