HANDBOOK

800 SERIES

AUSTIN ROVER SERVICE

The literature pack supplied with your new vehicle will contain a copy of the Austin Rover UK & Eire Dealers address booklet. This lists the names and addresses of our franchised Dealers under town names in alphabetical order.

Those Dealers specially franchised and fully equipped to provide complete after sales service support for your Rover 800 are identified in the address booklet by the letter 'R'. Any Austin Rover Dealer will however, provide help and assistance should you require it.

For routine vehicle maintenance, nothing beats the service offered by your Dealer. It's been carefully planned and designed so that no aspect of service has been overlooked. With an Austin Rover service you can be sure your vehicle will receive all the care and attention you need for peace of mind motoring.

Sequenced Servicing
All necessary maintenance operations are identified and a logical and economical sequence of operation is provided in a special work sheet which the mechanic follows when carrying out a service.

Manufacturer Trained Operatives
Every service operative is given factory designed training and attends refresher courses at regular intervals to keep completely up-to-date with the latest developments.

Fully equipped Service Bays
Our service bays are compact and stocked with all the most modern equipment, for the most efficient servicing of your vehicle, saving the mechanic's time, and, consequently your money.

Quality Control
Quality controls and checks are an integral part of the service system and ensure that the very high standards demanded by Austin Rover are maintained.

Quoted Prices
There are no hidden extra charges. You'll know exactly how much you have to pay when you book your vehicle in. Service prices will be prominently displayed in the reception area. And should any additional work be found necessary you will be contacted and only on your authority will this then be carried out.

Guarantee of Workmanship
Service comes with an all-inclusive 3-month or 3,000-mile signed guarantee, whichever comes first. And corners are never cut in an Austin Rover service. Over 100 separate items are checked at every major service, including a comprehensive road test. So it's certainly the most extensive service available for your vehicle.

Cost Efficient
Regular servicing with Austin Rover will put off the day when your vehicle will require repair, and greatly decrease the possibility of roadside breakdowns with their consequent expenses and inconvenience. Regular maintenance will lessen the strain on your pocket.

Whether it's fitting accessories, servicing, repairing accident damage or just giving advice, your Rover Dealer is waiting to care for your car AND to care for you.

ROVER

This Handbook contains information on Rover 827, Vitesse and Sterling models.

To avoid inconvenience
RECORD KEY NUMBERS,
(on metal tag attached to key ring, and on label attached to the infra–red handset
AND KEEP YOUR
RADIO SECURITY CODE CARD
IN A SAFE PLACE NOW
(e.g. with vehicle registration document).

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Forecourt Data Rear cover

Publication Part No. AKM 6134 (5th Edition)

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BY APPOINTMENT
TO HM THE QUEEN
MANUFACTURERS OF ROVER CARS
AND AUSTIN CARS
AUSTIN ROVER GROUP LIMITED
CANLEY COVENTRY

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GENERAL DATA

During running–in from new certain adjustments vary from the specification figures detailed. They will be set to specification by your Dealer at the After–Sales Service and should thereafter be maintained throughout the car's life.

Engine	Capacity	2675 cm^3	163.2 in^3
	Firing order	1–4–2–5–3–6	
	Idle speed	720 ± 50 rev/min	
	Exhaust gas CO content at engine idle speed	0.5 ± 0.25% (hot)	
Ignition	Ignition system	Fully programmed ignition system	
	Spark plugs	XHM 279 or XHM 281	
	Gap	1.00 mm 0.040 in	
Electrical	Circuit voltage and polarity	12V negative (–) earth	
	Battery type	Sealed for life	
Wheels and tyres	Wheel size	6J x 15 in	
	Road wheel nut torque	72Nm, 53 lbf ft, 8.2 kgf m	
	Tyre size:		
	All models except Vitesse	195/65 – VR15 Steel braced radial	
	Vitesse	205/60 – VR15 Steel braced radial	
	Tyre pressures: see **FORECOURT DATA** on the back cover of this Handbook		
Capacities (approximate)	Fuel tank	68 litre	15 gal
	Engine refill and filter change	4.5 litre	8 pt
	Manual gearbox refill	2.2 litre	3 ¾ pts
	Automatic gearbox refill	3.2 litre	5 ½ pts
	Cooling system refill capacity	8.6 litre	15 ½ pts
	Washer reservoir:		
	combined windscreen and headlamp	6 litre	10 ½ pts

General Data

Dimensions	Overall height*	1.398 m	4 ft 7 ⅛ in
	Overall width (including mirrors)	1.966 m	6 ft 5 ⅜ in
	Overall length	4.694 m	15 ft 4 ⅞ in
	Ground clearance*	145 mm	5 ¾ in
	Wheelbase	2.759 m	9 ft ⅝ in
	Turning circle (kerb to kerb)	11.9 m	39 ft
	Track:		
	Front	1.49 m	4 ft 10 ¾ in
	Rear	1.45 m	4 ft 9 ⅛ in
	Wheel alignment:		
	Front – toe–in	Parallel ± 0° 8′	
	Rear – toe–in	0° 10′ ± 0° 4′ each wheel	

* at kerbside weight

Weights			
Saloon	Kerbside (full fuel tank without optional fittings)		
	827 Si	1395 kg	3075 lb
	827 SLi	1410 kg	3109 lb
	Sterling	1475 kg	3257 lb
	Max. gross vehicle weight	1900 kg	4189 lb
Fastback	827 Si manual	1405 kg	3098 lb
	827 Si automatic	1425 kg	3142 lb
	Vitesse (manual only)	1425 kg	3142 lb
	Max. gross vehicle weight	1910 kg	4211 lb
	Maximum towing weight restart on a 12% 1 in 8 gradient with one passenger and 136 kg (299 lb) luggage:		
	Braked trailer +	1550 kg	3417 lb
	Unbraked trailer	500 kg	1102 lb
	Towing hitch downward load	50 kg	110 lb
	Max. roof rack weight (distributed)	70 kg	154 lb

\+ Automatic models: See the ***CAUTION*** in **TOWING.**

ROVER 827 & STERLING MODELS

Fuel Grade – Non Catalyst equipped — 95 RON minimum – **UNLEADED**
97 RON minimum – **LEADED** (4 star UK rating)

CAUTION: Serious damage to the engine may occur if a lower octane fuel than that recommended is used. The engine is tuned to operate on either 95 RON UNLEADED petrol or 4 Star – 97 RON LEADED petrol. See FUEL.

– Catalyst equipped — 95 RON minimum – **UNLEADED**

CAUTION: Serious damage to the catalyst will occur if LEADED fuel is used.

Engine oil Grade — 10W/40

Topping–up — Quantity to raise level from 'MIN' to 'MAX' – 1 litre 1½ pt

Tyre pressures

All 827 models except Vitesse		bar	kgf/cm²	lbf/in²
Loads up to 4 passengers	Front and Rear	1.9	2.0	28
Loads in excess of 4 passengers	Front and Rear	2.1	2.1	30
			↓	Op
At speeds in excess of 100 mph, 160 km/h increase above pressures by:	Front and Rear	0.6	0.6	9

Vitesse model		bar	kgf/cm²	lbf/in²
Loads up to 4 passengers	Front and Rear	2.1	2.1	29
Loads in excess of 4 passengers	Front and Rear	2.2	2.2	31
At speeds in excess of 100 mph, 160 km/h increase above pressures by:	Front and Rear	0.7	0.7	10

Replacement tyres must be of the same type and specification.

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