



Volkswagen MK4 Air Bag Bracket Installation Instructions

IDF011

To Install the IDF MK4 bag bracket kit, a rivet nut must be installed inside of the rear spring perch, and the spring pocket must be trimmed for bag clearance. All necessary hardware is provided in the kit. Please use the following instructions as a guide.

1. Drill the existing hole in the spring perch to 9/16" using a drill bit or step bit (figure 1)
(*If your spring perch has already been cut or modified, a hole must be drilled into the frame of the car for the threaded insert. Longer hardware can be provided upon request to IDF)
2. Prepare the rivet nut tool by threading the rivet nut onto the shorter side of the 3/8" threaded stud in the orientation shown in figure 2, until it is tight by hand, then back off an eighth of a turn.
3. Insert the external tooth washer onto the stud followed by the rivet nut tool. (figure 2)
4. Thread the 3/8" nut against the rivet nut tool, hand tight. (figure 3)
5. Insert the rivet nut into the drilled hole on the car so it is flush with the spring perch. (Figure 4)
6. Using a 9/16" ratchet and the rivet nut tool as a handle, tighten the nut while applying a steady upward pressure. Continue to tighten the nut until it becomes noticeably harder to turn, at this point tighten the nut 3/4 of a turn to lock the rivet nut in place. If a torque wrench is available, apply 20 lb. ft. (Figure 5)
7. Loosen and remove the nut, rivet nut tool, and external tooth washer, followed by the 3/8" stud using pliers.
8. Now the upper bag bracket can be installed, Orient the bracket with the air fitting cut out facing away from you, and bolt it in place using the countersunk 3/8" bolt. (figure 6) Leave this bolt hand tight until air bag fitment is complete in the following steps.
9. Install the 90 degree air fitting into the bag using thread sealant.
10. With the bag mocked into place, check for clearance between the air fitting and the frame. If needed, the fitting may need adjusted to allow clearance. (figure 7)
11. Install the Lower Cup onto the Bag using the 3/8" washers and button head Allen screws. Orient the Lower Cup in the slotted holes so that it lines up with the lower spring pocket.
12. With the bag mocked into place, the upper bracket may be rotated 15-20 degrees in order to center the air bag within the spring pocket, and minimize the amount of trimming required.
13. The spring pocket must be trimmed in the areas highlighted in figure 8, so there is no contact between the air bag and the beam throughout the full range of the suspension, and also between the lower bag bolts and the beam.

14. After fitment of the air bag is complete. Tighten the upper bracket bolt and Install the air bag using 2 of the 3/8" zinc plated flange head bolts and a 9/16" wrench.
15. Complete Installation by securing the lower bag cup to the spring pocket using the 2.5" zinc plated washer and 3/8" lock nut. (Figure 9)



Figure 1

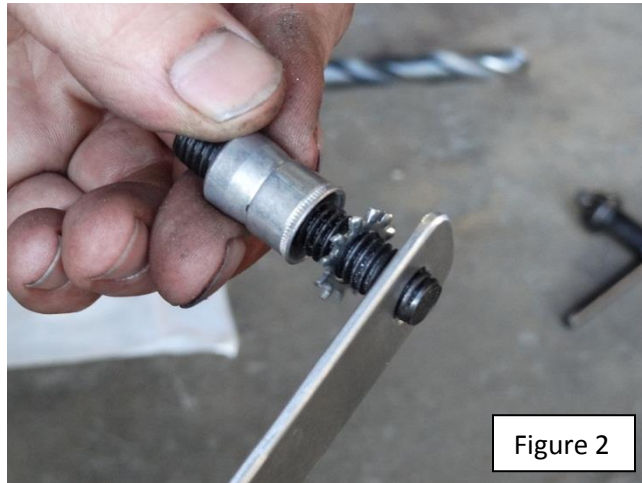


Figure 2

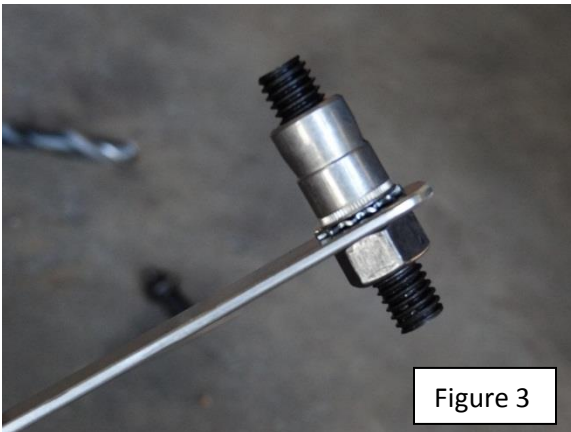


Figure 3

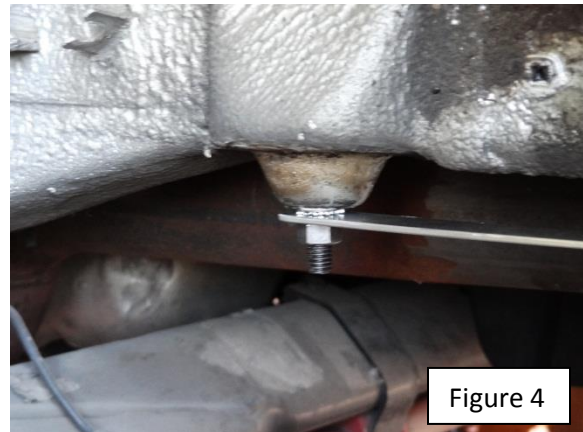


Figure 4

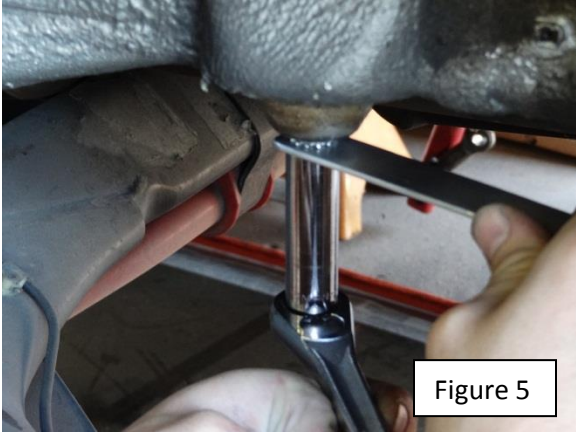


Figure 5

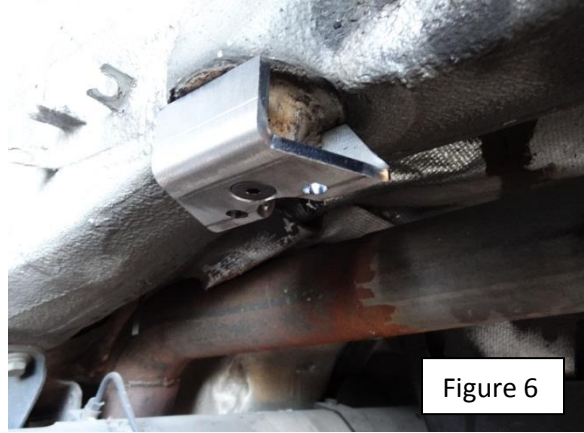


Figure 6

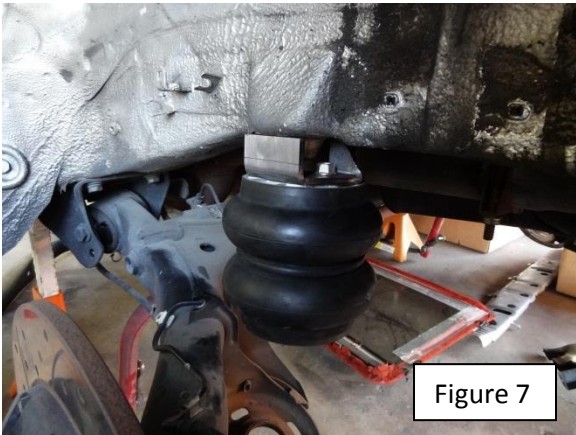


Figure 7

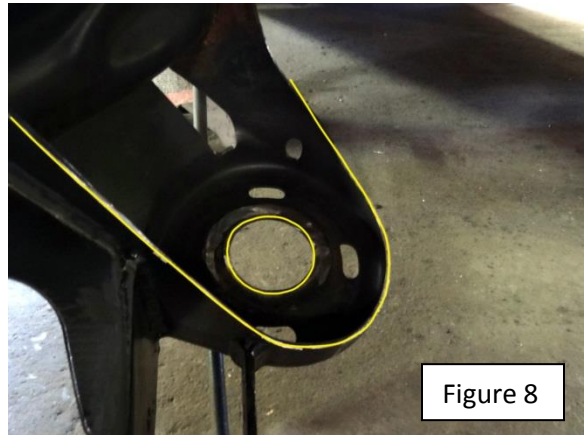


Figure 8

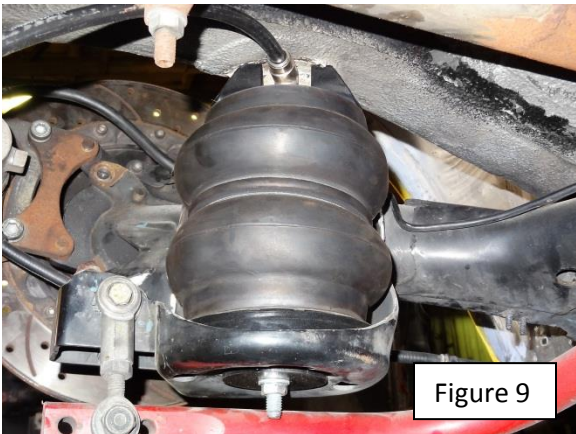


Figure 9