

ENGINE

	Phaser 90
Capacity	4 litres
Bore/stroke	100/127mm
Injection pump	Bosch EPVE
Firing order	1,3,4,2
Max r.p.m.	2800
Idling speed r.p.m.	625

	Phaser 110T
Capacity	4 litres
Bore/stroke	100/127mm
Injection pump	Bosch EPVE
Firing order	1,3,4,2
Max r.p.m.	2600
Idling speed r.p.m.	625

	6.225 Petrol
Capacity	3,684 litres
Bore/stroke	86,36/104,78mm
Carburettor	Holley 6R6038B
Firing order	1,5,3,6,2,4
Spark plugs	RBL 11Y
	(Gap 0.035 ins. 0,90mm)
Max r.p.m.	3600
Idling speed r.p.m.	800

CLUTCH

A.P.	280 DS
A.P.	310 DS

GEARBOX

ZF	S5-24/3
Spicer	T5-290
Chrysler (auto)	A727

PROP SHAFTS

Tubular shafts fitted with universal joints.

REAR AXLE

Spiral bevel	AX6
Spiral bevel	AX8
Spiral bevel	AX9

FRONT AXLE

Reversed Elliot 'T' beam

STEERING

Manual	Burman recirculating ball
Power	ZF 8090

FRONT SUSPENSION

Symmetrical single leaf parabolic
Telescopic dampers

REAR SUSPENSION

Symmetrical minimum leaf semi-elliptic
Telescopic dampers

BRAKES

Vacuum/hydraulic

Front	Disc
Rear	Drum

Air/hydraulic

Front	Drum
Rear	Drum

BODYWORK

It is essential to obtain chassis drawings from your dealer when fitting bodywork or special equipment (loading crane, fifth wheel, etc.). For the attachment of this bodywork or equipment and also electrical connections, we require manufacturers and body-builders to comply with RENAULT specifications and standards drawn up for this purpose. These are readily available from S.E.O. Department, Dunstable.

Welding on vehicle

Important precautions:

The vehicle is equipped with numerous electronic circuits: alternator, voltage regulator, flasher unit, etc.

Prior to carrying out any electric welding work, disconnect the negative (-) and positive (+) cables from the terminals of the battery.

Place the earthing clamp as close as possible to the weld, but never attach it to a rotating part (prop shaft, hub, fan, etc.), nor to any sub-assembly having moving parts (air compressor, turbo-charger, etc.).

Nearby plastic pipes and electrical cables are to be protected or removed. This also applies for grinding or drilling.

When reconnecting the battery, respect the polarities by always beginning with the positive (+) terminal. If the polarity is reversed, you run the risk of causing irreparable damage to the electronic components.

ELECTRICAL

Battery 1 - 12V 128AH
(normal or H.D. version)

ALTERNATOR

Lucas A127 45 AMP. STD.
A127 65 AMP. H.D.

STARTER

Diesel

Lucas M127

Petrol

Chrysler Chrysler 4091975

CAPACITIES

Engine Oil

	Litres
Phaser 90	10,05
Phaser 110T	10,56
6.225 Petrol	7,95

Cooling water

Phaser 90	17,90
Phaser 110T	18,35
6.225 Petrol	17,10

Gearbox

ZF S5-24/3	3,0
Spicer T5-290	4,5
Chrysler Auto A727	
Total	8,1
Refill	3,6

Rear Axle

AX6	2,84
AX8	4,546
AX9	4,545

Steering

Manual	0,5
Power	1,9

Clutch (fluid)	0,5
--------------------------	-----

Fuel tank	85,0
---------------------	------

Windscreen Wash Res.	4,0
------------------------------	-----

Brakes (fluid)	1,75
--------------------------	------

specifications

TYRE PRESSURES

Tyre size all models : 205/75R17.5

MODEL	S35	S46	S56	S66	S75
PRESSURE	bar (psi)	bar (psi)	bar (psi)	bar (psi)	bar (psi)
FRONT	3.75 (54)	4.0 (58)	4.75 (69)	5.0 (73)	5.75 (83)
REAR	3.75 (54)	3.75 (54)	4.5 (65)	5.75 (83)	6.75 (98)