



EP Tuning V6 Wishbone Bearing Upgrade

IMPORTANT Please read these instructions carefully **BEFORE** attempting installation.

We advise just the spherical bearings to be cooled in a freezer compartment in a plastic bag for a few hours prior to install to ease fitment.

Grease is provided to be used on the 'O' Rings only the bearings do not require grease.

Make sure bearing is straight before insertion

Kit Comprises

- 1 x Rear bearing install tool
- 1 x Front bearing install tool.
- 1 x Original Bush Removal tool & wishbone protector.
- 2 x 22mm 'O' Rings
- 14 x 26mm 'O' Rings
- 8 x 30mm O/D Quality Spherical Bearings
- 8 x Pre-assembled Rear wishbone Sleeves with Bearings and Conical Spacers
- 14 x Conical Spacers for the Front Wishbones
- 2 x Special Conical Spacers for the Front Lower wishbone
- 8 x Stainless Steel Circlips

Installing into Front Upper and Lower wishbones

- 1/. Remove the original bushes from the wishbones with the removal tool and clean the inside of the bearing carrier thoroughly with solvent cleaner
- 2/. Install the 30mm bearing (**Picture1**) to the 4 x upper wishbone bearing carriers using the tool provided
- 3/. Install the New 30mm bearing to just one of the bearing carriers on the front Lower wishbone
- 4/. The 2 x front lower wishbones have a flange on one side; the aluminium sleeve needs to be installed 1st then the bearing (**Picture 2**) can be installed with the tool provided so it sits central in the wishbone.
- 5/. Smear a small amount of Silicon grease provided on each of the 'O' ring seals and insert into the bearings.

Installing Sleeves into Rear Upper and Lower wishbones

The tolerances of the Lotus wishbone bearing carriers can vary by up to 0.10mm so a High Strength bearing adhesive such as Loctite 638 or 648 MUST be used

- 1/. Remove the original bushes from the wishbones with the removal tools and clean the inside of the bearing carrier thoroughly with solvent cleaner

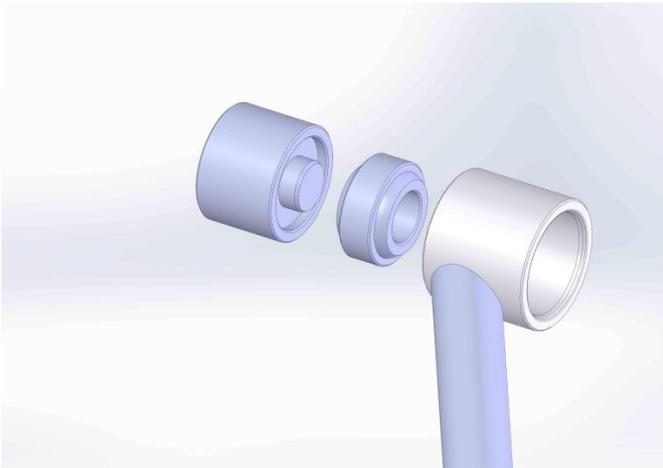
2/. Smear some bearing adhesive onto the bearing outer sleeve and on the inside of the **cleaned** wishbone bearing carrier

3/. Using the 2 x plastic protectors (**picture 3**) push the new bearing carriers into the wishbones using a press or strong vice (don't forget the adhesive).

4/. Install the conical spacers into the bearing sleeves making sure there is silicon grease on the O rings

5/. Install the stainless steel circlip (**picture 4**) provided onto the bearing carrier once installed and fully seated.

PICTURE 1



PICTURE 2



PICTURE 3

PICTURE 4

Please check the condition of the 'O' Rings and bearings periodically.

This can be done without removal of the bearings from the wishbone and spares can be obtained via the [EliseParts](http://EliseParts.com) website.

The upgrade is designed for Race use only and we advise install to be completed by professional technician.