POWERFLEX®

INSTALLATION GUIDE

Contents (parts per pack):

1 x Assembled Engine Mount   1 x PTFE/Silicone Grease

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. Safely lift the front end of the vehicle and support it on axle stands or a shop-lift.

Note: Powerflex recommends using PF5-4660 Jack Pad Adaptor for safely lifting the Mini R50/R52/R53

2. Using a 16mm socket and breaker bar, loosen (but do not remove) the vertical bolt through the large end of the torque mount, and the horizontal bolt through the short end. Penetrating fluid may be needed. (Figure 1)

3. Using a 13mm spanner or socket, loosen and remove the 4 bolts holding the bracket to the sump. (Figure 2)

4. Using a 16mm spanner or socket, remove the bolt through the small end of the mount. Then remove the sump-bracket. (Figure 3)

5. Using a 16mm socket or spanner, remove the bolt through the large end. Then remove the mount from the car.

6. Generously apply the supplied grease to the faces of both bushes on the PFF5-125 mount.

7. Place the Powerflex mount into it's location on the car, and hand-thread the long M12 bolt to hold it in place. (Figure 4)

8. Replace the sump-bracket and the four 13mm bolts.

9. Thread the shorter M12 bolt through the bracket. The engine may need to be moved slightly to allow alignment

10. Torque all bolts to the manufacturer's specification. 100nm for the Engine Mount bolts, and 38nm for the sump-bracket bolts)

11. Lower the car and test-drive. Re-check the bolts' tightness after around 50 miles of driving.
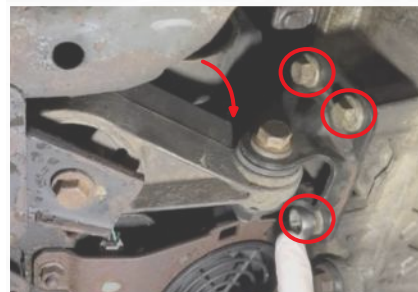

Figure 1:

Figure 2:

Figure 3:

Figure 4: