

ANTIROCK®

OFFROAD SWAYBAR

**CE-9900JKF, CE-9900JKFAA & RJ-236100-101 JEEP JK FRONT ANTIROCK SWAY BAR
INSTALLATION INSTRUCTIONS & TECHNICAL MANUAL**



Fits

- All models of 2007-2018 Jeep JK Wrangler & Unlimited

Kit Includes

1) CE-99001B.....	36" Antirock® Bar	2) CE-91257A661.....	3/8"-24 X 2 1/2" Bolt
1) CE-9900JK-MSK.....	Mounting Brackets (Steel)	2) CE-95615A150.....	3/8"-24 Nylock Nut
or CE-9900JK-MAK.....	Mounting Brackets (Aluminum)	2) CE-9901RD4.....	Sway Bar End Link Rod
2) RJ-202001-101.....	Forged Chromoly Arms	2) CE-990006.....	Sway Bar End Link Rod End (RH)
or CE-99003-JKLA.....	Billet Aluminum Arms	2) CE-99006L.....	Sway Bar End Link Rod End (LH)
2) CE-9901D.....	Antirock® Bushing	4) CE-95615A220.....	1/2"-20 Nyock Nut
2) CE-99005B3.....	5/16"-24 x 7/8" Allen Bolt	2) CE-95462A525.....	1/2"-20 Jam Nuts (RH Thread)
2) CE-99005WA.....	5/16" Aluminum Body Washer	2) CE-H0020.....	1/2"-20 Jam Nut (LH Thread)

Required Tools

- Complete set of hand tools.

Instructions

- 1) Remove the factory anti-sway bar and all of it's bracketry and links.
- 2) With a mallet and a block of wood (if necessary), install the Antirock® bushings into the new frame brackets so that the flange of the bushings stop against the protruding hubs on the outboard sides of the brackets.
Apply all purpose (non-synthetic) black grease to the inside bore of the bushings.
- 3) Install the Antirock® frame brackets to the bottoms of the frame rails using the factory bolts. Tighten the front bolts, but just snug the rear bolts.
- 4) Tap the Antirock® bar through the mounts with a rubber or plastic mallet (never hit the bar with a metal hammer!). The snugged rear bracket bolts will allow the brackets to self-align properly.
Tighten the rear bolts once the bar is installed.
- 5) Next, install the Antirock® arms by using the supplied hardware. Make sure that the arms are "clocked" the same from side to side. Rotate the arms before attaching the links to ensure proper clearance. Some later model JKs require minor trimming to the body mount brackets under the grille (see diagram at right).
- 6) Assemble and install the supplied sway bar end links.
- 7) Refer to the adjustment instructions on the next page to attain proper adjustment of the Antirock® in your vehicle.



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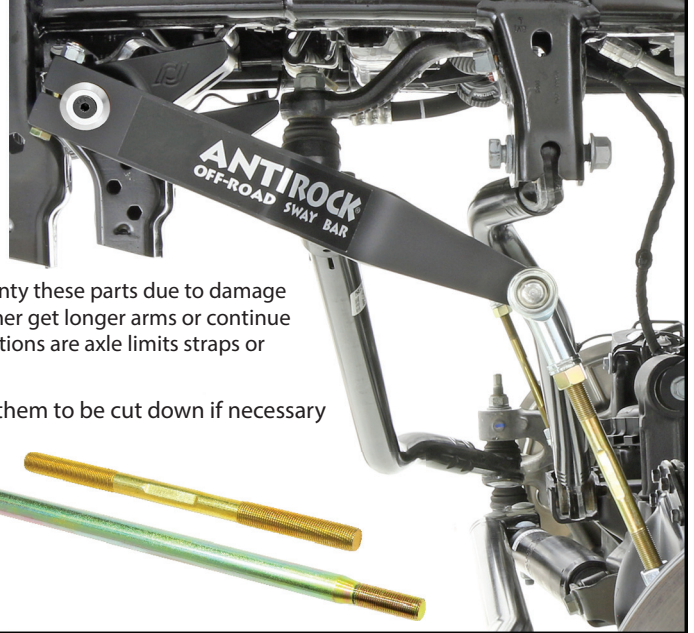


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Proper Antirock® Adjustment

To correctly adjust a **front** or **rear** Antirock sway bar and determine how long the end links should be, we recommend the following process. You will need to determine how much suspension up travel and down travel that your vehicle has. Once you have those numbers, you will add them together to determine total overall travel. For example, if your vehicle has 4" of up travel and 8" of down travel, adding those number together, you get 12" of overall travel. Next, you'll need to find the midway point of your suspension travel, so, 12 divided by 2 is 6. So, the 6" point is the midway point of your vehicle's travel. You'll then need to set the axle at the 6" point – so the midway point of it's travel. When the axle is at the midway point of it's travel – this is the **ONLY** time the Antirock arms should ever be level. So, now that your axle is set to the midway point, go ahead and level the Anitrock arms. Next, measure center to center from the link mounting hole in the end of the Antirock arm, to the link mounting hole on your differential housing. This dimension is your mandatory link length for your specific vehicle build.

It is very important that, upon down travel, the link rod and the arm never become a straight line (see diagram to the right of a safe angle). If they do, you are in danger of them flipping upside down toward, the bumper, and not returning upward to their original location. If this situation does occur, the link rods and or the Antirock arms may be destroyed. RockJock **does not** warranty these parts due to damage caused by improper set up! If you foresee this being an issue, you'll need to either get longer arms or continue to adjust the link length (or both), until this situation can never occur. Other options are axle limits straps or shorter shocks that limit the axle's down travel.



Available Link Rods: feature long, trimmable RH & LH threads allowing them to be cut down if necessary for an exact fit in your application. See our website for exact specs.

CE-9901RD3	6.5" long Antirock sway bar link rod
CE-9901RD4	8.5" long Antirock sway bar link rod
CE-9901RD5	10.5" long Antirock sway bar link rod
RJ- 517200-1	12.5" long Antirock sway bar link rod
CE-9901RD2	14" long Antirock sway bar link rod
RJ- 253200-1	15.5" long Antirock sway bar link rod



CALIFORNIA PROP 65 WARNING

WARNING: These products can expose you to chemicals including Chromium, Lead, Lead Compounds, Nickel (Metallic), Nickel Compounds, Diisonyl and Di(2-ethylhexyl) Phthalates (DEHP)(DINP) which are known to the State of California to cause cancer or birth defects or other reproductive harm. **For more information, visit www.P65warnings.ca.gov**



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