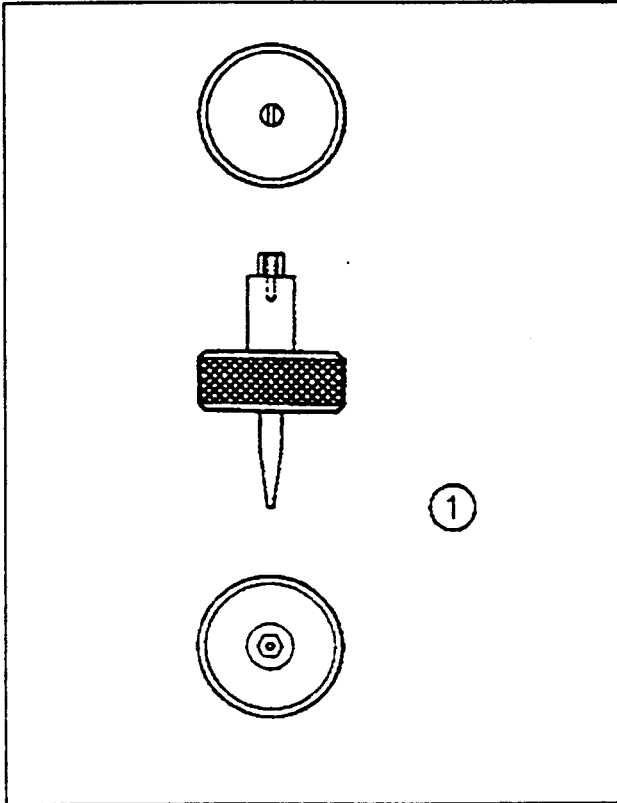


FORD & WEBER CARBURETTORS



STANDARD PARTS LIST

1. VS051 Carburettor Setting Tool

Applications

Ford & Weber carburettors with recessed tamper proof mixture adjusting screws as fitted to Fiesta, Escort and Orion (1989 onwards).

Introduction

Correct idle speed and mixture adjustment is essential for economical running and to comply with MOT emission regulations. The VS051 is required to adjust the mixture on the above applications, however, it is also suitable for many other applications on a wide variety of carburettor, throttle and mixture adjustment screws. The VS051 is especially designed to enable the technician to adjust recessed tamper proof hexagonal socket and slotted adjusting screws. The compact design of the tool allows the technician to be able to locate and apply the tool easily and safely by using the precision knurled centre body.

Instructions for use

For detailed and precise instructions on the correct use of this tool always refer to the vehicle manufacturers instructions.

1. Check that plugs, valve clearances and ignition timings are set correctly. Switch off / isolate all electrical accessories. Check Induction system for leaks and ensure that all vacuum/ breather hoses are correctly connected.
2. Run engine to normal operating temperature. Attach a tachometer and exhaust gas analyser to the engine in accordance with the manufacturer's instructions. Where specified, disconnect the cooling fan sensor and bridge the connector terminals with wire so that the fan operates throughout the setting procedure.
3. Where necessary for access, unbolt the air filter assembly and place clear of the carburettor with vacuum hoses connected.
4. Run the engine at 3000rpm. for 30 seconds to clear the manifold.
REPEAT EVERY 30 SECONDS TO PREVENT FUEL VAPOUR BUILD UP.
5. Adjust the idle speed screw to achieve the correct rpm reading.
6. The idle mixture screw should only be adjusted when using a CO meter. Check the CO level against the specified value. If necessary, remove the tamper proof plug and adjust the idle mixture screw to achieve the correct CO reading.
7. Repeat steps 5 & 6 until both adjustments are correct.
8. Fit a new tamper proof plug, refit the air filter assembly and re-connect the cooling fan (as appropriate).

Health And Safety

Do not smoke.

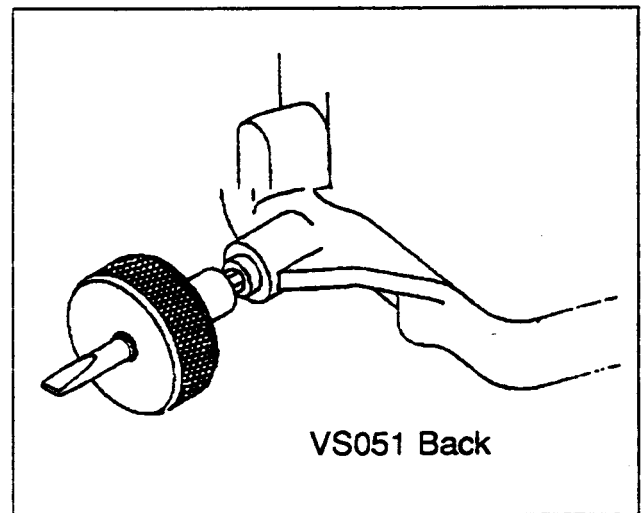
No naked flames or sparks.

Beware of fuel spray spillage on engine at all times.

Avoid contact with hot parts of the engine.

Beware of moving parts during adjustments.

Work in well ventilated area.



SEALEY Professional
TOOLS
AUTO SERVICE LINE



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