



**Instructions for installing the Forge FMDV004 valve using the FMFK051 Fitting Kit to a Vauxhaul / Opel Vectra 2.0 T**



Forge Motorsport can accept no responsibility for the installation of this product, if in doubt, please seek assistance from a competent technician.

Remove the air intake pipe, filter and associated pipes connected to it. Unplug the air sensor plug and disconnect the vacuum pipe to the existing re-circulating valve. (this is on the turbo at the rear of the engine) Undo the three Star bolts fixing the re-circulation valve to the turbo housing carefully ensuring that the gasket is not damaged. The gasket is then retained for use when fitting the blanking plate supplied with the kit. Now install the blanking plate, using the original gasket and re-install the air intake and filter etc ensuring that you reconnect any hoses (should just be the one which is from the actuator)

Now remove the engine cover by removing the three Star bolt fixing screws.

Remove the intake pipe (rubber) from the inlet manifold / plastic pipe with solenoid. Remove approximately 50mm from the rubber pipe, to allow insertion of the "T" piece, just after the bend on the right hand side (the solenoid end). This will involve cutting a section out of the hose using a sharp craft knife or similar and great care should be taken. Now refit the two sections of hose to the inlet manifold and plastic pipe. Insert the polished "T" piece and angle so that once the dump valve is installed it will not foul the engine cover.

Use the large clamps to secure the hose to the "T" piece. Fit the silicone hose (supplied) to the valve and to the "T" piece using the smaller of the supplied clamps. Install the new length of silicone vacuum hose (supplied) from the dump valve to the existing vacuum pipe which was disconnected from the original re-circulating valve using the supplied plastic coupler. Check all connections are secure and road test the vehicle.