



## **Installation Manual** **TWM Performance** **Chevrolet Camaro 5<sup>th</sup> Gen** **Short Shifter**

Begin the installation by parking on a flat surface, place wooden blocks in front or behind the wheels to prevent the car from moving while you're working.

Make sure to let the car cool down before you do the install as you will be working around the shifter assembly, the transmission and the exhaust system.

The car will need to be jacked up, only use jack stands

Please read this installation manual completely before installing the product.

This manual is available for download in color at [www.twmperformance.com](http://www.twmperformance.com).

**Estimated Installation Time:** 60-90 minutes

### **Tools required:**

- Ratchet
- Socket set
- Allen bit set
- Ratchet extensions
- Universal joint
- Philips head screwdriver
- Flat head screwdriver
- Flash light or shop light
- Shop jack
- Jack stands





1. Start by prying the back of the console trim with a flathead screwdriver or a trim tool upwards to unclip it, then run your fingers to the front to unclip the whole trim.

You can leave the gauges connected and simply move the whole trim over to the passenger side



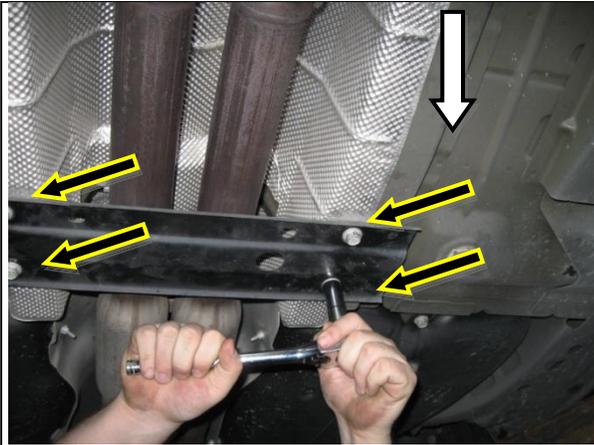
2. Unscrew the (4) screws holding the shift boot trim in the console using a Philips screwdriver



3. Remove the shift knob by pulling upwards with some force  
Set the knob and shift boot aside



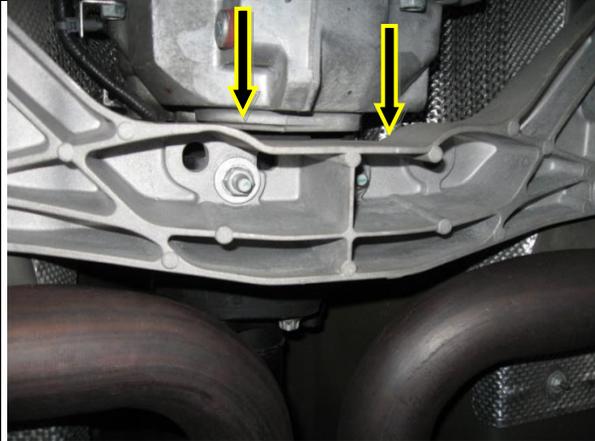
4. Loosen, but not remove, the (4) screws holding the shifter assembly to the body using a 10mm socket



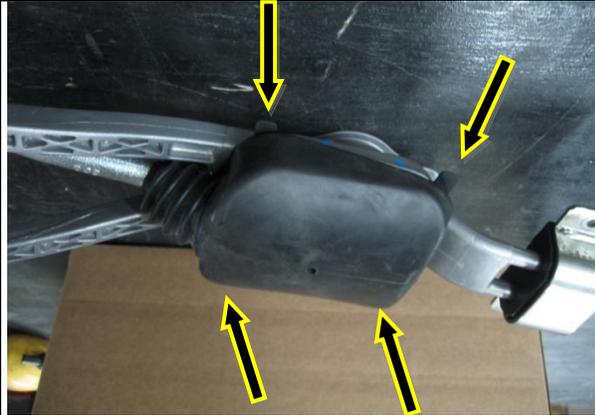
5. Underneath the car, remove the black plate towards the back of the car by taking off (4) screws with a 15mm socket  
Then slide the exhaust shield towards the back of the car, to do this you may need to remove some body nuts with a 10mm socket



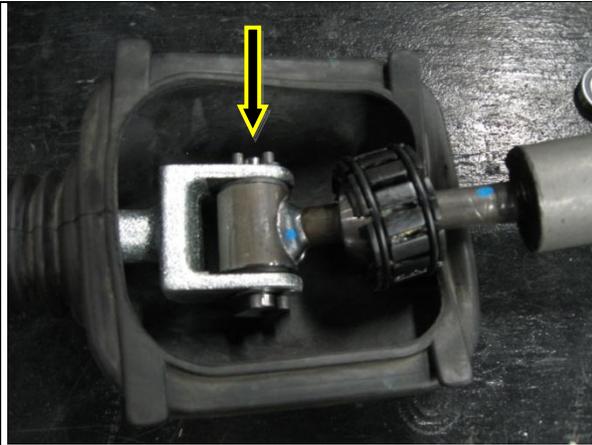
6. Next, the transmission support needs to be taken off, with the same 15mm socket, remove the (4) screws holding the support to the body  
Remove the screw little by little in a star-like pattern to slowly lower the transmission without putting too much strain on individual screw



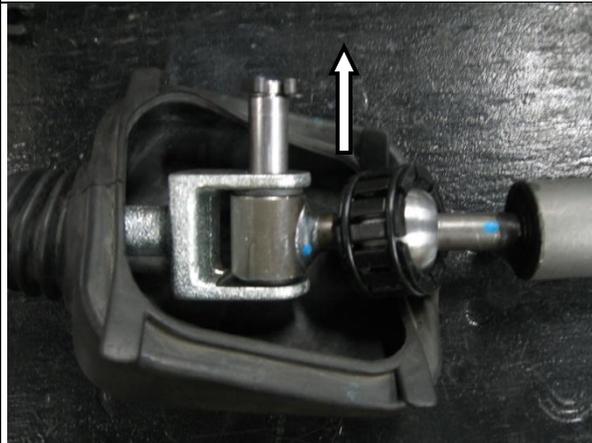
7. Completely remove the transmission support by removing the (2) nuts underneath with the same 15mm socket  
Careful not to drop the support



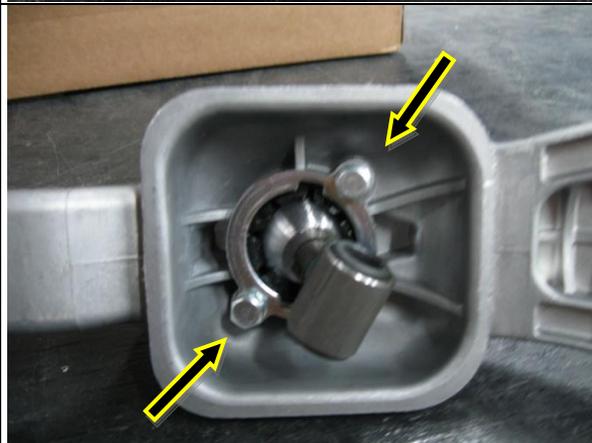
8. Underneath the car, over the drive shaft, locate the shifter assembly and remove the lower dust boot by pulling out and down on the tabs at each corner



9. Push the dust boot out of the way to reveal the lower section of the shift rod. With a flathead screwdriver, push out one of the clips on each side of the linkage



10. With your fingers, simply slide the linkage pin out, do not misplace the pin and the clips



11. Remove the (2) screws from under the assembly with a 10mm socket, remove the ring and pull the shifter down and out



12. Then insert the shifter shaft, having a friend in the car to guide the shaft through the upper dust boot is very helpful

	<p><b>13. Reverse steps 10 to 4</b></p> <p>If you have purchased a TWM Performance shift knob, now is the perfect time to install it, follow the instructions provided in the knob installation manual</p> <p>Reverse steps <b>3</b> to <b>1</b></p>
	<p>Thank you for choosing TWM Performance so you can enjoy your 5<sup>th</sup> gen Chevrolet Camaro even more !!</p> 

### Legal Disclaimer

TWM Performance is not responsible for the misuse, incorrect installation, or failure of any product we sell.

If you do not feel confident to properly install the product, please refer to a professional

Under no circumstances, including but not limited to negligence, will TWM Performance be liable for special or consequential damages that result from the use or inability to use our products. TWM Performance does not assume responsibility for any damage to the user, passenger or vehicle resulting from the operation of a TWM Performance product.

TO PROTECT USERS FROM INJURY OR DEATH. THE USER ASSUMES ALL RISKS. Autocrossing, track events, and high speed driving are all dangerous activities - always drive responsibly and safely.

### Warranty

Installation of some TWM Performance products may or may not void factory warranties. Always keep OEM equipment that has been replaced in case work is required at the dealer or the vehicle is sold.

This warranty covers the **original purchasing consumer**. This warranty is limited to repair or replacement by TWM Performance of any TWM Performance product that fails because of a defect in materials or workmanship.

Warranty does not cover the following:

- Products that have been modified incorrectly or incorrectly installed or misused.
- Damage incurred to related vehicle components
- Shipping costs for replacements
- Mounting hardware and bearings
- Regular day to day wear on vehicle
- Installation costs and vehicle down time

