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**FIELD SERVICE CAMPAIGN – 17109**

11 April 2017

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**SUBJECT:**

Eaton® Transmission Programming

**MODELS INVOLVED:**

LT™ Series, LoneStar®, ProStar®

**DEFECT DESCRIPTION:**

The Eaton® Transmission on certain LT™ Series, ProStar® and LoneStar® models may have been programmed incorrectly during vehicle assembly.

**ELIGIBILITY:**

This procedure applies ONLY to vehicles marked in the International® Service Portal<sup>SM</sup> with FSC 17109. Also complete any other open campaigns listed on the Service Portal at this time.

**TOOLS REQUIRED:**

Description	Tool Number
Service Ranger 4	SR4-Pro

**Table 1** Tools Information

**PARTS REQUIRED:**

No parts are required for this procedure.

## WORK INSTRUCTIONS

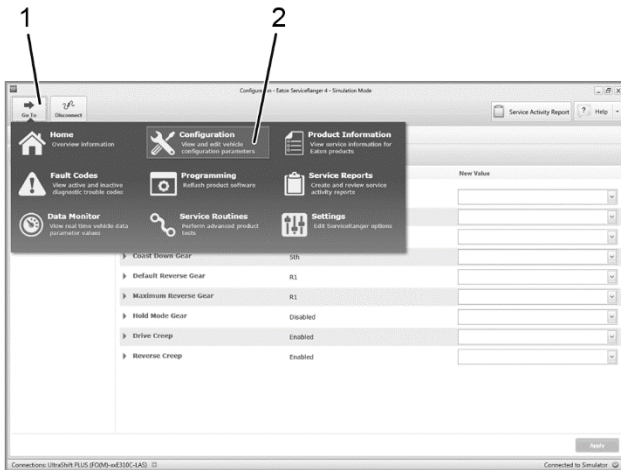
**GOVERNMENT REGULATION:** Engine fluid (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluid and other contaminated materials (such as filters and rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.

**WARNING!** To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

**WARNING!** To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

**WARNING!** To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn engine OFF.
4. Install wheel chocks.
5. Connect to vehicle using Service Ranger 4.
6. Turn key to ON position, it is not necessary to crank engine.

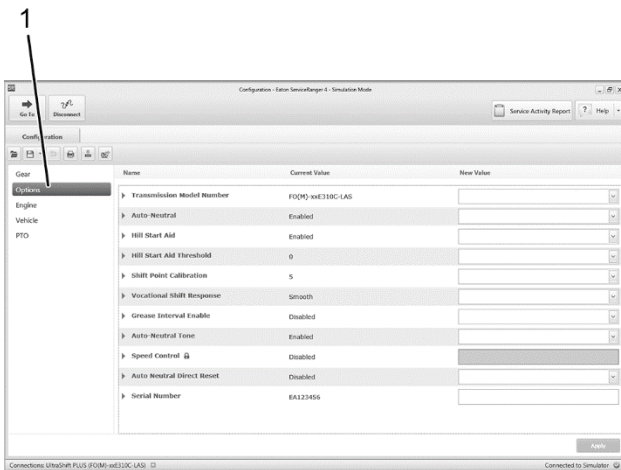


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**Figure 1. Eaton Service Ranger 4**

1. Go To tab
2. Configuration option

7. Click GO TO tab (Figure 1, Item 1) and select CONFIGURATION (Figure 1, Item 2) located on drop-down menu.

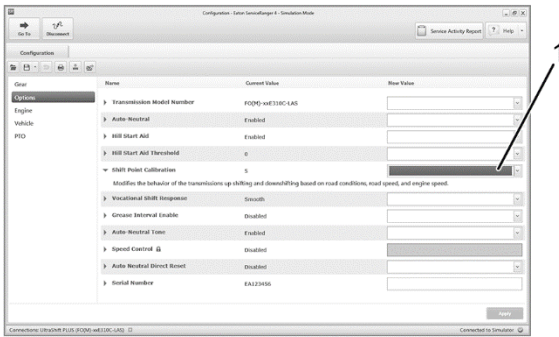


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**Figure 2. Configuration Tab**

1. Options menu option

8. Highlight OPTIONS (Figure 2, Item 1) in menu at left.



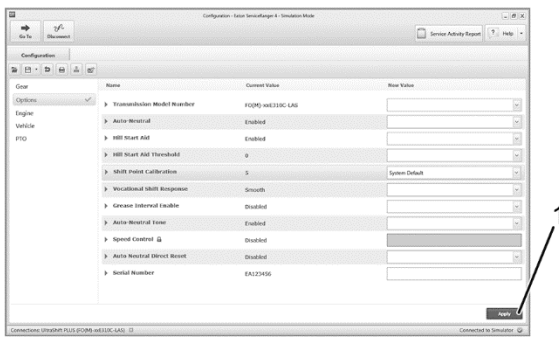
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**Figure 3. Shift Calibration Point**

1. Shift Point Calibration drop-down menu

**NOTE: Refer to Table 2 for updated value.**

9. Highlight SHIFT POINT CALIBRATION in programmable feature list and select desired updated value in drop-down menu (Figure 3, Item 1).

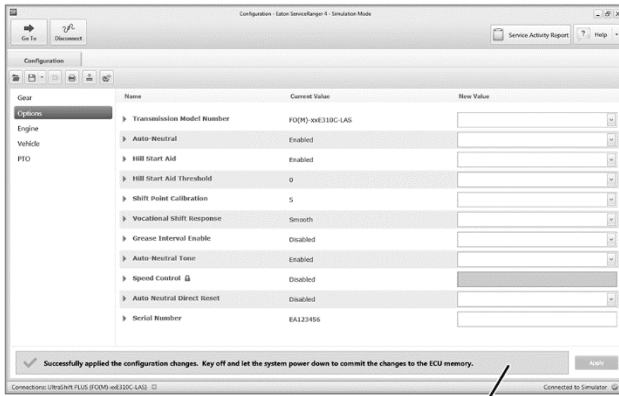


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**Figure 4. Apply**

1. Apply button

10. Select APPLY (Figure 4, Item 1).



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**Figure 5. Verify Calibration**

1. Verification pop-up

11. Look at verification pop-up (Figure 5, Item 1) to verify configuration change was applied.

12. Disconnect Service Ranger 4.

13. Remove wheel chocks.

**Shift Calibration Values**

VIN	Transmission Feature	Correct Shift Cal
3HSDJAPRXHN411926	0013GXX	5573260
3HSDJAPR1HN411927	0013GXX	5573260
3HSDJAPR4HN483978	0013GXX	5573260
3HSDJAPR0HN501926	0013GXX	5573260
3HSDZAPR1HN713811	0013GXX	5573260
3HSDZAPR3HN713812	0013GXX	5573260
3HSDZAPR7HN713814	0013GXX	5573260
3HSDJAPR2HN693592	0013GXX	5573260
3HSDJAPR0HN519827	0013GXA	5572923
3HSDJAPRXHN459913	0013GXJ	5573260
3HSDJAPR9HN570579	0013GXX	5573260
3HSDZAPR7HN505545	0013GXX	5573260
3HSDJAPR5HN518379	0013GXA	5572923

3HSDZAPR8HN503559	0013GVU	5572952
3HSDJAPR3HN506344	0013GXX	5573260
3HSDZAPR3JN737324	0013GXJ	5573260
3HSDZAPR7JN737326	0013GXJ	5573260
3HSDZAPR9JN737327	0013GXJ	5573260
3HSDZAPR0JN737328	0013GXJ	5573260
3HSDZAPR2JN737329	0013GXJ	5573260
3HSDZAPR9JN737330	0013GXJ	5573260
3HSDZAPRXJN484003	0013GXA	5572923
3HSDZAPR2JN516801	0013GXX	5573260
3HSDGAPN7HN146295	0013GXX	5573260
3HSDZAPR9JN514656	0013GXX	5573260
3HSDZAPR1JN523027	0013GXX	5573260
3HSDZAPR6JN570571	0013GXX	5573260
3HSDJAPR1HN504950	0013GXJ	5573260
3HSDZAPR6JN514677	0013GXX	5573260
3HSDZAPRXJN518733	0013GXX	5573260
3HSDZAPRXJN166804	0013GXX	5573260
3HSDZAPR7JN166808	0013GXX	5573260
3HSDZAPRXJN522846	0013GXX	5573260
3HSDZAPR0JN570565	0013GXX	5573260
3HSDZAPR0JN171638	0013GXX	5573260
3HSKZAPRXJN517217	0013GXX	5573260
3HSDZAPR3JN170368	0013GXX	5573260
3HSDZAPR3JN173626	0013GXX	5573260
3HSDZAPR5JN173627	0013GXX	5573260
3HSKZAPR4JN194301	0013GXX	5573260
3HSDZAPR7JN445630	0013GXX	5573260
3HSDZAPR7JN445899	0013GXX	5573260
3HSDZAPR1JN445901	0013GXX	5573260
3HSDZAPR8JN469290	0013GXX	5573260
3HSDZAPR9JN460016	0013GXX	5573260
3HSDZAPR5JN460238	0013GXX	5573260
3HSDZAPR9JN460145	0013GXX	5573260
3HSDZAPR4JN460148	0013GXX	5573260
3HSDZAPRXJN460154	0013GXX	5573260
3HSDZAPR0JN460244	0013GXX	5573260
3HSDZAPRXJN446402	0013GXX	5573260
3HSDZAPR9JN469461	0013GXX	5573260
3HSCXAPR1HN488338	0013GXX	5573260
3HSCXAPRXHN488483	0013GXX	5573260

3HSCXAPR1HN488484	0013GXX	5573260
3HSDZAPRXJN469470	0013GXX	5573260
3HSDZT7JN194306	0013GXW	5573246
3HSDZAPR3JN469522	0013GXX	5573260
3HSDZAPR8JN166834	0013GXX	5573260
3HSDJAPR9HN471356	0013GXX	5573260
3HSDJAPR1HN693843	0013GXX	5573260
3HSDJAPR3HN693956	0013GXX	5573260
3HSDZAPR3JN205328	0013GXX	5573260
3HSDYAPR6JN482915	0013GXX	5573260
3HSDJAPR5HN693960	0013GXX	5573260
3HSDZAPR7JN204604	0013GXX	5573260
3HSDZAPR2JN204607	0013GXX	5573260
3HSDZAPR9JN494425	0013GXX	5573260
3HSDZAPRXJN530171	0013GVU	5572952
3HSDZAPR9JN538715	0013GXX	5573260
3HSDZAPR3JN532747	0013GXX	5573260
3HSDJSNR0JN558433	0013GXW	5573246

**Table 2** Shift Calibration

## LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-17109-1	Program Eaton Transmission Calibration	0.5 hrs

**Table 3** Labor Information

## WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 17109.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for 17109 activity must be submitted by 11 April 2018 or within the normal warranty period for the component, if after 11 April 2018.

	GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number ←

NOUN — Leave blank ←

C (CAUSE) — Enter either 1, 2, 3. (See below)

1. Inspected (No repair required).
2. Inspected and repaired.
3. Defective part from parts stock.

WARRANTY — (Warranty Code) Enter 40. ←

TYPE PART — Enter P for type part causing failure. ←

PAD — Enter 100 ←

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