SERVICE BULLETIN



M1490 2021-03-26

M1490: DIGITAL TECHNICIAN II - UPDATES AND RELEASE NOTES

Purpose for Service Bulletin

This bulletin informs dealers that Harley-Davidson has made a software update to Digital Technician II (DT II).

DIGITAL TECHNICIAN II (PART NUMBER: HD-48650)

Markets Affected

All markets are affected.

New Software Update

Version 21.3

Release Date:

Week of March 29, 2021

New Features:

· Guided diagnostics support for Pan America.

Changes:

- Diagnostic Trouble Code (DTC) Extended data Odometer values corrected on the 2021 Electronic Control Module (ECM).
- Body Control Module (BCM) Customization Side car option now supported for Police vehicles
- BCM Data Items Pan America removed items which are not supported at this time
- 2021 FLHTCUTG Correct speedometer display issue after ECM reflash

NOTE

2021 vehicles must use TECHLINK 3 (PART NUMBER: HD-48650-TL3) (connects to Red Data Link Connector (DLC) on the vehicle).

Previous Software Updates

Version 21.2

New Features:

- Techlink 3 (TL-3) now supports Road Test on Controller Area Network (CAN) protocol vehicles.
 - Requires TL-3 firmware update 9.0.943.51

- · Support for 2021 Pan America
 - · Vehicle Identification Number (VIN) entries
 - DTC support
 - Data items / System info support
 - Active test support
 - ECM, Electro Hydraulic Control Unit (EHCU) calibrations (technician mode)
 - · Support motorcycle condition report
 - Vehicle setup
 - · Personal Identification Number (PIN) assignment
 - Heated grip enable/disable
 - · BCM customization
 - · BCM replacement
 - Restore module to Original Equipment (OE) settings
 - · Lighting options
 - · Anti-lock Braking System (ABS) service date
 - Fob assignment
 - Suspension calibration (Adaptive Ride Height (ARH))
 - · Tire Pressure Monitoring System (TPMS) support
 - · Tire size selections
 - Sensor assignment
 - · Instrument replacement
 - Module replace
 - · Gear position (Fast) learn procedure
 - Support to disable Fuel pump on Pan America

Changes:

- 2021 Touring/Trike ECM calibrations updated to ensure proper operation of the Parts and Accessories (P&A) chassis fan when installed. Refer to PAB1110.
- Vehicle setup
 - · Chassis fan
 - · Correct issue to offer to 2021 Trikes

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									

 LiveWire – Vehicle Supervisory Controller (VSC) – Electrically Erasable Programmable Read Only Memory (EEPROM) error notification in vehicle status

NOTE

2021 vehicles must use TECHLINK 3 (PART NUMBER: HD-48650-TL3) (connects to Red DLC on the vehicle).

Version 21.1

New Features:

- Provide support for 2021 vehicles: FLHRXS, FLHXS, FLTRXS, FLFBS, FXBBS, FLHXSE, FLHTKSE, FLTRXSE, FLHTCUTGSE
 - · VIN support
 - Reflash
 - · System info/date items
 - Active diagnostics
 - Guided diagnostics
 - · Diagnostic Trouble Codes (DTCs)
- · Provide support for Bluetooth dongle (BTD).

Changes:

- Update 2021 Guided Diagnostics to correct for missing pictures and wiring diagrams.
- Correct motorcycle condition report for 2021 Trike hot idle temperature.

NOTE

2021 vehicles must use TECHLINK 3 (PART NUMBER: HD-48650-TL3) (connects to Red DLC on the vehicle).

Version 21.00

New Features:

- · Provide support for 2021 vehicles.
 - VIN support
 - Reflash
 - · System info/date items
 - · Active diagnostics
 - Guided diagnostics
 - DTCs
- Provide support for "Harley-Davidson Audio" equipped vehicles,
- Add refresh button on toolbar to allow user to re-scan for modules.

Changes:

N/A

Required Dealer Action

Techlink

 The TECHLINK 3 (PART NUMBER: HD-48650-TL3) will support CAN protocol vehicles (6-pin DLC) at launch. J-1850 protocol (4-pin DLC) support is planned for early 2020.

- Techlink 3 will not support Harley-Davidson Buell, Vereinigte DEUTA-OTA (VDO) and Magneti Marelli vehicles (4-pin DLC). Support for those vehicles is available via TECHLINK II (PART NUMBER: HD-48650-1).
- 2021 vehicles must use TECHLINK 3 (PART NUMBER: HD-48650-TL3) (connects to Red DLC on the vehicle).

Digital Technician™ II

- The Digital Technician II software version updates are automatic and occur while connected to the Internet.
- If an internet connection is lost, the download continues from where it stopped.
- If the Digital Technician II software is open, the application prompts the user to exit before the install can continue.
- All Digital Technician II software updates are deployed automatically via the XMS agent software and require a minimum model year software version (example: Model Year 2021 = minimum version v21.0).

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