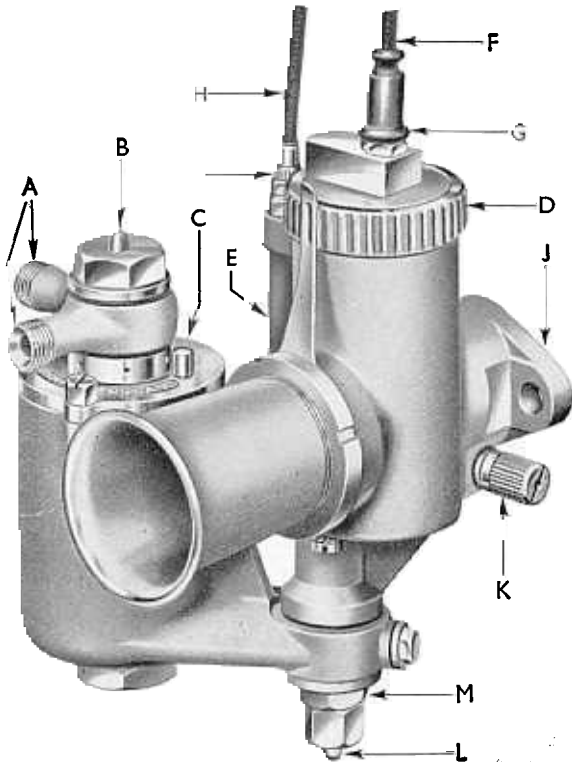


INSTRUCTIONS FOR

The Carburetter of **AMAL** Records & Successes

CARBURETTERS (Series 316)
TYPES 15 G.P., 10 G.P., 5 G.P.

With fixed or remotely-mounted type 302 top-feed Float Chamber and SUITABLE FOR USE WITH ALL GRADES OF RACING FUELS.



KEY TO ILLUSTRATION

- A. Banjo (Twin), 90°, horizontal petrol pipe connections.
- B. Banjo Nut with hole for lock wire.
- C. Tickler.
- D. Mixing Chamber Cap. A screwed ring.
- E. Lock Spring for Mixing Chamber cap.
- F. Throttle Cable.
- G. Throttle Cable Adjuster with lock nut.
- H. Air Cable for mixture control.
- I. Air Cable Adjuster with lock nut.
- J. Flange Attachment to Engine.
- K. Pilot Needle, adjustment for slow running.
- L. Jet Holder Plug Screw, remove to get at main jet.
- M. Jet Holder, also holds float chamber to mixing chamber body.

TECHNICAL INFORMATION.

TYPE	CHOKE BORES MEASURED BEHIND THROTTLE VALVES	THROTTLE DIAMETER	FLANGE BOLT-HOLE CENTRES	MIXING CHAMBER TO FACE OF FLANGE
15 G.P.	$\frac{7}{8}$ ", $\frac{15}{16}$ ", 1", $1\frac{1}{16}$ " *	$1\frac{1}{8}$ "	} 2" 65 m.m.	} $1\frac{1}{4}$ " or $2\frac{1}{2}$ "
10 G.P.	$1\frac{1}{16}$ ", $1\frac{3}{32}$ ", $1\frac{1}{8}$ ", $1\frac{5}{32}$ ", $1\frac{3}{16}$ ", $1\frac{7}{32}$ " *	$1\frac{5}{8}$ "		
5 G.P.	$1\frac{7}{32}$ ", $1\frac{1}{4}$ ", $1\frac{9}{32}$ ", $1\frac{5}{16}$ ", $1\frac{11}{32}$ ", $1\frac{3}{8}$ " *	$1\frac{13}{16}$ "		

*Straight-through Bore with no swell.—see note page 3.

TUNING SPARES.

TYPE	THROTTLE VALVES	THROTTLE NEEDLES		MAIN JETS	NEEDLE JETS	AIR JETS
15 G.P.	15 G.P. Cutaway 3 to 8 Part No. 316/104	Standard G.P. Part No. 316/007	Weak G.P.6 316/030	} Inter- changeable Type T.T. Part No. 3326	} Inter- changeable Type G.P. Part No. 316/065 ·107" ·109" ·125"	} Inter- changeable Type G.P. ·10" or ·125" Part No. 316/052
10 G.P.	10 G.P. Cutaway 3 to 8 Part No. 316/010	G.P. Part No. 316/007	G.P.6 316/030			
5 G.P.	5 G.P. Cutaway 3 to 8 Part No. 316/020	5 G.P. Part No. 316/146	5 G.P.6 316/029			

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