Manufacturer	Citroën	Citroën	Citroën
Model	BX 14	LNA 11E, 11RE	Visa (954 cc)
Year	1988 to 1992	1982 to 1986	1985 to 1987
Engine code	K1G (TU3A)	XW7 (1095F)	108C (XV8)
Capacity (cm³)/no. of cyls	1360/4	1124/4	954/4
Oil temperature (°C)	90	80	80
Transmission	–	–	–
Carb. ident. (Solex)	34 PBISA 17 13643	32 PBISA 12 13168	32 PBISA 12 13378
Carb. ident. (vehicle)	481	CIT 341	370
Idle speed (rpm)	750 ± 50	725 ± 25	725 ± 25
Fast idle speed (rpm)	–	–	–
CO @ idle (% vol.)	0.8 to 1.2	0.8 to 1.2	0.8 to 1.2
Special conditions	–	–	–
Stage (venturi)	1	1	1
Venturi diameter (K)	26	24	25
Idle jet (g)	44 ± 2	44	46
Main jet (Gg)	132 ± 5	120	122
Air correction jet (a)	155 ± 10	170	155
Emulsion tube (s)	EC	–	
Accelerator pump jet (i)	40	35	35
Float level (mm)	38	38	38
Needle valve (mm) (P)	1.6	1.6	1.6
Basic throttle position (PF)		–	–
Idle position (PRN)	–	–	–
Idle position (ORF)		–	–
Choke fast idle gap (mm)	0.6	0.75	0.8
Fast idle position (OP)	18°	21°	–
Fast idle position (OPF)	–	–	–
Fast idle position (OPR)		14°05′	–
Choke pull-down (mm) (OVAD)	3.5		–
Vent valve (mm)	–	–	–

Manufacturer	Citroën	Citroën	Citroën
Model	Visa II L, Super E	Visa II L, Super E	Visa 11E, 11RE & Convertible
Year	1981 to 1983	1981 to 1983	1983 to 1987
Engine code	109/5E/5F (XW7)	109/5E/5F (XW7)	109/5F (XW7)
Capacity (cm³)/no. of cyls	1124/4	1124/4	1124/4
Oil temperature (°C)	80	80	80
Transmission	MT	AT	–
Carb. ident. (Solex)	32 PBISA 12 13168	32 PBISA 12 13168	32 PBISA 12 13377
Carb. ident. (vehicle)	CIT 341	CIT 341	CIT 341
Idle speed (rpm)	750 ± 50	700 ± 50	700 ± 50
Fast idle speed (rpm)	–	–	–
CO @ idle (% vol.)	1.5 ± 0.5	0.8 to 1.2	0.8 to 1.2
Special conditions	–	–	–
Stage (venturi)	1	1	1
Venturi diameter (K)	24	24	24
Idle jet (g)	44	44	44
Main jet (Gg)	120	120	120
Air correction jet (a)	170	170	170
Emulsion tube (s)	–	–	
Accelerator pump jet (i)	35	35	35
Float level (mm)	38	38	38
Needle valve (mm) (P)	1.6	1.6	1.6
Basic throttle position (PF)		–	
Idle position (PRN)	–		–
Idle position (ORF)		–	–
Choke fast idle gap (mm)	0.75	0.75	0.75
Fast idle position (OP)		–	–
Fast idle position (OPF)	–		–
Fast idle position (OPR)	14°05′	14°05′	14°05′
Choke pull-down (mm) (OVAD)	–	–	–
Vent valve (mm)		–	–

Manufacturer	Citroën	Citroën	Citroën
Model	Visa Super X	Visa 14 TRS	C15E 1360 Super Van
Year	1981 to 1982	1984 to 1986	1986 to 1988
Engine code	129/5 (XZ5X)	150D (XY7)	150D (XY7)
Capacity (cm³)/no. of cyls	1219/4	1360/4	1360/4
Oil temperature (°C)	80	80	80
Transmission	–	–	–
Carb. ident. (Solex)	32 PBISA 11 13052	34 PBISA 12 13589	32 PBISA 12 13589
Carb. ident. (vehicle)	CIT 240	350	350

Manufacturer	Citroën	Citroën	Citroën
Model	Visa Super X	Visa 14 TRS	C15E 1360 Super Van
Year	1981 to 1982	1984 to 1986	1986 to 1988
Idle speed (rpm)	925 ± 25	725 ± 25	725 ± 25
Fast idle speed (rpm)	–	–	–
CO @ idle (% vol.)	1.5 ± 0.5	2.0 ± 0.5	0.8 to 1.2
Special conditions	–	–	–
Stage (venturi)	1	1	1
Venturi diameter (K)	25	26	26
Idle jet (g)	42	45	45
Main jet (Gg)	127.5	130	130 ± 5
Air correction jet (a)	160	160	160
Emulsion tube (s)	–	EC	EC
Accelerator pump jet (i)	40	40	40
Float level (mm)	38	38	38
Needle valve (mm) (P)	1.5	1.6	1.6
Basic throttle position (PF)	–	–	–
Idle position (PRN)	–	–	–
Idle position (ORF)	–	–	–
Choke fast idle gap (mm)	0.90	0.75	0.75
Fast idle position (OP)	–	20°40′	20°40′
Fast idle position (OPF)	–	–	–
Fast idle position (OPR)	–	–	–
Choke pull-down (mm) (OVAD)	–	3.5	–
Vent valve (mm)	–	–	–

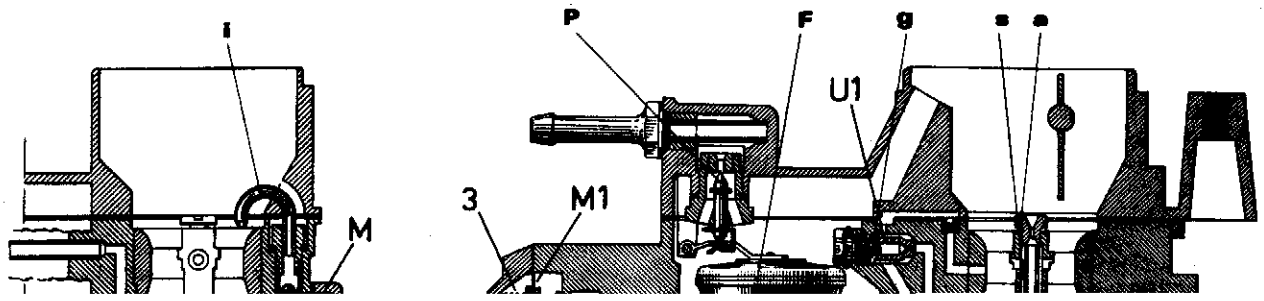
Manufacturer	Citroën	Citroën	Citroën
Model	C15E 1360 Super Van	C25E 1.8	C25E 1800
Year	1988 to 1992	1987 to 1988	1989 to 1991
Engine code	K1G	XM7T (169)	170C (XN1TA)
Capacity (cm³)/no. of cyls	1360/4	1796/4	1971/4
Oil temperature (°C)	90	90	90
Transmission	–	–	–
Carb. ident. (Solex)	34 PBISA 17 13643	34 PBISA 16 13434	34 PBISA 16
Carb. ident. (vehicle)	481	A315	PSA 425
Idle speed (rpm)	750 ± 50	800 ± 50	825 ± 25
Fast idle speed (rpm)	–	–	–
CO @ idle (% vol.)	0.8 to 1.2	1.5 ± 0.5	1.5 ± 1.0
Special conditions	–	–	–
Stage (venturi)	1	1	1
Venturi diameter (K)	26	25	25
Idle jet (g)	44 ± 2	44 or 46	45
Main jet (Gg)	132 ± 5	130	127.5
Air correction jet (a)	155 ± 10	160 or 170	155
Emulsion tube (s)	EC	01	–
Accelerator pump jet (i)	40	50	50
Float level (mm)	38	38	38
Needle valve (mm) (P)	1.6	1.6	1.6
Basic throttle position (PF)	–	–	–
Idle position (PRN)	–	9°	9°
Idle position (ORF)	–	–	–
Choke fast idle gap (mm)	0.6	0.90	–
Fast idle position (OP)	18°	21°45′	20°
Fast idle position (OPF)	–	–	–
Fast idle position (OPR)	–	–	–
Choke pull-down (mm) (OVAD)	3.5	–	–
Vent valve (mm)	–	–	–

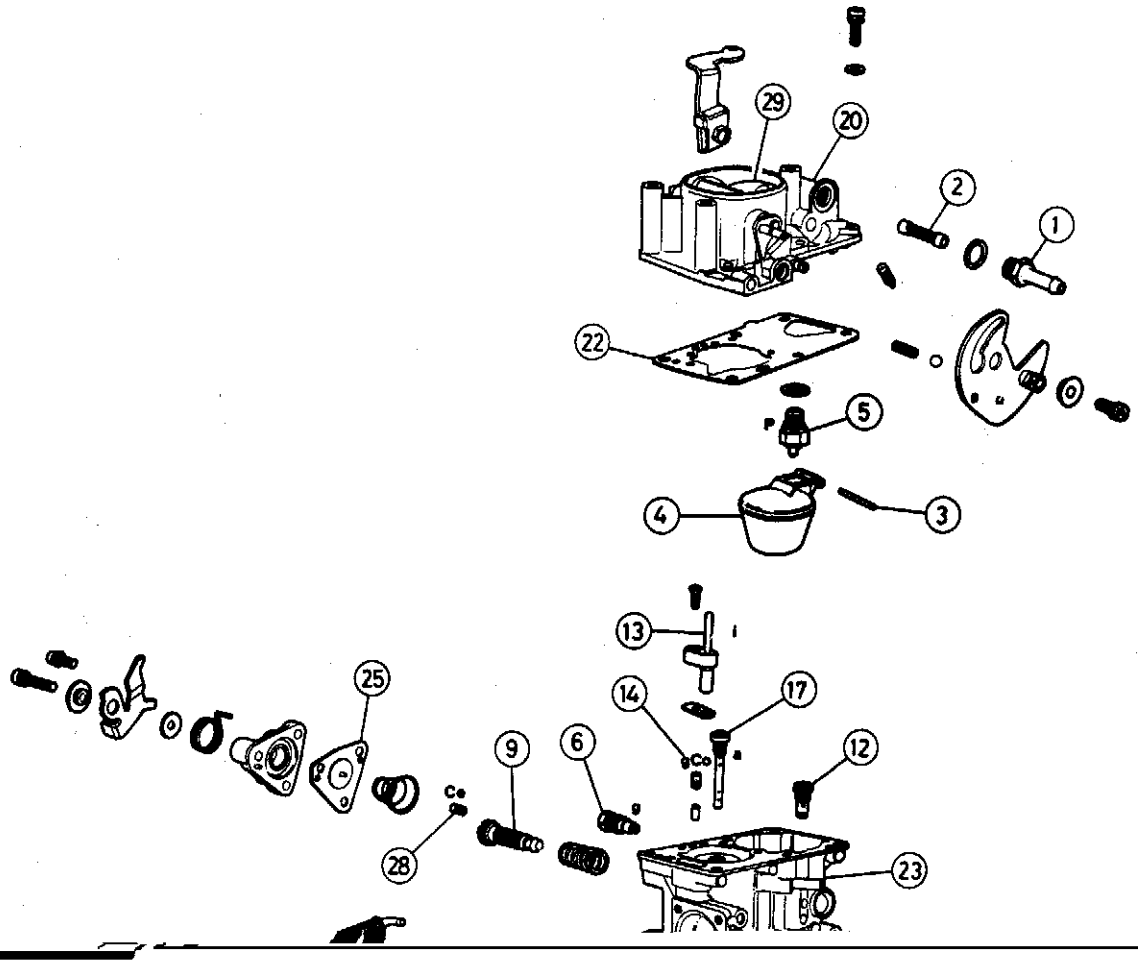
Manufacturer	Citroën	Fiat	Fiat
Model	C25E 2.0	Ducato 1.8	Ducato 2.0
Year	1987 to 1992	1982 to 1988	1982 to 1986
Engine code	XN1T (170B)	XM7T (169B) OHV	XN1T (170B) OHV
Capacity (cm³)/no. of cyls	1971/4	1796/4	1971/4
Oil temperature (°C)	90	90	90
Transmission	–	–	–
Carb. ident. (Solex)	34 PBISA 16 13434	34 PBISA 16 13434	34 PBISA 16 13434
Carb. ident. (vehicle)	A315	PEU A315	PEU A315
Idle speed (rpm)	825 ± 25	850 ± 50	900
Fast idle speed (rpm)	–	–	–
CO @ idle (% vol.)	1.5 ± 1.0	3.0 max	3.0 max
Special conditions	–	–	–
Stage (venturi)	1	1	1
Venturi diameter (K)	25	25	25

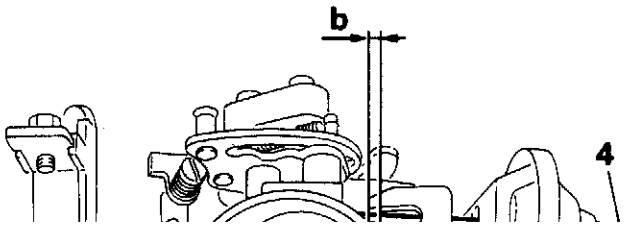
Manufacturer	Citroën	Fiat	Fiat
Model	C25E 2.0	Ducato 1.8	Ducato 2.0
Year	1987 to 1992	1982 to 1988	1982 to 1986
Idle jet (g)	44 or 46	44 or 46	44 or 46
Main jet (Gg)	130	130	130 a 5
Air correction jet (a)	160 or 170	160 or 170	160 or 170
Emulsion tube (s)	01	01	01
Accelerator pump jet (i)	50	50	50
Float level (mm)	38	38	38
Needle valve (mm) (P)	1.6	1.6	1.6
Basic throttle position (PF)	–	–	–
Idle position (PRN)	9°	9°	9°
Idle position (ORF)	–	–	–
Choke fast idle gap (mm)	0.90	0.90	0.90
Fast idle position (OP)	21°45′	21°45′	21°45′
Fast idle position (OPF)	–	–	–
Fast idle position (OPR)	–	–	–
Choke pull-down (mm) (OVAD)	–	–	–
Vent valve (mm)	–	–	–

Manufacturer	Fiat	Fiat	Peugeot
Model	Ducato 2.0	Ducato 2.0 Maxi	104 (954 cc)
Year	1986 to 1992	1986 to 1992	1979 to 1983
Engine code	XN1T (170B) OHV	XN1TA (170C) OHV	XV5 (108)
Capacity (cm³)/no. of cyls	1971/4	1971/4	954/4
Oil temperature (°C)	90	90	80
Transmission	–	–	–
Carb. ident. (Solex)	34 PBISA 16 13434	34 PBISA 16	32 PBISA 11
Carb. ident. (vehicle)	PEU A315	PSA 425	A205
Idle speed (rpm)	825 ± 25	925 ± 25	925 ± 25
Fast idle speed (rpm)	–	–	–
CO @ idle (% vol.)	1.5 ± 0.5	1.75 ± 0.25	1.5 ± 0.5
Special conditions	–	–	–
Stage (venturi)	1	1	1
Venturi diameter (K)	25	25	24
Idle jet (g)	44 or 46	45	39
Main jet (Gg)	130 ± 5	127.5	122.5 ± 2.5
Air correction jet (a)	160 or 170	155	185
Emulsion tube (s)	01	–	–
Accelerator pump jet (i)	50	50	40
Float level (mm)	38	38	38
Needle valve (mm) (P)	1.6	1.6	1.5
Basic throttle position (PF)	–	–	–
Idle position (PRN)	9°	9°	–
Idle position (ORF)	–	–	–
Choke fast idle gap (mm)	0.90	–	–
Fast idle position (OP)	21°45′	20°	19°
Fast idle position (OPF)	–	–	–
Fast idle position (OPR)	–	–	–
Choke pull-down (mm) (OVAD)	–	–	–
Vent valve (mm)	–	–	–

Manufacturer	Peugeot	Peugeot	Peugeot
Model	104 (1124 cc)	104 (1219 cc)	205 1.0
Year	1982 to 1983	1979 to 1983	1983 to 1988
Engine code	XW7 (109F)	XZ5 (129)	XV8 (108C) (31kW)
Capacity (cm³)/no. of cyls	1124/4	1219/4	954/4
Oil temperature (°C)	80	80	80
Transmission	–	–	–
Carb. ident. (Solex)	32 PBISA 16	32 PBISA 11 13011	32 PBISA 12 13378
Carb. ident. (vehicle)	341 (TAL144)	A279	370
Idle speed (rpm)	725 ± 25	925 ± 25	650 ± 50
Fast idle speed (rpm)	–	–	–
CO @ idle (% vol.)	1.5 ± 0.5	1.5 ± 0.5	0.8 to 1.5
Special conditions	–	–	–
Stage (venturi)	1	1	1
Venturi diameter (K)	24	25	25
Idle jet (g)	44	43	46
Main jet (Gg)	125 ± 5	130 ± 2.5	122.5 ± 5
Air correction jet (a)	170	160	155
Emulsion tube (s)	–	–	–


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27 Invert the carburettor, and pull the choke operating lever to fully close the choke flap. The fast idle screw will butt against the fast idle cam and force open the throttle plate, to leave a small clearance.

28 Use the shank of a twist drill to measure the clearance between the wall of the throttle bore and the throttle plate. Refer to the specifications for the required drill size. **Note:** *Measure from the side opposite the progression slot.*

29 Adjust as necessary by turning the fast idle adjustment screw (6) in Fig. 14.6 in the appropriate direction.