

REVISION B - 02-28-2026

Our latest production revision includes several refinements:

- Dual O-rings added to each bushing for improved tolerance control
- Custom springs replace aluminum spacers to accommodate tolerance stack-up
- Die-formed washers capture the cable head and help reduce debris intrusion

INSTALL TIME: 30 mins to 1 hour

DIFFICULTY LEVEL: 2

TOOLS NEEDED: flat head screwdriver
small needle-nose pliers
socket driver
10 mm socket
trim removal tool (optional)



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)

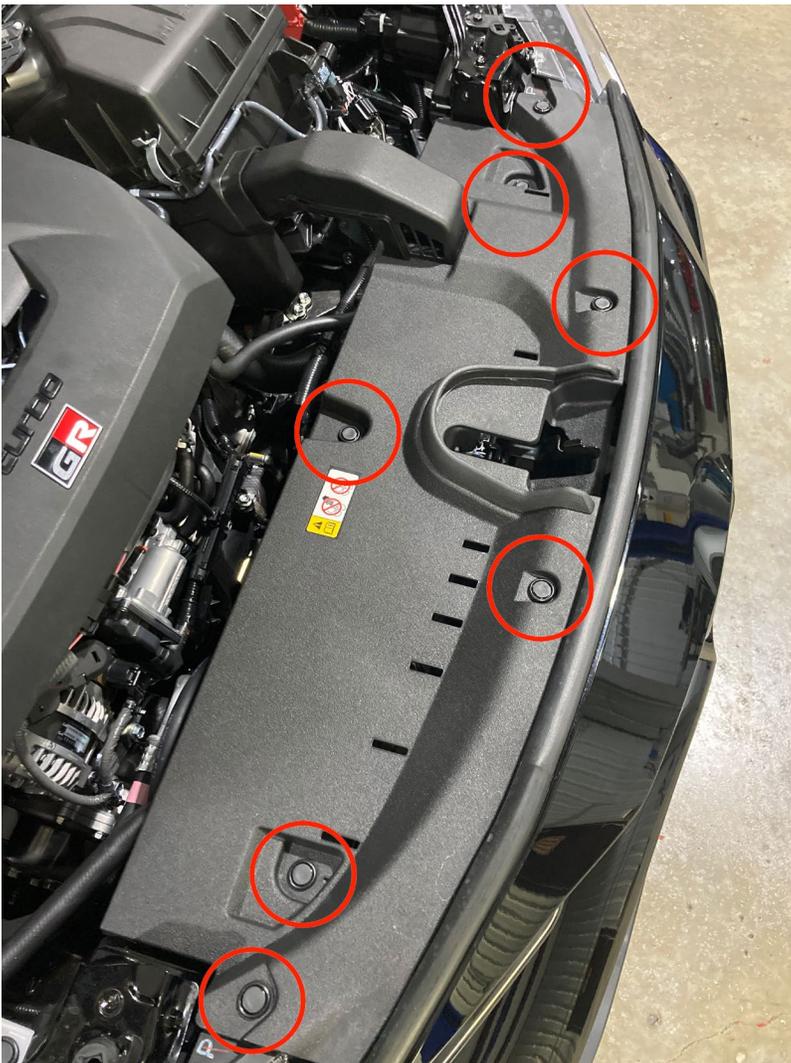


Figure 1

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

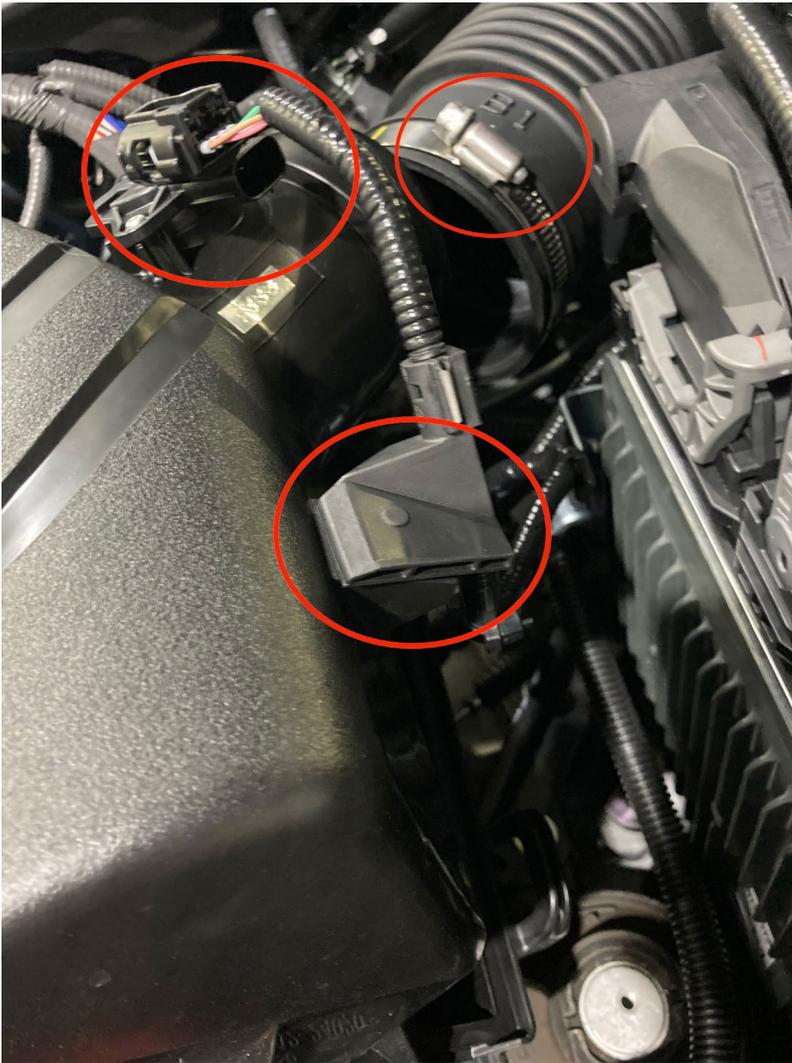


Figure 2

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)

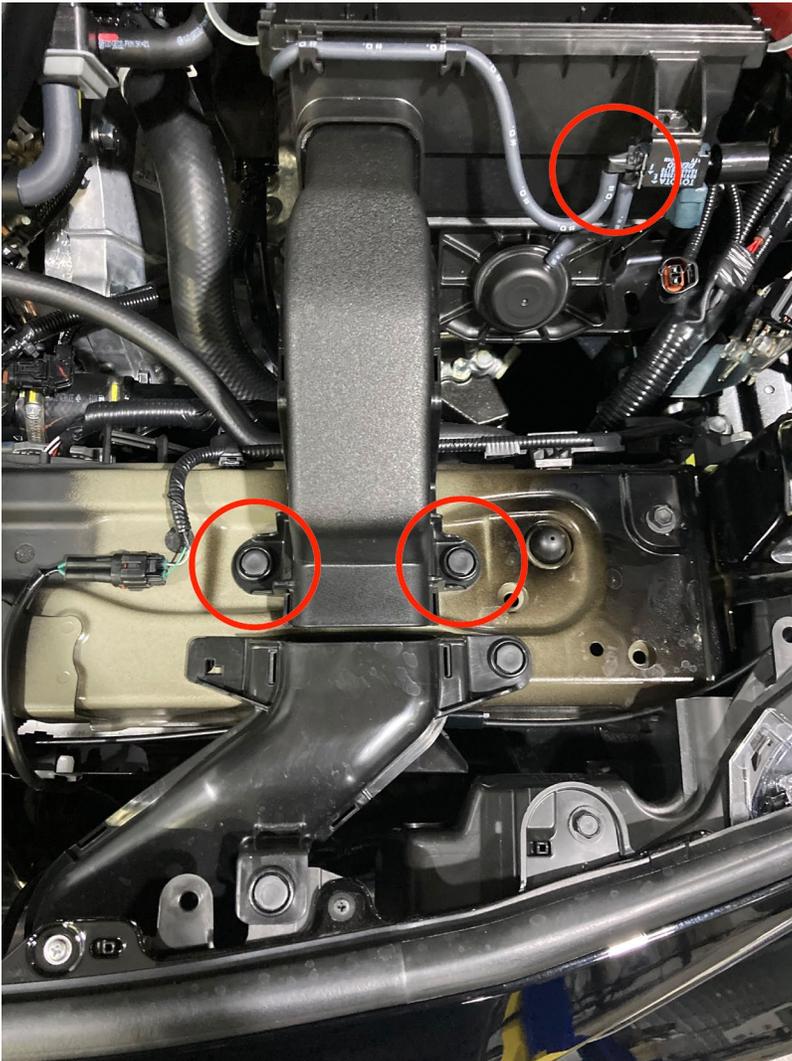


Figure 3

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)

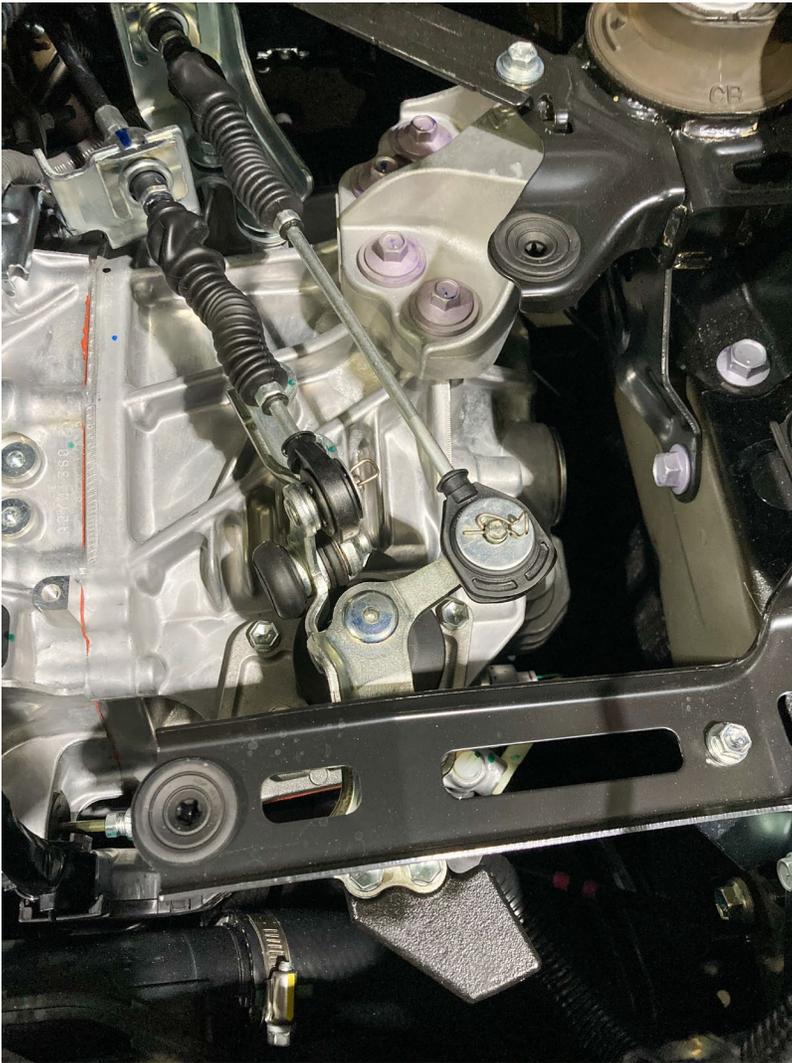


Figure 5

6. Remove the OEM rubber bushings inside plastic retainers (for both cables). This can be done by pushing on the center and working the rubber out of the plastic housing. (Fig 6)

Cables shown with OEM rubber bushings removed. (Fig 7)



Figure 6

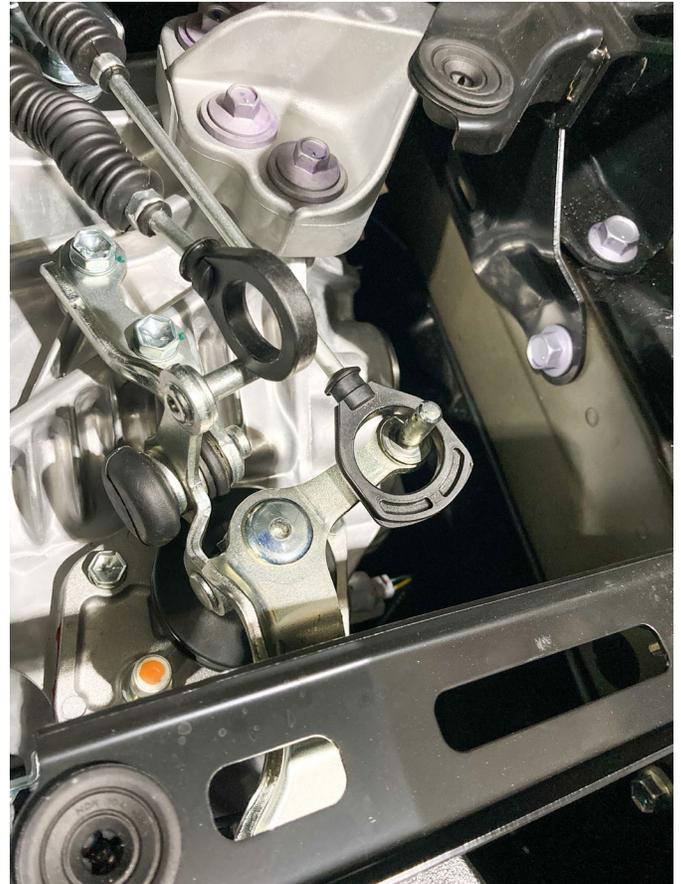


Figure 7

7. Remove Racer X shifter cable bushing kit from packaging. (Fig 8)

Install the (2) small springs onto the shifter posts (Fig 9)



Figure 8

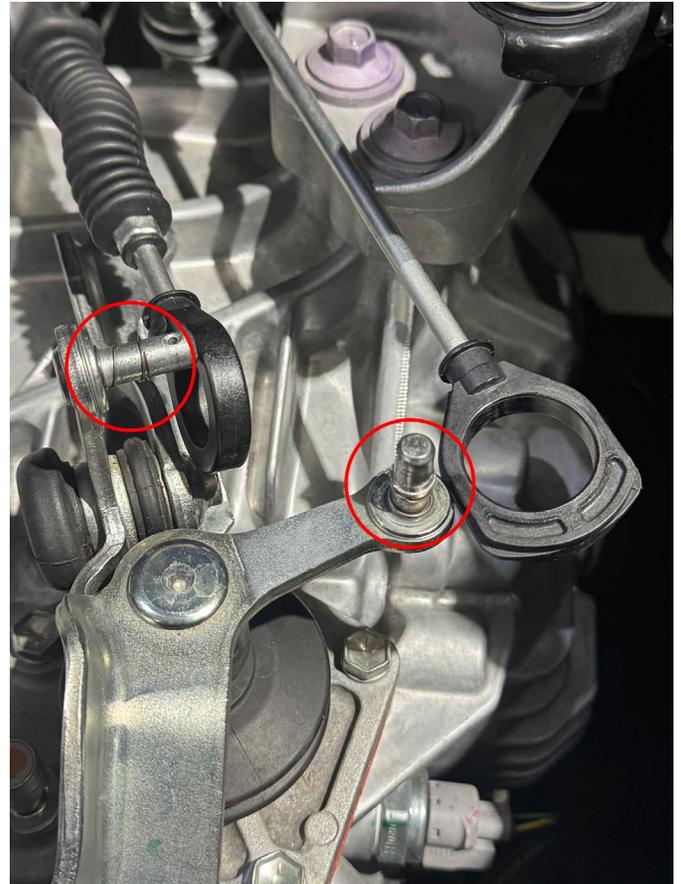


Figure 9

8. Install small bushing with shoulder facing towards lateral linkage post (Fig 10 & Fig 11).
Install large bushing with shoulder facing towards ground (Fig 12).

TIP: Bushing collars will install with some resistance, this is normal. Optionally, you can lightly lubricate o-rings with lithium grease.



Figure 10



Figure 11



Figure 12

9. Place the formed washer on top of the large bushing, the formed edge should fit into the bearing. Compress the spring by putting pressure on the cable head and install the cotter pin. (Fig 13)

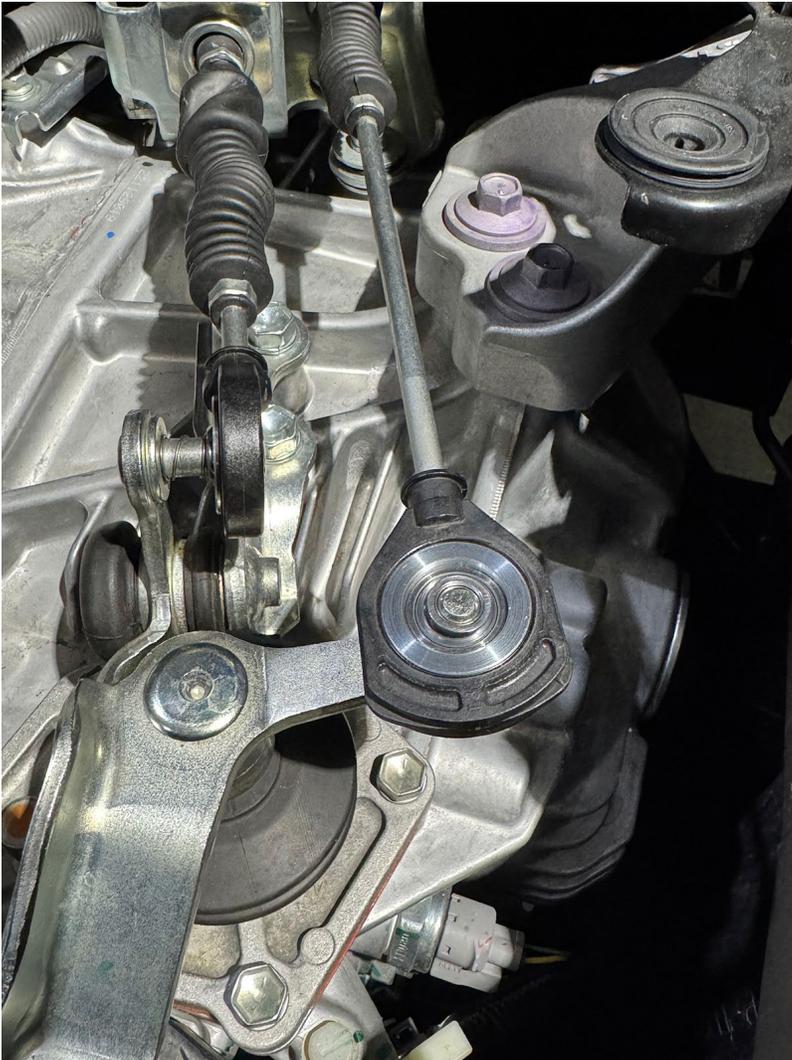


Figure 13

10. Place the formed washer on the small bushing, the formed edge should fit into the bearing. Compress the spring by putting pressure on the cable head and install the cotter pin. (Fig 14)

Re-install components removed during installation before starting vehicle. Installation is complete.

Enjoy the new feel and smooth engagement of your shifter.



Figure 14