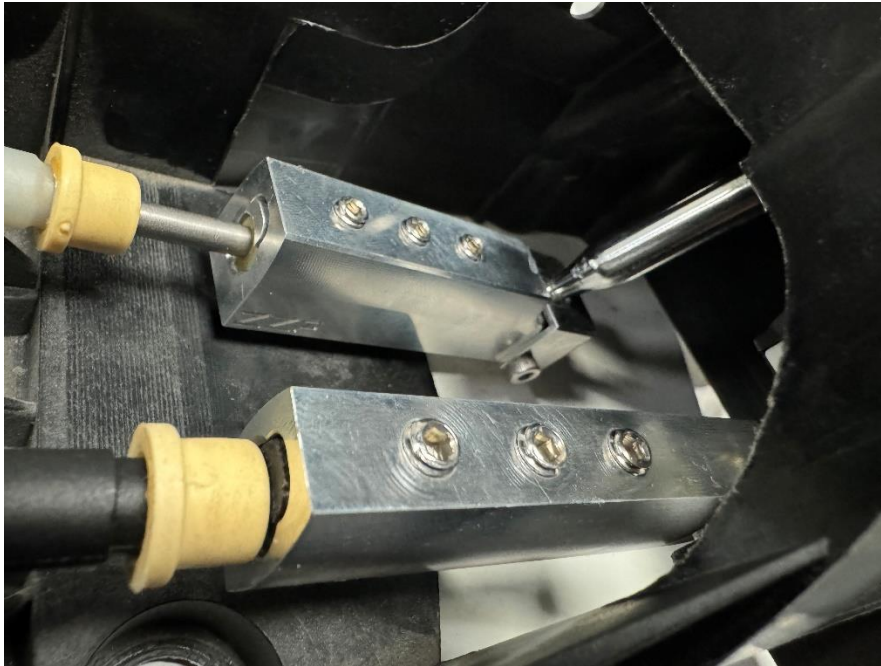


**ZZPERFORMANCE**

**Installation Instructions**  
ZZP F23 Short Shifter



**Estimated Installation Time:** 30 minutes

**Installation Difficulty:** 1/5

**Kit Contents:**

- Short shifter
- Shift knob
- Zip tie

**Tools Needed:**

- 13mm socket
- 6" extension
- Ratchet
- Flat head screw driver
- Die grinder/mini hacksaw or some way to trim the shifter base

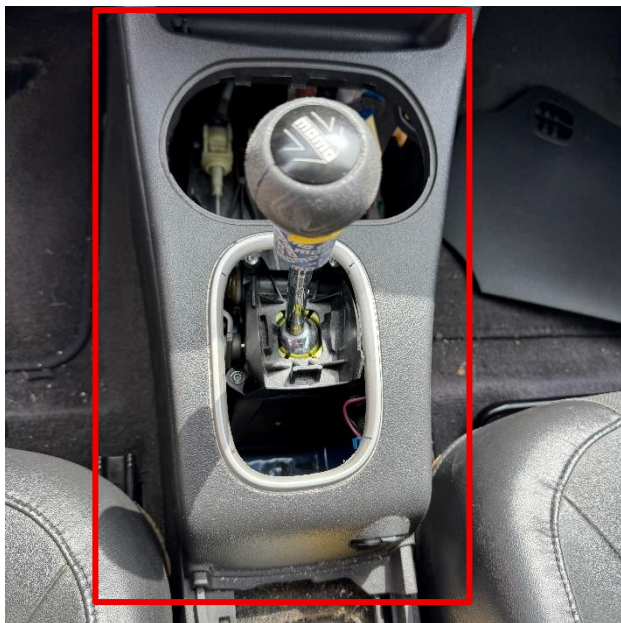


**STEP ONE:**

- Remove center console trim around the E-brake handle.

**STEP TWO:**

- Remove the cup holder.



**STEP THREE:**

- Remove the center console/shifter trim.

#### STEP FOUR:

- Disconnect both 12v outlets from center console trim.



#### STEP FIVE:

- Release both shift cables from shifter base by pressing on the two outer tabs and pulling up.

#### STEP SIX:

- Use a small screwdriver or pick to pry up on white/grey parts of stock shift cable clamps to release the cable ends from the clamps.
- The picture shows them in the unlocked position. →





**STEP SEVEN:**

- Remove four 13mm nuts that hold the shifter base onto the car.
- After removing the nuts, remove the shifter base assembly from the car.

**STEP EIGHT:**

- Remove cable clamps from stock shifter by prying with a screwdriver or pliers.



**STEP NINE:**

- Remove the factory shift knob and boot.
- Twist and pull down on the black ring around the top of the shift boot.
- Pry open the plastic tabs on the bottom of the shift knob and pull up on the knob to remove.
- Slide the shift boot off the stock shifter.

### STEP TEN:

- Remove the black pin that holds in the white shifter pivot arm.
- Squeeze the tabs or pry on the pin, then slide it out.



### STEP ELEVEN:

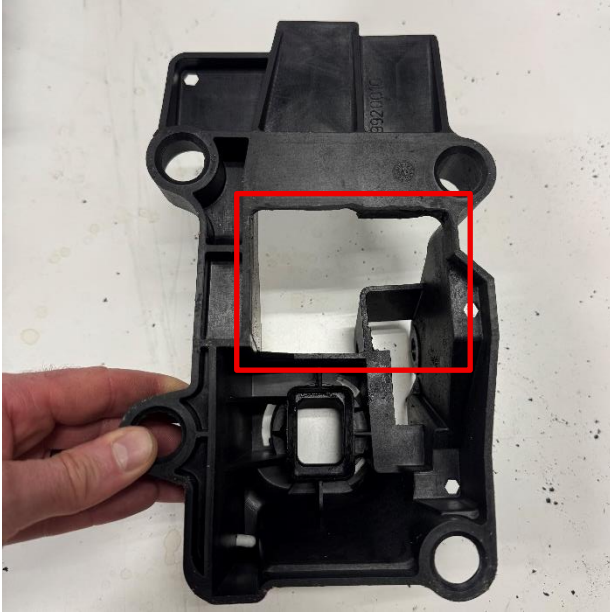
- Remove the shifter retaining ring.
- Rotate the ring to the left, then pry on each tab using a screwdriver from the top to remove.



### STEP TWELVE:

- Remove all components from the shifter base.
- Pull out the shifter with the cup and shifter pivot arm.
- Make sure not to lose the two O-rings that go on the top and bottom of the shifter cup.
  - Now would be a great time to upgrade to our green shifter cup to replace your worn out stock cup.
- Make sure not to lose the shifter centering spring and roller that are on the bottom of the white shifter pivot arm pictured below.



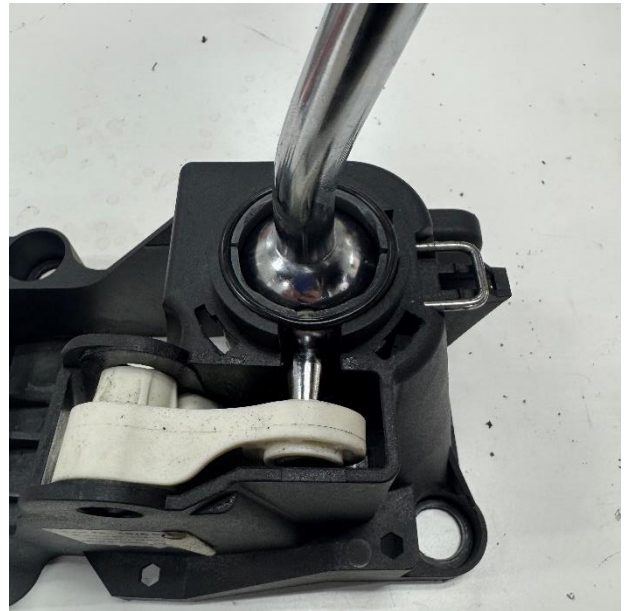


**STEP THIRTEEN:**

- Trim the bottom of the shifter base to add clearance for the new longer shifter rod.
- Use a die grinder/hacksaw/whatever you have to cut out the plastic on the bottom of the shifter base to match the photo.

**STEP FOURTEEN:**

- Install short shifter.
- If your short throw shifter did not come with the black bushing pre-installed on the side shifter arm, transfer the stock white bushing from your OEM shifter on to the new shifter.
- Push the shifter cup onto the new shifter.
- Place the O-ring into the shifter base, then install the shifter, cup, and shifter pivot arm as an assembly down into the base.
  - Make sure the shifter centering spring stays in the shifter pivot arm.
- Place the second O-ring on top of the shifter cup like shown in the picture.
- Reinstall the black pin through the shifter pivot arm.
- It is a good idea to lubricate inside of the shifter cup and all moving components of the shifter using grease.

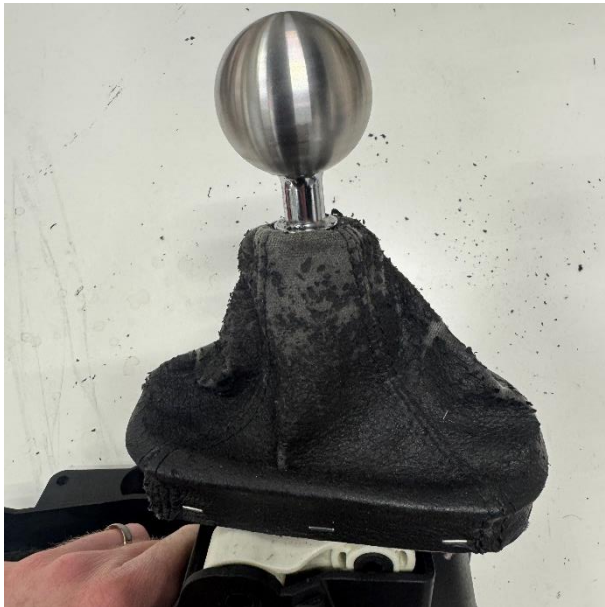


**STEP FIFTEEN:**

- Install shifter retaining ring and press down all three tabs using a flat head screwdriver.

**STEP SIXTEEN:**

- Install the shift boot.
- Remove the factory zip tie from the shift boot.
- Remove the factory plastic shift boot ring.
- Use the provided zip tie to fasten the shift boot to the groove on the new shifter.



**STEP SEVENTEEN:**

- Install the shifter base back into the car.
- Tighten the four 13mm nuts that secure the shifter base to the car.
- Put shift cable ends into cable clamps.
- Push down on the shift cables to resecure the clips that hold them onto the shifter base.
- Center shifter and clamp down shift cable clamps.

**STEP SEVENTEEN:**

- Reinstall all center console trim and shift boot.
- Make sure to reconnect the 12v outlets.

