

DCOE AND IDA IDLE JET SELECTION

With the exception of the DCOE and IDA series carburetors, the idle circuitry on all Webers incorporates a replaceable idle jet with a calibrated fuel orifice and uncalibrated air entry orifices. The air for idle emulsion is drawn through a calibrated bushing usually pressed or drilled into the carburetor casting.

The DCOE series carburetors utilize replaceable idle jets that have calibrated fuel and air orifices. They are stamped with a fuel orifice size, followed by an "F" number that identifies the air orifice area; the jets are drilled with one or two air openings of various sizes in addition to the fuel orifice. This table lists the range of fuel orifice sizes available for each "F" number.

Remember that Weber doesn't assign "F" numbers sequentially rich or lean. According to experienced Weber tuners, DCOE idle jet "F" numbers can be chosen from this sequence:

(RICH) F6-F12-F9-F8-F11-F13-F2-F4-F5-F7-F1-F3 (LEAN)

The fuel orifice size most commonly used as a starting point is 0.50mm, which is available for all "F" numbers except F4 (use 0.45mm), F19 (0.45mm only), or F24 (0.45mm only)

DCOE IDLE JET TABLE

	F#	AVAILABLE FUEL ORIFICES	WEBER P/N
RICH	F6	0.40—0.70mm	74819.XXX
	F12	0.40—0.55mm	74825
NORMAL	F9	0.40—0.65mm	74822
	F8	0.40—0.65mm	74821
	F11	0.40—0.70mm	74824
	F13	0.40—0.55mm	74826
	F2	0.40—0.55mm	74815
	F4	0.40—0.65mm	74817
	F5	0.40—0.70mm	74818
	F7	0.40—0.55mm	74820
LEAN	F1	0.40—0.55mm	74814
	F3	0.40—0.70mm	74816

OTHER TUBES AVAILABLE

F14	0.50 only	74827
F15	0.50 only	74828
F17	0.50—0.55mm	74830
F18	0.50 only	74831
F19	0.45 only	74832
F21	0.55 only	74833
F22	0.50 only	74834
F24	0.45 only	74836
F26	0.50-0.55mm	74838

IDA carburetors utilize idle jet holders, each with a calibrated air orifice of 0.60mm, 1.00mm, or 1.20mm. The idle jets, stamped "F10" to identify them as IDA jets, are available with fuel orifices ranging from 0.40mm to 0.80mm in 0.05mm increments.