

1929 Amal and Binks Carburetters.

The following are the various models manufactured during the above period.

- Type 4, 5 and 6.** These Models comprise the best features of both the Amal and B. and B. Carburetters, having an Adjustable Pilot and Variable Main Jet, controlled by a Taper Needle, Were supplied with Single or Double Levers, also Rod Control Single or Double. Single Lever Carburetters are usually fitted with a Plunger on top of the Mixing Chamber to regulate the Air.
- Type 7, 8 and 9.** These Models are the improved Bink's 2-jet Carburetter 1928 Model, having an improved internal construction, being supplied with either Double or Single Levers, or Rod Controls, same as Models 4, 5 and 6.
- Type 26, 27 and 28.** These Models are the Amal Track Racing Carburetters. Twin float chambers were standardized on models 27 and 28.
- Type 250, 282, 238, 274 and 294.** Binks Fast Touring and Racing Carburetters of the Mousetrap pattern. For components of mixing chamber and float chamber refer to page 41.

MIXING CHAMBER COMPONENTS.

1.—Note the type number of the carburetter, which will be found stamped on the outlet of the Mixing Chamber, the actual type number being the figure preceding the stroke; e.g., if your mixing chamber is stamped 4/022, the type number is 4.

2.—Look on page 53 for the illustration of the part required. The part number is the number which shows the same type number as your carburetter, e.g., assuming you require a Jet Needle, this you will observe, by looking at the illustration, has 3 numbers; **4/065, 5/065 and 6/065**, therefore your part number would be **4/065**.

You will notice, however, that some of these components bear only one number, in which case this number is common to all types of carburetters. Also, some of these components bear only 2 numbers; therefore, should your type number not be one of these two, you should refer to the list of parts on page 54, and in the column headed with your Carburetter Type No., you will find which of these two numbers refers to your particular requirement.

3.—Refer to page No. 54, under column headed with the type number of your Carburetter for the number of the component required, and you will then be able to ascertain the correct name and price of same.

4.—There are three mixing chamber components which owing to their being manufactured in various sizes to suit particular engines, you will not be able to describe correctly by the aforementioned method; these are *Throttle Valves, Jet Block Barrels and Jets*. When ordering these, it is necessary to carry out the following instructions.

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Throttle Valve. Proceed as above, in addition quote the "cut away" number which you will find stamped on the top of the Throttle Valve; this will ensure your obtaining the correct cut-away, e.g., assuming your valve is stamped 4/5, your order should read as follows:—

"One AM 11. Throttle Valve No. 4/052 -- 'Cut-away' No. 4/5."

Jet Block Barrel. On the top of the barrel you will find stamped a bore number. Assuming yours is stamped No. 25, you will observe by referring to the list of parts on page 54 that the part No. for that component is 4/059.

Jet. The size of this component is stamped on one flat of the hexagon.

A list shewing sizes of Jets will be found on page 78. Order Jets, for example as follows:—

12 AM 11. Jets 4/042, size No. 65, the price of these being ... 5d. each.

In the case of BINKS Carburettors, state whether Pilot or Main Jets, together with size required.

FLOAT CHAMBER COMPONENTS.

First of all ascertain which float chamber you possess, i.e., large or small, top or bottom feed; the large float chamber is $1\frac{1}{2}$ -in. diameter, and the small float chamber is $1\frac{1}{4}$ -in. diameter.

Top Feed is when your petrol pipe is connected to the float chamber cover, and the bottom feed is when the petrol pipe is connected to the bottom of the float chamber. Refer to illustrations below and on page 53, and then refer to page 56 for the name and price of the component.

CONTROL LEVER COMPONENTS.

Apart from the standard double and single levers controls fitted on above models (spares list and illustrations of which will be found on page 58) we have made other controls, i.e., Trigger lever, Tom Tit lever, inverted levers for twist grips, Straight pull Clutch lever and a double lever combined with pull up lever.

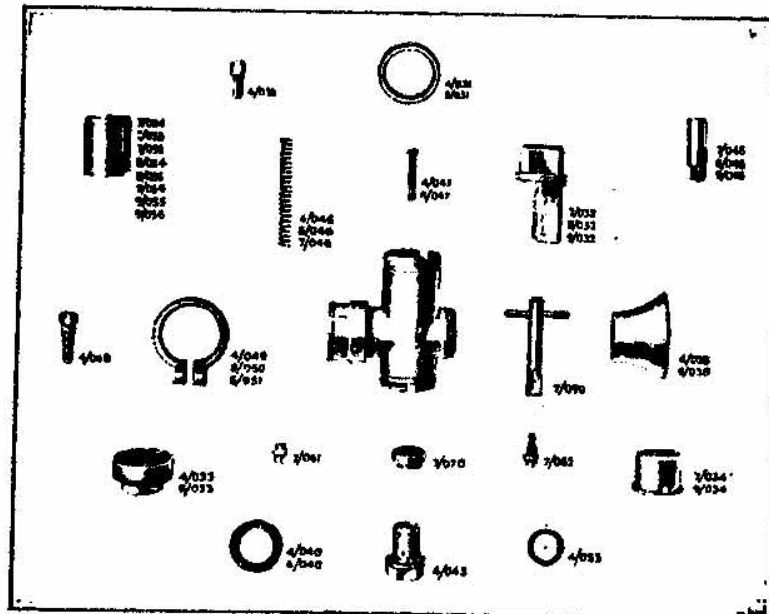
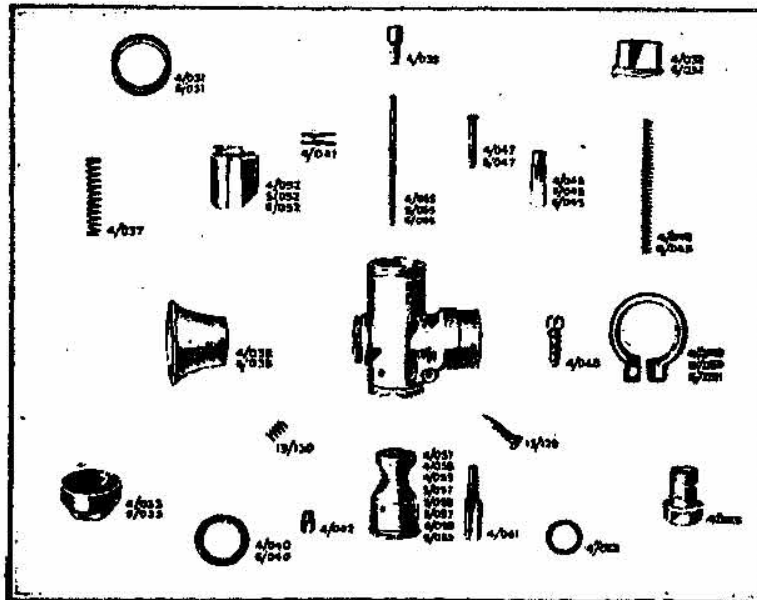
Spares and illustrations of the latter will be found on pages 57 to 65 inclusive.

TWIST GRIP COMPONENTS.

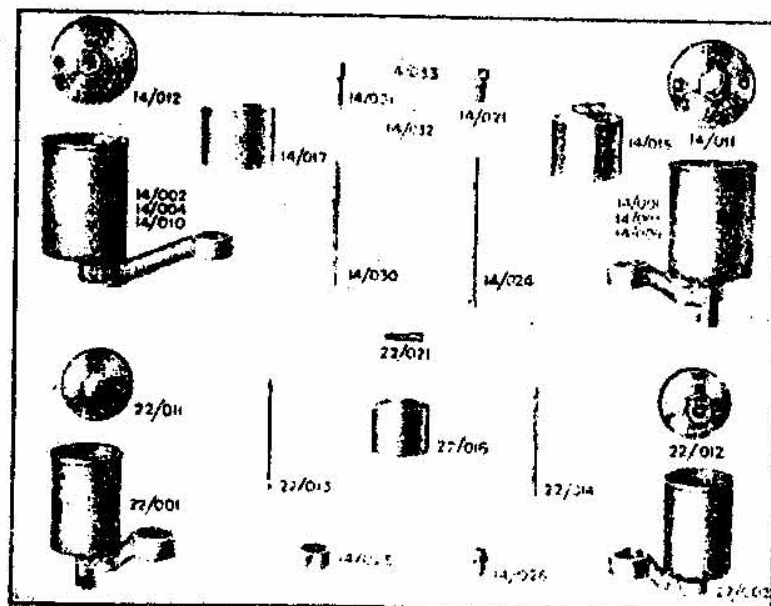
Standard Amal and Binks quick action twist grips are fitted to Amal Carburettors. Illustrations of same together with list will be found on pages 66 to 67.

**1929-30
Amal—Binks
Carburettors**

Amal Mixing
Chamber Parts



Binks Mixing
Chamber Parts



Float Chamber
Parts

1929 Amal and Binks Carburettors

MIXING CHAMBER PARTS.

PART NUMBERS.

Component	AMAL CARBURETTORS.				BINKS CARBURETTORS.				PRICE s. d.
	Type 4.	Type 5.	Type 6.	Type 7.	Type 8.	Type 9.	Type 9.	Type 9.	
	According to engine	According to engine	According to engine	According to engine	According to engine	According to engine	According to engine	According to engine	
Mixing Chamber ...	...	...	...	...	...	...	...	...	8 0
Mixing Chamber ...	...	...	...	...	...	...	...	...	10 0
Mixing Chamber ...	...	...	...	...	...	...	...	...	12 0
Jet Block and Barrel complete,									
Size 17 ...	4/057	—	—	—	—	—	—	—	5 0
Size 21 ...	4/058	—	—	—	—	—	—	—	5 0
Size 25 ...	4/059	—	—	—	—	—	—	—	5 0
Size 28 ...	—	5/057	—	—	—	—	—	—	5 0
Size 33 ...	—	5/058	—	—	—	—	—	—	5 0
Size 39 ...	—	—	6/057	—	—	—	—	—	5 0
Size 45 ...	—	—	6/058	—	—	—	—	—	5 0
Size 51 ...	—	—	6/059	—	—	—	—	—	5 0
Jet Block (Binks) ...	—	—	—	—	—	—	—	—	1 6
Mixing Chamber Union Nut	4/033	4/033	6/033	7/034	7/034	9/034	9/034	9/034	1 6
Mixing Chamber Cap	4/031	4/031	6/031	4/031	4/031	6/031	6/031	6/031	1 9
Mixing Chamber Top	4/032	4/032	6/032	7/032	8/032	9/032	9/032	9/032	1 9
Cable, per length complete	—	—	—	—	—	—	—	—	2 3
Midway Cable Adjusters ...	—	—	—	—	—	—	—	—	1 0
Cable Stop (Top Hat Shape)	6/132	6/132	6/132	6/132	6/132	6/132	6/132	6/132	2 2
Cable Adjusters ...	4/035	4/035	4/035	4/035	4/035	4/035	4/035	4/035	4 2
Cable Nipples ...	4/036	4/036	4/036	4/036	4/036	4/036	4/036	4/036	4 2
Throttle Valve Spring	4/037	4/037	4/037	4/037	4/037	4/037	4/037	4/037	3 3
Air Funnel	4/038	4/038	6/038	4/038	4/038	6/038	6/038	6/038	2 6
Washer for Jet Block	4/040	4/040	6/040	4/040	4/040	6/040	6/040	6/040	2 2
Spring Clip for Needle	4/041	4/041	4/041	—	—	—	—	—	4 4
Holding Bolt	4/043	4/043	4/043	4/043	4/043	4/043	4/043	4/043	2 0
Air Valve ...	4/045	5/045	6/045	7/045	8/045	9/045	9/045	9/045	2 2
Air Valve Spring ...	4/046	4/046	6/046	7/046	4/046	6/046	6/046	6/046	3 3
Air or Throttle Valve Guide	4/047	4/047	6/047	4/047	4/047	6/047	6/047	6/047	2 2
Outlet Clip Screw ...	4/048	4/048	4/048	4/048	4/048	4/048	4/048	4/048	6 6
Outlet Clip, 1-in. ...	4/049	4/049	—	4/049	4/049	—	4/049	4/049	1 9
Outlet Clip, 1 1/4-in.	—	5/050	5/050	—	—	—	—	—	1 9

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MIXING CHAMBER PARTS.

Component	PART NUMBERS.									PRICE s. d.
	AMAL CARBURETTERS.			BINKS CARBURETTERS.			BINKS CARBURETTERS.			
	Type 4.	Type 5.	Type 6.	Type 7.	Type 8.	Type 9.	Type 7.	Type 8.	Type 9.	
Outlet Clip, 1 $\frac{1}{4}$ -in. ...	—	—	6/051	—	—	6/051	—	—	6/051	1 9
Throttle Valve ...	4/052	5/052	6/052	Type 25	Type 33	Type 51	Type 25	Type 33	Type 51	3 10
Throttle Valve ...	—	—	—	Type 21	Type 28	Type 45	Type 21	Type 28	Type 45	3 10
Throttle Valve ...	—	—	—	Type 17	—	Type 39	Type 17	—	Type 39	2 10
Holding Bolt Washer ...	4/053	4/053	4/053	4/053	4/053	4/053	4/053	4/053	4/053	2 2
Needle Jet ...	4/061	4/061	4/061	—	—	—	—	—	—	1 9
Needle for Jet ...	4/065	5/065	6/065	—	—	—	—	—	—	1 3
Air Adjusting Screw ...	13/129	13/129	13/129	—	—	—	—	—	—	6 2
Spring for Air Adjusting Screw ...	13/130	13/130	13/130	—	—	—	—	—	—	2 2
Filter ...	—	—	—	7/070	7/070	7/070	7/070	7/070	7/070	1 6
Jet Key ...	—	—	—	7/099	7/099	7/099	7/099	7/099	7/099	1 1
Main Jet ...	4/042	4/042	4/042	—	—	—	—	—	—	5 5
Main Jet ...	—	—	—	7/062	7/062	7/062	7/062	7/062	7/062	5 5
Pilot Jet ...	—	—	—	7/061	7/061	7/061	7/061	7/061	7/061	5 5

1929-30 Amal and Binks Carburettors

Spare Parts for

1929 AND 1930 FLOAT CHAMBER PARTS.

Component	PART NUMBERS				Price s. d.
	LARGE FLOAT CHAMBER		SMALL FLOAT CHAMBER		
	Bottom Feed.	Top Feed.	Bottom Feed.	Top Feed.	
Float Chamber Body (Std. Base)	14/001	14/002	---	---	12 0
Float Chamber Body (Long Base)	14/003	14/004	---	---	12 0
Float Chamber Body (Double)	14/009	14/010	---	---	20 0
Float Chamber Body (Std. Base)	---	---	22/001	22/002	8 6
Float Chamber Cover	14/011	14/012	22/011	22/012	4 3
Float	14/015	14/017	22/016	22/016	2 6
Cover Lock Screw	14/021	---	---	---	6
Needle	14/024	14/030	22/013	22/014	11
Petrol Union Nut	14/025	14/025	14/025	14/025	6
Petrol Union Nipple	14/026	14/026	14/026	14/026	3
Tickler	14/031	14/031	22/021	22/021	7
Tickler Spring	14/032	14/032	14/032	14/032	2
Cotter for Tickler	14/033	14/033	14/033	14/033	1
Double Float Chamber complete ... ..	...	...	...	...	33 0
Large .. ..	...	...	...	...	23 0
Small .. ..	...	...	...	...	17 0

1929-30 Amal and Binks Carburetters.

SPARES LIST FOR CONCENTRIC CARBURETTER.

MIXING CHAMBERS.

COMPONENT	PART NO.	LIST PRICE
Mixing Chamber	7/025	8 0
Throttle Valve	25	3 10
Jet Block	7/034	1 6
Stop Screw	9/059	6
Lock Nut for ditto	9/060	3
Mixing Chamber Union Nut	4/033	1 6
Mixing Chamber Cap	4/031	1 9
Mixing Chamber Top	30/063	1 9
Cable Adjuster	4/035	4
Cable Nipple	4/036	2
Throttle Valve Spring	4/046	3
Air Funnel with Dome	30/003	3 0
Washer for Jet Block	4/040	2
Holding Bolt	7/071	2 0
Outlet Clip	5/050	1 9
Outlet Clip Bolt	4/048	6
Throttle Valve Guide	4/047	2
Filter	7/070	1 6
Jet Key	7/099	1 0
Main Jet	7/062	5
Pilot Jet	7/061	5
Air Valve	30/092	2 6
Air Valve Operating Rod	30/008	} 1 3
Top for Rod	30/060	
Rod Nipple	30/061	
Click Spring	30/064	2

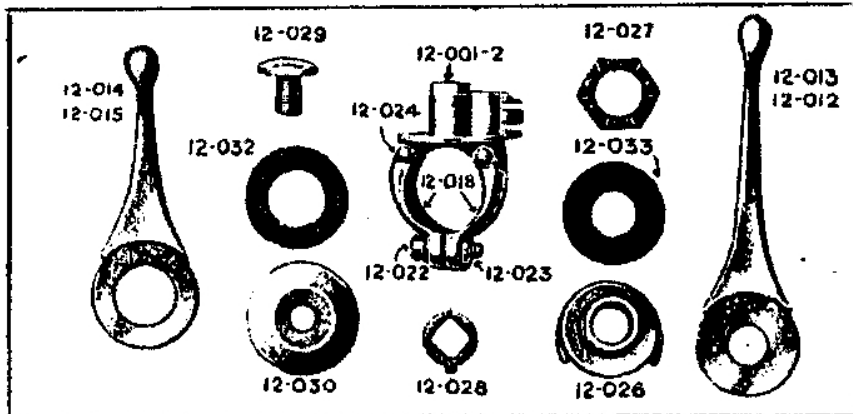
FLOAT CHAMBER.

Float Chamber Complete	22/079	17 0
Float Chamber Cover (no Vent Hole)	22/011	4 3
Float Chamber Body	22/001	8 6
Float	22/016	2 6
Needle	22/013	11
Petrol Union Nut	14/025	6
Petrol Union Nipple	14/026	3
Tickler	22/023	7
Tickler Body	22/024	7
Tickler Spring	14/032	2
Cotter for Tickler	14/033	1

CONTROL (TOM TIT).

Control Lever	20/001	2 6
Control Base	20/010	1 0
Control Body	20/003	1 6
Control Bolt	20/011	6
Distance Piece	20/006	3
Control Top	20/007	5
Cable Stop	20/008	4
Spring Washer	20/009	3
Cable Nipple	12/034	2
Nut for Control Bolt	12/021	2

1929 and 1930 Amal Controls.



AMAL CONTROLS SPARE PARTS.

Component	AID.	AOD.	AIS.	AOS.	Price
Control Body ...	12/001	12/002	12/003	12/004	s. d. 1 10
Control Lever (long) ...	12/013	12/012	—	—	2 6
Control Lever (short) ...	12/014	12/015	12/014	12/015	2- 6
Handlebar Clip 1-in. ...	12/018	12/018	12/018	12/018	6
Handlebar Clip ¾-in. ...	12/019	12/019	12/019	12/019	6
Handlebar Clip Screw ...	12/022	12/022	12/022	12/022	3
Handlebar Clip Screw Nut ...	12/023	12/023	12/023	12/023	3
Handlebar Clip Rivet ...	12/024	12/024	12/024	12/024	2
Cable Ferrules ...	12/025	12/025	12/025	12/025	2
Division Plate ...	12/026	12/026	—	—	5
Adjusting nut ...	12/027	12/027	—	—	6
Locking Washer ...	12/028	12/028	—	—	3
Control Bolt ...	12/029	12/029	12/029	12/029	3
Control Cap ...	12/030	12/030	12/031	12/031	5
Spring Washer each ...	12/032	12/032	12/033	12/033	2
Cable Nipple ...	12/034	12/034	12/034	12/034	2
Inner Wire, per foot ...	—	—	—	—	2
Outer Cable, per foot ...	—	—	—	—	6

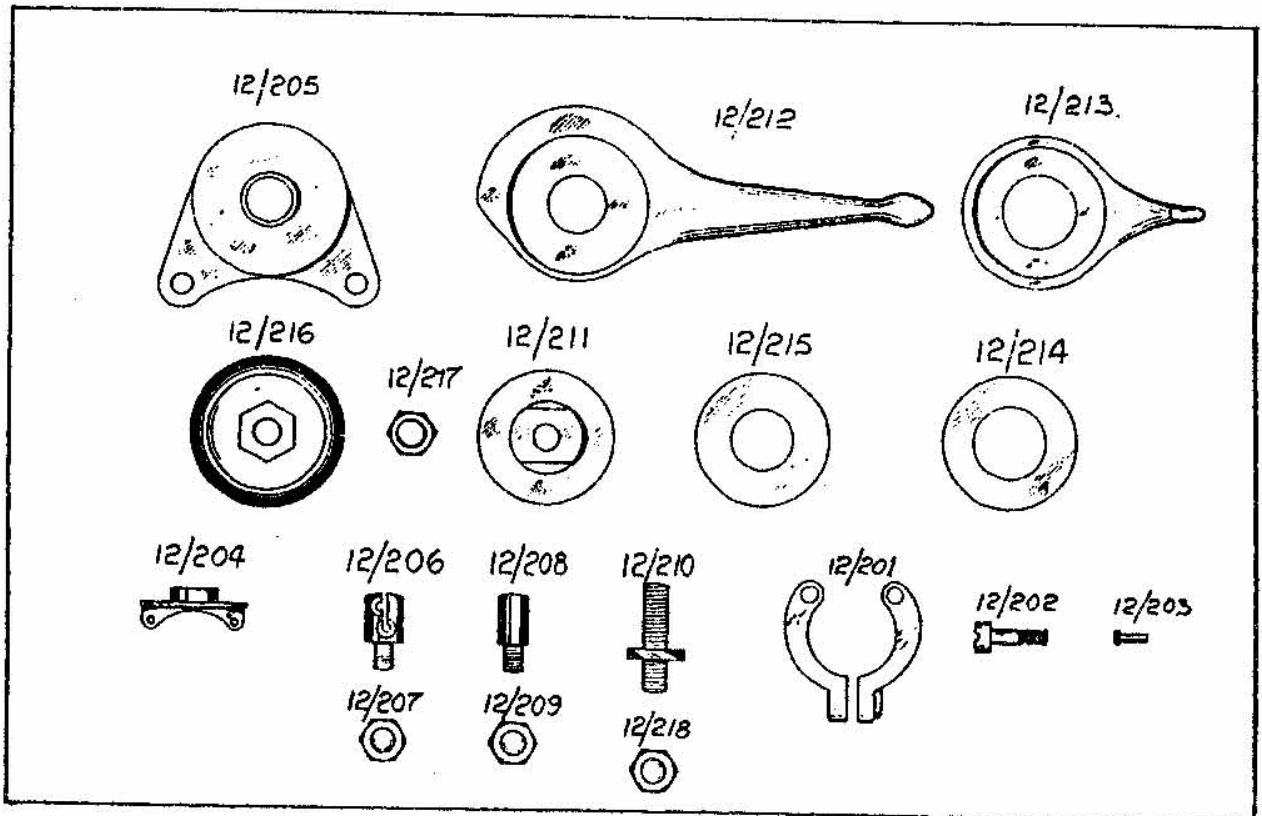
AID. = Double Lever Control, open in on R.H. Bar.

AOD. = Double Lever Control, open out on R.H. Bar.

AIS. = Single Lever Control, open in on R.H. Bar.

AOS. = Single Lever Control, open out on R.H. Bar.

1929 and 1930 Amal Control.

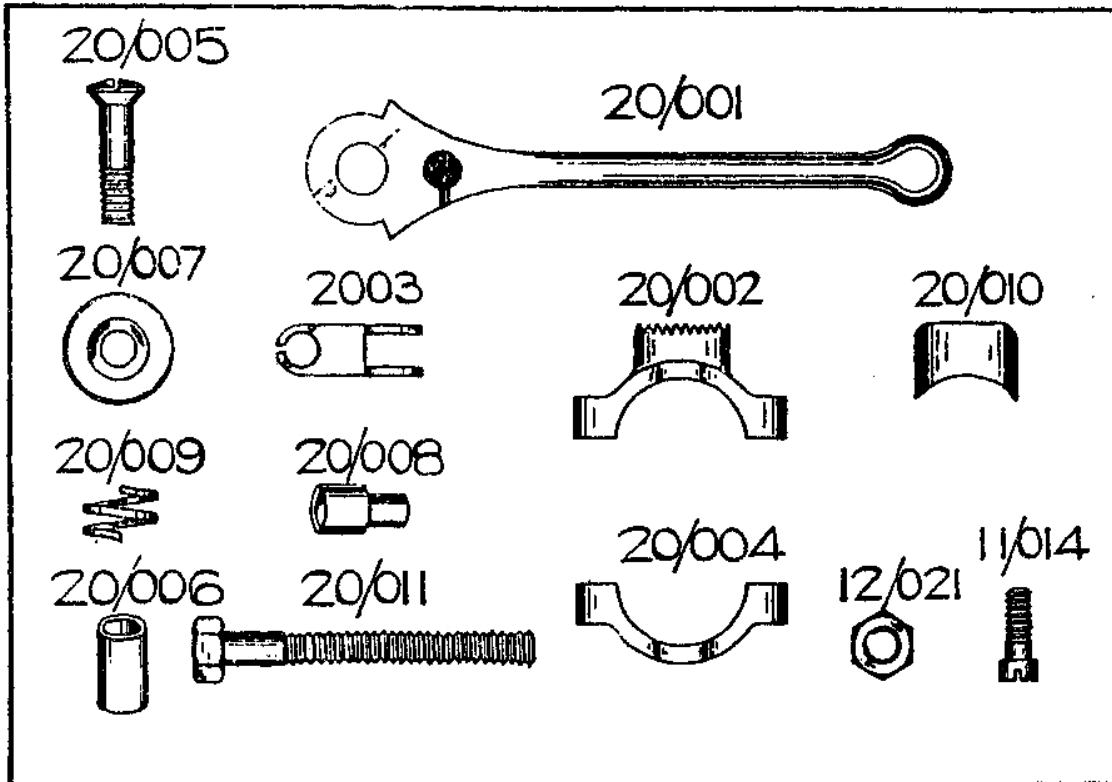


1929 AND 1930 DOUBLE LEVER RACING CONTROL SPARES.

Component	NUMBER.	PRICE
Control Clips, per pair	12/201	1 6
Control Clip Pin	12/202	6
Control Clip Rivets, per pair	12/203	3
Control Clip Holder	12/204	1 6
Lever Base	12/205	3 6
Cable Stop	12/206	9
Cable Stop Nut	12/207	3
Lever Stop	12/208	6
Lever Stop Nut...	12/209	3
Central Stud	12/210	9
Central Stud Lock Nut	12/218	3
Lever Bush	12/211	1 6
Long Lever	12/212	4 0
Short Lever	12/213	3 0
Friction Washers, each (12/214 large hole) (12/215 small hole)		4
Top Cap	12/216	1 9
Top Nut	12/217	3
Inner Wire	per foot	2
Outer Cable	per foot	6

1929-30 Amal Controls.

TOM TIT CONTROL PARTS

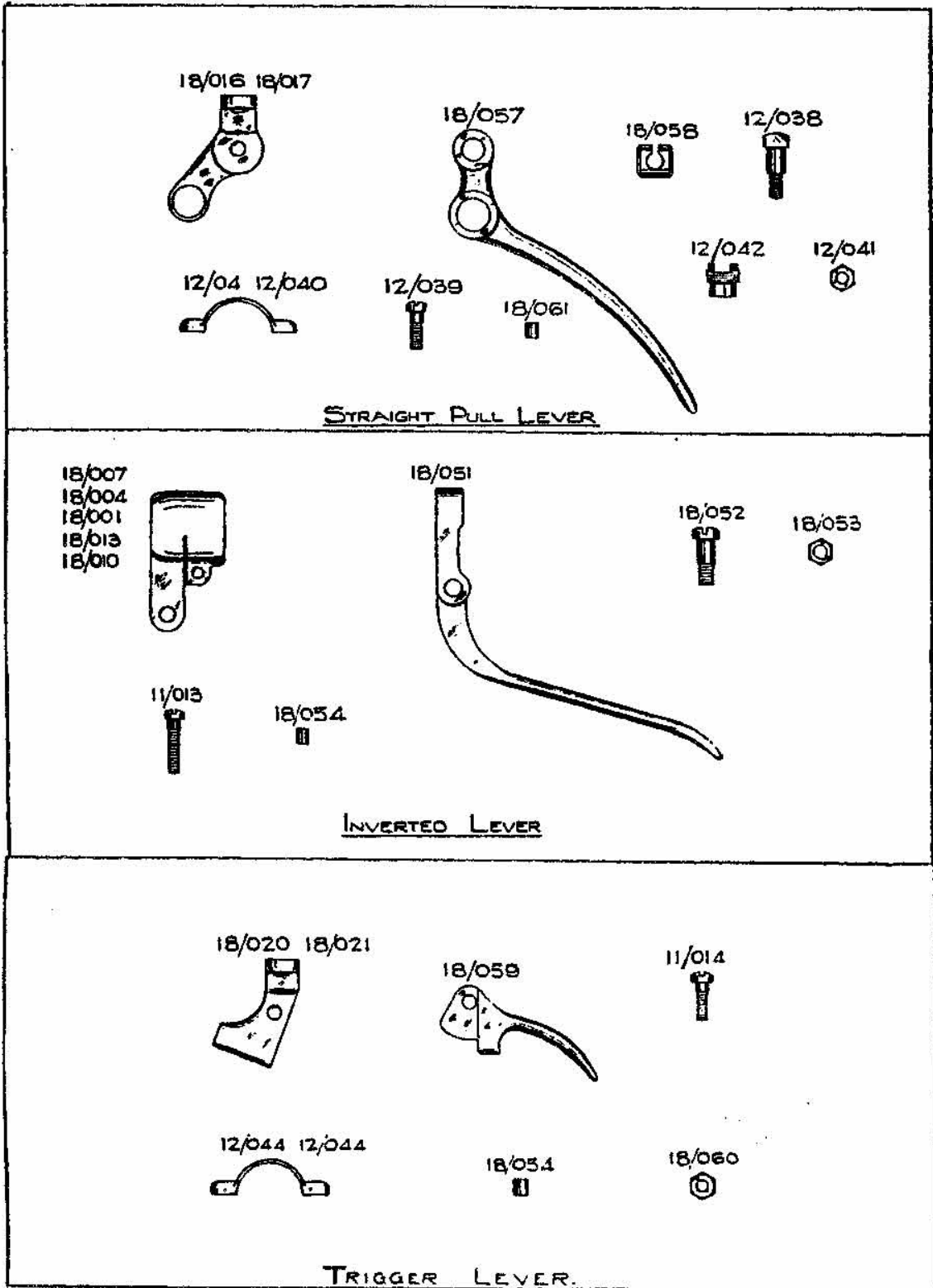


CONTROL (TOM TIT).

COMPONENT	PART No.	LIST PRICE
Control Lever	20/001	2 6
Control Base	20/010	1 0
Control Body	20/003	1 6
Control Bolt	20/011	6
Distance Piece	20/006	3
Control Top	20/007	5
Cable Stop	20/008	4
Spring Washer	20/009	3
Cable Nipple	12/034	2
Inner Wire	per foot	2
Outer Cable	per foot	6
Nut for Control Bolt	12/021	2

1929-30 Amal Controls.

Spares List of Straight Pull Lever.



1929-30 Amal Controls.

SPARES LIST OF STRAIGHT PULL LEVER.

COMPONENT.	PART NUMBER		Price
	1" Bar.	$\frac{7}{8}$ " Bar.	
Straight Pull Bracket	18/016	18/017	2 8
Straight Pull Lever	18/057	18/057	2 5
Fulcrum Pin	12/038	12/038	3
Nut for ditto	12/041	12/041	3
Adjusting Bush	12/042	12/042	10
Roller	18/058	18/058	6
Cable Nipple	18/061	18/061	6
Clamp	12/044	12/040	6
Clamp Screws	12/039	12/039	3
Inner Wire, per foot	—	—	2
Outer Cable, per foot	—	—	6


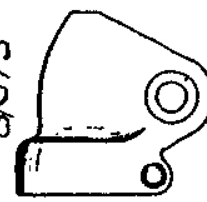
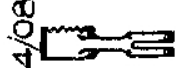

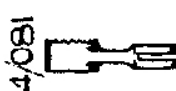
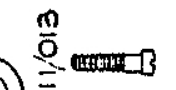
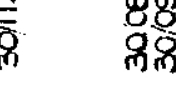

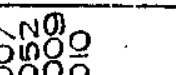




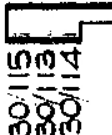




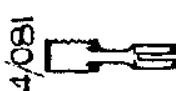

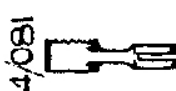
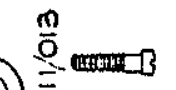
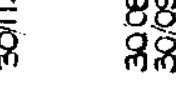

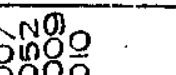
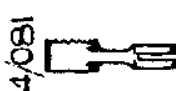

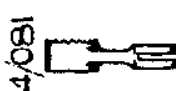
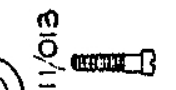
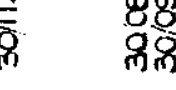

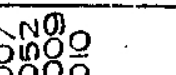
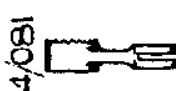

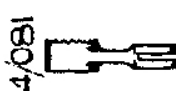
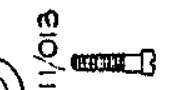
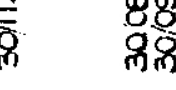

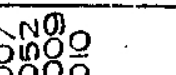

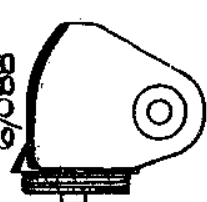
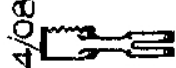

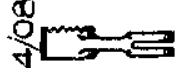



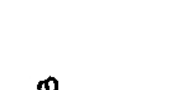
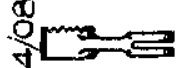

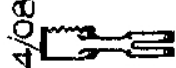



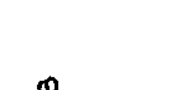
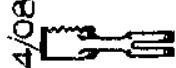

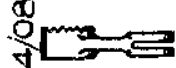



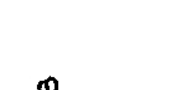
SPARES LIST OF INVERTED LEVERS.

COMPONENT	Inverted Lever 18/007 for $\frac{7}{8}$ " H'Bar.	Inverted Lever 18/004 for 1" H'Bar.	Inverted Lever 18/001 for $\frac{7}{8}$ " and 1" H'Bar.	Inverted Lever 18/013 for $\frac{7}{8}$ " D/Grip	Inverted Lever 18/010 for 1" D/Grip	Price
	Inverted Lever Body	18/007	18/004	18/001	18/013		18/010	2 9
Inverted Lever ...	18/051	18/051	18/051	18/051	18/051	3 0
Pin for Lever ...	18/052	18/052	18/052	18/052	18/052	3
Nut for Lever ...	18/053	18/053	18/053	18/053	18/053	3
Pinch Pin for Body	11/013	11/013	11/013	11/013	11/013	3
Cable Nipple ...	18/054	18/054	18/054	18/054	18/054	2

SPARES LIST OF TRIGGER LEVERS.

COMPONENT.	PART NUMBER	Price.
Trigger Lever Body 1-in.	18/020	1 2
Trigger Lever Body $\frac{7}{8}$ -in.	18/021	1 2
Clamp 1-in.	12/044	6
Clamp $\frac{7}{8}$ -in.	12/040	6
Trigger Lever	18/059	1 6
Pin for Lever and Clamp	11/014	3
Nut for ditto	18/060	3
Cable Nipple	18/054	2

1929-30 Amal Controls

<p>4/074 5/074 6/074 ETC.</p>  <p>4/075 6/075 8/075</p> 	<p>4/081</p>  <p>4/086</p>  <p>4/087</p>  <p>4/088</p>  <p>4/089</p>  <p>4/090</p>  <p>4/091</p> 	<p>30/005 30/006 30/007 30/052 30/009 30/010</p>  <p>30/061</p>  <p>30/060</p>  <p>30/059 30/062 30/116 30/118</p> 	<p>30/115 30/113 30/114</p>  <p>30/089 30/090 30/115</p>  <p>30/064</p>  <p>30/005 30/004</p> 
<p>4/078 6/078 ETC.</p> 	<p>4/081</p>  <p>4/086</p>  <p>4/087</p>  <p>4/088</p>  <p>4/089</p>  <p>4/090</p>  <p>4/091</p> 	<p>4/081</p>  <p>4/086</p>  <p>4/087</p>  <p>4/088</p>  <p>4/089</p>  <p>4/090</p>  <p>4/091</p> 	<p>4/081</p>  <p>4/086</p>  <p>4/087</p>  <p>4/088</p>  <p>4/089</p>  <p>4/090</p>  <p>4/091</p> 
<p>4/074 5/074 6/074 ETC.</p>  <p>4/088 6/088</p> 	<p>4/081</p>  <p>4/086</p>  <p>4/087</p>  <p>4/088</p>  <p>4/089</p>  <p>4/090</p>  <p>4/091</p> 	<p>4/081</p>  <p>4/086</p>  <p>4/087</p>  <p>4/088</p>  <p>4/089</p>  <p>4/090</p>  <p>4/091</p> 	<p>4/081</p>  <p>4/086</p>  <p>4/087</p>  <p>4/088</p>  <p>4/089</p>  <p>4/090</p>  <p>4/091</p> 

1929-30 Amal & Binks Carburetters and Controls,

PARTS SPECIAL FOR OVERHEAD ROD CONTROLLED CARBURETTERS. DOUBLE.

	Type 4/LD	Type 5/LD	Type 6/LD	Type 47/LD	Type 48/LD	Type 49/LD	Price
Lever Control Body	4/088	4/088	6/088	4/088	4/088	4/088	s. d. 4 6
Throttle Valve ...	4/074	5/074	6/074	Type 25	Type 33	6/088	3 10
Throttle Valve ...	—	—	—	Type 21	Type 28	Type 51	3 10
Throttle Valve ...	—	—	—	Type 17	—	Type 45	3 10
Eye Piece ...	4/089	4/089	6/089	4/089	4/089	Type 39	8
Link for Throttle	4/097	4/097	4/097	4/097	4/097	6/089	3 3
Internal Lever ...	4/081	4/081	4/081	4/081	4/081	4/097	1 6
External Lever ...	4/082	4/082	4/082	4/082	4/082	4/081	2 0
Lever Bolt ...	4/090	4/090	4/090	4/090	4/090	4/082	9
Stop Pin ...	4/084	4/084	4/084	4/084	4/084	4/090	3 3
Swivel Cotter Pin ...	4/086	4/086	4/086	4/086	4/086	4/084	1
Split Cotter Pins for do.	4/087	4/087	4/087	4/087	4/087	4/086	1
Nut for Lever Bolt	4/091	4/091	4/091	4/091	4/091	4/087	2
Spring Washer ...	4/085	4/085	4/085	4/085	4/085	4/091	2
Screw Ring ...	4/092	4/092	4/085	4/085	4/085	4/085	2 0
Screw Ring ...	—	—	—	4/092	4/092	—	2 3
Air Valve ...	4/093	4/093	6/092	—	—	6/092	6
Rivet for Air Valve	4/094	4/094	6/093	7/093	8/093	9/093	1
Air Valve Extension Plate	4/096	4/096	6/094	—	—	—	3
Split Cotter Pin for Bolt	4/060	4/060	4/096	—	—	—	1
Screw for Body ...	13/177	13/177	4/069	4/060	4/060	4/060	3
			13/177	13/177	13/177	13/177	3

1929-30 Amal and Binks Carburetters and Controls.

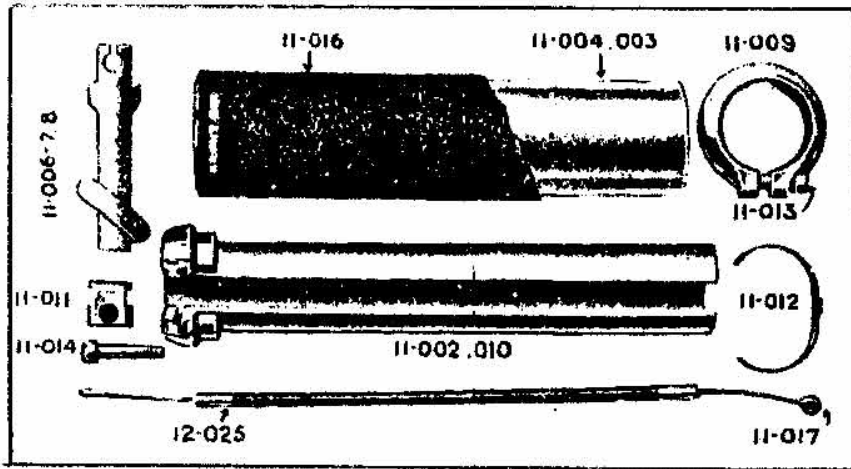
PARTS SPECIAL FOR OVERHEAD ROD CONTROLLED CARBURETTERS. SINGLE

Component	Type 4/1s	Type 5/1s	Type 6/1s	Type 47/1s	Type 48/1s	Type 49/1s	PRICE
Lever Control Body	4/075	4/075	7/075	6/075	8/075	6/075	s. d. 4 6
Throttle Valve	4/078	5/078	6/078	Type 25	Type 33	Type 51	3 10
Throttle Valve	—	—	—	Type 21	Type 28	Type 45	3 10
Throttle Valve	—	—	—	Type 17	—	Type 39	3 10
Eye Piece	4/077	4/077	4/077	4/077	4/077	4/077	8
Link for Throttle	4/097	4/097	4/097	4/097	4/097	4/097	3 3
Eye Piece Nut	4/079	4/079	4/079	4/079	4/079	4/079	3 3
Eye Piece Bush	4/080	4/080	4/080	4/080	4/080	4/080	3 3
Internal Lever	4/081	4/081	4/081	4/081	4/081	4/081	1 6
External Lever	4/082	4/082	4/082	4/082	4/082	4/082	0 0
Lever Bolt	4/083	4/083	4/083	4/083	4/083	4/083	0 9
Stop Pin	4/084	4/084	4/084	4/084	4/084	4/084	3 3
Swivel Cotter Pin	4/086	4/086	4/086	4/086	4/086	4/086	1 1
Split Cotter Pins for do.	4/087	4/087	4/087	4/087	4/087	4/087	1 1
Nut for Lever Bolt	12/021	12/021	12/021	12/021	12/021	12/021	2 2
Spring Washer	4/085	4/085	4/085	4/085	4/085	4/085	2 2
Clip Pin for Body	11/013	11/013	11/013	11/013	11/013	11/013	3 3
Strangler Inner Plate	4/098	4/098	4/098	4/098	4/098	4/098	1 3
Strangler Outer Plate	4/099	4/099	4/099	4/099	4/099	4/099	1 3
Strangler Rivet	4/100	4/100	4/100	4/100	4/100	4/100	3 3

PARTS SPECIAL FOR SINGLE LEVER MODELS

Component	Type 4/...s	Type 5/...s	Type 6/...s	Type 7/...s	Type 8/...s	Type 9/...s	PRICE
Air Valve	30/088	30/090	30/091	30/092	30/093	30/094	12 6
Air Valve Operating Rod	30/005	30/006	30/007	30/008	30/009	30/010	3 3
Top for Rod	30/060	30/060	30/060	30/060	30/060	30/060	2 2
Rod Nipple	30/061	30/061	30/061	30/061	30/061	30/061	2 2
Click Spring	30/064	30/064	30/064	30/064	30/064	30/064	1 9
Mixing Chamber Top	30/058	30/058	30/062	30/063	30/065	30/066	3 0
Domed Air Funnel	30/003	30/003	30/004	30/003	30/003	30/004	3 0

1929-30 Amal Twist Grip



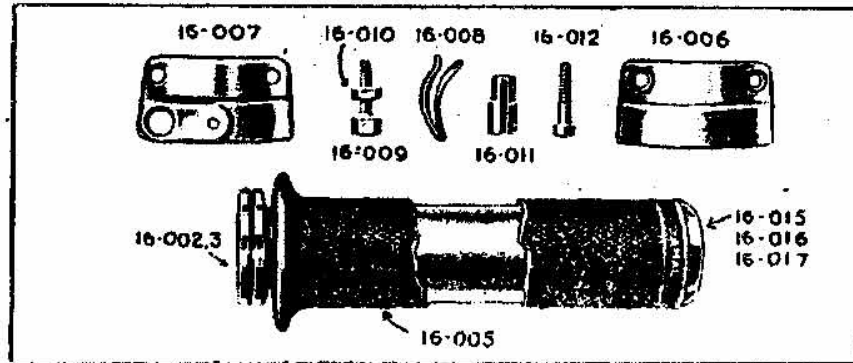
1929 AND 1930 AMAL TWIST GRIP.

AMAL TWIST GRIP PARTS. (1928 Standard Models). STRAIGHT PULL TYPE.

Component	NUMBER	Price
Inner Sleeve and Rear Clip (long 11/001 and 010) (short 11/002 and 010)	... ..	3 3
Outer Sleeve complete (long 11/004 and 003) (short 11/005)	... ..	3 3
*Slide Strip, Key and Nipple Carrier R.H.	11/022R.	1 0
*Slide Strip, Key and Nipple Carrier L.N.	11/033L.	1 0
Rear Clip	11/009	1 9
Cable Stop	11/011	9
Spring	11/012	4
Pin for Rear Clip	11/013	3
Pin for Front Clip	11/014	3
Rubber Grip (6½-in long 11/015) (5-in short 11/016)	... ..	1 6
Cable Nipple	11/017	2
Liner for Twist Grip (¾-in bar only (long 11/018) (short 11/019)	... ..	1 6
Dummy Grip ¾-in. (6½-in. long 11/030) 5-in. short 11/031)	... ..	1 6
Dummy grip 1-in. (6½-in. long 11/033) (5-in. short 11/034)	... ..	1 6
Dummy Grip end cap 1-in. grip	11/032	4
Dummy Grip end cap ¾-in. grip	11/035	4
Dummy Grip end cap closed end	11/036	4
Inner Wire per foot	... ..	2
Outer Cable per foot	... ..	6

* **Note.**—The illustration No. for this part is shown as 11/006-7-8

1929-30 Binks Twist Grip Parts,



1929 AND 1930 BINKS TWIST GRIP PARTS.

Component	NUMBER	Price
Inner Sleeve and Rotor (long)	16/001-3	3 6
Inner Sleeve and Rotor (short)	16/002-3	3 6
Grip ... (long 16/004) (short 16/005)		1 6
Body (top half) R.H.	16/006	3 0
Body (bottom half) R.H.	16/007	3 0
Friction Spring	16/008	6
Screw for Friction Spring	16/009	4
Lock Nut for ditto	16/010	2
Cable Stop	16/011	4
Screw for Body (2)	16/012	3
Liner for Long Twist Grip	16/013	1 6
Liner for Short Twist Grip	16/014	1 6
End Cap (1-in. bar)	16/015	4
End Cap (¾-in. bar)	16/016	4
End Cap with closed end	16/017	4
Inner Wire per foot		2
Outer Wire per foot		6

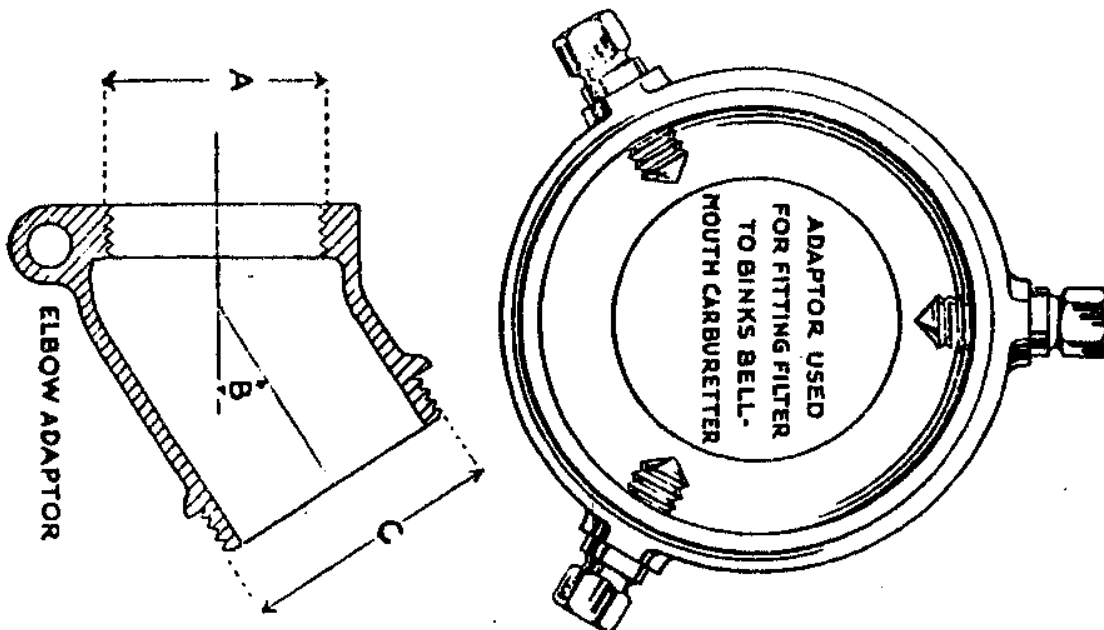
ADAPTORS FOR AIR FILTER.

For dimensions " A " and " B " see table on page 5.

Fitting Air Filter to Binks' Carburetter, with Bell Mouth Air Intake.
This can be done by means of the Adaptor No. 10/041, illustrated above.

For Particulars see page 69.

1929-30 Amal Air Filter

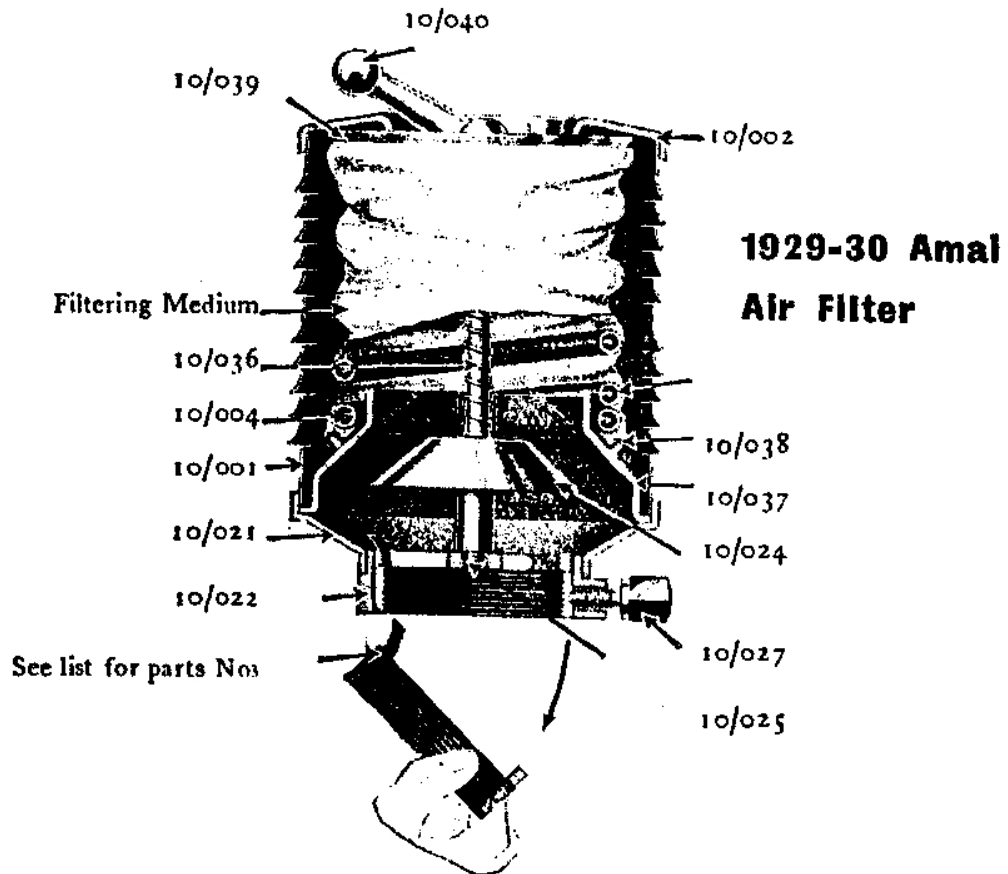


ELBOW FITTINGS FOR AIR FILTERS.

The following Elbow Adaptors can be supplied with air filters for fitting to those machines with insufficient clearance behind carburettor air intake for air filter.

Angle of Elbow " B "	Number of Elbow	Dia. of Carb. Intake " A "	Threads per in on Carb. Intake	Type of Carburettor
30°	15/007	1 1/8"	24	Amac 25M, 30M, 40M 25PJ, 30PJ 25HYDM, 30HYDM
30°	15/008	1 7/8"	24	Amac 10M, 25TT25
30°	15/010	1 1/4"	24	Amac 15M, 15PJ 15MYDM
30°	15/016	1 1/4"	20	Binks
30°	15/011	1 7/8"	20	Binks
30°	15/017	1 1/8"	28	B. and B. 123, 121, 122
30°	15/024	1 7/8"	28	B. and B. 120
60°	15/004	1 1/8"	24	Amac 25M, 30M, 40M 25PJ, 25HYDM 30HYDM, 30PJ
60°	15/003	1 1/4"	24	Amac 15M, 15PJ 15MYDM
60°	15/012	1 1/4"	20	Binks
60°	15/013	1 3/8"	28	B. and B. 121, 122, 123
60°	15/019	Bell Mouth		Binks
60°	15/009	1 7/8"	28	B. and B. 120
90°	15/005	1 1/8"	24	Amac 25M, 30M, 40M 25PJ, 30PJ, 25HYDM 30HYDM
90°	15/006	1 1/4"	24	Amac 15M, 15PJ 15MYDM
90°	15/014	1 1/4"	20	Binks
90°	15/015	1 3/8"	28	B. and B. 123, 121, 122
90°	15/060	1 7/8"	28	B. and B. 120

When it is known that an elbow is necessary this will always be supplied with the filter and the extra charge made.



AMAL AIR FILTER SPARE PARTS LIST.

Component	Ref. Number	s. d.
Air Cleaner Case	10/001	1 0
Adaptor End Cap, Bridge piece and spindle ...	10/021-22-25	2 0
Back End Cap	10/002	9
Spring for silk bag	10/004	6
Back End Plate Nut	10/040	4
End Plate for silk bag (rear)	10/039	6
Lock Screw	10/027	3
Fabric Sleeve	—	1 0
Valve Seat	10/037	1 3
Valve complete	10/024	9
Front End Cap for silk bag	10/038	10
Valve Spring	10/036	3
Pins for Binks Adaptor	10/043	3
Valve Spring Lock Nut	139/2	2
Bridge Piece Adaptor	—	1 0

The number of the bridge piece adaptor will depend on the carburettor to which the filter has to be fitted and the following is a list of the bridge piece adaptors which can be supplied.

No. of Adaptor	Dia. of Carb. Intake	Threads per in.	Carburettor	Price s. d.
10/028	1 $\frac{1}{4}$ "	24	Amac	1 0
10/029	1 $\frac{3}{16}$ "	28	B. and B.	1 0
10/030	1 $\frac{1}{4}$ "	20	Binks	1 0
10/031	1 $\frac{7}{16}$ "	24	Amac	1 0
10/032	1 $\frac{7}{16}$ "	28	B. and B.	1 0
10/033	1 $\frac{7}{16}$ "	20	Binks	1 0
10/035	1 $\frac{1}{16}$ "	24	Amac	1 0
10/044	1 $\frac{1}{16}$ "	24	Amac	1 0
10/041	Bell Mouth	—	Binks	2 0
10/045	1 $\frac{3}{4}$ "	20	Binks	1 0
10/042	1 $\frac{1}{4}$ "	24	Triumph	1 0

1930 Amal and Binks Carburetter.

- Models. T. 4, T. 5, T. 6** Standard Amal Touring Carburetters with fittings the same as 1929 except for the addition of a throttle stop adjuster and nut.
- T. 46, T. 47, T. 48, T. 49.** Standard Binks Carburetters with slight modifications and replaces types 7, 8 and 9, 1929 pattern, but still retaining the Binks characteristics and fitted with the latest Throttle stop adjuster and lock nut. The T. 46 is fitted to Ultra Lightweight machines.
- T. 4. L.D. or L.S.** Carburetters fitted with rod controls either
5. " " " double Lever Type L.D. or single Lever
6. " " " Type L.S.
47. " " "
48. " " "
49. " " "
- T. 26, T. 27, T. 28.** Track racing carburetters.
- T. 29.** Racing carburetter for machines above 500cc.
- T. 5/116/S.** Special carburetter with butterfly strangler fitted on Douglas machine 600 cc. S.V. Twin.
- T. 4/127.** Special carburetter with butterfly strangler fitted on Veloce machine model G.T.P. 250 cc. two stroke.

MIXING CHAMBER COMPONENTS.

► To order, see instructions on page 51 and note the details of Rod controlled Carburetters on pages 63—64—65. and of Track Racing Carburetters on page 75.

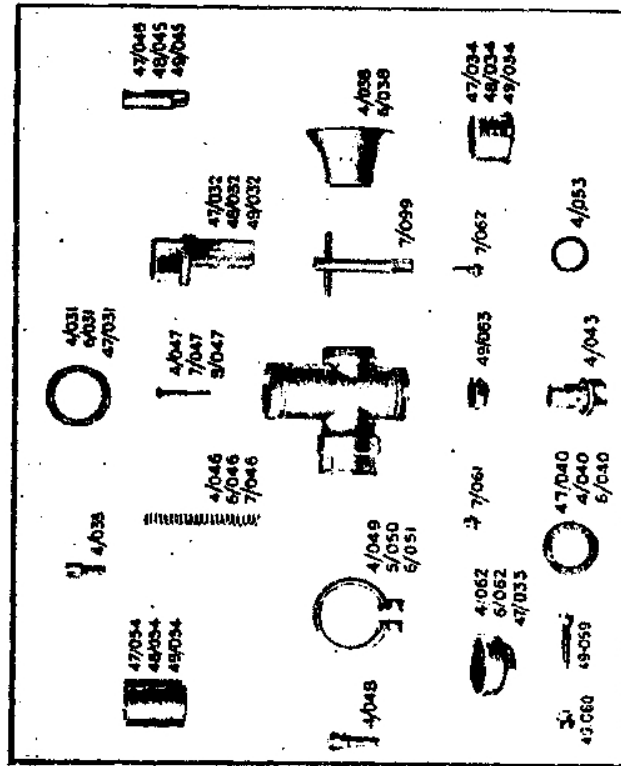
FLOAT CHAMBER COMPONENTS.

To order see instructions page 52.

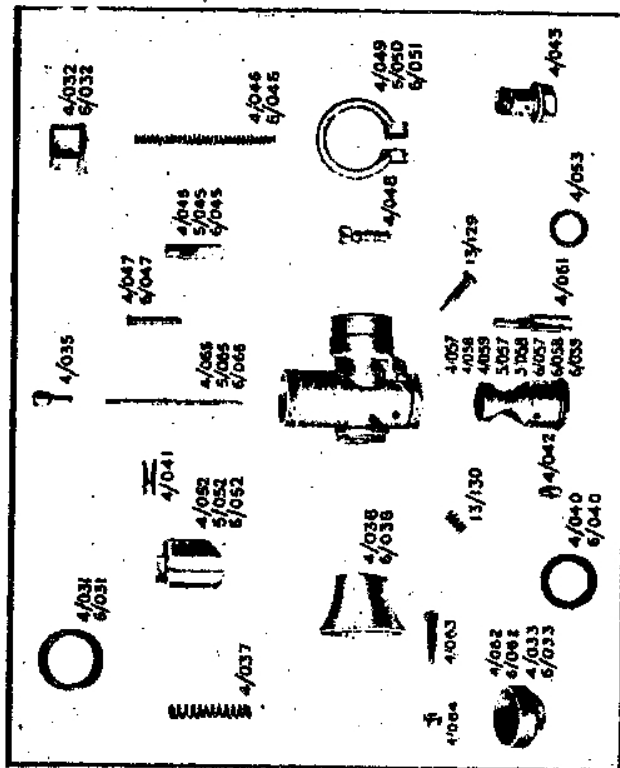
CONTROLS AND TWIST GRIPS.

To order see instructions page 52.

1930 AMAL AND BINKS MIXING CHAMBERS.



BINKS Mixing Chamber Parts.



AMAL Mixing Chamber Parts.

1930 Amal and Binks Carburettors.

MIXING CHAMBER PARTS FOR 1930 AMAL AND BINKS CARBURETTORS.

Component	PART NUMBERS.										Price s. d.
	AMAL CARBURETTORS					BINKS CARBURETTORS					
	Type 4	Type 5	Type 6	Type 29	Type 46	Type 47	Type 48	Type 49			
Mixing Chamber ...	According to Engine	---	---	---	According to Engine	---	---	---			
Ditto ...		According to Engine	According to Engine	---	---	According to Engine	---	---			
Ditto ...				---	---	---	According to Engine	---			
Ditto ...				---	---	---	---	According to Engine			
Jet Block and Barrel complete, size 17	4/057	---	---	---	---	---	---	---			
Ditto 21	4/058	---	---	---	---	---	---	---			
Ditto 25	4/059	---	---	---	---	---	---	---			
Ditto 28	---	---	---	---	---	---	---	---			
Ditto 33	---	5/057	---	---	---	---	---	---			
Ditto 39	---	5/058	---	---	---	---	---	---			
Ditto 45	---	---	6/057	---	---	---	---	---			
Ditto 51	---	---	6/058	---	---	---	---	---			
Ditto ...	---	---	6/059	---	---	---	---	---			
Ditto ...	---	---	---	29/068	---	---	---	---			
Ditto ...	---	---	---	29/069	---	---	---	---			
Ditto ...	---	---	---	29/070	---	---	---	---			
Ditto ...	---	---	---	29/071	---	---	---	---			
Mixing Chamber Union Nut ...	4/062	4/062	4/062	---	---	47/033	4/062	6/062			
Ditto ...	---	---	---	29/072	---	---	---	---			
Mixing Chamber Cap ...	4/031	4/031	6/031	---	---	47/031	4/031	6/031			
Ditto ...	---	---	---	29/041	---	---	---	---			
Ditto ...	---	---	---	---	46/031	---	---	---			
Mixing Chamber Top	4/032	4/032	6/032	29/042	---	47/032	48/032	49/032			
Ditto ...	---	---	---	---	---	---	---	---			
Cable, per length com'te.	---	---	---	---	---	---	---	---			
Midway Cable Adjusters	---	---	---	---	---	---	---	---			
Cable Stop, top hat shape	6/132	6/132	6/132	---	---	6/132	6/132	6/132			
Cable Adjuster ...	4/035	4/035	4/035	4/035	4/035	4/035	4/035	4/035			
Cable Nipples ...	4/036	4/036	4/036	4/036	4/036	4/036	4/036	4/036			
Throttle Valve Spring	4/037	4/037	4/037	29/047	4/037	4/046	4/046	6/046			

1930 Amal and Binks Carburettors

MIXING CHAMBER PARTS FOR 1930 AMAL AND BINKS CARBURETTORS.

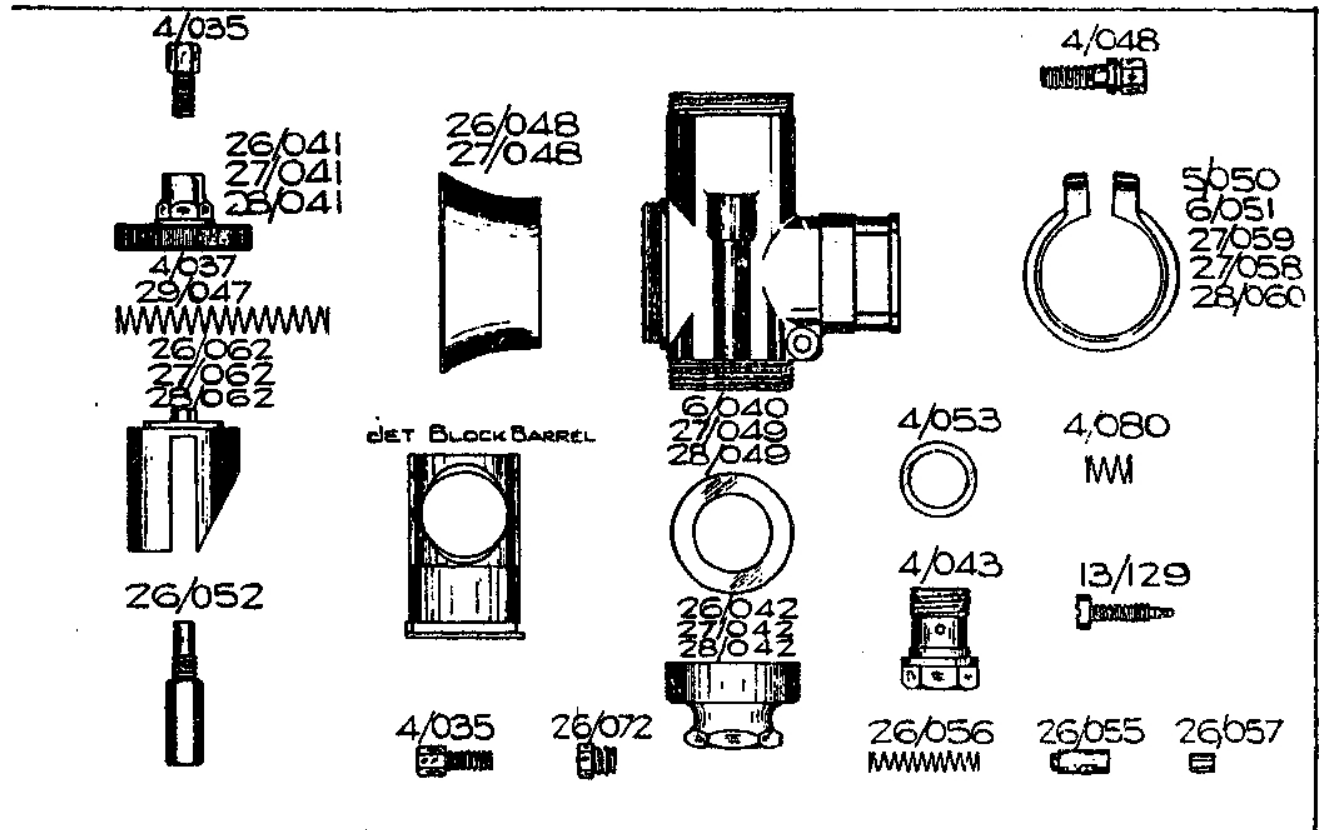
Component	PART NUMBERS.										Price s. d.	
	AMAL CARBURETTORS		BINKS CARBURETTORS		Type 29		Type 46		Type 48			Type 49
	Type 4	Type 5	Type 6	Type 29	Type 46	Type 47	Type 48	Type 49				
Air Funnel ...	4/038	4/038	6/038	—	—	4/038	4/038	6/038				2 6
Ditto ...	—	—	—	29/048	—	—	—	—				3 0
Washer for Jet Block ...	4/040	4/040	6/040	29/050	—	47/040	4/040	6/040				2 2
Spring Clip for Needle ...	4/041	4/041	4/041	4/041	—	—	—	—				4 0
Holding Bolt ...	4/043	4/043	4/043	4/043	4/043	4/043	4/043	4/043				2 0
Air Valve ...	4/045	5/045	6/045	—	—	47/045	48/045	9/045				2 6
Ditto ...	—	—	—	29/055	—	—	—	—				2 9
Air Valve Spring ...	4/046	4/046	6/046	4/046	—	4/046	4/046	6/046				3 3
Air or Throttle Valve	—	—	—	—	—	—	—	—				—
Guide ...	4/047	4/047	6/047	—	—	7 047	4/047	9/047				2 4
Ditto ...	—	—	—	29/057	—	—	—	—				4 6
Outlet Clip Screw	4/048	4/048	4/048	4/048	4/048	4/048	4/048	4/048				1 9
Outlet Clip, 1-in.	4/049	4/049	4/049	—	—	4/049	4/049	—				1 9
Ditto 1- $\frac{1}{8}$ -in.	—	5/050	5/050	—	—	—	5/050	5/050				2 3
Ditto 1- $\frac{1}{4}$ -in.	—	—	—	27/058	—	—	—	—				1 9
Ditto 1- $\frac{1}{2}$ -in.	—	—	—	6/051	—	—	—	6/051				2 0
Ditto 1- $\frac{3}{8}$ -in.	—	—	—	27/059	—	—	—	—				1 4
Ditto 2-in.	—	—	—	—	46/040	—	—	—				1 4
Ditto 2- $\frac{1}{2}$ -in.	—	—	—	—	46/041	—	—	—				3 10
Throttle Valve ...	4/052	5/052	6/052	—	—	47/054	48/054	49/054				4 0
Ditto ...	—	—	—	29/062	—	—	—	—				2 6
Ditto .35 bore ...	—	—	—	—	46/032	—	—	—				2 9
Ditto .41 bore ...	—	—	—	—	46/033	—	—	—				3 0
Throttle Valve .468 bore	—	—	—	—	46/034	—	—	—				3 0
Ditto .531 bore	—	—	—	—	46/035	—	—	—				3 0
Ditto .60 bore	—	—	—	—	46/036	—	—	—				3 3

1930 Amal and Binks Carburetters.

MIXING CHAMBER PARTS FOR 1930 AMAL AND BINKS CARBURETTERS.

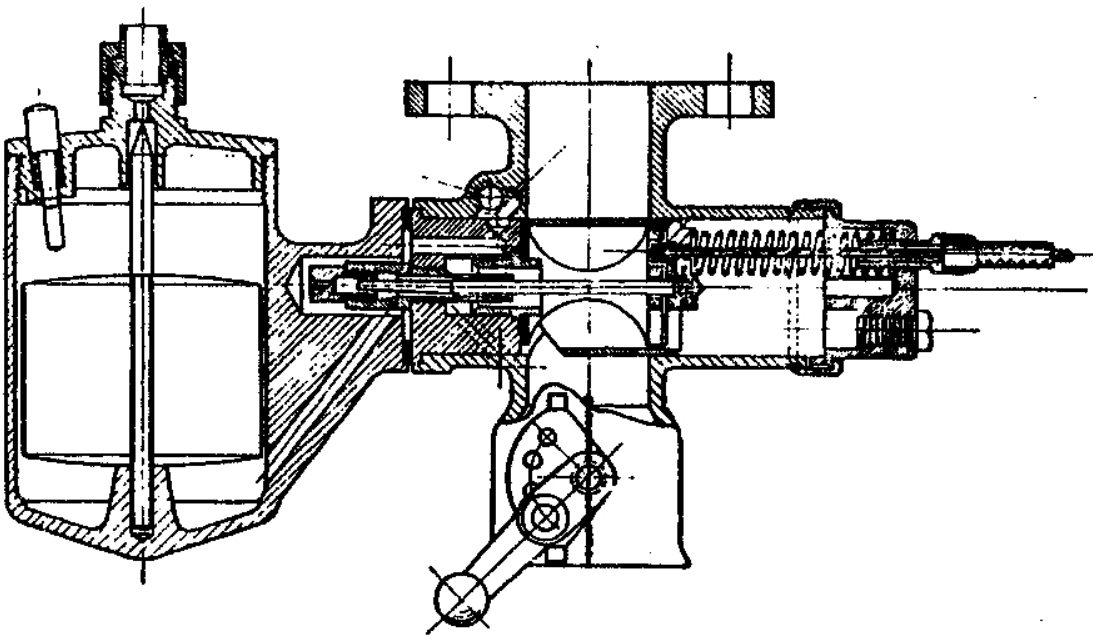
Component	PART NUMBERS.										Price s. d.	
	AMAL CARBURETTERS					BINKS CARBURETTERS						
	Type 4	Type 5	Type 6	Type 29	Type 46	Type 47	Type 48	Type 49	Type 47	Type 48		
Holding Bolt Washer ...	4/053	4/053	4/053	4/053	4/053	4/053	4/053	4/053	4/053	4/053	4/053	2
Needle Jet ...	4/061	4/061	4/061	29/076	—	—	—	—	—	—	—	1 9
Needle for Jet ...	4/065	5/065	6/065	—	—	—	—	—	—	—	—	1 3
Air Adjusting Screw ...	13/129	13/129	13/129	13/129	—	—	—	—	—	—	—	6
Spring for ditto ...	13/130	13/130	13/130	4/070	—	—	—	—	—	—	—	2
Filter ...	—	—	—	—	—	—	—	—	—	—	—	6
Filter complete ...	—	—	—	—	7/073	—	—	—	—	—	—	6
Jet Key ...	—	—	—	—	7/099	—	—	—	—	—	—	1 0
Main Jet ...	4/042	—	—	—	—	—	—	—	—	—	—	5
Ditto ...	—	4/042	4/042	—	—	—	—	—	—	—	—	5
Pilot Jet ...	—	—	—	—	7/062	—	—	—	—	—	—	5
Throttle Stop Screw ...	4/063	4/063	4/063	—	7/061	—	—	—	—	—	—	5
Ditto ditto Lock Nut ...	4/064	4/064	4/064	4/063	—	—	—	—	—	—	—	6
Split Cotter Pin for Throttle Valve ...	—	—	—	4/064	—	—	—	—	—	—	—	2
Needle ...	—	—	—	4/060	—	—	—	—	—	—	—	2
Strangler Thimble ...	—	—	—	29/075	—	—	—	—	—	—	—	4
Strangler Inner Sleeve ...	—	—	—	—	46/037	—	—	—	—	—	—	0
Strangler Lever ...	—	—	—	—	46/038	—	—	—	—	—	—	0
Valve Location Peg ...	—	—	—	—	46/039	—	—	—	—	—	—	6
Strangler Spring ...	—	—	—	—	49/066	—	—	—	—	—	—	3
Special Throttle... } Special for Two Stroke Machines	—	—	—	—	46/042	—	—	—	—	—	—	3
Special Air Valve } Special for Two Stroke Machines	—	—	—	—	—	—	—	—	—	—	—	10
Levis Throttle } Special for Two Stroke Machines	—	—	—	—	—	—	—	—	—	—	—	6
												3
												10

1930 Amal and Binks Carburetters



SPARE PARTS FOR 1930 AMAL TRACK RACING CARBURETTERS.

Component	Type 26	Price	Type 27	Price	Type 28	Price
		s. d.		s. d.		s. d.
Mixing Chamber Body	According to Engine	18 0	According to Engine	20 0	According to Engine	22 0
Ditto Top ...	26/041	2 0	27/041	2 3	28/041	2 6
Ditto Union Nut ...	26/042	2 3	27/042	3 0	28/042	3 6
Cable Adjusters ...	4/035	4	4/035	4	4/035	4
Cable Nipples ...	26/046	2	26/046	2	26/046	2
Throttle Valve Spring	4/037	3	4/037	3	29/047	3
Air Funnel ...	26/048	2 6	27/048	3 0	27/048	3 0
Washer for Jet Block ...	6/040	2	27/049	2	28/049	2
Jet ...	26/052	1 9	26/052	1 9	26/052	1 9
Holding Bolt ...	4/043	2 0	4/043	2 0	4/043	2 0
Air Valve ...	26/055	1 0	26/055	1 0	26/055	1 0
Ditto Spring, ...	26/056	3	26/056	3	26/056	3
Ditto Nipple Sleeves ...	26/057	2	26/057	2	26/057	2
Outlet Clip Screw ...	4/048	6	4/048	6	4/048	6
Outlet Clip, 1 1/4-in. ...	5/050	1 9	—	—	—	—
Ditto 1 1/4-in. ...	6/051	1 9	6/051	1 9	—	—
Ditto 1 1/4-in. ...	—	—	27/059	1 9	—	—
Ditto 1 1/4-in. ...	—	—	—	—	27/058	2 3
Ditto 1 1/4-in. ...	—	—	—	—	28/060	2 6
Throttle Valve ...	26/062	4 2	27/062	4 2	28/062	4 2
Holding Bolt Washer ...	4/053	2	4/053	2	4/053	2
Jet Block Barrel Comp. (Specify Carb. type when ordering)	—	8 0	—	10 0	—	12 0
Air Barrel Top ...	26/072	7	26/072	7	26/072	7
Spring for Air Adj. Screw	4/080	2	4/080	2	4/080	2
Air Adj. Screw ...	13/129	6	13/129	6	13/129	6



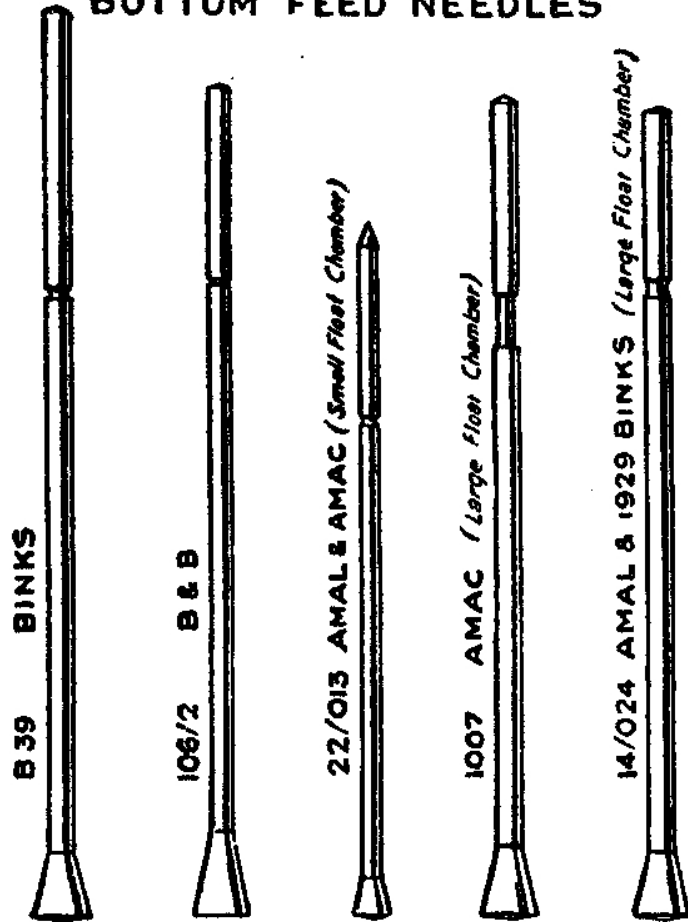
**AMAL CARBURETTER AS FITTED TO 600 cc. DOUGLAS 1930.
MIXING CHAMBER PARTS.**

COMPONENT	PART No	Price s. d.
Mixing Chamber	5/116/S.	15 0
Mixing Chamber Cap	4/031	1 9
Mixing Chamber Top	4/032	1 9
Jet Block and Barrel (.875)	5/058	5 0
Cable Adjusters	4/035	4
Throttle Valve Spring	4/037	3
Washer for Jet Block	4/040	2
Spring Clip for Needle	4/041	4
Jet	4/042	5
Throttle Valve	5/052	3 10
Split Cotter Pin for Throttle Valve	4/060	2
Throttle Valve Stop Screw	4/063	6
Lock Nut for Stop Screw... ..	4/064	2
Screws for Flange	5/133	4
Needle Jet	5/134	1 9
Jet Needle	5/135	1 3
Air Adjusting Screw	5/136	6
Plug Screw for Mixing Chamber Top	4/137	3
Strangler Lever	5/137	1 6
Strangler Spindle	5/138	6
Split Cotter Pin for Strangler Valve	13/168	1
Strangler Valve	13/169	1 0
Strangler Spindle Bush	5/130	3
Taper Pin for Strangler Spindle	13/165	2
Spring Plunger	5/140	7
Spring for ditto	14/032	2
Washer for Plunger	5/141	2
Lock Nut for Air Adjuster	16/010	2

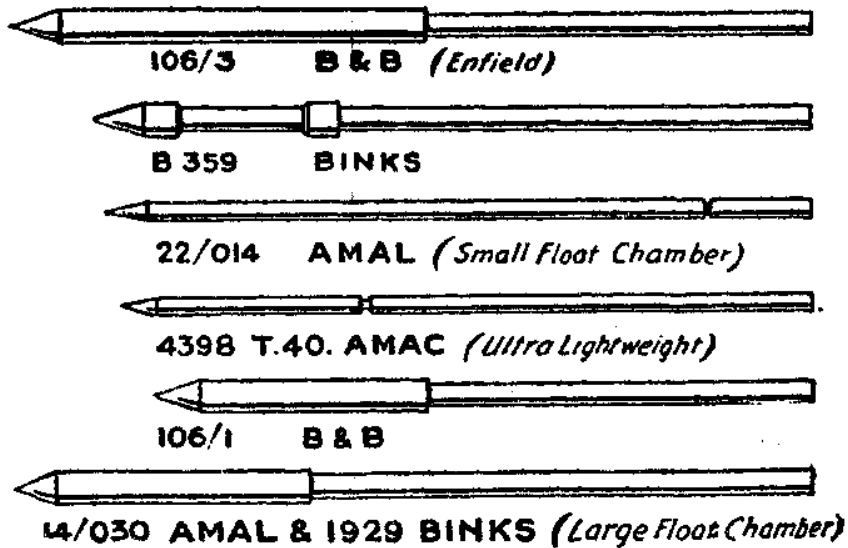
FLOAT CHAMBER PARTS.

Float	14/017	2 6
Petrol Union Nut	14/025	6
Needle	14/030	11
Tickler	14/031	7
Tickler Spring	14/032	2
Cotter for Tickler	14/033	1
Float Chamber Cover	14/140	4 3
Short Petrol Union	14/141	3
Float Chamber Body	14/094	15 0

BOTTOM FEED NEEDLES



TOP FEED NEEDLES



Various AMAL Float Chamber Needles.
Illustrations actual size.

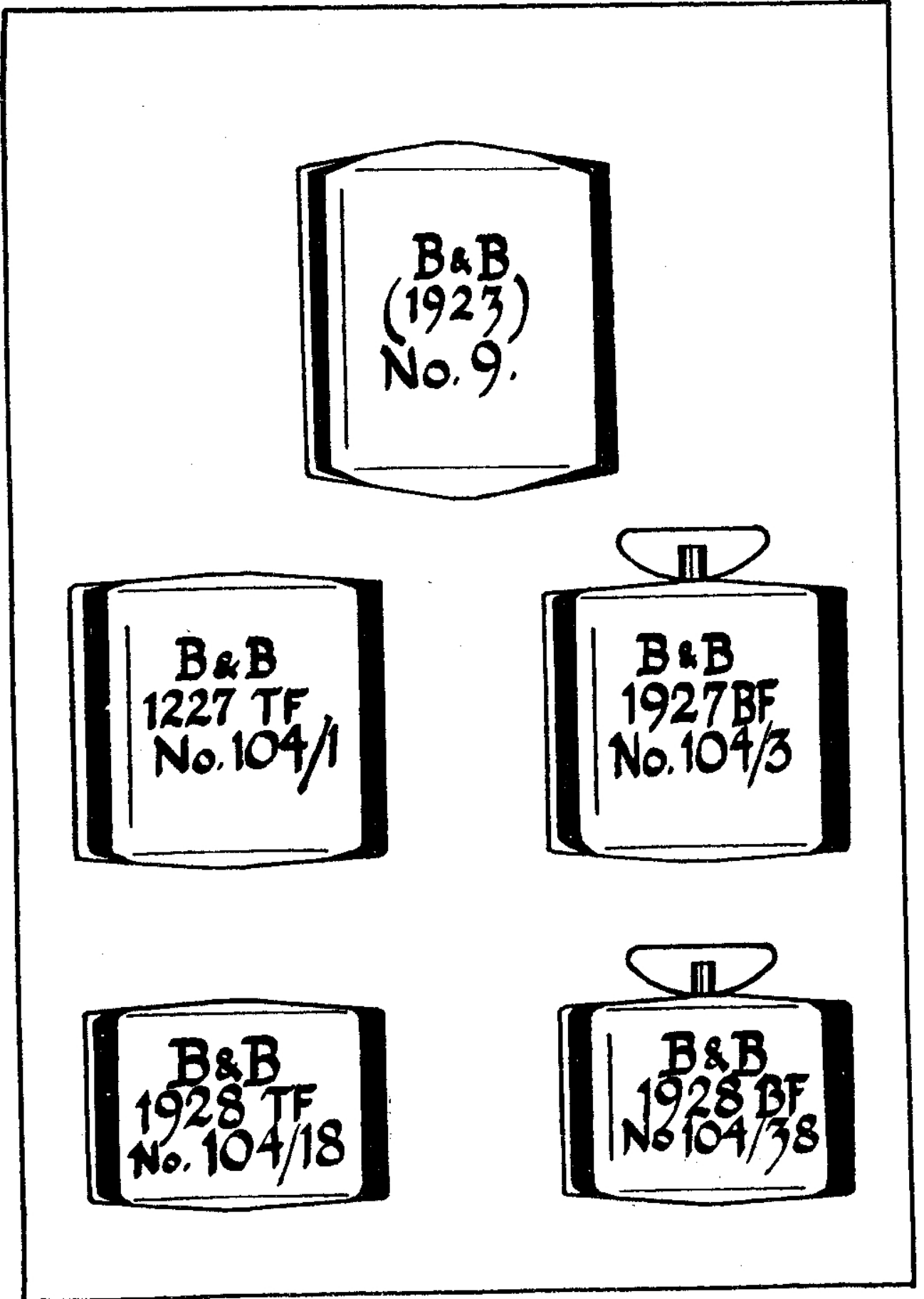
JET EQUIVALENTS LIST.

1930 AMAL, and BINKS Jet Numbers—Flow in C.C.'s.

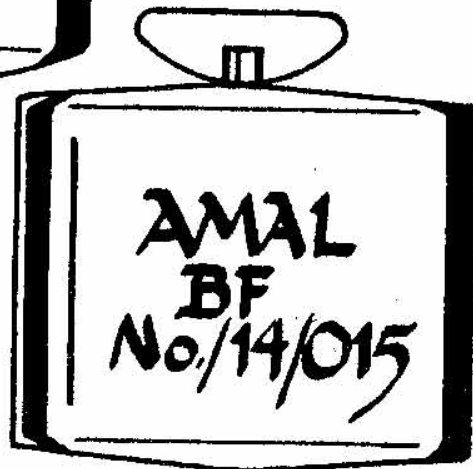
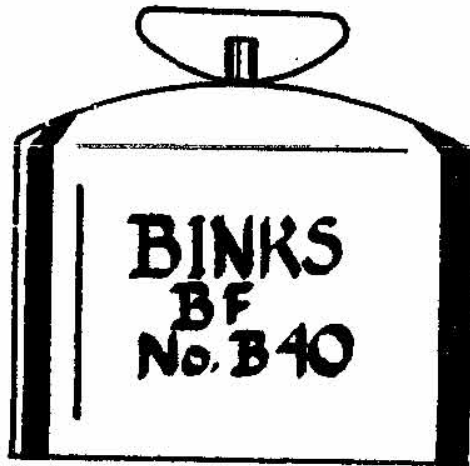
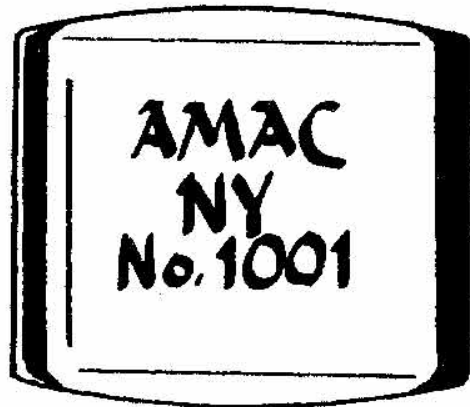
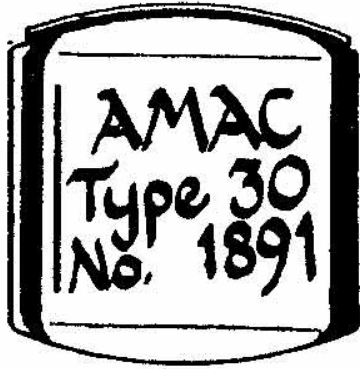
All Jets are now known by their actual flow when measured by B.E.S.A. standards, and for the sake of clearness for those who are used to think of them in sized holes, the approximate equivalent sizes are given below :

AMAL, B. & B. AMAL, BINKS, Flow in C.C.'s.	Jet Dia.	AMAC No.	OLD BINKS No.
15	—	—	0
20	.015"	—	1
25	—	16	2
30	.018"	18	3
35	—	19	4
40	.021"	20	—
45	—	21	—
50	.024"	23	5
55	—	24	—
60	.026"	25	6
65	—	26	—
70	.028"	27	7
75	—	28	—
80	.030"	29	8
85	—	—	—
90	.032"	30	9
95	—	31	—
100	.034"	32	11
110	.035"	33	13
120	.037"	35	14
130	.038"	36	15
140	.040"	38	16
150	.041"	39	17
160	.043"	40	18
170	.044"	41	19
180	.045"	43	20
200	.048"	45	21
220	.050"	47	22
240	.052"	49	23
260	.055"	51	24
280	.057"	53	25
300	.059"	55	26
32	—	57	—
330	—	59	—

NOTE.—1929 and 1930 AMAL, and BINKS Jets are not interchangeable with those of other years' manufacture.



VARIOUS AMAL FLOATS.



VARIOUS AMAL FLOATS.