

Installation Instructions

Precision Sport Shifter

Hyundai Accent

(Applicable beginning with 2007 model year)

PART #45227

This **Hyundai Precision Sport Shifter** has been designed to work on Hyundai Accent models beginning with the 2007 model year and equipped with a manual transmission. It has been engineered to reduce shift throw and improve shifter feel. Check the parts list and tools list at the beginning of these instructions for the supplied parts and the tools required to install your **Hyundai Precision Sport Shifter**. Installation of the **Hyundai Precision Sport Shifter** requires some mechanical experience.

INTRODUCTION

The **Hyundai Precision Sport Shifter** can be installed in about an hour by carefully following the instructions. Read all instructions first to familiarize yourself with the parts, tools, and procedures. This kit contains all the parts necessary to install the shifter.

PARTS

B&M Precision Sport Shifter



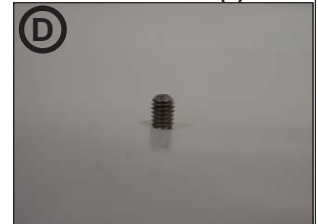
Pivot



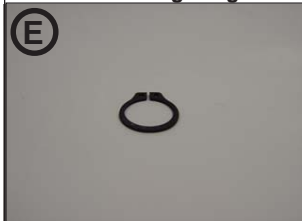
Bushings (4)



Set Screw (2)



Retaining Ring



Push Nut



Neoprene Washer



Loctite



Grease



TOOLS

Socket Drive



Extension



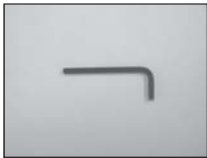
10mm & 12mm Socket



Rotary Tool w/ Cut-off Wheel



Hex Key (3 mm)



Snap Ring Pliers



Screwdriver (Flat Blade)



Trim Panel Removal Tool



Pliers



Safety Glasses



DISASSEMBLY

STEP 1. Unscrew knob and remove spring. Unsnap shift boot from neck of shifter.



STEP 2. Lift up small carpet piece in rear of console. Remove bolt holding console to the car.

TOOLS: Socket drive
Extension
10mm socket

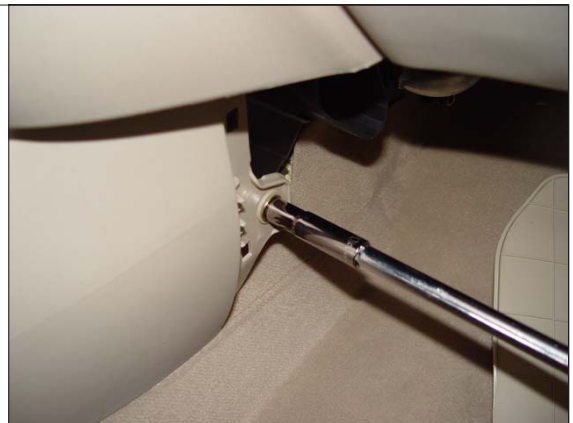


STEP 3. Unclip (2) side panels from the front of the console.



STEP 4. Remove (2) bolts securing console to center dash.

TOOLS: Socket drive
Extension
10mm socket



STEP 5. Remove cigarette lighter/12V accessory panel and unclip wiring harness from terminals. Tabs on harness connections must be pressed to release grasp on electrical terminals.

TOOL: Trim Panel Removal Tool



STEP 6. Unclip trim piece near parking brake.

TOOL: Trim Panel Removal Tool

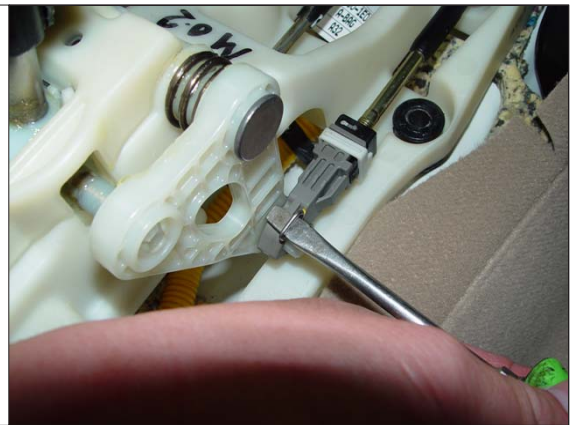


STEP 7. Remove console from car.

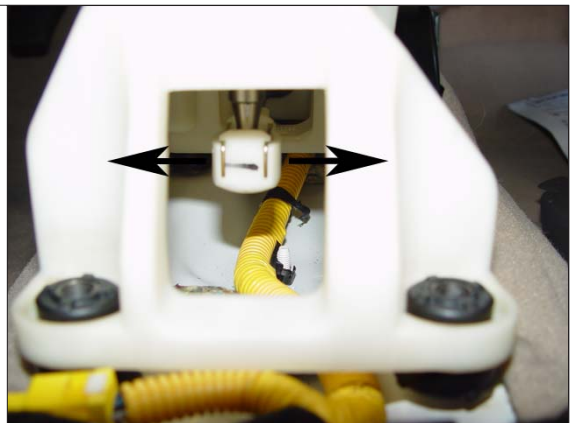


STEP 8. Remove clip holding cable to shifter and slide cable off of pin.

TOOL: Trim Panel Removal Tool

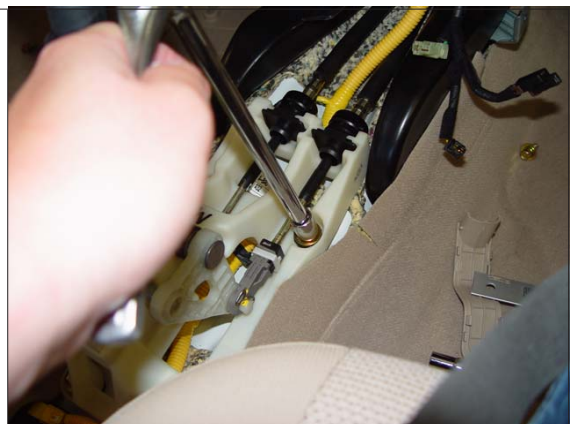


STEP 9. Unclip ball-joint attachment on lower cable by spreading spring retainer.



STEP 10. Unscrew (4) bolts from shifter base.

TOOLS: Socket drive
Extension
12mm socket



STEP 11. Gently pry edges of shifter retainers to allow removal from shifter base.

TOOL: Screwdriver



STEP 12. Remove shifter base from car.



STEP 13. Slide out metal inserts from base bushings and remove rubber bushing. Repeat for all 4 corners.

TOOL: Screwdriver



STEP 14. Carefully cut off push-nut.

TOOLS: Safety Glasses
Rotary-tool w/ cut-off wheel

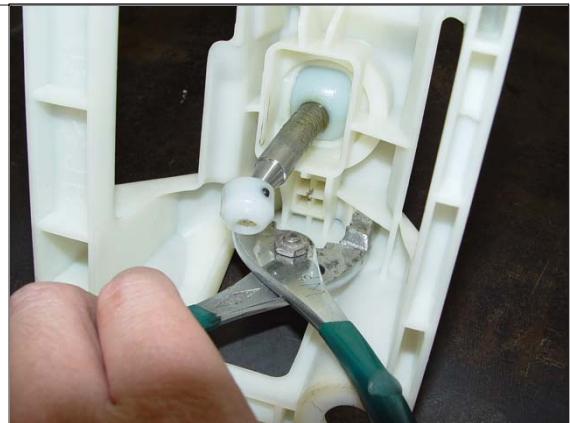


STEP 15. Remove side arm assembly and spring from shifter base. Note orientation of spring.



STEP 16. Squeeze locking tabs of shifter collar towards the center of the base. NOTE: It may be helpful to use a wide-blade screwdriver to pry tabs inward. Use caution not to excessively damage tabs.

TOOLS: Pliers
Wide-blade screwdriver



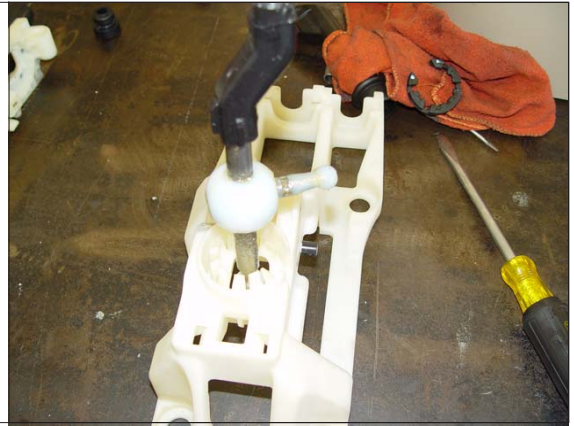
STEP 17. Remove shifter collar.



STEP 18. Remove rubber retaining ring.



STEP 19. Remove stick from base.



STEP 20. Gently remove pivot cup from bottom of stick.
For extra protection, use a towel between the jaws of the pliers.

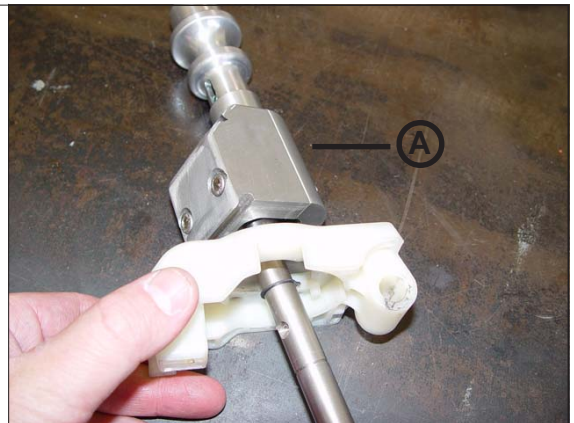
NOTE: If damage should occur, please consult
your local Hyundai dealer for replacement part.

TOOL: Pliers

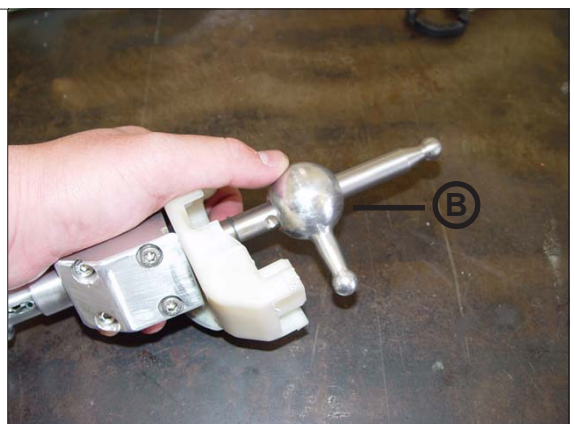


ASSEMBLY

STEP 21. Slide shifter collar onto Hyundai Precision Sport Shifter.



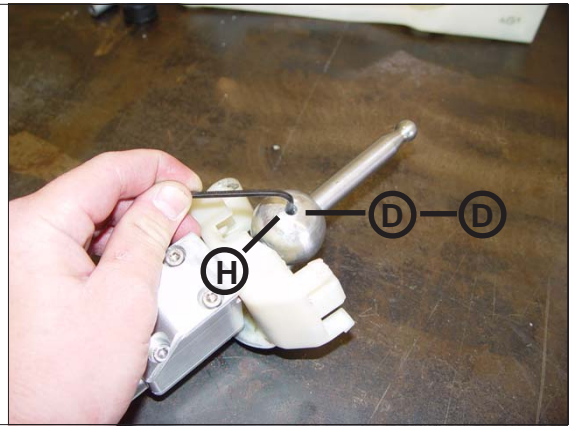
STEP 22. Slide pivot onto shifter until it seats on retaining ring lining up the threaded hole in the pivot with the indented hole on the stick.



STEP 23. Secure pivot using included set screws.
Tighten the first set screw until snug and
follow it with the second set screw.

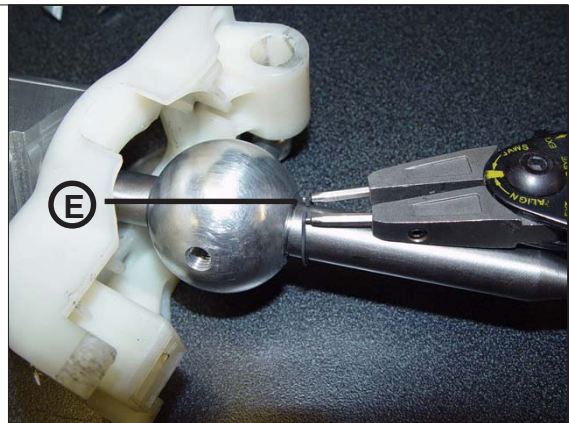
NOTE: Use Loctite on each set screw.

TOOLS: Hex wrench (3mm)
Loctite



STEP 24. Install snap-ring below pivot.

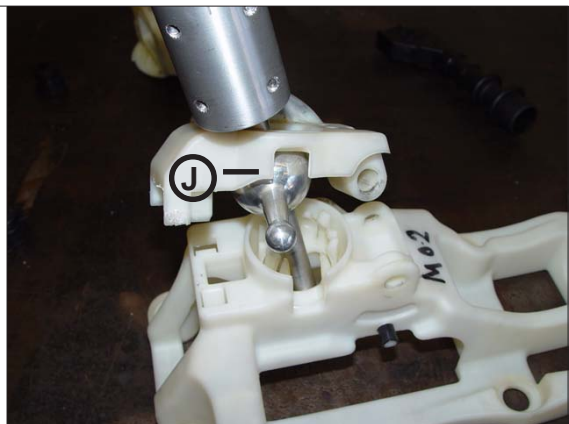
TOOLS: Safety glasses
Snap ring pliers



STEP 25. Grease bottom of stick, then install ball joint cup.



STEP 26. Grease pivot ball. Push shifter assembly
into base ensuring pivot ball seats
completely into base.



STEP 27. Replace rubber retaining ring and snap collar into place.

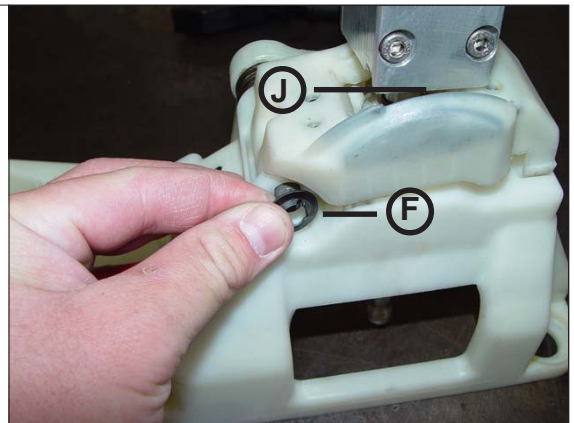


STEP 28. Align spring on shifter arm as shown and reinsert into shifter base. There should be some tension in the spring when assembling.

NOTE: Pegs on the shifter arm and base should sit between the spring when assembled.



STEP 29. Secure assembly with included push nut. Grease reverse lockout rail.



STEP 30. Place shifter base into position in car.

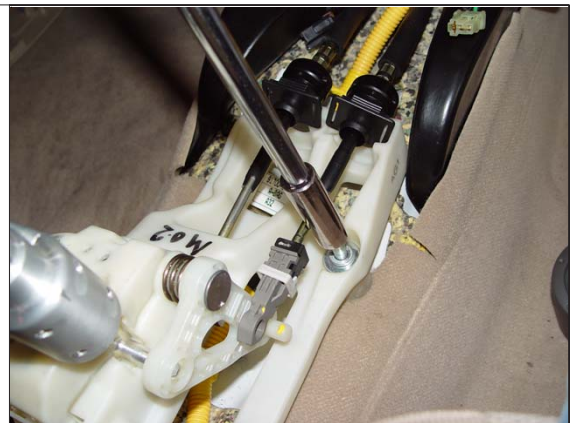


STEP 31. Place bushings under shifter base at each corner.



STEP 32. Secure base to car using original bolts and snap cables into place.

TOOLS: Socket drive
Extension
12 mm socket

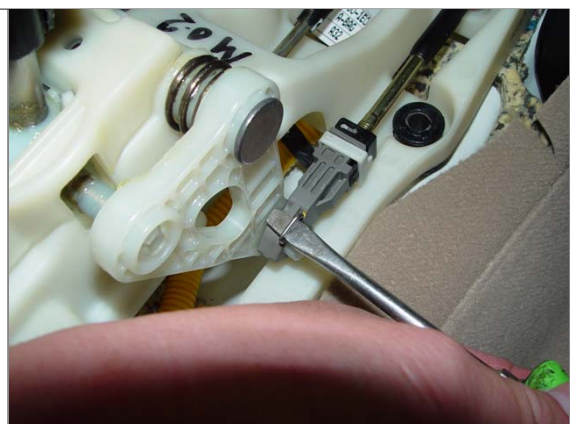


STEP 33. Place neoprene washer in reverse lockout and replace spring. Screw knob onto shifter. Check to make sure that the shifter engages each gear. If yes, proceed to Step 38.



STEP 34. REQUIRED ONLY IF GEARS CANNOT BE SELECTED!!!

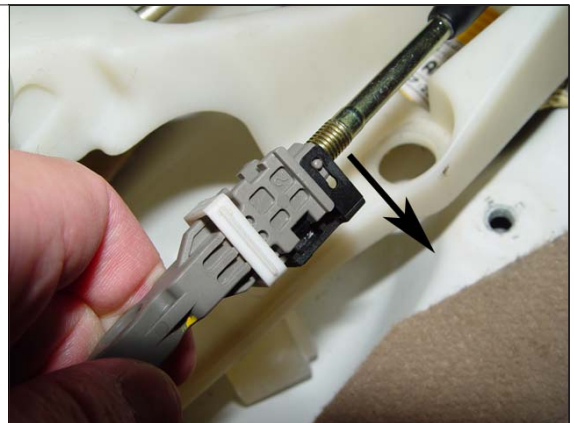
Remove securing clip on shifter arm and remove cable.



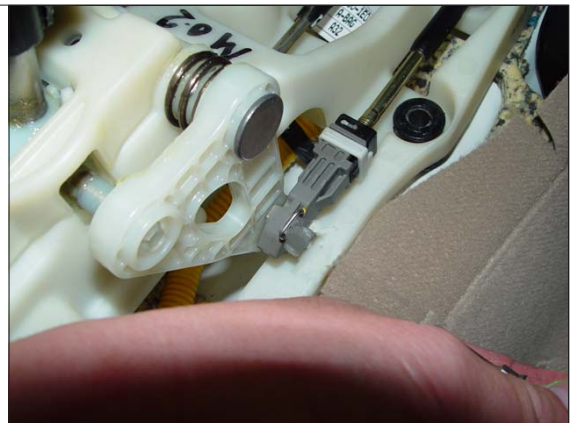
STEP 35. Slide white retainer clip towards rear of car.



STEP 36. Push black retainer down, away from cable.
Slide cable end approximately 1 thread length toward the front of the car and secure black clip.



STEP 37. Reconnect cable to shifter arm and ensure shifter engages through all gears smoothly.
Repeat steps 35 & 36 as necessary and secure white retainer clip once complete.



STEP 38. Reposition console in car.



STEP 39. Reconnect (3) wiring harnesses behind front of console



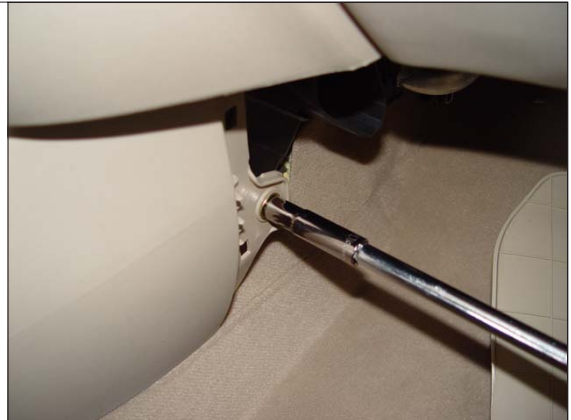
STEP 40. Replace rear bolt holding console to car.

TOOLS: Socket Drive
Extension
10mm Socket



STEP 41. Replace (2) front bolts holding console to center dash.

TOOLS: Socket Drive
Extension
10mm Socket



STEP 42. Replace parking brake trim piece.



STEP 43. Replace front trim panels to dashboard.



STEP 44. Zip boot around neck of shifter and snap to secure. Screw on knob to top of stick.



STEP 45. Ensure engagement of all gears before starting car.



STEP 46. Enjoy!

