

# AMAL

October, 1956.

LIST No. 351 (Issue No. 3)

## SPARE PARTS LIST for AMAL CARBURETTORS

### AMAL MIXING CHAMBER PARTS.

4/060 4/047 5/047 6/047 29/057 46/031 4/031 6/031 29/041 4/032 6/032 29/042 6/132 4/035

4/065 = 2 3/8" APPROX OVERALL LENGTH  
5/065 = 2 7/8"  
6/065 = 3 3/8"  
29/075 = 3 7/8"

4/052 5/052 6/052 29/062 4/045 5/045 6/045 29/055

4/048 4/049 5/050 6/051 4/207 5/200 6/201

4/041 4/043 4/042 4/061 29/076 13/129 4/148 4/062 6/062 29/072 4/063 16/010 7/061 7/062

4/037 29/047 4/046 6/046 4/038 6/038 29/048 4/048 4/053 4/061 29/076 4/063 16/010 7/061 7/062

47/032 48/032 49/032 47/054 48/054 49/054 47/059 49/059 47/045 48/045 9/045 7/047 9/047 49/060 47/034 48/034 49/034 7/099 7/073 49/063

PLAIN TYPE RIBBED TYPE

ACCORDING TO ENGINE

JET BLOCK SEE PARTS LIST

PARTS SPECIAL for NON-NEEDLE TYPE CARBS TYPES - 46 47 48 49/

For Spare Parts List for above refer to page 2.

14/031 52/076 15/780 52/063 52/062 55/013 14/032 15/064 52/051 53/051 104/003 55/001 RH 55/017 LH 52/081 52/064-82 15/666 15/665 93/055 93/003 125/032 55/011 55/009 55/023 55/024 55/012 55/022 52/054 52/050 53/050 104/002 52/056 52/055 55/022 93/050 47/031 93/053 125/031 53/075 53/076 53/074 115/1189 52/057 53/057 55/007-10 1/16 55/007-14 3/16 52/060 23/125 93/054 93/056 52/083 4/207 4/048 53/086 93/052 55/006 55/005 53/085 53/087 53/088 18/060 52/072 53/072 15/675 15/676 4/085 8 15/672/3 A 15/672/3 4/148 15/674 15/1018 15/1017

NO. ACCORDING TO ENGINE

THESE JETS ARE ACTUAL SIZES

LIGHTWEIGHT 2 JET CARB. WITH COMBINED FLOAT CHAMBER—For Spare Parts see page 4

14/012 14/034 14/015 14/017 14/014 14/039 13/153 14/017 14/014 14/021 14/033 14/030 14/024 14/021 14/033 64/163 s 64/177 HZ 64/156 s 22/011 15/663 22/013 22/014 22/012 22/016 15/666 14/025 15/664 22/028 s 62/025 s 14/035 15/664 22/028 s 14/175 14/037 14/173 3039 14/026 14/178 14/036 15/665 14/043

IMPORTANT

WHEN ORDERING FLOAT CHAMBER BODIES, PLEASE STATE MAKE, YEAR AND MODEL OF MACHINE

For Spare Parts see page 3.

AMAL LTD., HOLDFORD ROAD, WITTON, BIRMINGHAM 6, ENGLAND

Phone: Birmingham, BIRchfields 4571. (P.B.X. 6 lines)

Telegrams: "AMALCARB," PHONE, BIRMINGHAM

MIXING CHAMBER PARTS FOR AMAL NEEDLE AND NON-NEEDLE (BINKS) TYPE CARBURETTERS

Component	Amal Carburetters NEEDLE TYPE				Binks or Non-Needle Type Carburetters				Price s. d.
	Type 4/ 74/ & 274/	Type 5/ 75/ & 275/	Type 6/ 76/ & 276/	Type 29/ 89/ & 289/	Type 46/	Type 47/	Type 48/	Type 49/	
Mixing Chamber	According to Engine	—	—	—	According to Engine	According to Engine	—	—	
Ditto	According to Engine	—	—	—	According to Engine	According to Engine	According to Engine	According to Engine	
Jet Block and Barrel	—	—	—	According to Engine	—	—	—	—	
complete, size 17 Bore	4/057	—	—	—	—	—	—	—	
Ditto 21	4/058	—	—	—	—	—	—	—	
Ditto 25	4/059	—	—	—	—	—	—	—	
Ditto 28	—	5/057	—	—	—	—	—	—	
Ditto 33	—	5/058	—	—	—	—	—	—	
Ditto 39	—	—	6/057	—	—	—	—	—	
Ditto 45	—	—	6/058	—	—	—	—	—	
Ditto 51	—	—	6/059	—	—	—	—	—	
Ditto 54	—	—	—	29/068	—	—	—	—	
Ditto 58	—	—	—	29/069	—	—	—	—	
Ditto 61	—	—	—	29/070	—	—	—	—	
Ditto 65	—	—	—	29/071	—	—	—	—	
Mixing Chamber Union Nut	4/062	4/062	6/062	—	—	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 Ditto	—	—	—	29/041	—	—	—	—	
Ditto Ditto	—	—	—	—	46/031	—	—	—	
M/Chamber Cap Fixing Spring	4/235	4/235	4/235	29/201	—	—	—	—	
Screw for ditto	4/241	4/241	4/241	4/241	—	—	—	—	
Mixing Chamber Top	4/032	4/032	6/032	—	—	47/032	48/032	49/032	
Ditto Ditto	—	—	—	29/042	—	—	—	—	
Cable, per length complete	—	—	—	—	—	—	—	—	
Midway Cable Adjusters	3792-3-4	3792-3-4	3792-3-4	3792-3-4	—	—	—	—	
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	1482	1482	1482	1482	1482	1482	1482	1482	
Throttle Valve Spring	4/037	4/037	4/037	29/047	4/037	4/046	4/046	6/046	
Air Funnel	4/038	4/038	6/038	—	—	4/038	4/038	6/038	
Ditto	—	—	—	29/048	—	—	—	—	
Washer for Jet Block	4/040	4/040	6/040	29/050	—	47/040	4/040	6/040	
Spring Clip for Needle	4/230	4/230	4/230	4/230	—	—	—	—	
Holding Bolt	4/043	4/043	4/043	29/077	4/043	4/043	4/043	4/043	
Air Valve	4/045	5/045	6/045	—	—	47/045	48/045	9/045	
Ditto	—	—	—	29/055	—	—	—	—	
Air Valve Spring	4/046	4/046	4/046	4/046	—	4/046	4/046	6/046	
Air or Throttle Valve Guide	4/047	4/047	6/047	—	—	7/047	4/047	9/047	
Ditto	—	—	—	29/057	—	—	—	—	
Outlet Clip Screw	4/048	4/048	4/048	4/048	4/048	4/048	4/048	4/048	
*Outlet Clip for 1" Outlet	4/049	4/049	4/049	—	—	4/049	4/049	—	
* Ditto 1 1/8" ditto	—	5/050	5/050	—	—	—	5/050	5/050	
* Ditto 1 1/4" ditto	—	—	—	27/058	—	—	—	—	
* Ditto 1 1/2" ditto	—	—	6/051	6/051	—	—	—	6/051	
* Ditto 1 3/4" ditto	—	—	—	27/059	—	—	—	—	
* Ditto 2" ditto	—	—	—	—	46/040	—	—	—	
* Ditto 2 1/4" ditto	—	—	—	—	46/041	—	—	—	
Throttle Valve	4/052	5/052	6/052	—	—	47/054	48/054	49/054	
Ditto	—	—	—	29/062	—	—	—	—	
Ditto 35 bore	—	—	—	—	46/032	—	—	—	
Ditto 41 bore	—	—	—	—	46/033	—	—	—	
Throttle Valve 468 bore	—	—	—	—	46/034	—	—	—	
Ditto 531 bore	—	—	—	—	46/035	—	—	—	
Ditto 60 bore	—	—	—	—	46/036	—	—	—	
Holding Bolt Washer	4/053	4/053	4/053	4/053	4/053	4/053	4/053	4/053	
Needle Jet	4/061	4/061	4/061	29/076	—	—	—	—	
Needle for Jet	4/065	5/065	6/065	29/075	—	—	—	—	
Air Adjusting Screw	13/129	13/129	13/129	13/129	—	—	—	—	
Spring for Ditto	4/148	4/148	4/148	4/148	—	—	—	—	
Filter	—	—	—	—	—	49/063	49/063	49/063	
Filter complete	—	—	—	—	7/073	—	—	—	
Jet Key	—	—	—	—	7/099	7/099	7/099	7/099	
Main Jet	4/042	4/042	4/042	4/042	—	—	—	—	
Ditto	—	—	—	—	7/062	7/062	7/062	7/062	
Pilot Jet	—	—	—	—	7/061	7/061	7/061	7/061	
Throttle Stop Screw	4/063	4/063	4/063	4/063	—	47/059	49/059	49/059	
Ditto ditto Lock Nut	16/010	16/010	16/010	16/010	—	49/060	49/060	49/060	
Split Cotter Pin for Th'tle Valve	4/060	4/060	4/060	4/060	—	—	—	—	
Strangler Thimble	—	—	—	—	46/037	—	—	—	
Strangler Inner Sleeve	—	—	—	—	46/038	—	—	—	
Strangler Lever	—	—	—	—	46/039	—	—	—	
Valve Location Peg	—	—	—	—	49/066	—	—	—	
Strangler Spring	—	—	—	—	46/042	—	—	—	
Special Throttle Valve	—	—	—	—	—	47/055	—	—	
Special Air Valve	—	—	—	—	—	47/056	—	—	
Levis Throttle Valve	—	—	—	—	—	47/131	—	—	
Jet Seat	—	—	—	—	—	47/034	48/034	49/034	

Types 4/ 5/ 6/ and 29/ are Brass Mixing Chambers. Types 74/ 75/ 76/ and 89/ are Die-cast Mixing Chambers  
 \*Please State if Plain or Ridged Type. Letter P stamped after Carburetter Type denotes Carburetter is Pump Type

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 Complete, Twin Standard ..	14/076	14/096	—	—	
Float Chamber Complete .. .. .	64/079	64/099	—	—	
Ditto ditto Single Standard .. .. .	—	—	62/079	62/099	
*Float Chamber Body .. .. .	64/155SP	64/162SP	—	—	
*Ditto ditto .. .. .	64/155SBP	64/162SBP	—	—	
*Ditto ditto .. .. .	64/153LP	64/157LP	—	—	
*Ditto ditto .. .. .	64/153LBP	64/157LBP	—	—	
*Ditto ditto .. .. .	64/154L	64/161L	—	—	
*Ditto ditto .. .. .	64/154LB	64/161LB	—	—	
*Ditto ditto .. .. .	64/156S	64/163S	—	—	
*Ditto ditto .. .. .	64/156SB	64/163SB	—	—	
*Ditto ditto .. .. .	—	64/187 Bent	—	—	
*Ditto ditto .. .. .	—	—	62/025S	62/028S	
*Ditto ditto .. .. .	—	—	22/001SP	22/002SP	
*Ditto ditto (Horizontal) .. .. .	64/177HZ	64/176HZ	—	—	
*Ditto ditto ditto .. .. .	—	—	22/005/15HZ	22/006/15HZ	
*Ditto ditto .. .. .	14/009 Twin	14/010 Twin	—	—	
*Ditto ditto .. .. .	14/009 Twin-P	14/010 Twin-P	—	—	
Float Chamber Cover (Standard) .. .. .	14/208	14/297	22/011	22/012	
Float Chamber Cover (for Banjo fitting) ..	—	14/034	—	15/663	
Float Chamber Cover Lock Screw .. .. .	14/021	—	—	—	
Float .. .. .	14/015	14/017	22/016	22/016	
Needle Valve .. .. .	14/024	14/030	22/013	22/014	
Float Chamber Needle Clip .. .. .	—	161/054	—	—	
Tickler .. .. .	14/209	14/209	22/021	22/021	
Tickler Stop .. .. .	14/210	14/210	22/037	22/037	
Tickler Spring .. .. .	14/032	14/032	14/032	14/032	
Tickler Cotter Pin .. .. .	14/289	14/289	14/289	14/289	
Petrol Union Nut .. .. .	14/042	14/042	14/042	14/042	
Petrol Union Nipple .. .. .	14/026	14/026	14/026	14/026	
Bow Spring for Float .. .. .	14/014	—	—	—	
Banjo Connection (Single) .. .. .	14/035	14/035	—	—	
Ditto ditto ditto direct pipe fitting ..	—	—	—	15/664	
Ditto ditto (Twin 90°) .. .. .	14/043	14/043	—	—	
Ditto ditto (Twin 180°) .. .. .	14/173	14/173	—	—	
Banjo Connection Nut .. .. .	14/036	14/036	—	15/665	
Banjo Connection Nut Washer .. .. .	14/037	14/037	—	—	
Banjo Connection Copper Washer .. .. .	—	—	—	3039	
Banjo Connection Fibre Washer .. .. .	—	—	—	15/666	
Float Chamber Platform Plug Screw .. ..	13/153	13/153	—	—	
Washer for above .. .. .	14/039	14/039	—	—	
Seating Locknut .. .. .	14/178	—	14/178	—	
Seating Washer .. .. .	14/175	—	14/175	—	
1/4" Lock Screw for Float Chamber Cover ..	3319	3319	—	—	

Please SEND patterns when possible.

\*When ordering Float Chamber Bodies please state finish (Chromium or Black).

\*RE FLOAT CHAMBER SYMBOLS :—

- SP denotes Short Base—Pump type.
- SBP " Short Base—Banjo Pump type
- LP " Long Base—Pump type.
- LBP " Long Base—Banjo Pump type
- L " Long Base—Standard type.
- LB " Long Base—Standard Banjo type.
- S " Short Base—Standard type.
- SB " Short Base—Standard Banjo type.
- HZ " Type fitted to Horizontal Mixing Chamber Carburetters.

P.T.O.

GUARANTEE.—The Company take all possible reasonable care in the manufacture and the quality of their products. Purchasers are informed that, any part proved to be defective in manufacture or quality, and returned to the works within six months of its purchase new, will be replaced. The Company must respectfully point out however, that its responsibility and that of its agents, stockists and dealers, is limited to this Guarantee, and that they cannot, under any circumstances, be held responsible for any loss or for any contingent or resulting liability arising through any defect. These conditions of sale and use also apply when the Company's products form part of the original equipment of machines purchased new.



**SPARES LIST FOR LIGHTWEIGHT 2 JET CARBS. WITH COMBINED FLOAT CHAMBER.**

SINGLE LEVER CARBURETTORS TYPES 52/, 53/, 103/, 104/ and 115/.

DOUBLE LEVER CARBURETTORS TYPES 93/ and 125/.

**MIXING CHAMBER AND FLOAT CHAMBER SPARE PARTS AND PRICES**

Component	Type 52/	Type 53/	Type 93/	Type 103/	Types 104/ & 115/	Type 125/	Price s. d.
Mixing Chamber .. .. .	*According to Engine						
Mixing Chamber Top .. .. .	52/050	53/050	—	53/050	104/002	—	
Mixing Chamber Ring .. .. .	—	—	93/050	—	—	—	
Mixing Chamber Ring .. .. .	—	—	—	—	—	—	47/031
Mixing Chamber Top .. .. .	—	—	93/053	—	—	—	125/031
Throttle Valve .. .. .	52/051	53/051	93/003	53/051	104/003	—	125/032
Air Valve .. .. .	—	—	93/005	—	—	—	125/033
Cable Adjuster .. .. .	52/068	52/068	52/068	52/068	52/068	—	52/068
Cable Nipple (Air Cable) .. .. .	4/036	4/036	4/036	4/036	4/036	—	4/036
Cable Nipple (Throttle Cable) .. .. .	—	—	93/055	—	—	—	93/055
Strangler Lever .. .. .	52/052	53/052	—	—	—	—	—
Strangler Spring .. .. .	52/053	52/053	—	—	—	—	—
Strangler Screw .. .. .	52/054	52/054	—	—	—	—	—
Air Tube .. .. .	—	—	93/052	—	—	—	93/052
Jet Plug .. .. .	52/055	52/055	52/055	52/055	52/055	—	52/055
Jet Plug Washer .. .. .	52/056	52/056	52/056	52/056	52/056	—	52/056
Throttle Valve Spring .. .. .	52/057	53/057	93/056	53/057	53/057	—	93/056
Air Valve Spring .. .. .	—	—	93/054	—	—	—	93/054
Outlet Clip (see Note) .. .. .	52/083	—	—	—	—	—	—
Ditto ditto (see Note) .. .. .	—	4/207	4/207	4/207	4/207	—	4/207
Outlet Clip Screw .. .. .	4/048	4/048	4/048	4/048	4/048	—	4/048
Pilot Jet .. .. .	53/075	53/075	53/075	53/075	53/075	—	53/075
Main Jet (see Note) .. .. .	53/076	53/076	53/076	53/076	53/076	—	15/1631
Float Chamber Plug Screw or Valve							
Locating Screw .. .. .	52/060	52/060	52/060	52/060	52/060	—	52/060
Petrol Union Nut .. .. .	52/062	52/062	52/062	52/062	52/062	—	—
Petrol Union Nipple .. .. .	52/063	52/063	52/063	52/063	52/063	—	—
Float and Needle (Combined) .. .. .	52/064/082	52/064/082	52/064/082	52/064/082	52/064/082	—	52/064/082
Float Chamber Plug Screw Washer .. .. .	23/125	23/125	23/125	23/125	23/125	—	23/125
Gauze Air Intake, complete .. .. .	52/072	53/072	53/072	53/072	53/072	—	53/072
Tickler .. .. .	14/031	14/031	14/031	14/031	14/031	—	14/031
Tickler Spring .. .. .	14/032	14/032	14/032	14/032	14/032	—	14/032
Tickler Cotter Pin .. .. .	14/033	14/033	14/033	14/033	14/033	—	14/033
Tickler Bush .. .. .	52/081	52/081	52/081	52/081	52/081	—	52/081
Float Chamber Cover comp'te with Tickler	52/076	52/076	52/076	52/076	52/076	—	52/076
Float Chamber Cover complete with							
Tickler, Banjo type .. .. .	15/780	15/780	15/780	15/780	15/780	—	15/780
Banjo Connection .. .. .	15/664	15/664	15/664	15/664	15/664	—	15/664
Banjo Connection Nut .. .. .	15/665	15/665	15/665	15/665	15/665	—	15/665
Banjo Washer (Copper) .. .. .	3039	3039	3039	3039	3039	—	3039
Banjo Washer (Fibre) .. .. .	15/666	15/666	15/666	15/666	15/666	—	15/666
Strangler Body and Studs .. .. .	B15/672/3	A15/672/3	A15/672/3	A15/672/3	A15/672/3	—	A15/672/3
Strangler Lever .. .. .	15/674	15/674	15/674	15/674	15/674	—	15/674
Strangler Stud .. .. .	15/1017	15/1017	15/1017	15/1017	15/1017	—	15/1017
Strangler Stud Nuts, Small .. .. .	15/1018	15/1018	15/1018	15/1018	15/1018	—	15/1018
Strangler Stud Nuts, Large .. .. .	18/060	18/060	18/060	18/060	18/060	—	18/060
Strangler Spring .. .. .	4/148	4/148	4/148	4/148	4/148	—	4/148
Strangler Spring Washer .. .. .	4/085	4/085	4/085	4/085	4/085	—	4/085
Strangler Cone Washer .. .. .	15/676	15/676	15/676	15/676	15/676	—	15/676
Strangler Body Clip Pin .. .. .	52/054	52/054	52/054	52/054	52/054	—	52/054
Strangler Cowl .. .. .	15/675	15/675	15/675	15/675	15/675	—	15/675
Intake Gauze .. .. .	—	53/087	53/087	53/087	53/087	—	53/087
Intake Gauze Cowl .. .. .	—	53/085	53/085	53/085	53/085	—	53/085
Intake Gauze Back Plate .. .. .	—	53/088	53/088	53/088	53/088	—	53/088
Intake Gauze Pins .. .. .	—	53/086	53/086	53/086	53/086	—	53/086

\*When ordering new Mixing Chamber, please state type required (this will be found stamped on the outlet of the old mixing chamber), motor-cycle it is to suit, also type of AIR INTAKE fitted to old Mixing Chamber, i.e. Screwed or Bolt Fixing.

RE OUTLET CLIPS. Please send pattern when ordering; failing this, please state whether plain or ridged type is required.

RE MAIN JET. Please send pattern when ordering; failing this, please state number of Jet and overall length.

**AMAL LTD., HOLDFORD ROAD, WITTON, BIRMINGHAM 6, ENGLAND**

'Phone : Birmingham, BIRchfields 4571.

Telegrams : "AMALCARB, 'PHONE, BIRMINGHAM."