

A summary of the Engine Test Cards held by the Bristol Owners Heritage Trust.

Please note, we DO NOT have all numbers, and for some cards we have up to 3 duplicates

AMJB v1.0

18-Oct-2017

Engine No.	Type	Camshaft	Date	BHP@2500	BHP@5000	CR	Remarks (note: some cards are duplicates of others; for this file, duplicates have been removed when confirmed)
Set 1	FNS & BS1 engines						
6	FNS1	Sports	03/09/51	53.9	115.2	8.5:1	Twin Pipes Exhaust & Extractor - Proof Run
18	BS1A/FNS	Sports	11/02/53	54.3	133.3	10.3:1	Bob Gerard; chutes with guide vanes for air entry; triple exhaust
18	BS1A/FNS	Sports	09/07/53	57.8	133.8	11.0:1	chutes with guide vanes for air entry; twin exhaust; RE-TEST
23	FNS1	Sports	24/10/50	53.3	110.3	8.4:1	Twin pipes & extractor
24	FNS1	B.Sports	26/11/50	52.8	110.2	8.45:1	Twin Pipes & Extractor - Bristol Type Air Cleaners
25	FNS1	B.Sports	07/11/50	53.9	109.9	8.5:1	Twin Pipes & Extractor - Bristol Type Air Cleaners
to 62							
Set 2	BS1 engines			BHP@2500	BHP@5000	CR	
101	BS1	Sports	24/03/52	44.5	113.5	8.6:1	6 Pipes & Extractor - Exhaust - Vane Type Air Cleaners
101	BS1	Sports	14/07/52	49.9	124.2	8.5:1	Vane type Chute Air Entry - Cone Extractor Exhaust
101	100/A	Tourer	22/07/52	card missing			Exhaust Type 401
102	BS1	Sports	25/03/52	46.7	115.7	8.9:1	6 Pipes & Extractor - Exhaust - Vane Type Air Cleaners; dope fuel
103	BS1	Sports	06/04/52	54.2	118.5	9.1:1	Twin Pipes & Extractor Exhaust
103	BS1	Sports	12/07/52	55.9	136.0	10.0:1	Vane Type Chute Air Entry - Cone Extractor Exhaust
to 152							
Set 3	BS1 Mk2 engines			BHP@2500	BHP@5000	CR	
201	BS1/MK2	Sports	14/06/53	58.7	125.2	9.0:1	Chute Air Entry - Twin Pipes Exhaust
201	BS1/MK2	Sports	04/09/53	54.1	120.5	9.0:1	Vokes Air Cleaners - Twin Pipes Exhaust - Re-Test
202	BS1/MK2	Sports	06/06/53	56.7	124.1	9.0:1	Chute Air Entry - Twin Pipes Exhaust
203	BS1/MK2	Sports	04/09/53	49.5	109.1	9.0:1	Incomplete
204	BS1/MK2	Sports	06/10/53	52.9	116.1	9.0:1	Individual Air Cleaners - Twin Pipes Exhaust - Mod. Crankshaft
to 300							

set 4 BS1 Mk2 engines				BHP@ 2500	BHP@ 5500	CR	
301	BS1/MK2	Sports	14/06/54	50.9	116.0	9.0:1	(restricted amount of data recorded)
302	BS1/MK2	Sports	22/06/54	53.4	119.2	9.0:1	(restricted amount of data recorded)
303	BS1/MK2	Sports	29/06/54	52.9	111.6	9.0:1	(restricted amount of data recorded)
304	BS1/MK2	Sports	23/06/54	52.2	115.4	9.0:1	(restricted amount of data recorded)
to 345							
set 5 BS4 engines				BHP@ 2500	BHP@ 5500	CR	
401	BS4/MK3	Sports	22/07/53	57.0	134.4	9.0:1	Chute Air Intake Less Vanes - Twin Pipes Exhaust (AFN)
402	BS4/MK1	Sports	20/08/53	57.2	138.2	9.0:1	Chute Air Entry - Twin Pipes Exhaust (AFN); 9.0:1 CR
403	BS4/MK1	Sports	16/11/53	53.4	139.1	9.15:1	Chute Air Entry - Twin Pipes Exhaust (AFN)
404	BS4/MK1	Sports	05/09/53	55.0	136.7	9.0:1	Chute Air Entry - Twin Pipes Exhaust (AFN)
to 414 & 501 to 508							
set 6 100/D engines				BHP@ 2500	BHP@ 5500	CR	
501	100/D	Sports	04/04/56	48.0	113.3	8.5:1	<i>Corrected To A.C. Exhaust System</i>
502	100/D	Sports	22/03/56	45.9	113.7	8.5:1	Corrected to A.C.
502	100/D	Sports	06/04/56	48.1	115.8	8.5:1	Pipe
503	100/D	Sports	20/03/56	46.4	116.2	8.5:1	Corrected To A.C. Exhaust System
to 591							
set 7 100 D engines				BHP@ 2500	BHP@ 5500	CR	
605	100/D	Sports	01/02/57	41.9	119.9	8.5:1	
612	100/D	Sports	04/05/57	43.0	122.2	8.5:1	
625	100/D	Sports	07/03/57	43.9	121.6	8.5:1	
635	100/D	Sports	20/03/57	43.0	119.1	8.5:1	
to 695							
set 8 100 D engines				BHP@ 2500	BHP@ 5500	CR	
705	100/D	Sports	16/08/57	40.8	120.1	8.5:1	
715	100/D	Sports	26/08/57	41.3	121.6	8.5:1	
724	100/D	Sports	16/09/57	41.0	119.1	8.5:1	

734 to 793	100/D	Sports	02/10/57	41.4	119.0	8.5:1	
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set 9	100/D2 engines			BHP@ 2500	BHP@ 5500	CR	
803	100/D2	Sports	14/01/58	50.3	125.0	8.9:1	
812	100/D2	Sports	04/02/58		125.0	9.5:1	(readings at 2500rpm "unsteady")
823	100/D2	Sports	28/02/58	51.2	122.2	8.9:1	
835	100/D2	Sports	11/03/38		121.8	9.0:1	(readings at 2500rpm "unsteady")
845 to 875	100/D2	Sports	31/03/58	55.7@2700	120.2	9.0:1	

set 10	(misc. production engines)			BHP@ 2500	BHP@ 5500	CR	
1292	85/C	Tourer	28/09/51	51.5	82.6@4200	7.5:1	401 exhaust System ; standard carb settings
2040	8500/C		04/01/55	49.8	105.2	8.9:1	"carbs mod. By Mr Kemish; individual air cleaners"
2101	85/C	Tourer	18/03/52	48.9	77.1@4200	7.5:1	AFN
3119	100/B	100A	17/03/54	56.1	114.3@5000	8.5:1	Chute Air Intake - Twin Pipes Exhaust
4235	100/B2	"100"	19/06/56	28.2@1500	90.5@5000	7.7:1	"ex. LO-X pistons; hemispherical pistons fitted; running time 5 hrs.

set 11	100/C & C2 engines			BHP@ 2500	BHP@ 5500	CR	
3288	100/C	Sports	05/01/56	52.7	118.1	8.5:1	3 Vokes Air Cleaners - All On
3289	100/C	Sports	03/02/56	45.9	115.7	8.5:1	Corrected To A.C. Exhaust System
3290	100/C	Sports	25/01/56	46.7	112.0	8.5:1	Corrected To A.C. Exhaust System
3294 to 3575	100/C	Sports	08/02/56	47.5	114.9	8.5:1	Corrected To A.C. Exhaust System

set 12	100/C & C2 engines			BHP@ 2500	BHP@ 5500	CR	
4124	100/C2	Sports	18/02/56	48.9	115.7	8.5:1	Corrected To A.C. Exhaust System
4153	100/C2	Sports	22/01/56	46.6	111.8	8.5:1	Corrected To A.C. Exhaust System
4154	100/C2	Sports	15/01/56	46.4	112.4	8.5:1	Corrected To A.C. Exhaust System
4155 to 4237	100/C2	Sports	19/01/56	46.6	112.8	8.5:1	Corrected To A.C. Exhaust System

set 13	406 engines			BHP@2500	BHP@5000	CR	
4314	110	Tourer	10/11/57	54.5	96.6	8.5:1	Stack exhaust
4314	110	Tourer	17/11/57	56.5	103.0	8.5:1	Stack exhaust ; acc. Pumps; Holset damper
4314	110	Tourer	17/11/57	58.7	106.0	8.5:1	Open twin exhaust
5002	110	Tourer	04/12/57	59.4	105.0	8.5:1	405 exhaust; acc pumps; Holset damper
5003	110	Tourer	05/12/57	58.0	106.0	8.5:1	406 exhaust; acc pumps; Holset damper
to 5014							

set 14	BB engines			BHP@2500	BHP@5000	CR	
BB5	2.2	100A N342210	08/08/56	53.4	98.7	8.1:1	401 exhaust; Holset damper
BB6	110	Sports	11/09/56	57.4	98.6	8.5:1	403 exhaust; Holset damper
BB7	110	Sports	20/09/56	55.4	101.0	8.5:1	No acc pumps; 403 exhaust

all we have

set 15	Cooper & ERA engines			BHP@2500	BHP@5500	CR	
Cooper	Special	Sports	16/07/51	53.3	127.3	8.5:1	Twin pipes & extractor
Cooper	Special	Sports	18/06/52	51.3	131.1	9.0:1	Bristol Vane Type Air Cleaner; cone extractor
Cooper	Special	Sports	22/05/52	52.2	131.9	8.8:1	Engine rebuilt, conical exhaust stubs
201	BS2 [ERA]	Super Sports	15/08/51	48.8	140.2	9.75:1	Streamlined Carbs - Exhaust 6 Pipes & Extractor
201	BS2 [ERA]	Super Sports	15/08/51	49.2	141.7	9.75:1	Streamlined Carbs - Exhaust 6 Pipes & Extractor
201	BS2 [ERA]	Super Sports	20/08/51	47.4	137.5	9.75:1	Streamlined Carbs - Exhaust 6 Pipes & Extractor;
201	BS2 [ERA]	Super Sports	07/07/52	52.0	141.5	9.9:1	cone shaped exhaust stubs; 9.9:1 CR; extra notes on back
202	BS2	Super Sports	11/08/51	49.7	136.9	9.65:1	(NO OTHER DATA)

No more

set 16	450 engines			BHP@ 2500	BHP@ 5500		
4	BCE	Sports	25/05/53	52.4	133.0	9.1:1	6 port head; Chute Air Entry - 3-Twin Pipes Exhaust; 9.1:1 CR
5	BCE	Sports	28/05/53	55.3	140.4	9.2:1	3 port head; Chute Air Intake; 9.2:1 CR
6	BCE	Sports	01/06/53	56.0	144.2	9.2:1	3 port head; Chute Air Entry - Triple Pipes; 9.2:1 CR

No more

