

Cement Mixer Stinger Axle Booster Cylinder Bushings (ATRO Part Numbers EB38651 and EB38700)

Many concrete mixers employ a rear mounted "Stinger Axle" that drops down and makes contact with the pavement, usually powered down by a hydraulic cylinder. These "Booster Bridge Trailing Axles" are forced down to shift the load forward towards the front of the truck. This allows concrete mixers to maximize payload and meet local weight restrictions by improved weight distribution across the truck axles. These "drop down" axles on the rear of the mixer are often rigid suspensions. Being rigid they take a beating and ATRO's stronger polyurethane material provide much longer life for the booster cylinder bushings mounted at the end of the cylinders. The EB38700 BridgeKing cylinder bushing has an extended outer sleeve to reduce cracking. Please see the diagram for the bushing locations.

There are several manufacturers of these suspensions. The following bushings are popular applications:

ATRO #EB38700

Con-Tech #750051

BridgeKing Cylinder Pivot Bushing

Kimble #C9634375-03

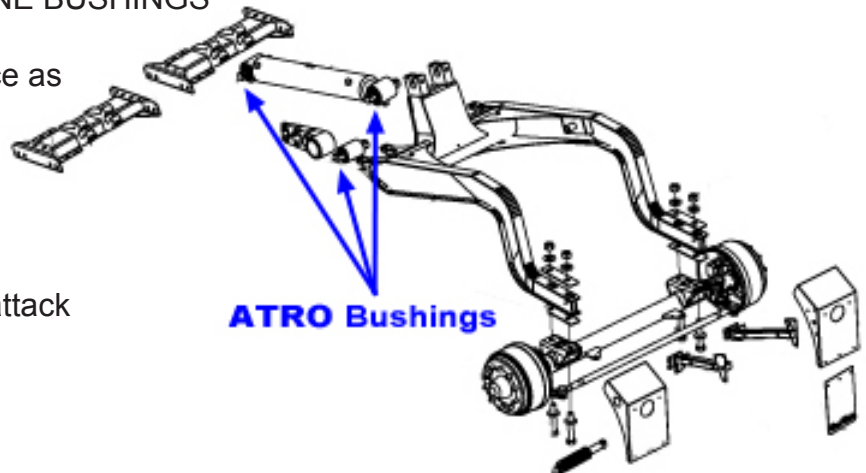
ATRO #EB38651

McNeilus #0183488

McNeilus Booster Cylinder Bushing

BENEFITS OF ATRO'S POLYURETHANE BUSHINGS

- Polyurethane material twice as strong as rubber
- 3-5 times the life of rubber bushings
- Not affected by chemical attack including acidic cleaners



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