



## Installation Instructions PRECISION SPORT SHIFTER

Fits: 1990-1998 Jeep Wrangler  
w/AX15 Manual Transmission  
Catalog # 45059

**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 Short Throw Shifter has been designed to work on most 1990-1998 JEEP Wrangler (4.0L I6) models equipped with an AX15 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 Short Throw Shifter. Installation of the B&M Short Throw Shifter can be accomplished by anyone with minimal mechanical experience.

### TOOLS



Drive



Extension



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



Screwdriver (flat)

### DISASSEMBLY

1. Remove stock shift knob insert.

Tool: Screwdriver (flat)



2. Remove stock shift knob jam nut.

Tools: Drive, extension, 15mm socket



3. Remove stock shift knob.



4. Remove shift boot.



5. Remove center console bolt near shifter.

Tools: Drive, extension, 10mm socket



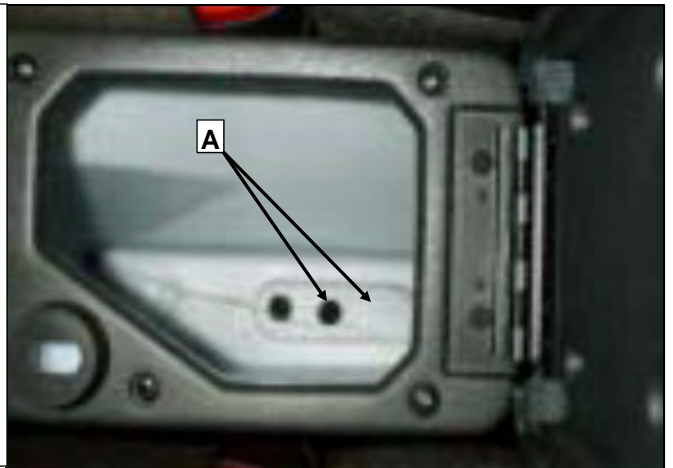
6. Remove center console bolt in cup holder.

Tools: Drive, extension, 10mm socket.



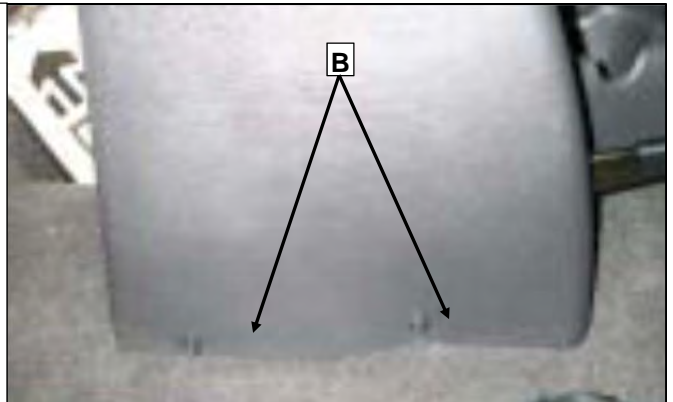
7. Remove center console bolts from storage console "A".

Tools: Drive, extension, 10mm socket



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

Tools: Drive, extension, and 10mm socket



9. Pull up 4-wheel drive shift lever.



10. Remove center console.



11. Remove bolts securing rubber protective boot.

Tools: Drive, extension, 7mm socket



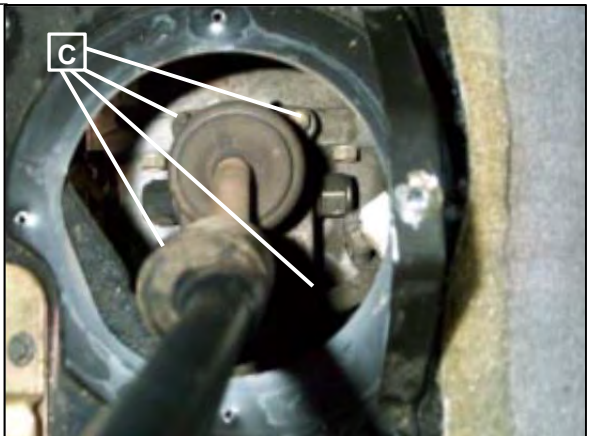
12. Remove rubber protective boot.

Tools: Screwdriver (flat)



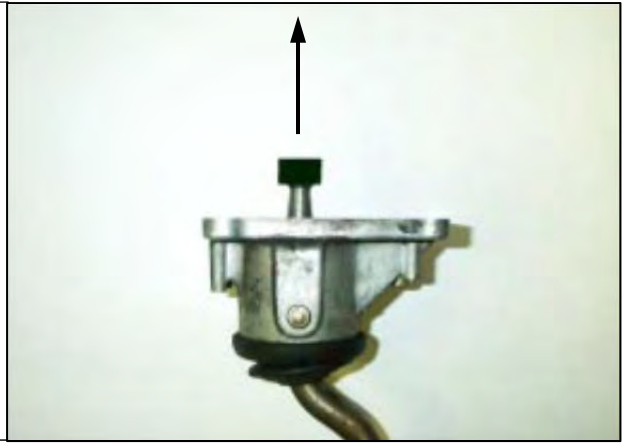
13. Remove bolts "C" securing the shifter to the transmission.

Tools: Drive, extension, 12mm deep socket



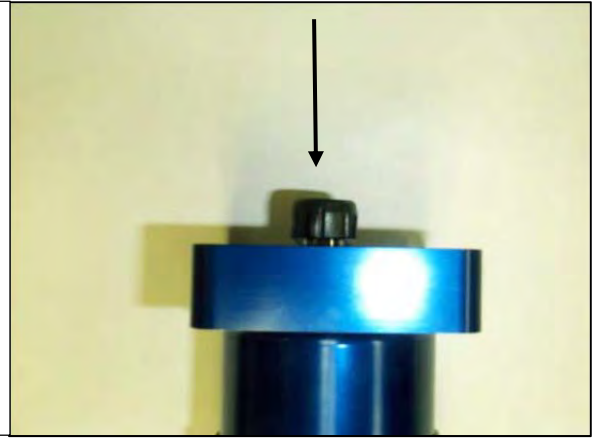
14. Pry pivot cup from stock shifter.

Tool: Screwdriver (flat)



## ASSEMBLY

15. Press pivot cup onto the B&M Shifter.



16. Install Rubber boot and ring on shifter base.



17. Either reuse stock gasket or apply RTV silicone sealant to shifter base.



18. Install the B&M Short Throw Shifter.

Tools: Drive, extension, 12mm deep socket.



19. Reinstall rubber protective boot.



20. Reinstall inner shift boot.

Tools: Drive, extension, 8mm socket



21. Reinstall center console.



22. Install the center console bolt near the shifter.

Tool: Drive, extension, 10mm socket



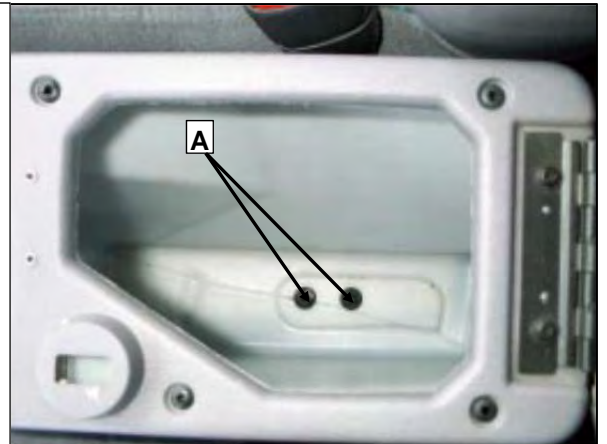
23. Install the center console bolt in the cup holder.

Tool: Drive, extension, 10mm socket.



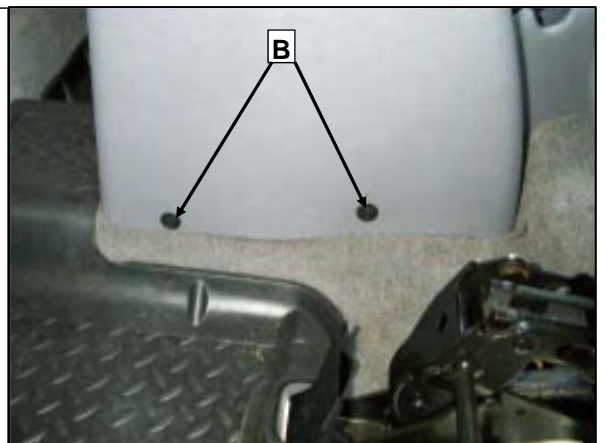
24. Install center console bolts from storage console "A".

Tool: Drive, extension, 10mm socket



25. Install the bolts on the passenger side of center console "B".

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:



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