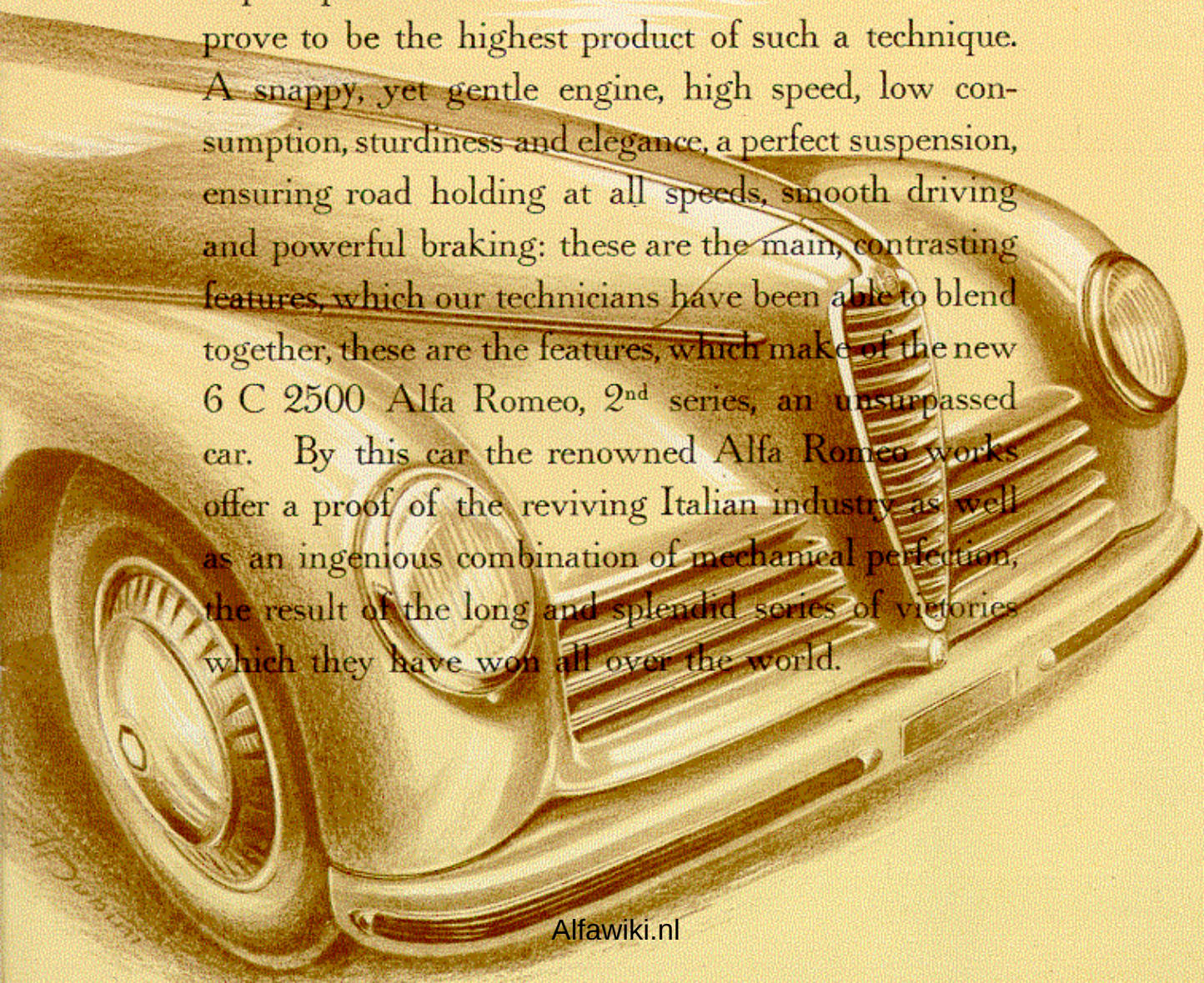




alfa romeo

*The new
6C 2500
2nd serie
Sport and
Super Sport type*

The roar of the destroying war has just ceased from the skies but down on the earth a new roar is rising, this is a song of revival and announces that peaceful men are at work again. The works, which still bear the war scars, are already teeming with new life, and the new Alfa Romeos are fanning out towards the roads of the world, which again will be paved with their victories. Every trial is a hard test for new formulas, through which the most modern technique proves its superiority. The Sports and Super-Sports models of the latest Alfa Romeo will prove to be the highest product of such a technique. A snappy, yet gentle engine, high speed, low consumption, sturdiness and elegance, a perfect suspension, ensuring road holding at all speeds, smooth driving and powerful braking: these are the main, contrasting features, which our technicians have been able to blend together, these are the features, which make of the new 6 C 2500 Alfa Romeo, 2nd series, an unsurpassed car. By this car the renowned Alfa Romeo works offer a proof of the reviving Italian industry as well as an ingenious combination of mechanical perfection, the result of the long and splendid series of victories which they have won all over the world.



Chronical of successes

1924

EUROPE GRAND PRIX - Lyons (France)
GRAN PREMIO D'ITALIA - Monza

1925

EUROPE GRAND PRIX - Spa (Belgium)
GRAN PREMIO D'ITALIA - Monza
1st CHAMPIONSHIP OF THE WORLD
WORLD ROAD SPEED RECORD Cremona (Italy)

1928

24 HOURS GRAND PRIX - Spa (Belgium)
ESSEX CUP 6 HOURS - Brooklands
COPPA DELLE 1000 MIGLIA
COPPA ACERBO

1929

BELGIUM GRAND PRIX
IRISH GRAND PRIX
S. SEBASTIAN GRAND PRIX
TUNIS GRAND PRIX
GRAN PREMIO DI ROMA
GRAN PREMIO DI MONZA
BROOKLANDS 24 HOURS
ULSTER TOURIST TROPHY
COPPA DELLE 1000 MIGLIA

1930

BELGIUM GRAND PRIX - 24 HOURS - Spa
ULSTER TOURIST TROPHY
COPPA DELLE 1000 MIGLIA
TARGA FLORIO

1931

GRAN PREMIO D'ITALIA
IRISH GRAND PRIX
24 HOURS - LE MANS
RAID PARIS NICE
1000 MILES RECORD - MONTLHERY
TARGA FLORIO
COPPA ACERBO

1932

GRAN PREMIO D'ITALIA
FRANCE GRAND PRIX
GERMANY GRAND PRIX
GRAN PREMIO DI MONZA
COPPA ACERBO

1933

GRAN PREMIO D'ITALIA
SPAIN GRAND PRIX
COPPA ACERBO
MASARYK CUP

1934

GRAN PREMIO DI TRIPOLI
PENYA RHINE GRAND PRIX
FRANCE GRAND PRIX
TARGA FLORIO

1935

GERMANY GRAND PRIX
TARGA FLORIO

1936

PENYA RHINE GRAND PRIX
HONGRY GRAND PRIX
GRAN PREMIO DI MILANO
BELGIUM GRAND PRIX
COPPA DELLE 1000 MIGLIA
VANDERBILT CUP (U. S. A.)

1937

COPPA DELLE 1000 MIGLIA
CIRCUITO DI TORINO
CIRCUITO DI MILANO

1938

GRAN PREMIO DI MILANO
BELGIUM GRAND PRIX
COPPA DELLE 1000 MIGLIA

1939

ANTWERP GRAND PRIX
COPPA ACERBO

1940

GRAN PREMIO DI TRIPOLI

1946

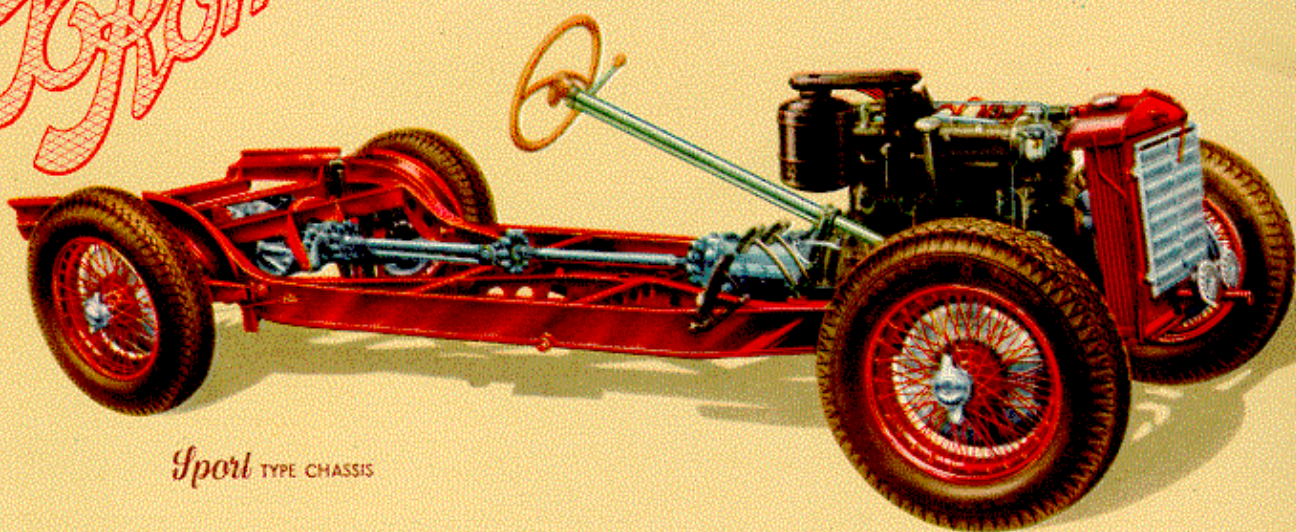
INTERNATIONAL GRAND PRIX - Genève
CIRCUITO DI TORINO
CIRCUITO DI MILANO

1947

SWITZERLAND GRAND PRIX - Berna
EUROPE GRAND PRIX - Spa (Belgium)
GRAN PREMIO D'ITALIA
COPPA DELLE 1000 MIGLIA



Alfa Romeo



Sport TYPE CHASSIS

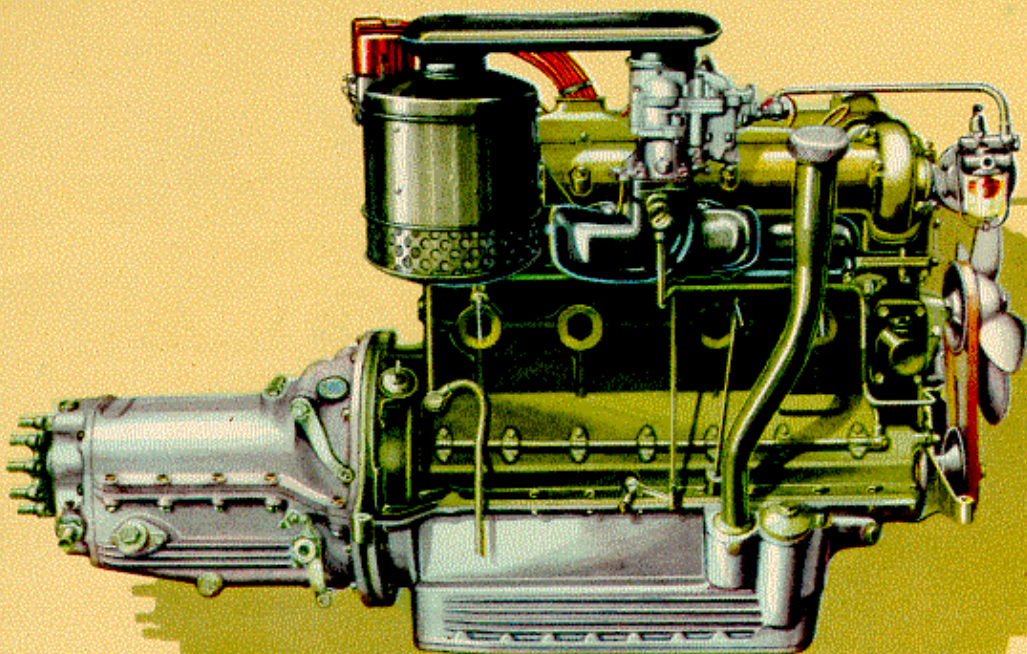
6C 2500, 2nd series chassis

Sports and Super Sports models

Two different solutions have been considered for this chassis: the Sports Model, suitable as a touring car, and which has a roomy and comfortable body (3 front — and 2 rear seats) without losing its brilliant, sporting-car appearance; and the Super-Sports Model, with a higher-powered engine and a shorter wheel-base, suitable for a 2-3 seater sporting-car, owing to its outstanding speed, acceleration and ease of control.

SPORTS MODEL CHASSIS: The engine, which is based on the now classical « Alfa Romeo » formula, tested by an endless record of victories in racing-contests, is a 2443 cc. 6 cylinders; at maximum r.p.m. — 4600 r.p.m. — it will yield 90 BHP. Its compression ratio is 7 : 1. The cylinder-block and the crankcase are a one-piece, special cast-iron casting, whereas the cylinder head is of light-alloy, with hemispherical combustion chambers. The crankshaft assembly is dynamically balanced and supported by 7 bearings; the crankshaft, as well as the connecting rods and the pistons, has been carefully designed to eliminate vibration even at high rotational speeds. The valves are arranged in V form, and are directly (without rockers) operated by 2 over head-cam shafts; the two cam shafts are coupled by means of helical gearing driven by the crankshaft through a silent chain with automatic tensioner. Oil pressure is provided by a gear pump which supplies filtered oil from the finned sump. Optimum cooling temperatures are ensured by a centrifugal pump, radiator and fan, the shutter of which is thermostatically controlled. A mechanically driven diaphragm pump feeds the fuel from the rear tank to the carburettor, which is of the downdraught, double-body type with accelerating pump, starting device and filter. Ignition is by coil, with automatic advance and additional hand regulation.

The power transmission from engine to wheels is by single-disc, elastic-hub, dry-plate clutch; gear box is in one piece with engine block, the gear lever is mounted on the steering-wheel column, just under the steering-wheel; the gear box has 4 forwards and 1 reverse gear, coupling is synchromesh, 2nd and 3rd are constant-meshing gears, whereas 4th gear is direct drive; transmission shaft is of the non-floating, two-sections type, with three joints and centre flexible bearing; the differential casing is in one piece with the chassis, with floating half axles.



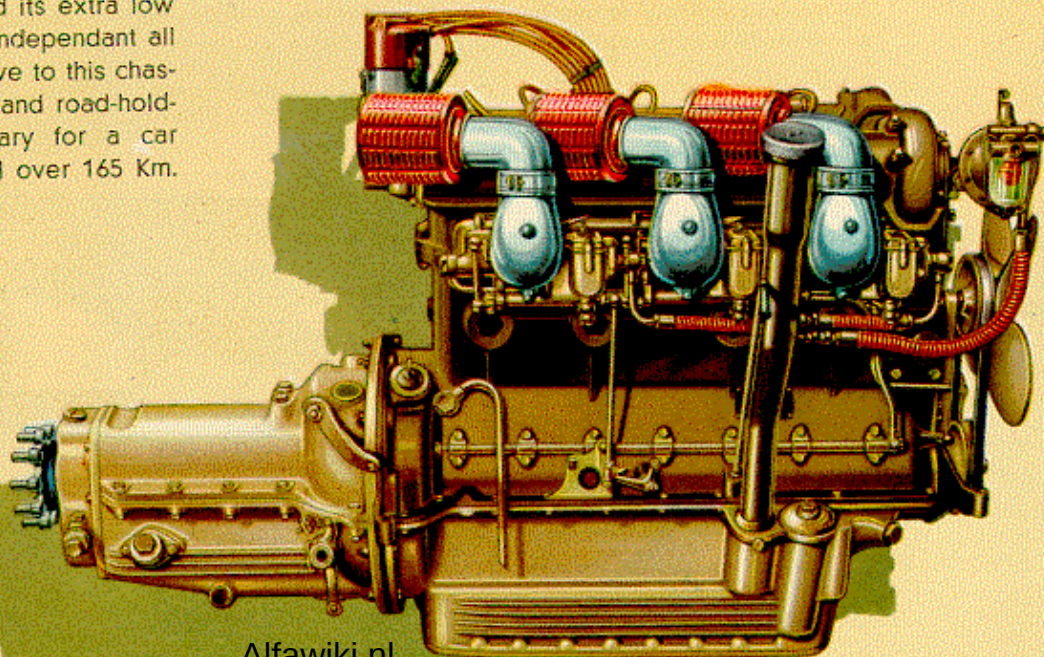
Sport TYPE ENGINE

The chassis is a one-piece, electric-welded, sheet-steel structure of box form. The front wheels have independent suspension, and coil spring enclosed with hydraulic shock-absorbers; wheel base is 3 mt, steering radius is 5 mt. The « Rudge » type, wheels are for 6,00 X 18 tyres. Hydraulic, 4-wheel brakes, with braking stress reacting on pedal, are of high efficiency due to large diameter brake drums. There is also a mechanical, hand-operated brake on rear wheels.

Sports model maximum speed is about 155 Km.p.h. (96 MPH).

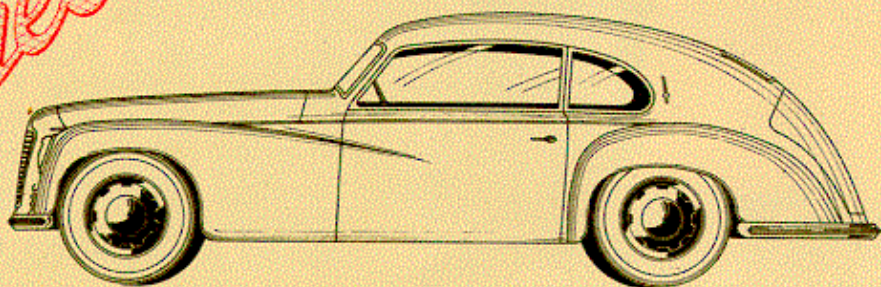
SUPER-SPORTS MODEL CHASSIS: Although its engine has the same swept volume and form as the Sports Model, it develops a higher power (105 BHP at maximum 4800 r.p.m.) thanks to the higher compression ratio (7.5-1) and better volumetric efficiency on account of the specially-designed induction system, which is kept short, and connects the three horizontal, single-body carburettors, which are provided with accelerating pumps, starting device and filters. The wheel base being only 2.70 mtrs, the steering radius is 4.60 mt.

The lower ratio between wheel base and chassis width, and its extra low center of gravity, its independant all wheels suspension, give to this chassis excellent stability and road-holding qualities, necessary for a car which can speed well over 165 Km. p.h. (102-103 MPH).



Super Sport
TYPE ENGINE

Alfa Romeo



The Alfa Romeo saloon on 6C 2500, Sports chassis, 2nd series

The «Golden Arrow» Alfa Romeo combines all the brilliant features of a sporting car together with the comfort of a car for practical and touring purposes. It is not a compromise between technique and comfort, but it is rather an intimate and thorough blending of these requirements, thanks to the excellent qualities of its roomy and comfortable body, its streamlined shape, maximum light and free visibility.

Its lightness and sturdiness is due to its all-metal frame of sheet steel with partial light-alloy lining.

The gear lever is placed beneath the steering wheel, on the steering column, whilst the maximum seat width available has been utilized to the utmost, so as to allow front- and 2-3 rear-seats, for which easy entrance is provided by two wide doors.

In the back a large compartment is built, the lock of which is operated from the inside of the car, the spare wheel is carried here, and is fixed by means of a new, horizontally-sliding and easy to operate device; a steel tube rack to support luggage is above the spare wheel.

Air conditioning in summertime is provided by means of two dynamic air intakes arranged in front of the vehicle.

Two built-in jacks mounted near the doors allow the car to be lifted by an easy operation.

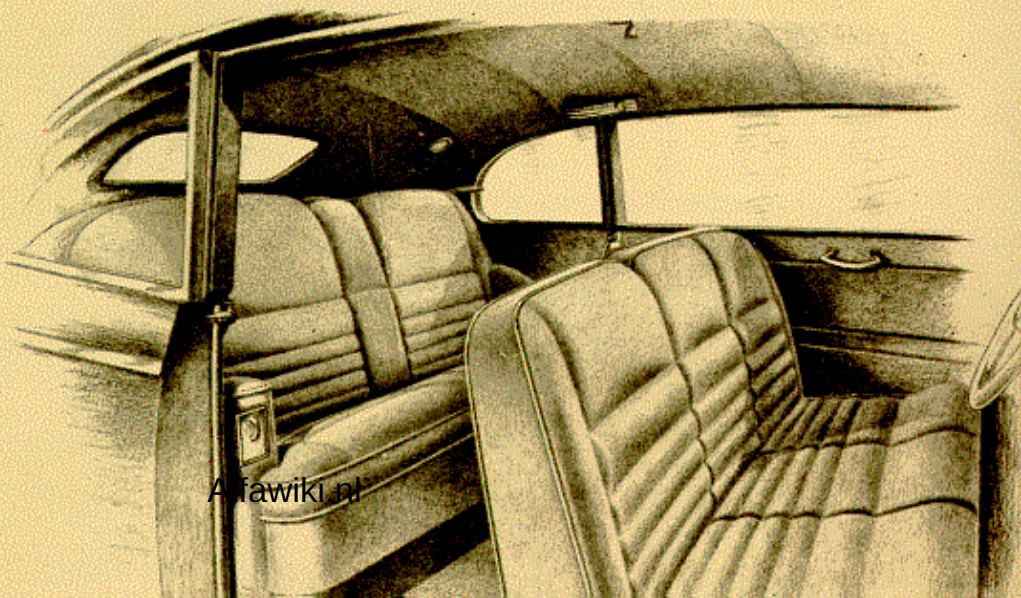
The inside upholstery is of cloth or special velvet; the dashboard, in the center part of which a radio-set can be installed, has a smart and artistic shape; dashboard control knobs are of plexiglass or ivory. All windows are of hardened safety glass.

Bumpers are fixed on the chassis and independent from the body; they are very strong and shaped so as not to be too conspicuous, but rather to match the body lines looking like a part of the body itself.

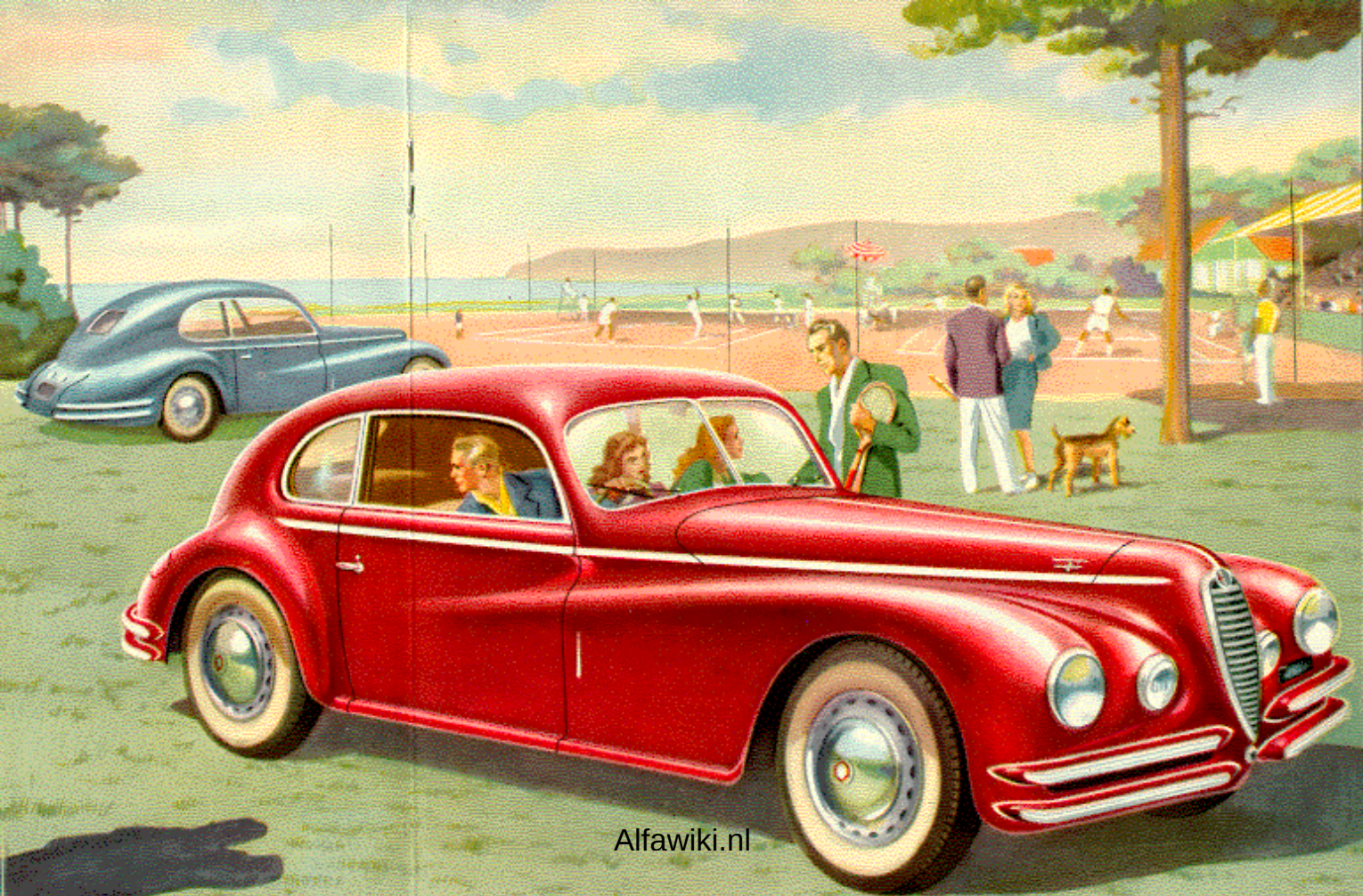
The carefully finished, de-luxe body includes all standard accessories: twin windshield-wipers, rear-vision mirror, ashtrays, sun-shades, snap-fobs, direction indicators.

Both interior and body colors can be chosen according to the personal taste of the Customer.

THE ROOMY AND CLEAR
INTERIOR OF THE CAR

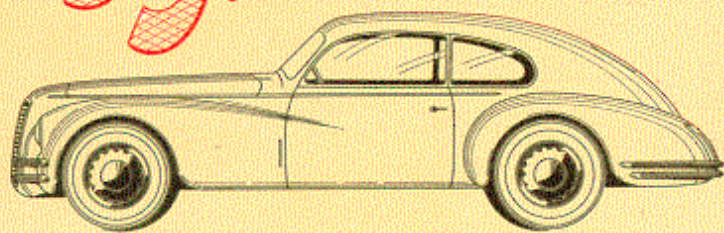






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Alfa Romeo



The saloon on 6 C 2500, Sports chassis, 2nd series

The Saloon on Alfa Romeo Sports Chassis is a streamlined, slim and elegant car for speedy touring.

It has been engineered so as to give it outstanding sporting features without making it less suitable for everyday use; as a matter of fact, it has 5 comfortable seats, 3 of them in front and 2 in the rear.

Its extra-light, all-metal body is of steel tube and steel section members, with aluminium-sheet panels.

Its sufficient wide side door, with disappearing windows allows easy entrance to the car.

The luggage compartment is in the boot, where also the spare wheel is carried. Standard upholstery is of velvet cloth, but leather upholstery is optional.

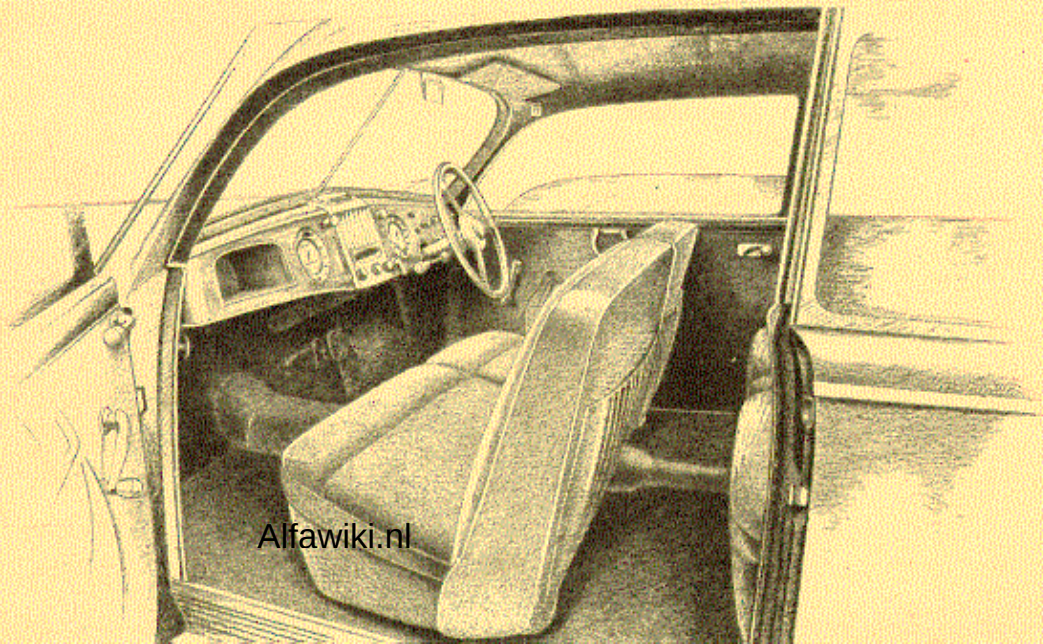
The dashboard instrument panel is plexiglass with polished bezel and ivorite control knobs to match the door handles. In the center a radio-set can be installed.

All windows are of toughened safety glass, except the back and side-back ones.

The carefully-finished body is complete with the standard accessories.

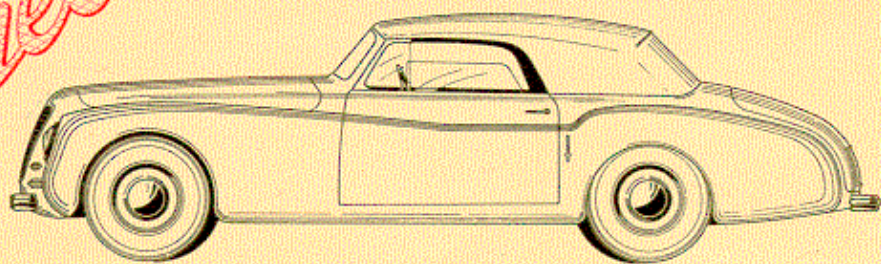
Both interior and outer colors can be supplied with a wide range of shades.

FRONT SEAT FOR THREE PASSENGER



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Alfa Romeo



The cabriolet on C 2500, Sports chassis, 2nd series

The Cabriolet on Alfa Romeo Sports Chassis is the car especially engineered for touring. It offers complete visibility and can also be completely opened, thus allowing you to enjoy the full view of our wonderful mountain scenery, lakes and seashores.

It has an all-metal, streamlined body of sheet steel with light-alloy panelling.

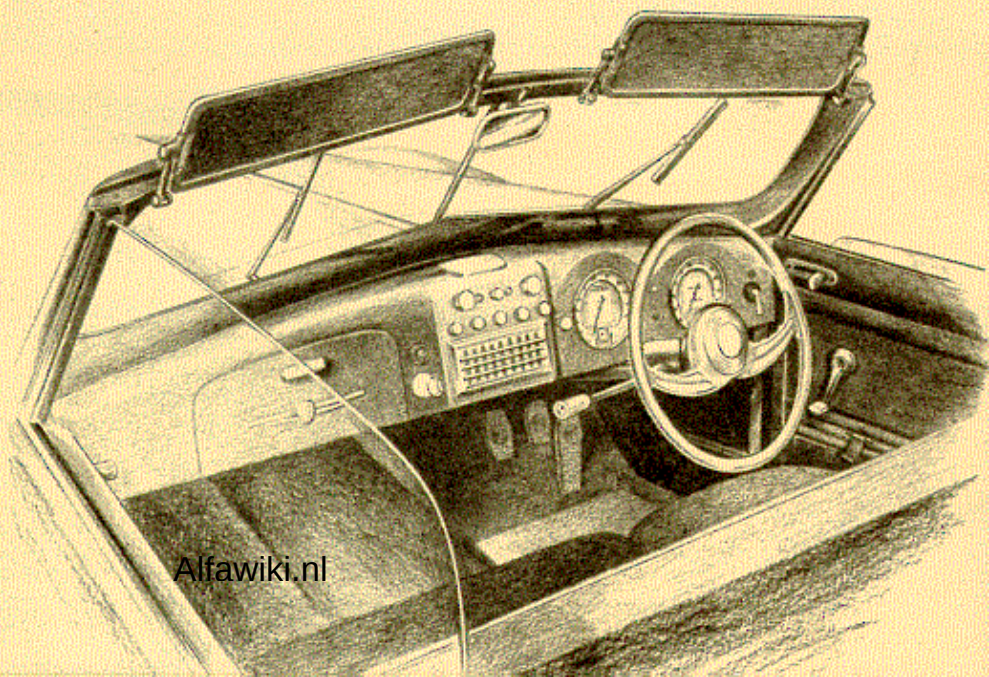
Its waterproofed-fabric hood can be opened and closed with a quick and simple operation, whereas its airtight finish prevents water and dust from entering. The three front-seats consist of one two-seat cushion, and a single one for the driver. Seat backs hinge forward to allow access to rear-seats. The two wide doors have safety glass which wind down into the door sashes. At the rear end there is a large luggage-compartment, also containing the spare wheel.

The interior is carefully finished, in a style in keeping with this high class car. Leather upholstery, chromium-plated accessories, plexiglass or ivorite dashboard control knobs; the dashboard also has room for a radio-set.

The steering-wheel can be of the leather or bakelite-covered, sprung type.

The car is also provided with electric windshield-wipers, rear-vision mirror, sun-shades, ashtrays, direction indicators and bumpers independent from the body.

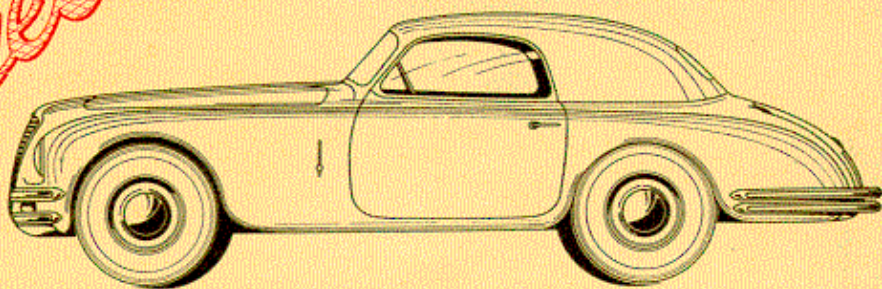
The external finish, hood and upholstery colours can be chosen from a wide range.



THE RATIONAL ARRANGEMENT
OF THE STEERING WHEEL



Alfa Romeo



The coupé on 6 C 2500, Super Sports chassis, 2nd series

Alfa Romeo submits to your attention this successful design, where the contrasting requirements of high speed and utmost comfort are happily combined.

It is a typical sporting car, with extra light, 3 seats, all metal body of steel members and aluminium panels, according to the most modern constructional methods.

Behind the seats large space is provided for baggage required on long trips.

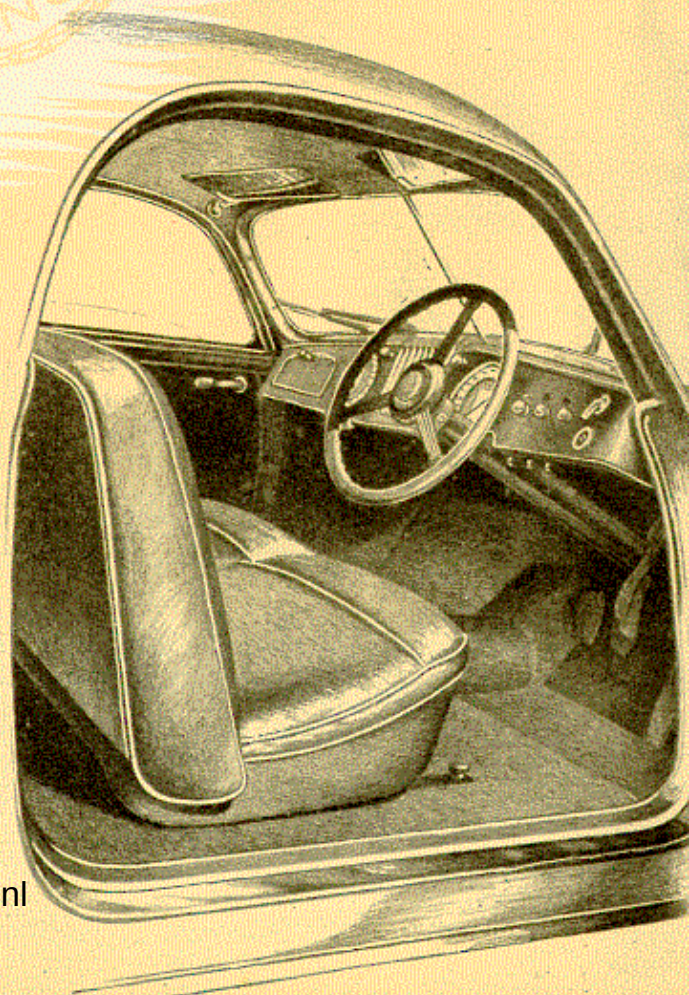
Its elegant, artistically-shaped body can be finished in the colors, which the Customer may choose from the wide range of first-class paints.

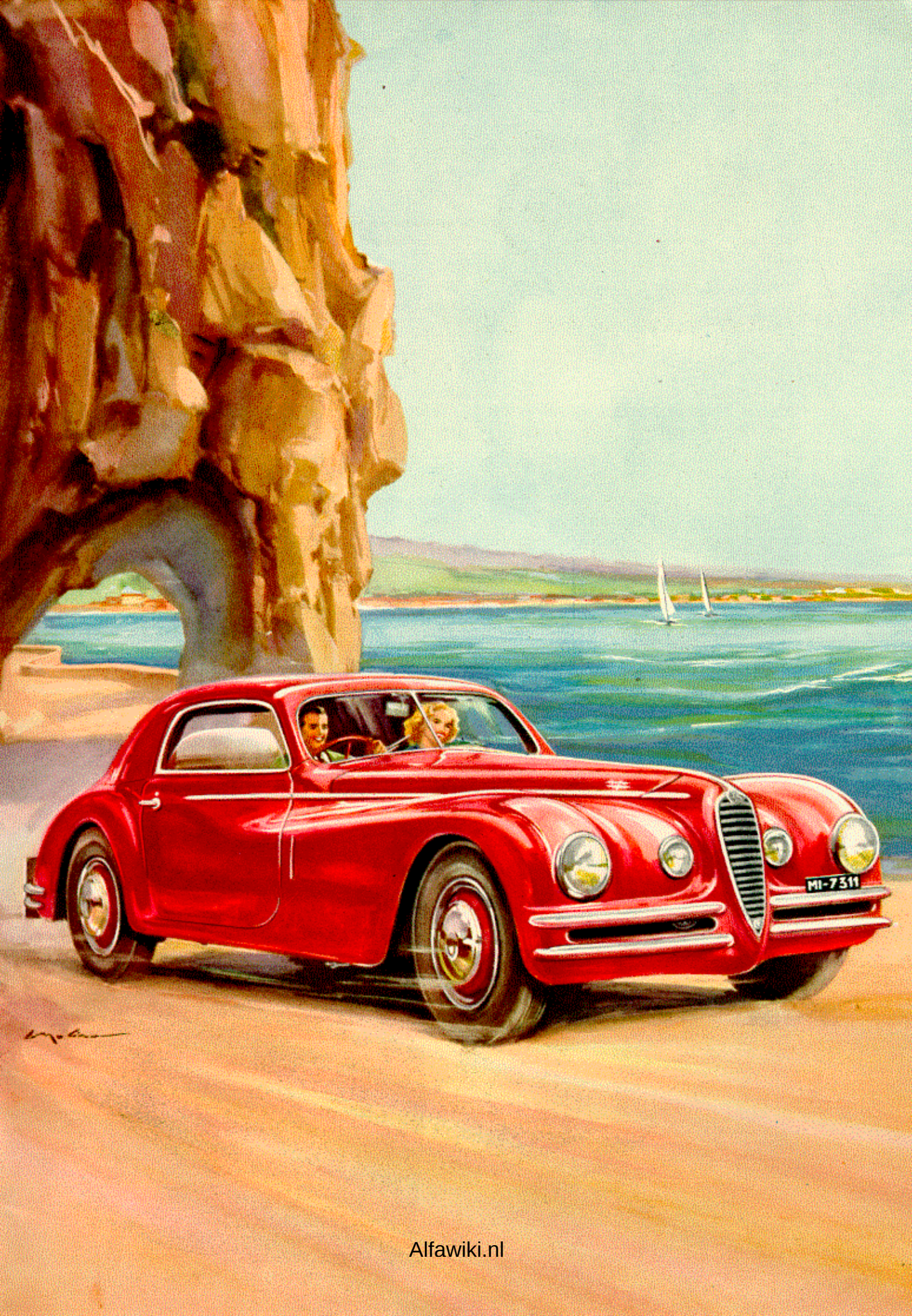
It is the car for the sports-minded Customer who likes to go on long runs, reaching high speeds, without loss of comfort, and means to use the same car for everyday city use.

It is really a most versatile car, as it is suitable for a wide variety of uses, it can be used to reach skiing resorts in wintertime, or to take an elegant Lady to the theatre, or to go on leisurely tours through the most beautiful and fashionable regions in summertime.

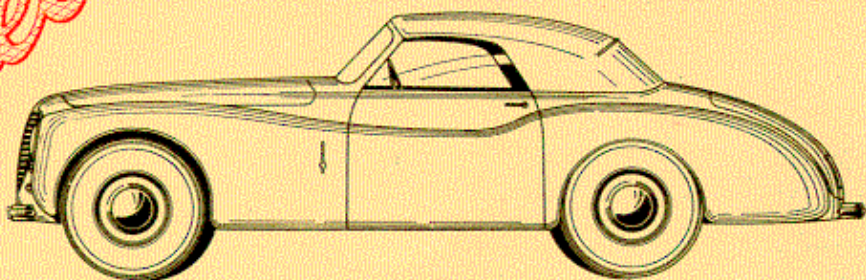
This is also the car which has all the qualities required by the Customers who enjoy driving themselves in a snappy, swift and beautiful car.

GREAT ACCESSIBILITY AND COMFORT





Alfa Romeo



The cabriolet on 6 C 2500, Super Sports chassis, 2nd series

This car is especially engineered to suit our sports-minded Customers, who like to go on long runs and reach high average-speeds with the maximum comfort allowed by modern technique.

Its uninterrupted view, a feature which is typical of open cars, is a considerable help in attaining the high speeds possible with this chassis.

Its perfect road-holding qualities, powerful brakes, and smooth driving give the sportsman all the pleasure exhilaration and satisfaction he requires from a high-speed car in competitions.

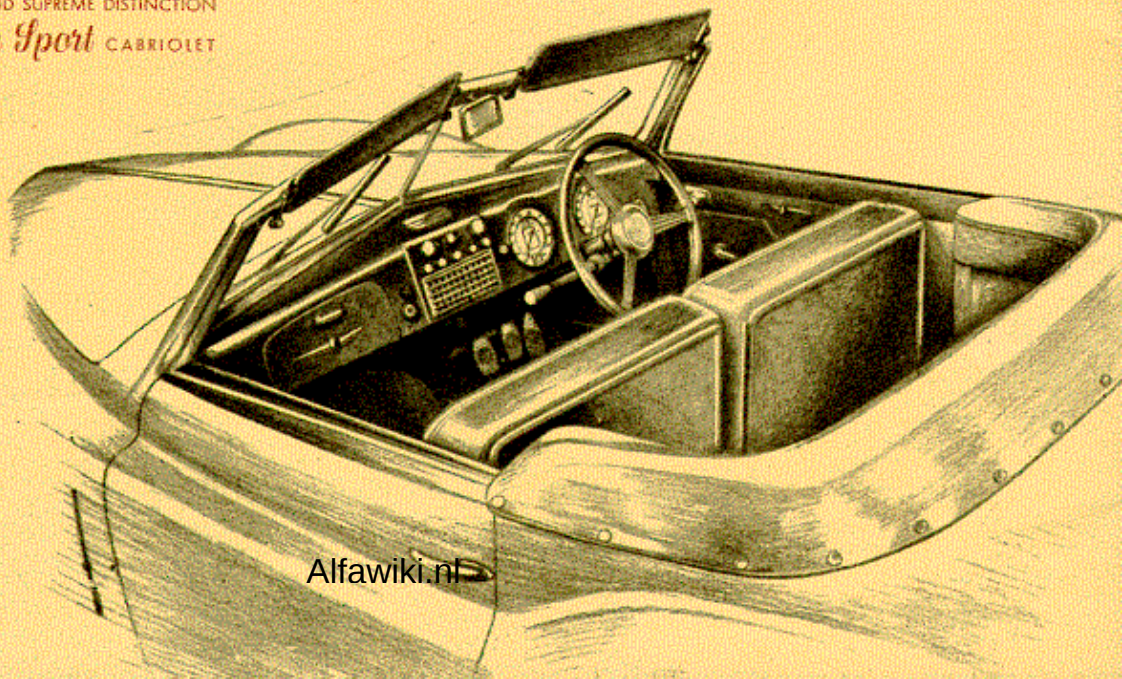
These really outstanding features are tastefully combined in an artistic, streamlined, elegant shape, which the Customer can complete with his own personal touch by choosing the color of body and upholstery among the ones available, ranging from the soberest to the most bold shades.

In rainy or cold weather, the watertight fitting hood ensures perfect shelter, and the car is transformed into a comfortable saloon car.

Behind the seats a wide luggage-compartment is built to hold any baggage needed for long trips.

The finish is meant to provide the Customer with all the comfort he needs without overcrowding the interior with useless details, and with the object of giving all parts their simplest form and most elegant appearance.

THE SMARTNESS AND SUPREME DISTINCTION
OF THE *Super Sport* CABRIOLET





Alfa Romeo

The coupé on Alfa Romeo 6 C 2500 Super Sport 2nd Series chassis

The Alfa Romeo coy introduces this successful design, where the requirements of high speed and utmost comfort are happily combined.

This is a typical sporting car, with extra light, 3 seats, all metal streamlined body, with steel frame members and aluminium panels, according to the most modern manufacturing methods.

Behind the seats a large space is provided for the baggage, required on long trips.

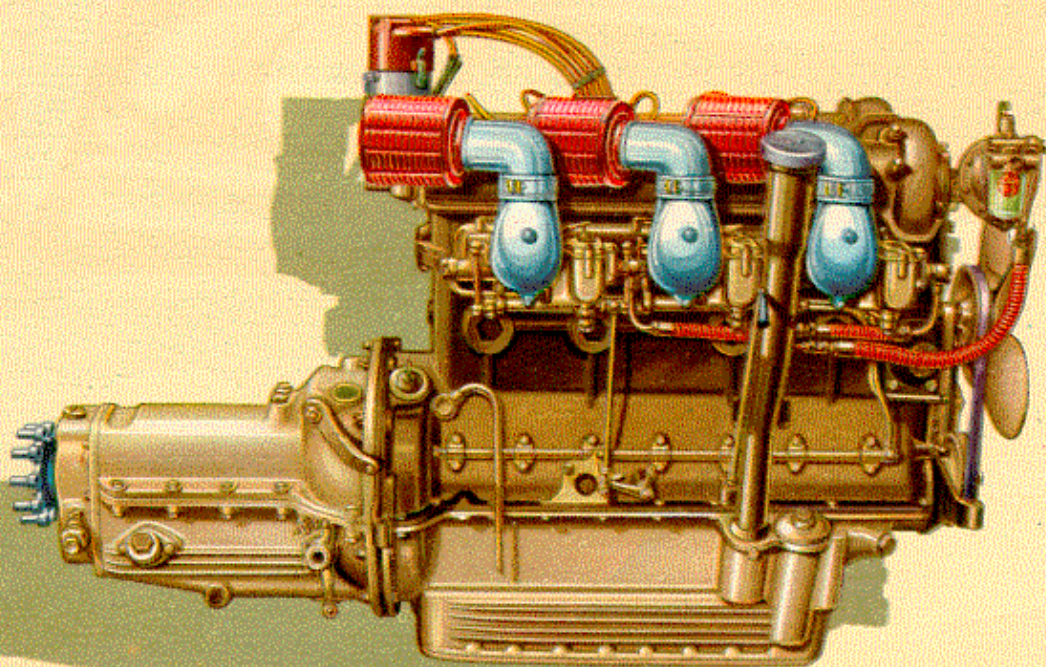
Its elegant and smooth outline is further improved by a wide range of first class colours according to the customer's choice.

This car is fit for the sportsman who wishes to use it on long trips with the maximum comfort and for normal city use also.

Its perfect road-holding qualities, the powerful brakes and light steering, give the sportsman the satisfactions he desires from a high speed car.

The 6 cylinder in line engine, based on the same manufacturing formula designed for racing cars, has a total swept volume of 2443 c.c. and an output of 105 BHP at maximum r.p.m. (4800). The valves are directly operated by two over-head camshafts and the combustion chambers are of hemispherical shape. An especially designed fuel system comprises 3 horizontal carburettors equipped with acceleration pumps. The wheel base of only 2,70 mtrs. allows a 4,60 mtrs. radius turning circle. Syncromesh gearbox, silent 2nd and 3rd gears, gear lever on the steering column.

The low wheel-base/track ratio, the extra low center of gravity and the independent suspensions (by helicoidal springs housed in low pressure hydraulic shock-absorbers on the front and by tension bars and hydraulic shock-absorbers on the rear) give to this chassis excellent stability and road holding qualites as required for a car of extremely rapid acceleration and which can easily exceed the 103 M.P.H. (165 Km. p.h.).



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SEP 23 1949

Alfa Romeo

The cabriolet on 6 C 2500 2nd Series Super Sports chassis

This car is especially designed for our sporting customers who specialise in long runs at a high speed and with the maximum comfort the modern technique allows.

The all round visibility, which is a feature of open cars, assists in attaining the high speeds the vehicle is capable of. Its perfect road holding qualities, the powerful brakes and light steering, give the sportsman all the satisfactions he desires from a high-speed car.

These features are tastefully combined in a smooth, streamlined, and elegant shape which may be completed to the customers personal taste in choosing the color scheme and upholstery; colours ranging from the most sober to the boldest shades.

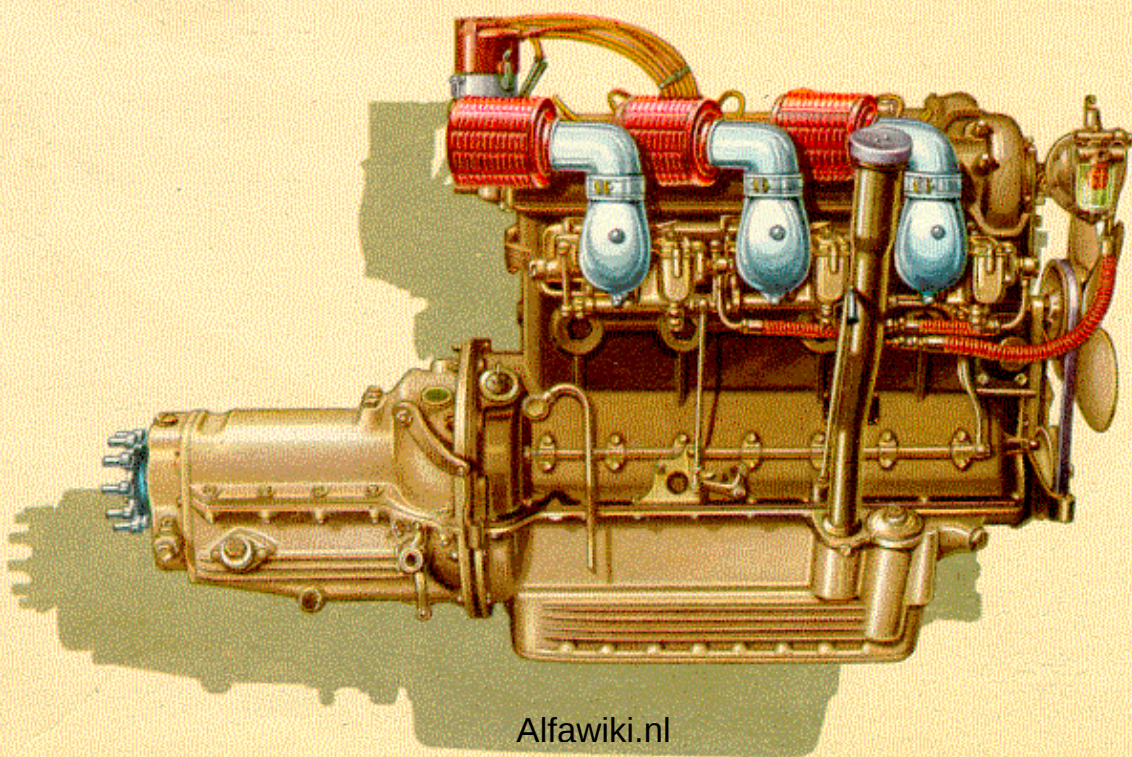
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The fuel system was especially designed and comprises 3 horizontal carburetors equipped with acceleration pumps.

The wheel base of only 2,70 mtrs. allows a 4,60 mtrs. radius turning circle.

The low wheel-base/track ratio, the extra low center of gravity and the independent suspension (by helicoidal springs housed in low pressure hydraulic shock-absorbers on the front; and by torsion-bar and hydraulic shock absorbers on the rear ones) give to this chassis excellent stability and road-holding qualities as required for a car of extremely rapid acceleration and which can easily exceed the 103 M.P.H. (165 Km. p.h.).



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Alfa Romeo

Main technical data of cars

LENGTH:

Sports Chassis	5/6-seats Alfa Saloon	mt.	4,885
	5-seats Saloon	»	4,920
	5-seats Cabriolet	»	5,200
Super-Sports Chassis	2-seats Coupé	mt.	4,580
	2-seats Cabriolet	»	4,500

WIDTH:

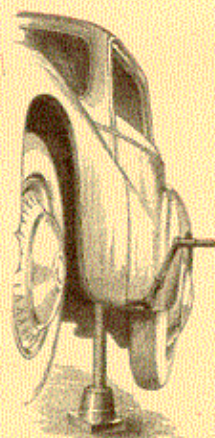
Sports Chassis	5/6-seats Alfa Saloon	mt	1,820
	5-seats Saloon	»	1,790
	5-seats Cabriolet	»	1,800
Super-Sports Chassis	2-seats Coupé	mt.	1,780
	2-seats Cabriolet	»	1,780

HEIGHT:

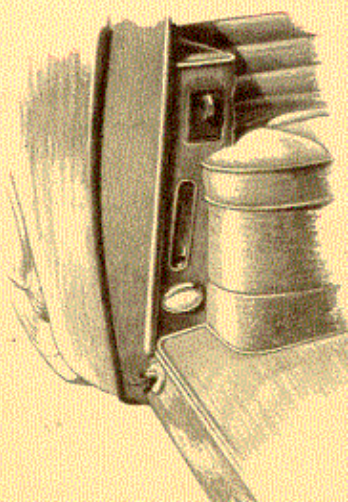
Sports Chassis	5/6-seats Alfa Saloon	mt.	1,530
	5-seats Saloon	»	1,490
	5-seats Cabriolet	»	1,500
Super-Sports Chassis	2-seats Coupé	mt.	1,500
	2-seats Cabriolet	»	1,480

WEIGHT (5 wheels with tyres - no fuel and water):

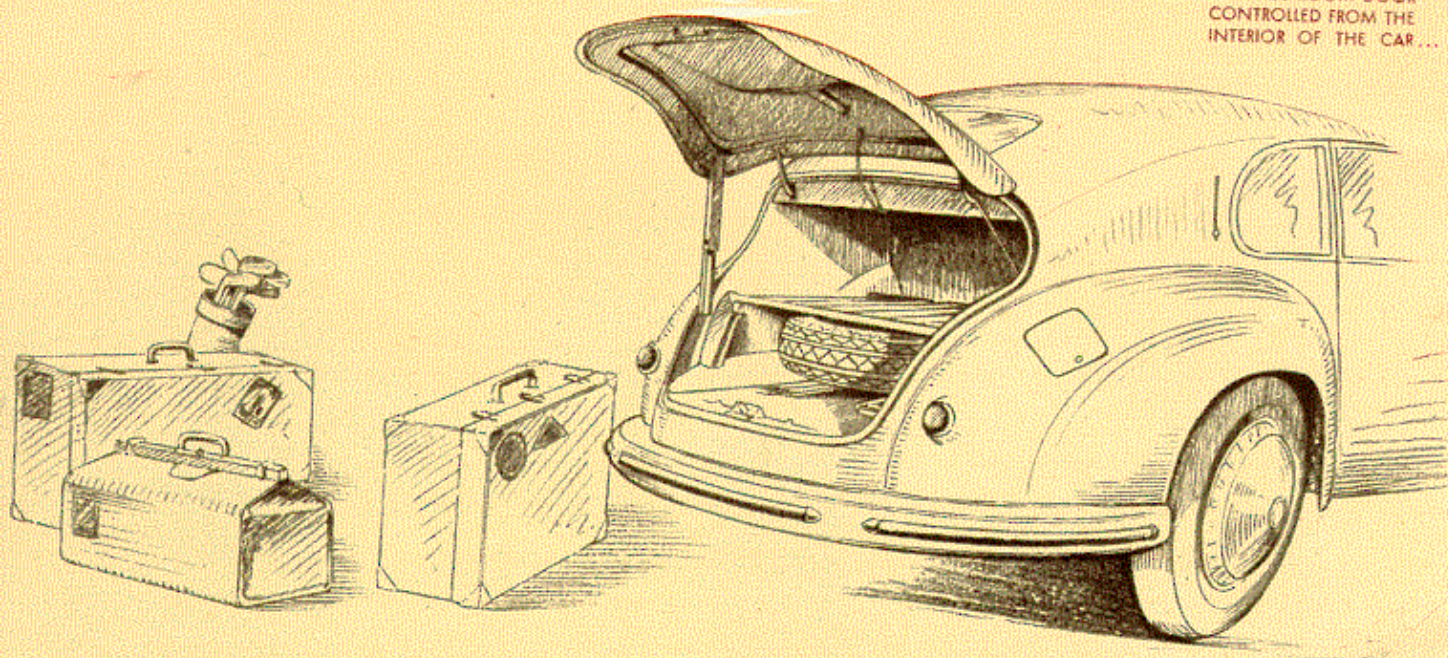
Sports Chassis	5/6-seats Alfa Saloon	Kg.	1500
	5-seats Saloon	»	1510
	5-seats Cabriolet	»	1520
Super-Sports Chassis	2-seats Coupé	Kg.	1410
	2-seats Cabriolet	»	1400



USE OF THE LIFTING JACKS...



... LUGGAGE ROOM DOOR CONTROLLED FROM THE INTERIOR OF THE CAR...



... ARRANGEMENT OF THE SPARE WHEEL ON GLIDER AT THE REAR OF THE CAR...
OF LUGGAGE ROOM IN THE "Golden Arrow", Alfa Romeo SALOON

Main technical data of chassis

	SPORTS CHASSIS	SUPER-SPORTS CHASSIS
No. of cylinders	6	6
Swept volume	2443 cc.	2443 cc.
Cyl. bore and stroke	72 X 100 mm.	72 X 100 mm.
Maximum power	90 BHP	105 BHP
R.p.m. at max. power	4600	4800
Valve operation	2 over head cam shafts	2 over head cam shafts
Cooling system	centrifugal pump	centrifugal pump
Carburettor	double-body, inverted	3, horiz., single-body
Ignition	battery and coil	battery and coil
Lubrication	gear pump	gear pump
Electric system	12V., 60 A/h battery	12-V, 45 A/h battery
Clutch	single-disc, dry	single-disc, dry
Gearbox	4 synchromesh gears, 2 nd and 3 rd being noiseless and 4 th direct drive	4 synchromesh gears, 2 nd and 3 rd being noiseless and 4 th direct drive
Rear axle	differential one-piece with frame and floating half-shafts	differential one-piece with frame and floating half-shafts
Suspension	4 independent wheels	4 independent wheels
Steering	right hand, with worm screw and wheel	right hand, with worm screw and wheel
Foot brake	hydraulic on 4 wheels	hydraulic on 4 wheels
Hand brake	mechan. on rear wheels	mechan. on rear wheels
Chassis	one-piece	one-piece
Tyres	6,00" X 18" Pirelli	6,00" X 18" Pirelli
Fuel tank capacity	80 liters (17 gals)	80 liters (17 gals)
Fuel feed	mechanical pump	mechanical pump
Fuel consumption	15/16 liters per 100 Km. (18,5 Mls per gal.)	17/18 liters per 100 Km. (16,5 Mls per gal.)
Wheel base	3 mtrs.	2,70 mtrs.
Spur	front 1,45 mt - back 1,47 mt	front 1,45 mt - back 1,47 mt
Overall chassis weight (dry) .	1075 Kg. approx.	1000 Kg. approx.
Maximum speed	155 Km.p.h. (96 M.p.h.)	165 Km.p.h. (102 M.p.h.)

All data listed in this catalog are for information only, and are "not" to be considered binding.

