



## Rear Monoball - Installation Instructions

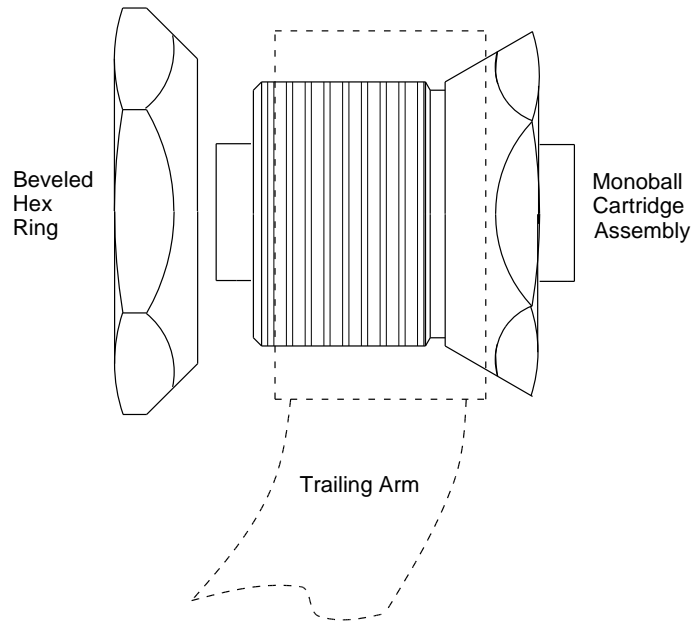
Part # 2221800

### Cars applicable:

'78 – '95 944 Series

### Parts list:

Qty	Description
2	Monoball cartridge assembly
2	Beveled hex ring



Rear Monoball Kit with weather seals

### Introduction –

Monoball cartridges replace the rubber bushings and metal cups of the trailing arm inner mount.

The Monoball cartridge assembly is pre-assembled and comprised of a threaded carrier, spherical bearing, two spacers, weather seal and a retaining ring. The spherical bearing is maintenance free and requires no lubrication or servicing. The integrated weather seal keeps contaminants out and extends bearing life.

The Monoball cartridge assembly is inserted into the trailing arm and the Beveled hex ring is threaded on to retain the assembly.

Use blue threadlocker on the threads.



## Step-by-Step Installation -

1 – Remove trailing arms from the car.

Refer to an appropriate shop manual.

2 – Remove the rubber bushings.

Secure the trailing arm in a bench vise.

Heat the center metal spacers with a propane torch until a small wisp of smoke is visible. The center spacers can then be pried off with a screwdriver. Pull out the rubber bushings.



3 – Remove bushing metal cups.

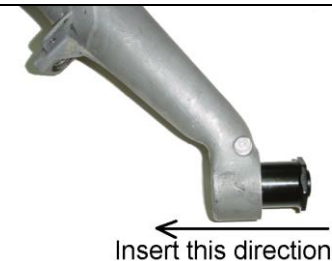
Secure the trailing arm in a bench vise. The cup halves meet in the center of the bore. Using caution not to damage the soft aluminum of the trailing arm, position a chisel in the union between cup halves and drive them out from the bore. Heating the aluminum around the cups with a propane torch will expand it and make it easier to drive them out.



4 – Install monoball cartridges into trailing arms.

Inspect the trailing arm inner mount. Remove any dirt and file smooth any nicks or cuts on the face and bevel of the arm.

Insert the Monoball cartridge assembly through the trailing arm in the direction shown. Apply some blue threadlocker to the threads and thread the Beveled hex ring onto the Monoball cartridge assembly such that the bevel fits into the trailing arm. Use a 1 3/4 inch socket, spud wrench or other suitable wrench to tighten the Beveled hex ring to 50 ft/lbs.



5 – Install trailing arms into car.



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