POWER VISION

Can-Am X3 Installation Guide

PARTS LIST

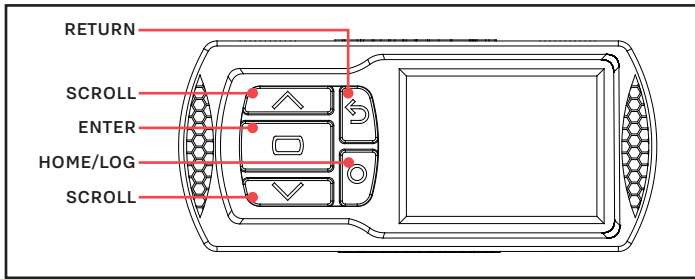|			
1	POWER VISION	2	VELCRO
1	VEHICLE CABLE	2	DYNOJET DECALS
1	USB CABLE		

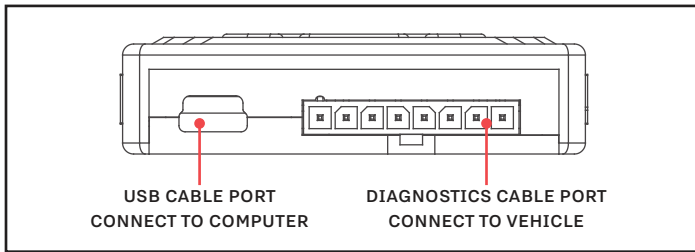**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION**

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INTRODUCTION

RETURN

SCROLL

ENTER

HOME/LOG

SCROLL

POWER VISION OVERVIEW—FRONT VIEW

USB CABLE PORT
CONNECT TO COMPUTER

DIAGNOSTICS CABLE PORT
CONNECT TO VEHICLE

POWER VISION OVERVIEW—SIDE VIEW

Thank you for purchasing the Power Vision from Dynojet Research. The Power Vision is the device to interface between your computer and vehicle ECU allowing you to tune your stock ECU to achieve optimal performance from your vehicle.

Use the buttons to navigate the device menus, make selections, cycle through the four available gauge screens, and log data. Connect to the diagnostic port to flash a tune; use the USB connection to interface between the Power Vision and your computer.

For state of the art technical support, please visit www.dynojet.zendesk.com.

INSTALLING THE POWER VISION

INSTALL POWER VISION

DIAGNOSTIC PORT

1 Secure the Power Vision to the vehicle using the supplied Velcro. Make sure the Power Vision will not interfere with the operation and steering of the vehicle.
Note: The Power Vision does not need to be mounted to the vehicle.

2 Attach the diagnostic cable to the diagnostic port on the Power Vision and to the diagnostic port on the vehicle.
Maverick X3 Models: located under the glove box lid.
Note: Remove the diagnostics port holder and insert the Power Vision cable to hold the cable securely in place.

GETTING STARTED

Use the Tune File Wizard to prepare your Power Vision device with the stock (stk) and tune (djt) files needed to flash your vehicle.

1 Connect the Power Vision to the vehicle.

2 Turn the key on. The Power Vision will scan for files.
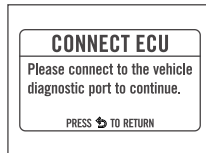
There are three possible file states:

File State 1: No compatible tune or stock files.

File State 2: No compatible tune files.

File State 3: All required files found.

3 Gauges are displayed.

File State 1:
Go to www.dynojet.com/pvtunes to download stock and tune files.

GETTING STARTED

NO COMPATIBLE STOCK FILES

To download tunes, visit:
WWW.DYNOJET.COM/PVTUNES

PRESS ▭ TO SEARCH AGAIN

File State 2:
Go to www.dynojet.com/pvtunes to download tune files.

GETTING STARTED

NO COMPATIBLE TUNE FILES

To download tunes, visit:
WWW.DYNOJET.COM/PVTUNES

PRESS ▭ TO SEARCH AGAIN

Connect the Power Vision to the vehicle diagnostic port to collect ECU information. Turn the key on.

CONNECT ECU

Please connect to the vehicle diagnostic port to continue.

PRESS �581 TO RETURN
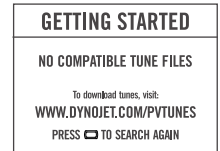
File State 3:
All required files found. The Power Vision is ready to flash a tune to the connected vehicle.

READY TO FLASH

ALL REQUIRED FILES FOUND

PRESS ▭ TO READ ECU

PRESS �581 TO EXIT WIZARD

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

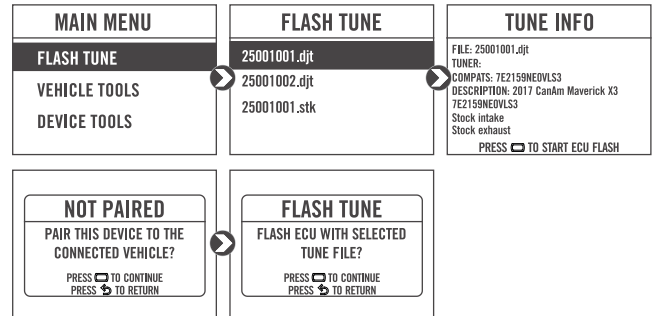**2** Select the tune file (.djt) and press **Enter** to view the Tune Info.

Note: The Dynojet tune file (.djt) is a tune file which is different (better than stock performance or the necessary file when bolting on an exhaust, for example); the stock file (.stk) is the direct duplicate of what the OEM shipped.

3 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.

4 Press **Enter** to pair and lock the Power Vision to the ECU and to begin the flash. Do not turn off the key switch or disconnect the Power Vision during the flash.

5 After the flash is complete, turn the key off and wait 45 seconds before turning the key back on to start.

MAIN MENU

FLASH TUNE
VEHICLE TOOLS
DEVICE TOOLS

FLASH TUNE

25001001.djt
25001002.djt
25001001.stk

TUNE INFO

FILE: 25001001.djt
TUNER:
COMPATS: 7E2159NE0VLS3
DESCRIPTION: 2017 CanAm Maverick X3
7E2159NE0VLS3
Stock intake
Stock exhaust
PRESS ▭ TO START ECU FLASH

NOT PAIRED

PAIR THIS DEVICE TO THE CONNECTED VEHICLE?

PRESS ▭ TO CONTINUE
PRESS �581 TO RETURN

FLASH TUNE

FLASH ECU WITH SELECTED TUNE FILE?

PRESS ▭ TO CONTINUE
PRESS �581 TO RETURN

VIEWING THE VEHICLE INFORMATION

This menu allows you to view the device status (paired/not paired), VIN #, Model ID, ECU serial number, tune compat, and checksum compat.

Select **Vehicle Tools**>**Vehicle Information**.

MAIN MENU

FLASH TUNE
VEHICLE TOOLS
DEVICE TOOLS

VEHICLE TOOLS

VEHICLE INFORMATION
DIAGNOSTICS
READ ECU

VEHICLE INFO

PAIRED VEHICLE: DEVICE NOT PAIRED
VIN: 3JBVGAWZ4HK000560
MODEL ID: 666939
TUNE COMPAT: 7E2159NE0VLS3
CSUM COMPAT:

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VIEWING THE DIAGNOSTIC CODES

This menu allows you to read and clear diagnostic trouble codes.

1 To read codes, select **Vehicle Tools**>**Diagnostics**>**Active Codes**.

2 To clear codes, select **Vehicle Tools**>**Diagnostics**>**Clear Codes**.

MAIN MENU		VEHICLE TOOLS		DIAGNOSTICS
FLASH TUNE		VEHICLE INFORMATION		ACTIVE CODES
VEHICLE TOOLS	▷	DIAGNOSTICS	▷	HISTORIC CODES
DEVICE TOOLS		READ ECU		CLEAR CODES

CONFIGURING GAUGES

This menu allows you to configure up to four different gauge screens. **Each gauge screen has four configurable channels.**

1 From the Main Menu, select **Device Tools**>**Configure Gauges**.

2 Select a gauge screen and press **Enter**.

3 Select a channel and press **Enter**.

4 Select a channel from the list and press **Enter**.

5 Select the precision or units for that channel and press **Enter**.

6 Continue setting up the remaining channels as desired.

7 Continue configuring the remaining gauge screens as desired.

MAIN MENU		DEVICE TOOLS		CONFIGURE GAUGES
FLASH TUNE		CONFIGURE GAUGES		SCREEN 1
VEHICLE TOOLS	▷	DEVICE INFORMATION	▷	SCREEN 2
DEVICE TOOLS		REFORMAT DISK		SCREEN 3
				SCREEN 4

CONFIGURE SCREEN		SELECT UNIT		SELECT PRECISION
CHANNEL 1		RPM		0
CHANNEL 2	▷	RPMx10	▷	0.0
CHANNEL 3		RPMx100		0.00
CHANNEL 4		RPMx1000		0.000

LOGGING DATA

1 Press the **Log**◎ button to begin logging. The Power Vision screen will illuminate a bright red banner across the top when logging.

2 Press the **Log**◎ button again to stop logging.

3 Use the Power Core software to view log files.

Snapshot Log: Press and hold the **Log**◎ button for two seconds to record the previous two minutes of operating time.

DATA LOG		DYNOJET		SAVING LOG
DATA LOGGING HAS STARTED. PRESS AGAIN TO STOP	▷	Engine Speed TPS **2550**RPM **10.5** AFR 1 STFT **14.6**AFR **-6.3**	▷	SAVING LOG...

DATA LOG
2501101_LOG_1.wp8 SAVED SUCCESSFULLY

DELETING DATA LOGS
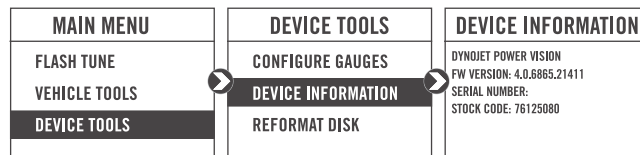
This menu allows you to delete data logs.

1 Select **Vehicle Tools**>**Delete Data Log**.

2 Select a specific log to delete or select *Delete All Logs*.

MAIN MENU		VEHICLE TOOLS		LOG FILES
FLASH TUNE		DIAGNOSTICS		*Delete All Logs*
VEHICLE TOOLS	▷	READ ECU	▷	2501101_LOG_1.wp8
DEVICE TOOLS		DELETE DATA LOG		2501101_LOG_2.wp8
				2501101_LOG_3.wp8

VIEWING THE DEVICE INFORMATION

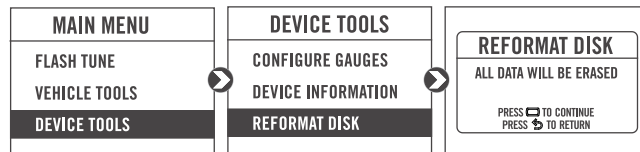This menu allows you to view the device firmware version, serial number, and stock code.
Select **Device Tools**>**Device Information**.

MAIN MENU	DEVICE TOOLS	DEVICE INFORMATION
FLASH TUNE	CONFIGURE GAUGES	DYNOJET POWER VISION
VEHICLE TOOLS	DEVICE INFORMATION	FW VERSION: 4.0.6865.21411
DEVICE TOOLS	REFORMAT DISK	SERIAL NUMBER:
		STOCK CODE: 76125080

REFORMATTING THE DISK

This menu allows you to reformat the disk and erase all data.
Select **Device Tools**>**Reformat Disk**.

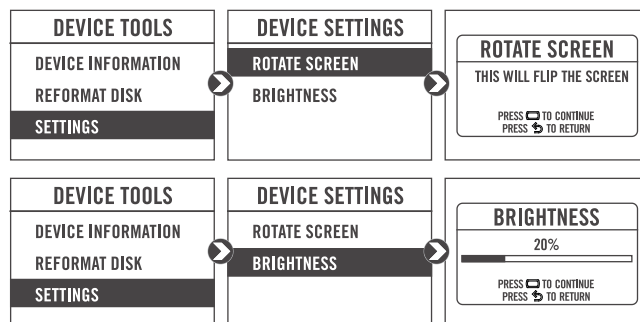| MAIN MENU	DEVICE TOOLS	REFORMAT DISK
FLASH TUNE	CONFIGURE GAUGES	ALL DATA WILL BE ERASED
VEHICLE TOOLS	DEVICE INFORMATION	
DEVICE TOOLS	REFORMAT DISK	PRESS ☐ TO CONTINUE
		PRESS ↰ TO RETURN

CHANGING THE SETTINGS

This menu allows you to rotate the screen allowing you to change the orientation of the Power Vision device along with adjusting the screen brightness.
Select **Device Tools**>**Settings**>**Rotate Screen** to flip the screen.
Select **Device Tools**>**Settings**>**Brightness** to change the screen brightness.

DEVICE TOOLS	DEVICE SETTINGS	ROTATE SCREEN
DEVICE INFORMATION	ROTATE SCREEN	THIS WILL FLIP THE SCREEN
REFORMAT DISK	BRIGHTNESS	
SETTINGS		PRESS ☐ TO CONTINUE
		PRESS ↰ TO RETURN

DEVICE TOOLS	DEVICE SETTINGS	BRIGHTNESS
DEVICE INFORMATION	ROTATE SCREEN	20%
REFORMAT DISK	BRIGHTNESS	
SETTINGS		PRESS ☐ TO CONTINUE
		PRESS ↰ TO RETURN

UPDATING THE DEVICE

This menu allows you to update the device with the latest firmware.
1 Go to www.dynojet.com/PowerVision.
2 From the top navigation menu, select **Support**>**Downloads**.
3 Select **Power Vision 3**.
4 Download the Power Vision 3 Firmware for CanAm.
5 Save the file to your device.
6 Select **Device Tools**>**Update Device**.

MAIN MENU	DEVICE TOOLS	UPDATE DEVICE
FLASH TUNE	REFORMAT DISK	PV3_4.0.6865.26985.dfu
VEHICLE TOOLS	SETTINGS	
DEVICE TOOLS	UPDATE DEVICE	
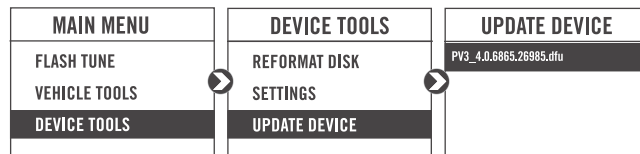
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EXPORT DIAGNOSTICS

This menu allows you to create a BIN file containing device information used by Dynojet Tech Support.

1 Select **Device Tools**>**Export Diagnostics**.

2 If requested by Dynojet Tech Support, connect your Power Vision to a computer and email the BIN file to PV3tech@dynojet.com.
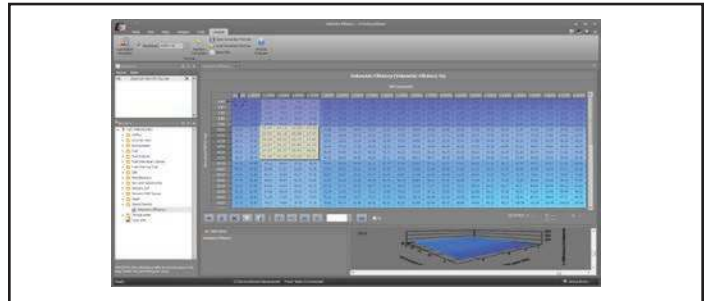
MAIN MENU	DEVICE TOOLS	FILE GENERATED
FLASH TUNE	UPDATE DEVICE	DIAGNOSTICS FILE GENERATED
VEHICLE TOOLS	GENERATE UNLOCK FILE	
DEVICE TOOLS	EXPORT DIAGNOSTICS	PRESS ☐ TO CONTINUE PRESS ↰ TO RETURN

INSTALLING THE POWER CORE SOFTWARE

Download the Power Core software and take tuning to a whole new level.

Note: Downloading the Power Core software is optional and not necessary to use the Power Vision.

1 Go to www.dynojet.com/PowerVision.

2 From the top navigation menu, select **Support**>**Downloads**.

3 Select **Power Vision CX** from the drop-down menu.

4 Download the Dynojet Power Core software.

5 Double-click the saved file to begin installation. Follow the on-screen prompts. Refer to the Power Core Help for more information.

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