SERVICE BULLETIN



M1536 2021-08-27

M1536: PAN AMERICA BCM UPDATE

Reason for Revision

Refer to Table 1.

Table 1. Document History

Date	Revision Description
2021-08-27	Initial release

Purpose for Service Bulletin

This bulletin supersedes M1529 and M1532 and requires all Pan America™ vehicles to have the Body Control Module (BCM) updated to the latest software. This contains the software from the previous update and includes a new feature to address the ability to put the motorcycle into transport mode.

Motorcycles Affected

All 2021 Pan America RA1250 and RA1250S vehicles.

Markets Affected

All markets (except China) are affected.

Required Dealer Action

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 BCM reflash procedure to prevent unrecoverable lockups.

- See Figure 2. 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.



Figure 1. External Power Adapter

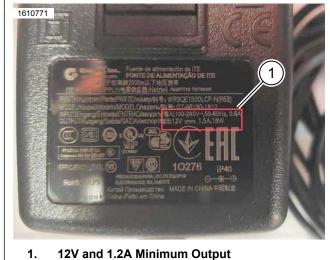


Figure 2. 12V and 1.2A Output

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

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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									

Table 2. Software Version

BCM Software	Version
Calibration	13.22.0.2 or later
Application	13.15.0.2 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 2.

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

Body Control Module (BCM) Reflash Sequence

- 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.
- Open DT II program and establish communication with vehicle.
- 6. Proceed to reflash BCM and follow on-screen directions.

Supplemental Procedure Video

A 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).



Video 1.

Credit Procedure

NOTE

Enter bulletin number into comment section of claim.

Submit a warranty claim per Table 3 for each vehicle that receives this update.

Table 3.

ITEM	DATA
Claim Type	PRD/MC/DEM
Problem Part Number	41000678
Quantity	Leave Blank
Primary Labor Code ⁽¹⁾	6192
Time	0.2 h
Customer Concern Code	9210
Condition Code	6192
(1) Download may be required	

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