



# Installation Guide

## 5 SPEED GEARBOX BUSHINGS

PAGE 1

(Always refer to the current catalogue for complete application listings)

**N.B:** This installation guide should be used in conjunction with the workshop manual.

### **Tools Required:**

1. 12mm Socket.
2. 17mm Socket.
3. 17mm Socket.
4. Socket extension bar (Approx 6" length minimum)
5. Ratchet.
6. 12mm Ring Spanner.
7. 14mm Ring Spanner.
8. Flat bladed screwdriver.
9. Tension wrench.
10. Jack / Lift.
11. Jack Stands / Transmission Stand.

### **Notes:**

Please be aware the images shown in this installation guide are there to assist in the installation of the bushings some differences will be found in the installation process due to the varying Subaru models the bushings will fit.

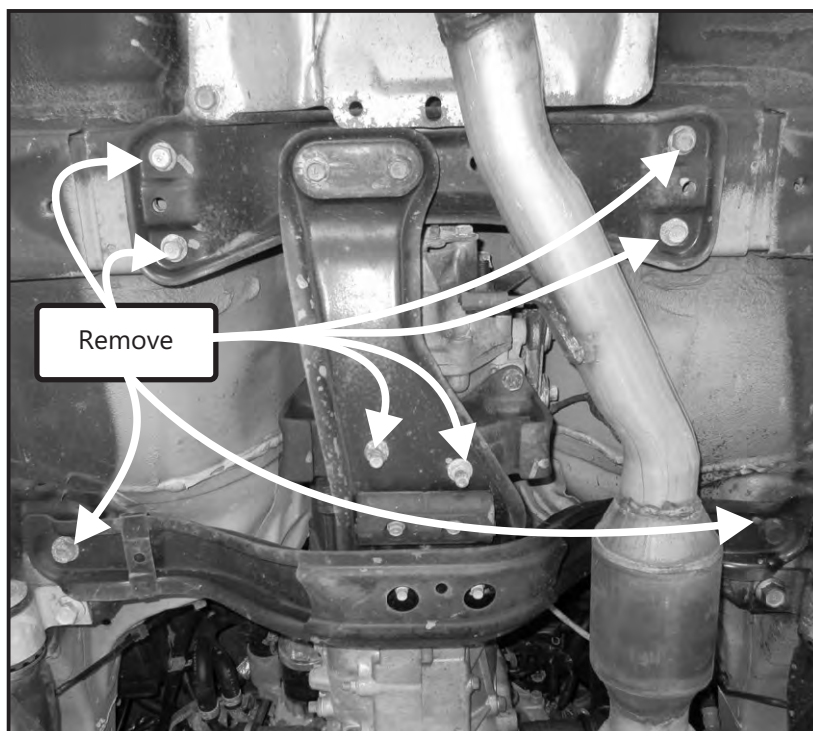
Illustrated shows the 2004 model Subaru Impreza

### **Removal Procedure:**

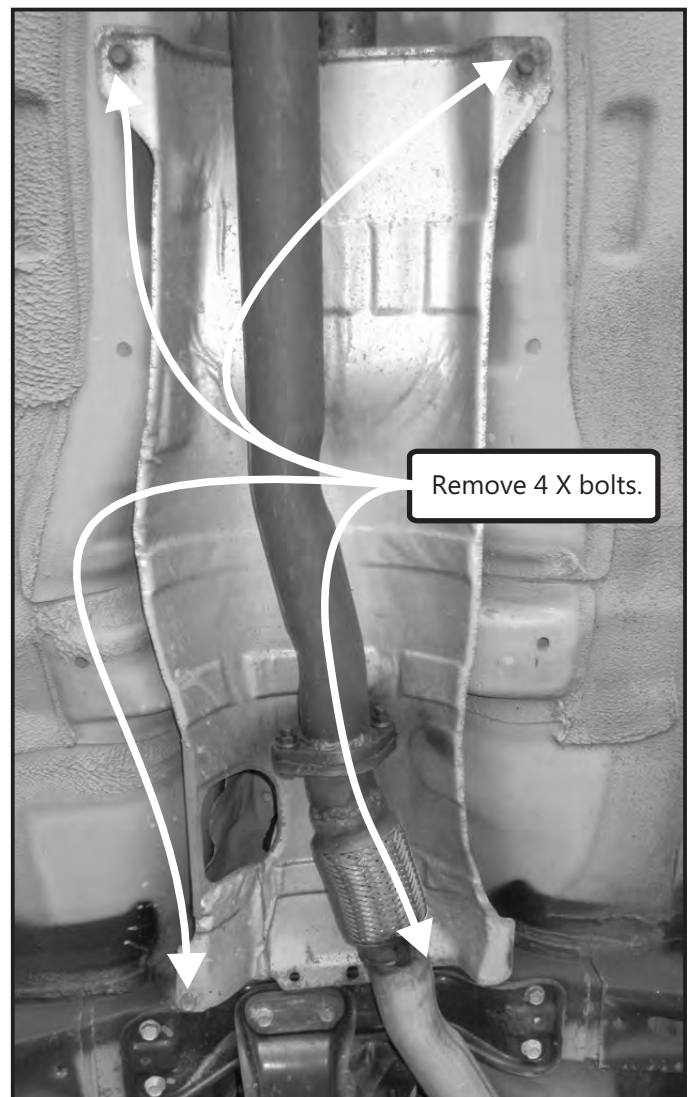
1. Raise the vehicle and support on suitable chassis stands to allow sufficient access to the transmission mounts.
2. For vehicles that are fitted remove any plastic cover under trays that may impede the removal of any of the components mentioned below.
3. Remove the 4 x heat shield 12mm bolts as shown in (Fig 1).
4. Using a 14 & 17 mm socket, extension bar and ratchet remove the 14 & 17 mm hex head cross member bolts as shown in (Fig 2).

Continued

**Figure 2**



**Figure 1**





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### Continuation

**Figure 3**



**Figure 4**



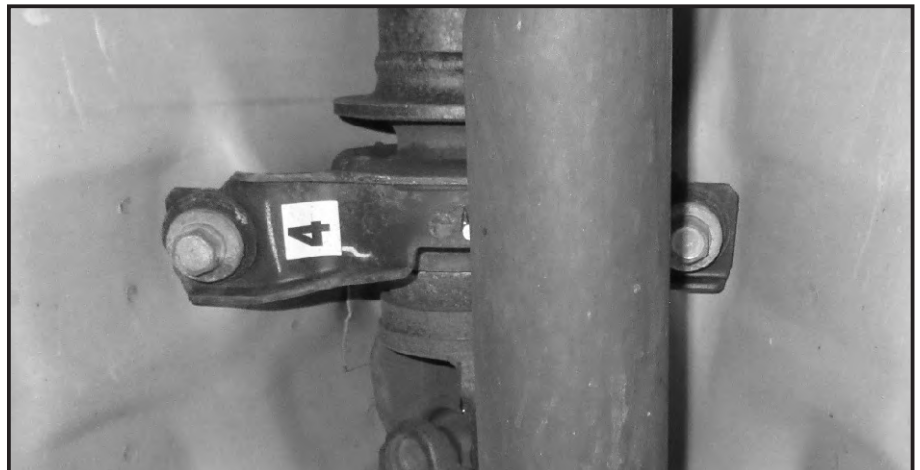
**Figure 5**



**Figure 6**



**Figure 7**



5. Remove the Gear shifter 12 mm nut as shown in (Fig 3).
6. Using a 12mm hex head socket, loosen the rear shifter mounting bushing bolts as shown in (Fig 4).
7. Remove the shifter assembly off the gearbox mounting stud as shown in (Fig 5).
8. Using a suitable lever bar, pry out the OEM rubber bushing from the shifter eyelet.
9. Remove the prop shaft centre bearing 14mm hex head bolts to improve access to the rear shifter block.

Continued



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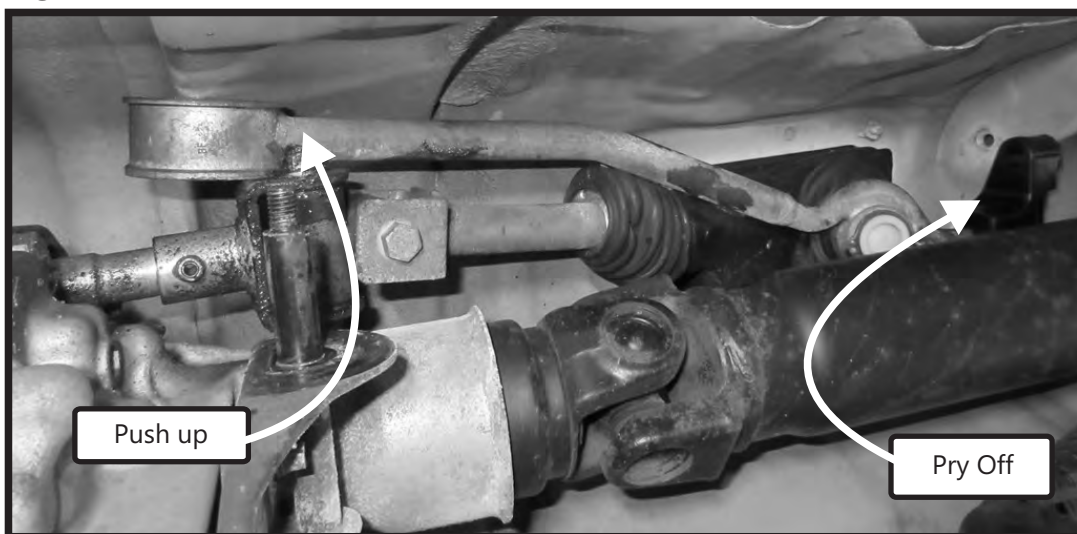
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### Continuation

**Figure 8**



11. Push the gearshift lever arm up over the top shifter mechanism which will allow enough access to pry the rear shifter block off the end of the shaft. (Fig 8).

12. Lubricate the gearshift shaft with the supplied grease to aid in the installation process of the 68729 shifter block.

13. Using the supplied 19mm long tubes and M8 hex head bolts install the bracket first to the shifter mechanism shaft as shown in (Fig 9) then install the supplied tubes and bolts.

Torque to manufacturers torque specifications.

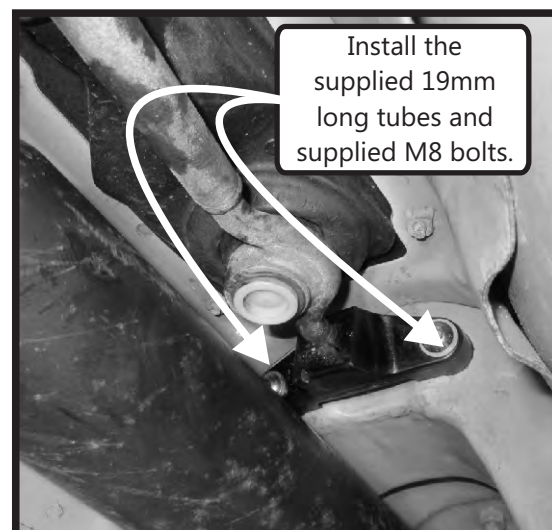
14. Using the supplied 68731 bushings and the 38mm long tube, lubricate the bushing bore and faces as shown in (Fig 10)

Install back onto the shifter shaft, re-install the outer washer, 12mm hex nut and torque to manufactures specifications

15. Re-fit all components removed in the reverse order.

16. Re-check and Re-torque all bolts after 60 Miles or 100Kms.

**Figure 9**



**Figure 10**

