

- Have a battery tender connected to the battery while performing software update.



Figure 1. External Power Adapter



1. 12V and 1.2A Output

Figure 2. 12V and 1.2A Output

Table 3. BCM Calibration Version

Current BCM Calibration	Updated BCM Calibration
13.41.4.2	13.41.144.2
16.03.38.02	16.03.39.02

Table 4. BCM Software Version

Current BCM Software	Updated BCM Software
13.41.4.2	13.41.4.2
16.3.8.2	16.3.8.2

Table 5. ECM Software Version

ECM Current Version	ECM Update Version
41000916L	41000916M
41000917N	41000917P
41000918N	41000918P
41001209D	41001209E
41001672B	41001672D
41001749	41001673F
41001618D	41001618E

BCM and ECM Reflash Sequence

NOTE

If Screamin' Eagle® (SE) Quickshifter (Part No. 32700151) is installed on the vehicle, it will need to be re-enabled using DT II.

After the BCM and ECM reflashes have been completed, **Navigate** to DTII > VEHICLE SETUP > QUICKSHIFTER.

PREPARE

1. Connect battery tender directly to vehicle battery (not through battery tender lead).
 - a. Verify battery is fully charged before proceeding.
2. Connect external power to TL-3 appropriate power supply providing at least:
 - a. 12Voltage (V)
 - b. 1.2Amperes (A)

BCM UPDATE (For 2025 Models, skip to ECM UPDATE)

1. Place vehicle in Accessory mode.
 - a. Press and hold trip button 5 seconds.
2. Open DT II program and establish communication with vehicle.
3. Proceed to reflash BCM and follow on-screen directions.

ECM UPDATE

1. For the ECM, place the vehicle's ignition to ON.
2. Open DT II program and establish communication with vehicle.
3. Proceed to reflash the ECM and follow on-screen directions.

NOTEWORTHY ITEMS

NOTE

An additional **ignition cycle** will be required and is part of the on-screen directions.



Figure 3. Power OFF Vehicle

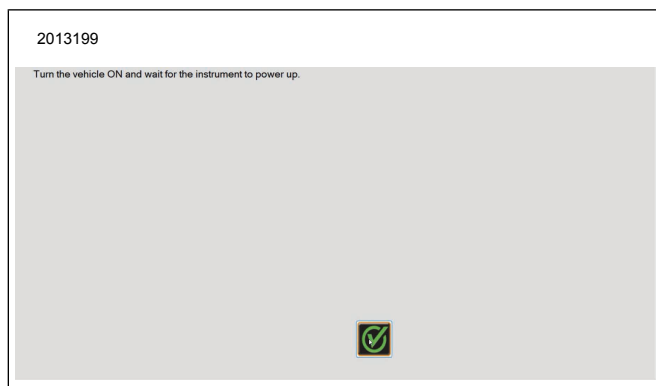


Figure 4. Power ON Vehicle

NOTE

Diagnostic Trouble Codes (DTCs) (P217600 and P210500) may display Pending or Current after the ECM reflash is completed. Due to the nature of the update being performed, the Throttle Position and Adaptive Fuel Map were zeroed out and need to be relearned. The DTCs will self clear after the engine is started and an ignition cycle is performed.

Vehicles Affected

2021-2023: Pan America (RA1250), Pan America Special (RA1250S)

2024: Pan America (RA1250), Pan America Special (RA1250S), CVO Pan America (RA1250SE)

2025: Pan America Special (RA1250S), Pan America ST (RA1250ST), CVO Pan America (RA1250SE)

Markets Affected

All markets affected.

Part Numbers

Refer to Table 6.

Table 6. Affected Part Numbers

Item Description	Affected Part No.
BCM	41000678A, 41000679A, 41000674A, 41000675A
ECM	41000669, 41001164, 41001214, 41001350, 41001663

Credit Procedure

NOTE

Enter bulletin number M1720 in Event Comments.

For vehicles within factory warranty only, file a Warranty claim for completing the work and note the customer's concern in the comments section of the claim. Table 7.

Table 7. Pan America BCM and ECM Update

ITEM	DATA
Claim Type	PRD/MC/DEM - PDI/Standard claim
Problem Part Number	41001214
Quantity	Leave Blank
Primary Labor Code ⁽¹⁾	1755
Labor Time 2021-2024	0.4 hours
Labor Time 2025	0.2 hours
Customer Concern Code	9203
Condition Code	1755
<i>(1) Download may be required</i>	