

*Agency Power*

# CAN-AM MAVERICK X3

**VALVETRONIC DUMP RACE PIPE**

**PN: AP-BRP-X3-172**



## OVERVIEW

You just received your new Agency Power cat pipe with the switch activated dump section and need to install it. Installing the actual pipe is pretty simple as this is a direct replacement for the OEM catalytic converter. It retains the factory springs to connect to the muffler, the factory band clamp to the turbo, and has a bung for the factory O2 sensor.

To start, lets look at the part you received. You will have a complete pipe kit, switch, solenoid, vacuum block.



## INSTALL

The switch is a plug and play system. It is designed to go in a blank spot above the start stop button and plug into an existing 12v power source behind the dash. See Below



Locate the white/black connector behind the dash. Remove the white cap and connect the plug & play harness into the plug. See below.



## INSTALL

Here's the connector shown behind the center of the X3's dash.



Connector shown with the white cap/cover removed.



## INSTALL

The next part requires running the loom towards the back of the vehicle. This will get connected to the solenoid that is placed near the engine. The center console is easily removed following the below steps. We recommend removing both the front and rear driver side seats to make routing the wires much easier.



## INSTALL

### VACUUM

**Note:** Route all vacuum hoses and wiring away from heat or moving parts.installation.

Now you need to install the vacuum nipple which will connect to the solenoid. This will allow the valve to open and close at the press of the switch. Locate black block off plate on the intake manifold (See Below)



Next locate and install the included Vacuum reference port. Re-use the the T30 screw (Shown Below)



## INSTALL

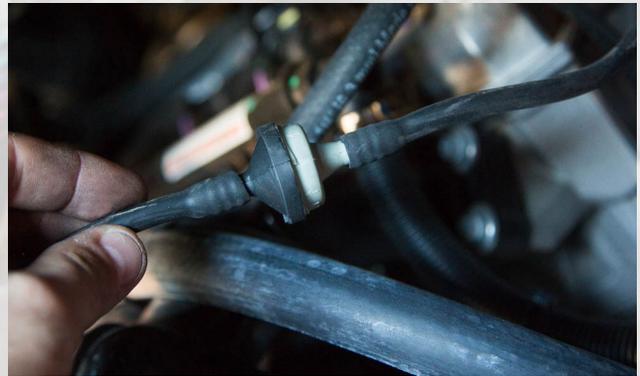
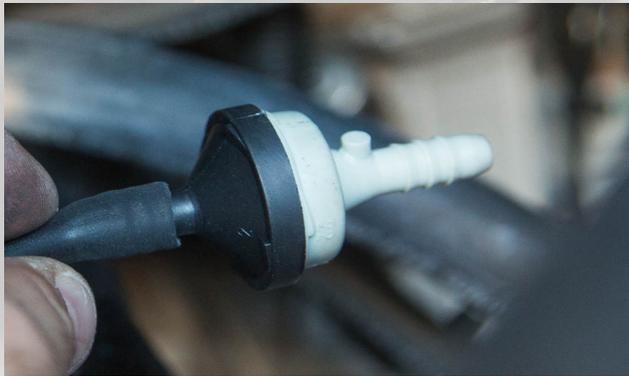
Attach your vacuum hose to the vacuum port. Use the diagrams below to assist with routing your vacuum hoses and placement of the check valve. These need to be connected in the correct configuration or the exhaust valve will not function properly.



### CHECK VALVE FLOW

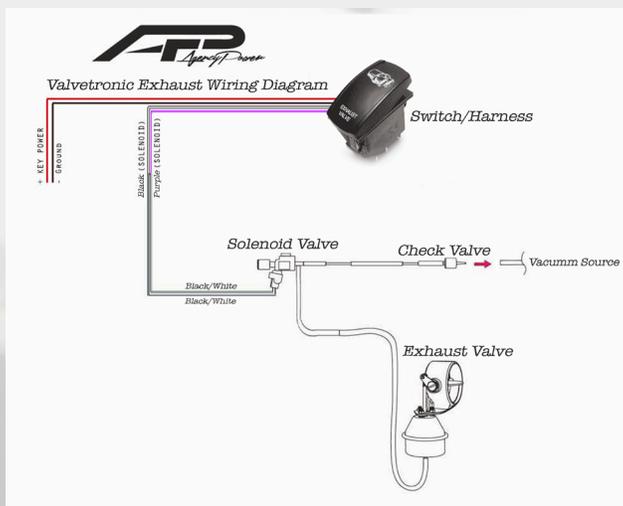


### Solenoid Flow Diagram



## INSTALL

### ELECTRICAL



## COMPLETION

Here is how the installation looks completed.

