ENGINEERING TECHNICAL DATA

Model	M.G. 2 Seater Series M.G.A. Twin Cam (EX187)	Book No.	TD/G.1.
Section	COOLING SYSTEM	Sheet No.	1 of 3
Sub-Section	RADIATOR	Date	

TYPE OF COOLANT CIRCULATION	Pump separate Header mounted on engine		
TOTAL COOLANT CAPACITY TO BOTTOM OF FILLER NECK	WITH HEATER	13.5/8 pints	Plus .65 pints
	WITHOUT HEATER	13.5/8 pints	
RADIATOR	DRG. NO. AEH.98		
TYPE	4 Row 'B' type, gilled tube, Baked	12	GILLS PER INCH
DIMENSIONS MATRIX	LENGTH. BETWEEN TUBE PLATES	10.3/4	INS.
	WIDTH. i.e. GILL LENGTH	18.1/8	INS.
	DEPTH. i.e. GILL WIDTH	2.1/4	INS.
	FRONTAL AREA	1.35	SQ.FT.
MATERIALS	MATRIX Gills .004" Copper		.005" Brass
	TANKS 22 S.W.G.	TUBE PLATES	22 S.W.G.
DRY WEIGHT	17.5 lbs.		
RADIATOR CAPACITY	3.95 PINTS	HEADER TANK CAPACITY 1.3/4 2.2/3	PINTS 1st 50 only 2nd unit
RADIATOR FLOW TEST	15 GALLONS/MINUTE AT 1 LBS/SQ.IN.		
PRESSURE CAP BLOW OFF	4 LBS/SQ.IN.	VACUUM VALVE.	
DRAIN TAP.	L.H.S. of vehicle projecting downwards	1/4" B.S.P.	
OVERFLOW	POSITION	On header tank	
	SIZE	5/16 O/D x 18 SWG (.048")	
HEATER CONNECTIONS	POSITION	Outlet from engine thermostat housing	
	SIZE	Inlet to engine on lower water manifold 1/2" O/D x 18 SWG. copper tube	
RADIATOR MOUNTING	5/16" UNF weld nuts on flanged side castings. 3 off each side		
FINISH	Paint Radiator Black		

HOSES	TYPE	RAD. IN.	RAD. OUT.
	INTERNAL DIA:	" " 1.5/16" Engine end 1.1/8" Rad. End	" " 1.3/8" E. 1.1/8" R.
	LENGTH	" " 6.11/16 ins	" " 3.5/32" ins

Details of Modifications	Change Point	Note Reference

Issue 1.		Section E. 1