396-02-7372

417-7942Y1 Vacuum Sensor Mounting Instructions

About

The Vacuum Sensor (P/N: 416-7089Y1) provides vacuum data to the MVX system. It must be mounted to the vacuum adapter before installation.

IMPORTANT
Drill only vacuum adapters that will have a sensor mounted.

Parts list

Item	Description	Qty
1	Vacuum sensor	1
2	Spring	1
3	1/4" dia hose	1
4	3/8 dia. hose	1
5	Screws	2

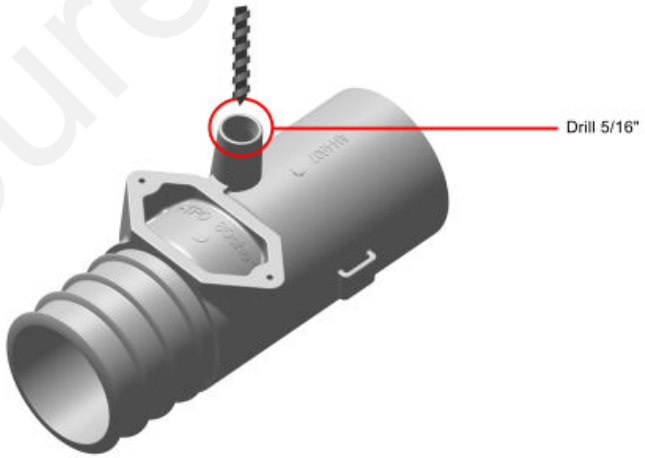
Required tools

To complete the assembly, you will need:

- T15 torx driver
- Drill
- 5/16" bit

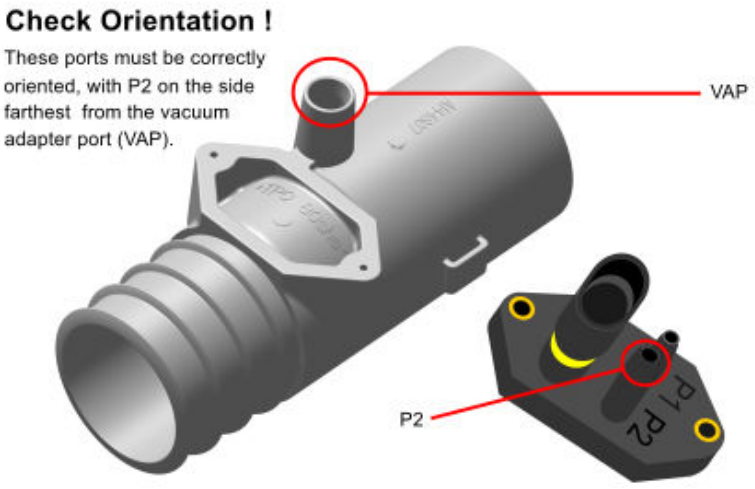
Installation

1. Locate a vacuum adapter (PN 416-6875Y1) from the supplied parts.
2. Drill the port on the vacuum adapter through to the center using a 5/16' drill bit.

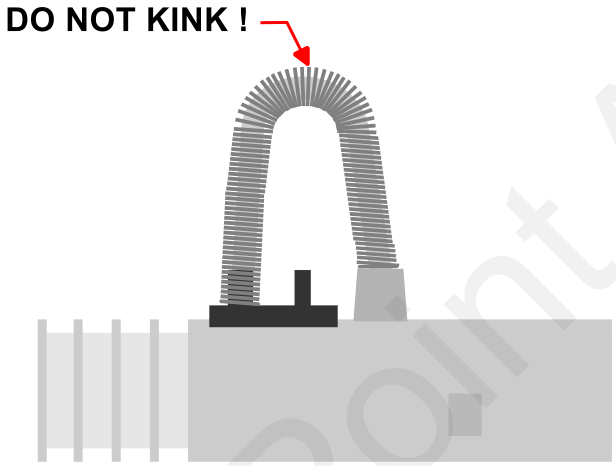


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3. Mount the sensor to the vacuum adapter using two screws. The illustration below shows the correct orientation of the vacuum adapter and sensor.



4. Install one end of the 1/4" hose onto the smaller P1 port of the sensor. This hose is left open to atmospheric pressure.
5. Install one end of the 3/8" hose onto the larger P2 port of the sensor.
6. Slide the spring over the 3/8" hose.



7. Install the other end of the 3/8" hose into the vacuum adapter port.

NOTE
If you are using more than one sensor, repeat the process for each vacuum adapter that will have a sensor installed.

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