

MG MIDGET STAGE B TUNE

The 1275cc MG Midget can be converted to Stage B by fitting a polished and gas-flowed cylinder head, competition head gasket, N64Y sparking plugs, twin 1½" SU carburetters, with air cleaners, special inlet manifold, free-flow exhaust manifold, straight-through exhaust system, special distributor and leads.

PERFORMANCE FIGURES (All figures by kind permission of Motor)

ACCELERATION THROUGH GEARS FROM REST

M.P.H.	Km.P.H.	Std.	Stage B
0-30	0-48	4.0 secs	3.3 secs
0-40	0-64	6.5	5.1
0-50	0-80	9.3	7.2
0-60	0-96	13.5	10.0
0-70	0-113	19.1	13.8
0-80	0-129	28.5	18.8
0-90	0-145	45.7	27.5
Standing quarter mile	.. ..	19.3	17.4

ACCELERATION IN TOP GEAR

M.P.H.	Km.P.H.	Std.	Stage B
20-40	32-64	9.9 secs	8.9 secs
30-50	48-80	9.6	9.0
40-60	64-96	9.8	8.5
50-70	80-113	11.7	9.1
60-80	96-129	16.0	10.9
70-90	113-145	—	14.0

MAXIMUM SPEEDS

Flying lap	.. ..	95 m.p.h.	153.0 km.p.h.	102 m.p.h.	164 km.p.h.
Flying quarter mile	.. ..	97 m.p.h.	156.0 km.p.h.	104.7 m.p.h.	168.5 km.p.h.

As indicated in the performance figures the engine has good low speed torque, improved acceleration and top speed, which puts the Midget into the top performance tables for a small sports car.

The Tuning parts needed for converting to Stage B are detailed below:

Description	Part No.
Cylinder head	C-AHT 463
Twin 1½" carburetters	C-AUD 709
Installation kit—carburetters	C-AJJ 4040
Distributor	C-27H 7766
N64Y sparking plugs	C-37H 4208
Gasket—head	C-AHT 188
Exhaust manifold	C-AHT 11

Leyland ST reserve the right to alter parts specifications at any time, and without prior notice. The use of many of the parts listed is excluded under the terms of the New Car Owner Service Statement.

Leyland ST Distributors and Stockists

A network of approximately 100 Leyland ST Distributors and Stockists ensure that Leyland ST Plusparts and Pluspacs are easily obtainable throughout the UK. For a list of Distributors/Stockists and price list, or further information, contact Leyland ST.

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Leyland



MIDGET and SPRITE PLUSPARTS AND PLUSPACS

The following special parts available for the Midget and Sprite can be purchased from your Leyland ST Distributor or Stockist.

See the appropriate Tuning Booklet for further details of recommended tuning and correct application of parts and packs.

NB. Engine and gearbox Plus parts are currently under development for the 1500cc Midget.

Description	Qty./Car	Part No.
BODYWORK		
Bonnet securing strap set	1 C-AJJ 3381
Headlamp cowl kit	1 C-AJJ 3385
Roll over bar (Road/Rally—less diagonal)	1 STN 0346
BRAKES, SUSPENSION AND WHEELS		
DS11 disc pad set	1 C-AHT 16
Brake-shoes, VG95	4 C-8G 8997
Brake linings	2 C-8G 8998
Shock absorber, competition, front R.H.	1 C-AHA 6451
Shock absorber, competition, front L.H.	1 C-AHA 6452
Shock absorber, rear R.H., adjustable	1 C-AHA 7906
Shock absorber, rear L.H., adjustable	1 C-AHA 7907
Spring, rear road, lowered semi-elliptic	1 C-AHA 8272
Front suspension lowering kit	1 C-AJJ 3322
Kit, anti-roll bar, 9/16" (14.3 mm) dia.	1 C-AJJ 3314
Bar, anti-roll, 3/8" (15.9 mm) dia.	1 C-AHT 56
Bar, anti-roll, 1/2" (17.5 mm) dia.	1 C-AHT 57
Installation kit, anti-roll bar	1 C-AJJ 3356
Wire wheels, 60 spoke, 13" x 5"	5 C-AHA 7573
Rear bump stop kit	1 C-AJJ 4031
CARBURETTER AND EXHAUST		
Twin 1½" SU carburetters H4	1 pr C-AUD 194
Installation kit for C-AUD 194 carburetters (1098cc)	1 C-AJJ 3304
Twin 1½" SU carburetters HS4	1 C-AUD 709
Installation kit, 1½" carburetters (1275cc)	1 C-AJJ 4040
Flare pipe, 1½" SU carburetters, alloy	2 C-AHT 247
Carburetter, Weber 45 DCOE	1 C-AHT 143
Installation kit for Weber	1 C-AJJ 3360
Competition, large bore, manifold	1 C-AHT 11
Silencer	1 C-ARA 135
Carburetters, twin 1½" SU HS6	1 C-AUD 641
Installation kit, twin 1½" SU HS6	1 C-AJJ 4001
CLUTCH (948 AND 1098cc only)		
Competition clutch (Engine prefix 10CC only)		
Cover assembly	1 C-BHA 4448
Driven plate	1 C-BHA 4449

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Description	Qty./Car	Part No.
CLUTCH AND FLYWHEEL (1275cc only)		
Flywheel, lightened	1	C-AHT 70
Clutch cover assembly	1	C-AEG 546
Clutch driven plate	1	C-AHT 383

CAMSHAFT, DISTRIBUTOR, AND CRANKSHAFT

Camshaft, road/rally	1	C-AEA 731
Camshaft, race	1	C-AEA 648
Camshaft, road	1	C-AEG 567
Camshaft, road/rally	1	C-AEA 800
Camshaft, rally	1	C-AEG 643
Camshaft, race	1	C-AEG 529
Camshaft, sprint	1	C-AEG 597
Camshaft, super sprint	1	C-AEG 595
Distributor, competition timing	1	C-27H 7766
Crankshaft, nitrided (1275cc only)	1	C-AHT 326
Connecting rod bolt—Tuftrided	8	STR 0288

FINAL DRIVE AND AXLE SHAFT

Shaft, axle heavy duty, wire wheels	2	C-BTA 939
Shaft, axle heavy duty, disc wheels	2	C-BTA 940

PISTONS (for 1275cc engine)

Forged, dished top pistons, +.020", +.040"	1	C-AJJ 3377
Flat top, +.040" only	4	C-AEG 043043
Flat top, forged, +.020", +.040"	1	C-AJJ 3382
Forged flat top, 73.5 mm	4	STR 0310

GASKETS AND HEADS

Cylinder head joint	1	C-AEA 647
Cylinder head joint (1275cc)	1	C-AHT 188
Polished head complete, 948cc only	1	C-AHT 90
Polished head complete, 1098cc only	1	C-AHT 141
Head washer set	1	C-AHT 288
Head, polished, 19cc	1	C-AHT 134
Head, polished, 19cc	1	C-AHT 463
Head, polished, 16.44cc	1	C-AHT 222
Head, polished, 21cc	1	C-AHT 222 A
Head, polished, large valve 16.4cc	1	C-AHT 221

GEARBOX

Straightcut close ratio gear set complete (not for 948cc)	1	C-AJJ 3319
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VALVE GEAR

Bottom collar, for spring AEA 401	8	C-AEA 432
Tappet, lightened	8	C-AEG 579
Screw, tappet adjusting	8	C-AEA 692
Kit, timing chain, duplex (1098 and 984cc)	1	C-AJJ 3325
Valve guides, Hidural	1	C-AJJ 4037
Valve spring, outer, heavy	8	C-AEA 524
Valve spring, inner, heavy	8	C-AEA 652
Collar locating	8	C-AEA 654
Valve inlet, 1.401" (35.56 mm) dia.	4	C-AEG 544
Valve inlet, 1.464" (37.6 mm) dia.	4	C-AHT 55-
Valve inlet, 1.307" (33.2 mm) dia.	4	C-AEG 569
Tappet, lightened	8	C-AEG 579
Camshaft sprocket	1	C-AEG 578
Valve rocker spacer	3	C-AEG 392

Description Qty./Car Part No.

IGNITION

Kit, high tension	1	C-AJJ 4010
Plug connector rubber (included in kit C-AJJ 4010)	4	C-AHT 265
H.T. cable (included in kit C-AJJ 4010)	1	C-AHT 266
Coil (HA 12) (included in kit C-AJJ 4010)	1	C-AHT 269
Sparking plug, Champion N57R	4	C-27H 5982
Sparking plug, Champion N62R	4	C-37H 2149
Sparking plug, Champion N60Y	4	C-37H 2148
Sparking plug, Champion N64Y	4	C-37H 4208
Switch, master cut out	1	C-AHT 623

OIL COOLER AND SUMP

Deep sump and oil pick-up kit (1275cc)	1	C-AJJ 3324
Oil cooler kit (1275cc)	1	C-AJJ 3323
Cover, oil cooler	1	STR 0157
Oil cooler (7 row)	1	C-ARA 205
Oil cooler (13 row)	1	C-ARO 9809
Oil cooler (16 row)	1	C-ARO 9875
Oil cooler kit, Midget 1500 (Not USA)	1	STN 0075

SUNDRIES

Kit, blanking sleeve, thermostat by-pass	1	C-AJJ 4012
Dual fuel pump kit	1	C-AJJ 4015
Pulley for reduced speed	1	C-AEA 535
Short fan belt	1	C-AEA 539

LITERATURE AND INSIGNIA

Tuning booklet 948cc		C-AKD 1021
Tuning booklet 1098cc		C-AKD 5097
Tuning booklet 1275cc		C-AKD 5098
Tuning data sheet set (current models)		C-AJJ 3333
Binder for Special Tuning data sheets		C-AKD 5061
Divider set for binder		STN 0020
Leyland ST sticker, 9" x 6"		STR 0121
Leyland ST sticker, 16" x 3"		STR 0122
Leyland ST sticker, 4" x 3"		STR 0123
Windscreen decal, Leyland ST		STR 0111
Windscreen decal, Leyland Cars		STR 0236
Windscreen decal, British Leyland		STR 0112
Leyland ST woven badge		STR 0100
British Leyland motif kit		C-AJJ 4099
British Leyland 3" motif kit		C-AJJ 4055
Blue Leyland ST rally jacket		
Extra small 36"		STR 0158
Small 38"		C-AHT 352B
Medium 40"		C-AHT 353B
Large 42"		C-AHT 354B
Extra large 44"		C-AHT 355B
Orange race jacket		
Extra small 36"		STR 0070
Small 38"		STR 0071
Medium 40"		STR 0072
Large 42"		STR 0073
Extra large 44"		STR 0074
T shirts		
Motif: Leyland ST	A Bigger Pair of Carbs	I'm way out in front
Small STR 0130	from Leyland ST	with Leyland ST
Medium STR 0129	STR 0133	STR 0380
Large STR 0128	STR 0132	STR 0381
Leyland ST tie	STR 0131	STR 0382
Leyland ST key fob		STR 0138
7"-9" Fog & driving lamp covers with Leyland Cars symbol		STR 0159
		STR 0308