SERVICE BULLETIN

M1532: PAN AMERICA BCM UPDATE REVISION

Purpose for Service Bulletin

This bulletin supersedes M1529 and requires all Pan America™ vehicles to have the BCM updated to the latest software. This contains the software from the previous update and includes a new feature to address a condition that can keep the module awake and deplete the battery in a matter of days, preventing a **no start** condition. In addition, the software addresses the condition affecting customers where their cell phone won't charge while riding.

Motorcycles Affected

All model year 2021 Pan America RA1250 and RA1250S vehicles.

Markets Affected

All markets are affected.

Required Dealer Action

NOTE
Make sure that software version V21.5 or later is installed on Digital Technician II (DT II).

On Tire Pressure Monitoring System (TPMS) equipped models, the instrument module may read "–" after update. To restore the values:

* *The TPMS sensors can be put into "Drive" mode using special tool:TPMS ACTIVATION TOOL (PART NUMBER: HD-51794)*
* *Ride vehicle at a speed greater than 40 km/h (25 mph) for 20 s.*

NOTE
See Figure 1. External power adapter must be plugged into Techlink 3 (TL-3) for Body Control Module (BCM) reflash procedure to prevent unrecoverable lockups.

* *The external power adapter must have an output of at least 12 V and 1.2 A. This includes the power adapter included with the TL-3 or the adapter for the DT II.*
* *The vehicle battery should be fully charged prior doing the software update.*
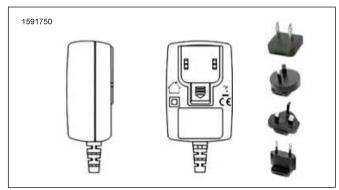* *Have a battery tender connected to the battery while performing software update.*

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Figure 1.

Special Tool: TECHLINK 3 (PART NUMBER: HD-48650-TL3)

Table 1. Software Version

BCM Software	Version
Calibration	13.22.0.2 or later
Application	13.14.0.2 or later

During Predelivery Inspection (PDI), verify that the most up-to-date software is installed. Check software version using DT II. Refer to Table 1.

Special Tool: DIGITAL TECHNICIAN II (PART NUMBER: HD-48650)

Body Control Module (BCM) Reflash Sequence

1. Connect battery tender directly to vehicle battery (not through battery tender lead).

   a. Verify battery is fully charged before proceeding.

2. Connect TL-3 to vehicle.

3. Connect external power to TL-3 using appropriate power supply providing at least:

   a. 12 V

   b. 1.2 A

4. Place vehicle in Accessory mode.

   a. Press and hold trip button 5 s.

NOTE
In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	WARRANTY PROCESS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	RETURN THIS TO
INITIAL HERE									

5. Open DT II program and establish communication with vehicle.

6. Proceed to reflash BCM and follow on-screen directions.

Supplemental Procedure Video

⚠ WARNING

Always review the appropriate service procedure prior to performing it. This video is intended to supplement, not replace, documented service procedures. Attempting service procedures without the proper training, tools, equipment, and manuals could result in death or injury to you or others. This could also damage the motorcycle or cause the motorcycle to operate improperly. (10406a)

This video is a supplement of the procedure covered in the document. This video can only be viewed through Service Information Portal (SIP).

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Video 1.

Credit Procedure

NOTE
Enter bulletin number into comment section of claim.

Submit a warranty claim per Table 2 for each vehicle that receives this update.

Table 2.

ITEM	DATA
Claim Type	PRD
Problem Part Number	41000678
Quantity	Leave Blank
Primary Labor Code[(1)]	6186
Time	0.2 h
Customer Concern Code	9210
Condition Code	6186
(1) Download may be required	