

TYPE	CHASSIS NUMBERS		FRENCH SYMBOL	GEARBOX		ENGINE		Book
	FROM	TO		SERIAL NO.	P/No.	Serial	P/No.	
D.X PA.	4351791		DS.21. Hyd 2175cc.	65000205	DX 33-0 A	031500124 (Carb. Weber.28/36 DDE) DX 142-2	DX1-03	F150
DX SKD	9/P.10001 4350256	9/P.10060 (4354302)	"	65000300 to 65007871	"	315000270 to 315011133	"	F150
DJ PA	4462755		DS21. Mech 2175cc	640044??	DJ 33-01	0315007372 (Carb. Weber.28/36 DDEAI) DJ 142-2	DJ1-03	F153
DJ SKD	9/P.21001 (4460954)	9/P.21050 (4461661)	"	64000320 to	"	315000263 to 315006972	"	F153
DJF PA	3551533		ID.21F 2175cc	64005864	"	0315011735	"	F154
DJF SKD	9/P.34001 (3551077)	9/P.34039 (3551401)	"	64002015 to 64004463	"	315002685 to 315007644	"	F154
DY PA	4311592		DS.19A.Hyd 1985cc.	71002100	DY 33-0	0355004948	DY1-03	F157
DL SKD	9/P.66003		DS.19MA.Mech 1985cc.	75000000	DL 33-01	355001296 {Carb. DL 142-2} {Weber. DDEA 2 }	DL1-03	F152
DLF SKD	3532153		ID.19F 1985cc.	75002473	DL 33-01	356000372	DL1-03	F151
DE PA	3681866			41-210004		0365011840		F155
DF SKD	9/75001 3678447	9/75009	ID.19C Confort 1911cc with Tripode Shaft					F155

SPARKING POINTS GAP

W ANGLE

Ducellier 57° ± 2°
SEV Marchall 59° ± 2°
E.F.I. Bosch 50 ± 3°

FIRING ORDER

1,3,4,2 (No. 1 cyl. flywheel end).

IGNITION TIMING

-Static: 6mm pin in Flywheel (carburettor models) 12° BTDC
N.B. From July 71, pin locates at TDC and timing scale is fitted.

-Stroboscopic:

MODEL	TECHNICAL SYMBOLO	ENGINE RPM	TOTAL ADVANCE CRANKS. DEGREES
DS 19	DS Oct. 55 to July 59	2000	22°
ID	ID Up to Sept. 64	2000	22°
DS 19	DS July 59 to Sept. 65	2000	22°
ID	ID sept. 64 to Sept. 65	2000	26°
ID 19A	DE Sept. 65 to Sept. 66	2000	22°
DS 21 - ID 21	DX - DJ - DXF - DJF Sept. 65 to Sept. 68*	3000	18°
DS19 - DS20 - ID19	DY - DL - DYF - DLF Sept. 65 to Sept. 68	2000	16°
D Special - ID19 B	DV Sept. 66 to Sept. 68	2000	15°
ID 21F - DS 21	DX - DJ - DXF - DJF Since Oct. 68	2000	20°
DS 19A - DS 20 DS 19MA - DS 20 M	DY - DL - DYF - DLF - DV - DT Octo 68 to May 69	2000	24°
ID 20 D Super - DS 20	DY - DL - DYF - DLF - DT From May 69	2000	28°
ID 19B - D Special	DV May 69 to Jan. 71	2000	24°
E.F.I.	DXIE - DJIE	1800	22°
DS 20 - DS 21 - DS23 - ID 21 - ID 20	DX - DJ - DJF From July 71	2000	20°
DS 23 - ID 23 F	*DX - DXF - DJ - DJF From Sept. 72	2000	23°

* Ref. Workshop Manual 583/1., - Section 210-0 for interchangeability.

NOTE: Up to July 71, use gauge 3078 T. Each division corresponds to 2° of the distributor.
From July 71, scale fitted. Each division corresponds to 1° of the distributor.

VALVE CLEARANCES

	INLET	EXHAUST
Hot	0.20mm (.008")	0.25mm (.010")
Cold	0.15mm (.006")	0.20mm (.008")

Fully open exhaust Valve	Adjust valve; Inlet	Exhaust
Cylinder No. 1	3	4
Cylinder No. 3	4	2
Cylinder No. 4	2	1
Cylinder No. 2	1	3

HYDRAULIC GEARCHANGE.

MODELS	CLUTCH DRAG TURNS	SLOW IDLE RPM	CLUTCH DRAG RPM	FAST IDLE RPM
Up to Sept. 68 - carburettor	2	550 - 600	700 - 750	875 - 925
From Sept. 68 to Sept. 72 - carburettor	2	625 - 675	725 - 775	850 - 900
From Sept. 72 (1973 models)	1½	625 - 675	800 ± 25	C.D. + 100
U.S.A. Detox Ref. S.C. 6807	2	750	900	1050
E.F.I. up to Sept. 72 (69-72 models)	1½	725 - 775	825 - 875	900 - 950 or C.D. + 25
E.F.I. from Sept. 72 (73 models)	1½	725 - 775	950 ± 25	C.D. + 50

TYRE PRESSURES AND HEIGHT SETTINGS:

MODEL	TYRES FRONT	TYRES REAR	PRESSURES PSI		HEIGHTS	
			F - Cold	- R	Front	Rear
DS. ID. DW 1955 to Sept. 65	165x400 x	165x400 x	28	25	222-228	335-345
DS 21 - DS 19A - ID 19 Sept. 65 to Oct. 68	180x380 xas	180x380 xas	28	25	222-228	355-365
DS21-DS21M-DS20-D Super/Spec. DS 23 - From Oct. 68 to date	180x380 xas	180x380 xas	29	26	232-238	355-365
DS 21 - DS 21M - DS 23 (EFI) From Sept. 69 to date.	185x380 xas	185-380 xas	29	26	232-238	355-365
SAFARIS up to Sep. 65	165x400 x	165x400 x	29	29	227-233	346-356
SAFARIS from Sept. 65 to date	180x380 xas	180x380 xas	29	32	237-243	355-365

NOTE: Rear tyres on French market cars usually smaller.

If so, increase above figures by 3 psi.

- For negotiating deep snow, inflate front tyres to 35 psi and re-adjust afterwards.

TRACK.

Front
Rear

Toe In
Toe In

2 to 4 mm
0 to 2 mm