SERVICE BULLETIN



M1504 2021-02-12

M1504: LIVEWIRE MODULES UPDATES

Reason for Revision

Refer to Table 1.

Table 1. Document History

Table 1. Document history										
Date Revision Description										
	Update release dates									
2021-02-12	* Updated OBC Software Updates, VSC									
	Software Updates									
	Release:									
	VSC software update - version 7.4.28.2									
	OBC software update - version:									
	Control Board: 2.8.95.2									
2020-09-28	Power Board: 6.18.64.2									
	Charger: 0.92.158.2									
	* Updated VSC Software Updates, OBC									
	Software Updates									
	* Removed Credit Procedure									
	Release:									
	OBC software update - version 2.7.134.2									
2020-05-26	* Updated OBC Software Updates									
	Lithium battery charger									
	* Updated Required Dealer Action									
	Release:									
	VSC software update - version 7.4.2									
	MCM software update - version 6.0.8									
2020-02-26	* Updated Purpose for Service Bulletin, Motor-									
	cycles Affected									
	* Added VSC Software Updates, MCM Soft-									
	ware Updates									
2020-01-10	Credit table usage									
	* Update Credit Procedure									
2020-01-10	Wording									
	* Updated Purpose for Service Bulletin									
	Release:									
2020-01-08	OBC software update - version 2.5.156									
	* Updated OBC Software Updates									
	Version/Claim note									
	* Update Credit Procedure									
	Release notes									
2019-12-24	* Updated OBC Software Updates, RESS									
	Software Updates									
2019-12-20	Updated note									
	* Updated Purpose for Service Bulletin									

Table 1. Document History

Date	Revision Description					
	Initial release					
	Release:					
	OBC software update - version 2.5.154					
2019-12-18	* Update OBC Software Updates					
	Release:					
	RESS software update - version 5.1.12					
	* Update RESS Software Updates					

Purpose for Service Bulletin

This bulletin informs dealers that Harley-Davidson has made a software update to the LiveWire™ related to the following modules:

- Onboard Charger (OBC)
- Vehicle Supervisory Controller (VSC)
- Rechargeable Energy Storage System (RESS)
- Motor Control Module (MCM)

This software update is required for all LiveWire vehicles and will be reimbursed under warranty. Perform this update as soon as possible on any affected units in dealer inventory, and on all units sold and delivered to customers. Dealers should contact their LiveWire customers and arrange to perform this update.

NOTE

If the RESS software is not updated, the RESS may be permanently disabled during Alternating Current (AC) charging if left plugged in for durations longer than 12 h.

Motorcycles Affected

LiveWire models.

Markets Affected

All markets are affected.

OBC Software Updates

New Software Update

Version

• Control Board: 2.8.95.2 Power Board: 6.18.64.2 • Charger: 0.92.158.2

The interest of processing detection, and activities of control of categories in processing for other maintenance of control.												
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												

Release Date:

· Week of September 28, 2020.

Previous Software Updates

Version

• 27.134.2

Release Date:

Week of May 26, 2020.

Version

• 2.5.156

Release Date:

· Week of January 6, 2020.

Version

2.5.154

Release Date:

· Week of December 16, 2019.

Version

• 2.5.99

VSC Software Updates

New Software Update

Version

7.4.28.2

Release Date:

· Week of September 28, 2020

Previous Software Updates

Version

• 7.4.2

Release Date:

· Week of February 24, 2020

Version

• 7.1.1

Release Date:

· Week of November 21, 2019

RESS Software Updates

New Software Update

Version

• 5.1.12

Release Date:

· Week of December 16, 2019

Previous Software Updates

Version

• 5.1.11

MCM Software Updates

New Software Update

Version

• 6.0.8

Release Date:

· Week of February 24, 2020

Previous Software Updates

Version

• 6.0.7

Release Date:

Week of November 21, 2019

Required Dealer Action

All module updates that this bulletin covers are updated using Digital Technician II (DT II) and Techlink 3 (TL-3) through the reflash tab.

DIGITAL TECHNICIAN II (PART NUMBER: HD-48650)

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

Use a lithium battery capable charger connected to the 12 V battery with a charge rate between 4–5 A when reflashing LiveWire modules to support the 12 V lithium battery.