

Leyland



TOWING INFORMATION

Adequate Cooling

Your car radiator will normally be well able to cope with the additional load of towing if maintained in good condition. However, towing, especially in hot, mountainous or heavy traffic conditions puts a greatly increased load on the engine oil, and the oil temperature should be kept below 100°C to withstand this extra load. Above 100°C, full protection may not be maintained and more frequent oil changes will be necessary.

Oil cooler kits, complete with all necessary fixtures and full fitting instructions are available for the following models, and are designed to reduce oil temperatures by at least 10°C.

Model	Kit Part No.
MG Midget (1275cc)	C-AJJ 3323
Austin/Morris/Wolseley 1800 (1964-75)	C-AJJ 3337
1100/1300 range	C-AJJ 3384
Mini, Mini Cooper and 'S'	C-AJJ 3309
Mini Clubman and 1275 GT	C-AJJ 4030
Triumph Toledo	C-AJJ 4054
Marina 1-3	C-AJJ 4077
Marina 1-8	C-AJJ 4073
Triumph Dolomite Sprint	STN 0003
Allegro 1100 and 1300	STN 0012
Allegro 1300 Automatic	STN 0070
Maxi 1500, 1750, HL* and Automatic*	STN 0044
Allegro 1500, 1750 HL and Automatic*	STN 0047
Princess 1800 Manual†	STN 0048
Princess 2200 Manual†	STN 0050
MGB	STN 0035
2200 Saloon (Old type—Manual)	STN 0059

Automatic Transmission oil coolers are available for the following models:

Model	Kit Part No.
Princess Automatic (1800 & 2200)*	STN 0049
Austin-Morris 2200/Wolseley Six (pre 1975)	STN 0058

* Oil Cooler MUST be fitted when towing.

† Oil Cooler MUST be fitted when towing overseas or in hot/mountainous conditions.

For winter motoring, the oil cooler should be blanked off to keep the oil temperature in the range 70°C-100°C. A special cover, Part No. STR 0157, is available for all kits above (except Dolomite Sprint).

For extreme conditions, electric fan kit STN 0037 may be used on the Marina 1-3 to supplement the standard fan, and under normal conditions will provide benefits in economy and quietness when used to replace the standard fan.

Stability with Hydragas or Hydrolastic Comfort

Leyland ST Towing Pluspacs are based on progressive rear bump stops, and prevent an excessive 'tail down' attitude when towing or carrying heavy loads. They will give a slightly firmer ride when driving unladen.

Model	Kit Part No.
1800/2200 range (1964-75)	C-AJJ 4125
1100/1300 range	C-AJJ 3386
Mini (Hydrolastic only)	C-AJJ 3313
Maxi Mk. I	C-AJJ 4024
Maxi Mk. II, 1500, 1750 & HL	C-AJJ 4061
Allegro range (early cars)	STN 0016
Allegro range (1975 on)	STN 0043
18-22/Princess series	STN 0056

More Pulling Power without affecting the Warranty

Single carburettor models do not give such good high speed performance as twin carburettor models, but their low speed pulling power can be made much better by fitting Leyland ST Pluspac 'A' tuning kits. These consist of either a polished

fully assembled cylinder head, and in most cases a complete new free flow exhaust system, or a twin carburettor conversion.

The value of these kits is enhanced by the fact that the new car owner service statement is NOT affected when they alone are fitted.

Pluspac 'A' Polished Head Kits

Model	Part No.
850cc Mini, Manual Gearbox (early cars)	STN 0025
850/998cc Mini and Clubman	STN 0017
998cc Mini and Clubman (early cars)	STN 0026
1100cc, Manual Gearbox	C-AJJ 3342
1100cc, Automatic Gearbox	C-AJJ 3348
Mini 1275 GT	STN 0022
1300cc, Manual and Automatic Gearbox	C-AJJ 3344
1800cc, Manual and Automatic Gearbox, Mkl only	C-AJJ 3341
1300cc Allegro	C-AJJ 4117

Pluspac 'A' Twin Carburettor Kits

Model	Part No.
1800cc MkII and MkIII	C-AJJ 4109
Austin Maxi 1500	C-AJJ 4111
Austin Maxi 1750	C-AJJ 4111A
Marina 1-3	C-AJJ 4084
Marina 1-8	C-AJJ 4074
Allegro 1500	C-AJJ 4112
Allegro 1750	C-AJJ 4112A
Princess 1800	STN 0061

Model	Max. car total carrying weight		Max. roof rack loading		Max. towing weight	
	lb	kg	lb	kg	cwt	kg
Clubman/Mini Saloon	680	308	90	40	8	406
1100/1300 Range	871	395	100	45	15	762
Marina 1-3	875	406	100	45	15	762
Marina 1-8 and TC	875	406	100	45	17-45	886
Maxi	885	410	110	50	17	864
1800 Range	945	428	132	60	20	1016
Allegro (all models)	710	320	112	50	15	762
Princess Series	880	367	132	60	20	1016

The vehicle load is inclusive of any load carried on the roof rack and figures for the latter should be deducted from the former.

The towing weight shown may be used even when the vehicle itself is loaded to its maximum possible capacity. These towing weights will permit the vehicle to climb 1 in 8 gradients in first gear.

The recommended downward load on the towing hitch is 75 to 100 lb (34-45 kg) but this may be reduced or exceeded at the discretion of the driver.

Roof racks should be used as a means of carrying bulky rather than heavy articles of luggage. Any weight carried on the roof must necessarily have an adverse effect on its handling and it must therefore be driven with due discretion. Cornering properties and also the behaviour of the car in cross winds will be particularly affected due to the changes in the centre of gravity and the centre of pressure.

Marina Rear Suspension for Towing

Stiffer (163 lbf/in) six-leaf rear road springs will raise the car slightly to compensate for additional loads and are available to Part No. C-AHT 499 (2 off), which require new 'U' bolts C-AHT 600 (4 off). Adjustable shock absorbers are available to Part No. C-AHT 458 (2 off), which can also be used with the standard road springs if stiffer damping alone is required.

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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