



VOLVO

WORKSHOP BULLETIN

CARS

RE:	IGNITION TIMING	PRODUCT	P
		GROUP	34
		NO.	1
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Supersedes earlier Workshop Bulletin Product P Group 34 No. 1 dated June 1963.

Ignition setting for petrol with different octane ratings.

The table below shows the recommended ignition timing for our B 16 and B 18 engines when running on petrol with different octane ratings.

Engine	Ignition timing 87 octane		Ignition timing 97 octane	
	Basic setting	Fine setting	Basic setting	Fine setting
B 16 A	2-4° B.T.D.C.	19-21° B.T.D.C./ 1500 r.p.m. ^x	2-4° B.T.D.C.	19-21° B.T.D.C./ 1500 r.p.m. ^x
B 16 B	The octane rating should be at least 93		4-6° B.T.D.C.	21-23° B.T.D.C./ 1500 r.p.m. ^x
B 18 A	The octane rating should be 97.		Should be adjusted at 1500 r.p.m.	21-23° B.T.D.C./ 1500 r.p.m. ^x
B 18 B (100 h.p.)	The octane rating should be 97.		Should be adjusted at 1500 r.p.m.	17-19° B.T.D.C./ 1500 r.p.m. ^x
B 18 B (108 h.p.)	The octane rating should be 100. ^{xx}		Should be adjusted at 1500 r.p.m.	17-19° B.T.D.C./ 1500 r.p.m.
B 18 B (type 496819) (115 h.p.)	The octane rating should be 100. ^{xx}		Should be adjusted at 1500 r.p.m.	17-19° B.T.D.C./ 1500 r.p.m.
B 18 D (90 h.p.)	The octane rating should be 97.		Should be adjusted at 1500 r.p.m.	22-24° B.T.D.C./ 1500 r.p.m.
B 18 D (type 496820- 21-22) (95 h.p.)	The octane rating should be 97.		Should be adjusted at 1500 r.p.m.	17-19° B.T.D.C./ 1500 r.p.m.