

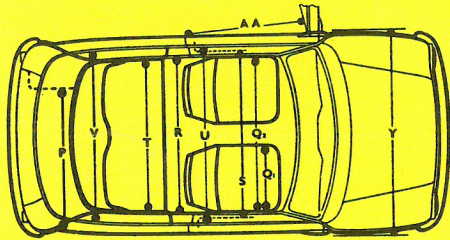
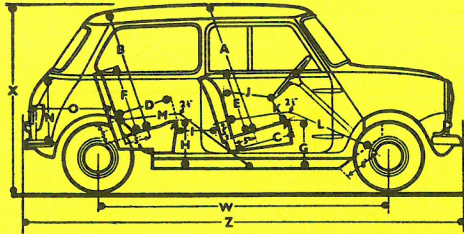
AUSTIN Incredible **mini** Saloon



- ★ Combined ignition/starter switch.
- ★ Safety sun visors and interior mirror.
- ★ Two-leading-shoe brakes at front.
- ★ Greater torque capacity gearbox.

...now with Hydrolastic suspension!

SPECIFICATIONS



ENGINE: Water-cooled, overhead-valve, four-cylinder. Counter-balanced crankshaft with three main bearings. In unit with clutch, gearbox and final drive. Installed transversely at front of car. Bore 2.478 in. (62.9 mm.); stroke 2.687 in. (68.26 mm.); cubic capacity 51.74 cu. in. (848 c.c.); compression ratio 8.3 to 1; maximum B.H.P. 34 (gross 37) at 5,500 r.p.m.; maximum torque 44 lb. ft. at 2,900 r.p.m. (gross 45 lb. ft. at 3,450 r.p.m.).

Fuel System: S.U. carburetter, electrical fuel pump; air cleaner; tank capacity, 5½ gallons (25 litres).

Lubrication System: Full pressure. Sump forms oil bath for gearbox and final drive; internal gear type pump driven by camshaft; full flow oil filter; oil capacity, including transmission, 8 pints (4.5 litres) approximately, plus 1 pint (0.57 litre) for filter.

Ignition System: 12-volt coil, and distributor with automatic and vacuum control.

Cooling System: Pressurised radiator with pump, fan and thermostat; capacity approximately 5½ pints (3 litres), plus 1 pint (0.57 litre) for heater when fitted.

TRANSMISSION: Diaphragm Spring Clutch, 7½ in. (0.18 m.) diameter, hydraulic operation by pendant pedal. Gearbox, four speeds with needle-roller bearings throughout. Baulk-ring synchromesh on 2nd, 3rd and top; central floor gear change lever. Final drive, to front wheels by open shafts with universal joints.

Gear Ratios	Gearbox	Final Drive	Overall	Road Speeds at 1000 r.p.m.
Reverse	3.628 to 1	—	13.659 to 1	—
1st	3.628 to 1	—	13.659 to 1	4.086 m.p.h.
2nd	2.172 to 1	—	8.178 to 1	6.825 m.p.h.
3rd	1.412 to 1	—	5.316 to 1	10.499 m.p.h.
Top	1.000 to 1	3.765 to 1 (17/64)	3.765 to 1	14.824 m.p.h.

STEERING: Rack and pinion: 2½ turns lock to lock: two-spoke 15½ in. (0.40 m.) diameter steering wheel. Turning circle, 31 ft. (9.45 m.).

SUSPENSION: Front: (includes final drive) — Independent with levers of unequal length. Incorporates *Hydroelastic displacers interconnected front to rear. Swivel axles mounted on ball joints. Rear — Independent trailing tubular levers with Hydroelastic displacers.

BRAKES: Foot — All four wheels hydraulically operated by pendant pedal with two-leading shoes at front. 7 in. diameter × 1½ in. wide front; 7 in. diameter × 1¼ in. wide rear.

Hand — Central pull-up lever which operates on rear wheels.

ROAD WHEELS: Pressed steel, four-stud fixing; 5.20-10 Dunlop tubeless tyres.

ELECTRICAL: 12-volt, 30 amp. hr. capacity battery at 10 hour rate (34 amp. hr. at 20 hour rate). Double-dipping headlamps with foot operated dipswitch; sidelamps in headlamps with separate bulb; rear lamps, stop lamps, reflectors and flashers are all combined in single units; rear number plate illuminating lamp; separate front amber flashers, self-cancelling switch under steering wheel with warning light in the end of the lever; twin-blade electric windscreen wipers; single high frequency horn with push in centre of wheel. Interior lamp fitted in roof also acts as courtesy lamp.

*Hydroelastic is a registered trade mark.

*Seats compressed

*A 2 ft. 11 in. (0.95 m.)	*B 2 ft. 11½ in. (0.88 m.)	C 1 ft. 6 in. (0.46 m.)	D 1 ft. 5 in. (0.43 m.)	E 1 ft. 7 in. (0.48 m.)
F 1 ft. 8 in. (0.51 m.)	G 1 ft. 1½ in. (0.34 m.)	H 1 ft. 1 in. (0.33 m.)	I (Max.) 11½ in. (0.29 m.)	I (Min.) 7½ in. (0.19 m.)
J (Max.) 1 ft. 4½ in. (0.42 m.)	J (Min.) 1 ft. 0½ in. (0.32 m.)	K 6½ in. (0.17 m.)	L (Max.) 3 ft. 7½ in. (1.10 m.)	L (Min.) 3 ft. 5 in. (1.04 m.)
M (Max.) 3 ft. 8½ in. (1.13 m.)	M (Min.) 3 ft. 2½ in. (0.98 m.)	N 1 ft. 6 in. (0.46 m.)	O 1 ft. 10 in. (0.56 m.)	P 3 ft. 2 in. (0.97 m.)
Q1 1 ft. 8 in. (0.51 m.)	Q2 3 ft. 7½ in. (1.10 m.)	R 3 ft. 5 in. (1.04 m.)	S 3 ft. 9½ in. (1.16 m.)	T 3 ft. 5 in. (1.04 m.)
U 3 ft. 10 in. (1.17 m.)	V 3 ft. 8½ in. (1.13 m.)	W 6 ft. 8 in. (2.03 m.)	X 4 ft. 5 in. (1.35 m.)	Y 4 ft. 7½ in. (1.41 m.)
Z 10 ft. 0½ in. (3.05 m.)	AA 2 ft. 8 in. (0.81 m.)	TRACK (Front) 3 ft. 11½ in. (1.21 m.)	TRACK (Rear) 3 ft. 9½ in. (1.16 m.)	WEIGHT (approx.) 11½ cwt. (584 kg.)

INSTRUMENTS: Speedometer, with fuel gauge and warning lights to show low oil pressure, dynamo not charging, dirty oil filter and headlamp high beam position. (Separate instruments for oil pressure and water temperature on De Luxe). The various switches including combined ignition/starter switch are mounted on a panel in the centre of the parcel shelf. Windscreen washer fitted.

COACHWORK: Four-seater, four-light, two-door saloon of all steel unitary construction. There is one large instrument nacelle in the fascia with a parcel shelf beneath trimmed in vinyl-coated fabric over polyether padding. Single interior anti-glare safety mirror. A wide seat in the rear has a companion box on each side for personal items. There is a parcel shelf behind the rear squab in addition to parcel space under the rear seat cushion. Rear quarter panels covered with headlining material. The doors are hinged at their forward edges by outside hinges and opened by full-width cable release. Private lock incorporated in the outside handle of driver's door, while the passenger's door is locked from the inside. Door windows have two sliding glasses, each of which can be moved or fixed independently. Polyether front and rear seat cushions, rubberised hair front and rear squabs. Entire interior trim completed in vinyl-coated fabric. Adjustable driver's seat. Provision is made for installing front seat-belts. Luggage compartment in the rear, access being provided by a hinged lid with a locking handle. Rear number plate with its illuminating lamp is hinged to the lid which may be used as an additional luggage platform. Spare wheel and battery are carried on the floor of the boot, and the petrol tank is installed vertically on the left-hand side.

SUMMARY OF MINI SPECIFICATION DIFFERENCES

MINI SALOON (Home and Export Markets)	MINI DE LUXE SALOON (Home and Export Markets)
Fixed front passenger seat.	Adjustable front passenger seat.
Rubber mats front and rear.	Carpets front and rear.
Single crushable sun visor.	Two crushable sun visors.
Fixed quarter lights.	Hinged quarter lights
Rubber mouldings to windscreen, backlight and windows.	Bright plastic windscreen and backlight finishers.
Painted filler cap.	Stainless rear window surrounds and sill finishers (external).
Painted number plate lamp.	Chromed filler cap.
Painted wheels.	Chromed number plate lamp.
Chromed bumpers front and rear.	Wheel embellishers.
Circular instrument nacelle.	Chromed bumpers with overriders and tubular extensions front and rear.
	Oval instrument nacelle trimmed black.
	Vinyl-coated felt mat over spare wheel in luggage boot.
	Fresh air heater (Home market only).
	Ash trays in companion boxes.
	Kick protectors on doors and sills.
Optional Extras	Optional Extra
Fresh air heater.	
Automatic transmission	Automatic transmission.



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THE AUSTIN MOTOR COMPANY LIMITED

BMC EXPORT SALES LIMITED

LONGBRIDGE · BIRMINGHAM · ENGLAND

THE **mini** MUM HAS THE MAXIM



Taking the children to a
visiting Great Aunt Martha — c
whatever the reason for being
enjoys ev
She'll probably tell you t
ever owned; boast that it's the r
she'll be most ecst
and even tho
complain that the Mini
Nevertheless,

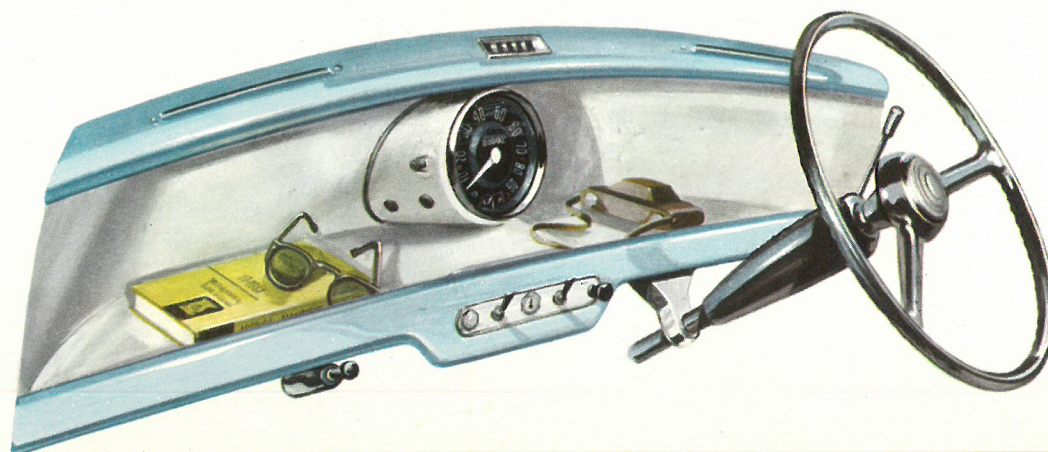
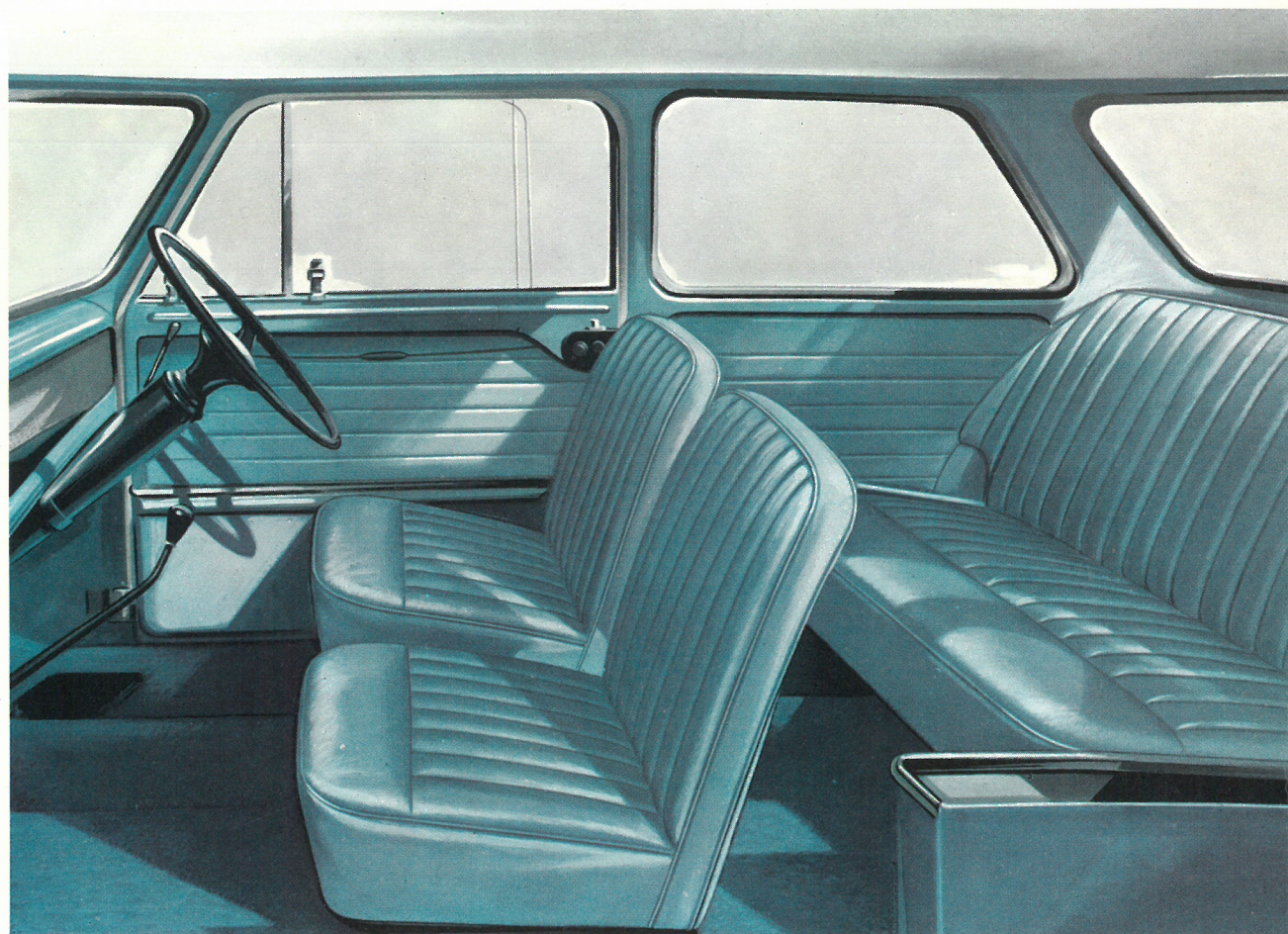
MINIMUM

Children to and from school, popping down to the shops, Martha — or driving for the sheer fun of motoring . . . When for being out in it you can be sure that the lady of the house enjoys every minute of her Mini! Tell you that her Mini is the most economical car she's ever driven; it's the most manoeuvrable car she's ever driven; she's most ecstatic about its incredible roominess and performance, even though it is supposed to be hers — she'll probably tell you the Mini seems to be the most sought-after car in the family! Nevertheless, she knows she's the Mum with the most — any Mini Mum always is!

SEE HOW roomy is the interior of the Mini Saloon. Sit inside and discover how a masterly achievement of design and styling has provided, inside a car of such modest outside dimensions, as much room for head, legs, elbows — and luggage! — as in many much bigger cars.

Each of the two front seats tips forward to give easier access to the rear and the driver's seat is adjustable for leg-reach. All Mini seats are restfully upholstered and with the interior trim are completed in vinyl-coated fabric. Being washable, this hard-wearing material can be kept spotlessly clean throughout its entire life. Anchorage points for front seat belts are provided in all Mini models, the seat belts being available from any Austin Dealer.

SIMPLE AND straightforward, the fascia of the Mini Saloon contains a single instrument, giving all the necessary information for the satisfactory operation of the car. In the centre of the tray-rail is a small panel containing the ancillary switches, including ignition/starter switch. A windscreen washer is standard equipment and a heater can be fitted at extra cost if desired.



mini DE LUXE SALOON

See, now, the most fascinating and widely acclaimed version of the Mini. Pert and smart in appearance, the Austin Mini De Luxe Saloon is fully equipped with every motoring refinement. Among the additional items of exterior equipment included on the De Luxe Saloon are wheel embellishers, bumper overriders supplemented by tubular extensions, bright finishers to windscreen and backlight, and stainless surrounds to the lower panel sills and opening rear windows.

A range of exciting colours is available on all Austin Minis and there is an eye-catching trim chosen to complete each colour scheme. Driving equipment is second to none. Take a trip through the darkness and see how the double-dip headlamps and flashing direction indicators provide the necessary confidence for comfortable night driving. You will find also that in fair weather or foul, the screen can be kept perfectly clean because in addition to the twin wiper blades, windscreen washers are fitted to all Austin Mini Saloons.

Inside and out there are many more fascinating and exclusively designed features to commend this revolutionary Austin Mini — a worthy successor to the famous line of small cars which started as a dream of the late Lord Austin in 1921.





THE **mini** WITH THE MOST

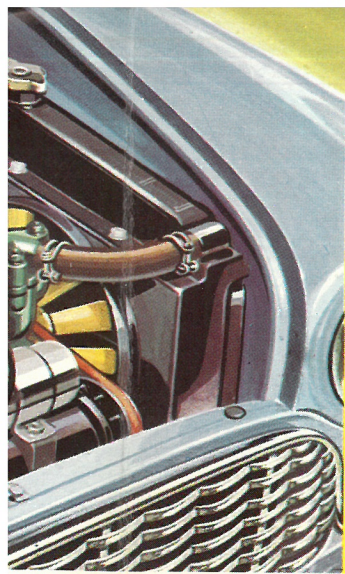
A peep inside the De Luxe Mini cannot fail to impress!

Even the most cost-conscious buyer will concede that this car offers the most value for money, because inside, as outside, the De Luxe Mini is complete in its appointments.

A fresh air heater which can also be used to supply cold fresh air, evens out variations in ambient temperature and also provides the means of freeing the screen from frost or condensation. Further touches of luxury include two extra instruments to record oil pressure and water temperature, adjustable passenger's seat and kick-protectors to the doors and sills. Ashtrays are fitted for the use of front and rear passengers and a hard-wearing fitted carpet covers the entire floor.

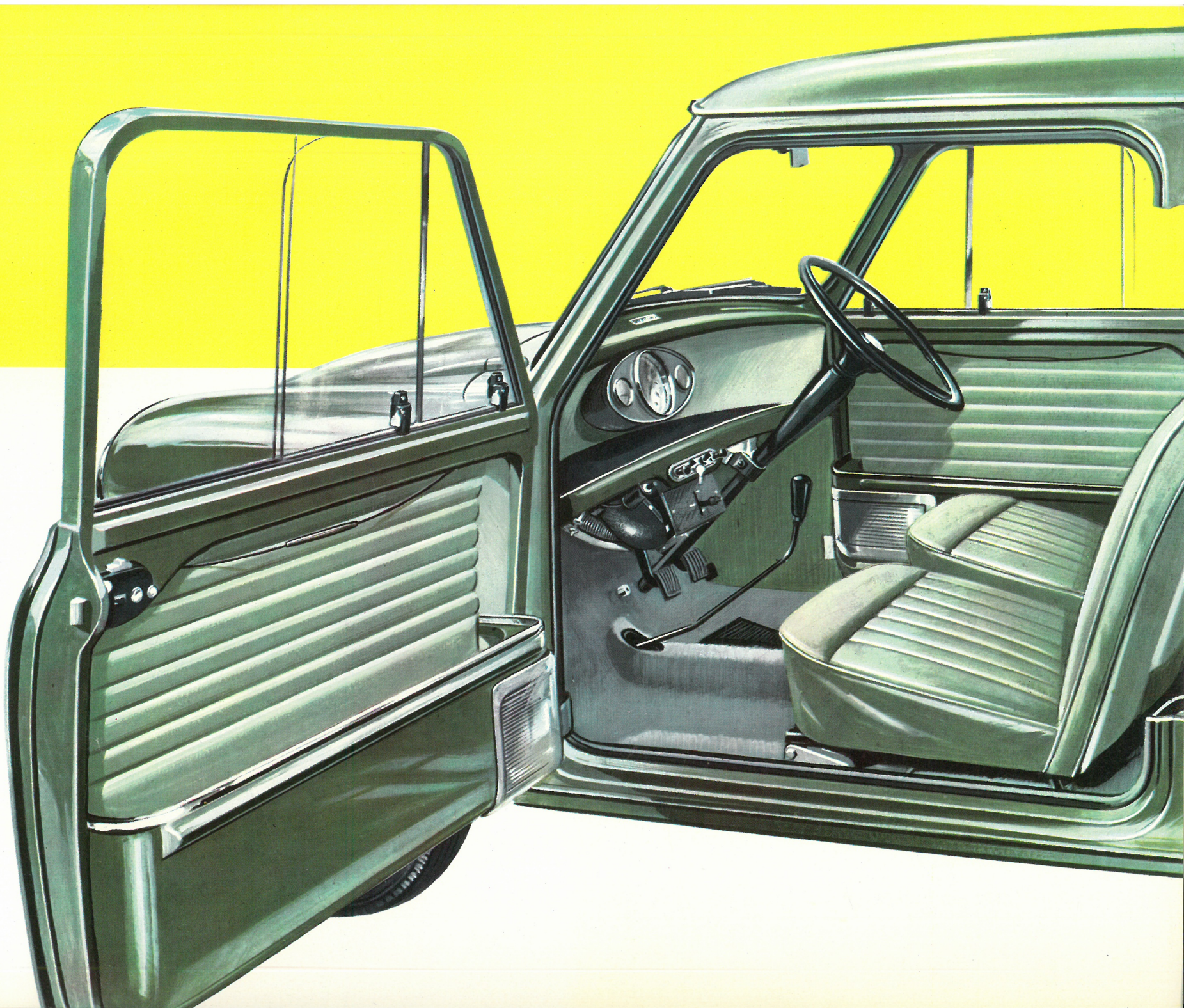
AUSTIN





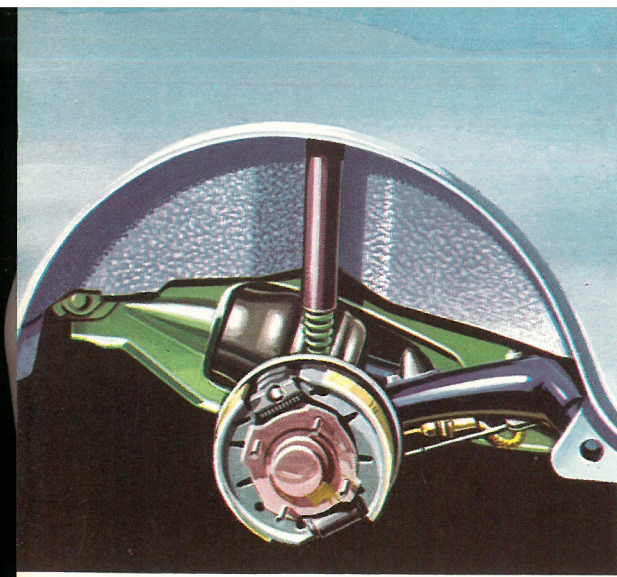
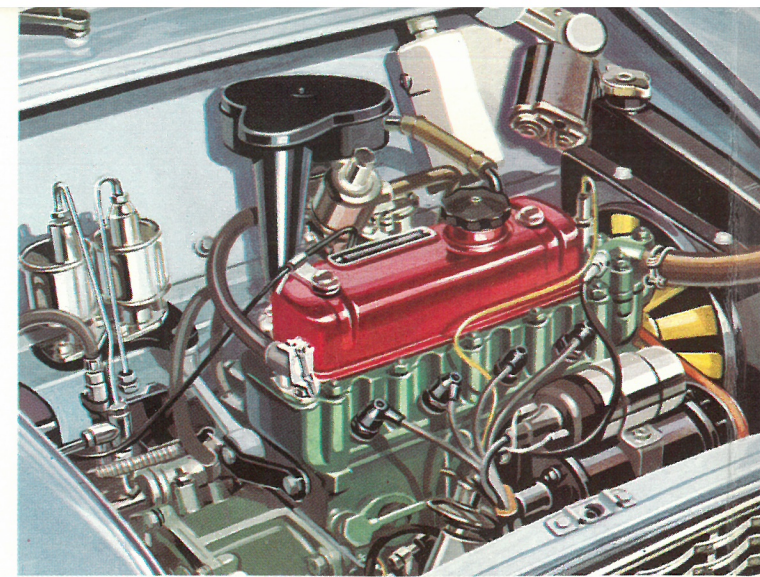
swing open wide, being hinged
windows can be independently
and they can be securely fastened
lock is embodied in the driver's
door can be locked from inside.
at each side of the rear seat —
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TRAILING TUBULAR levers are employed in the independent rear suspension. The Hydrolastic displacers are interconnected front to rear and the trailing arms carry the stub shafts for the wheel hubs. Four-wheel hydraulic brakes, with two-leading shoes at the front, are operated by pendant pedal, but for parking purposes the handbrake is mechanically connected to the rear wheels.

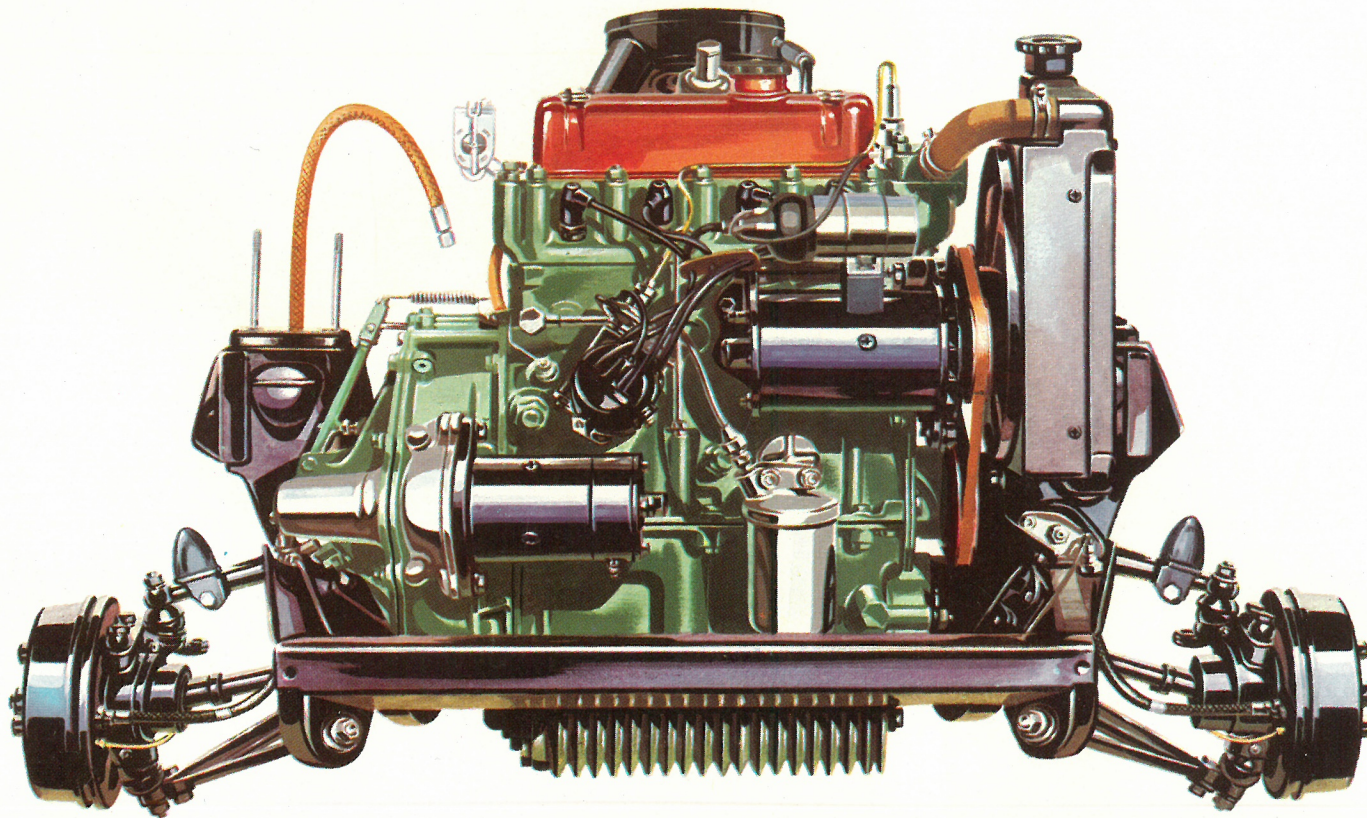
THE WIDE bonnet opening permits exceptional accessibility to the major mechanical components. S.U. carburetter, tappets, radiator, distributor, dynamo, sparking plugs, hydraulic reservoirs, clutch adjustment — in fact, almost everything of a mechanical nature needing periodical attention is there beneath the bonnet. Ingenious design, enabling the Austin Mini to be serviced at no more inconvenience than the raising of its bonnet-top!



Easy to get in or out of, the doors swing open at their forward edges. Each half of the sliding windows can be adjusted for ventilation or hand signalling, and they can be locked when the car is left unattended. An exterior lock is embossed on the door handle and the opposite door can be locked from the inside.

At the bottom of each door — and at each side of the front seat — is a wide pocket for personal luggage. Other small items can be stored on the front and rear parcel shelves and in the rear seat. De Luxe Saloons have two extra instruments fitted on the fascia. These record the engine speed and the temperature of the water.

MOUNTED ON a sub-frame, the independent front suspension units have swivel axles mounted on ball joints. The levers are of unequal length — a feature designed to prolong the life of the suspension and above each top lever, on each side, is mounted a Hydrolastic displacer. Fore and aft location of suspension units is rigidly achieved by tie rods. Rubber is extensively used for mounting the suspension units, which considerably reduces the necessity for maintenance. Power is transmitted to each front wheel by a drive shaft from the final drive differential enclosed with the sump of the engine. Here again, rubber plays a leading part. It has been chosen as the medium for the universal joints in the drive shaft! The four-speed gearbox, now of greater torque capacity, is achieved through the use of caged needle roller bearings, and diaphragm clutch, has synchromesh engagement on second, third and fourth gears, and a centrally mounted gear lever is linked to the selector forks, for delightfully positive gear changing.



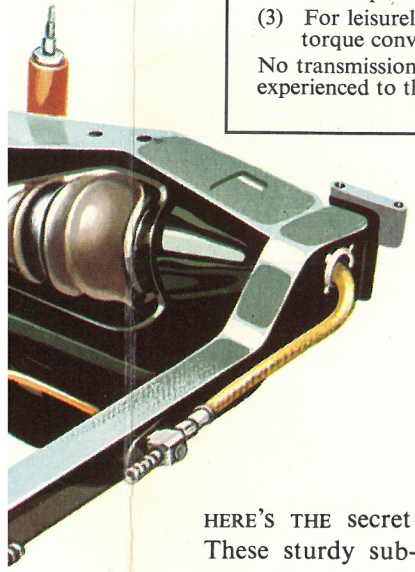
Try Automatic Transmission!

Designed within the Automotive Products Group and developed mutually with B.M.C. the new AP automatic transmission is manufactured in conjunction with the British Motor Corporation for their Austin Mini Saloons. This is the first time an automatic transmission has been married to a transverse engine — achieved by putting it in the sump of the engine without increasing the size.

Control of the system is by a centrally mounted floor lever giving seven positions: reverse, neutral, and automatic, plus first, second, third, and top for manual operation. This allows the system to be used in three different ways:

- (1) As a fully automatic four-speed transmission giving smooth progression from rest to maximum speed. 'Kick-down' to a lower gear for greater acceleration, and engine braking on hills is provided.
- (2) Use of the selector lever giving full manual control of all four gears. For the sporting driver very rapid changes at full throttle are possible utilizing maximum speeds in each gear. There is no clutch pedal.
- (3) For leisurely driving it is possible to engage any gear and use the very smooth take-up of the torque converter for starting from rest.

No transmission in the world gives so much choice of control, to all types of driver, from the inexperienced to the expert — and you can enjoy it in your new Austin Mini Saloon.



HERE'S THE secret of the Austin Mini's quick-service technique! These sturdy sub-frames carry the power pack/front wheel-drive assembly at the front and the trailing-arm, independent suspension units at the rear. Each sub-frame requires only four bolts to secure it to the all-steel, integral-constructed body.

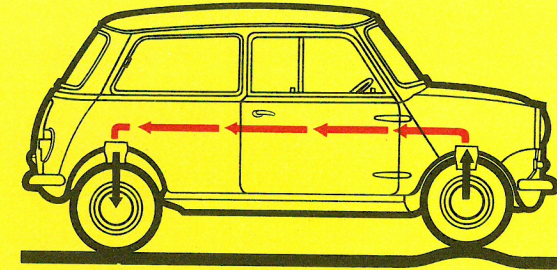
The maintenance-free Hydrolastic front and rear suspension, maintains with even greater comfort the grip-tight, hug-the-corner sort of motoring for which the Austin Mini has become so well known throughout the world.

THE PRINCIPLE OF HYDROLASTIC SUSPENSION

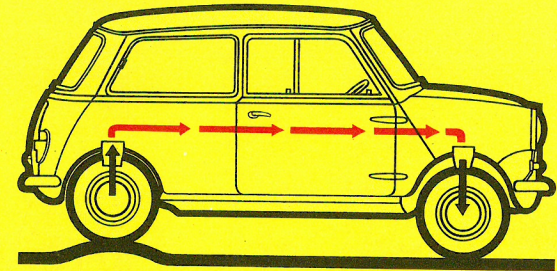
The outstanding feature is its sheer simplicity of operation. The front and rear Hydrolastic displacers on each side of the car are interconnected by a small bore pipe. The system is hermetically sealed and therefore never needs any further attention during the normal working life of the car. Each displacer incorporates a 'rubber spring' and damping of the system is achieved by rubber valves so that when a road wheel is deflected, fluid is displaced to the corresponding suspension unit. In turn it is raised in anticipation of its wheel encountering the cause of its counterpart's deflection. The rubber springs are only slightly brought into play and the car is freed from any tendency to pitch although full play is given to wheel movement, producing a soft ride.

When front and rear wheels encounter a simultaneous deflection the fluid suspension stiffens in response to the upward motion and while acting as a damping medium transfers the load to the rubber springs giving a controlled, vertical but level motion to the car.

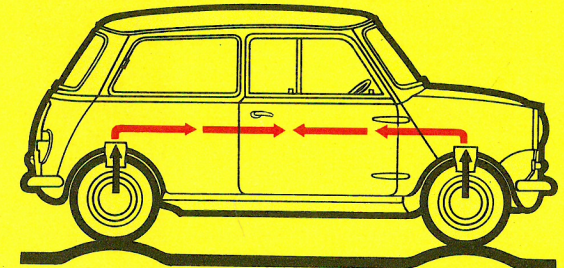
The restriction of the fluid flow, imposed by the small bore piping, rises with the speed of the car. The ride is therefore steadied at high speeds and softened at low speeds — a most satisfying condition hitherto only achieved by complex and costly means.



Tail rises in response to upward motion of front wheels, eliminating pitch.



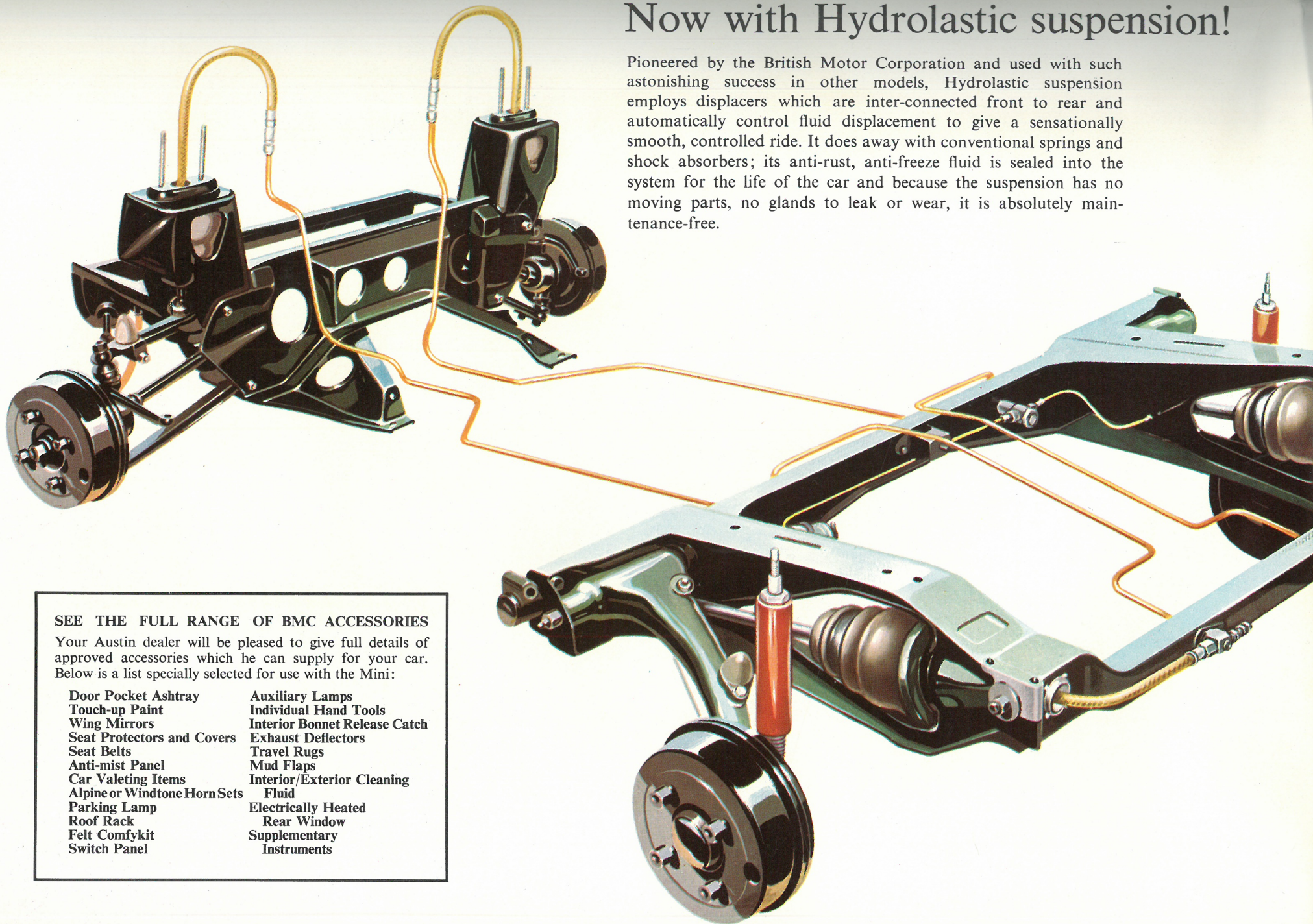
Nose rises in response to upward motion of rear wheels — no pitch!



Suspension stiffens in response to upward motion of front and rear wheels, giving controlled, level, vertical movement.

Now with Hydrolastic suspension!

Pioneered by the British Motor Corporation and used with such astonishing success in other models, Hydrolastic suspension employs displacers which are inter-connected front to rear and automatically control fluid displacement to give a sensationally smooth, controlled ride. It does away with conventional springs and shock absorbers; its anti-rust, anti-freeze fluid is sealed into the system for the life of the car and because the suspension has no moving parts, no glands to leak or wear, it is absolutely maintenance-free.



SEE THE FULL RANGE OF BMC ACCESSORIES

Your Austin dealer will be pleased to give full details of approved accessories which he can supply for your car. Below is a list specially selected for use with the Mini:

- | | |
|------------------------------|-------------------------------|
| Door Pocket Ashtray | Auxiliary Lamps |
| Touch-up Paint | Individual Hand Tools |
| Wing Mirrors | Interior Bonnet Release Catch |
| Seat Protectors and Covers | Exhaust Deflectors |
| Seat Belts | Travel Rugs |
| Anti-mist Panel | Mud Flaps |
| Car Valeting Items | Interior/Exterior Cleaning |
| Alpine or Windtone Horn Sets | Fluid |
| Parking Lamp | Electrically Heated |
| Roof Rack | Rear Window |
| Felt Comfykit | Supplementary |
| Switch Panel | Instruments |

You will be astounded at the amount of luggage that can be carried in the Mini!
5½ cubic feet (0.16m³) of space in the luggage boot is augmented by a drop-down lid that serves as an additional carrying platform. For this purpose and as a legal requirement, the number plate, with its illuminating lamp, has been hinged to the lid so that it hangs vertically and remains visible when the boot is open. The boot is lockable and also carries the spare wheel, which is covered by a vinyl-coated felt mat on the De Luxe Saloon.



n the Mini!
 nented by a
 his purpose
 g lamp, has
 en the boot
 el, which is
 use Saloon.

ASK TO SEE ALL THE EXCITING MINIS!

Make sure you know all about the other Austin Minis in the range. Your Austin dealer can supply full details of the amazingly spacious Countryman — the Mini with the dual personality, or the world-beating Mini-Coopers with high-performance 998 c.c. and 'S' type 970 c.c. or 1275 c.c. power units.



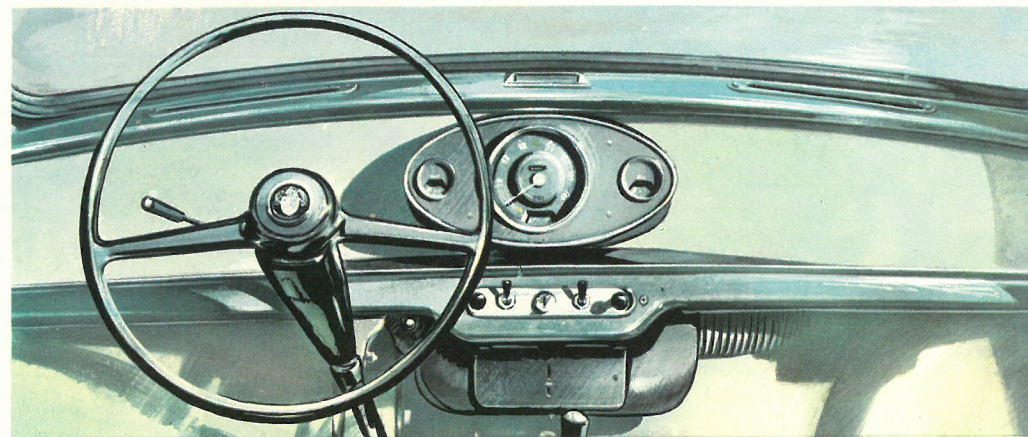
BMC World's largest Producers of
 Front-Wheel-Powered
 Vehicles. Over a Million Sold

EXPORT AVAILABILITY



TO EQUIP the Mini for the markets of the world, certain variations from the standard specification are available. For this reason heater units are NOT considered standard equipment and the following alternatives can be supplied at no extra charge:

- Right- or left-hand steering
 - M.p.h. or km.p.h. Speedometer
 - Lighting and Flasher equipment as required
 - Rubber Mats or Carpets on De Luxe Saloon
- The following items are available at extra cost:
- Heater
 - Radio
 - Laminated Windscreen
 - Adjustable Passenger Seat (on Export Saloon only)



IN ADDITION to the two models, detailed on the specification page of this brochure, a special Export Saloon is also available equipped as follows:

- Fixed Passenger Seat
- Rubber Mats front and rear
- Two Sun Visors
- Hinged Quarter Lights
- Bright Plastic Windscreen and Backlight Finishers
- Stainless Window Surrounds and Sill Finishers
- Chromed Filler Cap and Number Plate Lamp
- Wheel Embellishers
- Chromed Bumpers with Overrides
- and Tubular Extensions front and rear
- Circular Instrument Nacelle

