

- b. Compare current to available calibration. Refer to Table 1.
 - c. If current calibration differs in any way, update is needed.
8. Start update with VSC Update.

Table 1. Reflash Screen

	Module Present	Current Calibration ⁽¹⁾	Available Calibration
<input type="checkbox"/>	VSC	Calibration: 7.1.17.2	7.4.28.2
<input type="checkbox"/>	OBC	Control Board: 2.5.156.2	2.8.95.2
		Power Board: 4.2.12.2	6.18.64.2
		Charger: 0.90.129.2	0.92.158.2

(1) Calibration number may differ from what is shown in table.

VSC Update

1. Click VSC.
2. Click OK.
3. Click calibration 7.4.28.2.
4. Click OK.
5. Follow instructions on DT II screens as they appear and click OK as needed.
6. When "turn key OFF" screen appears, turn vehicle OFF for 2 minutes instead of 20 seconds. Click OK.
 - a. ELW vehicles need more time for all modules to completely turn off and allow them to update.
7. After waiting 2 minutes with the vehicle OFF, place vehicle in ACCESSORY MODE.
8. Verify DT II/TL-3 are communicating with the vehicle.
 - a. If DT II/TL-3 are not communicating with vehicle, reboot DT II.
9. Click Reflash.
10. Are the VSC current and available calibrations the same?
 - a. **Yes.** Go to OBC Update.
 - b. **No.** Start update procedure again. Go to Step 1.

OBC Update

1. Verify that the 12 V battery charger is connected to vehicle.
2. Click OBC.
3. Click OK.

4. Click calibration 2.8.95.2.

NOTE

This single OBC calibration update updates all three calibrations listed in Table 1 under the OBC available calibration.

5. Click OK.
6. Follow instructions on DT II screens as they appear. and click OK as needed.
7. When "turn key OFF" screen appears, turn vehicle OFF for 2 minutes instead of 20 seconds. Click OK.
 - a. ELW vehicles need more time for all modules to completely turn off and allow them to update.
8. After waiting 2 minutes with the vehicle OFF, place vehicle in ACCESSORY MODE.
9. Verify DT II/TL-3 are communicating with the vehicle.
 - a. If DT II/TL-3 are not communicating with vehicle, reboot DT II.
10. Click Reflash.
11. Are all OBC current and available calibrations the same?
 - a. **Yes.** Go to IM Update.
 - b. **No.** Start update procedure again. Go to Step 2.

IM Update

1. To download the latest IM update file click: swdl_LW_INST.zip

NOTE

- *Log in to Service Information Portal (SIP) through Google Chrome to view.*
- *Must use a Universal Serial Bus Type-C (USB-C) drive to upload update to IM.*

2. Move IM update file.
 - a. Locate the Downloads folder on computer.
 - b. Unzip IM update file.
 - c. Copy, Cut or Drag IM update to the root directory of the USB-C drive.

NOTE

Do not place the update in any folder, this prevents the IM from performing the update.

- d. Eject USB-C drive.
3. Remove fairing. See the service manual.
4. See Figure 1. Connect USB-C drive to vehicle.

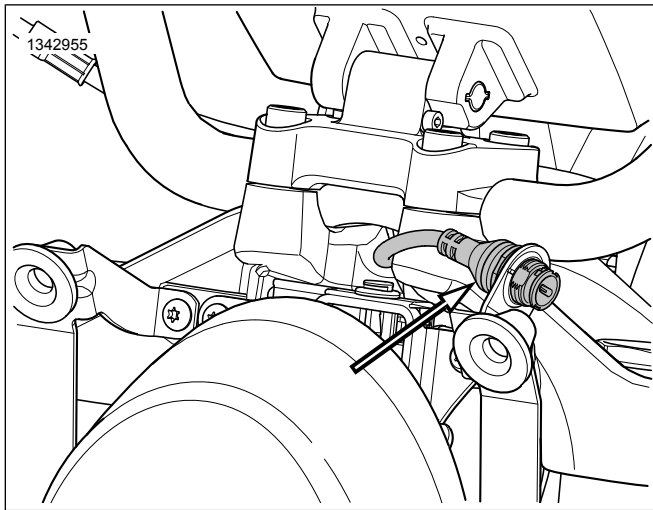


Figure 1. USB-C Port

5. Using Trip switch, place vehicle into accessory mode.

6. Navigate IM:
 - a. **SETTINGS > SYSTEM > ABOUT > FACTORY OPTIONS > UPDATE SOFTWARE**
7. Allow IM update to complete.
8. Remove USB-C drive.
9. Install fairing. See the service manual.
10. Updates are complete.

New Charging Widget Displays

With these updates are **new** charging widget displays that may appear on the IM. Refer to Table 2.

These **new** charging widget displays must be inserted into the 2020 ELW Owner's Manual. Refer to Owner's Manual New Charging Widget Displays Insert.

Table 2. Charging Widget Displays

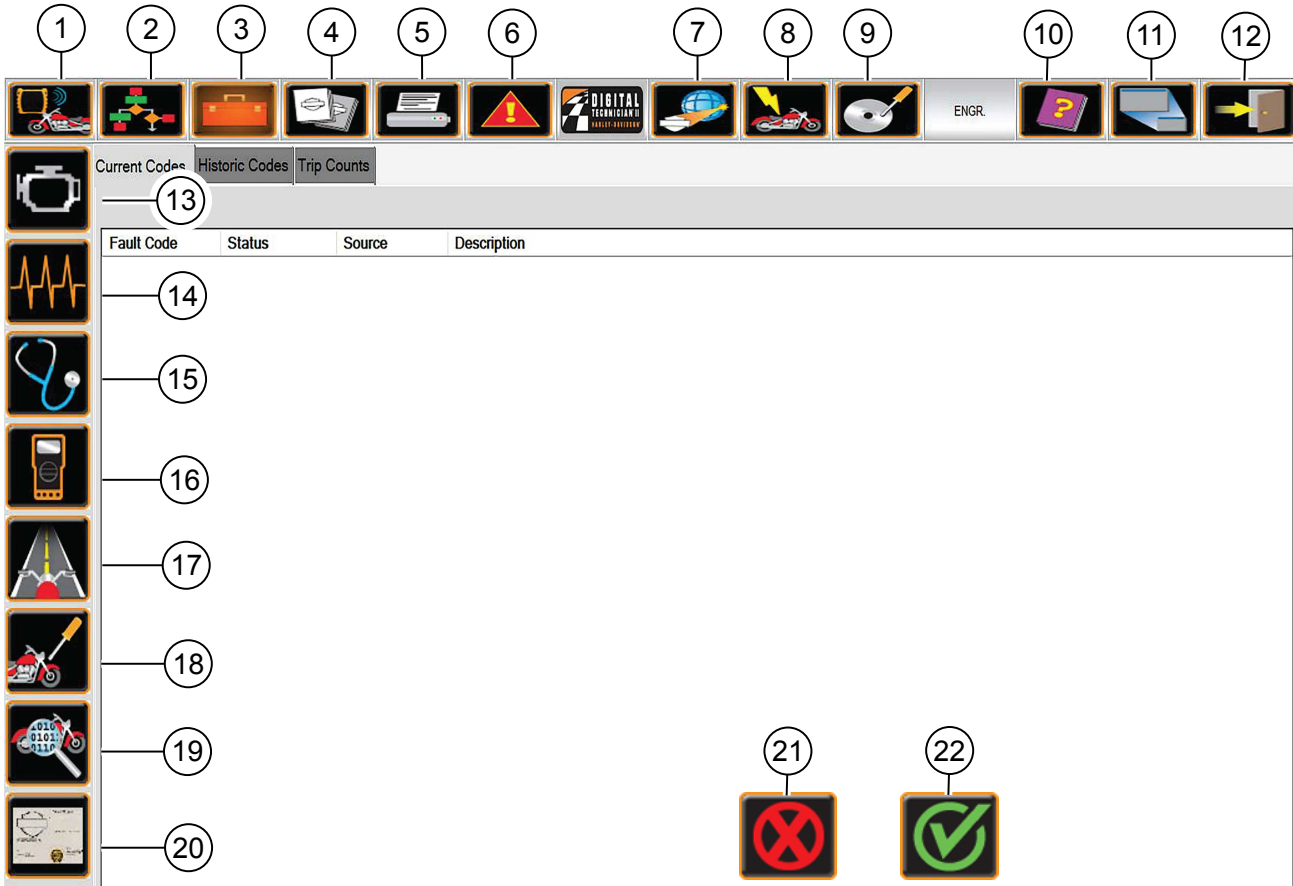
Widget	Text Displayed	Cause	Action
	EVSE Fault	EVSE fault.	See portable charger (EVSE) user guide.
	Charge Port Lock Fault	Charge port lock not functioning.	See dealer.
	Charge Plug Latch Pressed	EVSE latch switch indication pressed.	If EVSE latch not pressed - see dealer.
	OBC Too Warm	OBC above operating temperature.	<ul style="list-style-type: none"> • Verify unobstructed airflow to radiator. • Restart charge after vehicle cools down.
	RESS Too Warm	Rechargeable Energy Storage System (RESS) above operating temperature.	Restart charge after vehicle cools down.
	Establishing Communication	Vehicle establishing communication with external charger.	Check external charger for further instructions if needed.
	User Delayed	DC fast charging delayed or stopped by user.	Restart charge if desired.

Owner's Manual New Charging Widget Displays Insert

NOTE

Login into SIP through Google Chrome to view insert.

1. Click on Owner's Manual Insert and print.
 - a. Click on INSERT: M1519: RECALL 0176...
 - b. Click on printer icon in up right corner of insert screen.
2. Insert the charging widget displays page into the owner's manuals applicable to this bulletin that are on site.
3. If customer's owner's manual is not present with the vehicle, do the following:
 - a. Give the copy of the charging widget displays page to the customer.
 - b. Inform the customer to read and insert the page into their owner's manual.
- c. Print.



- | | |
|---|--|
| <ul style="list-style-type: none"> 1. Vehicle/TechLink II Selection 2. Guided Diagnostics 3. Toolbox 4. Service Manuals 5. Print 6. Safety and Product Campaign 7. H-Dnet Access 8. Reflash 9. Setup and Utilities 10. Help 11. Minimize | <ul style="list-style-type: none"> 12. Exit 13. Fault Codes 14. Data Items 15. Active Diagnostics 16. Multimeter 17. Road Test 18. Vehicle Setup 19. System Information 20. Motorcycle Condition Report 21. Cancel 22. OK |
|---|--|

Figure 2. DT Icons

Credit Procedure

NOTE

- Enter bulletin number into comment section of claim.
- Recall claim submission from non-certified ELW dealers will not be processed.

For each vehicle involved in this recall (involvement of VIN has been verified on H-Dnet.com), submit a recall claim per Table 3, Table 5, Table 4 or Table 6.

Upon submission of the properly completed claim, dealers are credited

- 1 h (Updates and Owner's Manual (OM) insert only.)
- 2 h (Updates and OM insert plus pickup and/or delivery.)

of labor time for performing the procedure, plus appropriate administrative time. Submit campaign events on their own warranty claim. Do not mix claims with other warranty events.

Credit Procedure: Talon/H-Dnet.com Warranty Claim System Users

Table 3. Updates and OM Insert Only

ITEM	DATA
Claim Type	SRC
Problem Part Number	66000190
Quantity	Leave Blank
Primary Labor Code ⁽¹⁾	2716
Time	1 h
Customer Concern Code ⁽¹⁾	0176
Condition Code	9981
<i>(1) Download may be required</i>	

Table 4. Updates and OM Insert Plus Pickup and/or Delivery

ITEM	DATA
Claim Type	SRC
Problem Part Number	66000190
Quantity	Leave Blank
Primary Labor Code ⁽¹⁾	2742
Time	2 h
Customer Concern Code ⁽¹⁾	0176
Condition Code	9982
<i>(1) Download may be required</i>	

Credit Procedure: GDP System Users**Table 5. GDP System**

ITEM	DATA
Claim Type	Recall Claim
Fix ID-Found in Recall Number	C
Problem Part Number	66000190
Customer Concern Code	0176
Condition Code	9981

Table 6. Updates and OM Insert Plus Pickup and/or Delivery

ITEM	DATA
Claim Type	Recall Claim
Fix ID-Found in Recall Number	R
Problem Part Number	66000190
Customer Concern Code	0176
Condition Code	9982