

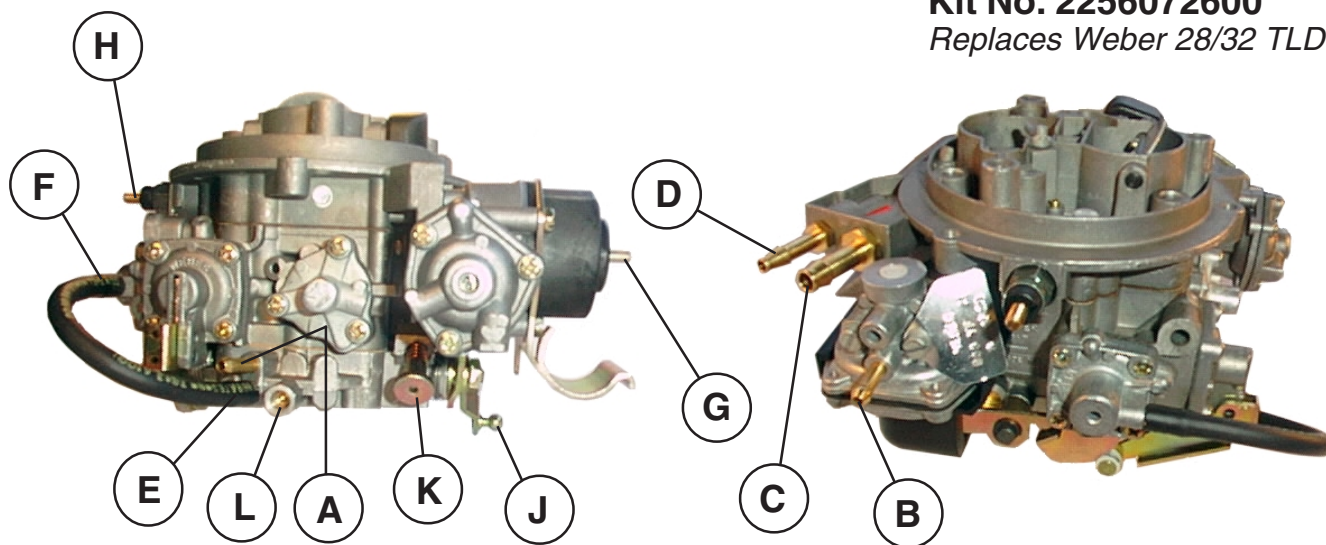
WEBER[®] CARBURETTORS

FORD SIERRA 2.0 DOHC

1989 on / Non Cat.

Kit No. 2256072600

Replaces Weber 28/32 TLDM



DISCONNECT THE BATTERY EARTH TERMINAL

AIR FILTER REMOVAL

- Disconnect the cold air intake trunking from the air filter.
- Disconnect the small vacuum pipe leading from the thermostats located on the underside of the air filter, at the connection to the inlet manifold.
- Undo the three air filter retaining screws and lift the assembly upwards to allow disconnection of the engine breather pipe, lift clear the air filter assembly.

FUEL LINE DISCONNECTION

- Disconnect the fuel supply and return lines from the connections on the carburettor.

ELECTRICAL DISCONNECTION

- Disconnect the electrical feed wire to the carburettor automatic choke housing.
- Disconnect the electrical feed wire to the idle shut off solenoid.

ACCELERATOR CABLE DISCONNECTION

- Disconnect the accelerator inner cable from the carburettor throttle lever by removing the spring clip.

N.B. Retain the securing clip for the new installation.

VACUUM PIPEWORK REMOVAL (*Manual transmission only*)

- Remove the cable tie, which retains the array of vacuum pipes adjacent to the fuel inlet unions.
- Remove the vacuum pipe from the carburettor which contains the bleed and one way valves, this must be reconnected to the new WEBER carburettor the same way around between the vacuum pipe 'A' and the throttle jack 'B'.

VACUUM PIPE DISCONNECTION (*Automatic transmission only*)

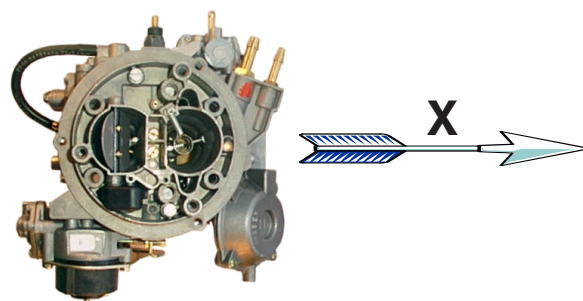
- Disconnect the vacuum pipe complete with the T piece assembly at both the connections to the carburettor.

CARBURETTOR REMOVAL

- Release the large diameter cooling hose from the spring retaining clip beneath the carburettor automatic choke housing.
- Undo the four Torx drive screws located on the carburettor top cover using the Torx screwdriver tool (1) provided; lift clear the complete carburettor assembly.
- Remove the insulator gasket from the inlet manifold, and clean any remaining gasket material from the inlet manifold face.

CARBURETTOR FITTING

- Place the original insulator block gasket onto the inlet manifold using the two new face gaskets (2) provided.
- Fit the new **WEBER** carburettor as shown below, arrow 'X' indicating the front of the vehicle. Secure using the four original Torx screws and tighten using the Torx screwdriver tool (1) supplied.
- Refit the large diameter water hose to the spring retaining clip beneath the carburettor automatic choke housing.



FUEL LINE CONNECTION

- Reconnect the fuel supply line from the fuel pump to fuel union 'C' and return line to fuel union 'D' on the carburettor.

VACUUM PIPE CONNECTION (*Automatic transmission only*)

- Disconnect and remove the vacuum pipe between positions 'E' and 'F' on the carburettor.
- Reconnect the original vacuum pipes from the automatic gearbox, to positions 'E' and 'F' on the carburettor.
- Using the two-rubber caps (3) provided, blank off the pipe at position 'A' and the pipe at position 'B'.

VACUUM PIPE CONNECTION (*Manual transmission only*)

- Reconnect the vacuum pipe with the bleed and one way valve to the vacuum pipe 'A' and the throttle jack pipe 'B' in the same way as when disconnected.
- Secure the vacuum pipes to the carburettor using the cable ties (4) supplied.

ELECTRICAL CONNECTION

- Reconnect the electrical feed wire to terminal 'G' the automatic choke housing.
- Reconnect the electrical feed wire to the idle shut off solenoid 'H'.

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ACCELERATOR CABLE CONNECTION

- Reconnect the accelerator inner cable back onto the carburettor throttle lever 'J' using the original spring clip.
- Adjust the outer cable to give full throttle without stressing the throttle linkage.

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

AIR FILTER FITTING

- Place the air filter over the carburettor and reconnect the engine breather pipe before lowering into position, ensure that the hot air ducting is in alignment with the exhaust manifold. Secure using the three original screws.
- Reconnect the vacuum pipe leading from the thermost switch beneath the air filter to the union on the inlet manifold.
- Reconnect the air intake trunking to the air filter assembly and secure with the original plastic clip.

STARTING PROCEDURE & IDLE MIXTURE ADJUSTMENT

- Reconnect the battery earth terminal.
- Turn the key to crank and start the engine; the automatic choke should maintain approximately 1,200 RPM until normal operating temperature is attained.
- Set the engine idle speed to approximately 900 RPM by adjusting the idle stop screw 'K'.
- Adjust the idle mixture screw 'L' using a 3mm Allen key 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 'L' is 900 RPM.
- The final adjustment is made by turning the mixture screw 'L' approximately a half turn clockwise to weaken the mixture and so obtain the exhaust emission valve C.O. 1.0 – 1.5% vol. The engine speed should now stabilize at approximately 850 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 dealer.

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

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

CALIBRATION

**Ford Sierra 2.0 DOHC 1989 on
Carburettor 28/32 TLDM 6S**

	<u>Primary</u>	<u>Part No.</u>	<u>Secondary</u>	<u>Part No.</u>
Main Jet	115	73801115	157	73801157
Air Corrector	175	77201175	145	77201145
Emulsion Tube F114	6144011507		F3	6144018101
Idle Jet	47	74871047	80	74871080
Pump Jet	40	76426040		
Float level 29mm +/- 0,25mm				

SPARE PARTS

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>TEXT NO.</u>
9990093300	Torx Screwdriver	1	1
9990118500	Gasket	2	2
9990119500	Rubber Blanking Cap	2	3
9990005700	150mm Tie Wrap	3	4

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