

PERRIN

Evo 8/9 5spd Adjustable Short Shifter

07232008

Thank you for purchasing the PERRIN adjustable short shifter for the Lancer Evolution 8/9. Persons experienced in the proper operation and modification of Mitsubishi vehicles should only perform installation of this kit.

SPECIAL NOTES:

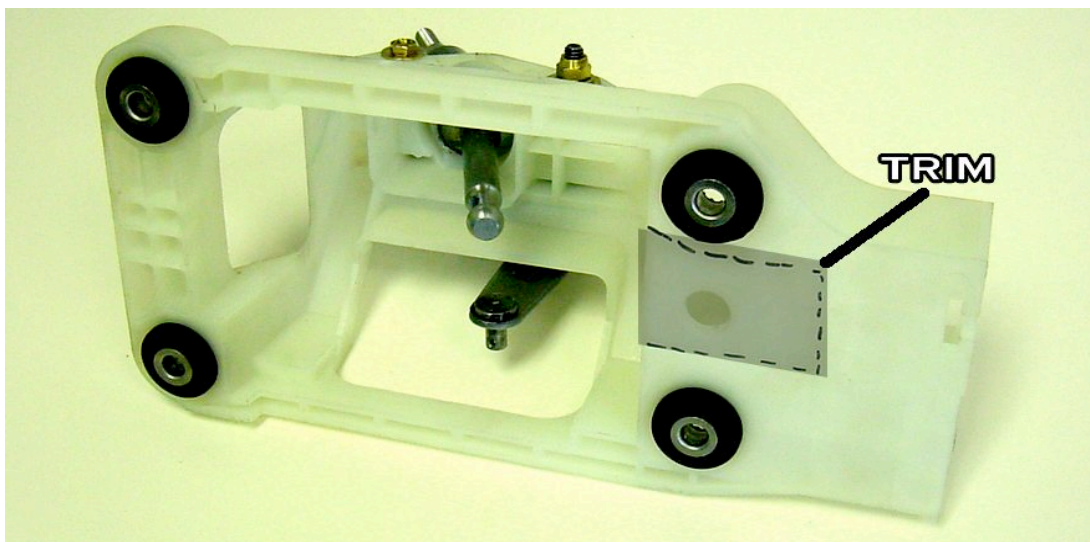
- The use of a factory service manual is highly recommended. These can be purchased or downloaded online at <http://www.mitsubishitechinfo.com>
- It is critical that all bolts and nuts are tightened, improper tightening can cause serious injury or death.
- The short shifter is adjustable in both knob placement and throw. Detailed instructions are below.

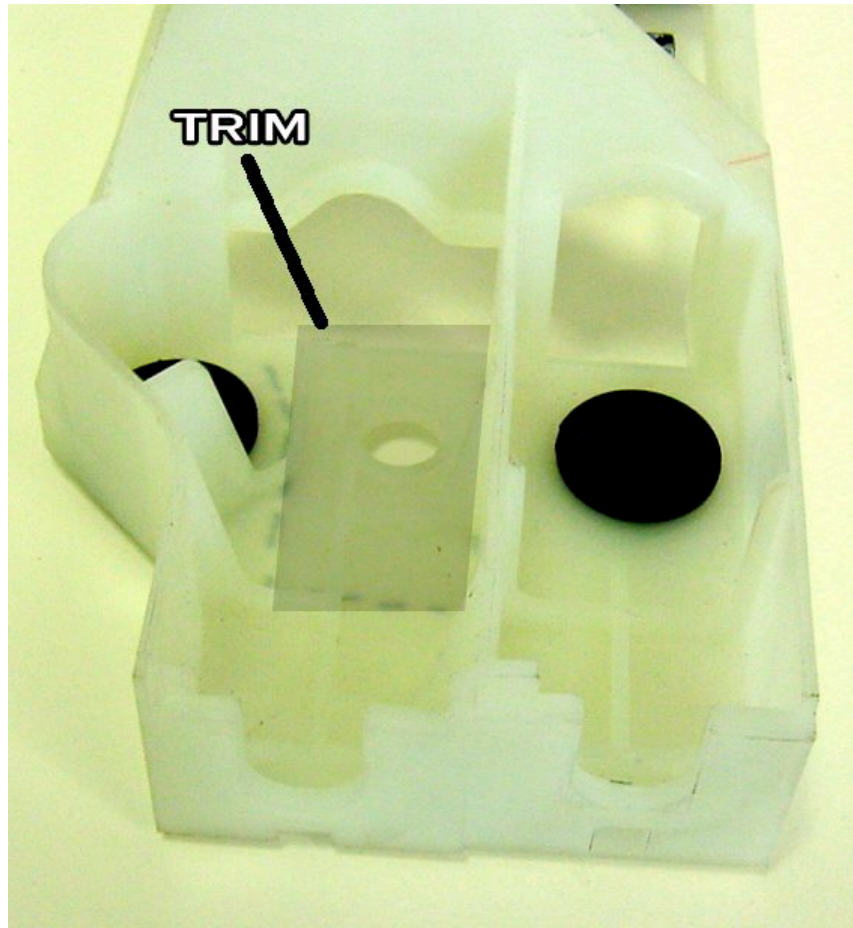
Parts Included with the PERRIN EVO SS:

- (1) PERRIN EVO SS for 5sp
- (2) EVO spacers
- (2) M8x40mm grade 10.9 hex head bolt
- (3) 6-32x 3/16" socket set screw
- (1) 3/32 allen wrench
- (2) zipties

Checked By _____

- 1) Apply parking brake, and disconnect battery.
- 2) Remove shift knob.
- 3) Remove center console:
 - (2) Screws under ashtray
 - (2) Screws inside console storage box. (Storage box then pulls up and out.)
 - (2) Screws at rear of front console
 - (2) Covers at both sides of forward portion of console. Then remove the screw revealed under each cover. Lift and remove console.
- 4) Remove (4) 12mm bolts securing shift box to the body.
- 5) Remove cir-clip that retains shift cable to the shift linkage arm.
- 6) Remove clip that secures cable to bottom of shift rod under shifter box.
- 7) Release two clips securing shift cables. Pull straight up to release them.
- 8) Remove shifter box and place on workbench.
- 9) Removing shifter from shifter box:
 - Remove pivot from shift box. Use 8mm Allen wrench and 12mm combination wrench. Note order of washers under pivot. These will need to be reinstalled in the same order.
 - Remove rear bolt retaining shift rod into box.
 - Remove (2) white plastic bushings from pivot ends. Note: These will be reused.
- 10) Removing plastic retaining bracket from stock shifter (place shifter in vise and choose one of the following):
 - Cut stock shifter rod in half
 - Cut the weight of stock shifter
- 11) Using commercial press, press ball from shaft.
- 12) Preparing stock shift box for new shifter:
 - Trim plastic off of shifter box.





- 13) Prepare new shifter for installation:
 - Re-install white plastic bushings over pivots ends on shifter
 - Place plastic retaining bracket from stock shifter over new shifter.
- 14) Install new shifter in opposite order of factory removal. Please note the following:
 - Use supplied spacers under the back 2 mounting points of the shifter box. Use longer supplied bolts. Tighten to factory spec.
 - Use care to insure that all washers and clips are installed in the same order they were removed.
 - Use care to insure that cables do not bind after installation and that shifter springs into neutral position easily.
 - Do not install console until following step 14).
- 15) Adjusting the shifter:
 - Loosen the three Allen screws on center pivot.
 - Move center shaft to desired position. The groove closest to the top is the shortest throw and vice versa. Positioning is infinite and grooves are for reference only. Verify clearance from base of shifter to body in all gears prior to continuing.
 - Once desired position has been reached tighten setscrews. NOTE: Knob position is also adjustable. Rotate shaft to desired position prior to final tightening.
- 16) Re-install console in reverse order.

For questions & comments please contact

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