

AMAL carb data for Ariel Motorcycles 1940-1954 (remote float) and 1955-1961 (monoblock):



1940 to 1954 (inclusive) SETTINGS AND SPARE PARTS LIST

LIST No. 601/2
(ISSUE NO. 2)

Machine and Engine Details			ENGINE END DETAILS							JET BLOCK		Jet Size	Throttle Valve	Needle Position	Needle Jet	Float Chbr. Type No.	Float Chbr. Body Part No.	Spare Parts List No.
Capacity	Model	Year	Carburettor Type No.	Mix. Chbr. Body No.	Internal Bore	Centre Line of Body to Face of Fl'ge	Flange Centres	Dia. of Bolt Holes	Dia. at Engine End	Part No.	Size No.							
ARIEL.																		
197 O.H.V.	Colt, LH	1954	275BU/1EM	275/004R	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	205/057R	28	75	5/3	3	Std.	1EM (7°)	64/192B	440
350 O.H.V.	NH, (Ex W.D.)	1940-45	76A/2N	76/014	1"	1 1/8"	2"	1 1/8"	1 1/8"	6/058	45	150	6/4	3	-107	2N (15°)	64/187	440
350 O.H.V.	NG (Ex W.D.)	1940-45	75B/2N	75/014	1"	1 1/8"	2"	1 1/8"	1 1/8"	5/058	33	110	5/4	3	Std.	2N (15°)	64/187	440
350 O.H.V.	W/NG (Ex W.D.)	1940-45	275A/2N	275/014R	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	205/058R	33	120	5/4	3	Std.	2N (15°)	64/187	440
350 O.H.V.	W/NG (Ex W.D.)	1940-45	275B/1J	275/014R	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	205/058R	33	120	5/4	3	Std.	1J (15°)	64/186	440
500 O.H.V.	VG (Ex W.D.)	1940-45	76C/2N	76/024	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	6/059	51	170	6/4	3	Std.	2N (15°)	64/187	440
500 O.H.V.	VA (Ex W.D.)	1940-45	276E/6BC	276/112R	1"	2 1/8"	2"	1 1/8"	1"	206/058R	45	140	6/4	3	-107	6BC (15°)	14/603	440
347 O.H.V.	NG	1946-50	275S/1J	275/400R	1"	1 1/8"	2"	1 1/8"	1 1/8"	205/058R	33	120	5/4	3	Std.	1J (15°)	64/186	440
347 O.H.V.	NH	1946-54	276AZ/1J	276/412R	1"	1 1/8"	2"	1 1/8"	1 1/8"	206/058R	45	150	6/4	3	-107	1J (15°)	64/186	440
498 O.H.V.	VG	1946-50	276BB/1J	276/413R	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	206/059R	51	170	6/4	3	Std.	1J (15°)	64/186	440
497 O.H.V.	VH Red Hunter	1946-51	289D/1BM	289/403R	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	229/069R	58	200	29/3	3	Std.	1BM (15°)	64/186B	440
497 O.H.V.	VH Red Hunter	1952-54	289S/1K	289/403R	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	229/069R	58	200	29/3	3	Std.	1K	64/186B	440
497 O.H.V.	HS, Scrambler	1954	10TT9	175/048RR	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	175/101D	1 1/8"	380	6	4	-109	14/534 (15°)	14/225R	449
498 O.H.V.	KG Standard	1946-49	276DA/1DU	276/004R	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	206/057R	39	140	6/3	3	-107	1DU	64/156B	440
498 O.H.V.	KG Standard	1950-52	276EF/1C	276/004R	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	206/057R	39	140	6/3	3	-107	1C	64/156B	440
498 O.H.V.	KH Red Hunter	1946-49	276DE/1DU	276/014R	1"	1 1/8"	2"	1 1/8"	1"	206/058R	45	150	6/3	3	-107	1DU	64/156B	440
498 O.H.V.	KH Red Hunter	1950-54	276EG/1C	276/014R	1"	1 1/8"	2"	1 1/8"	1"	206/058R	45	150	6/3	3	-107	1C	64/156B	440
500 C.C.	Twin, R.H. (K.H.)	1953-54	276FQ/1B	276/014R	1"	1 1/8"	2"	1 1/8"	1"	206/058R	45	150	6/3	3	-107	1B	64/156B	440
598 S.V.	VB	1946-54	276BP/1J	276/112R	1"	2 1/8"	2"	1 1/8"	1"	206/058R	45	160	6/4	3	Std.	1J (15°)	64/186	440
646 O.H.V.	FH Twin Huntmaster	1954	276GJ/1DB	276/427R	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	206/059R	51	170	6/4	2	Std.	1DB (7°)	64/195	440

1955-1961 SETTINGS LIST

1957

List No. 601/3 (Issue No. 2)

MACHINE AND ENGINE DETAILS			Carburettor Type No.	Mixing Chamber Body No.	Internal Bore	ENGINE END DETAILS			JET BLOCK		JET SIZE			Throttle Valve	Needle Position	Needle Jet	Float Chamber Type No.	Float Chamber Body Part No.	Banjo Part No.	SPECIAL DETAILS	Spare Parts List No.
Capacity	Model	Year				Centre Line of Body to Face of Flange	Flange Centres	Diameter of Bolt Holes	Diameter at Engine End	Part No.	Size No.	Main	Pilot								
ARIEL—continued																					
497 O.H.V.	KH Fieldmaster Twin	1955-8	376/7	376/002	1"	1 1/8"	2"	1 1/8"	1"	376/056	1"	200	30	376/3 1/2	3	-106	Monobloc	—	376/090		102/2
497 O.H.V.	HS "R" Hunter Scrambles	1956-7-8	389/11	389/004	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	389/058	1 1/8"	380	30	389/3 1/2	3	-106	Monobloc	—	376/090	FERRULE 6/132A	102/2
497 O.H.V.	HT5 "R" Hunter Trials	1956-7-8	376/64 T	376/003	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	376/057	1 1/8"	200	30	376/3	3	-106 T	Monobloc	—	376/090	FERRULE 6/132A	102/2
500 O.H.V.	Scrambler	1955-6	T10TT9	175/048RR	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	175/101D	1 1/8"	400	—	6	3	-109	14/534 (15°)	14/249			607/2
598 S.V.	VB Model	1955-8	376/13	376/002	1"	1 1/8"	2"	1 1/8"	1"	376/056	1"	220	30	376/5	2	-106	Monobloc	—	376/090		102/2
646 O.H.V.	FH Huntmaster Twin	1955-8-9	376/12	376/003	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	376/057	1 1/8"	240	25	376/3 1/2	3	-106	Monobloc	—	376/090	FERRULE 6/132A	102/2
ARIEL.																					
197 O.H.V.	L.H. Colt	1955-8	376/5	375/004	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	375/058	1 1/8"	110	25	375/3 1/2	2	-105	Monobloc	—	376/090	FERRULE 6/132A	102/2
250 C.C.	Twin, 2-Stroke "Leader"	1958-61	375/33	375/027	1"	1 1/8"	2"	1 1/8"	1"	375/106	1"	170	30	375/3 1/2	3	-105	Monobloc	—	376/130	SPECIAL INTAKE STRANGLER THROTTLE SPRING 375/087	102/2
350 O.H.V.	NH Hunter	1955-8	376/8	376/002	1"	1 1/8"	2"	1 1/8"	1"	376/056	1"	200	25	376/3 1/2	3	-106	Monobloc	—	376/090		102/2
350 O.H.V.	HT3 "R" Hunter Trials	1957-8	376/8	376/002	1"	1 1/8"	2"	1 1/8"	1"	376/056	1"	200	25	376/3 1/2	3	-106	Monobloc	—	376/090		102/2
497 O.H.V.	VH Hunter	1955-8-9	376/11	376/003	1 1/8"	1 1/8"	2"	1 1/8"	1 1/8"	376/057	1 1/8"	200	30	376/3 1/2	3	-106	Monobloc	—	376/090	FERRULE 6/132A	102/2

SPECIAL NOTE. Needle Jets Size -106 are standard and are not usually stamped with the size. Carburettor marked "T" after Carburettor Type No. are fitted with Needle Jets less Bleed Hole.