RENAULT 19



- 01 SPECIFICATIONS
- 02 LIFTING EQUIPMENT
- 03 TOWING
- 04 LUBRICANTS CONSUMABLES
- 05 DRAINING REFILLING
- 07 VALUES AND SETTINGS

77 11 190 814	OCTOBER	1996	Edition Anglaise
"The repair methods given by the manufacturer in this document are based o technical specifications current when it was prepared. The methods may be modified as a result of changes by the manufacturer in the production of the various component units and accessories from which his variate constructed".	on the the rehicles	All copyrights reserved by Renault. Copying or translating, in part or in full, of this document or use of the service par reference numbering system is forbidden without the prior written authority of Renault.	





General

Contents

		Pages			Pages
01	SPECIFICATIONS		05	DRAINING - REFILLING	
	- Engine - Clutch - Gearbox	01-1		Engine	05-1
	Vehicle identification	01-2		Gearbox	05-3
				Power assisted steering	05-4
02	LIFTING EQUIPMENT		07	VALUES AND SETTINGS	
	J Tralles inde Ande storede				07.1
	Trolley Jack - Axle stands	00.1		Dimensions	07-1
		02-1		Capacities - Grades	07-4
				Belt tension	07-7
				Accessories belt tension	07-9
				liming belt tension	07-15
00				Cylinder nead tightening	07-17
03				Main brake components and dimensions	07-21
	All types	03-1		Front axle setting values	07-22
				Front axle checking values	07-24
				Rear axle checking values	07-25
				Underbody heights	07-27
				Brake compensator	07-28
04	LUBRICANTS - CONSUMABLES				

Packaging

04-1

SPECIFICATIONS Engine - Clutch - Gearbox



	Engine			
Vehicle type	Vehicle type Type Cubic capacity (cm ³)		Type of manual and automatic gearbox	
B530 - C530 - L530 S530	C1G	1237	180 CP 3300	JB0 - JB1 - JB4 - JB5
B531 - C531 - L531	C1J	1397	180 CP 3300	JB0 - JB1 - JB4 - JB5
B53H - B53P - C53P L53H - L53P	C2J	1397	180 CP 3300	JB0 - JB1 - JB4 - JB5
B532 - C532 - L532	C3J	1390	180 CP 3300	JB0 - JB1
B53G - B537 - C537 L53G - L537 - S537	E6J	1390	180 CP 3300	JB0 - JB1 - MB1
B53A - C53A - L53A	E7J	1390	180 CP 3300	JB1 - MB1
B535 - C535 - L535	E7J	1390	180 CP 3300	JB1 - MB1
B53W - C53W - L53W	E7F	1171	180 CP 3300	JB0 - JB1 - JB3
B53E - B53M - B533 B536 - C53E - C53M C533 - L533 - L536	F2N	1721	200 CP 4000	JB0 - JB1 - JB3 - AD4
B53B - B53C - B53F C53B - C53C - C53F D53C - L53B - L53C - L53F	F3N	1721	200 CP 4000	AD4 - JB3 - MB3
B53V - B53Y - B538 C53V - C53Y - C538 D53V - D53Y - L53V L53Y - L538 - 353A 353C - 353D - 353F 453A - 453C - 453D 453F - 453H - 553A 553C - 553D - 553F 553H - 853A - 853C 853F	F3P	1794	200 CP 4000	AD4 - JB3 - JC5
B53D - B539 - C53D C539 - D53D - L53D L539	F7P	1764	200 CP 4400	JB3 - JC5
B53I - B53J - B53K B53T - B53Z - B534 C53I - C53J - C53K C53T - C53Z - C534 L53I - L53J - L53K L53T - L53Z - L534 S53I - S53J - S53K - S534	F8Q	1870	200 CPV 4600 200 CPV 3500	JB1 - JB3 - JC5

IDENTIFICATION OF F3P ENGINES WITH REDUCED CUBIC CAPACITY

ENGINE	APPROVAL LETTER	NUMBER	VEHICLE TYPE
	E	704	
F3P	Н	706	X53 Y
	Е	708	
	Н	760	
	H H	$\left.\begin{array}{c} 706\\ 760 \end{array}\right\}$	053 A
	J	765 }	053 B - F - H X53 V
	A	682	053 C - D - H X53 8

Definition of identification X and 0

X53 Y = B53 Y, C53 Y, L53 Y Ve

Vehicle type code starting with a letter.

053A = **3**53 A, **4**53 A

Vehicle type code starting with a number.





- A: the engine type
- **B** : the vehicle type approval letter
- **C** : the identity of RENAULT SA
- **D** : the engine number
- **E** : the engine manufacturing number
- **F** : letter indicating the factory at which the engine was manufactured (e.g.: **C** for Cléon)

LOCATION OF THE VEHICLE IDENTIFICATION PLATE



Plates (A) and (B) may be separate or on a single plate (according to specification).

Position $n^{\circ}\,2$



Plate (C) is located on the front panel.

Position n° 3



Adhesive plate (D) is attached to the chassis on the side of the right front door.

METAL PLATE (Position n° 1)





This consists of;

- At A : the manufacturer's name,
- At B : the EU official approval number, including:
 - At B1 : the number of the country granting the EU approval
 - At B2 : the approval number for the vehicle type.
- At C : the official type number preceded by the manufacturer's worldwide identification code (for example VF1 is the code for RENAULT France),
- At D : the chassis number
- At E : the gross vehicle weight,
- At F : the gross train weight,
- At G : the maximum permissible front axle weight,
- At H : the maximum permissible rear axle weight,
- At J^{*} : the vehicle model year or paint identification code.

* **NOTE:** some of these items of information are not required for certain export markets. The plates described above are shown in their most complete form. **Oval plate**



This consists of:

- At 1 : the vehicle type
- At 2 : special features of the vehicle*
- At 3 : the basic equipment * (see table),
- At 4 : options,
- At 5 : the manufacturing number,
- At 6 : the vehicle model year* or paint identification code*,
- At 7 : the factory at which the vehicle was assembled:
 - A : Portugal
 - **B** : Batilly
 - C : Creil
 - D : Douai
 - E : Spain
 - **F** : Flins
 - **G** : Grand Couronne
 - H : Haren
 - J : Billancourt
 - K : Dieppe
 - N : Mexico
 - P : Mexico
 - **Q** : A.M.C.
 - S : Sandouville
 - T : Matra Romorantin
 - **U** : Maubeuge
 - W : Spain Valladolid
 - X : Heuliez
 - Y : Yugoslavia
 - Z : U.S.A.

* DEPENDING ON COUNTRY OR SPECIFICATION

METAL PLATE (Position n° 2)



This consists of:

- At A : the manufacturer's name,
- At B : the EU official approval number
- At C : the official type number preceded by the manufacturer's worldwide identification code (for example : VF1 for RENAULT France),
- At D : the chassis number,
- At E : the gross vehicle weight,
- At F : the gross train weight,
- At G : the maximum permissible front axle weight,
- At H : the maximum permissible rear axle weight,
- At 1 : the vehicle type,
- At 2 : the first number indicates the gearbox or the factory options the second number indicates the level of equipment,
- At 3 : the technical equipment number,
- At 4 : the factory option additional equipment,
- At 5 : the trim identification code,
- At 6 : the paint identification code,
- At 7 : the level of equipment,
- At 8 : a letter indicating the factory of manufacture, followed by the manufacturing number.

WARNING: The 7 characters of the manufacturing number must not be separated. For vehicles manufactured before that date, the manufacturing number is 7 numbers.

NOTE: some of these items of information are not required for certain export markets. The plates described above are shown in their most complete form.

METAL PLATE (Position n° 3)



SPECIFICATIONS Vehicle identification

01

This consists of:

- At A : the manufacturer's name,
- At B : the EU official approval number
- At 1 : the official type number preceded by the manufacturer's worldwide identification code (for example : VF1 for RENAULT France),
- At 2 : the chassis number,
- At 3 : the gross vehicle weight,
- At 4 : the gross train weight,
- At 5 : the maximum permissible front axle weight,
- At 6 : the maximum permissible rear axle weight,
- At 7 : the first number indicates the gearbox or the factory options the second number indicates the level of equipment,
- At 8 : the vehicle type
- At 9 : the technical equipment number,
- At 10: the factory option additional equipment,
- At 11 : the level of equipment,
- At 12 : the paint identification code,
- At 13 : a letter indicating the factory of manufacture, followed by the manufacturing number,
- At 14 : the trim identification code.

NOTE: some of these items of information are not required for certain export markets. The plates described above are shown in their most complete form.

ALLOCATION OF THE TECHNICAL EQUIPMENT CODES

The equipment code, three letters at (9), must be documented when vehicle identification is required (ordering of replacement parts, warranty form, etc).

Due to the European depollution standards, the "ABCD" coding of some vehicles has become saturated following the introduction of new engines (letter "D"), the body code "A" therefore becomes "A'".

	А	A'	"ABCD"		"A'BCD"
3 door hatchback	С	3	C53A		353A
5 door hatchback	В	5	B53A		553A
4 door saloon	L	4	L53A	or	453A
Utility	S	6	S53A		653A
Cabriolet	D	7	D53A		853A
Renault 19 all models	Х	0	X53A		053A

The engine letter"D" at A in both cases corresponds:

- to engine E7J 700 when the body type is **B**, **C**, **D**, **L**, **and S X** covers **B**, **C**, **D**, **L**, **and S**
- to motor F3P 706 when the body type is 3, 4, 5, 6 and 8 0 covers 3, 4, 5, 6 and 8.

Therefore**B53A** :Renault 19 5 door hatchback with engine E7J 700

553A: Renault 19 5 door hatchback with engine F3P 706

C53A : Renault 19 3 door hatchback with engine E7J 700

353A: Renault 19 3 door hatchback with engine F3P 706

REMINDER:

"A" or "A'"	=	body type
"D C"		

- "BC" = N° of project (example 53)
- "D" = Engine number

Safety symbol (special precautions to be taken when carrying out work).

ESSENTIAL SPECIAL TOOLS

Cha. 280-02 Trolley jack pad Cha. 408-02 Trolley jack socket

Suitable axle stands must be used when using a trolley jack.

It is forbidden to lift the vehicle by taking the load under the front suspension arms. Use whichever of the sockets **Cha. 408-02** that suits the trolley jack to fit pad **Cha. 280-02**.

LIFTING WITH THE TROLLEY JACK FROM THE FRONT

Apply the handbrake or place chocks under the rear wheels.

Use pad Cha. 280-02.

Take the load under the front sub-frame.

Avoid the pad touching the gearbox or the exhaust down-pipe.

For some vehicles, make a notch in tool **Cha. 280-02** to prevent it touching the exhaust.

LIFTING WITH THE TROLLEY JACK FROM THE REAR

It is **FORBIDDEN** to lift the rear of the vehicle taking the load under the rear axle. Lift each wheel separately taking the load under the vehicle jacking points.

