



PART NUMBER

PF41K-1001

DESCRIPTION

**MCLAREN FRONT/REAR WISHBONE
BUSH KIT FITTING INSTRUCTIONS**



CONTENTS (Parts Per Pack):

**6x PF41-101 Bush Assembly
2 x PF41-104 Bush Assembly**

Please read the complete fitting instructions and check package contents before fitment.
These fitting instructions are to be used as a guide only and in conjunction with a workshop manual.

It is recommended that:

- All work is carried out by a licensed technician.
- All safety precautions are followed and adhered to.
- Wheel alignment to be checked and adjusted as required after any suspension work.
- All fasteners must be tensioned to the manufacturer's torque settings.



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PREPARATION

- 1.1. Carefully remove the wishbone arms from the vehicle, retaining any hardware.
- 1.2. On some arms, the bush mounts with the larger adaptor facing towards the chassis. On others, the bush mounts with the larger adaptor facing away from the chassis. It is strongly recommended that photos be taken of the arms with the OE bushes fitted, before and after removal, for reference.

Fig.1



- 1.3. Before removing any bushes, identify and mark which arms the **PF41-104** bush will fit and at which location. These are: the **Front Upper Arm Leading Bush** and the **Rear Upper Arm Trailing Bush**.

Fig.2



- 1.4. Removal and installation should be completed using our **41K-1001FT Wishbone Fitting Tool**; if not used, you may damage the bushes or impair their performance.

Fig.3



- 2.1.** Remove the existing bushes using the thick 41-101RT arm support. Place the larger side of the bush inside the bore of the removal tool (See Fig.4).

Fig.4



- 2.2.** Using a press, push down on the bush, and it will compress and push the OE bush out of the arm.

FITTING THE BUSHES

FOR THE ARMS CONTAINING PF41-101 ONLY (Front Upper, Rear Upper)

- 3.1.** Position the **PF41-101** bush in the arm with the correct orientation, as shown in Fig.5 (See bush orientation diagrams on the back pages to ensure correct installation). This is with the larger adaptor sat on the outside of the arm.
- 3.2.** Place the **41K-101FT-A** fitting tool over the top of the bush.
- 3.3.** Set the arm onto the press (See Fig.5). Use **41K-101RT** for clearance.
- 3.4.** Use the fitting tool to press the bush assembly into place.
- 3.5.** Repeat Steps 3.1 to 3.4 for all wishbones that only contain bush **PF41-101**.

Fig.5



FOR THE ARMS CONTAINING PF41-101 AND PF41-104 (Front Upper, Rear Upper)

- 4.1.** Locate the mounting point for the **PF41-104** bush. This bush must be fitted first to allow installation of the opposing **PF41-101** bush.
- 4.2.** Remove the partially inserted retaining screw from the **PF41-104** bush. Remove the shaft, shaft head, and washers, leaving only the polyurethane, outer shell, and bearing assembly (see Fig.6).

Fig.6



- 4.3.** Press the **PF41-104** bush assembly from Step 4.2 into the arm using the **41-101FT-B** tool from Kit **41K-1001FT**, mounted on top of the **41K-1001FT-A**, with a suitable extension bar (See Fig.7).

Fig.7



Important: Press from the inside of the arm toward the outside (See bush orientation diagrams on the back pages to ensure correct installation).

- 4.4.** Rotate the arm 180°. Press a complete **PF41-101** bush into the remaining bore of the wishbone. Use the **41-1001-FT-C** PU piece from the **41K-1001FT** kit to protect the bearing, then repeat Step 4.3 using the complete **PF41-101** bush.

- 4.5.** Place the thin washer onto the stainless-steel sleeve of the **PF41-104** assembly. Apply some of the supplied grease to the bore and mounting faces of the bush. Then insert the assembly into the arm from the outside (See Fig.8) (See bush orientation diagrams on the back pages to ensure correct installation).

Fig.8



- 4.6.** Place the thicker washer onto the larger adaptor head and align the key feature with the keyway on the shaft. Press the components together. Ensure all components are pressed firmly together before proceeding. If hand force is insufficient, apply light taps with a soft mallet.
- 4.7.** Insert the retaining screw into the threaded hole and tighten to **41 Nm**. Screws are supplied with a pre-applied thread locker. If the yellow patch is missing or damaged, apply an appropriate thread locker before tightening (the assembly should not allow lateral movement and must not move side-to-side).

REFITTING TO VEHICLE

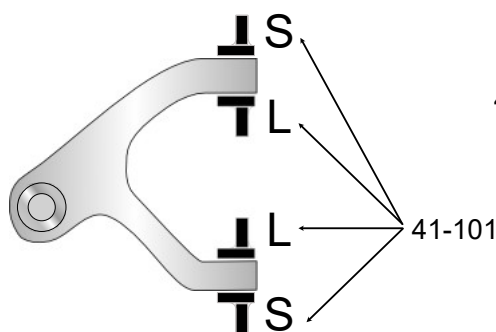
REFITTING TO VEHICLE

- 5.** Once all bushes have been fitted to the wishbones, offer the arms up to the vehicle and refit them using OEM bolts and torqued to the manufacturer's settings.

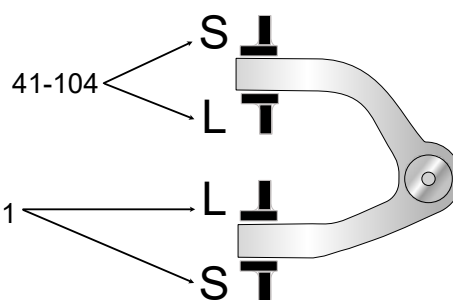
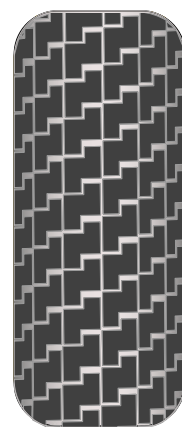


720S / 765LT WISHBONE BUSH ORIENTATION GUIDE

FRONT LOWER ARM

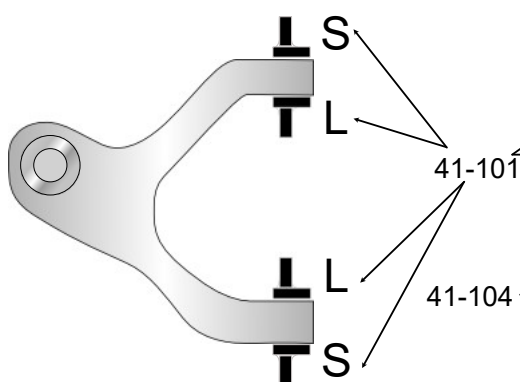
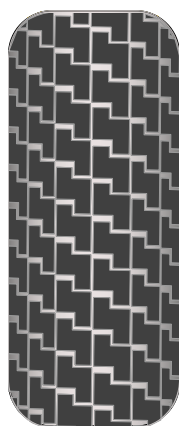


FRONT UPPER ARM

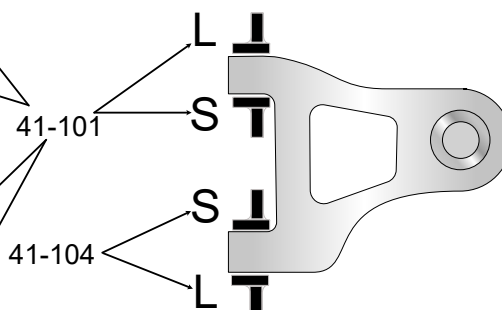


- 41-101 Larger Side (L)
- 41-101 Smaller Side (S)
- 41-104 Larger Side (L)
- 41-104 Smaller Side (S)

REAR LOWER ARM



REAR UPPER ARM

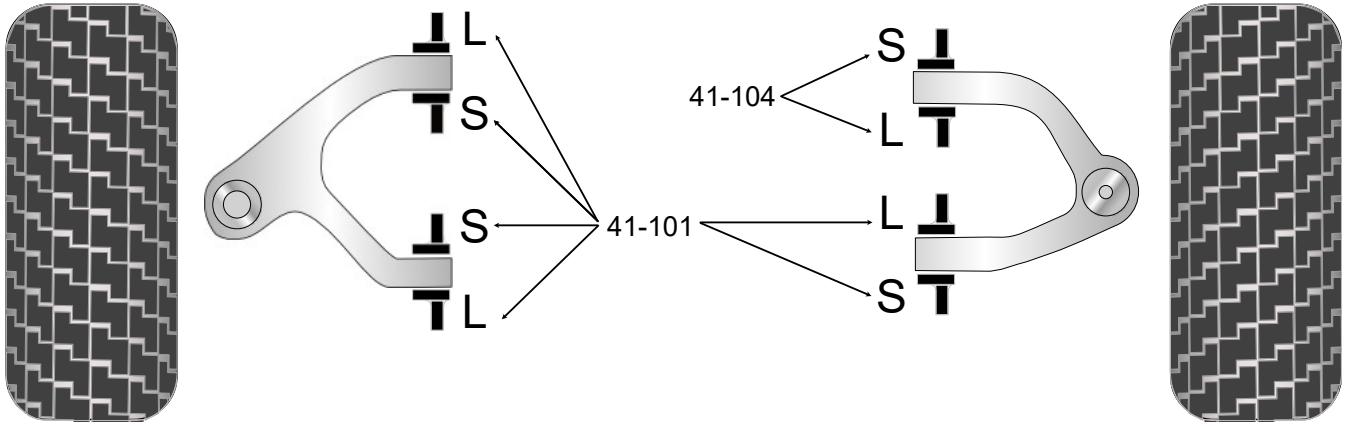




MP4-12C / 650S / 675LT / 540C / 570S / 570GT / 600LT WISHBONE BUSH ORIENTATION GUIDE

FRONT LOWER ARM

FRONT UPPER ARM



- 41-101 Larger Side (L)
- 41-101 Smaller Side (S)
- 41-104 Larger Side (L)
- 41-104 Smaller Side (S)

REAR LOWER ARM

REAR UPPER ARM

