

POWERFLEX®

PART NUMBER

PFR5-417

DESCRIPTION

REAR LOWER SHOCK MOUNTING BUSH & BRACKET

INSTALLATION GUIDE

Contents (parts per pack):

4 x Polyurethane Bushes	2 x Stainless Steel Sleeves
2 x Aluminium Bush Bracket	4 x M10x1.5x25 Flanged Bolts
2 x Zinc Plated Washers	2 x Stainless 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. Raise the rear of the vehicle and securely support it on jack stands or use a vehicle lift.
2. Remove the rear wheels, ideally using **Powerflex Wheel Mounting Pins**.
3. Support the rear control arm using a jack or transmission stand. Apply slight upward pressure - just enough to hold it in position.
4. Remove the 17mm lower shock nut. These can be tight; use a breaker bar if necessary.
5. Remove the two bolts securing the mount to the control arm using an E12 socket.
6. Carefully lower the control arm to create enough clearance to separate the shock from the mount.
 - Penetrating lubricant and light tapping with a hammer may be required.

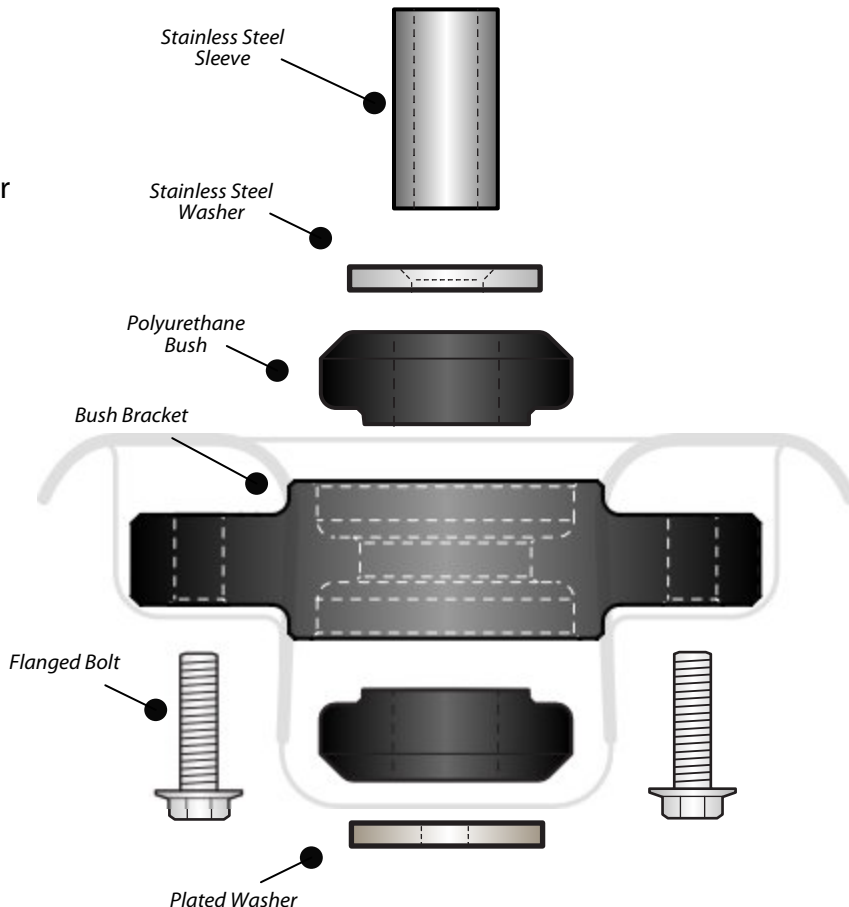


Figure 1

INSTALLATION GUIDE

1. Compress the shock slightly to gain enough clearance to remove the mount from the control arm.
2. Install the **Powerflex** mount with bushes pre-installed. Ensure the text is correctly oriented and facing the wheel.
 - Secure using the supplied M10x25 (15mm head) flanged bolts.
 - Insert bolts by hand first to avoid cross-threading.
 - Torque to **60 Nm (44 ft-lb)**.
1. Apply the supplied PTFE/silicone grease to the bore of the bushes, then insert the stainless-steel sleeve.
10. Fit the machined stainless-steel washer (tapered bore facing upwards) onto the top of the bush. Guide the threaded shock pin through the washer and sleeve while raising the control arm into position.
11. Install the plated-steel washer onto the threaded shock pin and secure using the original nut.
 - Torque to **60 Nm (44 ft-lb)**.
12. Remove the jack or transmission stand and refit the wheels.
13. Lower the vehicle and torque the wheel bolts to the manufacturer's specified settings.



Figure 2