

INSTALL TIME: 30 minutes - 1 hour

DIFFICULTY LEVEL: 2

TOOLS NEEDED: 3 mm allen key
4 mm allen key
5 mm allen key
10 mm socket
12 mm socket
Socket driver



1. Begin by safely supporting your vehicle. You will need access to the shifter cables from underneath the car. Remove the shifter cable head from the transmission shifter lever. (Fig 1 & Fig 2)



Figure 1



Figure 2

2. Install the 5 mm dowel pins into the short throw shifter body. These are designed to be used for alignment with the cover. Using the supplied blue lock tight, apply a small amount to each set screw and thread them into the side of the shifter body. Then install the M6 flat washer and M6 flange nut. (Fig 3)

Locate the short throw shifter body over the OEM shifter linkage arm, as pictured. (Fig 4)



Figure 3

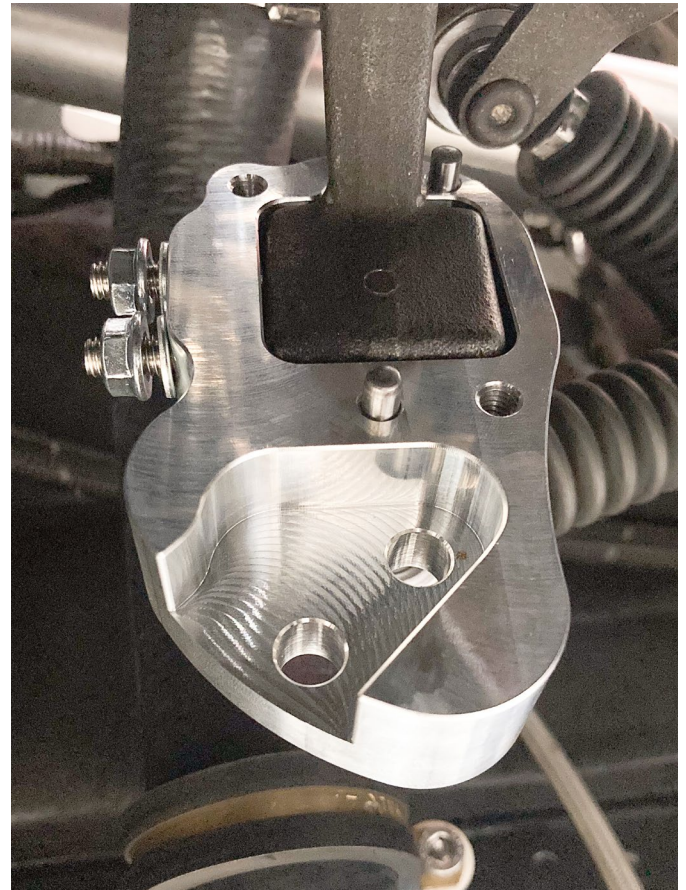


Figure 4

3. Place the rubber washer into the pocket of the short throw shifter cover plate. (Fig 5)



Figure 5

4. Install the cover plate to the short throw shifter body using the 6 mm socket head cap screws. Using 5 mm allen key tighten the cover plate to the body. (Fig 6 & Fig 7)



Figure 6



Figure 7

5. Using a 3 mm allen key, tighten the set screws on the side of the shifter body. Once they start to feel tight, check to see if there is movement in the body that is separate from the OEM shifter arm. When tightened properly the arm will move with the shifter without play (the OEM shifter arm may have some play, but not the short throw adapter).

Tighten the flange nuts using a 10 mm socket. Apply blue lock tight to the 8 mm set screw and thread it into the cover plate. Tighten set screw using a 4 mm allen key. Install the M8 flat washer and M8 flange nut tighten using a 12 mm socket. (Fig 8 & Fig 9)



Figure 8

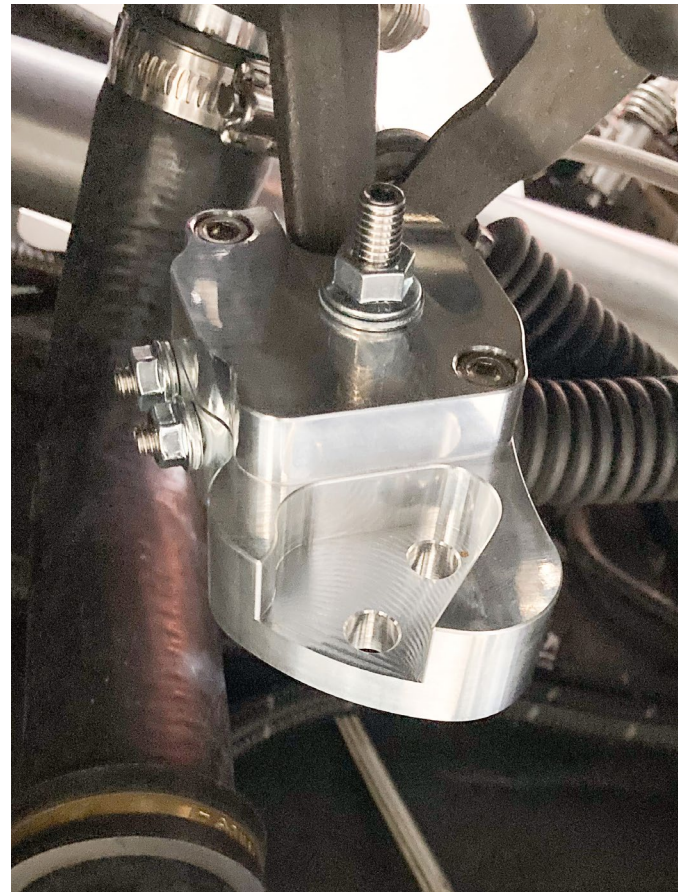


Figure 9

6. Place the small gold washer below the shifter cable head and reinstall the cable head on the upper clevis pin.

Installation is complete. Move the shifter arm by hand to make sure there is not any binding. (Fig 10)

After driving the vehicle for approximately 50 miles, loosen the flange nuts and tighten the set screws. Then tighten the flange nuts again.

For optional dead weight installation continue onto the last 3 steps.



Figure 10

7. The deadweight will locate in the pocket cut out. (Fig 11)

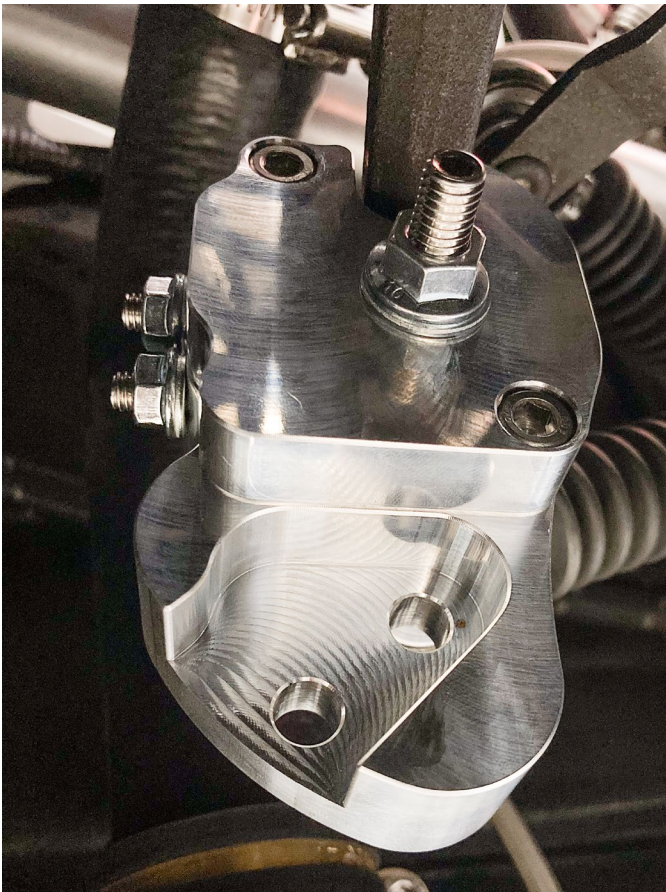


Figure 11

8. Install the deadweight into the pocket and install the M8 flange bolts with flat washers. Tighten the M8 flange bolts using a 12 mm socket. (Fig 12 & Fig 13)



Figure 12



Figure 13

9. Installation is complete. (Fig 14)



Figure 14