POWER VISION

Can-Am X3 Installation Guide

PARTS LIST

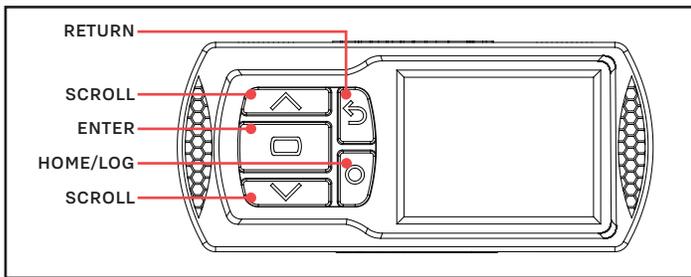|				
1	POWER VISION		2	VELCRO
1	VEHICLE CABLE		2	DYNOJET DECALS
1	USB CABLE			

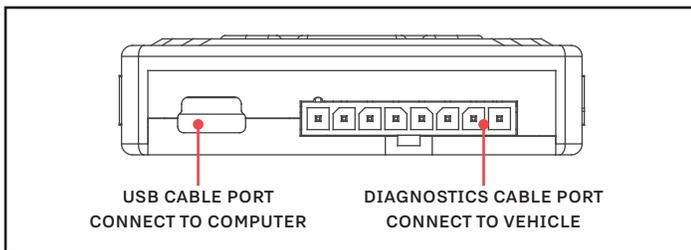**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION**

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DYNOJET

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.
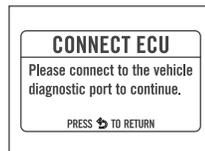
There are three possible file states:

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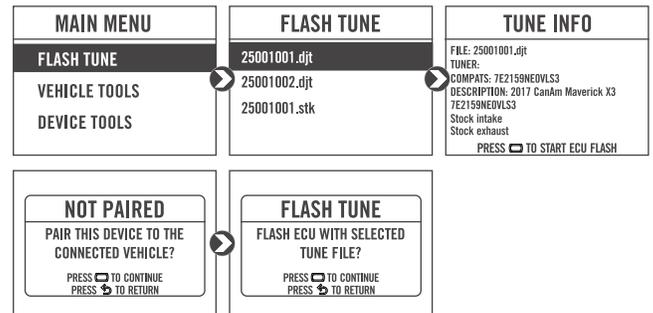
1 From the Main Menu, select **Flash Tune**.

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 ↩ TO RETURN
```

```
          FLASH TUNE

     FLASH ECU WITH SELECTED
          TUNE FILE?

       PRESS ☐ TO CONTINUE
       PRESS ↩ 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
DATA LOGGING HAS STARTED. PRESS AGAIN TO STOP

DYNOJET
Engine Speed	TPS
2550 RPM	10.5
AFR 1	STFT
14.6 AFR	-6.3

SAVING LOG
SAVING LOG...

DATA LOG
2501101_LOG_1.wp8 SAVED SUCCESSFULLY

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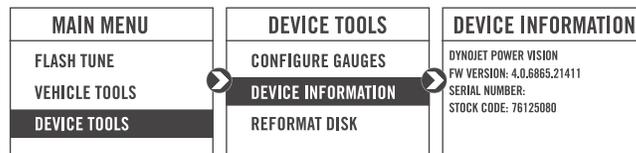
This menu allows you to delete data logs.

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**.

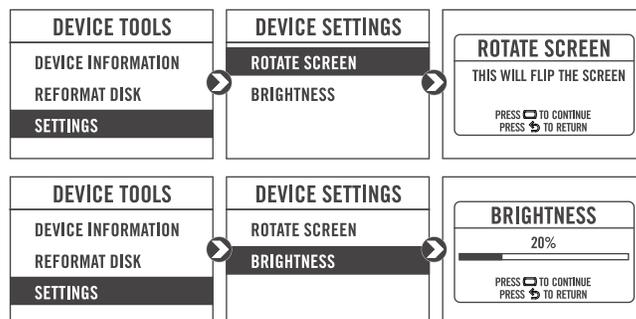| MAIN MENU	DEVICE TOOLS	REFORMAT DISK
FLASH TUNE	CONFIGURE GAUGES	ALL DATA WILL BE ERASED
VEHICLE TOOLS	DEVICE INFORMATION	
DEVICE TOOLS	REFORMAT DISK	PRESS ☐ TO CONTINUE
		PRESS ↰ TO RETURN

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.
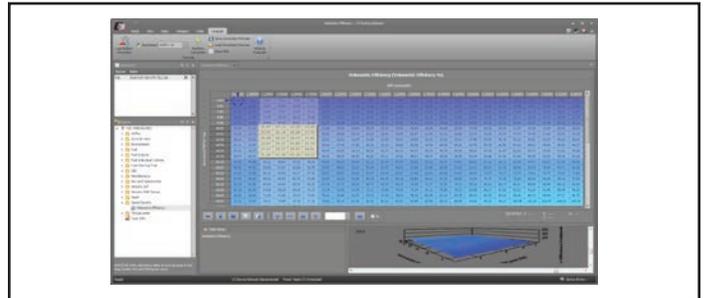

INSTALLING THE POWER CORE SOFTWARE

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.

PUSH THE LIMIT