



PERFORMANCE USA LLC

May 11, 2018

78-88 G Body Rear Trailing Arm Kit



Parts in this kit may vary slightly from photo.

The following instructions are intended for professional installers and are guidelines only. Speedtech Performance assumes NO responsibility for the installation of any of its products. All products are intended for off road use only and must be installed by qualified professionals only.

Thank you for purchasing your new Speedtech G-Body Trailing arm kit. Installing this product will require the unbolting and removal of your rear suspension. Take all necessary precautions whenever jacking up your vehicle and use safe and sturdy jack stands to support the vehicle whenever it is off the ground. Be sure to take all other safety precautions required to do the job correctly.

G Body GM Rear Axle Trailing Arm Hardware Kit Checklist

- Installation Instructions (1)
- Articulink Upper Trailing Arm (2)
- Articulink Lower Trailing Arm (2)
- Sway Bar End Link Assemblies (2)
- Sway Bar End Link Brackets (2)

Trailing Arms

- 12 mm x 3 ½ " Bolts (8)
- 12 mm Stover Lock Nut (8)
- 12 mm dia. Bolt Sleeves (6)
- 12 mm Flat Washers (16)

Sway Bar Links

- 3/8 x 2" Fine Bolts (4)
- 3/8" Fine Nylock Nuts (4)
- 3/8" Washers (4)

Sway Bar Link Brackets

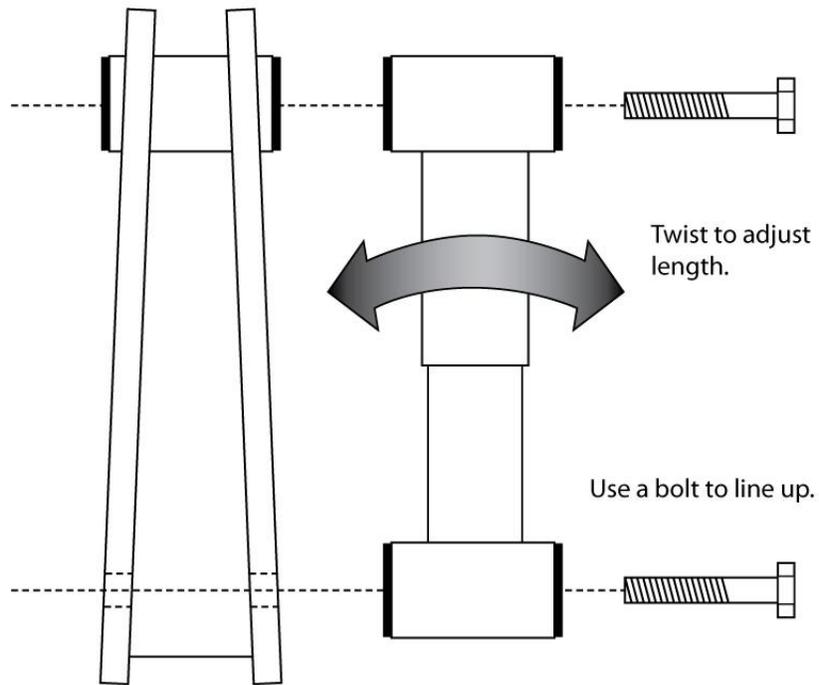
- 3/8 x 3/4" Coarse Bolts (6)
- 3/8" Coarse Nylock Nuts (6)
- 3/8" Washers (8)

***Additionally you will need a drill with a 3/8" bit to properly mount the sway bar end link brackets.**

Note: When using Currie or other rear Axle or lower control arm mounts with 1/2" hole instead of 12 mm, contact us for proper bolts and sleeves.

The vehicle should be on a level surface before you start.

1. In a couple short hours you can update your G-Body with new Speedtech Performance trailing arms. We recommend you inspect all of your car's suspension components prior to installation of our parts, such as bushings and brake lines which may be worn and could cause adverse effects. Replace parts as necessary. We suggest you replace the upper axle housing bushings with factory replacement rubber bushings. This will allow the correct amount of articulation that the rear suspension requires. Axle mounted rubber upper trailing arm bushings are Moog #K6178.
2. Jack up and properly support the vehicle on sturdy jack stands, two supporting the rear axle and two supporting the front of the frame. Remove the rear wheels. With the rear axle supported, record pinion angle AT RIDE HEIGHT. You will need to match this number after your new trailing arms are installed. An easy way to do this is attach your pinion gauge to the heads of two rear end cover bolts that align vertically.
3. Support the rear of the frame with jack stands. Remove the shocks and watching that you don't stretch the brake hose, carefully lower the rear axle until you can remove the coil springs. Support the axle with jack stands. Place another jack stand under the pinion ujoint to keep the rear axle from rotating once it is unbolted. Remove the upper trailing arms.
4. Using the factory upper arms, line up the bolt holes with those on the Speedtech upper arms. If an adjustment is needed, the Speedtech Articulink control arms are threaded and can be adjusted by twisting them either to the right to shorten or left to lengthen. See diagram on page 4.



Use this process for upper and lower trailing arms.

5. Using the new bolts install the Speedtech upper trailing arms with the grease fitting pointing **downward**.



5. Remove the factory lower trailing arms. Adjust the Speedtech lowers as needed in the same manner as the uppers. Install the trailing arms with the new bolts. Raise the axle to ride height and recheck pinion angle. If the angle is off, remove the rearward end of the lower trailing arms. Adjust the driver's side arm and reinstall. Adjust passenger arm to match bolt hole alignment and reinstall. Check pinion angle again. Repeat process until desired pinion angle is achieved.



6. Check to make sure the rear axle is laterally centered side to side in the car and the wheels are centered front to back in the wheel opening. Adjust trailing arms as needed. Always be sure pinion angle is rechecked as centering adjustments are made.

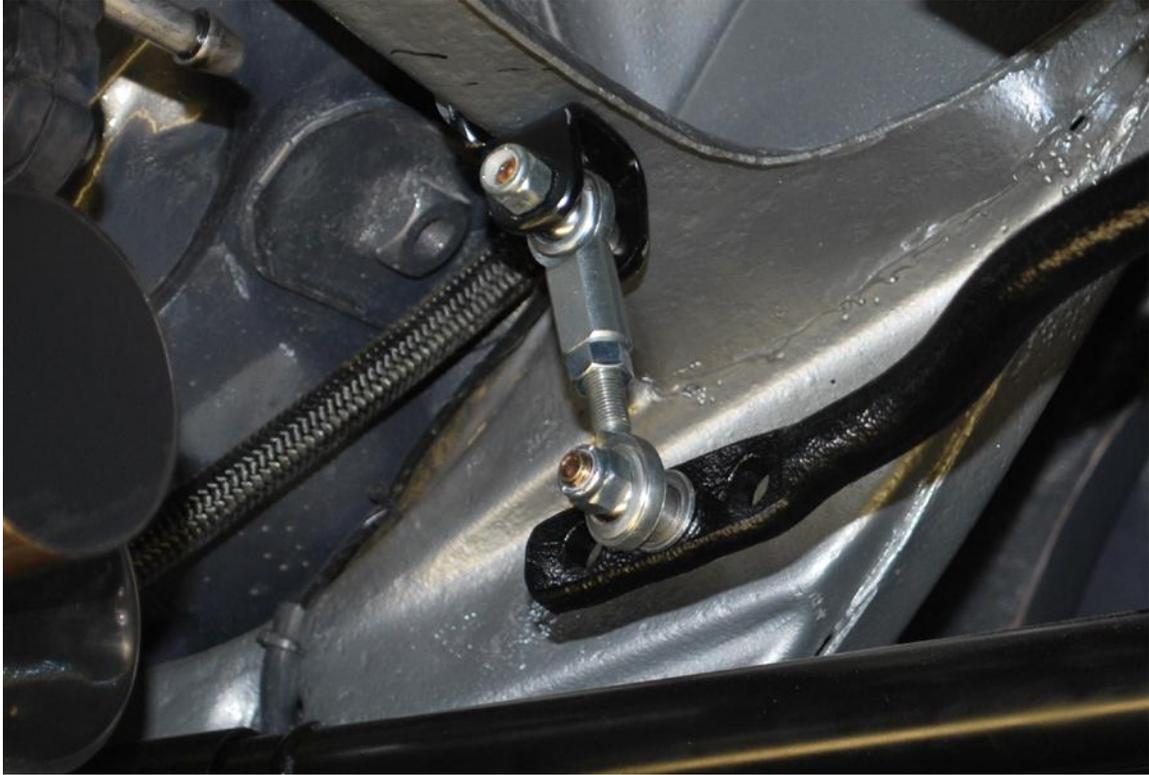
7. Reinstall coil springs and shocks.

Sway Bar Installation

1. Use the sway bar hardware to attach bar to the rear axle. Do not fully tighten at this time. See sway bar instructions for further information.

2. You **will not** be using the end links and associated hardware that come with the sway bar. Bolt the end links that come with the trailing arms to the sway bar on the inside of the bar, with the spacer between the link and the sway bar. Do not fully tighten yet. Attach the upper link brackets to the links and position with the vertical tab against the front of the frame cross member. Be sure the links are standing vertically. Mark two holes to bolt down each of the brackets, one for the horizontal hole and one for a vertical hole. Remove the bracket from the links and drill the holes with the 3/8" bit. Bolt down the brackets, then bolt the links to the brackets.





7. Be sure all bolts are tight.

Speedtech Performance USA LLC

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5. Please consult your sales agent and/or technician prior to purchase of any of Speed Tech Performance Ltd. Products to ensure proper fit. The buyer assumes all responsibilities for determining the suitability of the product. All aftermarket products should always be installed by professionals only.

Warranty Claim:

1. Speed tech Performance Ltd. Warrants its products against materials and workmanship failure for the term of 12 months (1 year) from the date of purchase and only up to the amount paid with proof of purchase.
2. Seller's liability shall as limited to repairing or replacing, at its option, any defective product which is returned, freight prepaid to Seller, according to the Merchandise Return Procedure set forth in Section 3 below. Buyer shall bear all responsibility for shipping charges and risk of loss or damage during transit to Seller. Products which have been subjected to abuse, misuse, alteration, neglect or unauthorized repair or installation, as determined solely by Seller, are not covered by this warranty. Any alterations, addition, improvements or attachments to the product(s) not authorized in writing by the Seller shall be deemed to be a waiver of this warranty by Buyer and shall render this warranty null and void. Seller shall return repaired or replaced product(s) to Buyer, at its expense via regular ground service in Canada. Shipping charges by all other methods and to all other destinations shall be borne by Buyer.
3. Merchandise return procedure
 - A. If you purchased your Speed tech performance Ltd product from us or from an authorized dealer, you are covered by the terms of this policy. All claims however, must be submitted directly to Speed tech performance Ltd.
 - B. Call the customer service representative at 1-888-467-1625.
 - C. Provide the invoice number, date of purchase and reason for return
 - D. You will be assigned a Returned Goods Authorization Number (RGA). The package you return must show the RGA on the outside of the package, include the original invoice and be shipped prepaid to our facility. The part has to be in its original packaging materials and be in a resellable condition. For parts presenting signs of use, only warranty claims will be accepted.
 - E. Ship to seller, freight pre-paid and insured for replacement cost in original packaging.
 - F. Replacement or repair decision will be made when merchandise is received by seller. No advance replacement is available.

How to File a Warranty Claim:

The answer to ALL the following questions should be YES before contacting our Customer Service Department.

Is the part appropriate to your application?

Did you carefully and thoroughly read the instructions provided along with the part?

Do you have the proof of purchase?

Are you the original purchaser?

Is the part unmodified and clean?

Is the return date within 3 months from the purchase date?

Is the reason for return a legitimate product defect?

If the answer to all these questions is YES, please contact our Customer Service Department at 1-888-467-1625. You will be given a Returned Goods Authorization Number (RGA) valid for 30 days. You will also be asked to ship the part prepaid to our facility. All shipments MUST be prepaid, include the original invoice and show the RGA on the outside of the package, otherwise it will be refused. Please include a brief explanation letter in order to expedite the warranty analysis process.

What doesn't this Warranty Cover?

The costs not covered by this warranty include but are not limited to:

- Removal, installation, shipment and insurance costs.
- Improper installation or maintenance
- Misuse or abuse, negligence
- Damage to related components
- Normal wear and tear.
- Costs incurred due to down time of vehicle
- Alterations on the original design or unauthorized repairs.

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