

The current production Lotus/Lucas distributor model is 43D4, which is a direct replacement for 41189 and 41225 only.

The static ignition-timing settings listed in the different manuals vary, but the true static settings are as follows:

Engine use	Distributor	Static setting (degrees BTDC)
1498 cc, early 1558 cc Weber (B-type cam)	40930	7
All Weber standard (B-type cam)	40953	12
All Stromberg domestic (C/D-type cam)	40953	9
All S/E Weber (C-type cam)	41189A	10
All Big Valve Weber/Dellorto domestic (D-type cam)	41189A	12
All Stromberg Federal emission (C/D/E-type cam)	41225A	5
All European-specification Dellorto (ECE 15 regulations) (C/D-type cam)	41225A	5
All Big Valve Dellorto, domestic and European, pre ECE 15 regs	41225	10

Now to detail: the advance curves for all types. Please note that in the manuals, Lotus get confused between crankshaft rpm and distributor rpm. Distributor rpm is half crankshaft rpm; in some cases, static settings have been added, in others they have not! The following tables are the final settings, i.e. static settings have been added, so maximum advance is exactly what it says.

40953 distributor rpm	Standard Weber (B-type cam)	All Stromberg Domestic (C/D-type cam)
Below 500	12.0	9.0
Below 1000	static, no advance	static, no advance
1000	17.6	14.6
1500	22.5	19.5
2000	28.0	25.0
2500	28.8	25.8
3000	29.8	26.8
3500	30.6	27.6
4000	31.5	28.5
4500	32.5	29.5
5000	33.5	30.5
5500	34.5	31.5
6000	35.5	32.5
6500	36.0	33.0
	maximum advance	

41189A distributor rpm	All S/E Weber (C-type cam)	All Big Valve Weber/Dellorto Domestic (D-type cam)
Below 2000	10.0 static, no advance	12.0 static, no advance
2500	12.5	14.5
3000	14.5	16.5
3500	17.0	19.0
4000	19.3	21.3
4500	21.5	23.5
5000-6500	24.0	26.0
	maximum advance	
41225 distributor rpm	European Dellorto only (C/D-type cam)	
Below 1000	10.0 static, no advance	
2000	15.0	
2500	17.4	
3000	19.6	
3500	21.8	
4000	24.2	
4500	26.6	
5000-6500	29.0	
	maximum advance	

\*Also some very late domestic—replacement for 41189