

## Thank You Letter

Many thanks for purchasing this Powerflex Handling Package.

This selection of parts has been put together to give you the perfect combination of value versus performance and based on years of experience, we have selected what we feel are the products that are going to give you the best handling improvements for your vehicle whilst being mindful of cost.

Your Powerflex Handling Package can be fitted to refresh the suspension feel of your vehicle or can be a great accompaniment to other suspension upgrades when preparing a vehicle for track driving.

Below is a listing of the parts included in this kit,

PFF85-1301G - FRONT ARM FRONT BUSH, CAMBER ADJUSTABLE X 2

PFF85-1302G - FRONT ARM REAR BUSH, CAMBER ADJUSTABLE X 2

PFR85-1310G - REAR ARM OUTER BUSH, ADJUSTABLE X 2

PFR85-1311G - REAR ARM INNER BUSH, ADJUSTABLE X 2

We hope you enjoy the difference Powerflex suspension bushes make to your vehicle.



# POWERFLEX®

## PART NUMBER

# PFF85-1301G

## DESCRIPTION

### FRONT ARM FRONT BUSH, CAMBER ADJUSTABLE

## INSTALLATION GUIDE

### Product Description

Allows on-car adjustment of camber. Gives +/- 0.75 degrees

### Contents (parts per pack):

2 x Polyurethane Bushes      1 x PTFE/Silicone Grease  
2 x Stainless Steel Sleeves    2 x Nylon Washers  
1 x C- Spanner

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

*It is recommended that:*

- all work to be carried out by a licensed technician;*
- all safety precautions adhered to;*
- wheel alignment to be checked and adjusted as required after any suspension work.*
- All fasteners must be tensioned to manufacturer's torque settings.*

### Fitting Instructions:

1. Press the original bush out of the arm, removing any dirt and rust from the bore.
2. Push the bush in from the inside of the arm until its shoulder fits flush to the arm. Apply the supplied grease to the bore of the bush.
3. Slide the washer onto the adjustable sleeve, applying some grease to both faces of the washer and end face of the bush.
4. Push the sleeve into the bush from the outside of the arm until flush with the washer and bush face.
5. Refit arm to car and tension all hardware to manufacturers recommended torque settings.
6. Drive the car to settle the suspension and re-adjust the geometry if required.

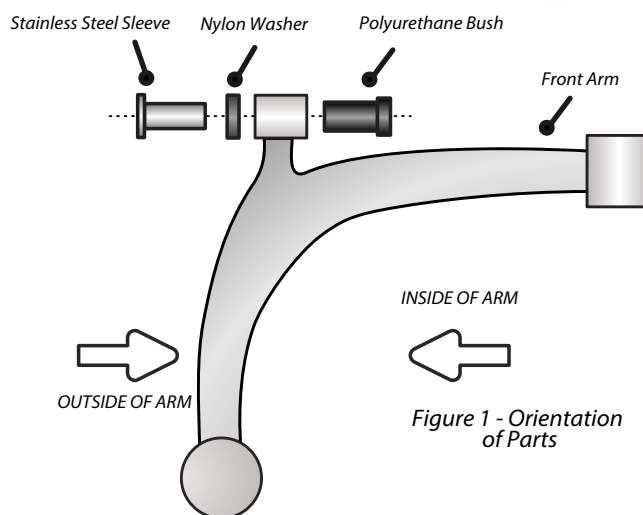


Figure 1 - Orientation of Parts



Figure 2 - Adjusting the Geometry

# POWERFLEX®

## PART NUMBER

# PFF85-1302G

## DESCRIPTION

### FRONT ARM REAR BUSH, CASTER ADJUSTABLE

## INSTALLATION GUIDE

### Product Description

Allows on car adjustment of caster. Gives +/- 0.6 degrees.

### Contents (parts per pack):

2 x Polyurethane Bushes	1 x PTFE/Silicone Grease
2 x Delrin Washers	2 x Stainless Steel Sleeves
1 x Spanner	2 x Steel Washers

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

It is recommended that:

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

### Fitting Instructions:

1. Press the original bush out of the arm, removing any dirt and rust from the bore.
2. Push the bush in from the outside of the arm until its shoulder fits flush to the arm. Apply the supplied grease to the bore of the bush.
3. Slide the steel washer onto the adjustable sleeve, applying some grease to both faces of the washer and end face of the bush.
4. Push the sleeve into the bush from the outside of the arm until flush with the washer and bush face.
5. Fit delrin washer onto end of sleeve. Apply grease onto end faces beforehand.
6. Refit arm to car and tension all hardware to manufacturers recommended torque settings.
7. Drive the car to settle the suspension and re-adjust the geometry if required.

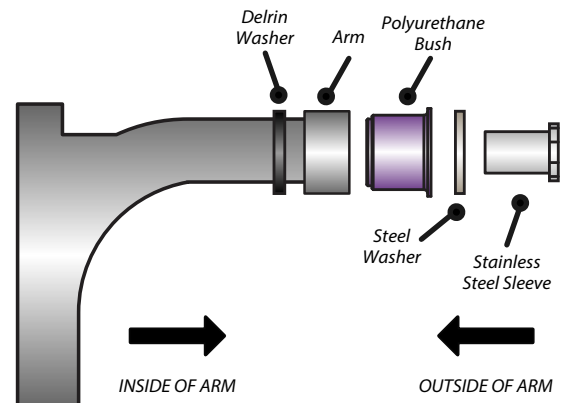


Figure 1 - Orientation of Parts



Figure 2 - Fitted

# POWERFLEX®

## PART NUMBER

# PFR85-1310G

## DESCRIPTION

## REAR ARM OUTER BUSH, ADJUSTABLE

## INSTALLATION GUIDE

### Product Description

Allows on-car adjustment of camber. Gives +/- 0.5 degrees

### Contents (parts per pack):

2 x Polyurethane A Bushes    2 x Stainless Steel Sleeves    1 x PTFE/Silicone Grease  
2 x Polyurethane B Bushes    2 x Delrin Washers    1 x C Spanner

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

*It is recommended that:*

- all work to be carried out by a licensed technician;*
- all safety precautions adhered to;*
- wheel alignment to be checked and adjusted as required after any suspension work.*
- All fasteners must be tensioned to manufacturer's torque settings.*



### Fitting Instructions:

1. Remove original bush from the arm, clean any dirt and rust from bore in arm.
2. Push in the A bush from the outside of the arm, push in the B bush in from the inside of the arm. Apply some of the supplied grease to the bore of the bush.
3. Apply some of the supplied grease to both faces of the washer, slide the washer onto the sleeve.
4. Push the sleeve into the bush from outside of the arm, the adjusting head of both bushes on the arm will be on the outside faces.
5. Refit to the car, carry out alignment check, adjust to set desired geometry.
6. Drive the car to settle the suspension and adjust the geometry to required setting.

Polyurethane  
A Bush  
**Outside**

Polyurethane  
B Bush  
**Inside**



Figure 1

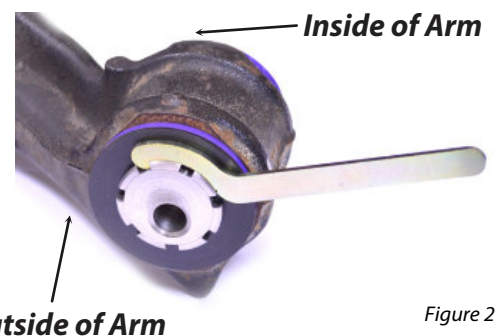


Figure 2



Figure 3



PART NUMBER

**PFR85-1311G**

DESCRIPTION

**REAR ARM INNER BUSH, ADJUSTABLE**

### INSTALLATION GUIDE

#### Product Description

Allows on-car adjustment of camber. Gives +/- 0.5 degrees

#### Contents (parts per pack):

1 x Polyurethane A Bush (Left)    1 x Polyurethane A Bush (Right)  
1 x Polyurethane B Bush (Left)    1 x Polyurethane B Bush (Right)  
2 x Stainless Steel Sleeves    1 x PTFE/Silicone Grease    1 x C Spanner

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

*It is recommended that:*

- all work to be carried out by a licensed technician;*
- all safety precautions adhered to;*
- wheel alignment to be checked and adjusted as required after any suspension work.*
- All fasteners must be tensioned to manufacturer's torque settings.*

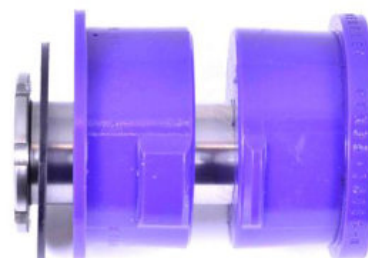
#### Fitting Instructions:

1. Remove original bush from the arm, clean any dirt and rust from bore in arm.
2. Align the location pips on the bush with the bore on the inside of the arm.
3. Push in the A bush from the outside of the arm, push in the B bush in from the inside of the arm (see figure 2). Apply some supplied grease to the bore of the bush. Note: left A and B bushes are to be fitted to the left side of the car as a set
4. Apply some of the supplied grease to both faces of the washer, slide the washer onto the sleeve.
5. Push the sleeve into the bush from outside of the arm, the adjusting head of both bushes on the arm will be on the outside faces.
6. Refit to the car, carry out alignment check, adjust to set desired geometry



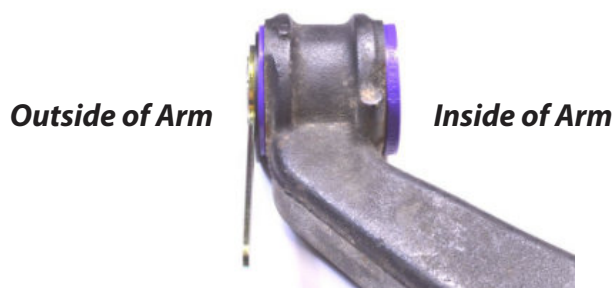
Polyurethane A Bush

Polyurethane B Bush



Delrin Washer

Figure 1



Outside of Arm

Inside of Arm

Figure 2



Figure 3