



Rear Spring Plate Sealed Monoball Kit - Installation Instructions

Part #2260004

Cars applicable:

'89 – '94 964, 965

Parts list:

Qty	Description
2	Weather sealed monoball cartridges
2	Polyurethane bushings
2	Retaining clips

Tools required:

arbor press or hydraulic press, propane torch, liquid soap, circlip pliers

Introduction –

Congratulations on your selection of the Elephant Racing 964 Spring Plate Sealed Monoball Kit. These cartridges replace the original soft or worn spring plate bushings while still retaining the toe-correcting benefits of the Weissach axle design.

Our fully sealed monoball cartridge kits feature maintenance free PTFE linings requiring no supplemental lubrication. We designed the cartridge with a 95A polyurethane outer bushing compound to improve performance by reducing deflection under load while maintaining the noise isolation characteristics of the original rubber. Weather seals 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 Spring Plate Monoball Kit



Monoball cartridge installed in original spring plates

Step-by-Step Installation -

1 – Remove rear spring plates from the car

Refer to an appropriate shop manual

2 –Remove rubber bushings

Peel off the two blue wire boot retainers and remove the large rubber boot.

Heat the metal around the bushing with a torch until the rubber begins to smoke. Use a press to push against the mushroom shaped spacer and press the bushing out.



3 – Install rear monoball cartridge kit into spring plates

Insert the polyurethane bushing half way into the tapered side of the spring plate as shown. Do not push it fully into place at this time.

Apply a small amount of liquid soap to the inner diameter of the polyurethane bushing. Align the monoball cartridge with the bushing and press the cartridge into the spring plate until the cartridge flange just begins to compress the polyurethane bushing lip against the spring plate. The flanges of the Polyurethane bushing should bear against the shoulder on both sides of the arm. If not, you may need to press the cartridge out and try again.

Note, do not press on the center bearing spacer. Doing so might damage the bearing. Instead, use a suitable socket or piece of tubing to press only on the outer flange of the monoball housing.



4- Install the retaining ring

Use proper snap ring pliers and avoid over-expansion of the retaining ring during installation.



5 – Install spring plates into car