



INSTALLATION INSTRUCTIONS
Part No. 45204
PRECISION MANUAL SPORTSHIFTER™
for 2016-2022 Toyota Tacoma 4WD
with 3.5L engine and 6-speed transmission (RC62F)



BEFORE STARTING

Take a moment to read and understand these instructions.

We recommend that you retain all factory parts.

WORK SAFELY! Park the vehicle on a clean, level surface. Turn the ignition switch OFF. Chock the wheels, and set the parking brake before starting.

NOTES

Installation requires moderate mechanical skill. If this job is beyond your abilities, seek the services of a qualified technician.

The shifter mechanism is precision-assembled at our factory. **Any modification or disassembly of the shifter will void its warranty, and may cause it to malfunction.** Disassemble items **only** where specified in the instructions.

If you do not understand any part of these instructions, please call **B&M Technical Support** at (866) 464-6553 for assistance.

REMOVE THE STOCK SHIFTER



1. Detach the chrome trim ring from the shift knob by twisting it clockwise and pushing it downward.



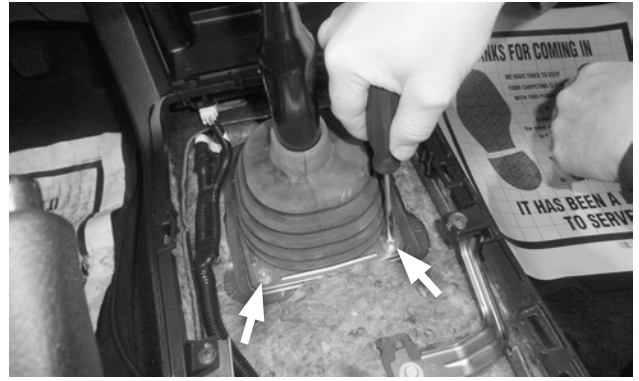
2. Remove the shift knob by unscrewing it from the shift lever.



3. Set the emergency brake and open the center storage compartment lid.



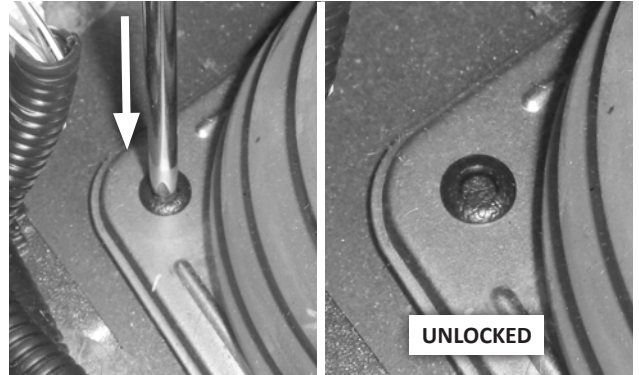
4. Use a plastic trim removal tool to separate the upper console panel from the console base.



7. Remove the 2 screws at the rear of the cover plate assembly.



5. While lifting the console panel upward, turn the parking brake boot inside out, and work its elastic opening over the end of the parking brake lever.



8. Unlock the 2 plastic push rivets at the front of the cover plate by depressing their center plungers slightly (about 1/16") with a punch or small Phillips head screwdriver.



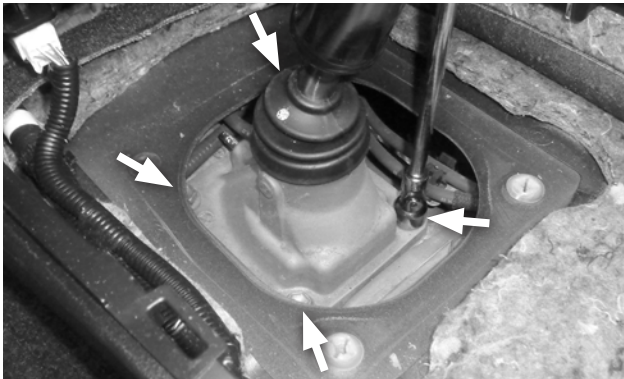
6. When the parking brake boot is clear of the lever, remove the console trim panel and set it aside.



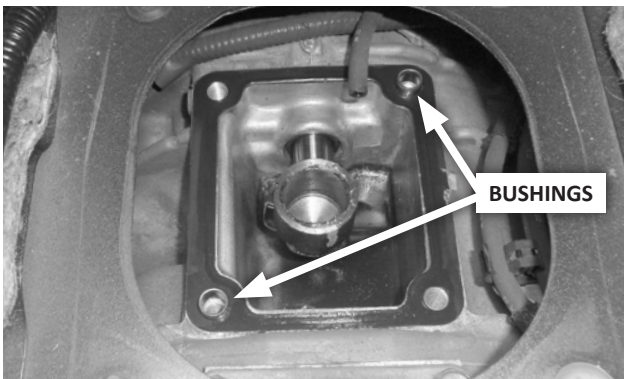
9. Remove the cover plate, working the rubber boot up over the shift lever, and set it aside.



10. Carefully remove the rubber vent hose from the barb fitting on the front of the shifter housing.



11. Put the shifter in NEUTRAL. Remove the 4 mount screws, then remove the stock shifter.



12. If either of the 2 alignment bushings, or the gasket, remains with the shifter, return them to their locations on the shifter mount pad.

INSTALL THE B&M PRECISION SPORTSHIFTER



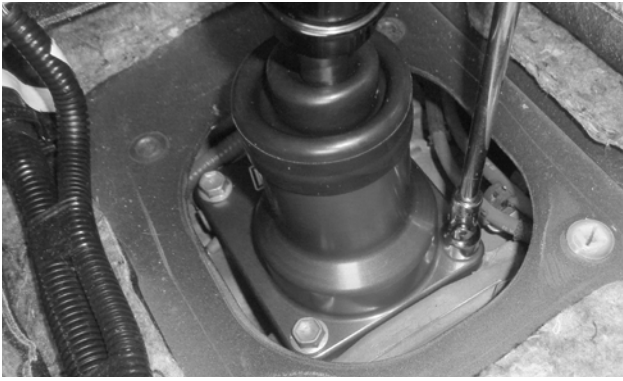
13. On the B&M shifter, lubricate the pivot bushing o-rings, and align the bushing with the lever centerline (make sure it's not cocked).



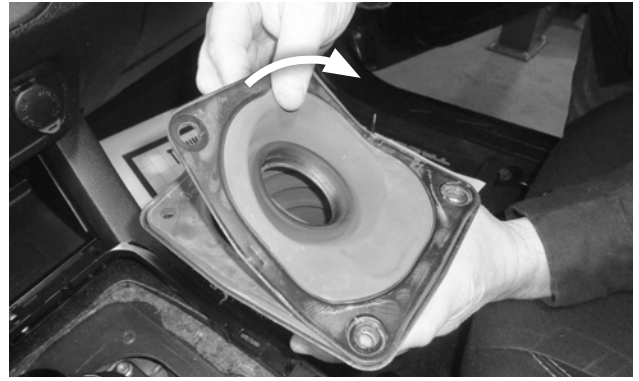
14. Install the shifter on the mount pad. First insert the pivot bushing into the shift linkage. Then align the 2 mount pad bushings.



15. Install the vent hose on the fitting on the front of the shifter.



16. Re-install the stock shifter screws, and tighten to 13 ft-lbs torque.



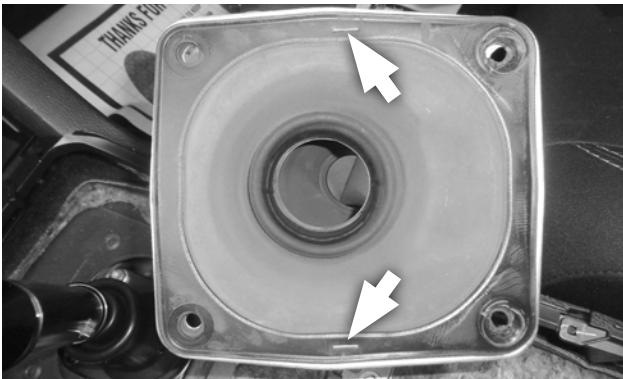
19. Carefully peel the lower dust boot off of the cover plate assembly.



17. Remove the knob from the shifter and set it aside.



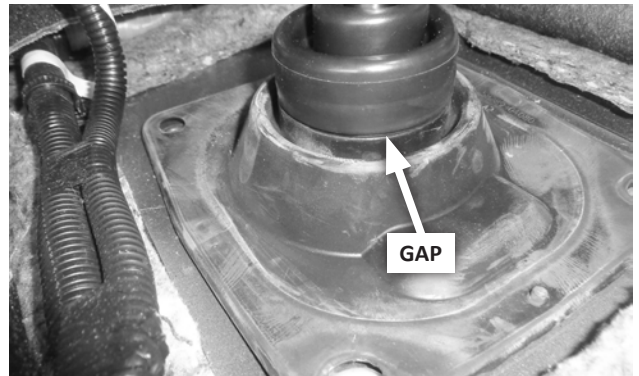
20. Install the lower dust boot over the shift lever, and work it down over the rubber boot on the shifter.



18. On the cover plate assembly, remove the 2 staples that hold the upper and lower dust boots together.

NOTES:

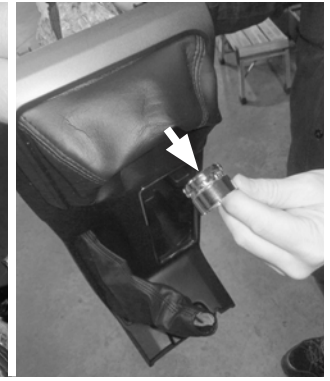
- Do not dislodge the boot on the shifter from its groove. Soapy water will help ease installation.



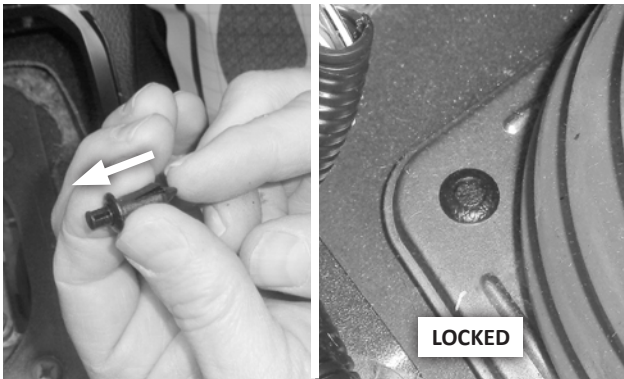
- The top edge of the lower dust boot will sit just below the bottom edge of shifter boot. (There will be a slight gap between them.)



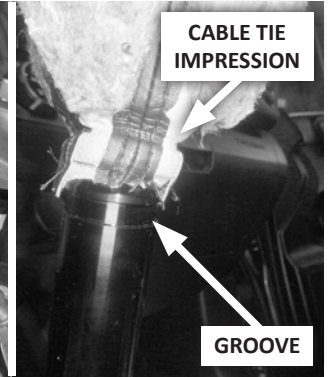
21. Lower the rest of the cover plate assembly over the shift lever, carefully working the boot's opening around the screw heads on the lever.



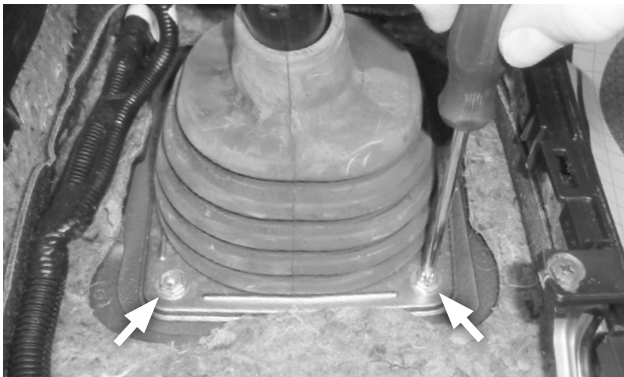
24. On the upper console panel, turn the leather boot inside-out, cut the cable tie, and remove the chrome trim ring.



22. Re-set the plungers on the 2 push-lock fasteners by pushing them up from the bottom end. Then insert the fasteners in their holes and lock them by pushing the plungers down flush.



25. With the leather boot still turned inside-out, work its opening down over the shift lever until the impression from the old cable tie is located over the groove on the lever.



23. Re-install the 2 cover plate screws.



26. Secure the boot to the lever with the new cable tie, locating the buckle at the flat at the rear of the groove. Tighten the cable tie, and cut off the tail.



27. Move the shift lever into **THIRD** gear (for clearance), then lower the upper console over the parking brake handle.



30. Run the jam nut all the way down the threads, then install the shift knob.



28. Work the leather boot down over the parking brake lever, working its elastic opening into the groove on the lever.



31. Turn the knob all the way down until it touches the nut. Then back it off to align it as desired, and tighten the jam nut.



29. Press the upper console back into place on the console base. Be sure that all console edges are flush with the base.



Congratulations, your B&M Precision SportShifter™ is now installed and ready to enjoy!

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

B&M Performance maintains a highly-trained technical service department to answer your technical questions, provide additional product information and offer various recommendations.

