



**Detroit Speed
Universal Swivel Link
P/N: 041901DS & 041902DS**

The Detroit Speed Universal Length Swivel Link Rear Suspension Kit is a terrific way to upgrade the rear suspension for various trailing arm applications. DSE's unique rear trailing links incorporate our patented Swivel-Link™ system. These tubular trailing arms eliminate bind allowing the rear suspension to fully articulate without the use of noisy spherical rod ends. The Swivel-Link™ Rear Trailing Links allow for easy pinion angle adjustment for improved traction and lower driveline vibrations. DSE offers these links in two and four foot lengths so you can cut them to length to fit various applications.



DSE Swivel-Link™ U.S. Patent Number: 7,398,984

Figure 1 - 2' Swivel Link Shown (P/N: 041901DS)

Item	Description	Quantity
1	2' Swivel-Link Assembly (P/N: 041901DS only)	1
1	4' Swivel-Link Assembly (P/N: 041902DS only)	1
2	Adjuster End Assembly	1
3	Weld Nut	1
4	3/4"-16 Jam Nut White Zinc	1
5	Instructions	1

Fastener Torque Specifications	
Application	Torque (ft-lbs)
Upper & Lower Link Bolts	120
Swivel Link Jam Nuts	100

1. To begin installation, chock the front wheels and loosen the rear lug nuts. Raise the rear of the vehicle and support the vehicle with jack stands under the frame. Remove the rear wheels. **CAUTION:** The rear axle should be supported with jackstands under the axle tubes and one under the front of the axle at the pinion.
2. Determine the length of your trailing arm for your application. Install the adjuster end assembly into the weld nut leaving exposed threads for adjustment. **NOTE: There can be no more than 2" of exposed threads on the end link (3/4" of thread engagement in the tube). This measurement does include the jam nut.**
3. Install the weld nut and adjuster end into the Swivel-Link sleeve assembly and hold in place with tape for mock up purpose. Measure the length of the Swivel-Link to determine how much you need to shorten the tube for your application.
4. Remove the weld nut and adjuster end and cut the Swivel-Link sleeve down to fit your application. Tack weld the weld nut to the tube and thread the adjuster end into the Swivel-Link assembly. Install into your vehicle and check the length.
5. Once you have the correct length finish weld the weld nut to the Swivel-Link sleeve.
6. Repeat steps 2 thru 4 for the remaining links on your application.
7. Protect and paint your Swivel-Link Tubes. Assemble and install the Swivel-Links in your vehicle. **CAUTION:** Do not powder coat these links as that process will permanently damage the Swivel-Link. We recommend using 9/16"-18 Grade 8 bolts with two SAE Washers and one Nylock Nut per attachment point.
8. Once all of the links are installed, verify the rear axle is centered in the car and the wheelbase is correct. Also, make sure the pinion angle is set correctly by using the upper link adjustments. Verify your wheel base by using the lower link adjustments. It may be necessary to adjust the links both top and bottom to obtain proper fitment. **NOTE: There can be no more than 2" of exposed threads on the end link (3/4" of thread engagement in the tube). This measurement does include the jam nut.** Once the axle is in the proper position, torque the end link jam nuts to 100 ft-lbs.
9. Settle the suspension by bouncing the vehicle several times and then torque all of the rear suspension link pivot bolts to 120 ft-lbs. with the vehicle sitting at ride height.
10. The installation is complete at this time.

If you have any questions before or during the installation of this product, please contact Detroit Speed at tech@detroitsspeed.com or 704.662.3272

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Detroit Speed
Swivel-Links

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