



FIELD SERVICE CAMPAIGN – 15107
21 May 2015

Subject:

Transmission Shifting Parameters

Models Involved:

PayStar[®], ProStar[®], TranStar[®], and WorkStar[®] vehicles equipped with 2015 N13 engines (0510AAA) and Eaton[®] Fuller[®] Ultrashift[®] Transmissions built between 20 January 2015 and 31 March 2015.

Defect Description:

Certain PayStar, ProStar, TranStar, and WorkStar vehicles equipped with 2015 N13 engines (0510AAA) and Eaton Fuller Ultrashift Transmissions, built between 20 January 2015 and 31 March 2015, may have a transmission controller programmed for speed controlled shifting where feature code and application code specifies torque control shifting programming.

Tools Required:

Description	Tool Number
Eaton [®] ServiceRanger [™] 4 Software	N/A

Table 1 Tools Information**Parts Required:**

No parts are required for this procedure.

Work Instructions

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. Park vehicle on a flat surface with wheels straight ahead.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn off engine.
4. Install wheel chocks.

NOTE: This procedure will require phone access to the Road Ranger Call Center, 800-826-HELP (4357) while connected to the vehicle.

5. Using a computer and Eaton ServiceRanger 4 software:
 - Access vehicle J1939 CAN Bus (CAN B) Datalink Connector and connect to vehicle using appropriate interface cable.
 - Turn key to ON position. It is not necessary to crank engine.
 - Establish a secure internet connection.
 - Open ServiceRanger 4 software and ensure connection to vehicle's public J1939 CAN Bus network is present.



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Figure 1. ServiceRanger 4 - Configuration.

1. GO TO
2. CONFIGURATION

6. Select GO TO tab (Figure 1, Item 1).

7. Select CONFIGURATION (Figure 1, Item 2).

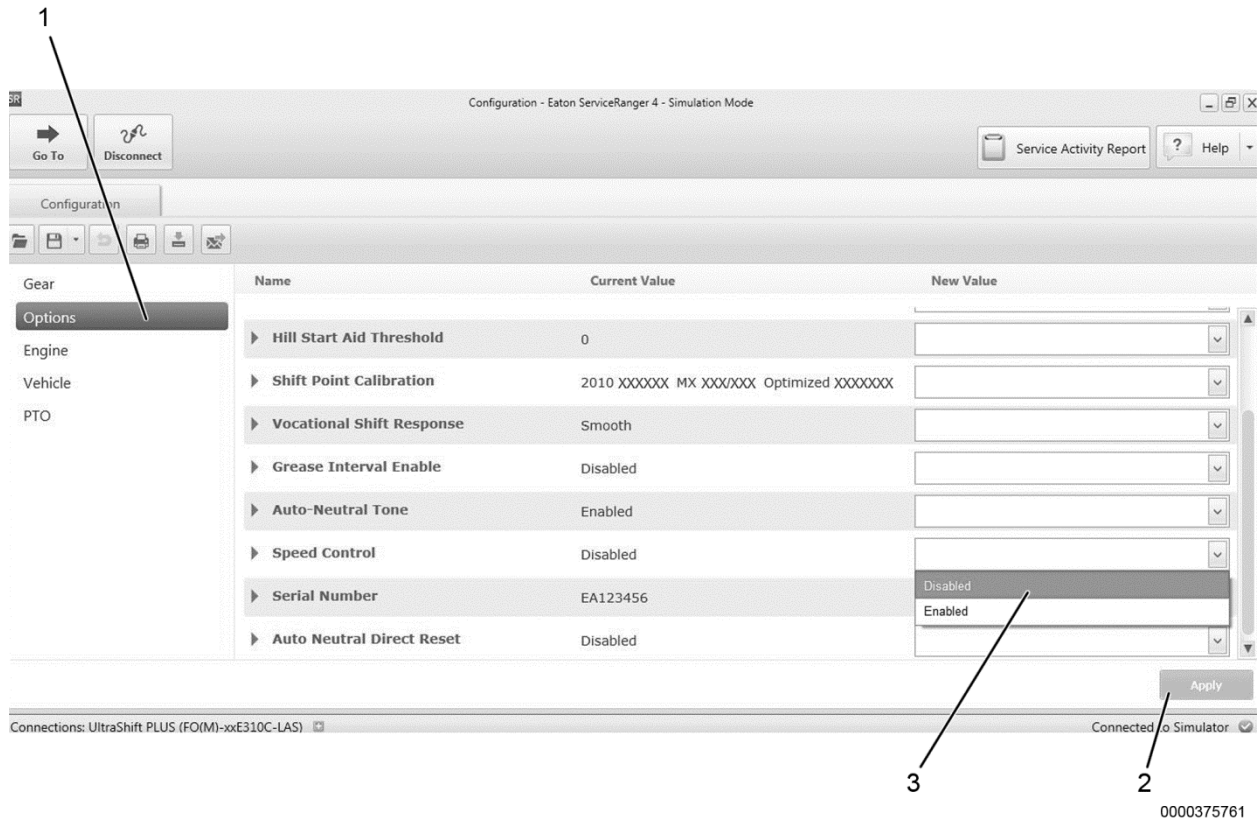


Figure 2. ServiceRanger 4 - Options.

1. OPTIONS
2. APPLY
3. SPEED CONTROL DISABLED

8. Contact Road Ranger Call Center to obtain access for OPTIONS (Figure 2, Item 1).
9. Select DISABLED (Figure 2, Item 3) from the Speed Control pull down menu.
10. Select APPLY (Figure 2, Item 2). Wait for application to complete.
11. Turn key to OFF position.
12. Disconnect computer from J1939 Datalink Connector.
13. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Table 2 Labor Information

Operation Number	Description	Time
A40-15107-1	Shifting Parameter Reprogramming	0.2 hr

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 15107.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

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 15107 activity must be submitted by 21 May 2016 or within the normal warranty period for the component, if after 21 May 2016.

	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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