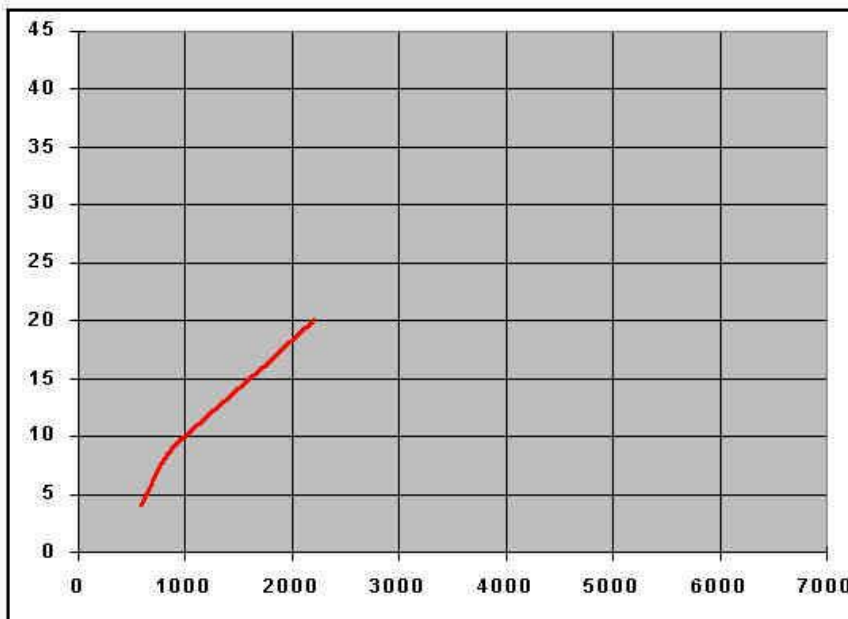


Distributor Curves

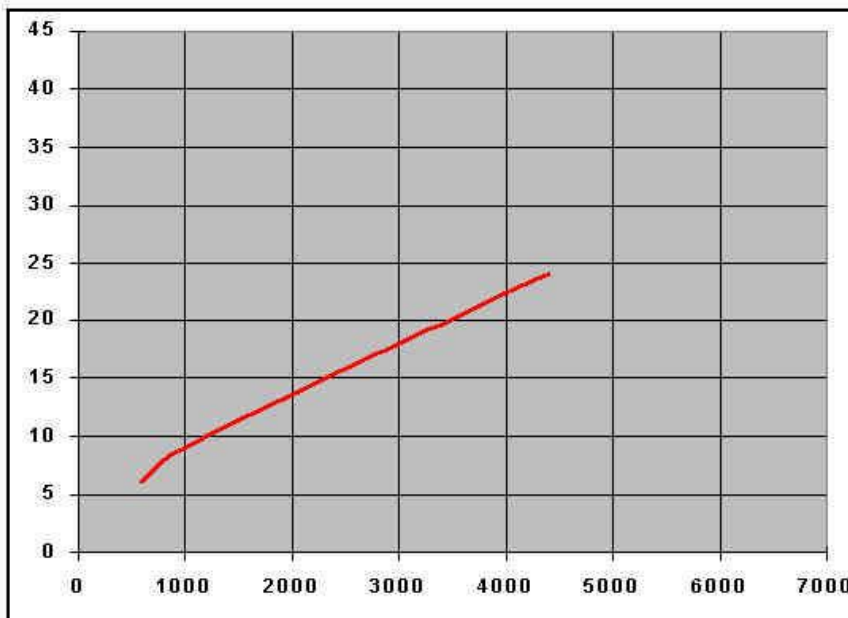
Engine - 18G, GA, GB, GD, GG
High Compression
Distributor - 25D4 40897

	Degrees	RPM
Dwell	60+3	
Static	10	
Strobe	14	600
Centrifugal	4	600
	6	700
	9	900
	15	1600
	20	2200
Max Vacuum	20+2	



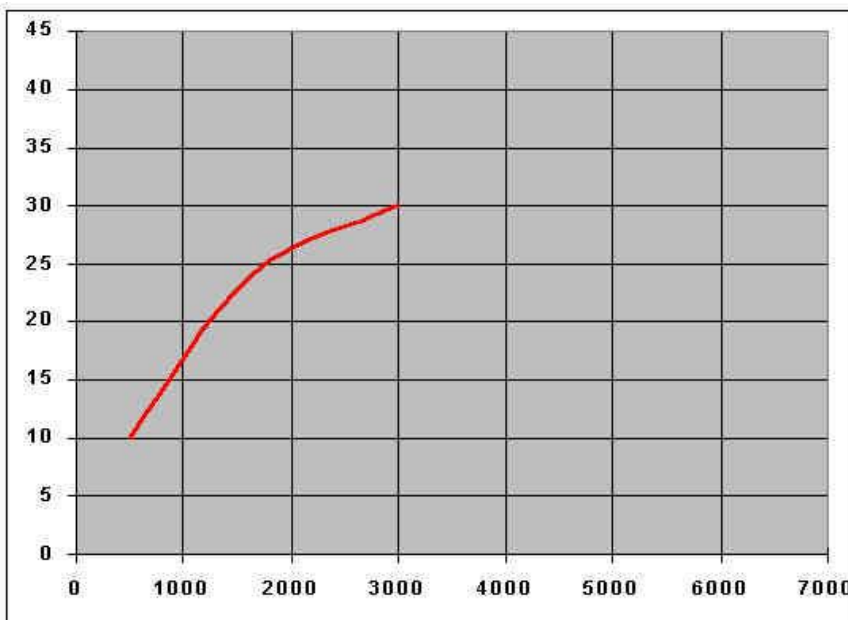
Engine - 18G, GA, GB, GD, GG
Low Compression
Distributor - 25D4 40916

	Degrees	RPM
Dwell	60+3	
Static	8	
Strobe	12	600
Centrifugal	6	600
	8	800
	9	1000
	18	3000
	24	4400
Max Vacuum	16+2	



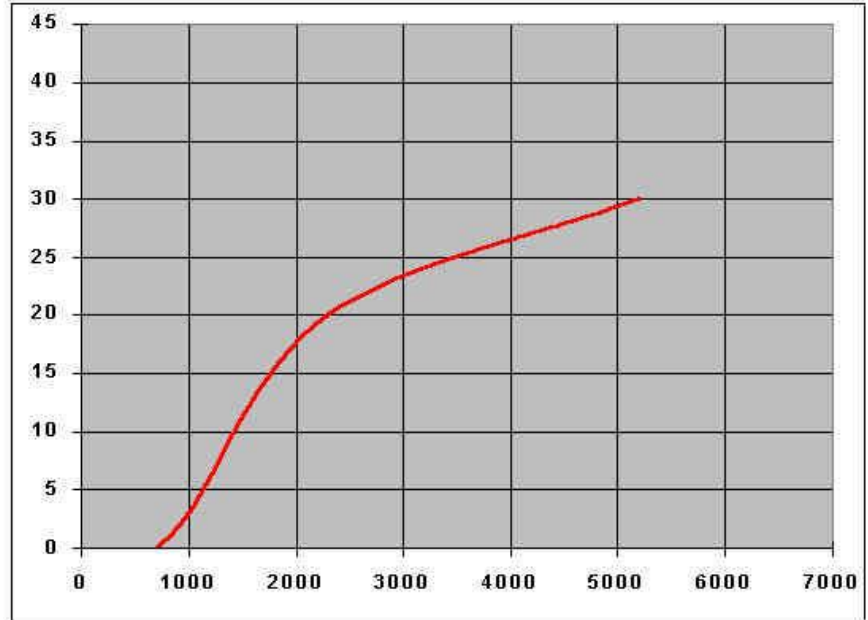
Engine - 18GF, GH, GJ, GK
North America
High Compression
Distributor - 25D4 40897 or 41155 to 1971

	Degrees	RPM
Dwell	60+3	
Static	10	
Strobe	20	1000
Centrifugal	10	500
	24	1625
	30	3000
Max Vacuum	20+2	



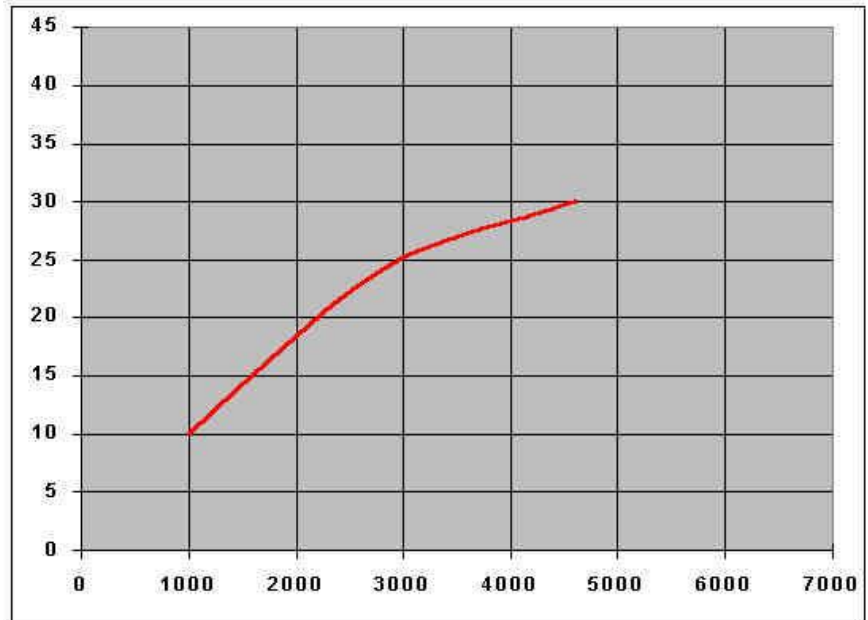
**Engine - 18GH
USA & Canada 1969
High Compression
Distributor - 25D4 41264**

	Degrees	RPM
Dwell	60+-3	
Static	n/a	
Strobe	20	1000
Centrifugal	0	700
	3	1000
	20	2300
	30	5200
Vacuum - ported	Starts 5 Max 11 16 degrees	



**Engine - 18GF, GH, GJ, GK
North America
High Compression
Distributor - 25D4
41339
1971**

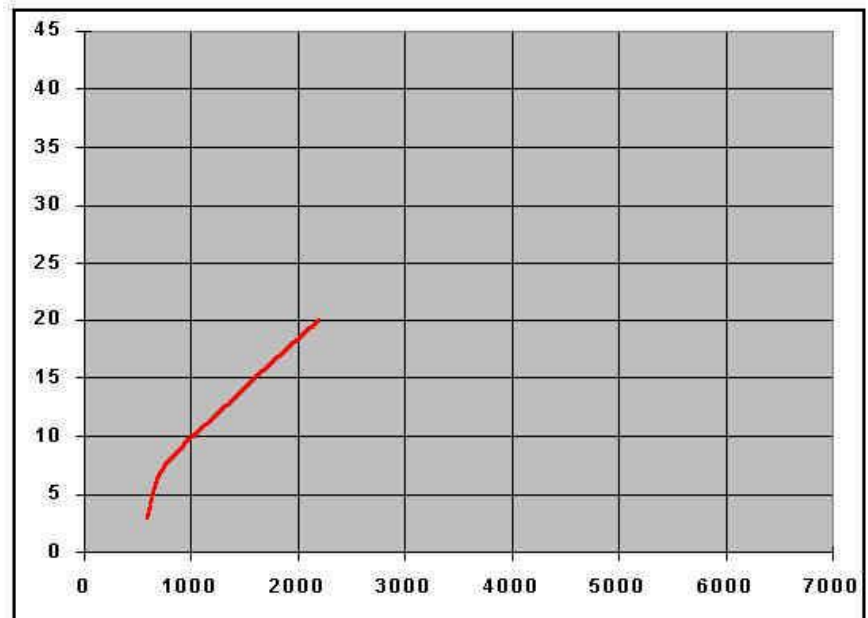
	Degrees	RPM
Dwell	60+-3	
Static	10	
Strobe	15	1500
Centrifugal	10	1000
	24	2800
	30	4600
Max Vacuum	10+-2	



Not WSM

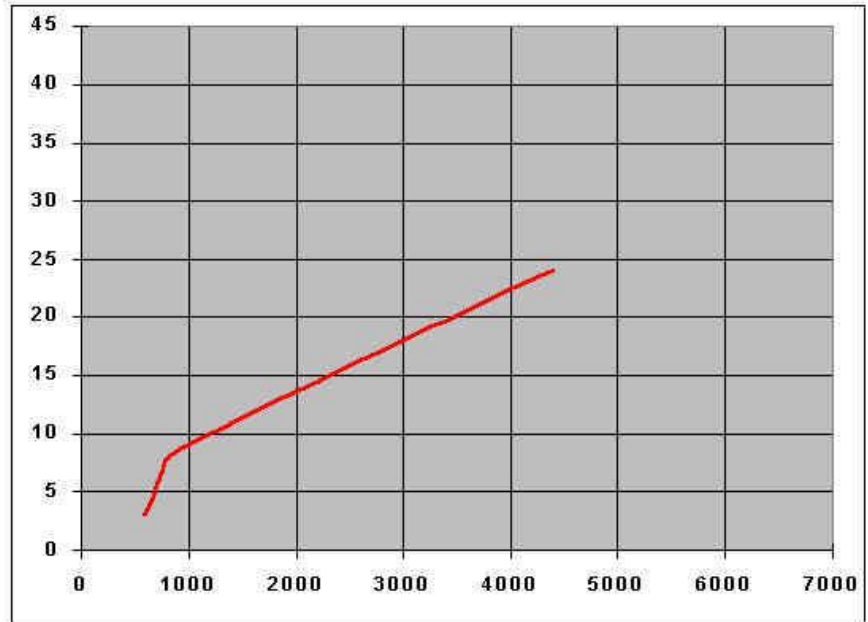
**Engine - 18V 581, 582, 583
High Compression
Distributor - 25D4 41288**

	Degrees	RPM
Dwell	60+-3	
Static	10	
Strobe	13	600
Centrifugal	3	600
	6.5	700
	9	900
	15	1600
	20	2200
Max Vacuum	20+-2	



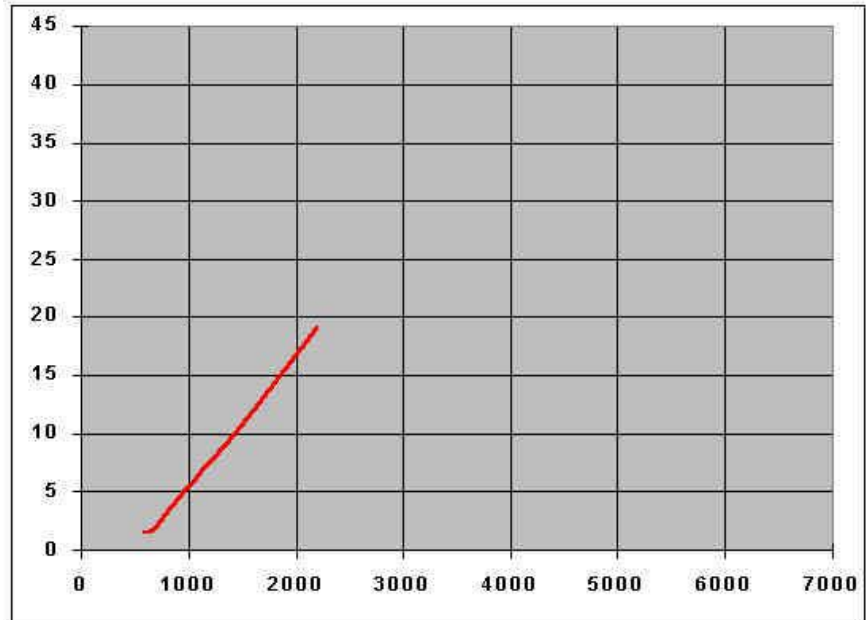
Engine - 18V 581, 582, 583
Low Compression
Distributor - 25D4 41290

	Degrees	RPM
Dwell	60+-3	
Static	10	
Strobe	13	600
Centrifugal	3	600
	8	800
	9	1000
	18	3000
	24	4400
Max Vacuum	not given	



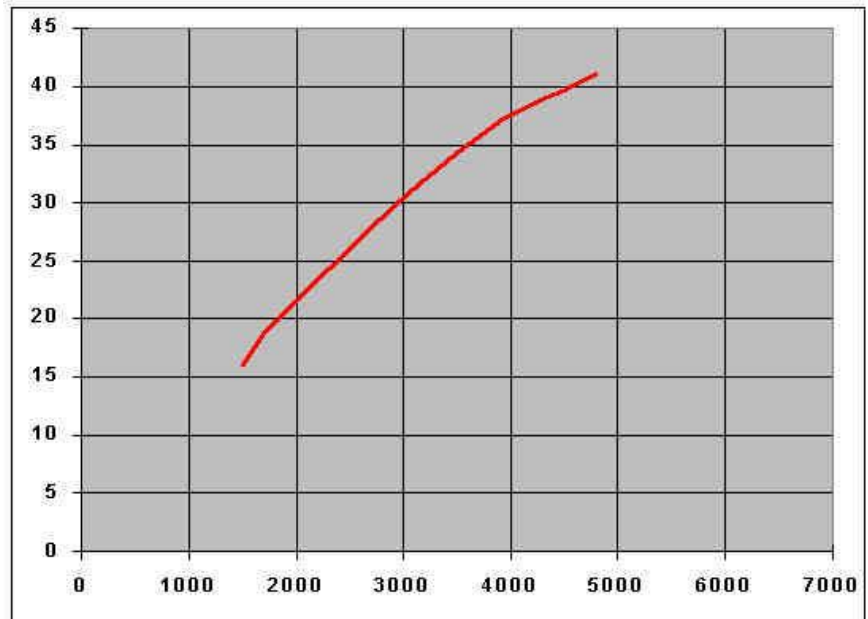
Engine - 18V
High Compression
Distributor - 25D4 41032

	Degrees	RPM
Dwell	60+-3	
Static	5	
Strobe	15	1000
Centrifugal	1.5	600
	2	700
	4.5	900
	12	1600
	19	2200
Max Vacuum	14+-2	



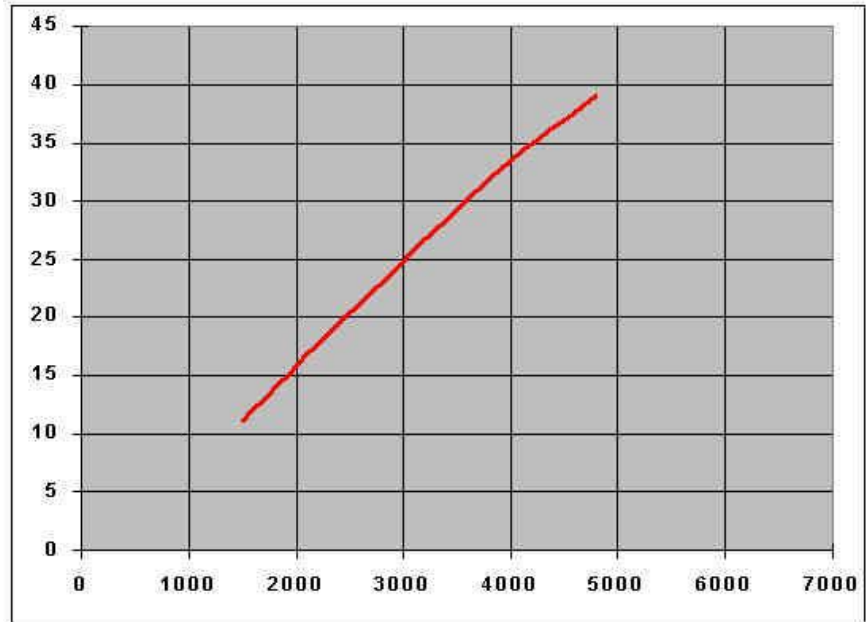
Engine - 18V 584, 585
North America 1972
Low Compression
Distributor - 25D4 41370

	Degrees	RPM
Dwell	60+-3	
Static	10	
Strobe	16	1500
Centrifugal	20	1850
	35	3600
	41	4800
Max Vacuum	6+-2	



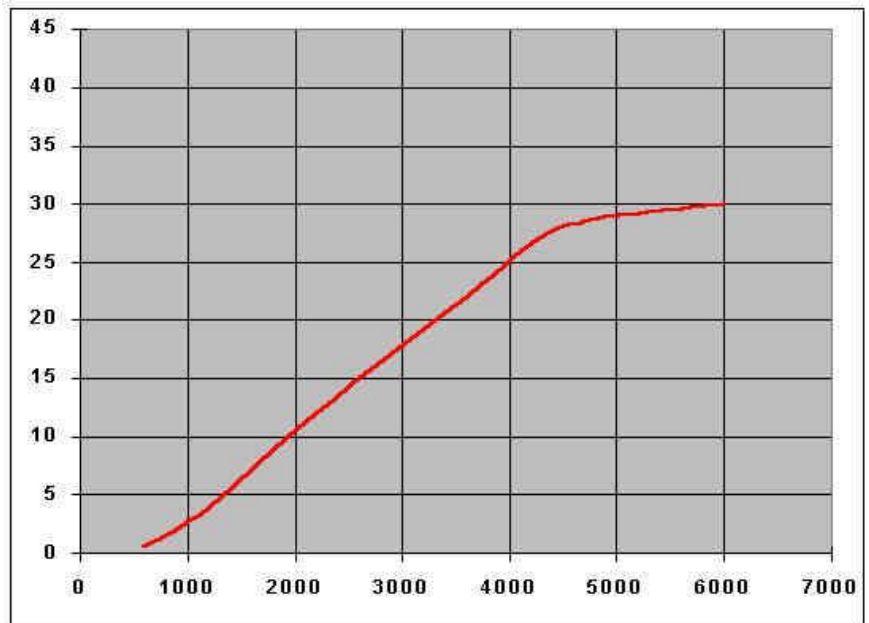
Engine - 18V 672, 673
North America 1973
Low Compression
Distributor - 25D4 41491

	Degrees	RPM
Dwell	60+-3	
Static	6	
Strobe	11	1500
Centrifugal	16	2025
	32	3825
	39	4800
Max Vacuum	10+-2	



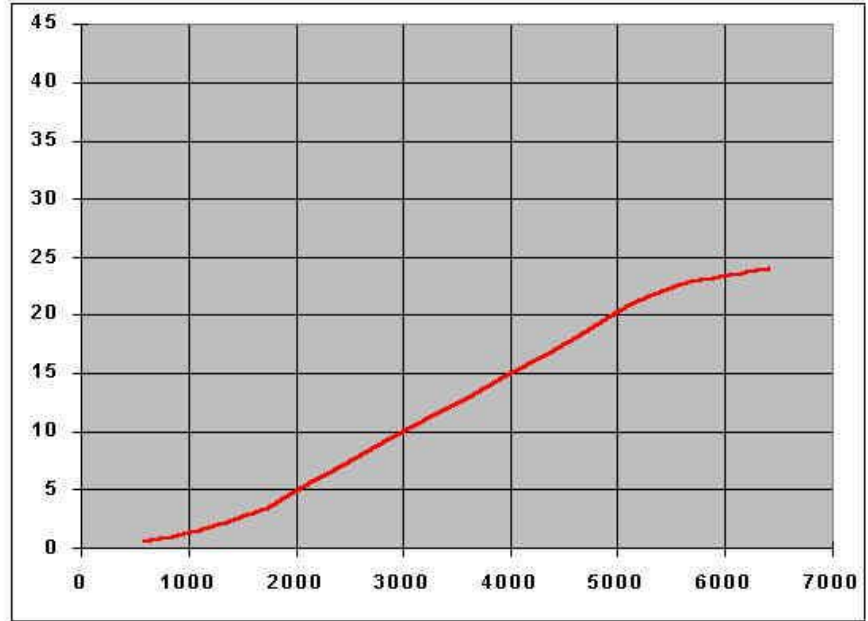
Engine - 18V 779, 780
High Compression
Distributor - 25D4 41234 or 41391

	Degrees	RPM
Dwell	60+-3	
Static	6	
Strobe	11	1000
Centrifugal	0.5	600
	4	1200
	12	2200
	22	3600
	28	4500
	30	6000
Max Vacuum	16+-2	



**Engine - 18V 846, 847
1974-75
High Compression
Distributor - 45D4 41610**

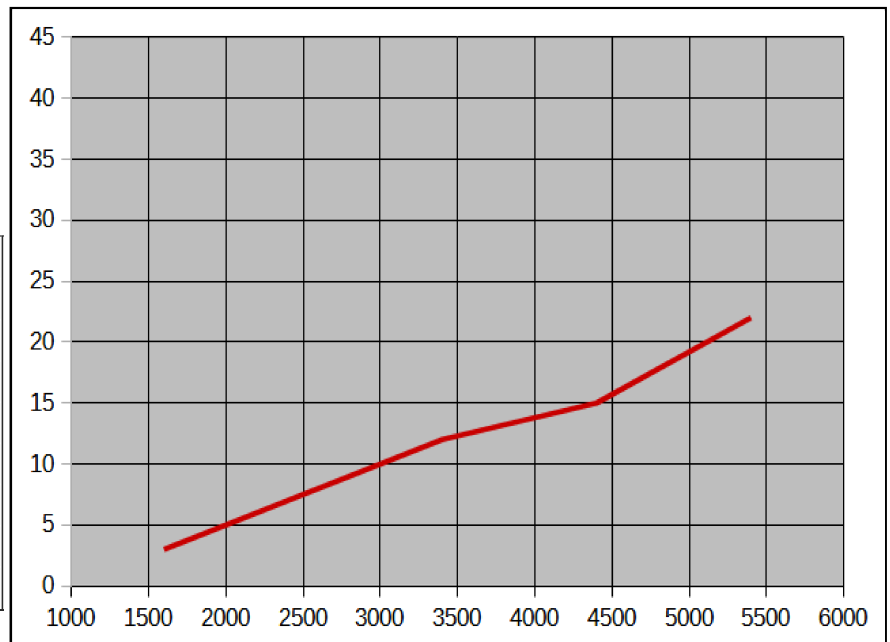
	Degrees	RPM
Dwell	51+5	
Static (Haynes)	7	
Strobe	10	1000
Centrifugal	0.5	600
	3	1600
	8	2600
	12	3400
	17	4400
	22	5400
	24	6400
Max Vacuum	24+-2	



Note: Manifold vacuum - Clausager shows a 1975 model with it coming off the top of the front carb although there seems to be a manifold port capped off as well. This must be a user modification, done incorrectly, as MGB HIF carbs have the butterfly opening the other way compared to HS carbs, which is why the port is on the bottom of CB and V8 HIFs.

**Engine - 18V 847
1976 on
High Compression
Distributor - 25D4 41610**

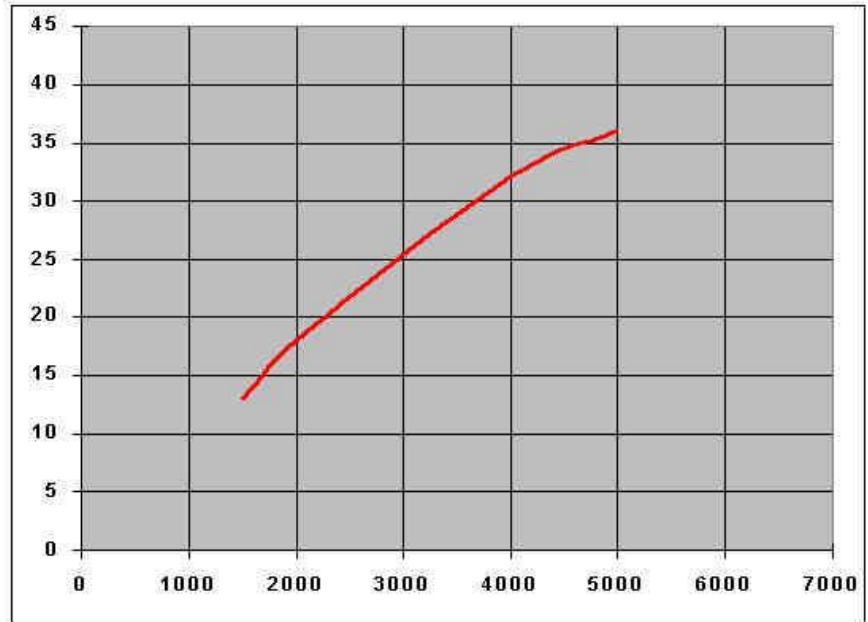
	Degrees	RPM
Dwell	51+5	
Static (implied)	9	
Strobe	10	1000
Centrifugal Decelerating check	22	5400
	15	4400
	12	3400
	3	1600
Max Vacuum	24+-2	



All figures vacuum disconnected and the source plugged. A static figure is not given in the WSM, instead there is an advance check of 19 to 23 degrees at 3400 rpm i.e. a nominal of 21 degrees. This would equate to the static plus additional centrifugal advance, so with the given centrifugal advance (which is additional to the static) being a nominal 12 degrees at 3400 rpm a static figure of 9 degrees is implied.

**Engine - 18V 836/837
USA & Canada 74 1/2
18V 797/798
USA 74-75, Canada 74-76
Low Compression
Distributor - 45D4 41599**

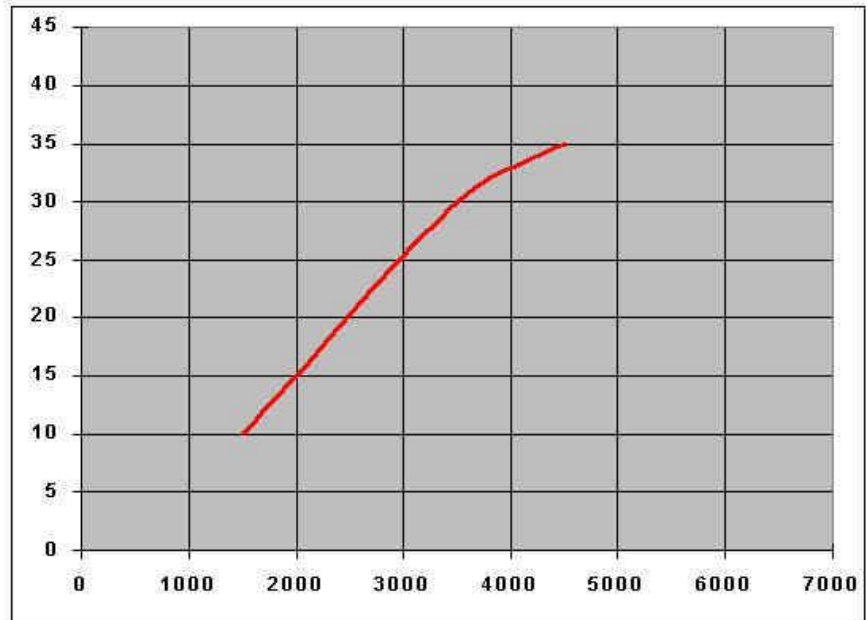
	Degrees	RPM
Dwell	51+5	
Static	7	
Strobe	13	1500
Centrifugal	18	2000
	32	4000
	36	5000
Max Vacuum		



From Bentley 2002 not Leyland

**Engine - 18V 801, 802
USA including California
Distributor - 45DE4 41600**

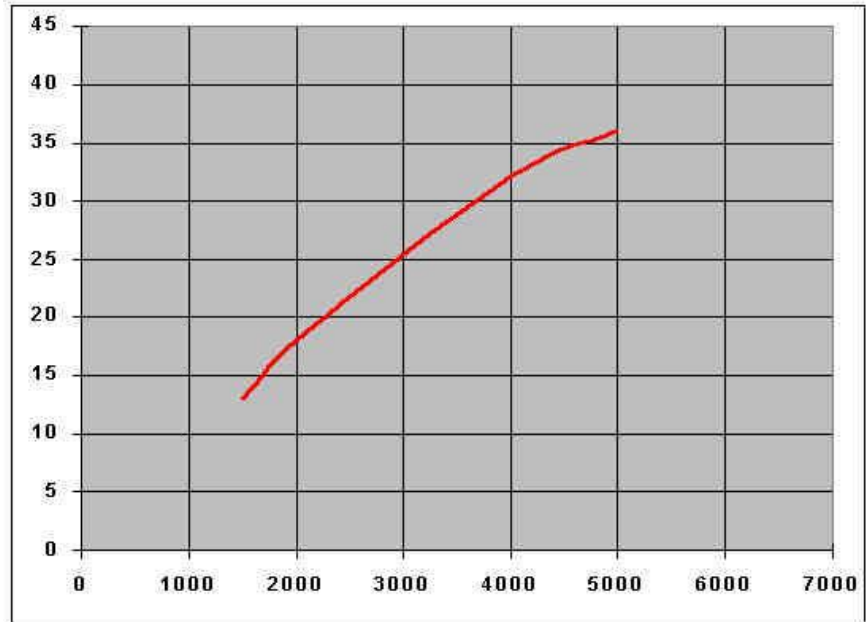
	Degrees	RPM
Dwell	51+5	
Static	7	
Strobe	10	1500
Centrifugal (decelerating)	35	4500
	30	3500
	15	2000
Max Vacuum	No vacuum advance	



Advance check - 19 degrees @ 2000 rpm
Not WSM

**Engine - 18V 892, 893
Canadian
Distributor - 45D4 41692**

	Degrees	RPM
Dwell	51+5	
Static (Haynes)	7	
Strobe	13	1500
Centrifugal Decelerating check from 1978	18	2000
	32	4000
	36	5000
Max Vacuum	24+2	

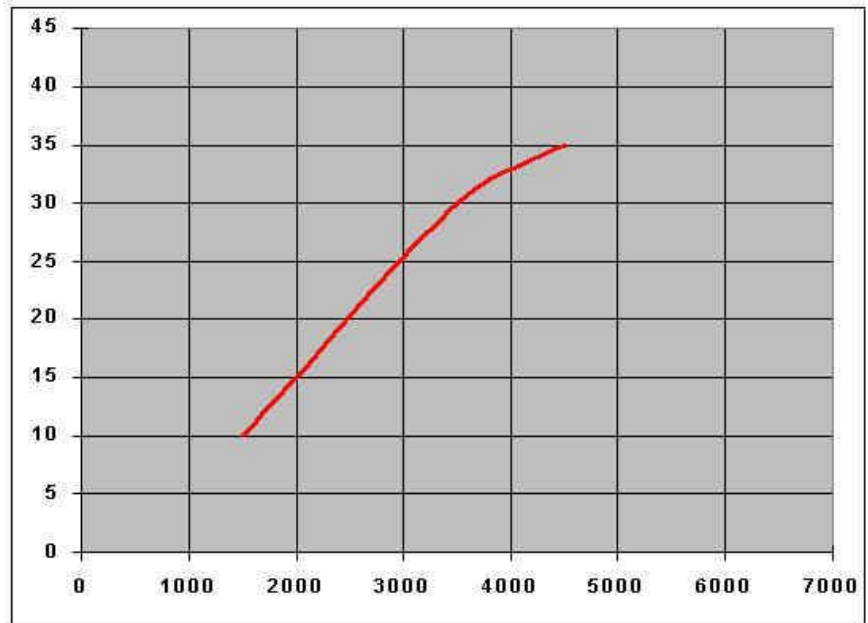


Notes:

1. Haynes indicates this is a High Compression engine not borne out by the WSM
2. From July 76 (some), February 77 (all) vacuum advance available in 4th gear only.
3. From 1978 Advance check of 20 to 24 degrees at 2000 rpm.

**Engine - 18V 883, 884
USA (except California)
Distributor - 45DE4 41693**

	Degrees	RPM
Dwell (Haynes)	51+5	
Static (Haynes)	7	
Strobe	10	1500
Centrifugal Decelerating check from 1978	15	2000
	30	3500
	35	4500
Max Vacuum	24+2	

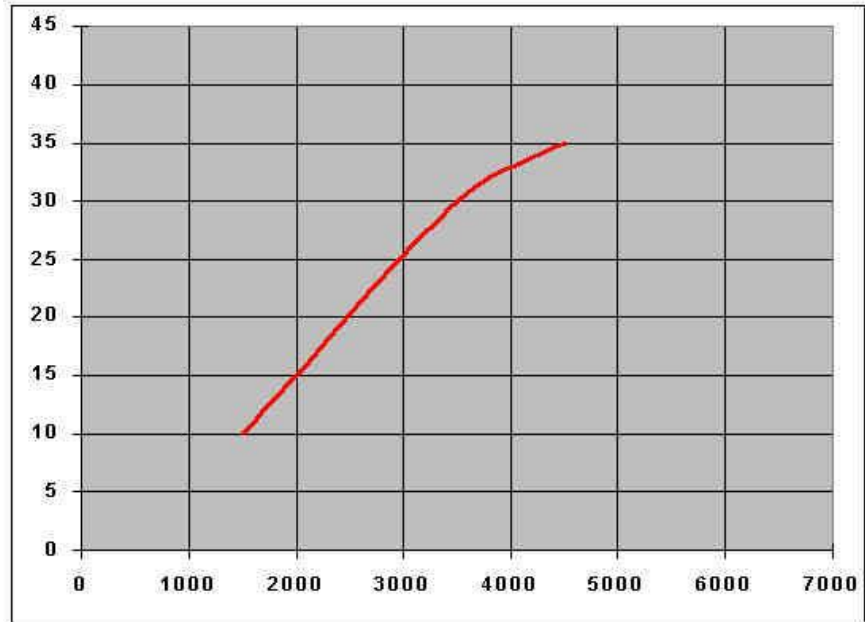


Notes:

1. Haynes indicates this is a High Compression engine not borne out by the WSM
2. From July 76 (some), February 77 (all) vacuum advance available in 4th gear only.
3. From 1978 Advance check of 17 to 21 degrees at 2000 rpm.
4. Moss (PDF catalogue only) information indicates this was often replaced by the 45DM4 41813 under warranty.

**Engine - 18V 890, 891
California
Distributor - 45DE4 41695**

	Degrees	RPM
Dwell (Haynes)	51+5	
Static (Haynes)	7	
Strobe	10	1500
Centrifugal Decelerating check from 1978	15	2000
	30	3500
	35	4500
Max Vacuum	14+2	

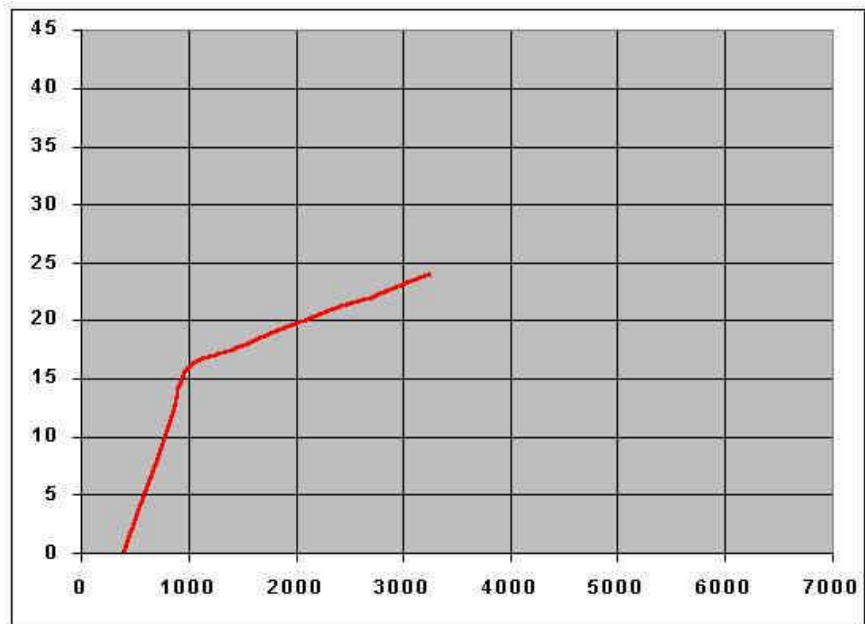


Notes:

1. Haynes indicates this is a High Compression engine not borne out by the WSM
2. From July 76 (some), February 77 (all) vacuum advance available in 4th gear only.
3. From 1978 Advance check of 17 to 21 degrees at 2000 rpm.
4. Moss (PDF catalogue only) information indicates this was often replaced by the 45DM4 41813 under warranty.

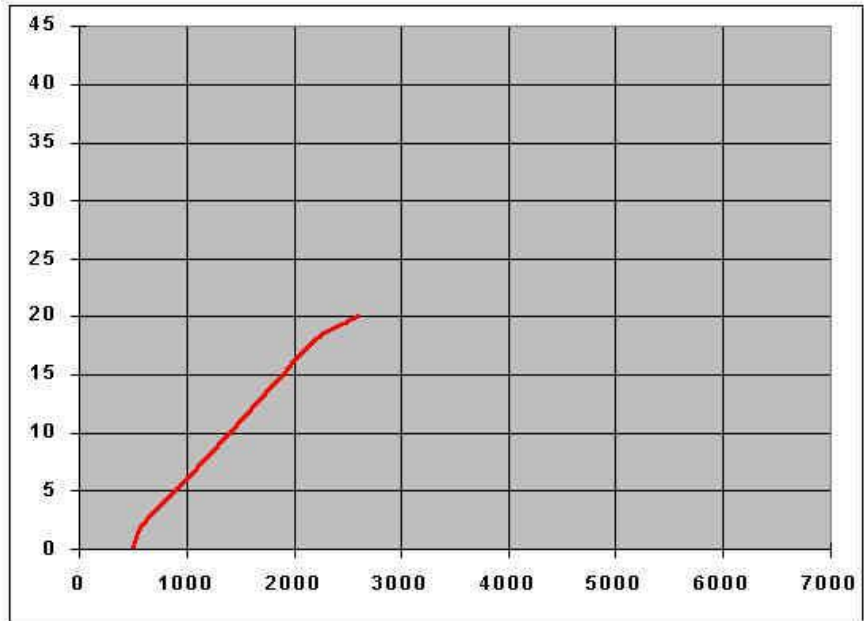
**Special Tuning
Stage 3/4 1967 on
Distributor 25D4 40943**

	Degrees	RPM
Dwell	60+3	
Static	6 (suggested)	
Strobe	not given	
Centrifugal	0	400
	4	550
	8	700
	12	850
	16	1000
	18	1550
	20	2100
	22	2700
	24	3250
Max Vacuum	none	



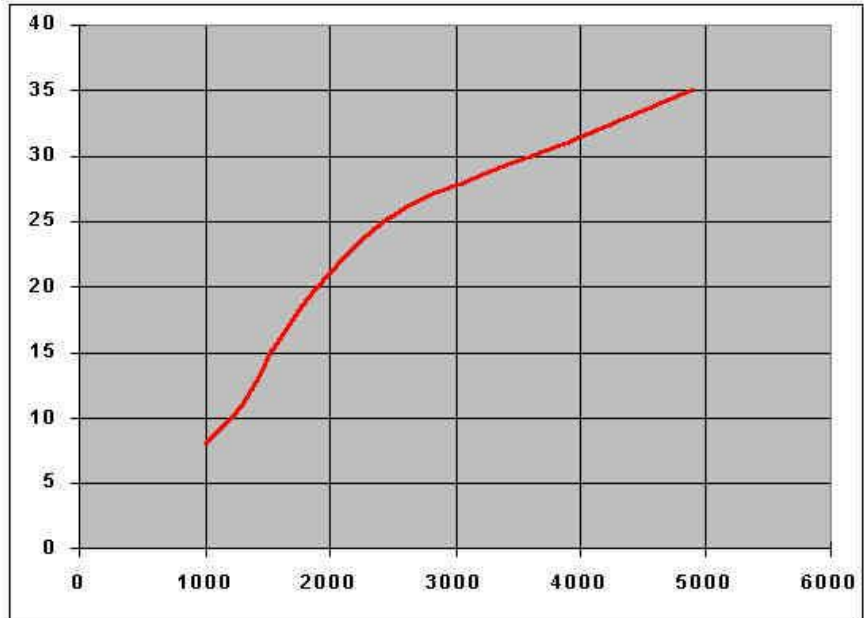
Aldon 101BR2

	Degrees	RPM
Dwell	Not known	
Static	Not known	
Strobe	Not known	
Centrifugal	0	500
	2	600
	6	1000
	10	1400
	14	1800
	18	2200
	20	2600
Vacuum	Not fitted	



Engine - Factory V8 Distributor - 35D8 41394

	Degrees	RPM
Dwell	26-28	
Strobe	8	1000
Centrifugal	11	1200
	16	1600
	21	2000
	26	2600
	30	3600
	35	4900
Max Vacuum	16	



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