



OFFICIAL STEERING & SUSPENSION OF NASCAR®

THE PROBLEM SOLVER®

PROBLEM:

Lower control arm failure due to corrosion

Lower rear control arms on Jeep Liberty vehicles driven in "salt belt" states (where salt is applied to melt snow and ice on roads) are susceptible to salt-induced corrosion over time. Several issues can occur:

- Internal corrosion from water entering the unit leads to eventual breakage, causing the vehicle's back end to become loose and making it difficult to control. (The situation prompted Jeep to issue a recall in 2012.)
- The welded-on bracket for the sway bar link attachment can break off, causing noise and handling issues.



ORIGINAL DESIGN CAN LEAD TO INTERNAL CORROSION

WELDED BRACKET CAN BREAK OFF



OE DESIGN

Description	Years	Make/Model	Part Number
Lower Control Arm, Rear	2002-2007	Jeep Liberty	CK641180

SOLUTION:

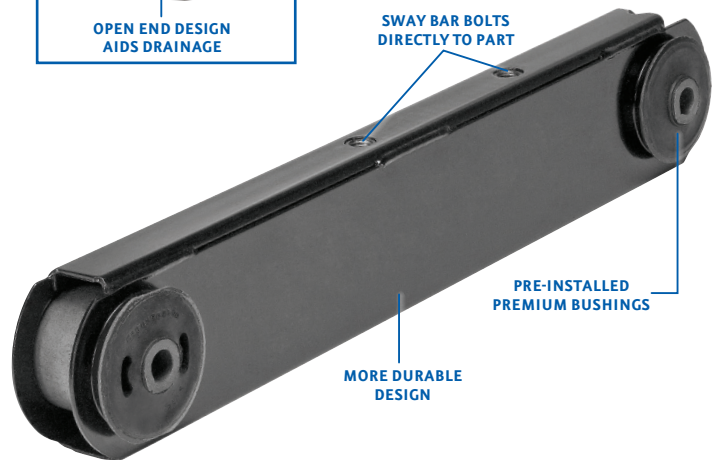
MOOG® Problem Solver® CK641180 lower control arm (rear)

The MOOG® Problem Solver® CK641180 lower rear control arm is more rugged than the OE design. Its larger box construction provides additional strength and durability. The CK641180 is open on both ends to keep water from becoming trapped in the part, to help eliminate corrosion. In addition, the sway bar bolts directly onto the control arm, preventing issues that a welded bracket can cause.



OPEN END DESIGN AIDS DRAINAGE

SWAY BAR BOLTS DIRECTLY TO PART



PRE-INSTALLED PREMIUM BUSHINGS

MORE DURABLE DESIGN