



ANTIROCK[®]

OFF-ROAD SWAY BAR

RockJock[®] Professional OffRoad Products presents:
CE-9900 & CE-9900A Antirock[®] Sway Bar Kits
Installation Instructions

Fits: Front of Jeep TJ Wranglers and Jeep LJ Unlimiteds from 1997-2006.

Kit Includes: one 36" sway bar, two 18" long black side arms - or - two 18" long aluminum side arms (CE-9900A kit), two 8 1/2" long x 1/2"-20 threaded link rods, two 3" diameter white UHMW bushings, two 5/16"-24 x 3/4" bolts, two 5/16" flat washers, two 5/16" split lock washers, two 3/8"-24 x 2 1/2" bolts, two 3/8"-24 nyloc nuts, two 1/2"-20 RH thread male rod ends with stud, two 1/2"-20 LH thread male rod ends with stud, two 1/2"-20 RH thread jam nuts, two 1/2"-20 LH thread jam nuts, and four 1/2"-20 nyloc nuts.

General Information: The Antirock off road sway bar kit is designed to directly replace the Jeep's stock front sway bar and to be run in conjunction with the stock rear sway bar or the Currie Antirock rear sway bar. The object is to balance the front and rear suspension off road resulting in better, more constant traction. This sway bar is designed to be connected on and off road. On the road, the Jeep will have more body roll than stock - heavier Jeeps may need to increase the effect of the sway bar by decreasing the leverage point - there are 5 adjustment point for changing the rate of the bar. The sway bar itself is of a torsion bar style design and is made out of 4340 alloy steel. This matches the quality that is commonly used in off road racing today.



Instructions:

- 1) Remove the front bumper and stock front sway bar assembly from the vehicle, including the links that connect the sway bar to the front end housing.
- 2) Using a good sized hammer and a block of wood, knock the 3" diameter white plastic bushings into the front tube crossmember at the front of the Jeep's frame - completely smooth side will be facing out. Push the arms snugly up against the white bushings. Notice the flat on one side of the bushing before installing it and make sure it corresponds with the flat in the tube before installing. A few hard hits should get the bushing in and seated against the lip.
- 3) Grease the inside diameter of the bushings and the ends of the sway bar. Use moly-lube or multi-purpose grease.
- 4) Push sway bar through bushings, use mallet to tap on end of sway bar if necessary. Center sway bar in the crossmember.
- 5) Install 18" long sway bar arms on each end of the sway bar. You will want to install them with the stepped side of them facing inward toward the bushing & frame - completely smooth side will be facing out. Push the arms snugly up against the white bushings. The arms should be clocked on the splines of the bar so that they are parallel with each other. Use the 3/8"-24 x 2 1/2" bolts and the 3/8" nylock nuts to clamp the arms to the sway bar. The 5/16"-24 x 3/4" bolts, the 5/16" lock washers, and the 5/16" flat washers bolt into the end of the sway bar on each side for safety. The Antirock stickers go toward the outside, and the arms run parallel to the frame (see note 1). You may now install the "Antirock" stickers on the arms.
- 6) Set the arms parallel with the frame and measure from the center of the middle adjustment hole in the arm to the center of the hole in the sway bar mount point hole on the front end housing. This dimension is used to set the length of your new sway bar links. So, measuring from threaded stud to threaded stud on the links, you may set them to the proper length and tighten their jam nuts. On any Jeep with a 4" suspension lift and a 1" body lift, we recommend 10 1/2" on this dimension. Extra thread is provided on the 8 1/2" threaded rods, so if you need to cut them down to suite your dimension, do so now using a hack saw. You will then thread the jam nuts onto your cut link, and then install the rod ends. Then you will measure your center to center on the rod ends and make sure it matches your dimension that you measured off of your vehicle. If the dimension matches, you may now tighten the jam nuts. For reference, if you measured 9" from center of hole to center of hole, you would need to cut 1 1/2" off of the supplied 8 1/2" long rod. This would give you a rod that was 7" long, and a complete assembled link that was 9" from center of rod end to center of rod end.
- 7) Install sway bar links. Use the fourth hole back from the sway bar on the sway bar arms to start with. Use the 1/2"-20 nyloc nuts to attach the links. The links go through the arms from the outside, and the nuts go on the frame side of the arms. On the front end housing mount point, the nut goes on the tire side of the bracket and the stud comes through the bracket from the back side.
- 8) Reinstall front bumper.
- 9) **CAUTION:** Check the length of your linkage by articulating the suspension! Make sure that the black side arms do not hit under the fenders when the suspension is fully articulated. If the arms do hit, you will need to adjust the linkage.
- 10) Test drive the vehicle. The sway bar rate may be increased by moving the linkage forward toward the bumper, thus shortening the arm, and vice-versa, the sway bar rate may be decreased by moving the linkage backward toward the rearend, they lengthening the arm. NOTE: Each hole forward that you move the linkage you will lose approximately 1/2" of articulation.



Currie Enterprises / RockJock Professional Off Road Products
382 N. Smith Ave., Corona, Ca. 92880
Ph (714) 528-6957 - F (951) 549-0267
www.rockjock4x4.com



Notes:

- 1) These instructions are assuming vehicle is equipped with the Currie 4" suspension kit. Use of any other suspension kit will require you to make adjustments according to unique characteristics of the suspension kit your vehicle is equipped with. Specifically, up and down suspension travel relative to the ride height of the vehicle. These factors must be taken into account when setting the length of the Antirock arms.
- 2) Jeep will have more body roll than it did with the stock sway bar.
- 3) The Antirock swaybar is designed to be used in conjunction with the stock rear sway bar or an Antirock rear sway bar.
- 4) The 2 hole settings closest to the sway bar on the Antirock side arms are for on-road use only.

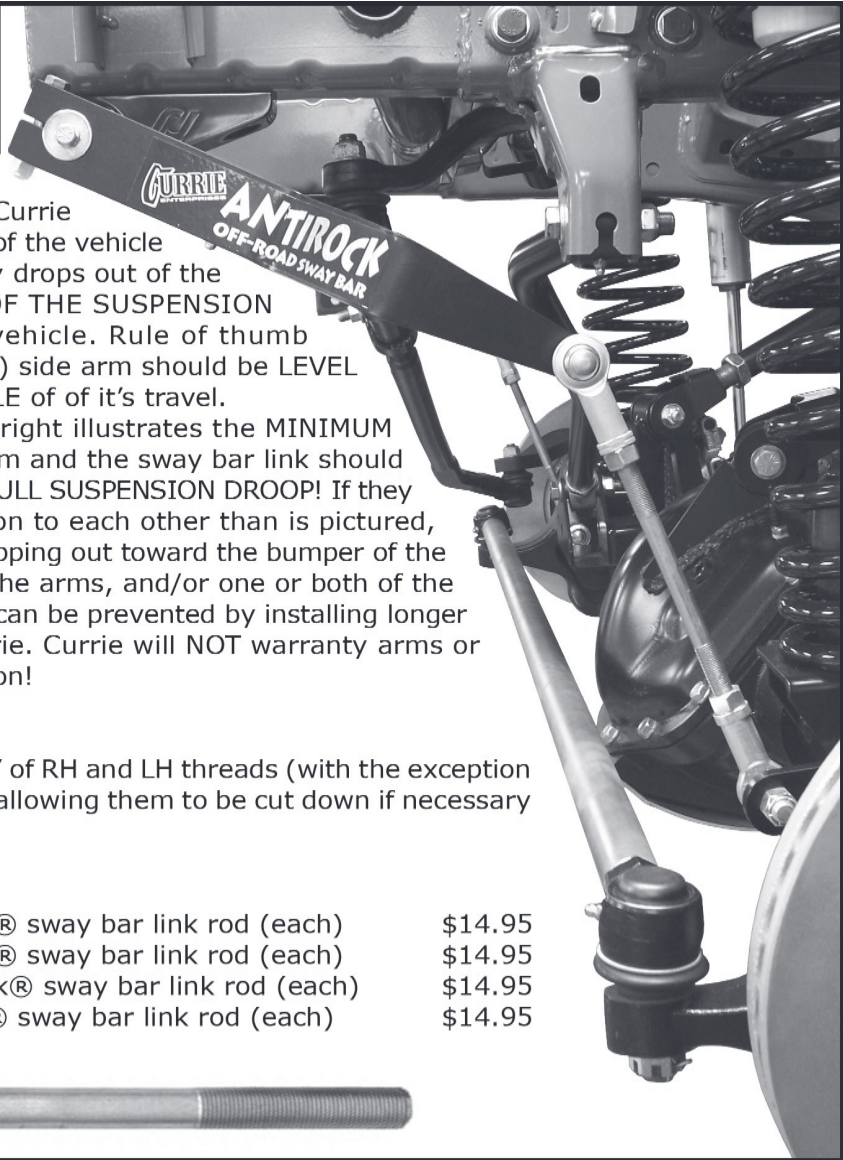
Parts for CE-9900 Kit

CE-99001	36" sway bar - bar only	\$99.95
CE-99002	End Link with rod ends (heim joints) and hardware - each	\$75.00
CE-9901RD4	End Link - 8 1/2" rod only - each.....	\$14.95
CE-99006	Heim Joint - female - 1/2"-20 RH - each	\$29.95
CE-99006L	Heim Joint - female - 1/2"-20 LH - each	\$29.95
CE-99003-18	18" steel arm - left or right - each	\$35.95
CE-99004	Poly (UHMW) end cap - each	\$8.95
CE-99005	Hardware Pack - 2 - 3/8"-24 x 2 1/2" bolts w/ 2 nylock nuts, 2 - 5/16"-24 x 3/4" bolts w/ 2 lock washers, and 2 flat washers.....	\$9.95

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Proper Sway Bar Adjustment

To correctly adjust FRONT or REAR Antirock® link rods, or sway bars using Currie adjustable sway bar link rods, the frame of the vehicle must be raised so that the axle assembly drops out of the vehicle UNTIL it reaches the MIDDLE OF THE SUSPENSION TRAVEL. This is DIFFERENT on EVERY vehicle. Rule of thumb is that the Antirock® (or stock sway bar) side arm should be LEVEL when the axle assembly is in the MIDDLE of of it's travel. Secondly, be advised! The photo to the right illustrates the MINIMUM ALLOWABLE ANGLE that the sway bar arm and the sway bar link should EVER reach when the axle assembly is at FULL SUSPENSION DROOP! If they become any straighter of a line in relation to each other than is pictured, you risk the arm going past center and flipping out toward the bumper of the vehicle. In this instance, one or both of the arms, and/or one or both of the link rods may be bent or destroyed. This can be prevented by installing longer link rods that are available through Currie. Currie will NOT warranty arms or link rods that are bent due to this situation!



Available Link Rods: feature 2 1/2" of RH and LH threads (with the exception of the 14" rod that has 4" of RH threads) allowing them to be cut down if necessary for an exact fit in your application.

CE-9901RD3	6.5" long Antirock® sway bar link rod (each)	\$14.95
CE-9901RD4	8.5" long Antirock® sway bar link rod (each)	\$14.95
CE-9901RD5	10.5" long Antirock® sway bar link rod (each)	\$14.95
CE-9901RD2	14" long Antirock® sway bar link rod (each)	\$14.95



If you have any questions on our products or require any assistance during the installation process of this product, please feel free to contact our technical staff at:



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