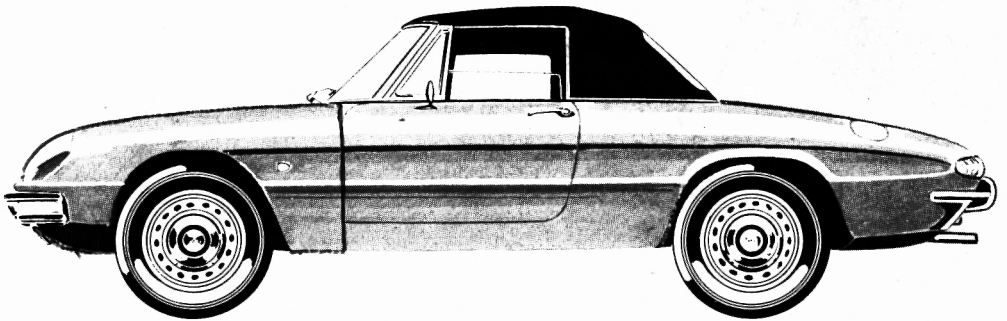




# ALFA ROMEO

# 1750 SPIDER VELOCE



This pamphlet describes the main features and the elements essential to the proper use of your car. For maintenance directions and general topics not dealt with here, refer to the **1750 Saloon Instruction Book** which this pamphlet supplements.

The data shown in this pamphlet are not binding for the Alfa Romeo which reserves the right to change them without notice.



# Specification

<b>Engine</b>	Number and layout of cylinders . . . . .	4 in line
	Bore and stroke . . . . . mm	80 x 88.5
	Total displacement . . . . . cc	1779
	Max. power at 5500 rpm . . . . . SAE HP	132

<b>Chassis</b>	Min. turning circle . . . . . mm	10,500
	Number of seats . . . . .	2
	Tyres (Michelin <b>XAS</b> - Pirelli Cinturato <b>HR</b> - Kleber Colombes <b>V10 GT</b> ) . . . . .	165 x 14
	Kerb weight (full tank) . . . . .	2292 lbs (1040 kg)

<b>Fuel consumption</b>	Per 100 km to Italian CUNA standards (full load) . . . . . abt.	(I)	(GB)	(USA)
		11.4 lt	32.2 mpg	26.8 mpg

<b>Fuel, oil and coolant</b>	<b>Cooling system:</b>			
	« Alfa Romeo Coolant Mixture » . . . . . abt.	10.2 Kg	2.2 gals	2.6 gals
	<b>Fuel</b> . . . . . »	46 lt	10.1 gals	12.1 gals
	For best engine performance the use of premium grade fuel is advised.			
	Fuel reserve . . . . . »	6 to 7 lt	1.3-1.5 gals	1.6-1.8 gals
	<b>OIL</b>			
	Engine (sump and filter)   when full * . . . »	6.00 kg	5.95 qts	7.1 qts »
	danger level . . . . . »	4.00 kg	3.95 qts	4.7 qts
	Gearbox . . . . . »	1.65 kg	3.2 pts	3.8 pts »
	Differential . . . . . »	1.25 kg	2.5 pts	3.0 pts »
Steering box . . . . . »	.25 kg	.5 pt	.6 pt »	
* This quantity is that needed for regular changing. The total amount of oil in the circuit (sump, filter and passages) is . . . . .		6.50 kg	6.5 qts	7.8 qts

**PERFORMANCE**  
(with 41 : 10 final drive)

GEAR	AFTER RUNNING IN	
	km/h	mph.
1st	47	29
2nd	77	48
3rd	114	71
4th	154	99
5th	190	118
Rev.	51	32

The maximum speeds indicated should not be exceeded or mechanical damage may result.

The performances given are related to the use of the vehicle in normal travelling conditions in Central Europe.

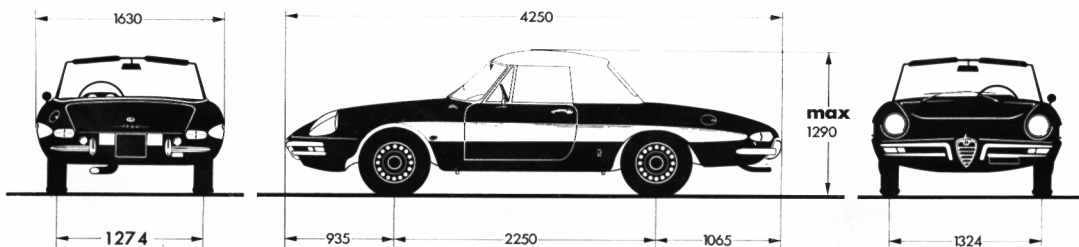
*Alfa Romeo*

# 1750 SPIDER VELOCE



dimensions in mm - overall height with unladen car

935 mm = 36.8 in.  
1065 mm = 41.9 in.  
1274 mm = 50.1 in.  
1290 mm = 50.8 in.  
1324 mm = 52.1 in.  
1630 mm = 64.2 in.  
2250 mm = 88.6 in.  
4250 mm = 167.3 in.





## Controls and instruments

## DRIVING SEAT

### Controls

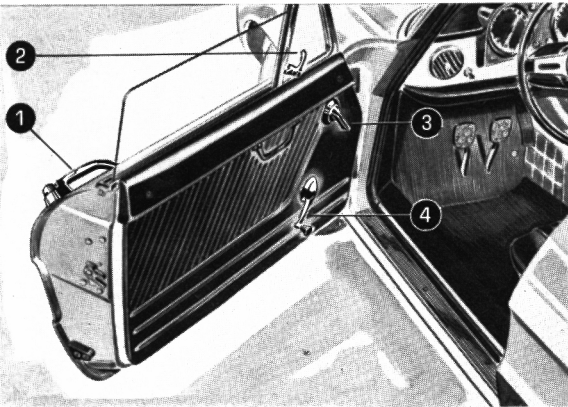
- |  |  |
|--|--|
| 1 Direction indicator switch                                     | screen wiper also comes into action  |
| 2 Headlamp, dipping & flashing switch                            | 29 Hand throttle   |
| 3 Horn control   | 30 Ignition switch & antitheft   |
| 16 Dashboard light switch (acts only when parking lights are on) | 31 Trip odometer reset   |
| 22 Windscreen wiper switch (two speed)                           | 32 Clutch  |
| 26 Choke lever   | 33 Brake   |
| 27 Bonnet catch release  | 34 Accelerator   |
| 28 Windscreen washer: when the control is pressed the wind-      | 36 Gear lever: to engage the reverse, merely shift the lever as shown from neutral |
|  | 39 Handbrake (for emergency and parking)   |

### Instruments

- |                              |   |
|------------------------------|---|
| 4 Tachometer                 | 13 Water temperature indicator                    |
| 5 Alternator warning light   | 17 External light warning                         |
| 6 Speedometer                | 18 Direction indicator warning light (left-hand)  |
| 7 Trip odometer              | 19 Low oil pressure warning                       |
| 8 Blower warning light       | 20 Direction indicator warning light (right-hand) |
| 9 Fuel reserve warning light | 21 Headlamp high beam warning light               |
| 10 Fuel level indicator      | 40 Fusebox  |
| 11 Oil pressure gauge        |   |
| 12 Main odometer             |   |

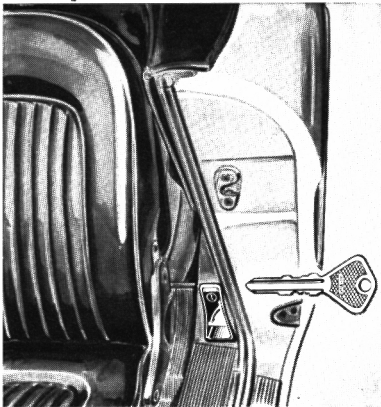
### Luxury fittings

- |                                       |   |
|---------------------------------------|---|
| 14 Air outlets (adjustable)           | 35a Ventilating air control   |
| 15 Blower switch                      | 35b Temperature control   |
| 23 Radio compartment                  | 37 Ash tray   |
| 24 Glove compartment                  | 38 Cigarette lighter: insert cigarette, press down outer edge of the lighter: this brings into operation an electric element which lights the cigarette and turns itself off after a few seconds. |
| 25 Side outlet lever                  |   |
| 35 Heating, ventilating and demisting |   |



- 1 Handle: both doors can be locked from the outside.
- 2 Ventilating window control (with a safety catch).
- 3 Lever to actuate and release the safety device.
- 4 Window regulator handle.

#### LUGGAGE BOOT



#### To open

Lift the lever situated on the door jamb on the passenger's side.  
The lock utilises the same key as the doors.  
The lid of the boot automatically remains in the open position.

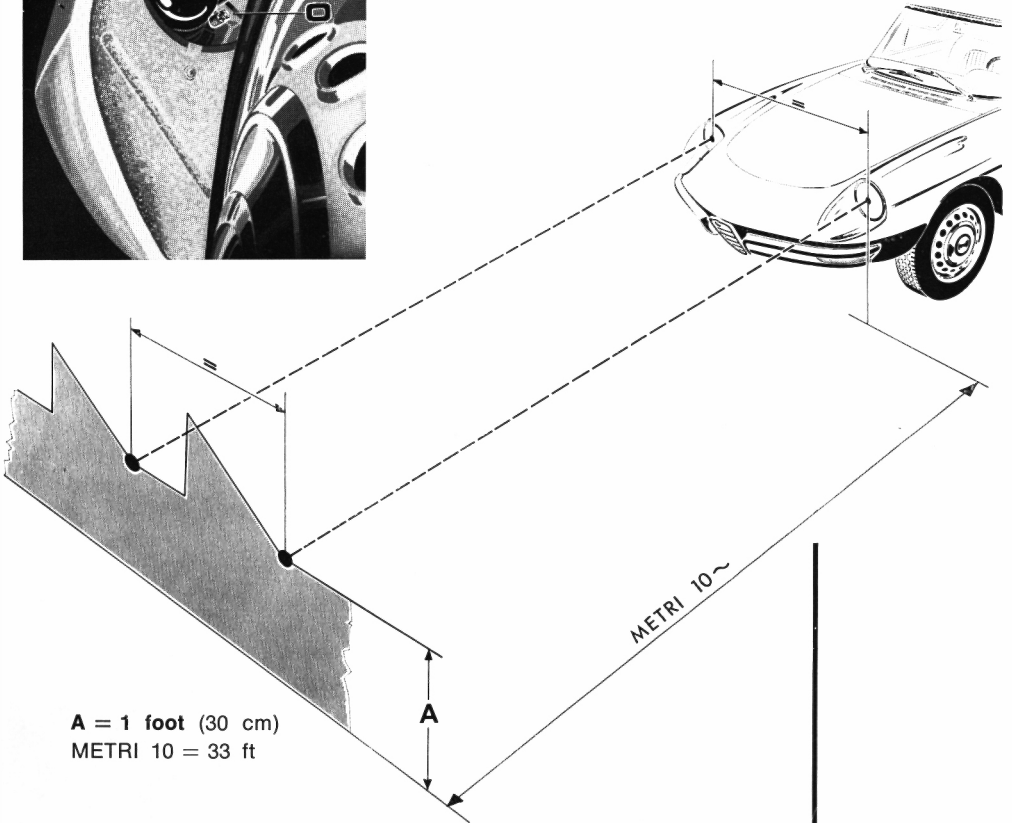


#### SAFETY BELTS

Provision is made for the fitting of safety belts.  
Suitably reinforced attachment points are located:

- for lap belts: on the central tunnel and on side rails
- for shoulder belts: on the central tunnel and on rear side panels.

Furthermore, all three attachment points can be used for the installation of lap and diagonal harness.



**A = 1 foot (30 cm)**  
**METRI 10 = 33 ft**

**Beam alignment**

To align the beams, position the car, unloaded on level ground away from a screen perfectly vertical and check for dimension **A** as shown in the figure.

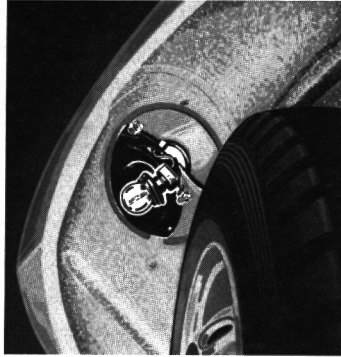
Proceed as follows:

- Remove the protecting cover by unscrewing the wingnut from the wheelhouse.
- Align the beams by adjusting the proper wingnuts.

**V** = Vertical alignment

**O** = Horizontal alignment

Replacing a bulb



From the wheelhouse remove the following:

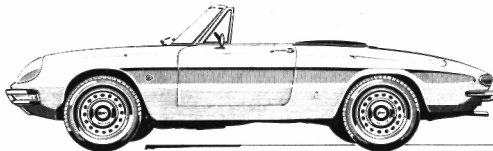
- the protective cover;
- the metal housing;
- the lamp holder after having disconnected the feed wire and the spring clips.

Overall ratios

with 41 : 10 final drive

1st	. . .	13.54 : 1
2nd	. . .	8.15 : 1
3rd	. . .	5.55 : 1
4th	. . .	4.10 : 1
5th	. . .	3.24 : 1
Rev.	. . .	12.34 : 1

TYRES



Inflation pressures when cold

20 p.s.i.  
(1.4 kg/cm<sup>2</sup>)

24 p.s.i.  
(1.7 kg/cm<sup>2</sup>)

24 p.s.i.  
(1.7 kg/cm<sup>2</sup>)

26 p.s.i.  
(1.8 kg/cm<sup>2</sup>)

MICHELIN

PIRELLI

Kleber Colombes  
V10 GT

} all conditions