

INSTALL TIME: 30 mins to 1 hour

DIFFICULTY LEVEL: 2

TOOLS NEEDED: flat head screwdriver
socket driver
10 mm socket
14 mm socket



1. Start by removing the (7) plastic retaining clips on the plastic cowl. Use a small screw driver or trim removal tool to pop the center clip and then remove.

When all clips are removed, remove the plastic cowl. (Fig 1)

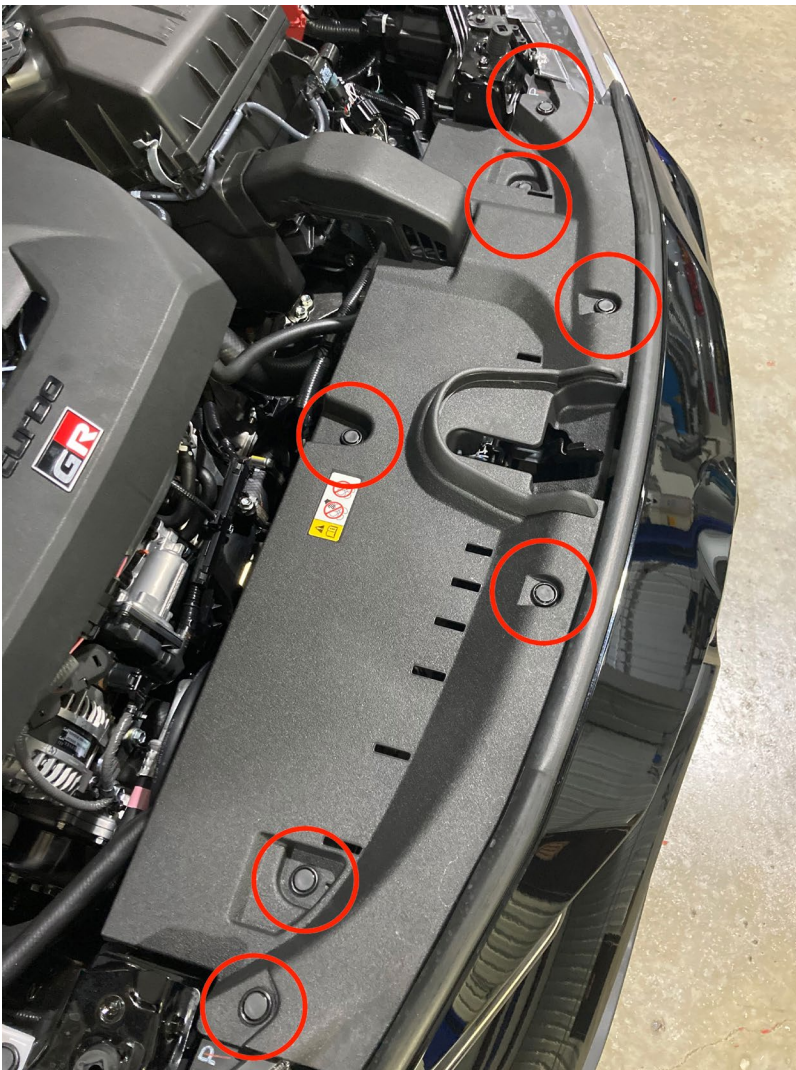


Figure 1

2. Loosen air box clamp using 10 mm socket. Unplug the MAF connector and remove the wire routing tab from air box. (Fig 2)

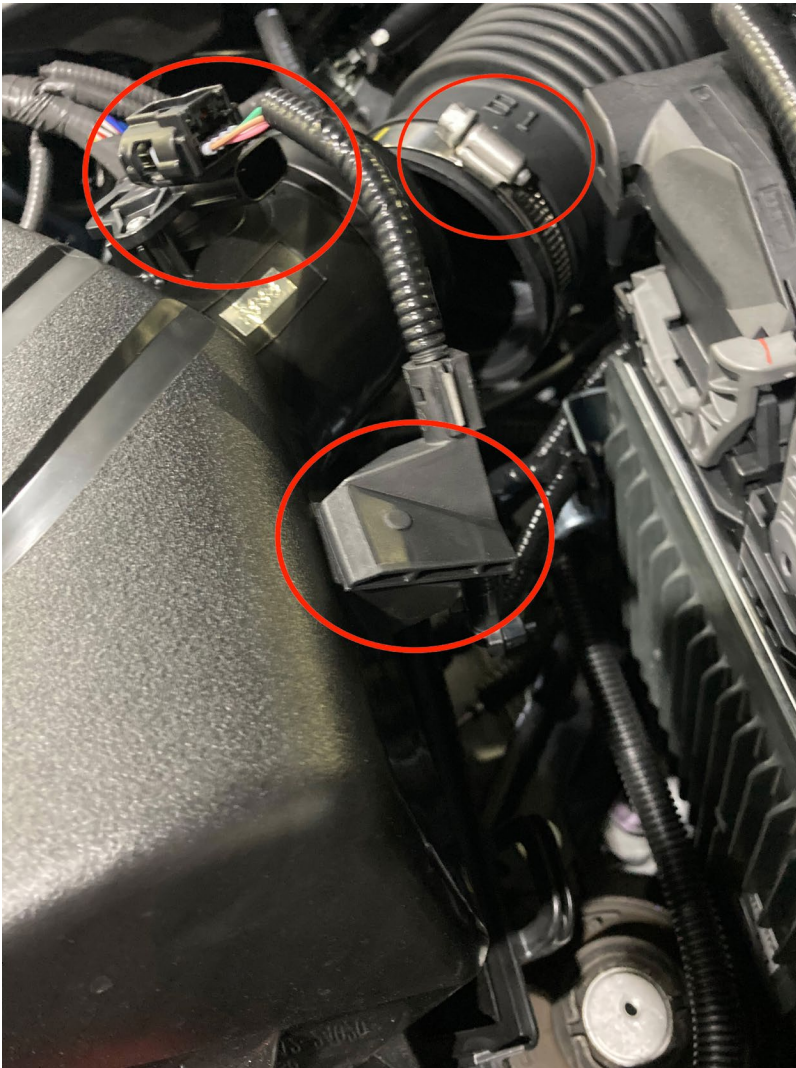


Figure 2

3. Remove (2) more plastic clips and remove the plastic air duct that routes to the OEM air box. Unplug small hose (only 1) and remove from air box routing tabs. (Fig 3)

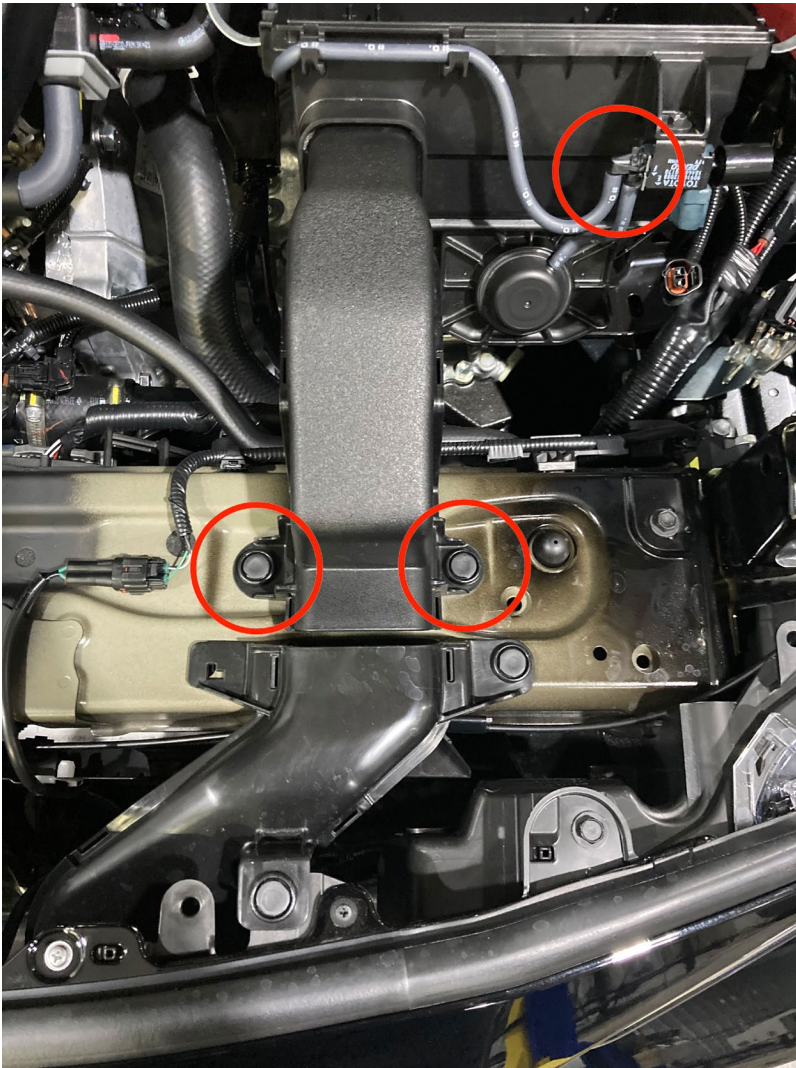


Figure 3

4. Remove upper portion of OEM air box and filter. Remove final wire routing clip on side of air box. (Fig 4)



Figure 4

5. Remove lower portion of OEM air box by lifting up. It is held in by 3 mounting points. Remove (2) retaining clips on the shifter cable bushings and the washers below them. Finally, lift off shifter cables. (Fig 5)



Figure 5

6. Remove the lateral shifter cable head from the OEM lateral shift linkage and move to the side. Then, using a 14 mm socket and driver, loosen but do not remove the (2) 14 mm bolts. (Fig 6)



Figure 6

7. Hold the OEM linkage while removing the (2) 14 mm bolts by hand, then carefully remove the OEM lateral linkage. Be sure to remove the OEM black retainer, this can stay in the transmission linkage from the grease. (Fig 7 & 8)

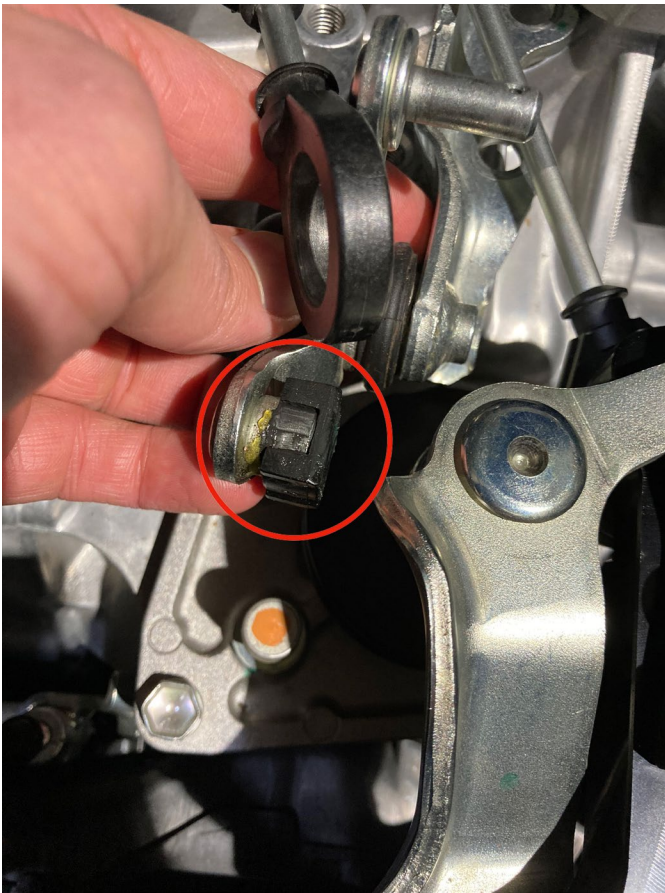


Figure 7



Figure 8

8. Prepare the Racer X lateral shift linkage for installation. Apply grease to the needle bearing and the mounting post. (Fig 9 & 10)

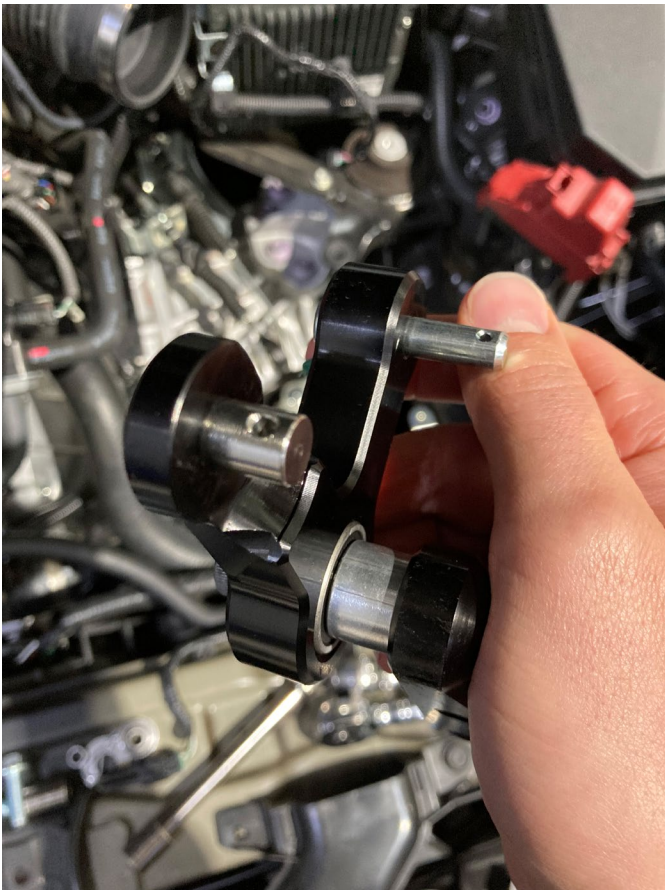


Figure 9



Figure 10

9. Remove the black polymer bushing from the OEM linkage and install it over the Racer X needle bearing as pictured. (Fig 11 & 12)

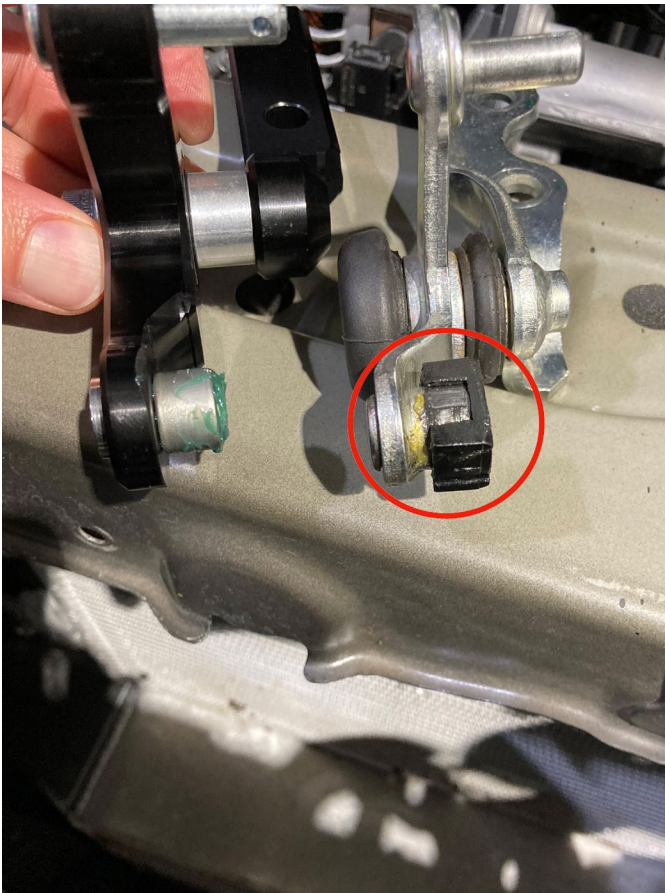


Figure 11



Figure 12

10. For reference the black polymer bushing will ride in the slot shown in Fig 13. Make sure the orientation of the bushing keys into this slot. (Fig 13)



Figure 13

11. Slide the Racer X lateral shifter linkage into position and tighten the (2) supplied bolts by hand. Apply light pressure to the side of the linkage assembly, and tighten the bolts with a 14 mm socket and driver. (Fig 14, Fig 15 & Fig 16)

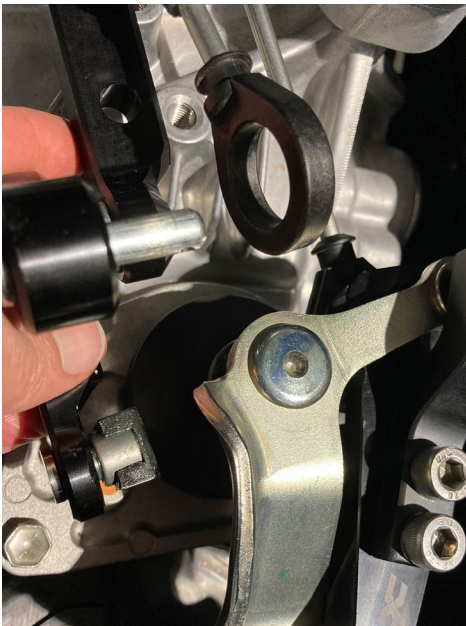


Figure 14



Figure 15



Figure 16

12. Re-install the lateral shifter cable head. **If you have trouble installing the cotter key, see the tip slide.** Let's check clearances on the cable head: lift up on the weight and move the shifter assembly to the right. This step ensures there is proper clearance between a short throw shifter and the Racer X Lateral shift linkage. If the cable head touches the lateral shifter linkage please contact us, this picture shows the Racer X short throw shifter clearance. (Fig 17, Fig 18 & Fig 19)



Figure 17



Figure 18

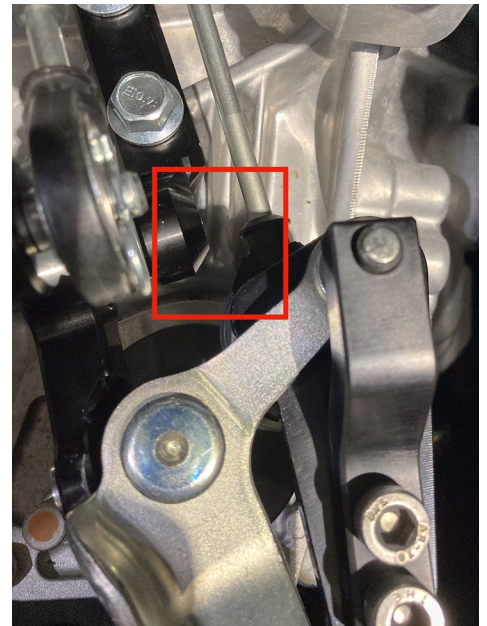


Figure 19

13. Installation is complete. Please sit in the car, push the clutch in and shift through all of the gears. (Fig 20 & Fig 21)



Figure 20

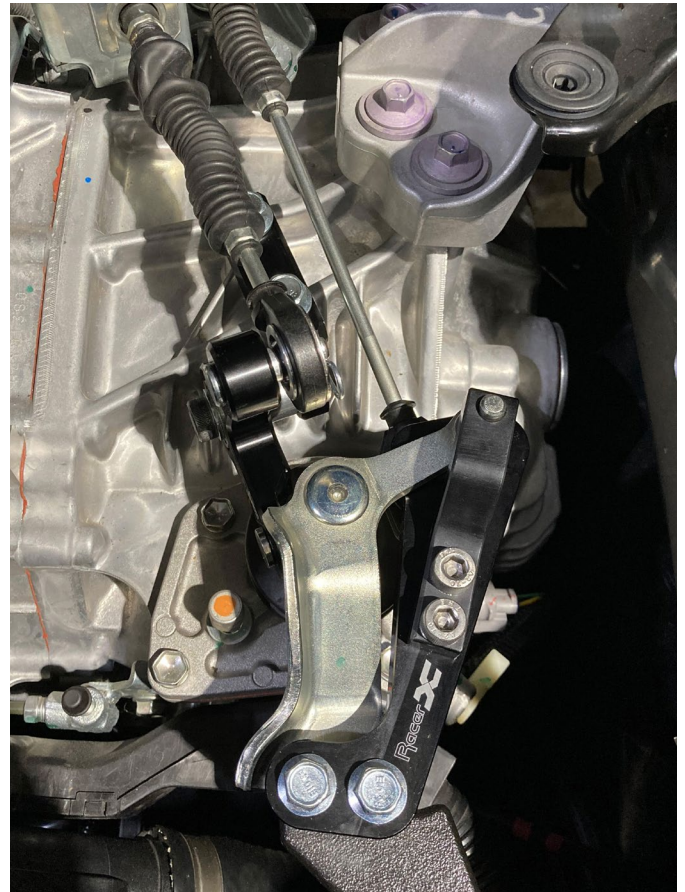


Figure 21

TIP: We design this to be a close fit, so if you find that the cotter pin from the Racer X shifter cable bushings is not fitting, insert the pin and use a small flat head screw driver or pick to guide the cotter pin over the washer. Alternatively, you can also use the OEM clevis pin as they are slightly smaller. (Fig 22 & Fig 23)



Figure 22



Figure 23