



AC129400 - Balance pipe and jetting kit for 34 ICT / 34 EPC carb kits

Fitting a balance pipe kit between the inlet manifolds on 34 ICT / EPC carb kits is recommended to improve the idle stability and Idle emissions. The firing order of the engine results in uneven cylinder mixing at idle, with cylinders 2 and 4 running rich at idle, and cylinders 1 and 3 misfiring. This was recognised by VW who fitted a balance pipe to all engines with similar configuration carburettors, and this kit provides a solution for the 34 ICT / EPC carb kits which are a common and well proven carburettor kit on VW Aircooled engines.

Kit includes:

- 1m x ½" Servo hose
- Pair of Hose barbs, 3/8" NPT thread
- Hose clips
- 145 Main Jets

The object is to install the fittings into the inlet manifolds with the fittings above cylinders 1 and 3 so that the servo hose passes around behind the fan-housing. The positioning is important – too high and the hose will foul the underside of the carburettor, too low and it will make spark-plug removal difficult.

The 145 main jet supplied is a good starting point for engines above 1600cc, such as the SSP 1641 engine with Engle 100 camshaft. Using the 130 main jet that comes supplied in the carbs as standard will result in lean running and potential engine damage on non-standard engines.



Fitting above Cylinder 1



Fitting above Cylinder 3



Typical location (Cylinder 1, Cylinder 3 is mirror image)