

DISCONNECT THE BATTERY EARTH TERMINAL**AIR FILTER REMOVAL**

- Unclip the HT leads and vacuum pipe from the air filter.
- Disconnect the large and small engine breather hoses from the connection on the underside of the air filter above the dipstick.
- Undo the three fixing screws located in the centre of the air filter top cover.
- Lift the air filter, to locate and remove the small red vacuum pipe from the connection to the manifold and to remove the electrical connector from the sensor on the underside of the air filter.
- Lift clear the complete air filter assembly.

AUTOMATIC CHOKE WATER HOUSING REMOVAL

- Remove the water housing by removing the three small fixing screws from the carburettor.

THROTTLE CONNECTING ROD DISCONNECTION

- Disconnect the throttle connecting rod from the carburettor by removing the spring fixing clip.
N.B. Retain the clip as it will be required in the new installation.

VACUUM PIPE DISCONNECTIONS

- Disconnect the small vacuum pipe from the carburettor that leads to the thermo switch connection on the underside of the inlet manifold.
N.B. Completely remove the vacuum pipe and blank off the remaining thermo switch connection with a rubber blanking plug (1) provided.

ELECTRICAL DISCONNECTION

- Disconnect the idle solenoid feed wire from the carburettor.

FUEL LINE DISCONNECTION

- Disconnect the fuel line from the carburettor.

CARBURETTOR REMOVAL

- Remove the four securing bolts located within the carburettor top air filter flange using the TORX screwdriver (2) supplied.
- Lift clear the complete carburettor assembly.
- Remove the carburettor base gasket and clean any remaining gasket from the inlet manifold face.
- Remove the vacuum capsule and pipe assembly from the two vacuum pipes on the carburettor. Retain assembly for installation on the new WEBER carburettor.

CARBURETTOR FITTING

- Fit the original block gasket in place. Use the two face gaskets (3) supplied, where necessary.
- Position the new WEBER carburettor onto the insulator block ensuring that the fuel pipe is positioned nearest the front of the vehicle.

- Secure the carburettor in position with the four original fixing screws using the TORX screwdriver (2).
- Reconnect the original vacuum capsule and pipe assembly to the new carburettor. The pink/black/white capsule to the vacuum pipe (adjacent to the fuel pipe) and the black capsule/filter to the pipe (adjacent to the idle mixture screw).

AUTOMATIC CHOKE WATER CONNECTION

- Allow the engine to cool, then carefully release any remaining pressure from the cooling system by removing, then refitting the radiator / expansion bottle cap.
- Disconnect the two hoses from the original automatic choke water housing and connect to the choke water housing on the new WEBER carburettor. Secure the hose connections with the two new hose clips (4) provided.
N.B. A small amount of coolant may be lost, but if the operation is carried out by the method described, it should not be necessary to drain the cooling system.

FUEL LINE CONNECTION

- Connect the original fuel line to the inlet pipe on the carburettor. Secure in place using the fuel line clip (5) provided.

THROTTLE CONNECTING ROD CONNECTION

- Reconnect the throttle connecting rod to the carburettor using the original spring fixing clip.
- With the accelerator pedal in the full throttle position, adjust the accelerator outer cable spring clip so as to obtain full throttle without stressing the linkage. Check that the throttle returns correctly to the idle position.

IMPORTANT : Check the throttle operation before starting or road testing the vehicle.

ELECTRICAL CONNECTION

- Reconnect the electrical feed wire from the vehicle to the idle solenoid on the carburettor.

AIR FILTER FITTING

- Refit the air filter assembly taking care to locate the short air ducting pipes from the exhaust manifold and grill. Ensure that the rubber sealing ring (if originally fitted) is positioned between the air filter and carburettor.
- Secure the air filter in position using the original fixing screws.
- Reconnect the electrical connector to the air temperature sensor on the underside of the air filter.
- Reconnect the small red vacuum pipe to the connection on the inlet manifold.
- Reconnect the large and small engine breather hoses to the connection on the underside of the air filter above the dipstick.
- Clip the HT leads and vacuum pipe to the casing of the air filter.

STARTING PROCEDURE AND IDLE MIXTURE ADJUSTMENTS

- Reconnect the battery earth terminal.
- Depress and release the throttle pedal once to engage the carburettor automatic choke mechanism.
- Turn the key to crank and start the engine. As the engine warms up and the revs increase, depress the accelerator slightly to allow the automatic choke to disengage.
- Normal operating temperature is reached when the throttle lever has returned fully to the idle stop screw.
- Set the engine idle speed to approximately 850 RPM by adjusting the idle stop screw.
- Adjust the idle mixture screw to obtain the highest engine speed.
- Repeat the last two operations (c & d) as necessary so that the highest attainable engine speed by adjusting the mixture screw is 850 RPM.
- The final adjustment should be made by turning the mixture screw approximately half a turn clockwise to weaken the mixture and so obtain the emission value of C.O. 1.25 +/- 0.25% VOL. The engine idle speed should now stabilise at 800 RPM.

IMPORTANT: In order to achieve the maximum benefit from your new WEBER carburettor, we advise that the condition of your engine be checked. Also a routine engine tune is recommended, all settings to the manufacturers specifications and replace service items where necessary. Where varying engine conditions exist some individual calibration changes/adjustments may be necessary.

Should you experience any difficulties regarding the application of this kit please contact your nearest WEBER dealer.

As our policy is for continual improvement we reserve the right to alter specifications without prior notice.

Please complete and return the free post product registration card provided with this kit.

CALIBRATION

FORD 1.4 CVH

Escort / Orion / Fiesta

Manual Transmission

Carburettor 28/32 TLDM OB

	<u>Primary</u>	<u>Part No.</u>	<u>Secondary</u>	<u>Part No.</u>
Main jet.....	115	73801115	185	73801185
Air corrector.....	200	77201200	245	77201245
Emulsion tube.....	F106	61440235	F24	61440213
Idle jet.....	45	74414045		
Pump jet.....	40	76426040		
Needle valve.....	175	79522175		
Float level (with gasket)	29.0mm +/-0.25			

PARTS

<u>Part No.</u>	<u>Description</u>	<u>Qty</u>	<u>No.</u>
99901195	Rubber Blanking Cap	1	1
99900933	TORX Screwdriver	1	2
99901185	Gasket	2	3
99900475	Water Hose Clip	2	4
99900012	Fuel Line Clip	1	5



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