

POWER VISION

USER GUIDE

Bench Harness
for Harley-Davidson

PARTS LIST



POWER CORD
POWER SUPPLY
MAIN BENCH HARNESS
BENCH CONNECTION HARNESSES

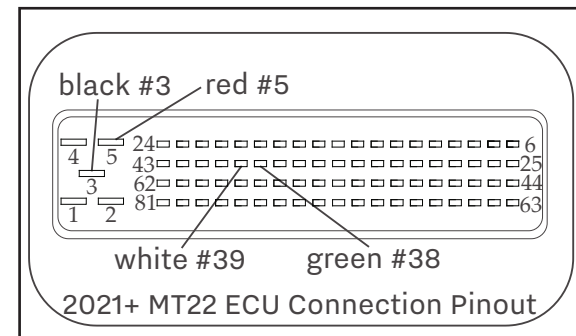
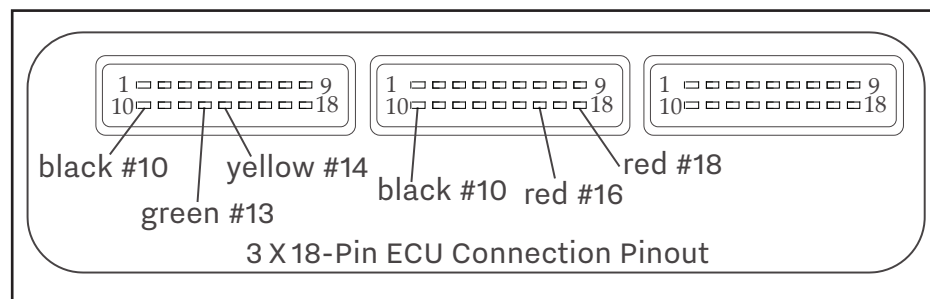
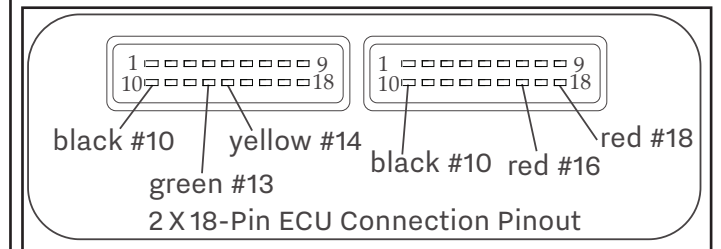
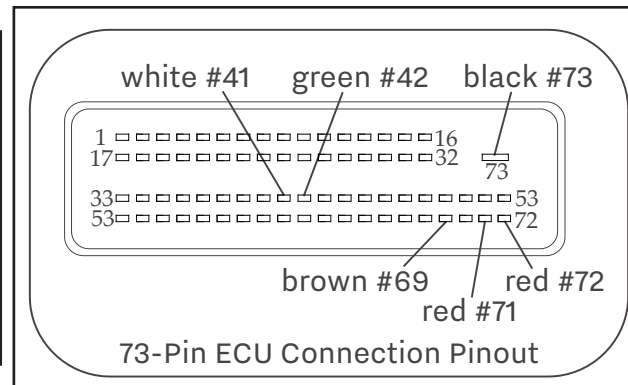
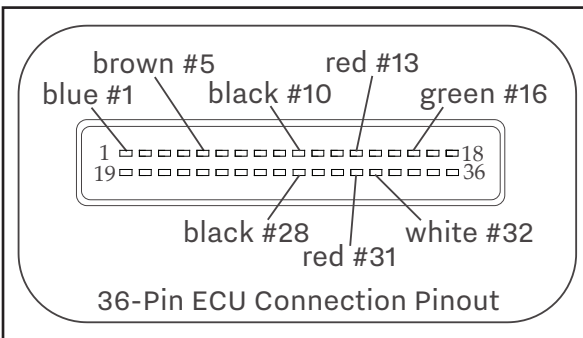
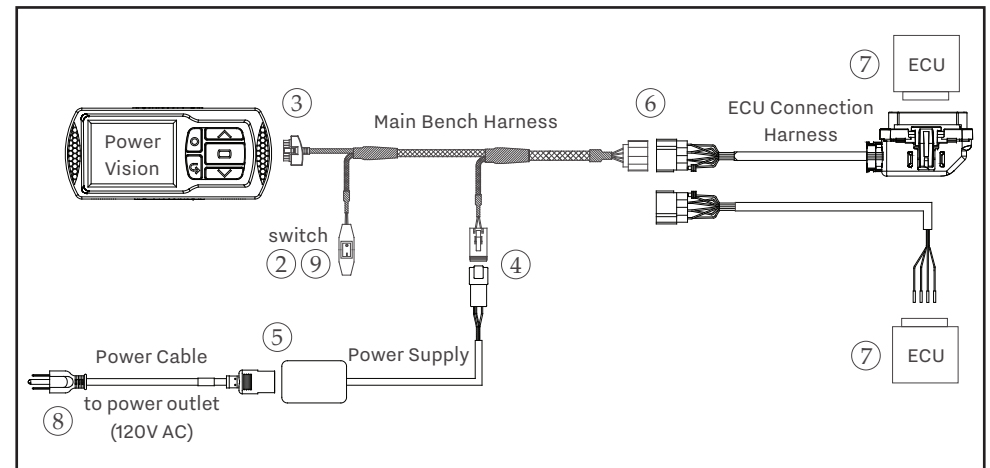
**PLEASE READ ALL DIRECTIONS BEFORE
STARTING INSTALLATION**



INSTALLATION

Use the following instructions to install the cables in the bench harness kit.

- 1 Always unplug the power when connecting and disconnecting cables.
 - 2 Place the switch in the off position.
 - 3 Attach the 8-pin connector from the main bench harness to the Power Vision.
 - 4 Attach the 4-pin connector from the main bench harness to the power supply.
 - 5 Attach the power cable to the power supply.
 - 6 Attach the 10-pin connector from the ECU connection harness to the main bench harness.
 - 7 Attach the the ECU connection harness to the vehicle ECU. Your connector may appear different than the connector shown.
- Note:** Wire the connection harness as shown.
- 8 Plug the power cable into a power outlet.
 - 9 Place the switch in the on position.



FLASHING YOUR VEHICLE

The Power Vision must be paired to the connected vehicle ECU to function properly.

Note: Once paired to the vehicle ECU, the Power Vision will not work on another vehicle without purchasing a tune license.

1 Before flashing your vehicle, download the firmware for the connected vehicle. From the Main Menu, select **Device Tools>Update Device**.

2 From the Main Menu, select **Flash Tune**.

3 Select the tune file and press **Enter** to view the Tune Info.

4 Press **Enter** to accept the tune and pair the Power Vision to the vehicle.

Note: Pair to vehicle will only happen on the first flash.

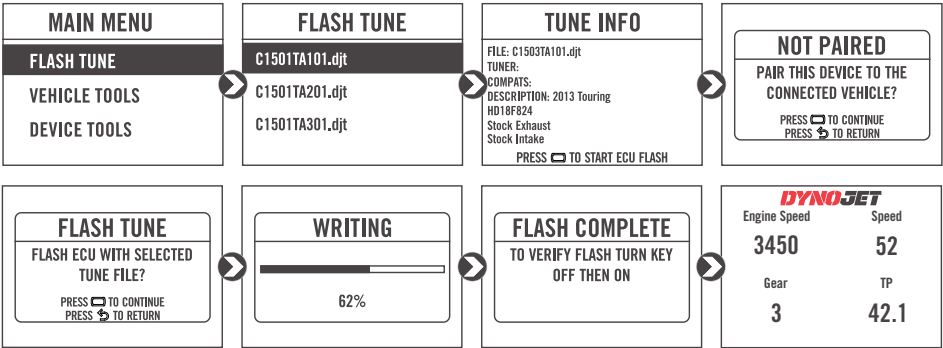
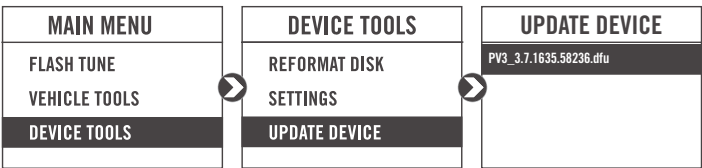
5 Press **Enter** to pair and lock the Power Vision to the ECU and to begin the flash. Do not unplug the power or disconnect the Power Vision during the flash.

6 After the flash is complete, unplug the power and wait 45 seconds before plugging the power back in.

7 Plug the power cable back into a power outlet and verify the gauges read 0.0 under each channel.

Note: You must perform this step. The Power Vision will remain in a recovery state until you plug the power cable back in and verify the gauges read 0.0 under each channel.

Note: On the rare occasion that a bench flash fails causing the ECU to enter a restore state, the Power Vision screen will display “Flash Verification” requiring you to start the vehicle (RPM >0). To bypass starting the vehicle, (a) turn the power off; (b) hold the Square and Circle buttons down together; then (c) turn the power on. This will clear the verification flag.



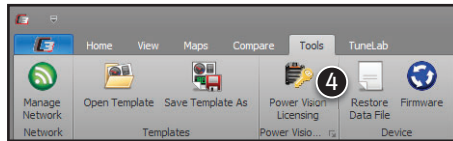
POWER VISION TUNE LICENSING FOR HARLEY-DAVIDSON

Use the following instructions to license your Power Vision for Harley-Davidson. You must use Power Core Software version 2.0 or later.

- 1 Plug the Power Vision into the vehicle you want to license and turn the key on to generate a new PV_INFO file. The Power Vision will display arrows when the PV_INFO file has been generated successfully.

Note: The ignition must be on.

- 2 Using the USB cable, plug the Power Vision into your PC.
- 3 Open C3 Tuning Software.
- 4 From the Tools ribbon, click **Power Vision Licensing**.

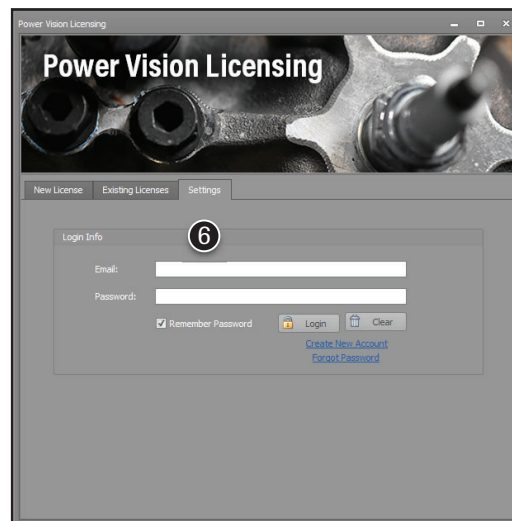


1 DYNOMETER	
Engine Speed	Speed
3450	52
Gear	TP
3	42.1

- 5 Click **New Devices**.



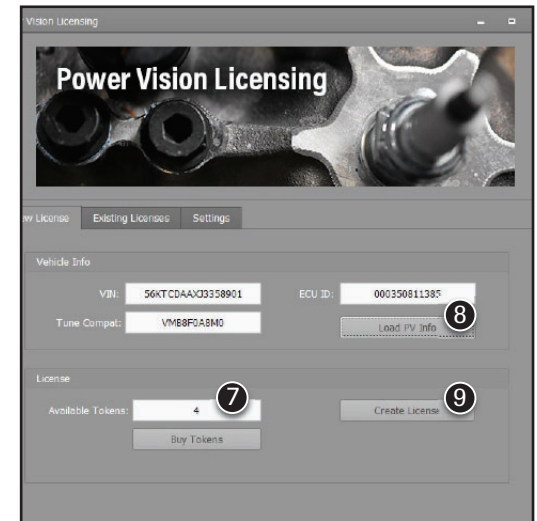
- 6 Click the **Settings** tab and sign in to your account. If you do not already have an account, click **Create New Account** and follow the instructions.



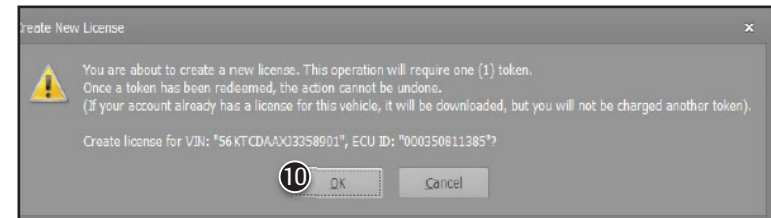
- 7 Verify you have tokens in the Available Tokens box.

Note: There must be tokens in the account.

- 8 Click **Load PV Info**. You must complete step 1 for Load PV Info to work.
- 9 Verify the VIN, ECU ID, and Tune Compat fields are populated then click **Create License**. These fields will be populated with data if the file is correct.



- 10 Verify the vehicle VIN and ECU ID are correct and click **OK**.



- 11 Verify the license is saved to the device by using Windows File Explorer to browse the POWERVISION drive. If you delete this file from the device, access the file by clicking the **Existing License** tab and reapplying it.

Name	Date modified	Type	Size
56KTCDAAXJ3358901.lic	10/25/2018 11:09 ...	LIC File	1 KB
29002010.djt	5/26/2017 9:33 AM	PVCX Tune File	5 KB
B8F0A6B0_2A.stk	5/2/2017 11:14 AM	PVCX Stock File	1,025 KB
PV_INFO.TXT	12/31/2015 11:00 ...	Text Document	2 KB

- 12 When licensing multiple vehicles, make sure you perform a key ON/OFF cycle on the last vehicle before trying to license the next vehicle.