



Rear Wishbone Lower Eccentric Monoball Kit - Installation Instructions

Part #2260008

Cars applicable:

2012 – present 991

Parts list:

Qty	Description
2	Weather sealed eccentric monoball cartridges
1	Loctite 680 retaining compound 5ml capsule

Tools Required:

arbor press or hydraulic press, solvent (aerosol brake cleaner or similar)

Introduction –

Congratulations on your selection of the Elephant Racing 991 Rear Wishbone Lower Sealed Eccentric Monoball Kit. These cartridges replace compliant factory rubber bushings with hardened-steel spherical bearings. Unlike poly bushings that bind and resist movement, true spherical bearings allow free motion on multiple axes.

Need more camber? Elephant Racing's proprietary-design Eccentric Monoball Cartridges can be installed to provide nearly 1 degree more or less camber preset per side. Track can be widened approximately 1/2 inch.

Our fully sealed monoball cartridge kits feature maintenance free PTFE linings requiring no supplemental lubrication. We've designed in weather seals to keep dirt out and extend product life. This is the only monoball suitable for street or extended track use. Dirt and water contaminate ordinary products and accelerate wear.



Rear Wishbone Lower Weather Sealed Monoball Kit



Monoball cartridge installs into the bushing location

Step-by-Step Installation -

1 – Remove rear wishbone lowers from the car

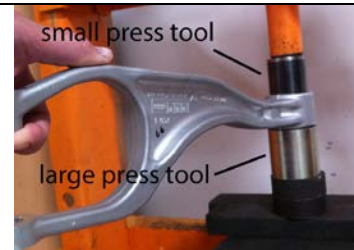
Refer to an appropriate shop manual



2 –Remove rubber bushing

Use a press to press the bushing out. Focus the force on the outer bushing metal sleeve using a small cylindrical press tool. Support the back of the arm using a larger diameter cylindrical press tool.

Clean the bushing bore with solvent, removing all oil/grease and dirt in preparation for the Loctite 680 Retaining Compound.



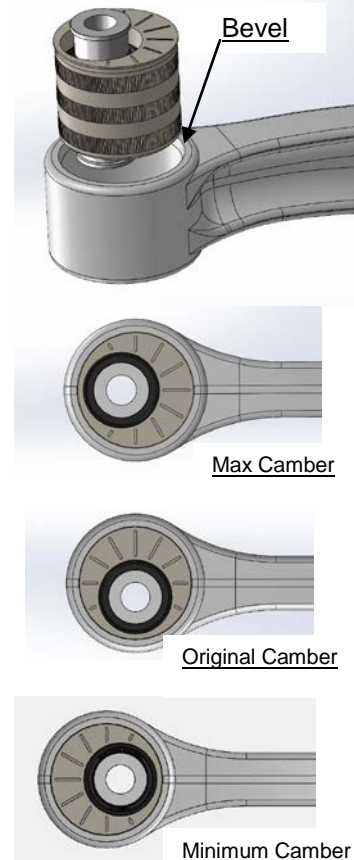
3 – Install rear monoball cartridge kit into control arms

Apply a thin film of the Loctite 680 to the entire outer diameter of the monoball cartridge and inner bore of the arm. Partially insert the cartridge into the beveled side of the arm as shown. Do not push it fully into place at this time.

Visually align the eccentric for desired camber preset by aligning the indices on the cartridge with the parting line ridge running along the middle of the arm. Max camber preset and track width is achieved by rotating the cartridge so that the bearing is in the position shown as "Max Camber", essentially lengthening the arm. Rotating it around to the opposite shortens the arm to provide less negative camber and rotated down replicates the setting of the original bushing.

Press the cartridge into place until the tapered flange is fully seated into the bevel of the arm.

Note, do not press on the center bearing spacer. Doing so might damage the bearing. Instead, press only on the surface of the monoball housing.



4 – Install rear wishbone lowers into car