



# Toyota MR2 Top Feed Fuel Rail Kit

91-95, APPLICABLE FOR GEN 2, GEN 3 AND GEN 4

**Install Time:** 1 to 2 hours

## **In the Box:**

- (1) Top feed fuel rail
- (4) Injector adapter cups
- (4) #10 Stainless steel bolts and loc washers
- (2) M8x1.25, flat washers and loc washers
- (2) Fuel rail mounts
- (2) 6AN or 8AN fittings

## **Tools:**

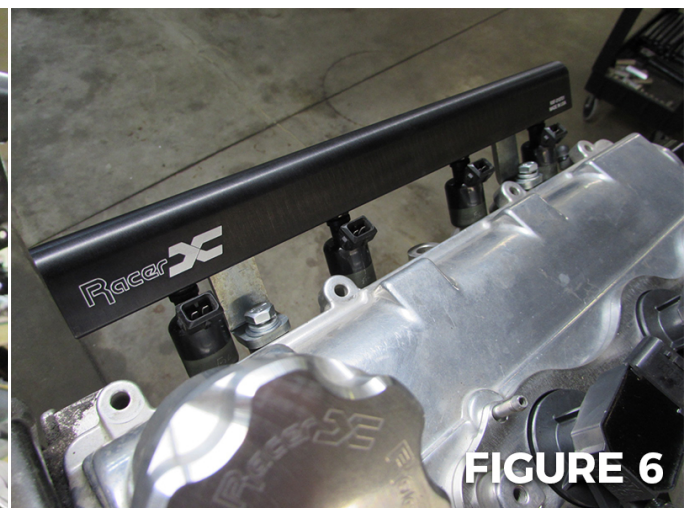
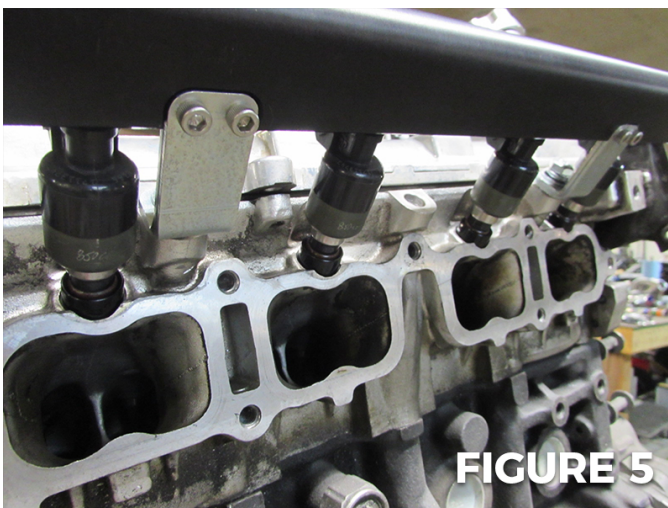
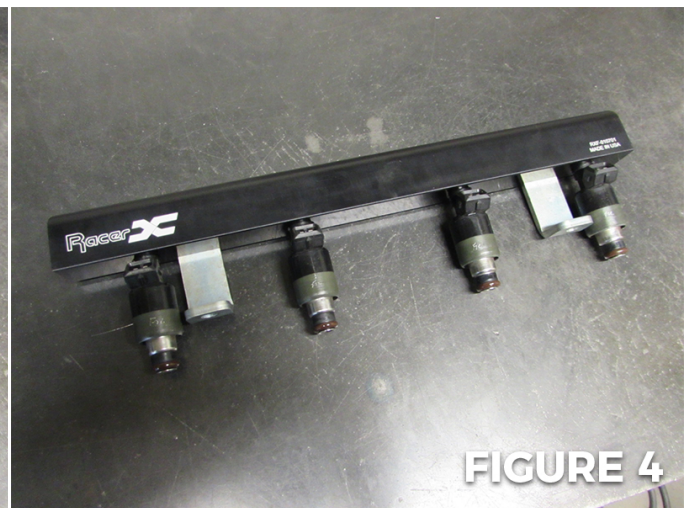
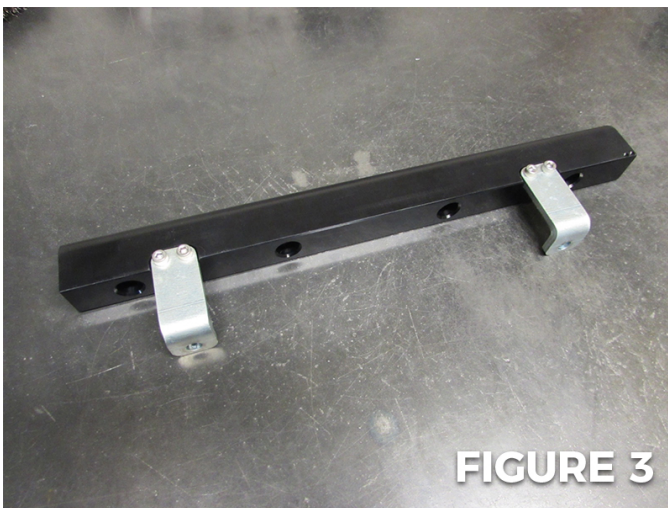
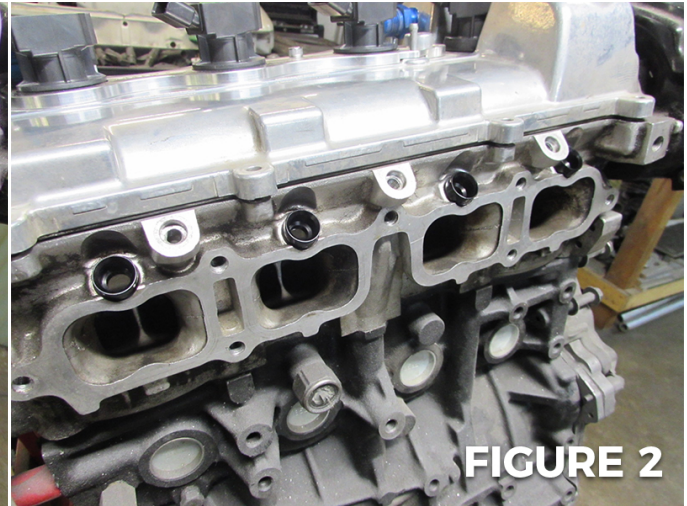
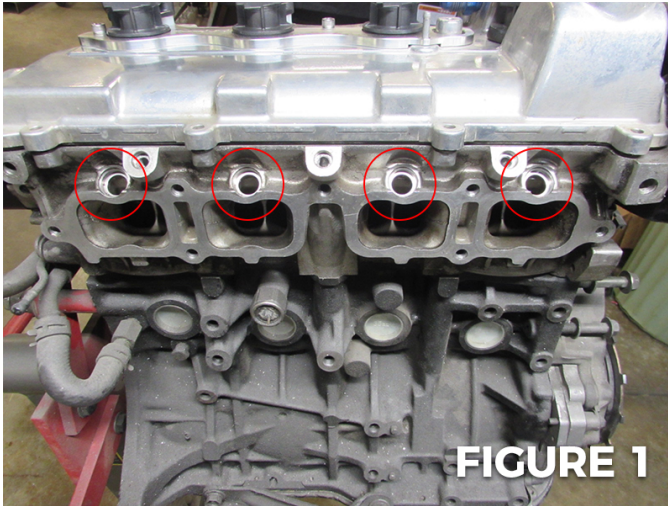
- 5/32 Allen key
- 13mm open end wrench
- 7/8 open end wrench

## **Instructions:**

1. Remove the OEM fuel rail and side feed injectors. Follow the BGB service manual for this procedure. Clean the injector ports of any debris or dirt. (Figure 1)
2. Lightly lubricate the o-rings on the injector adapter cups using engine oil. Insert the adapter cups into the cylinder head. The adapter keys into the port and seals on the o-ring. Be sure to fully seat the adapters. (Figure 2)
3. Assemble the fuel rail mounting brackets to the rail. Use supplied #10 SS allen head bolts and loc washers. Tighten with 5/32 allen key. Lubricate upper and lower injector o-rings with engine oil, and insert injectors into fuel rail. (Figure 3 & 4)
4. Install fuel rail to cylinder head, locate injectors into the adapter cups and finger tighten M8 bolts with washers. Slowly start tightening the M8 bolts with a 13mm open ended wrench. Roughly 1/2 turn for each bolt, then rotate the injectors to prevent the o-rings from catching. Continue tightening the bolts and rotating the injectors until completely seated. Torque bolts to 14 ft/lbs. (Figure 5 & 6)
5. Install 6AN or 8AN fittings into the fuel rail and tighten. Route new lines to fuel filter and fuel return line located by cabin wall. Installation complete, be sure to prime the fuel system and check for leaks. (Figure 7)

## **Instructions for OEM Gen 4 Intake Manifold:**

1. You will need to grind the casting that is circled. This does not weaken the manifold, and does not remove material from the runners. (Figure 8 - 10)
2. Gen 4 manifold shown with casting removed. (Figure 11 - 13)





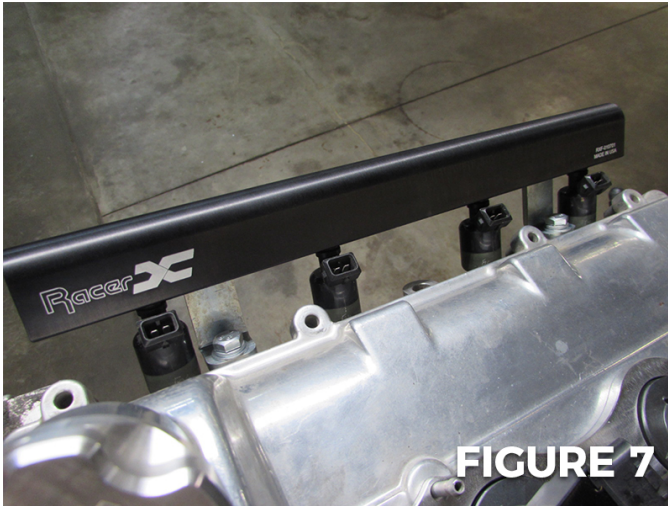


FIGURE 7

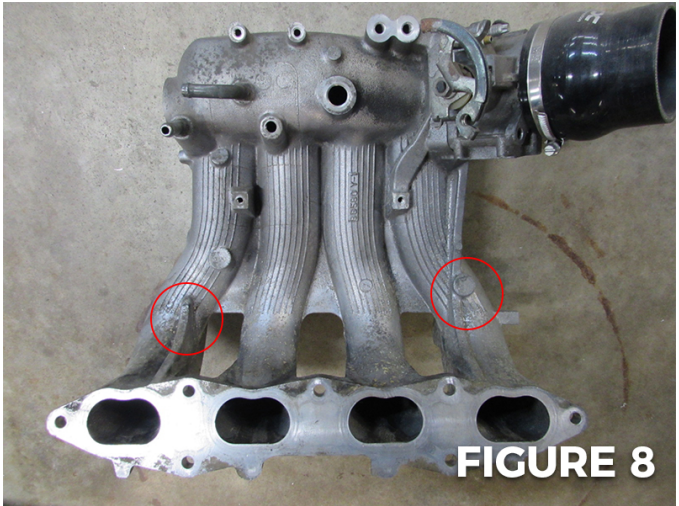


FIGURE 8

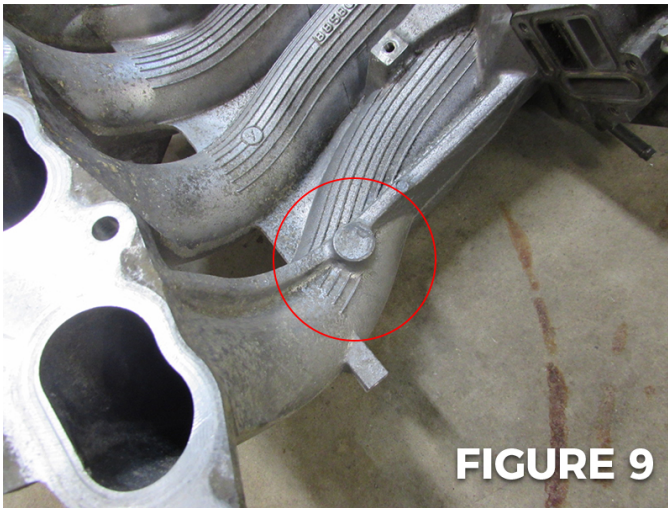


FIGURE 9

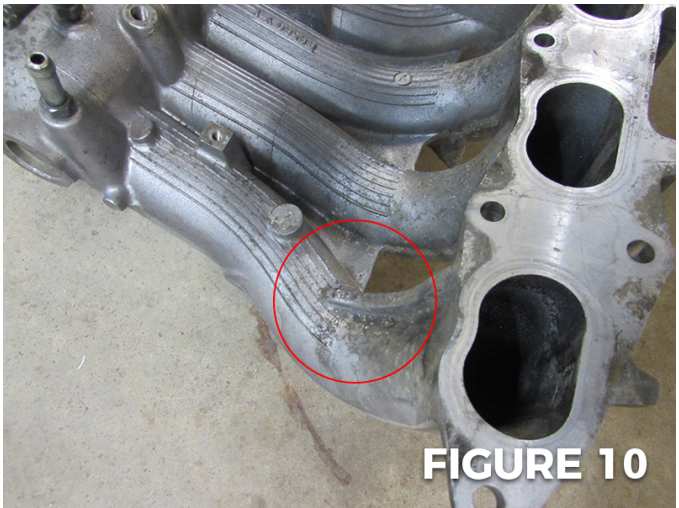


FIGURE 10

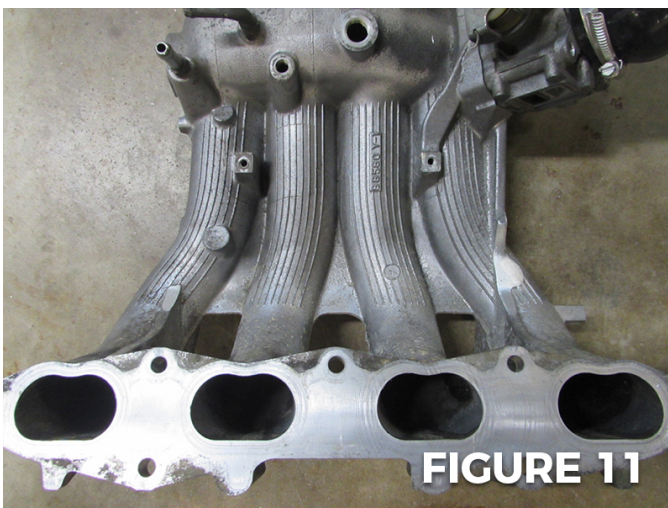
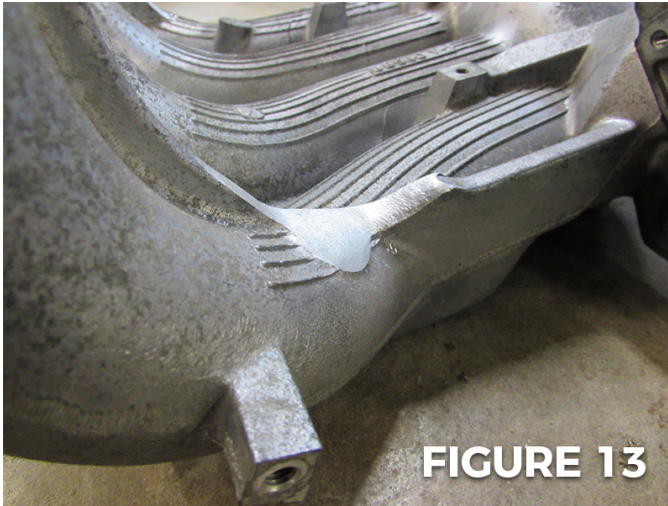


FIGURE 11



FIGURE 12



Questions, comments, or concerns? Email [tech@racerxfabrication.com](mailto:tech@racerxfabrication.com).