

1993-2002 GM F-Body Adjustable Lower A-Arms (Drag Chromoly)

Item # 2317



Box Contents

Qty	Part #	Description
1	2317 Driver	Front Lower Driver A-arm
1	2317 Passenger	Front Lower Passenger A-arm
2	101-10049 (Assembled)	Ball Joint
2	KMX12 (Assembled)	Rod End
2	YMR12T (Assembled)	High Misalignment Rod End
4	SJNR12 (Assembled)	Jam Nut
4	2300H (Assembled)	Aluminum Bushing
4	2300S (Assembled)	Aluminum Bushing
4	3044D	Aluminum Spacer (0.26" Length)
2	1000003	3/8-16 x 1.25" Gr. 8 bolt
2	1000006	3/8 Flat Washer
2	1000013	1/2-13 Nylock Nut
2	1000015	1/2 Flat Washer
2	1000082	1/2-13 x 2.5" Gr 8 bolt
2	1000101	3/8-16 Nylock Nut

Before installation, verify box contents are correct and read through instructions completely.

Always ensure proper support when working under a vehicle. Use approved jack stands when using a floor jack as well as proper technique for securing your car while on a drive-on lift. Always use proper safety clothing and eye protection when grinding and welding.

Tools required:

- Wrenches and Sockets
- Shock with lower bearing mount



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Installation Instructions

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Installation

- 1.** Jack up front of vehicle and place jack stands under vehicle frame. Do not support vehicle using A-Arms.
- 2.** Begin with one side and remove wheel. Note: This installation may be performed easiest with brake assembly and rotor removed. This can be completed now.
- 3.** Locate lower ball joint in the factory A-Arm and remove cotter pin, loosen ball joint nut but do not remove. Unbolt the shock from lower A-Arm and remove sway bar end link.
- 4.** Remove ball joint nut and separate steering knuckle from A-Arm, this may require a ball joint separator. Tie up or support steering knuckle making sure not to put too much pressure on tie-rod ends. If you find it easier to remove the steering knuckle from the vehicle this can be done now, if installing new upper A-Arms the steering knuckle must be removed.

Note: If you are installing upper A-Arms as well please review the upper A-Arm installation sheet.

- 5.** Locate (2) bolts attaching A-Arm to the K-member, loosen and remove both bolts. Bolts may be hard to remove but will come out moving the A-Arm back and forth. Remove A-Arm from the vehicle.
- 6.** Locate new A-Arm for the correct side of the vehicle. Each A-Arm will only fit on one side. Install A-Arm into K-member using the factory bolts removed in step 5. Note: If you removed the spindle re-install it at this time.
- 7.** Swing lower A-Arm up and attach ball joint into the steering knuckle using the new nut and cotter pin supplied.
- 8.** Now install the shock. The shock is bolted in between the tabs as shown in figures 2 and 3. Be sure to use the appropriate spacers for your bearing length. Reconnect sway bar end link. End link on opposite side may need loosened to tighten this side.
- 9.** Tighten both upper and lower A-Arms and re-install brake and rotor assembly if removed. Install wheel and repeat steps 1-9 on opposite side.
- 10.** The A-arms also provide tabs to attach a droop limiter. Those may be installed now if desired.
- 11.** Once both sides are completed lower vehicle to ground. Torque all (4) A-Arm bolts with suspension loaded and all (4) upper A-Arm bolts (if applicable) also tighten all jam nuts on the rod ends. You may wish to place a small amount of thread locker on each jam nut to prevent nuts from coming loose. **Check jam nuts often for tightness.** Grease ball joints.

Figure 1
Measuring the bearing size



Figure 2
Mounting a 1 inch shock bearing

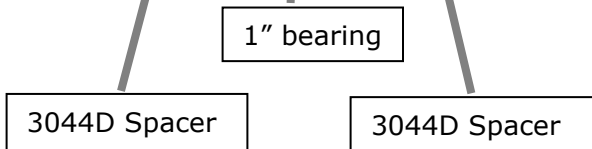
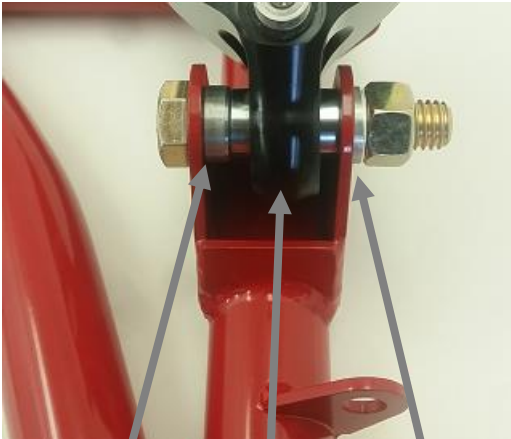
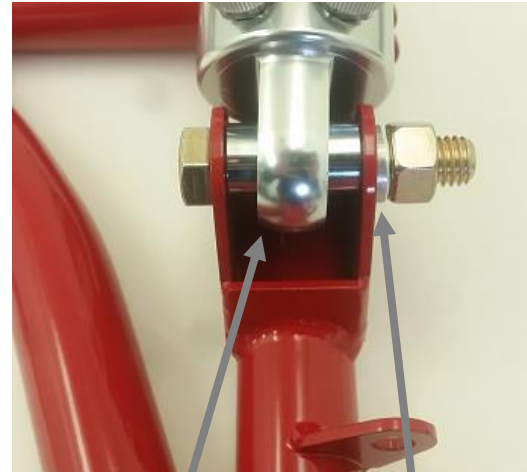


Figure 3
Mounting a 1¼ inch shock bearing



SWAY BAR ENDLINKS ARE SOLD SEPERATELY. P/N UMI 2649

Upon completion of both driver and passenger side A-Arms, install the sway bar end links and tighten to properly "squish" the bushings.

End-links should be assembled to the sway bar as shown in the figure to the right. Once everything is installed to the sway bar, lock the two upper jam nuts. Also, lock the lower jam nut against the rod end.

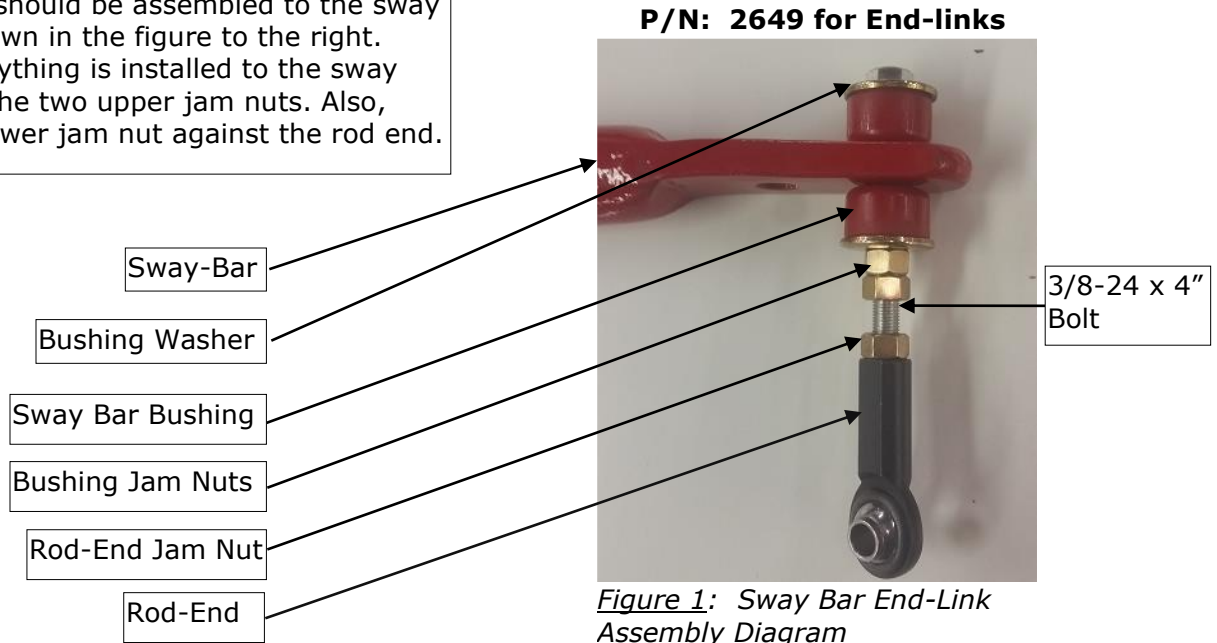


Figure 1: Sway Bar End-Link Assembly Diagram

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93-02 F Body – Drag Race Coilover Arms

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