



ZZPERFORMANCE.COM

SONIC 2012-PRESENT SHORT THROW SHIFTER

REDUCE THROW BY 30% AND IMPROVED FEEL



INTRODUCTION

Our slogan, Go fast not broke, is something we stand by. ZZP's goal is to provide the highest quality, best performing products available, at an affordable cost. All of our products go through a series of research, development, and rigorous testing programs. ZZP does not compromise quality or performance of our products. In addition, ZZP will only provide the finest customer service; offering only parts and advice that are in the best interest of the customer. ZZP was built on a foundation of integrity. This is who we are; this is what you can count on.

A vehicle modified by the use of performance parts may not meet the legal requirements for use on public roads. Federal and state laws prohibit the removal, modification, or rendering inoperative of any part or element of design affecting emissions or safety on motor vehicles used for transporting persons or property on public streets or highways. Use or installation of performance parts may adversely affect the drivability and reliability of your vehicle, and may also affect or eliminate your insurance coverage, factory warranty, and/or new OEM part warranty. Performance parts are sold as-is without any warranty of any type. There is no warranty stated or implied due to the stresses placed on your vehicle by performance parts and our inability to monitor their use, tuning, or modification.

These instructions are provided as a guide only, as there are many variables that cannot be accounted for concerning your particular vehicle; including, but not limited to, model year differences, model differences, the presence of non-OEM parts, and modifications that may already be or, were previously installed. A basic knowledge of automotive parts and systems is helpful but a better understanding of the parts and systems on your particular vehicle may be required.

If you have any questions or issues at any time during the installation of your ZZPerformance product(s), please call us for technical assistance. The ZZPerformance tech line can be reached during business hours at 616-532-5152 for products we offer only.

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TOOLS REQUIRED

10mm Socket & Extensions
Wrenches / Screw Drivers
Allen Wrenches
Hammer / Pliers / Snips
Small Zip Tie
Trim Removal Tools
White Lithium Grease
Sharpie

DISASSEMBLY

01. Pull up E-Brake. Remove shift boot trim by gently prying/pulling up. Remove larger interior center console trim part by also pulling gently. Small clips into dash should not be hard to pull out.



DISASSEMBLY

02. Cut zip tie to free shift boot from the actual shifter. Put the shifter into fourth gear.



03. Mark cable clamp locations with your sharpie. You can then remove the white clamps from the shifter cables by prying the tabs.



04. Disconnect shifter cables from the shifter base assembly, towards the front of the car.



DISASSEMBLY

05. Remove the four 10mm bolts securing the shifter base to the floor. (Be careful to not lose your shifter base bushings, and consider upgrading to our **BILLET SHIFTER BASE BUSHINGS** if you'd like even more of a direct shifting feel.)



06. Pull the entire shifter assembly out of the car and to a clean, solid working area where you can begin swapping the shifter outside of your car.

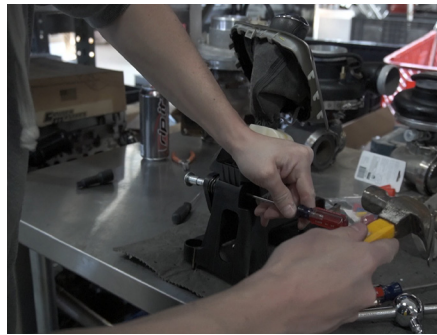
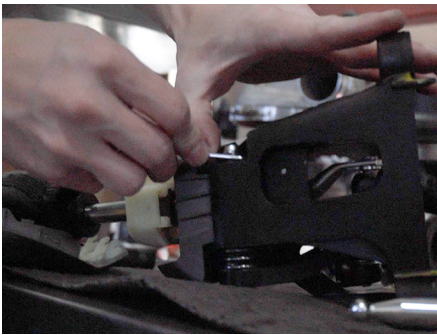


07. Punch out roll pin on front side of the shifter.



DISASSEMBLY

08. Remove the locking washer from the back side of the shifter, and slide out the shaft.



09. Pop off the 2 cable ends from underneath the shifter assembly.

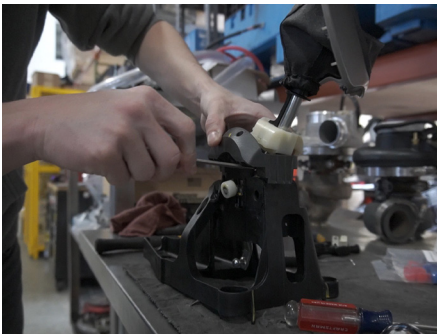


10. Remove the 3-point arm piece from the assembly. There is a lightly loaded spring underneath, so be careful to keep this safe.



DISASSEMBLY

11. Remove the top hat from the assembly.



12. Lift out the metal shifter with attachments.



13. Separate the black housing around the large ball of the shifter.



DISASSEMBLY

14. Remove the white cup from the smaller ball end of the shifter.



15. Next up you'll want to remove the stock shift knob. This can be a bit of a battle, but, it's a press fit knob so you'll need to use some force to pry it off. Your shift knob will most likely be completely destroyed in the process. Use whatever force necessary to remove, while keeping all other components intact.

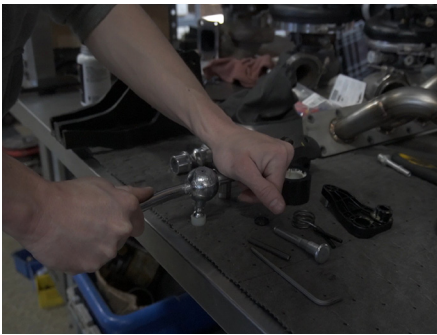


16. Dis-assemble your new short shifter. Grease up all the moving pivot balls with white lithium grease.



INSTALLATION

17. Install the white cap and the black ring on the pivot balls like the OEM one was.



18. Slide the new shifter into the shifter bracket, insert the top cap back over the shifter.

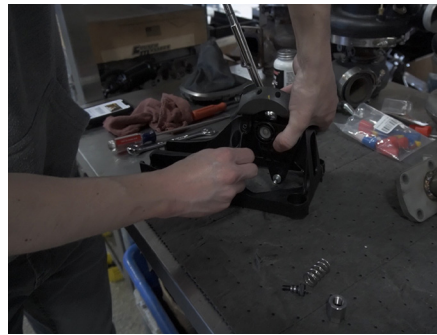


19. Reinstall the roll pin to hold everything together.



INSTALLATION

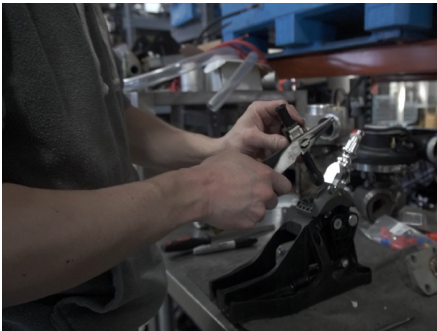
20. Hold the side spring into place while you slide in the pins. Re-install the locking washer.



21. Reassemble the new lockout and tighten the allen key (facing the driver's side).

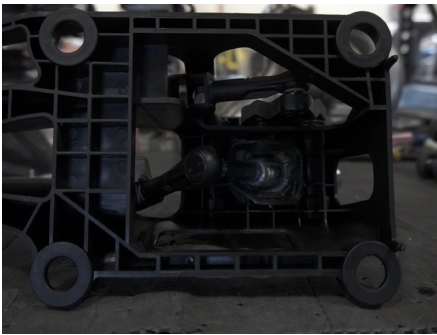


22. Cut off the white tabs on the shifter linkage clamps to prevent them from snagging on the shifter base.



INSTALLATION

23. Pop back in the shifter cable ends onto the new shifter.



24. Re-Insert the shifter base bushings, and maneuver your shifter assembly back into its place in the car.



25. Slide the shifter linkages on to their mounts on the shifter base.



26. Tighten the four 10mm bolts into the transmission tunnel.



27. Clip in the shifter cables to the respective ends you already mounted on the new shifter. Confirm that it lines up with the lines you marked with your sharpie. Test all of your gears, including reverse, before you continue. You should be able to smoothly shift into all gears. Some cars, due to molding differences and such, may need some of the shifter bracket shaved if it binds up on anything.

28. Replace your interior trim parts, and slip the shift boot over the new shifter inside out. Re zip tie this onto the groove to tighten. Next you can push the boot and trim back into their spot in the center console.

29. Thread on your new shift knob and enjoy! Go fast, not broke.

THANKS FOR BUILDING WITH ZZPERFORMANCE.

Questions or concerns, contact: Customerservice@zzperformance.com

Also be sure to share your newly installed part! @zzperformance

