

INVISION

Installation Guide for: INV-2901

Model Coverage:

2020-2024 Indian Challenger

2022-2024 Indian Chief/Superchief

2022-2024 Indian Pursuit

2023-2024 Indian Sport Chief

PARTS LIST



- | | |
|-----------------------------|------------------------|
| 1 INVISION | 2 VELCRO |
| 1 DIAGNOSTIC HARNESS | 2 DYNOJET DECAL |
| 1 USB CABLE | |

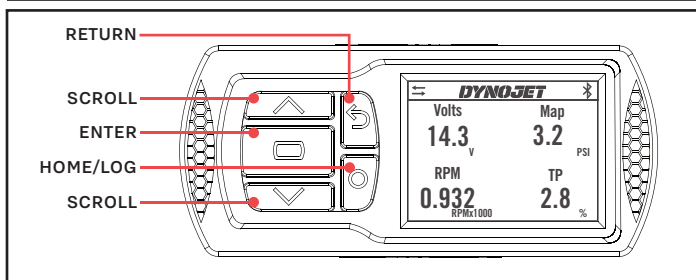
PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION



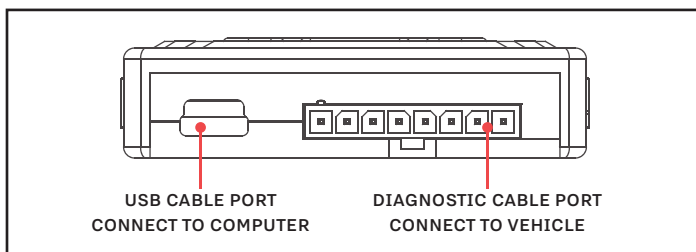
INV-2901.01



INTRODUCTION



INVISION OVERVIEW—FRONT VIEW



INVISION OVERVIEW—SIDE VIEW

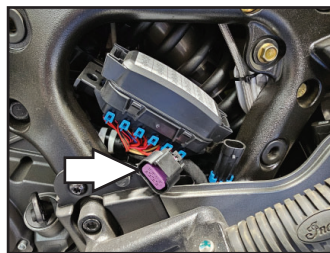
Thank you for purchasing the inVision from Dynojet Research. At Dynojet, our mission is to make every ride the ultimate ride. The inVision allows you to view live data, datalogs, and read/clear DTC's directly on the device.

Use the buttons to navigate the device menus, make selections, cycle through the four full-color available gauge screens, and log data. Connect to the diagnostic port for data monitoring; use the USB connection to interface between the inVision and your computer. Make your inVision yours; display the channels you want to see with four user-customizable full-color gauge screens. Make the inVision your window into your vehicle; secure the inVision to your handlebars to monitor any desired set of gauges such as Throttle Position, Engine Speed, and more. Wideband Air:Fuel Ratio can be added as a channel to the inVision by adding the accessories available at www.dynojet.com. For state of the art technical support, please visit www.dynojet.zendesk.com.

INSTALLING THE INVISION



INSTALLATION



DIAGNOSTIC PORT

- 1 Secure the inVision to the vehicle using the handlebar mount. Make sure the inVision will not interfere with the operation and steering of the vehicle. Visit www.dynojet.com for an array of mounting solutions for your inVision.

Note: The inVision provides a window into your vehicle. Mount the inVision to your handlebars and gain access to customizable full-color gauge screens, along with data logging and troubleshooting screens.

- 2 Attach the diagnostic cable to the diagnostic port on the inVision and to the diagnostic port on the vehicle.
Challenger: located under the left side cover.
Chief/Superchief: located under the left side cover.
Pursuit: located under the left side cover.
Sport Chief: located under the left side cover.

VIEWING THE VEHICLE INFORMATION

This menu allows you to view the device status VIN #, Model ID, ECU serial number, tune compat, and checksum compat. Select **Vehicle Tools>Vehicle Information**.

MAIN MENU	VEHICLE TOOLS	VEHICLE INFO
FLASH TUNE	VEHICLE INFORMATION	PAIRED VEHICLE: MG1-GENERIC
VEHICLE TOOLS	DIAGNOSTICS	PAIRED ECU: MG1-GENERIC
DEVICE TOOLS	READ ECU	VIN: 3NSNME985RF298728
		MODEL ID: 0261S21468
		ECU SN: 000250063533
		TUNE COMPAT: MG1B1G0A0P6
		CSUM COMPAT: B0363EFA

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

Make your inVision yours; display the channels you want to see with four user-customizable full-color gauge screens. Each gauge screen has one, two, or four configurable channels. Monitor channels such as engine temperature or AFR. Sample gauges shown here.

- 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

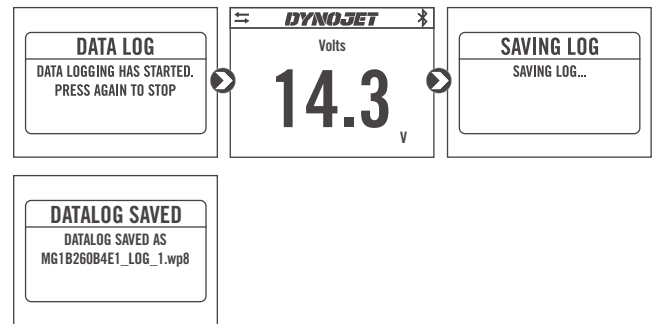
DYNOJET	DYNOJET	DYNOJET
Volts	Volts	Volts
14.3 _v	14.3 _v	14.3 _v
	MAP	MAP
	3.2 _{PSI}	3.2 _{PSI}
		RPM
		0.932 _{RPMx1000}
		TP
		2.8 _%

LOGGING DATA

The inVision is a powerful logging tool to diagnose running issues. Use the inVision to log all vehicle operating data and review the data in the Power Core software. Troubleshoot an issue such as knock, speed/RPM limitation, throttle blade closure and more by keeping the inVision mounted to view and record channels.

- 1 Press the **Log** button to begin logging. The inVision 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.

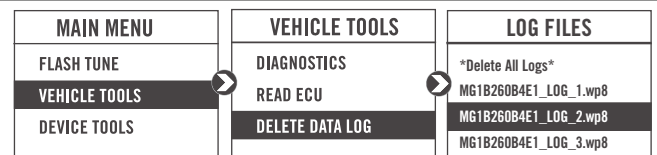
Snapshot Log: Press and hold the **Log** button for two seconds to record the previous two minutes of operating time.



DELETING DATA LOGS

This menu allows you to delete data logs.

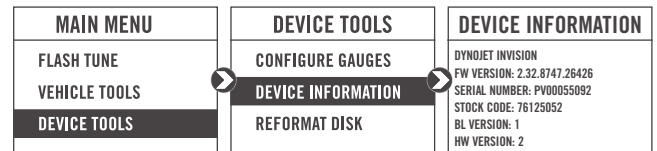
- 1 Select **Vehicle Tools>Delete Data Log**.
- 2 Select a specific log to delete or select ***Delete All Logs***.



VIEWING THE DEVICE INFORMATION

This menu allows you to view the device firmware version, serial number, and stock code.

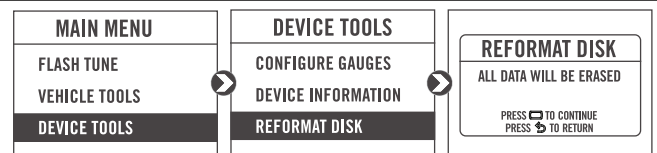
Select **Device Tools>Device Information**.



REFORMATTING THE DISK

This menu allows you to reformat the disk and erase all data.

Select **Device Tools>Reformat Disk**.

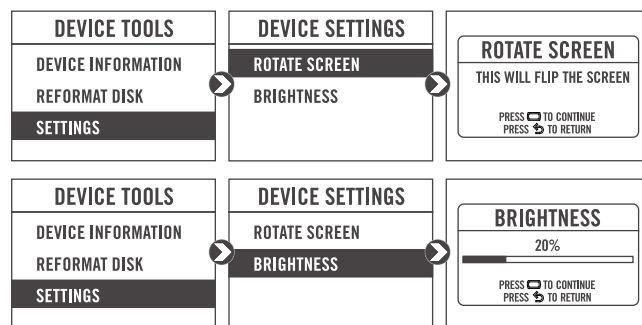


CHANGING THE SETTINGS

This menu allows you to rotate the screen allowing you to change the orientation of the inVision device along with adjusting the screen brightness. Turn the brightness up and make your screen pop!

Select **Device Tools>Settings>Rotate Screen** to flip the screen.

Select **Device Tools>Settings>Brightness** to change the screen brightness.



UPDATING THE DEVICE

This menu allows you to update the device with the latest firmware.

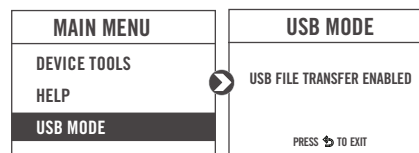
- 1 Go to www.dynojet.com.
- 2 From the top navigation menu, select **Support>Downloads**.
- 3 Click **Power Vision 3**.
- 4 Click the **Firmware** drop-down and download the Power Vision 3 Firmware for Polaris.
- 5 Save the file to your device.
- 6 Select **Device Tools>Update Device**.



USB MODE

This menu allows you to connect your inVision to your computer and enables sending and receiving files.

- 1 Connect the inVision to your computer using the included USB cable. The inVision will automatically enter USB Mode.
OR
From the Main Menu, select **USB Mode**.
- 2 Transfer the desired files to your computer or to the inVision.





TRUTH IN PERFORMANCE

800-992-4993 - [DYNOJET.COM](https://www.dynojet.com)

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