



INLINE ADAPTOR

PART NO. DF-17-INL / INSTRUCTIONS REV. 3.1
FOR DUAL FLOW® PCV VALVE DF-17

READ BEFORE INSTALLATION OF INLINE ADAPTOR

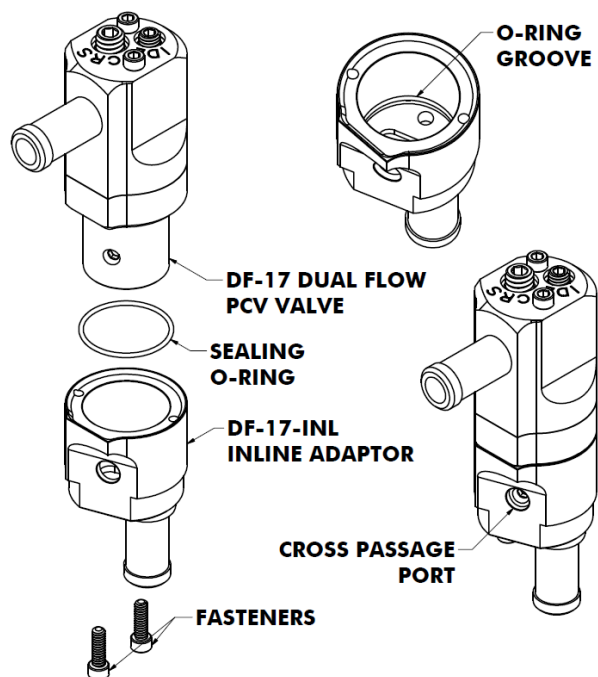
For **full instructions** and **further explanation** of Dual Flow PCV Technology, see the complete *Dual Flow PCV Valve Shop Manual*.

MAINTENANCE

Unlike a stock PCV valve, your Dual Flow PCV Valve is a precision instrument. As such, it should be inspected periodically and cleaned if necessary.

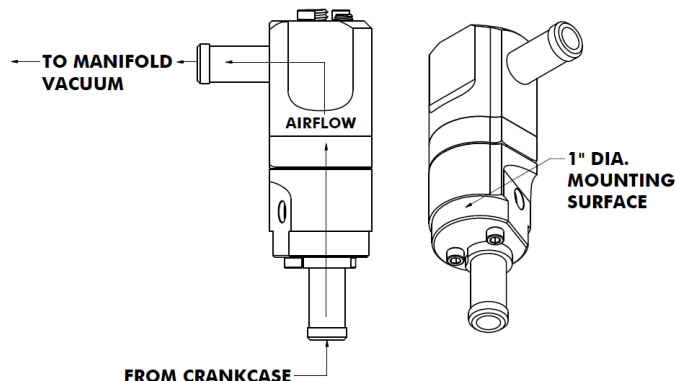
M/E Wagner recommends checking that both the IDLE ball and CRUISE ball are freely moving at every oil change. If oil or sludge buildup impedes the motion of either ball, the Dual Flow PCV Valve must be disassembled and cleaned immediately. ***M/E Wagner is not liable for any damage resulting from improper airflow or loss of backfire protection due to an improperly maintained valve.***

INSTALLATION TO THE DF-17 PCV VALVE



1. Ensure the sealing o-ring is installed in the adaptor's o-ring groove.
2. Apply a light film of oil to the base of the valve where it contacts the sealing o-ring to ease installation.
3. While aligning the cross passage port in the adaptor with the cross passage port in the valve, install the adaptor to the valve's base.
4. Install the (2) fasteners to secure the adaptor to the valve. It is recommended to apply a light coating of anti-seize to the fastener threads before installation.

VEHICLE INSTALLATION AND MOUNTING



1. Connect a manifold vacuum source intended for PCV usage to the manifold vacuum side of the valve using 3/8" ID PCV hose.
2. Connect the crankcase side of the valve to the engine's crankcase using 3/8" ID PCV line. ****As with any PCV system, the crankcase connection point must be properly baffled to prevent excessive oil consumption.***
3. Position the valve in its final location. The valve may be mounted vertically, horizontally or any angle in between. It should not be mounted upside down or any angle past horizontal.
4. If necessary, secure one of the PCV lines to ensure the valve will not vibrate excessively. The lower portion of the adaptor is machined to a 1" diameter mounting surface (see above), and may be secured with a clamp or bracket if desired in this area (clamp or bracket not included).

TUNING

The Dual Flow PCV Valve with the inline adaptor installed uses the same tuning procedures outlined in the *Dual Flow PCV Valve Shop Manual*.

If it is necessary to change or remove the CRUISE circuit spring per the *Shop Manual* instructions, the inline adaptor does not need to be removed.

Per the illustration, the (2) main body fastening screws may be removed to access the CRUISE circuit spring while leaving the inline adaptor installed.

