



Installation Manual  
TWM Performance Short Shifter  
2002 and up Subaru Impreza WRX/RS/TS  
1996-2001 Subaru Impreza  
2004 and Up Saab 9-2X  
1996-2001 Subaru Legacy  
1997-2004 Subaru Forester



1. Open the center console storage compartment and locate both slots used to pry the back part of the center console off. Begin removal of the center console by using a flat head screwdriver covered by a shop towel. Insert the covered screwdriver into the slots one at a time and pry gently upward, using caution not to damage the console itself. The clip below the console will pop out with careful prying, move to the next slot and repeat. For the 1996-2001 RS, the console is removed by locating and unscrewing several screws which secure the console.



2. Disconnect both plastic connectors beneath the rear part of the center console. Note their locations for re-installation.



3. Disconnect the larger plastic connector at the front of the rear part of the center console. Remove the rear part of the center console and place it in a safe area.



4. Unscrew the shift knob and separate it from the shift boot. Lift up on the front portion of the center console and it will pop out.



5. Unscrew the nut securing the shifter to the shift rod. Remove the bolt that passes through the shifter and shift rod, place the nut and bolt in a clean area, they will be used for re-installation.



6. Remove the stock shifter by prying back and downward. The white plastic ball will pop out of the cup at its base. Push out the steel cross sleeve in the stock shifter with your finger and clean it with a shop towel, re-greasing it afterward. Remove the rubber bushings on either side of the shifter and clean them with a shop towel. These will be re-used in the installation of the TWM shifter.

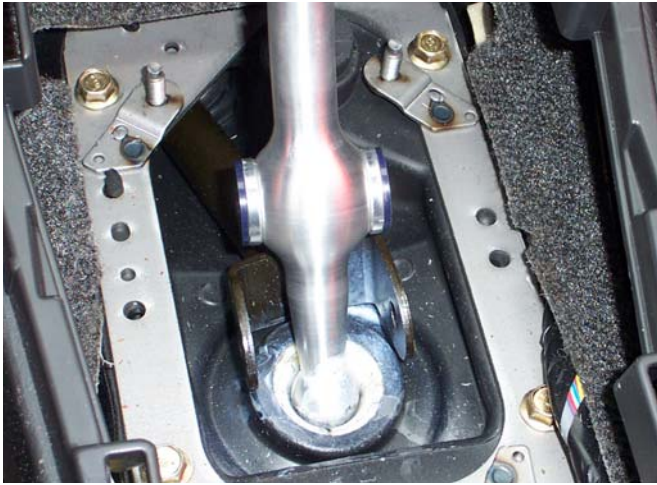


7. Install the rubber bushings you removed from the stock shifter in the previous step into the TWM shifter.



8. Insert the steel cross sleeve that you removed from the stock shifter in step 6 into the TWM shifter.





9. Grease the bottom pivot ball of the TWM shifter and place it on the cup at the base of the shifter.



10. Screw the shift knob on to the TWM shifter. Use the palm of your hand to force the shifter to pop into plastic pivot cup at the base. This may require a strong impact using the palm of your hand to pop it in. Remove the shift knob once the TWM shifter is popped in to the base cup. **Caution:** do not use a hammer to pound the shifter in to the cup as the threads on the top of the shifter or the shift knob may be damaged.



11. Re-align the shift rod with the steel cross sleeve in the TWM shifter and re-install the bolt, securing with the nut. Use caution not to over tighten.



12. Re-assemble the console, first installing the front half. Replace the shift knob in to the boot and thread it on to the TWM shifter. Re-connect all plastic connectors in the same manner as they were to the rear portion of the console. Snap the rear portion of the console back into place and you're ready to drive!

### **Legal Disclaimer**

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

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:

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