



## Installation Instructions PRECISION SPORT SHIFTER

Fits: 1999-2004 Jeep Wrangler  
w/NV3550 Manual Transmission  
Catalog # 45048

**WORK SAFELY!** For maximum safety, perform this installation on a clean, level surface and with the engine turned off. Place blocks or wedges in front of and behind both rear wheels to prevent movement in either direction.

**CAUTION:** To avoid any possibility of bodily injury or damage to vehicle, do not attempt installation until you are confident that the vehicle is safely secured and will not move.

This B&M Precision Sport Shifter has been designed to work on most 1999-2004 JEEP Wrangler (4.0L I6) model vehicles equipped with the NV 3550 manual transmission. It has been engineered to greatly reduce shift throw and improve shifter feel. Check the parts list and tool lists at the beginning of these instructions for the supplied parts and the tools required to install your B&M Precision Sport Shifter. Installation of the B&M Precision Sport Shifter can be accomplished by anyone with minimal mechanical experience.

### TOOLS



Drive



Extension



Socket (8mm, 10mm, 9/16)



Screwdriver (flat)



RTV Silicone

### DISASSEMBLY

1. Remove stock shift knob insert.

Tools: Screwdriver (flat)



2. Remove stock shift knob jam nut.

Tools: Drive, extension, 9/16 socket



3. Remove stock shift knob.



4. Remove shift boot.



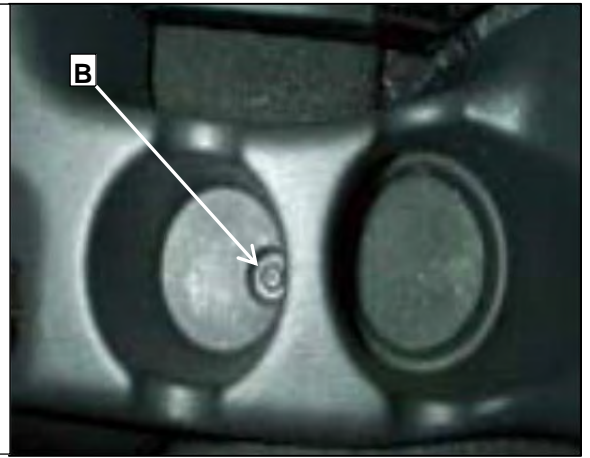
5. Remove center console bolt a near shifter.

Tools: Drive, extension, 10mm socket



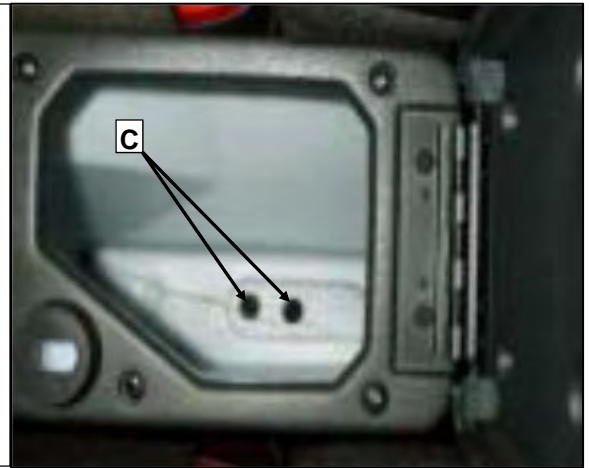
6. Remove center console bolt "B" in cup holder.

Tools: Drive, extension, 10mm socket.



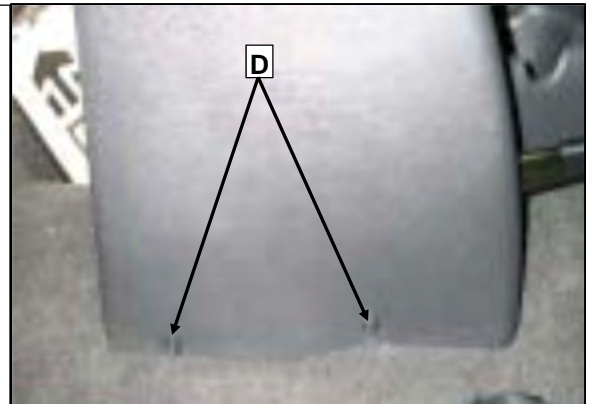
7. Remove center console bolts from storage console "C".

Tools: Drive, extension, 10mm socket



8. Remove bolts on passenger side of center console "D".

Tools: Drive, extension, and 10mm socket



9. Remove center console.



10. Remove inner shift boot.

Tools: Drive, extension, and 8mm socket



11. Remove 4-wheel drive shift base.

Tools: Drive, extension, and 10mm socket



12. Remove floor plate.

Tools: Drive, extension, and 8mm socket



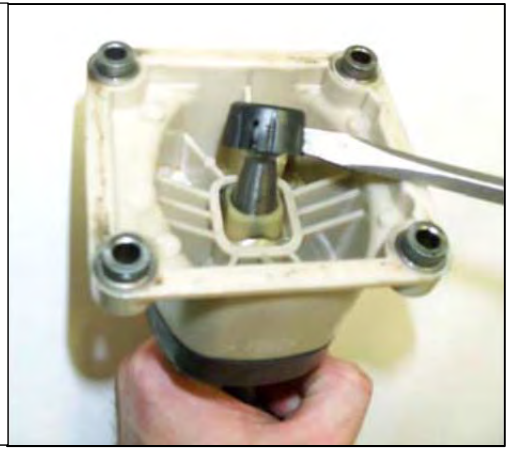
13. Remove stock shifter.

Tools: Drive, extension, 8mm socket



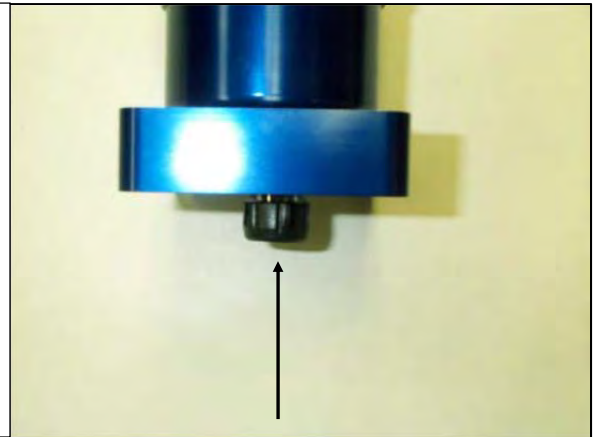
14. Pry pivot cup from stock shifter.

Tool: Screwdriver (flat)



## ASSEMBLY

15. Press pivot cup onto B&M Shifter.



16. Apply bead of silicone around perimeter of base.

Tool: RTV Silicone



17. Install B&M Shifter.

Tools: Drive, extension, 8mm socket



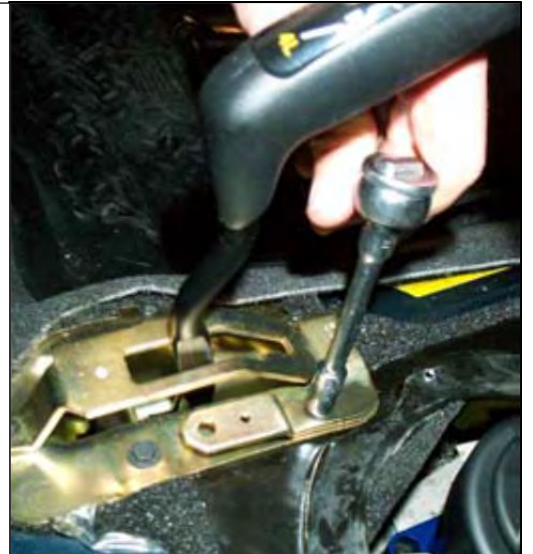
18. Reinstall floor plate.

Tools: Drive, extension, 10mm socket



19. Reinstall 4-wheel drive shift base.

Tools: Drive, extension, 10mm socket



20. Reinstall inner shift boot.

Tools: Drive, extension, 8mm socket

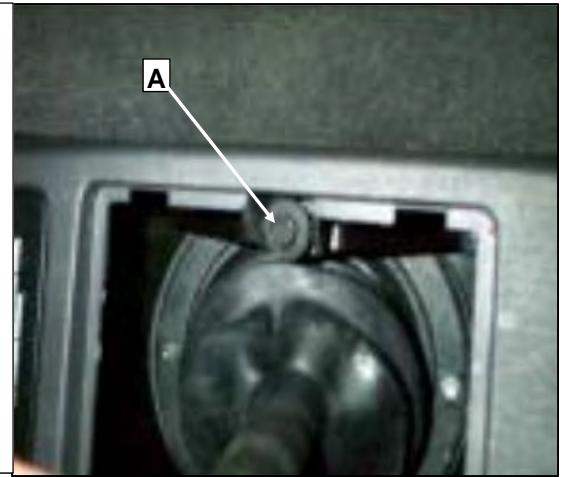


21. Reinstall center console.



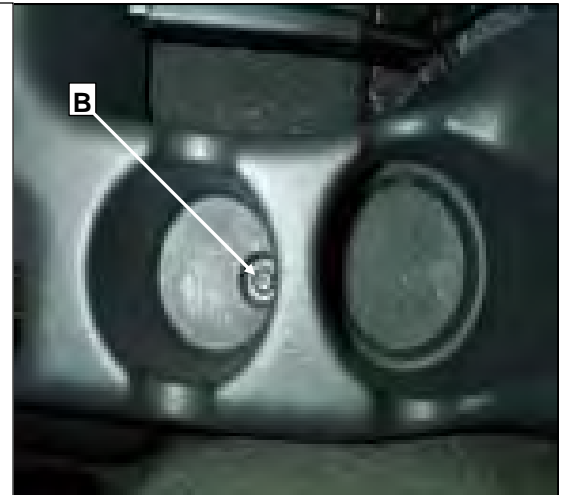
22. Install center console bolt "A" near shifter.

Tool: Drive, extension, 10mm socket



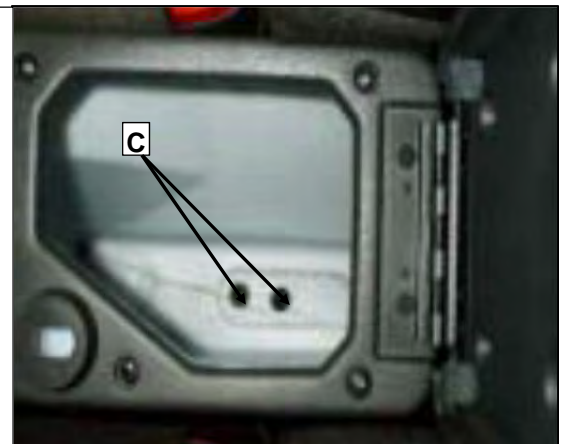
23. Install center console bolt "B" in cup holder.

Tool: Drive, extension, 10mm socket.



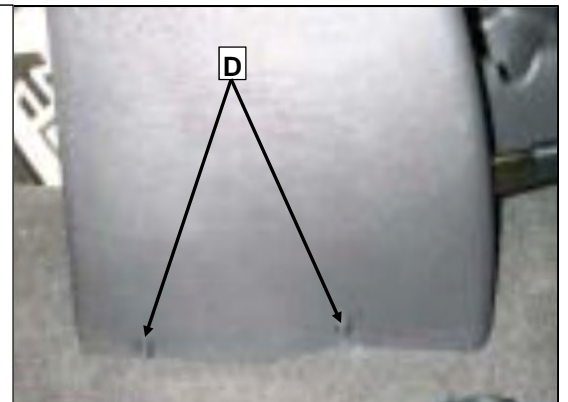
24. Install center console bolts from storage console "C".

Tool: Drive, extension, 10mm socket



25. Install bolts on passenger side of center console "D".

Tools: Drive, extension, 10mm socket



26. Reinstall shift boot.



27. Install shift knob.



28. Install shift knob jam nut.

Tools: Drive, extension, 9/16 socket.



29. Press insert into knob. Test the movement of shifter into all gears. Be sure all the parts have been securely tightened and shifter engages into each gear.

DO NOT operate vehicle until all gears can be smoothly and fully engaged. ENJOY!





**IMPORTANT: RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE**

**Technical Service**

A highly trained technical service department is maintained by Hurst Performance to answer your technical questions, provide additional product information and offer various recommendations.

Technical service calls, correspondence, and warranty questions should be directed to:



**B&M Racing & Performance Products**

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