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Renault Clio 172/182 front wishbone bearing kit and stiffening plate.

Kit Overview.

This kit is designed to replace the standard rubber wishbone bushes with a motorsport spec spherical bearing.

This will alleviate any play in the wishbone bushes and will reduce the dynamic change in front suspension geometry. It will improve the handling, precision and feel of your race, rally, sprint, hillclimb or any other competition Renaultsport Clio.

To fit, you simply remove the old bushes, weld the housings into the wishbone, press in the bearings and fit the spacers.

It will fit into the original subframe mounts and uses the original bolts.

The stiffening plate does exactly what it says on the tin! Simply weld this onto the original pressed steel wishbone and this will reduce the flex when the suspension is highly stressed.

Fitting.

Pure Motorsport accept no responsibility whatsoever for incorrect fitment of this kit. It is highly recommended that a competent and suitably trained vehicle mechanic fit this kit and have access to the correct tools.

These instructions are offered as a guide only and further information may be required in the form of a workshop manual.

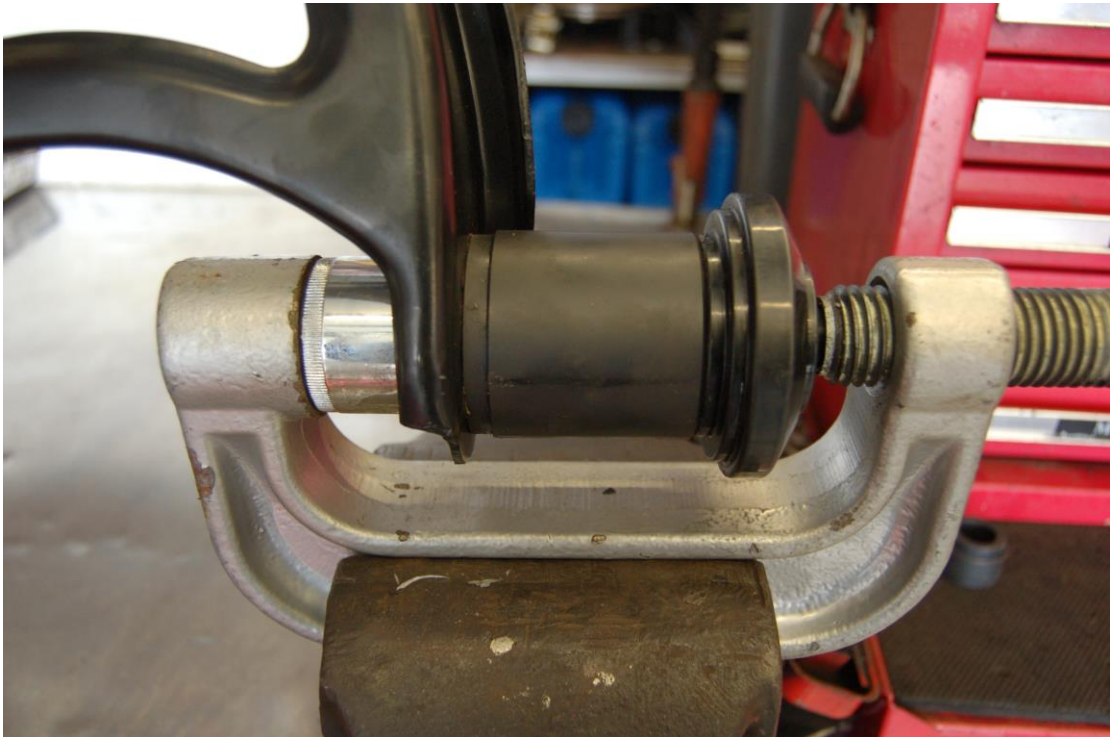
Jack up the vehicle, secure on axle stands and remove the front wheels.

Remove:

- The bottom ball joint pinch bolt and split the ball joint OR both ball joint mounting nuts
- The anti roll bar bracket on the wishbone
- The front wishbone bush nuts and supports
- Both wishbone bush bolts
- Both wishbones



Press out the bushes using a suitable tool.



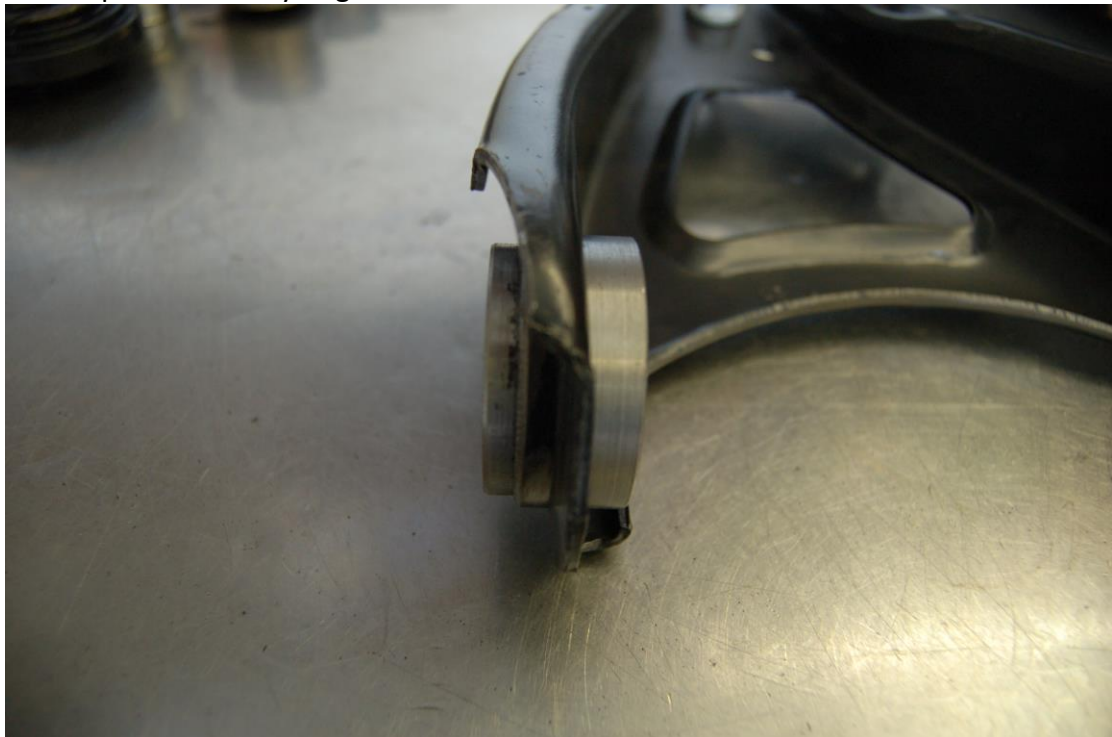
Remove the powder coating from around the outside of the bush holes.



The following paragraph is updated due to variations in the wishbone bush spacing:

Press in the front housing from the inside until it bottoms out on the shoulders and tack in place. Now either:

1. fit the other housing in place, fit up the bearings and spacers in both housings and trial fit in the subframe until the spacing is correct and tack the other housing in place, or:
2. measure from the outsides of both outer spacers and adjust the housing position until you get 238.50mm



Weld all around the housings (Please note: the housings are made so that they will shrink to the correct size after welding to give the bearings a light press fit)



Remove the powder coating from around the top of wishbone and rest the plate on the top using an 18mm socket on the ball joint bolt to locate the access holes properly.



Tack the plates in place and once happy with the fit weld every other 25mm section (these are marked to make it easy for you to see when welding)



Paint or powder coat the wishbones.

Clean the inside of the housings to remove any paint or weld spatter (go easy - you do not want to remove any metal)

Press in the bearings and fit the circlips. Push a spacer into each side of the bearing.

Refit the wishbones using new nyloc nuts.

Check and adjust front wheel alignment as necessary.

If you get stuck please ring for help and advice.

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