

STEP 8. Remove selector shaft from case.



STEP 9. Slide B&M Selector Shaft into case. Engage B&M Shaft with inner shift lever and install nut. Use B&M Selector Lever to visualize position of selector shaft. When inner shift lever is in the park position, the selector lever should be pointed downwards and to the left. (Refer to picture on the right.)



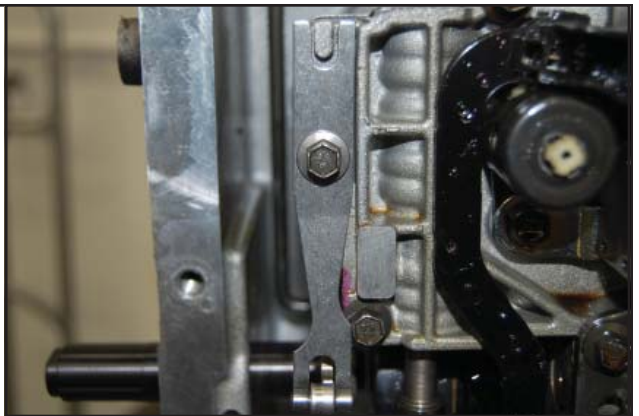
STEP 10. Install Selector Lever Retaining Pin.

TOOL: Plastic Mallet

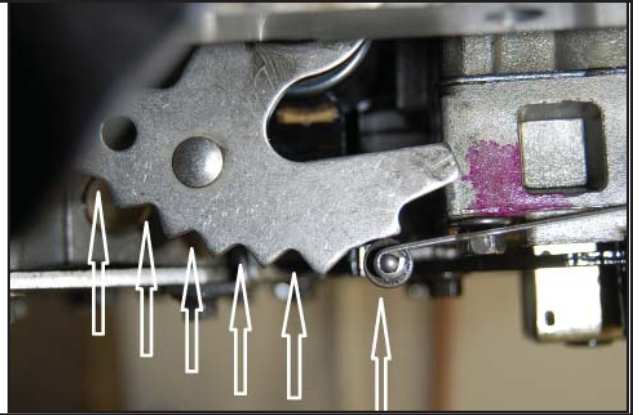
* DO NOT HAMMER PIN ALL THE WAY INTO THE CASE!
Pin should stick out from case approximately 1/4" for future removal.



STEP 11. Install Detent Spring.



STEP 12. Verify inner shift lever moves through every position.



STEP 13. Replace the oil filter. We recommend that you use a new filter unless the vehicle has very low mileage. Replace the oil pan gasket with a new gasket. Replace the original bolts except for the two that secure the cable bracket. The cable bracket is installed with the supplied bolts with spacers between the bracket and the pan. Tighten the oil pan bolts to 12-16 ft-lbs.

TOOLS: Torque Wrench, Drive, Extension, & sockets (10 & 13mm).



STEP 14. With selector shaft in neutral position, Install Neutral Position Sensor. (NOTE: replace Neutral Position Sensor in same orientation as found before removal). Align sensor to neutral position before tightening two (2) 8mm bolts.

* Use selector lever to rotate Selector Shaft to neutral position.



STEP 15. Secure B&M Selector Lever onto B&M Selector Shaft with M10 bolt and M10 washer.

TOOL: Wrench (17mm).



STEP 16. Fill transmission with proper amount of transmission fluid.



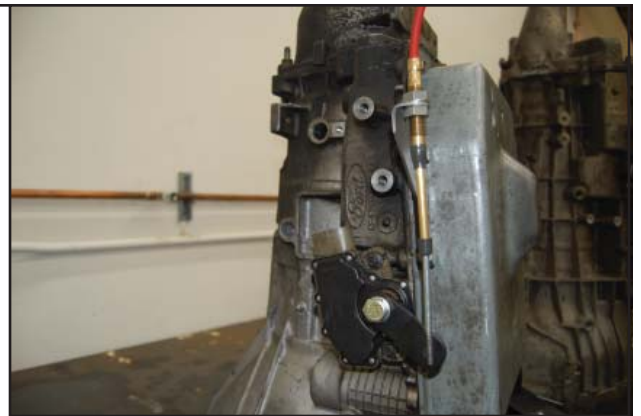
STEP 17. Remove two rubber boots, one large nut, and a large lockwasher from threaded end of shifter cable.



STEP 18. Route the cable from the shifter to the transmission as explained in the shifter installation instructions. Avoid sharp bends and route the cable away from the hot engine exhaust parts. Cable may be secured up and out of the way with nylon cable ties.



STEP 19. Slide end of cable into cable bracket, install lockwasher and large nut over end of cable. Tighten both large nuts to hold cable in this position. Install two rubber boots onto end of cable.



STEP 20. Move the transmission selector lever all of the way forward to the park position. Then move the lever rearward two positions to the neutral position. Install the swivel on to end of cable and adjust until the small end of swivel slides freely in and out of the selector lever. Move the shifter through all of the gear positions and check that the swivel slips freely in and out of the selector lever in each gear position. Note: Swivel may have to be adjusted one turn in either direction. Install cotter pin into swivel and spread key ends.



STEP 21. Start the engine and shift the transmission through all of the gear positions and then to neutral. Check the transmission fluid level, and add more fluid if necessary to bring it up to the proper level. Be sure that the shifter operates smoothly and that the transmission shifts to the correct gear.



STEP 22. INSTALL COMPLETE! ENJOY!