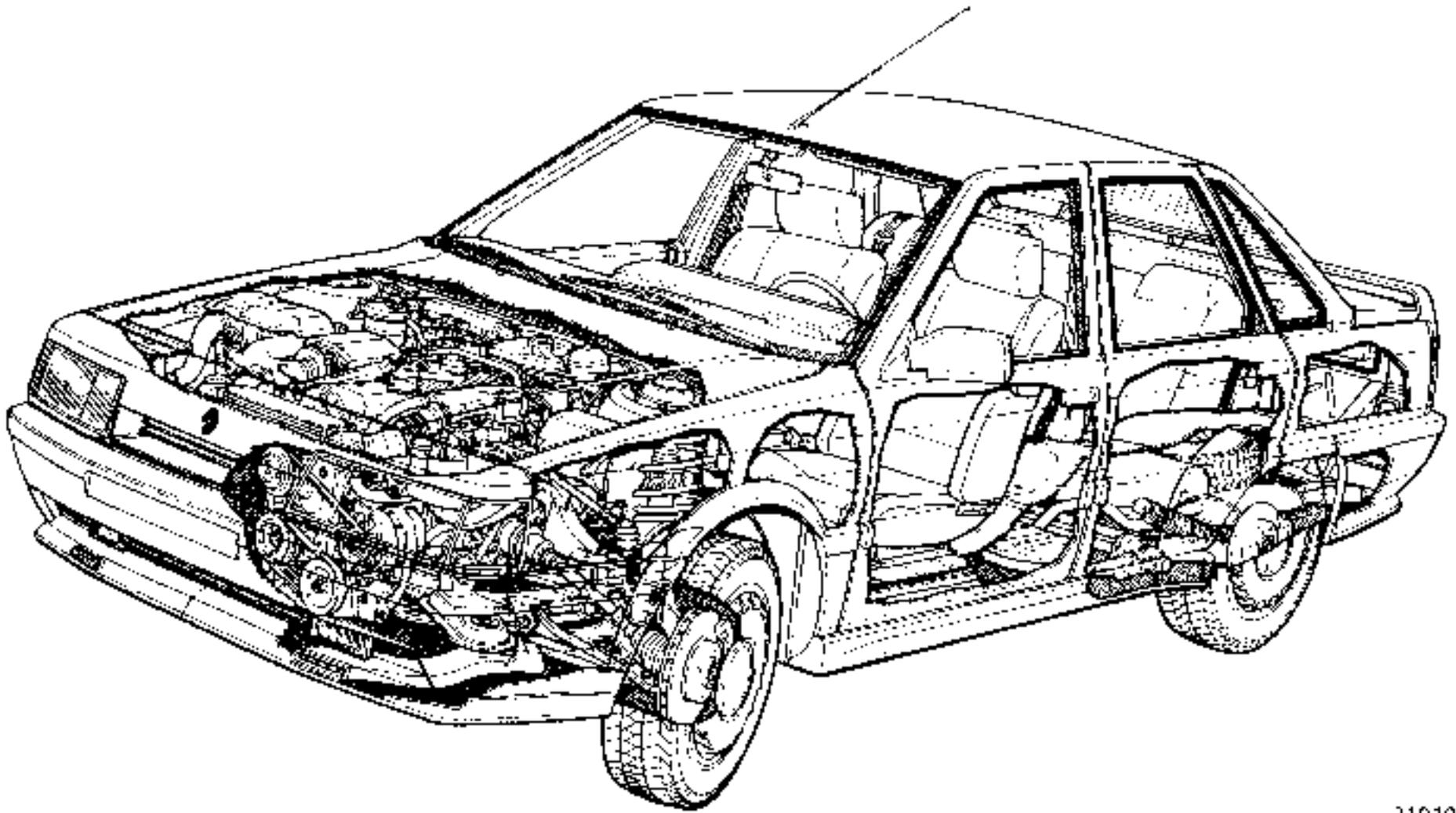
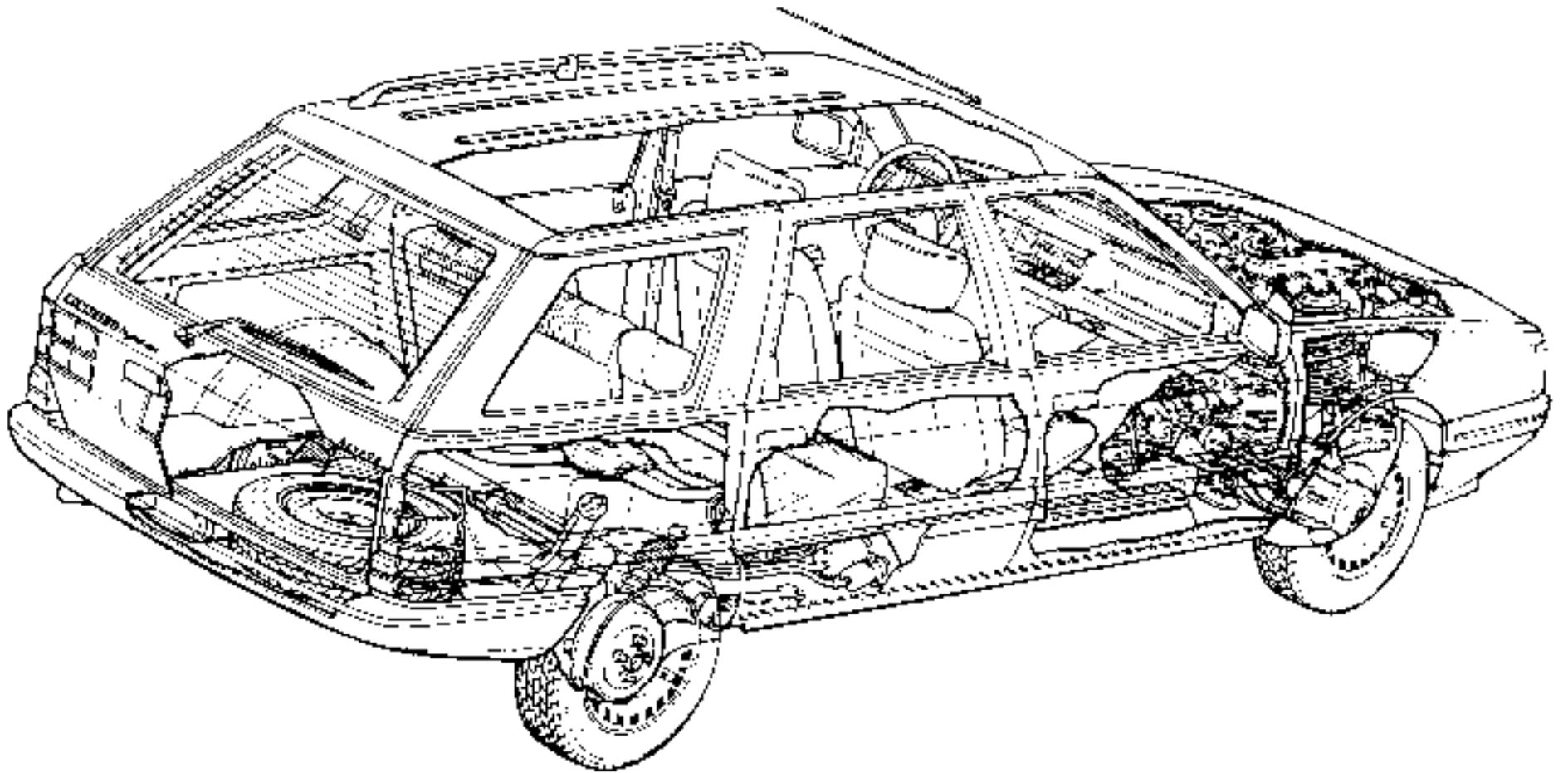


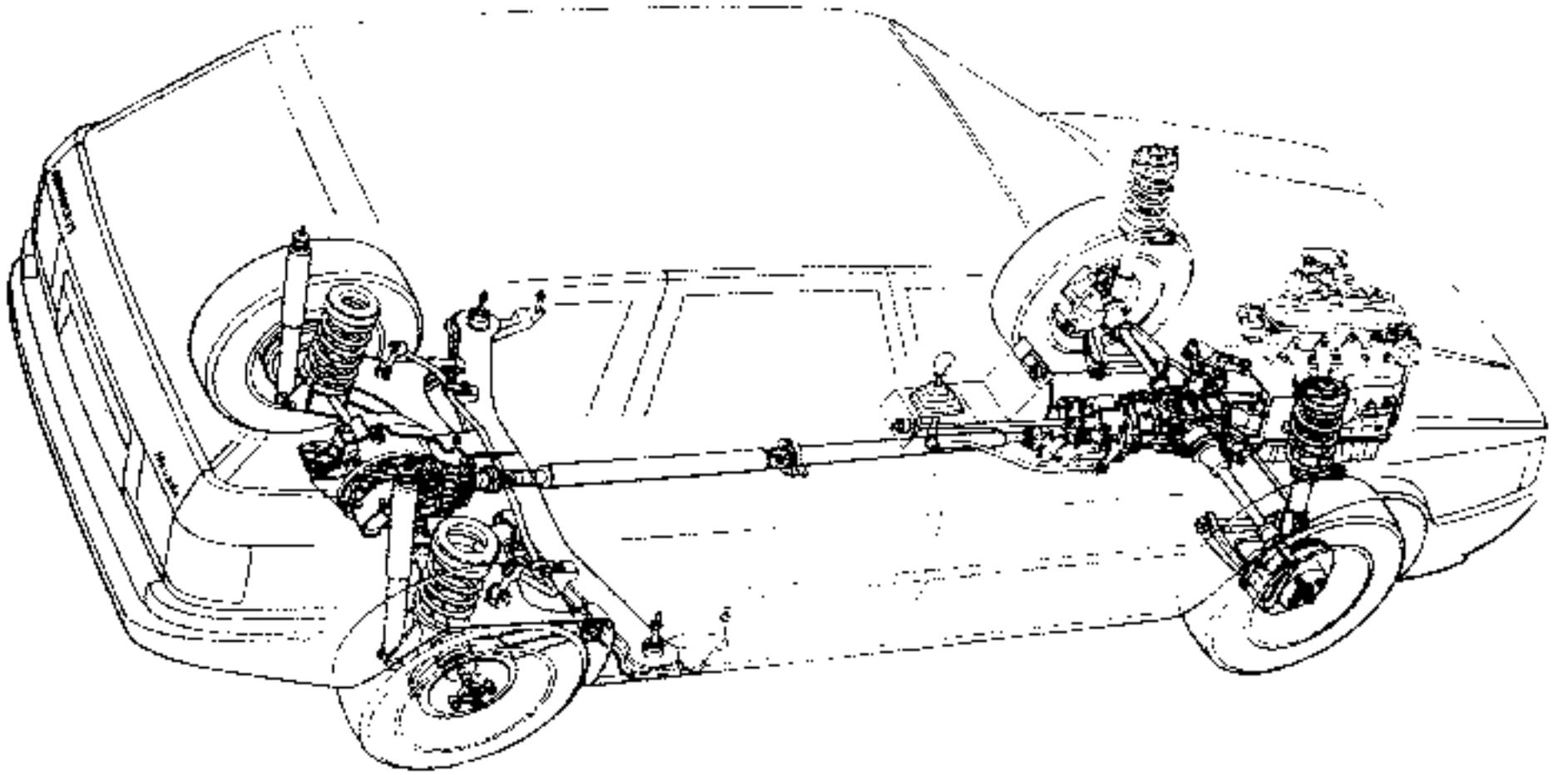
210101



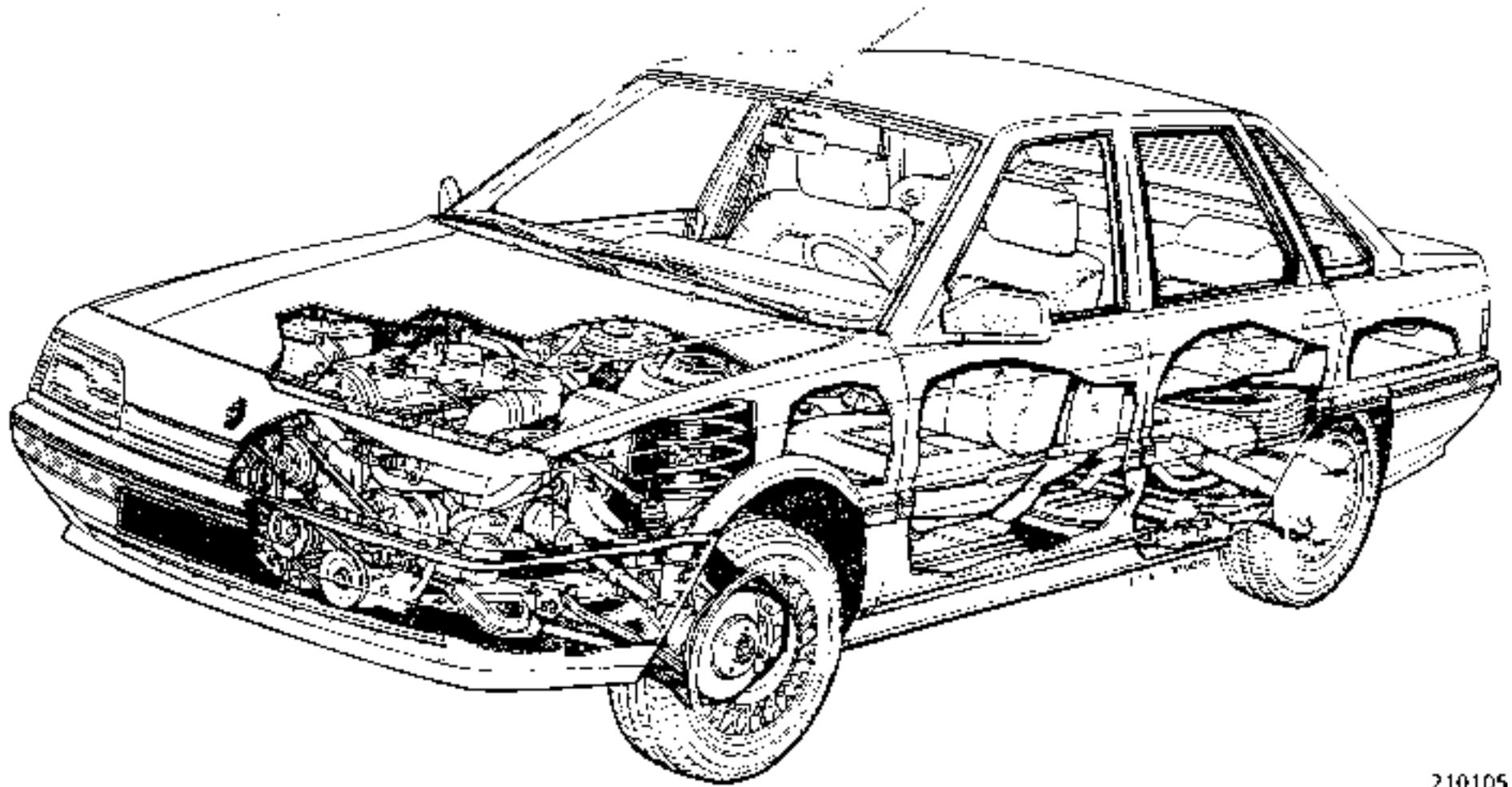
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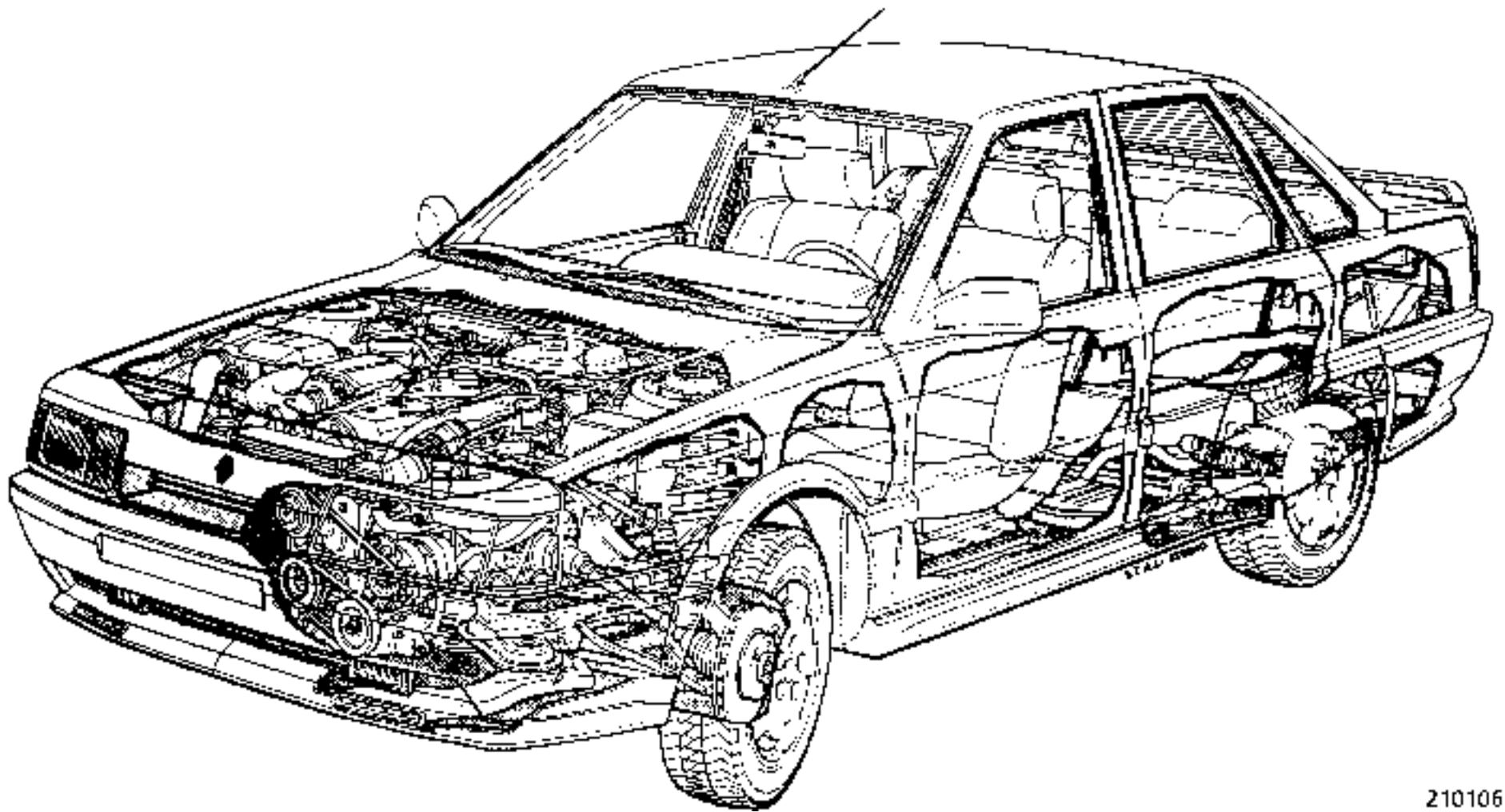
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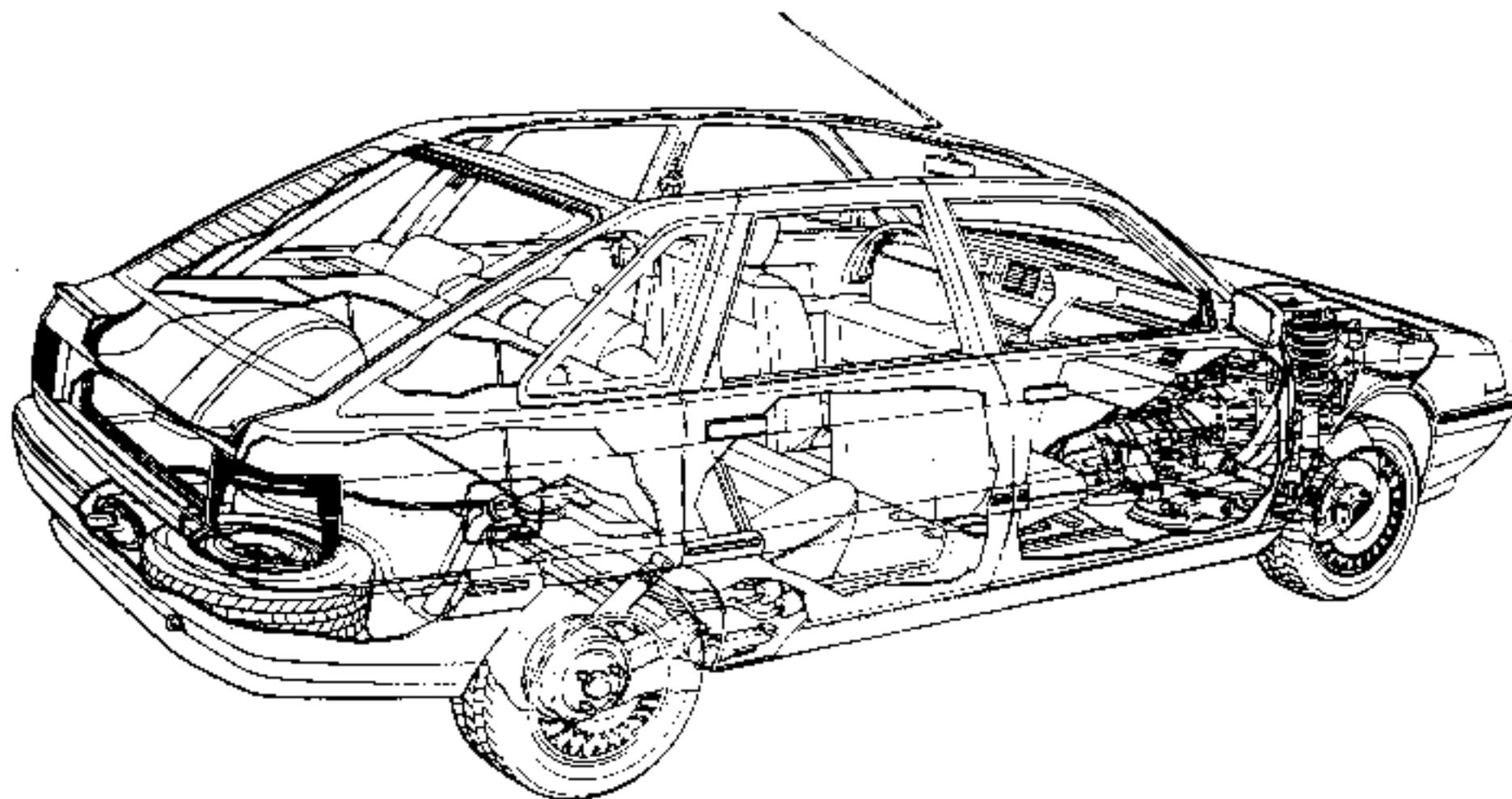
210104



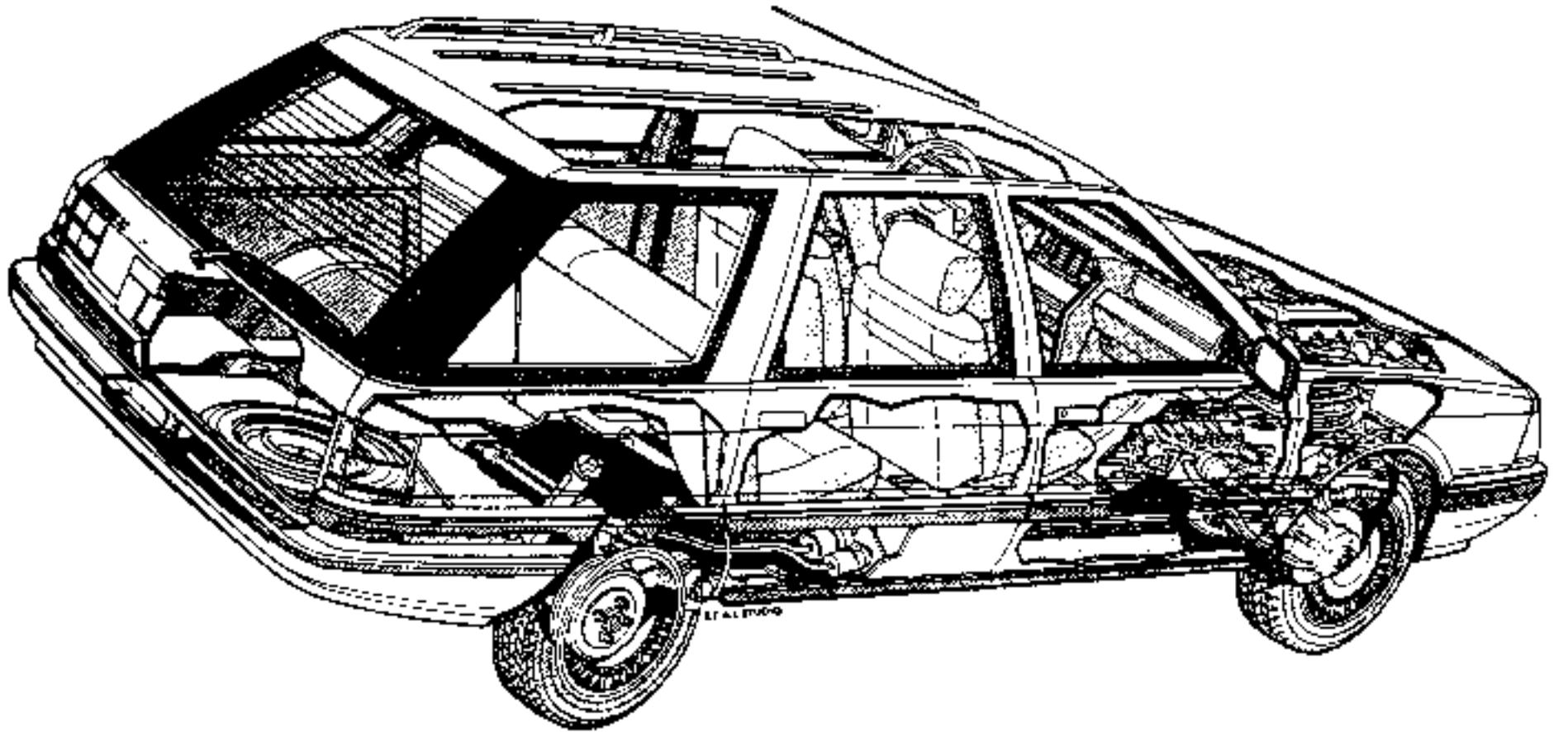
210105



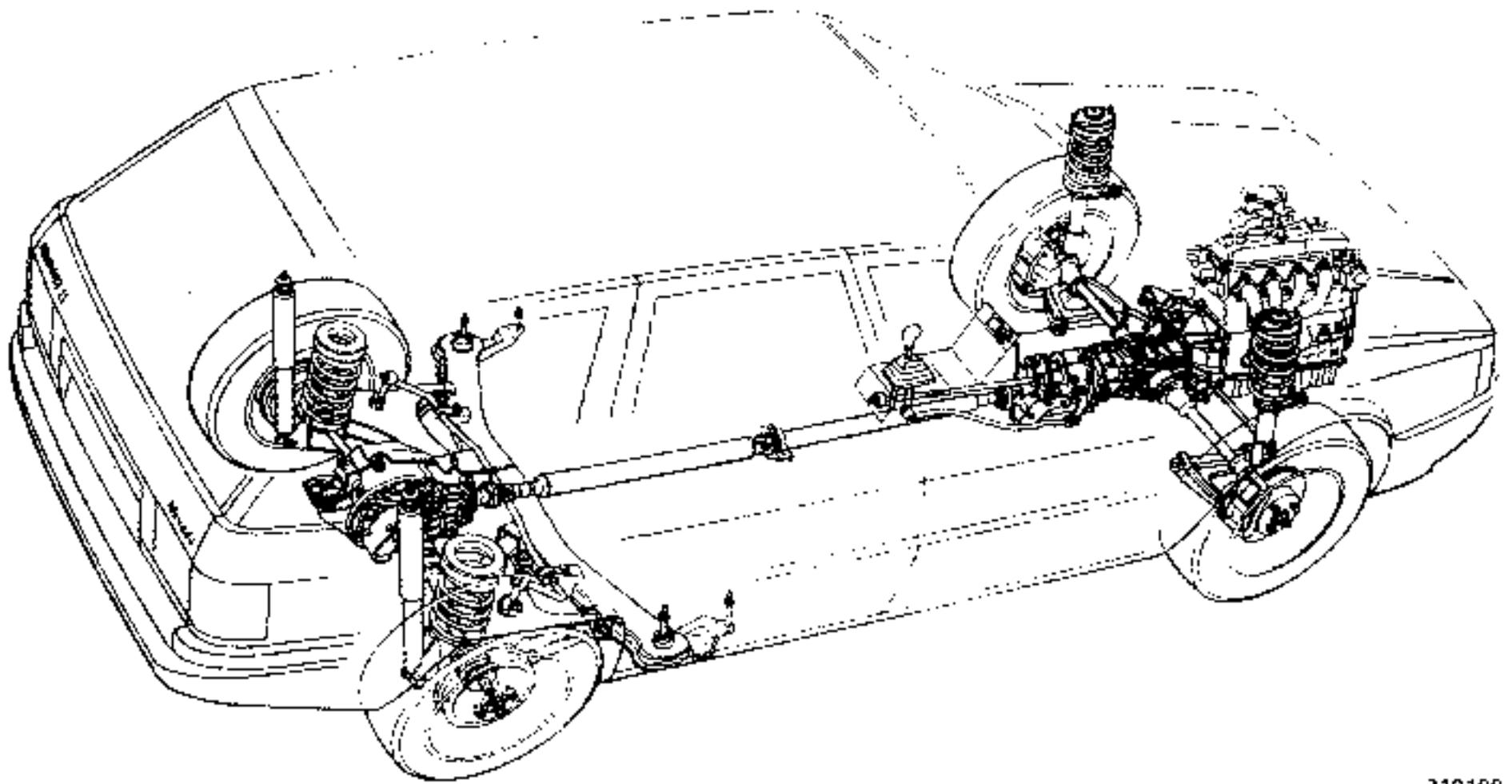
210106



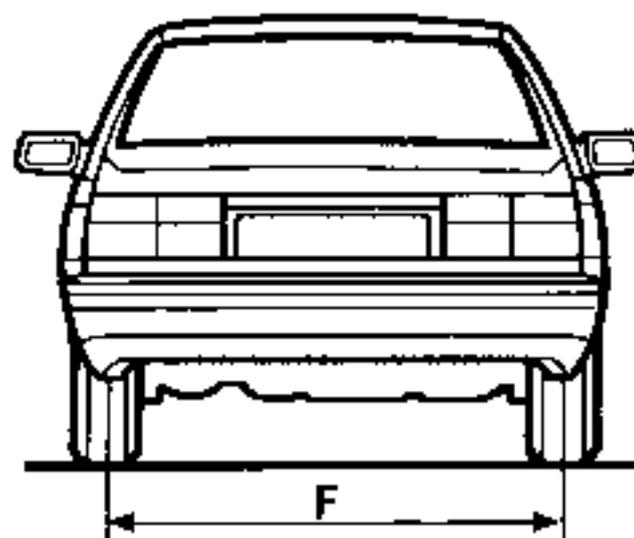
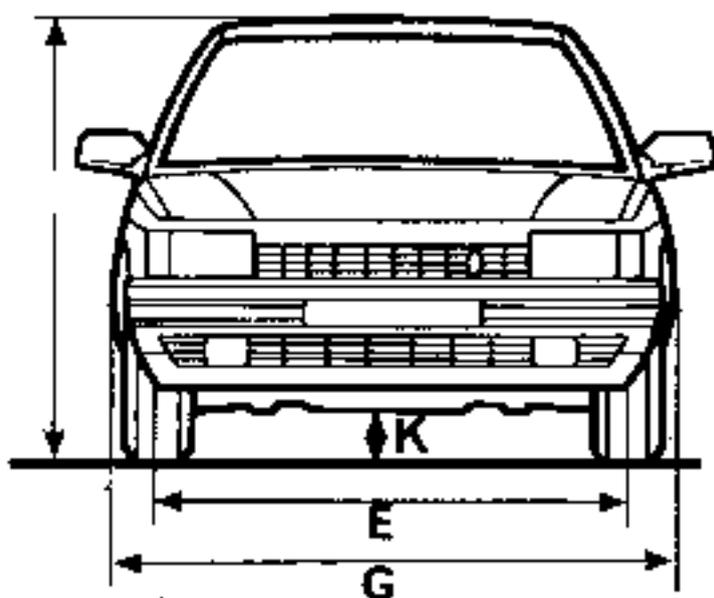
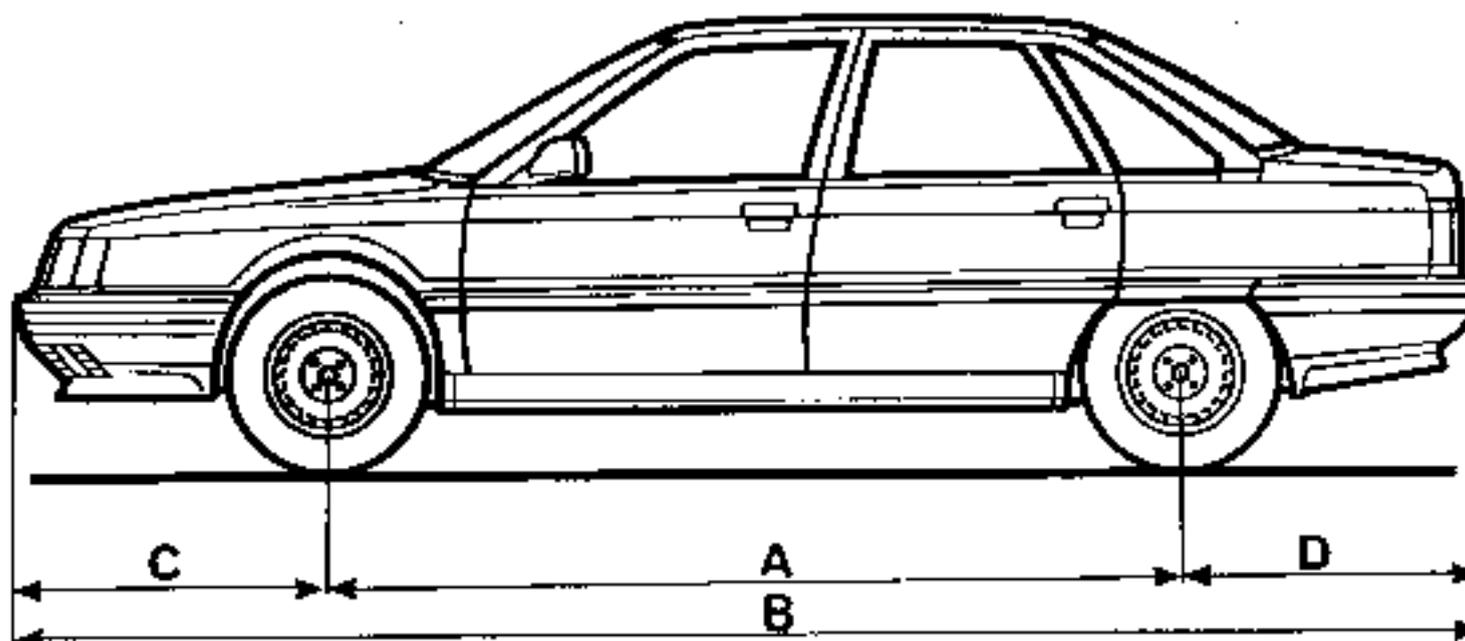
21D107



210108



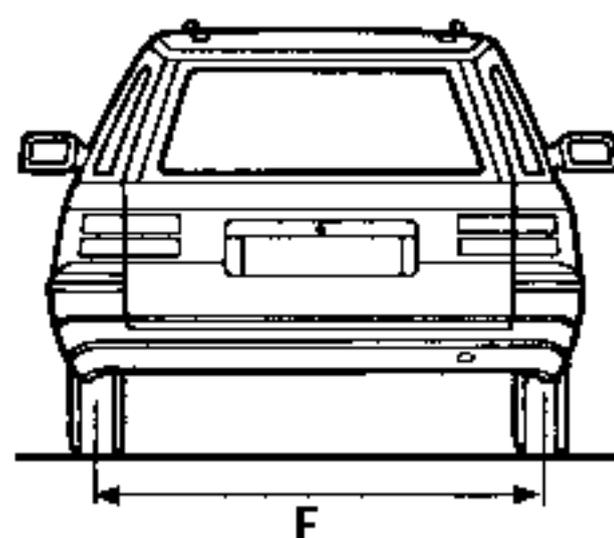
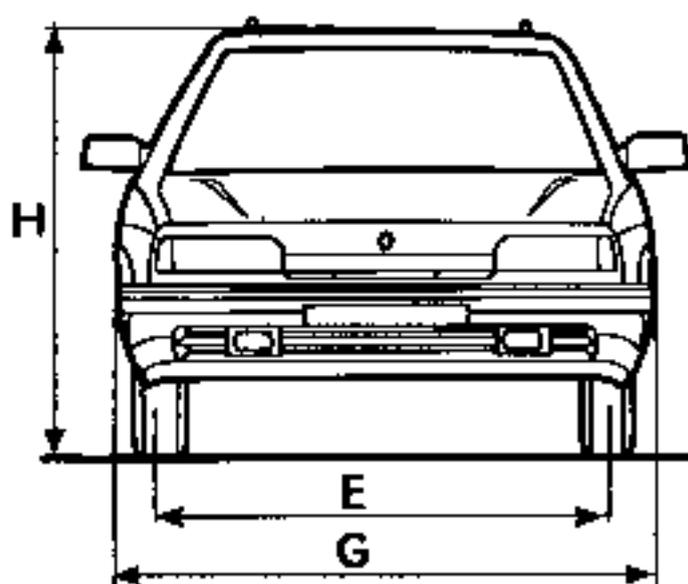
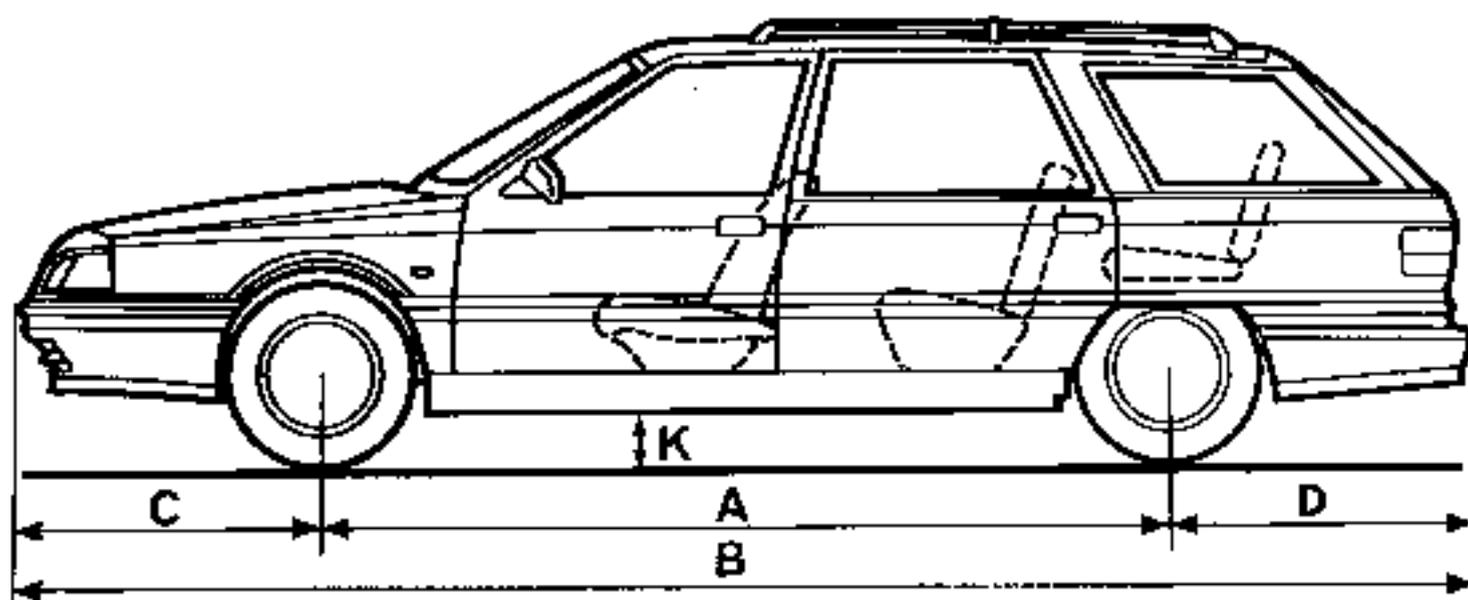
210109



210110

VERSION	D	TS	GTI	GTS	TSE	GTX	TJ	TXE	2L Turbo	TD	GTD	Turbo D	Turbo DX
A Wheelbase			2 659				2 600		2 597		2 600		
B Overall length			4 462				4 465	4 462	4 498		4 462		
C Front overhang			878				937		967	938		937	
D Rear overhang			925				928	925	934		925		
E Front track			1 429				1 454		1 450		1 455		
F Rear track			1 402				1 406		1 402		1 406		
G Overall width	1 706					1 715				1 706		1 715	
H Height, unladen					1 414				1 385		1 414		
K Ground clearance, laden													> 120 laden

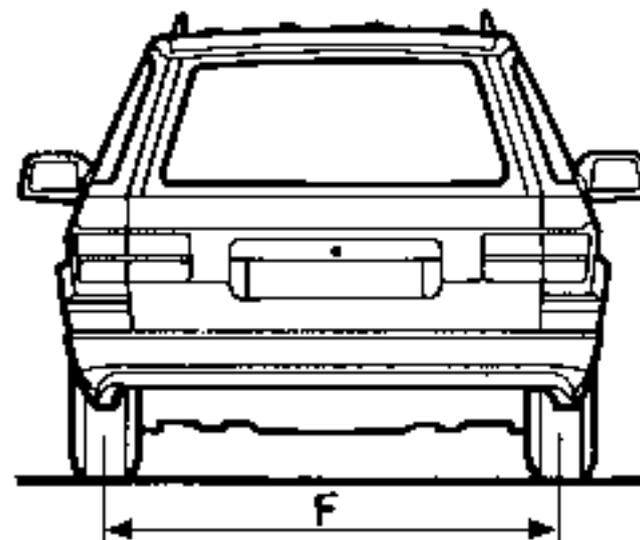
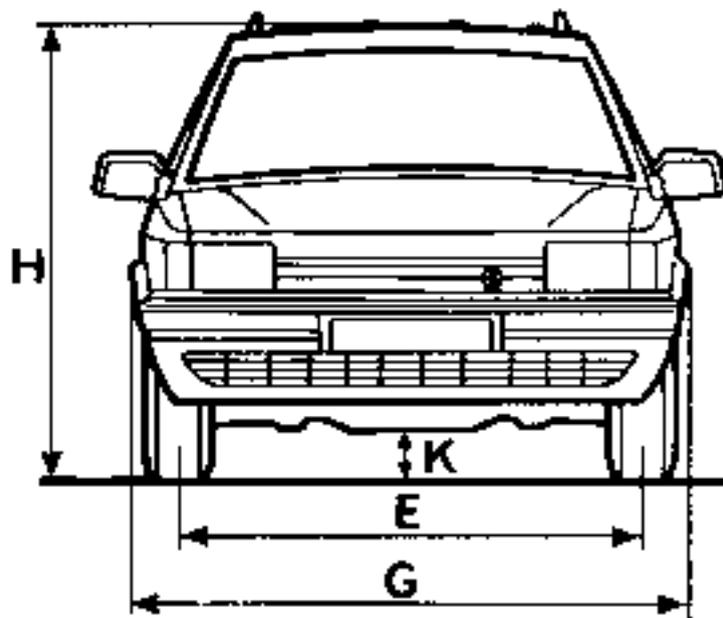
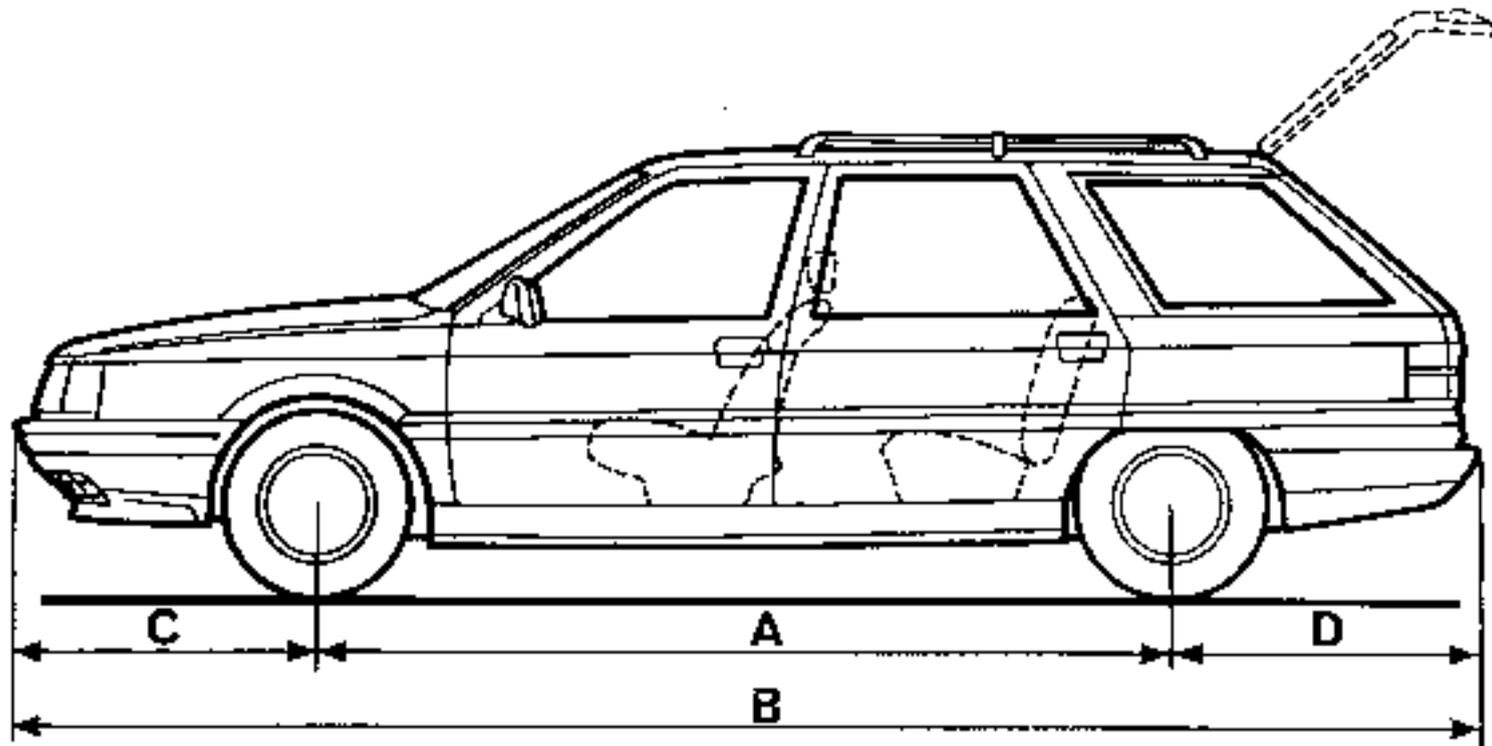
Dimensions in mm



210111

VERSION	JL	ESL	TD	GTS	GTX	TXE	SD	GSEI	TD	GTD	Turbo D	Turbo DX	GTX 4x4	GTX 4x4
A Wheelbase	2 809			2 750			2 809			2 750			2 744	
B Overall length	4 693													
C Front overhang	925			984			925			984				
D Rear overhang	959											965		
E Front track	1 430			1 454			1 430			1 454				
F Rear track	1 400 (1 408 with A.B.S.)											1 423		
G Overall width	1 726													
H Height, unladen	1 425 (1 427 - 5 seats)			1 430			1 425 (1 427 - 5 seats)			(Utility : 1 421) 1 430			1 450	
K Ground clearance, laden	≥ 120													

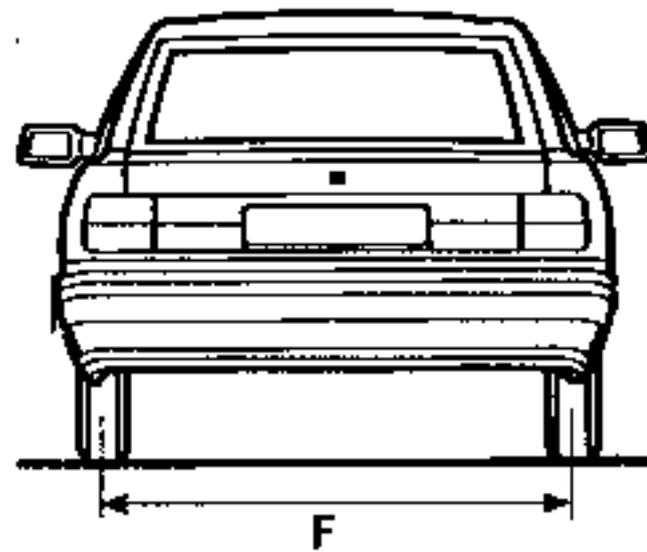
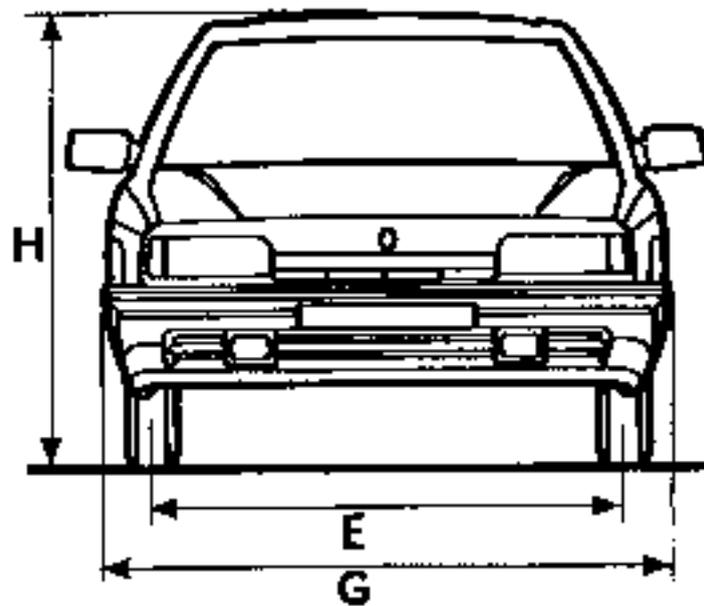
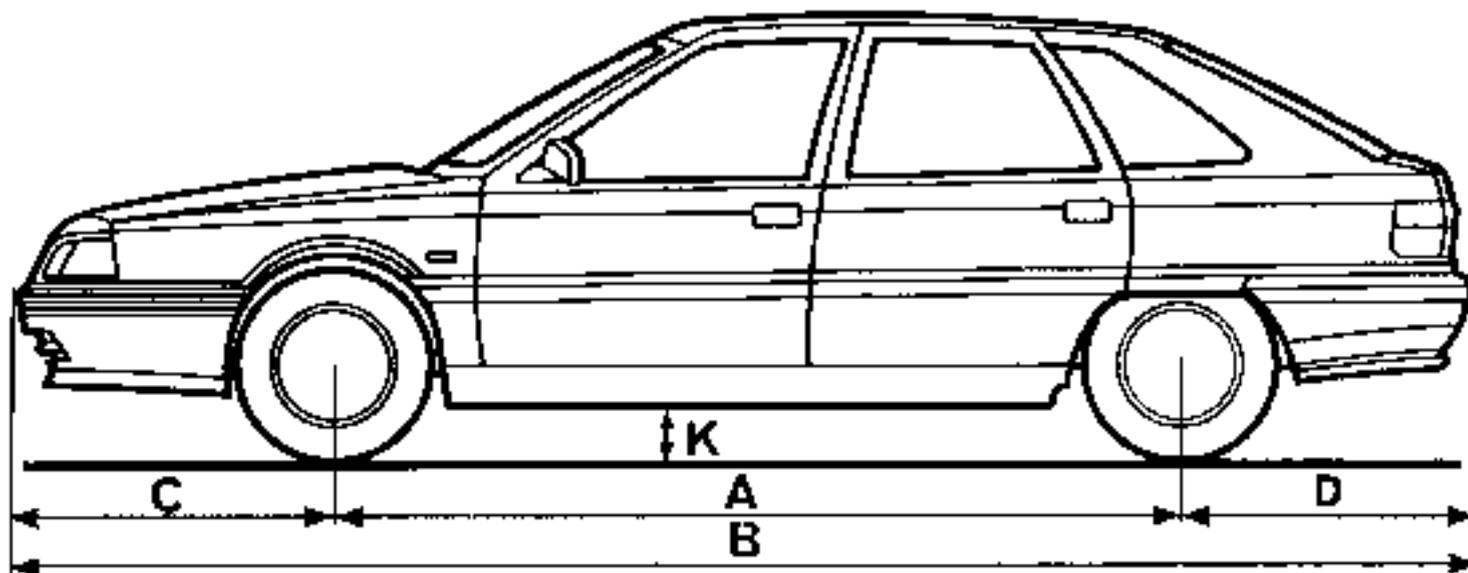
Dimensions in mm



210112

VERSION	TL	TS	GTS	GTX	TXB	TD	GD	TWBS D	TWBS DX	GFX 4x4	GTD 4x4
A Wheelbase	2 809		2 750				2 742				
B Overall length	4 644										
C Front overhang	878			937							
D Rear overhang	957									965	964
E Front track	1 429		1 454	1 449	1 454		1 454	1 449			
F Rear track	1 406									1 423	
G Overall width	1 722										
H Height, unladen	1 427		1 430	1 421	1 430		1 440	1 431			
K Ground clearance, laden	≥ 120										

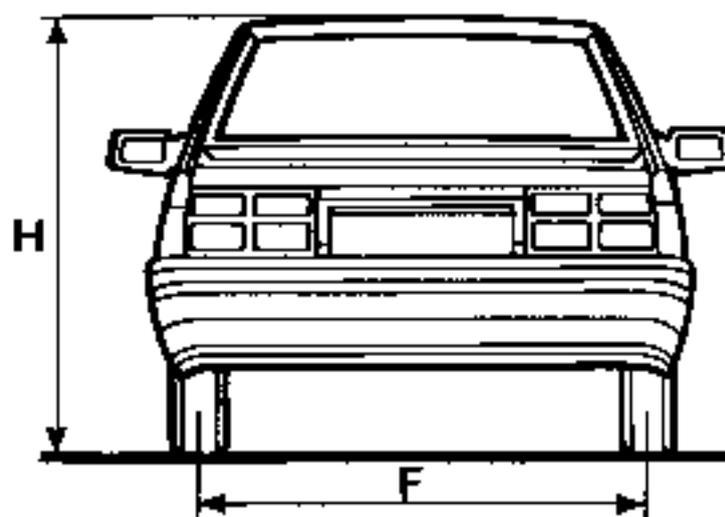
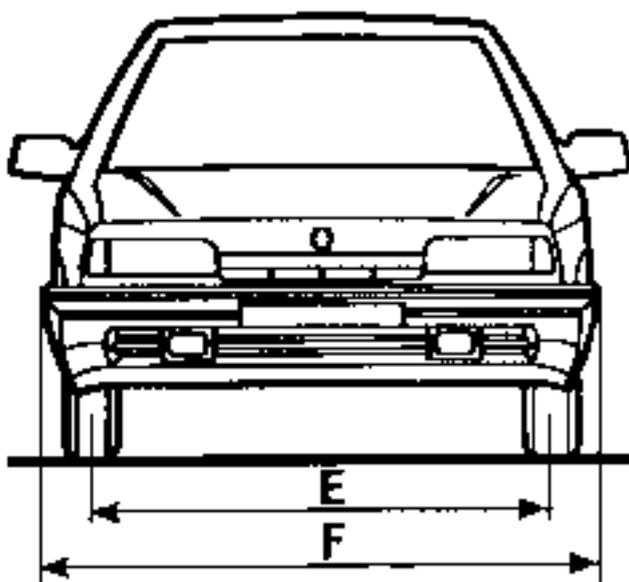
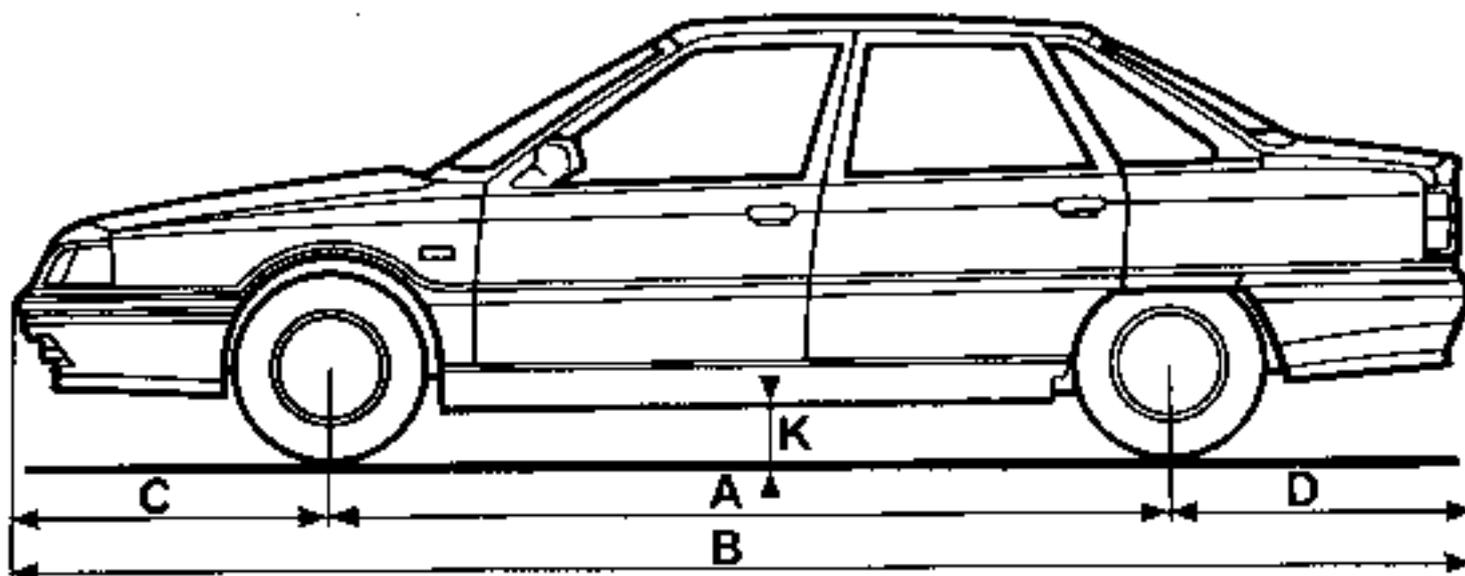
Dimensions in mm.



210113

VERSION	TL	GLL	TS	GBS	TSE	TX	QTX	TXE	TXI	SD	BSD	TD	GTD	Turbo D	Turbo DX	TX 4x4
A Wheelbase	2 659			2 600			2 659			2 600			2 594			
B Overall length	4 461															
C Front overhang	925			984			925			984						
D Rear overhang	877														883	
E Front track	1 435			1 454			1 435			1 454						
F Rear track	1 400 (1 408 with ABS)														1 423	
G Overall width	1 726															
H Height, unladen	1 400			1 390			1 395			1 390			1 385		1 425	
K Ground clearance laden	≥ 120															

Dimensions in mm



210114

VERSION	TX	GTL	TS	GYS	YSE	TX	GTX	TXE	TXI	2L Turbo	SD	GSD	TD	GTD	Turbo D	Turbo DX	TXI 4x4	2L Turbo 4x4		
A Wheelbase	2 659				2 600				2 659		2 600				2 594		2 590			
B Overall length	4 528								4 510		4 528								4 510	
C Front overhang	925				984				966		925				984				966	
D Rear overhang	944																950		954	
E Front track	1 435				1 454				1 445		1 435				1 454				1 445	
F Rear track	1 400 (1 408 with ABS)								1 396		1 400 (1 408 with ABS)								1 423	
G Overall width	1 726								1 722		1 726								1 722	
H Height, empty	1 415								1 385		1 415				1 400				1 425	
K Ground clearance, laden	≥ 120																			

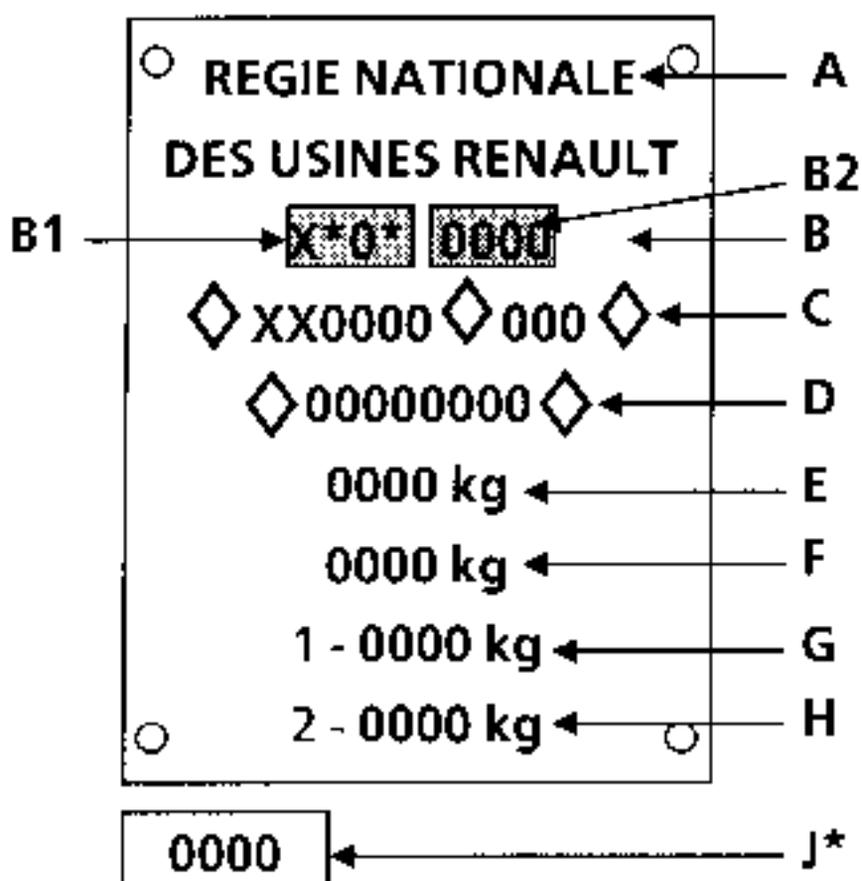
Dimensions in mm.

Vehicle type	Engine		Clutch type	Gearbox type
	Type	Capacity (cc)		
B/L/K 480	J8S	2068	200 CP 3 500	NG9
B/L/K/S 481	F2N	1721	200 CP 4 000 (or 425)	JB2 - JB3
B/L/K/S 482	F2N	1721	200 CP 4 000 (or 425)	JB2 - JB3
B/L/K 483	J7R	1995	215 DT 4 900 (or 475)	NG9
B/L/K 484	F2N	1721	200 CP 4 000	JB3
L 485	J7R Turbo	1995	235 CP 6 250	UN1 013
B/L/K/S 486	J8S	2068	200 CP 3 500 (or 375)	NG9
B/L/K 487	J8S	2068	215 DT 4 900	NG9
B/L/K 488	J8S Turbo	2068	215 DT 4 900 (or 475)	NG9
L 489	J6R	1995	215 DT 4 900 (or 475)	NG9
B/L/K 48 A	J8S	2068	215 DT 4 900	NG9
B/L/K 48 C	J7R	1995	215 DT 4 900	NG9
B/L 48 D	C2J	1397	180 CP 3 300	JB1
B/L/K 48 E	F3N	1721	200 CP 4 000	JB3
B/L/K 48 F	F3N	1721	200 CP 4 000	JB3
B/L/K/S 48 H/I	F8Q	1870	200 CPV 4 000	JB3
B/L/K 48 J	F2R	1965	200 CP 4 000 (or 425)	JB3
B/L/K 48 K	J7T	2165	215 DT 4 900	NG9
L 48 L	J7R	1995	235 CP 6 250	UN7
L/K 48 M	F2N	1721	200 CP 4 000	JB3
L/K 48 N	F2N	1721	200 CP 4 000	JB3
B/L/K 48 O	J8S	2068	200 CP 3 500	NG9
B/L/K 48 P	J8S	2068	215 DT 4 900	NG9
B/L 48 Q } B/L 48 Y }	J7R 12S	1995	215 CP 4 500	NG9
B/L/K 48 R	J7R	1995	215 DT 4 900	NG9 - UN7
B/L/K/S 48 V	J8S -	2068	200 CP 3 500	NG9
B/L/K 48 W	J8S Turbo	2068	215 DT 4 900	NG9
K 483 : 4 x 4	J7R	1995	215 DT 4 900	NG7
K 486 : 4 x 4	J8S	2068	200 CP 3 500	NG7
K 48 K : 4 x 4	J7T	2165	215 DT 4 900	NG7
B/L/K 483 AT	J7R	1995	Converter	MJ3 AR4
B/L/K 48K AT	J7T	2165	Converter	MJ3 AR4
L 489 AT	J6R	1995	Converter	MJ3
B/L/K/S 482 AT	F2N	1721	Converter	AD4
B/L/K 48 E AT	F3N	1721	Converter	AD4
B/L/K 48 C AT	J7R	1995	Converter	AR4

**Equipment version numbers**

	Good road		Poor road		Special equipment	
Up to JUNE 89	LH drive series 100	RH drive series 600	LH drive series 200	RH drive series 700	LH drive series 200	RH drive series 700
	Good road				Cross country	
Since JUNE 89	LH drive series 10 to 49	RH drive series 70 to 89			LH drive series 50 to 69	RH drive series 90 to 99

The vehicle is identified by one or two plates: one rectangular plate and one oval plate on the front RH shock absorber turret

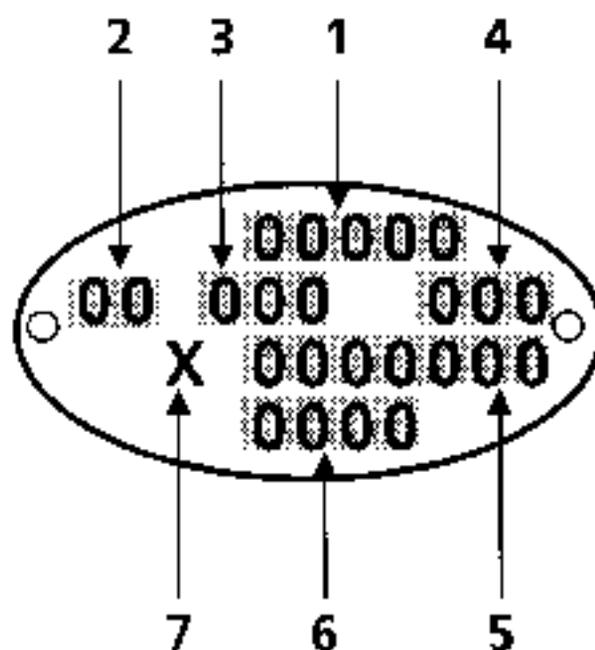


**Rectangular plate\***

This shows :

- At A : The manufacturer's name
- At B : The EEC type approval number comprising:
  - At B1: The identification number for the country that granted EC type approval
  - At B2: The type approval number associated with the French type code
- At C : The vehicle type code preceded by the manufacturer's worldwide identification code (for example, VF1 is Renault France)
- At D : Chassis number
- At E : Maximum permissible weight
- At F : The total train weight
- At G : Maximum permissible front axle loading
- At H : Maximum permissible rear axle loading
- At J\* : The model year or the paint identification code

\* **Note:** The plate shown above is in its most complete form. Certain of these items may not be displayed on some export models.



**OVAL PLATE**

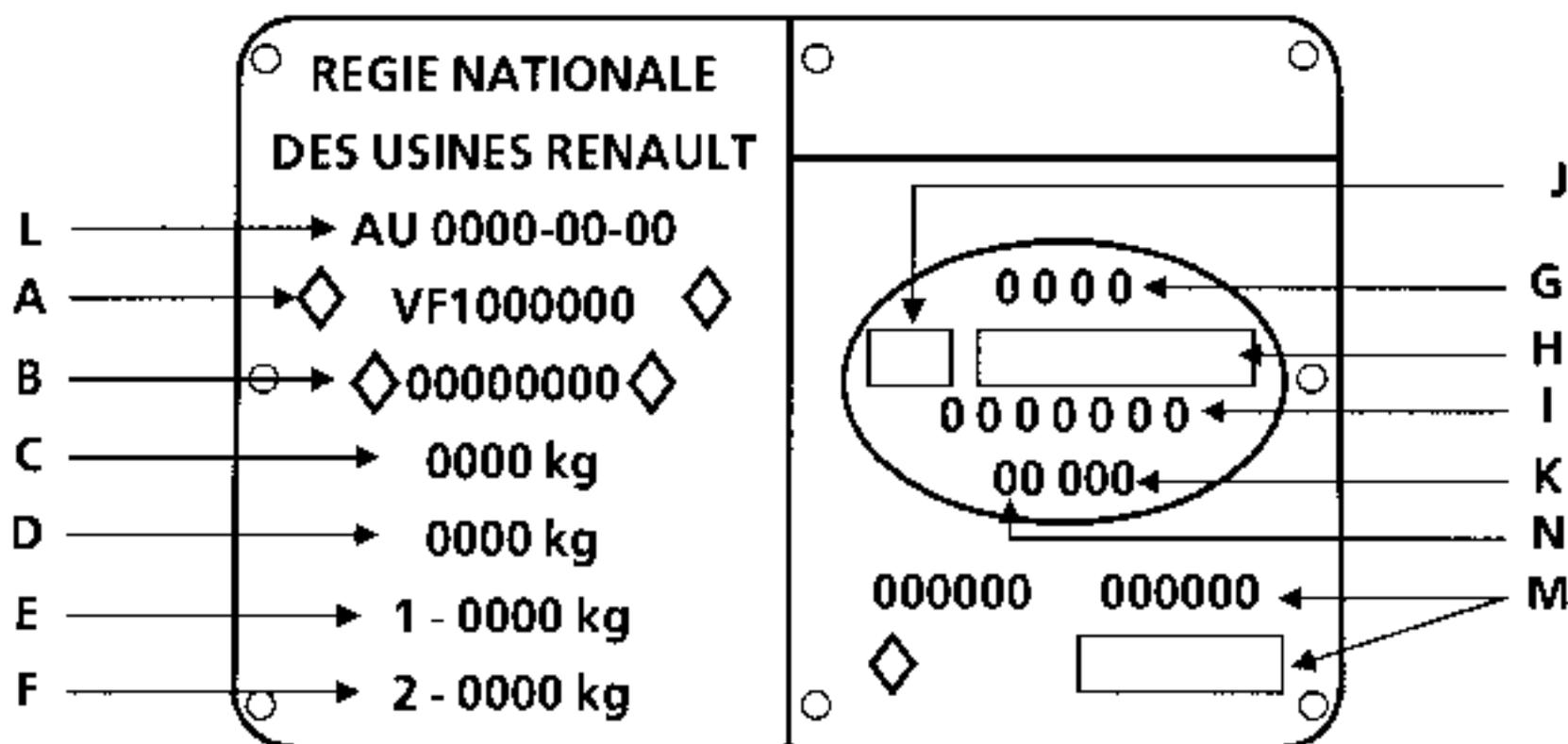
This shows:

- At 1 : The vehicle type
- At 2 : Any special features\*
- At 3 : The basic equipment version\*
- At 4 : Options
- At 5 : The fabrication number
- At 6 : The 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
- G Yugoslavia
- H Haren
- J Billancourt
- K Dieppe
- Q A.M.C.
- S Sandouville
- T Matra
- U Maubeuge
- W Ireland
- X Heuliez

\* DEPENDING ON THE COUNTRY OR VERSION.

Single plate\* until 1991 model

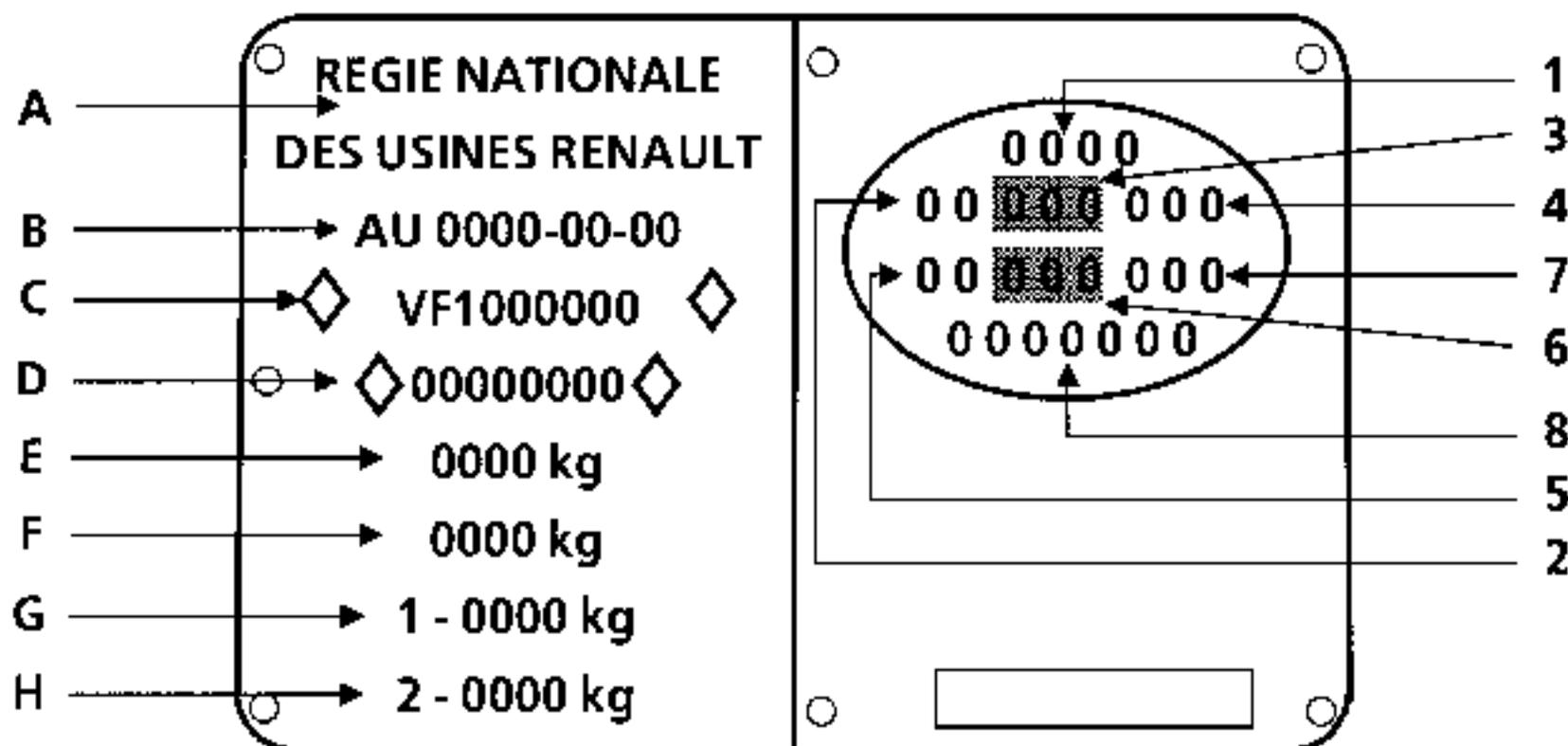


It shows:

- At A : The vehicle type code (VF1 corresponds to Renault France)
- At B : The chassis number
- At C : The maximum permissible weight (GVW)
- At D : The total train weight (TTW)
- At E : The maximum permissible front axle loading
- At F : The maximum permissible rear axle loading
- At G : The vehicle type number
- At H : The equipment version and option number
- At I : The fabrication number
- At J : Any special features
- At K : The original paint reference code \*
- At L : The EC type approval number
- At M : Any additional inscriptions
- At N : Trim code (optional).

\* Certain of these items of information may not be displayed on some export models.

Single plate\* from the 1992 model onwards



This shows :

- At A : The manufacturer's name
- At B : The EC type approval number
- At C : The vehicle type code preceded by the manufacturer's world-wide identification code (for example, VF1 is RENAULT FRANCE),
- At D : The chassis number
- At E : The maximum permissible weight (GVW)
- At F : The total train weight (TTW)
- At G : The maximum permissible front axle loading
- At H : The maximum permissible rear axle loading
- At 1 : The vehicle type
- At 2 : The first figure indicates the gearbox or heavy options, the second figure shows the equipment level
- At 3 : The technical equipment number
- At 4 : Optional factory fitted equipment
- At 5 : Trim code
- At 6 : Paint reference code
- At 7 : The equipment level
- At 8 : A letter indicating the factory of manufacture followed by the fabrication number.

**IMPORTANT:** The seven characters in the fabrication number cannot be split. For vehicles manufactured before this date the fabrication number contains seven figures.

\* Certain of these items of information may not be displayed on some export models.

ESSENTIAL SPECIAL TOOLS	
Cha. 280-02	Pad for fitting trolley jacks
Cha. 408-02	Socket for fitting to trolley jack

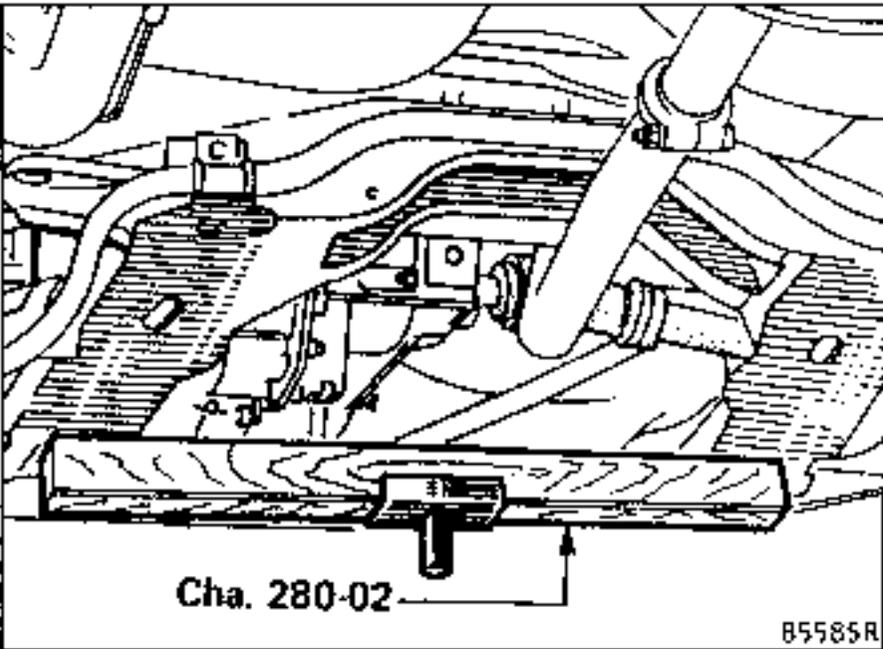
It is forbidden to lift the vehicle by taking the load under the front suspension arms. If necessary, fit socket Cha. 408-02 to the trolley jack as an adaptor for pad Cha. 280-02.

**LIFTING WITH A TROLLEY JACK FROM THE FRONT**

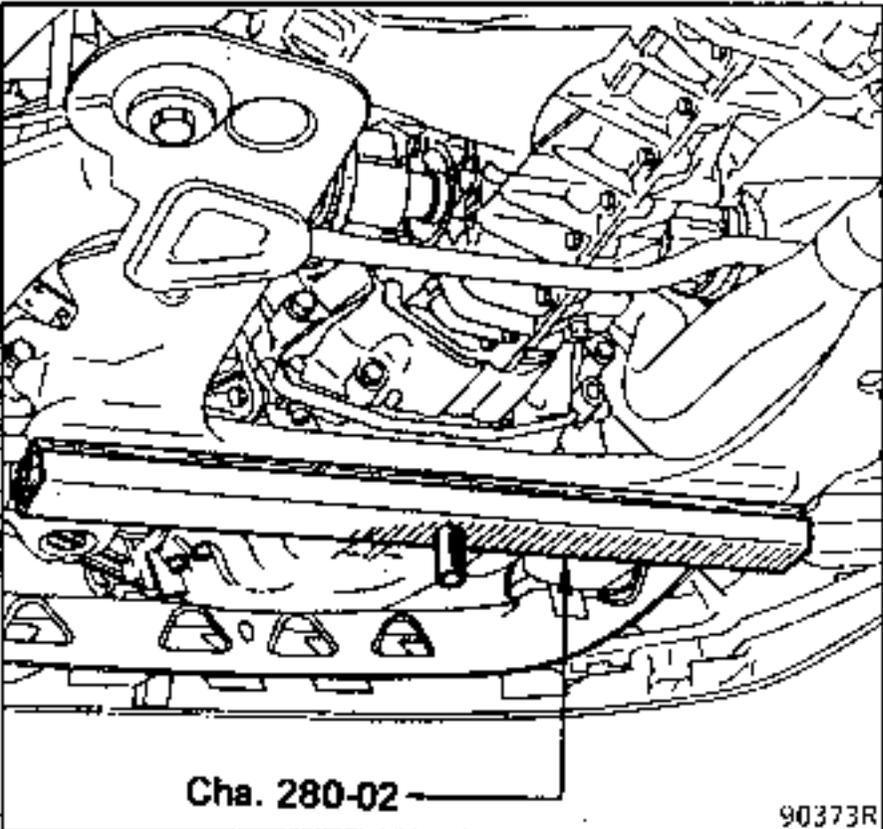
Apply the handbrake or place chocks behind the rear wheels.

Use pad Cha. 280-02.  
Take the load under the front sub-frame.  
Ensure that the pad does not touch the gearbox or the exhaust downpipe.

**Transverse engines**

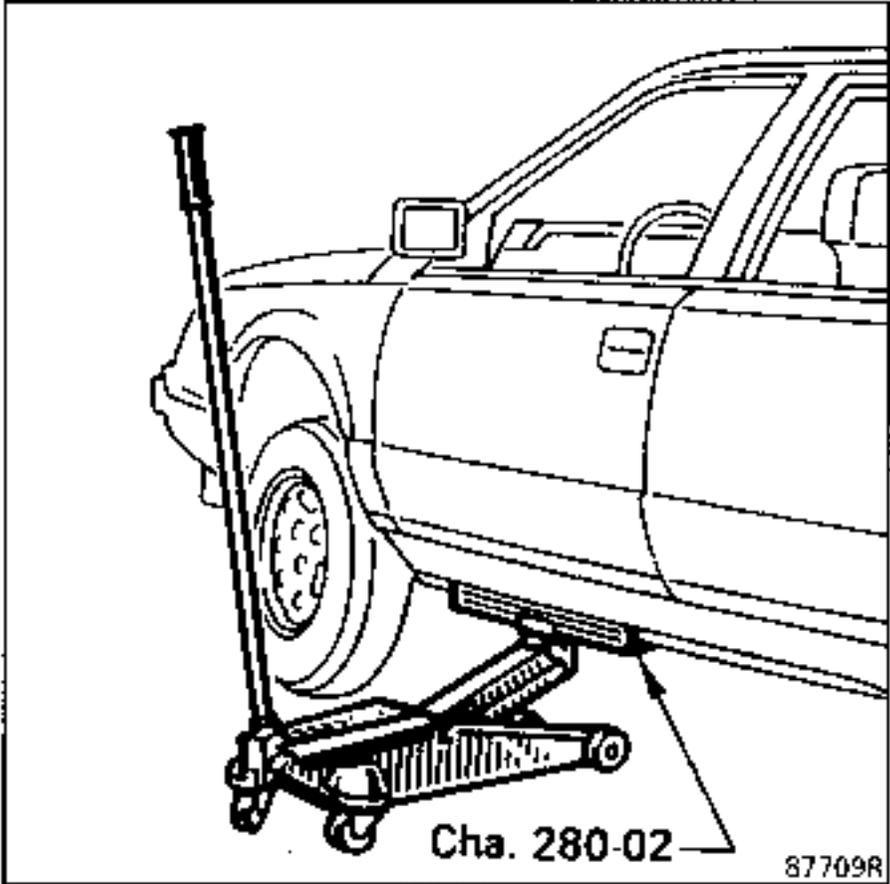


**Longitudinal engines**



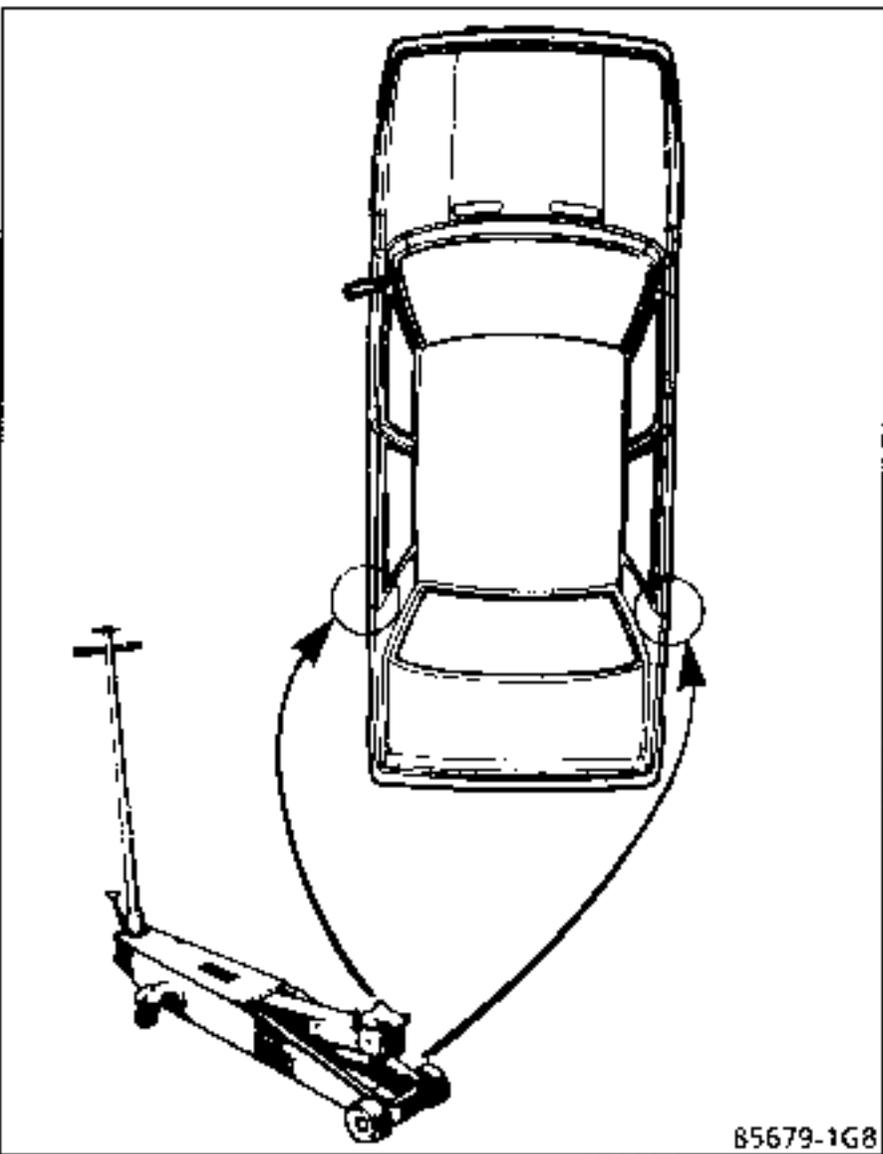
**LIFTING WITH A TROLLEY JACK FROM THE SIDE**

Use pad Cha. 280-02.  
Take the load on the body sill under the front door.  
Ensure that the body sill flange is located in the slot in the pad.

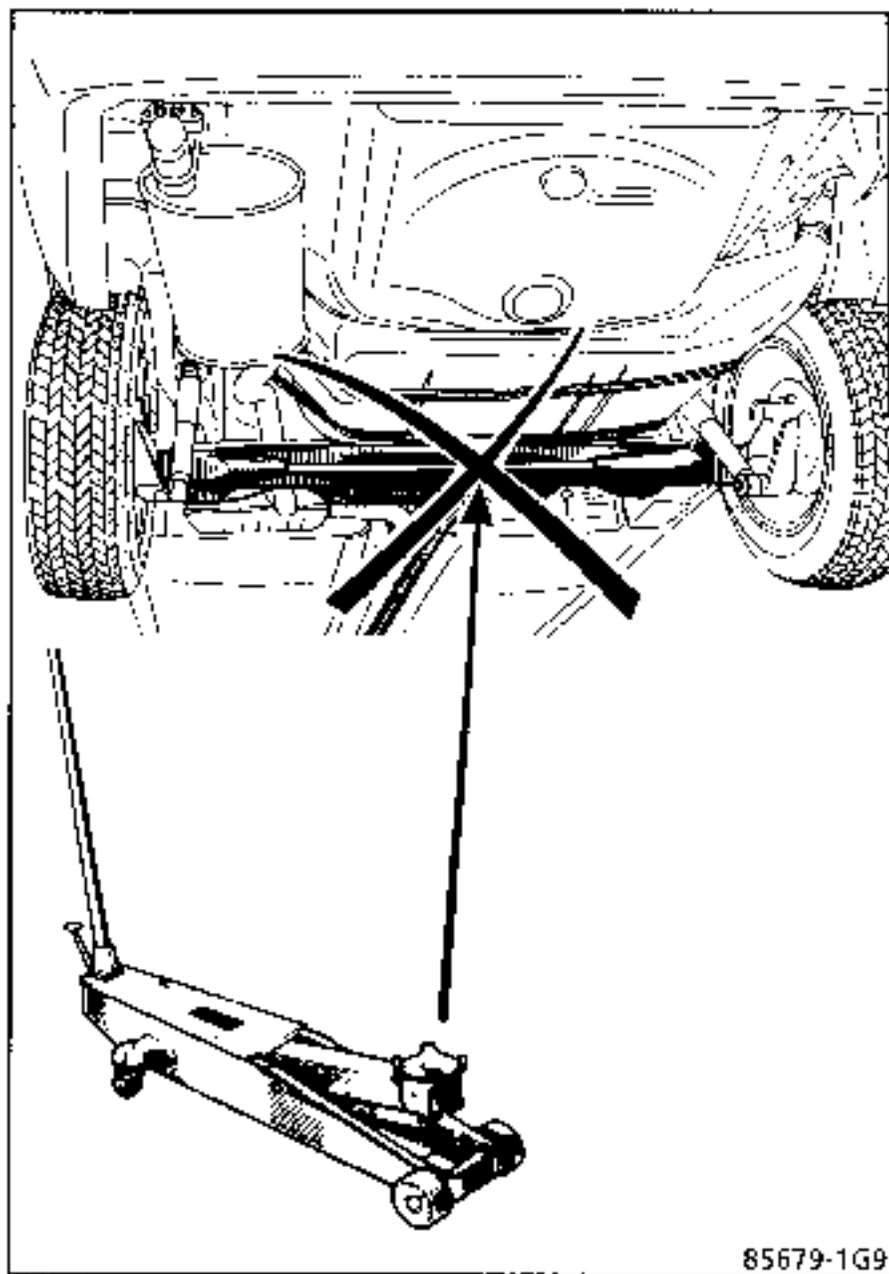


**LIFTING WITH A TROLLEY JACK FROM THE REAR**

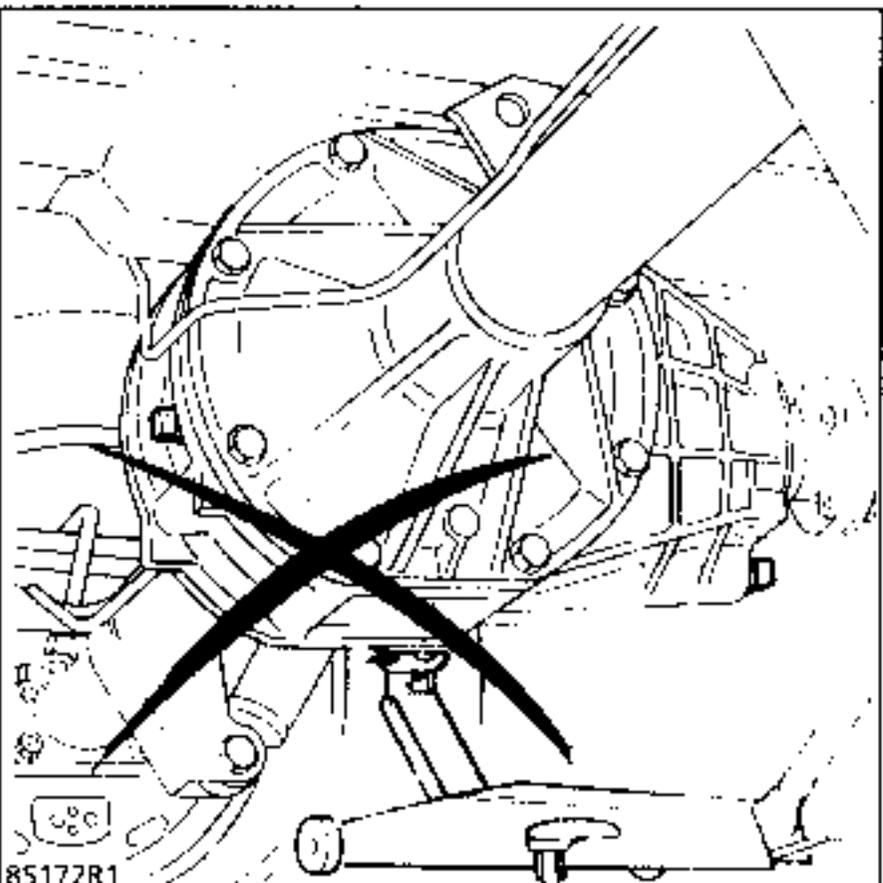
It is **FORBIDDEN** to lift the rear of the vehicle taking the load under the rear axle. Lift each wheel separately, taking the load at the jacking points provided for the vehicle jack.



It is **FORBIDDEN** to place the jack under the rear axle V section to lift the vehicle .

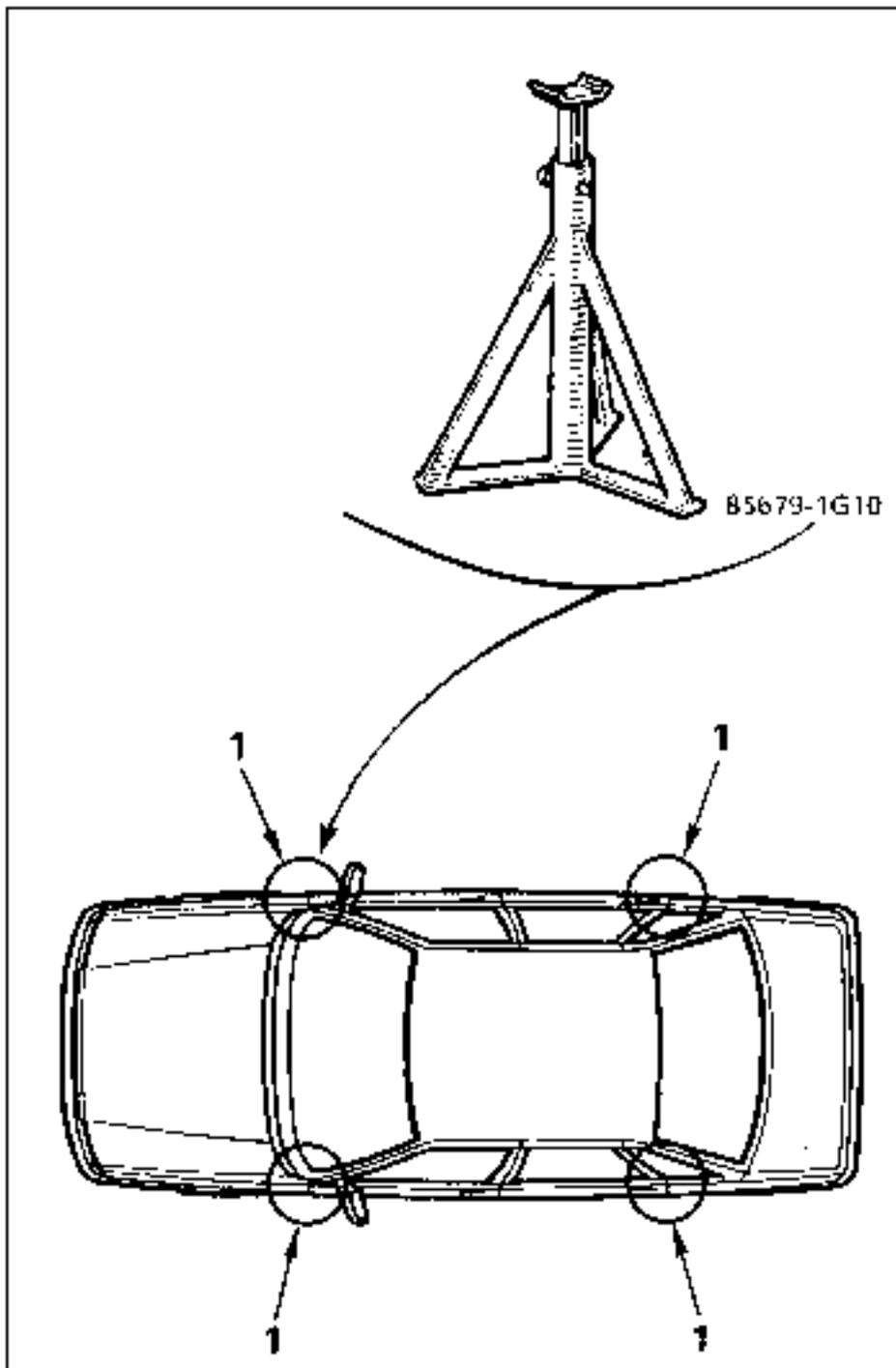


**NEVER LIFT A VEHICLE BY TAKING THE LOAD UNDER THE FINAL DRIVE UNIT**



If the vehicle is to be supported on stands they must be placed under the jacking points (1) provided for lifting the vehicle with its own jack.

Place the stands under the rear of the vehicle by lifting it from the side.



### SAFETY INSTRUCTIONS

Several sets of circumstances must be considered:

#### 1. SPECIAL CASE OF REMOVING - REFITTING POWER UNIT ASSEMBLY STILL SECURED TO ITS SUB-FRAME

Before all else, could you please note that this operation is **only to be carried out** if **body repair operations require it** (replacing a side member for example, that is to say if the vehicle is to be mounted on the jig bench).

In this specific case, the **vehicle body must first be secured** to the arms of the two column lift.

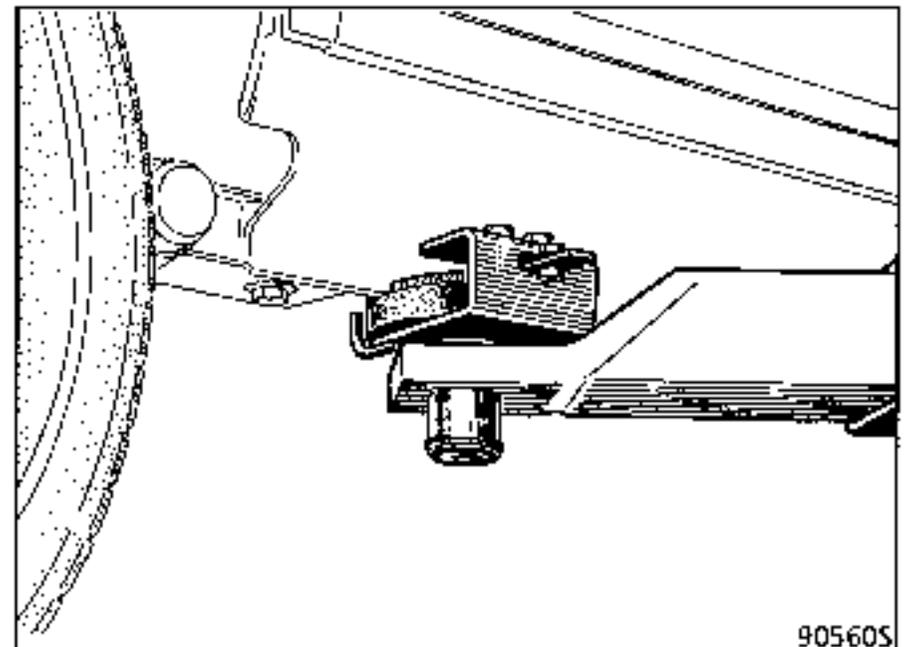
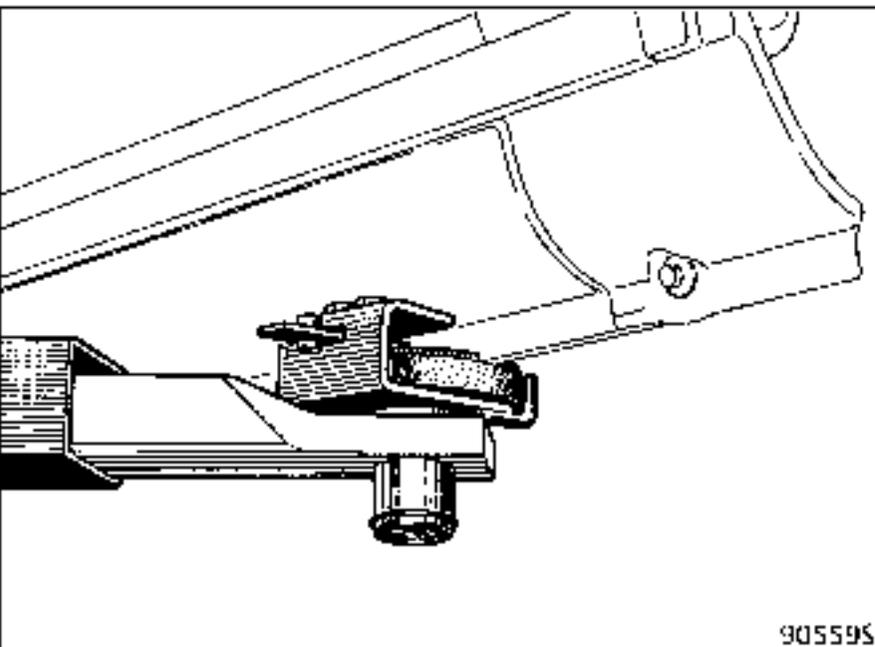
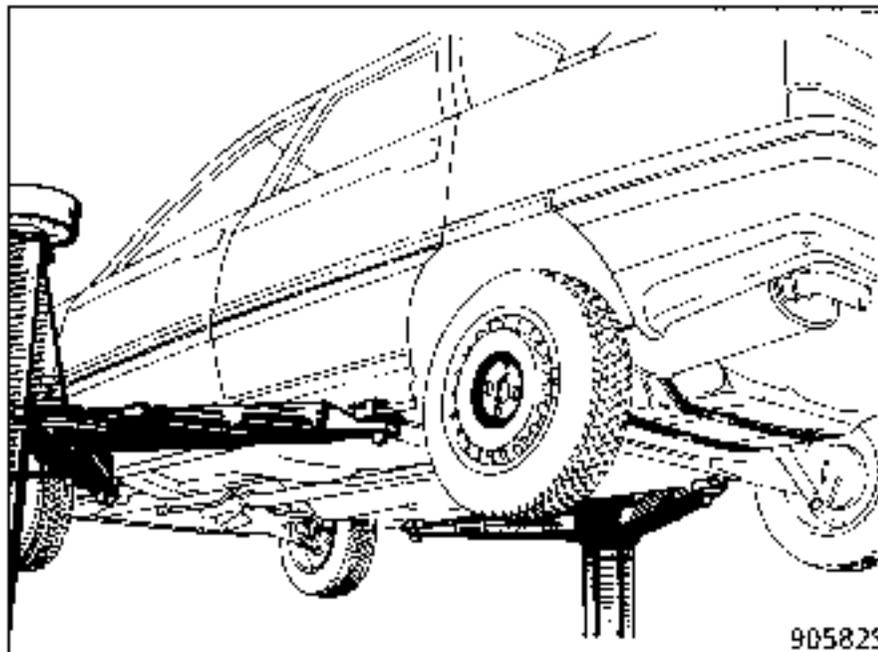
The FOG company markets a set of special pads for this purpose.

Part No. FOG 449 B111 - 449 8411.

or CHEMICO, Part No. 39 2550 0001

or SCHENCH, Part No. 776 684

These must be placed under the jacking points and clipped into the apertures in the body sill flanges.



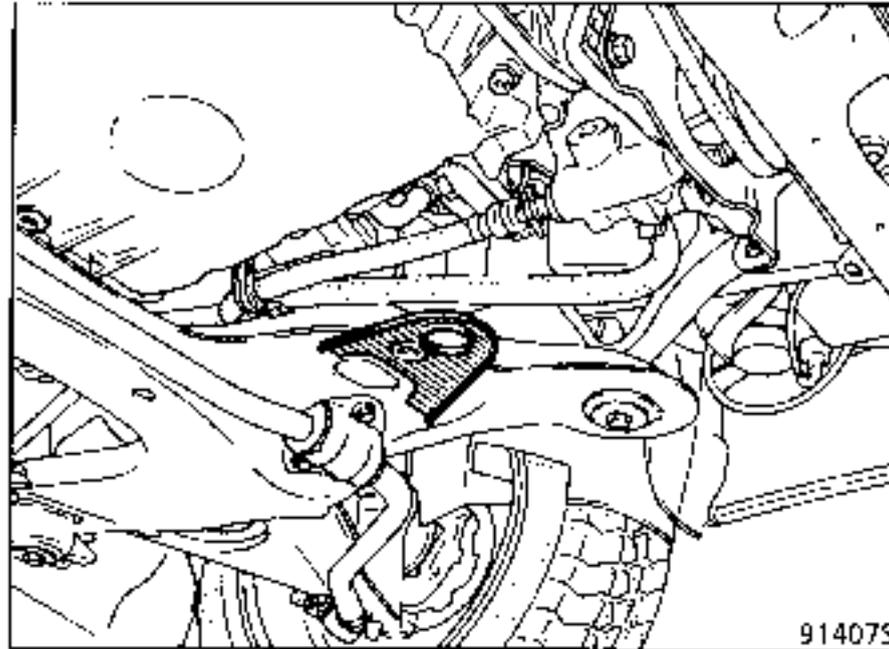
#### 2. FOR ALL OTHER CASES OF LIFTING THE VEHICLE (carrying out operations under the vehicle without removing component units)

The lifting pads must always be placed under the vehicle jacking points.

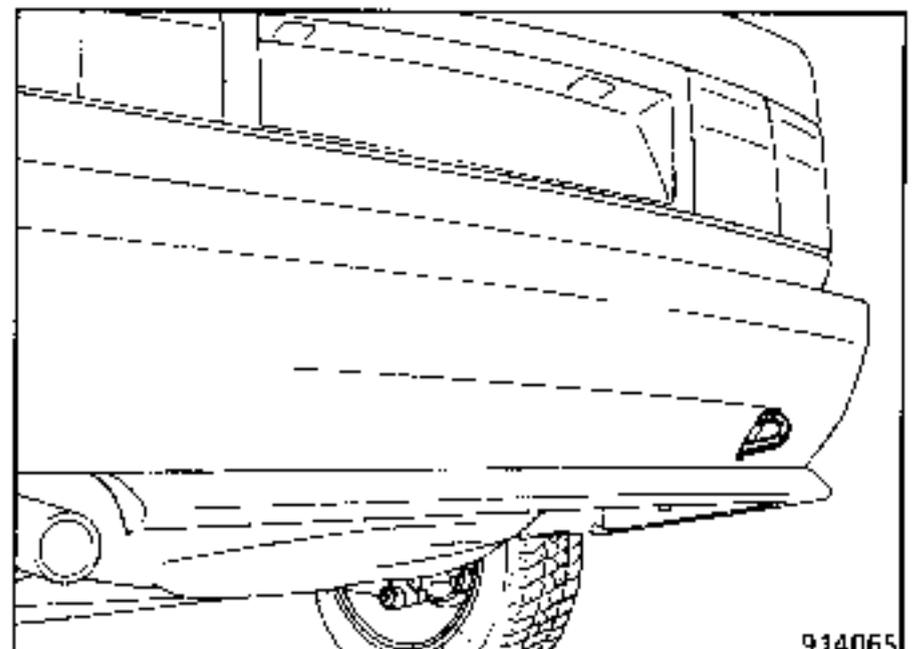
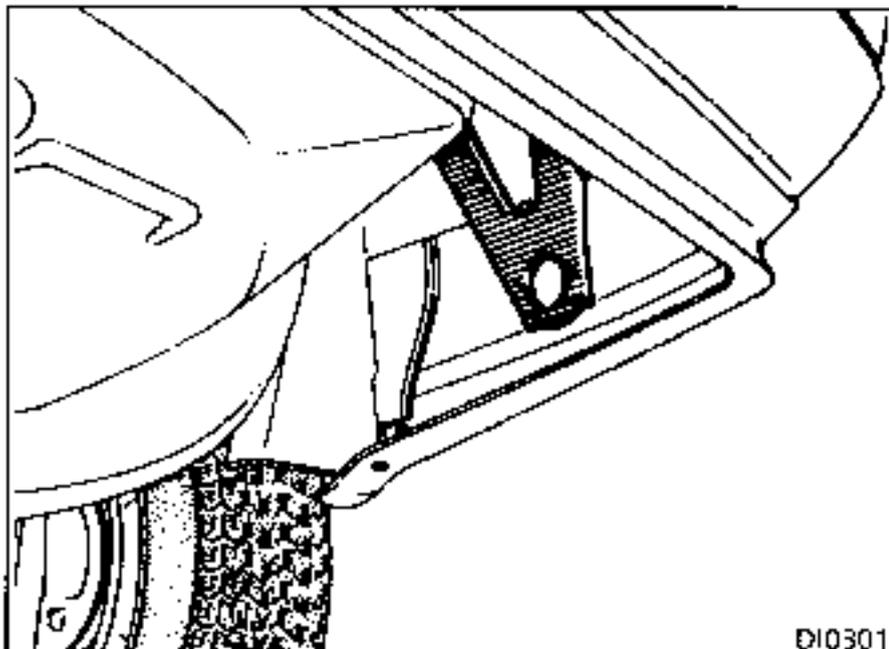
**IMPORTANT:** Take great care when positioning the front right-hand pad to avoid damaging the fuel pipes (which are inside the black plastic cover).

The towing eyes are only to be used for towing the vehicle on the road. Under no circumstances are they to be used to pull the vehicle out of a ditch or for any other similar operation. Neither are they to be used for lifting the vehicle, either directly or indirectly.

FRONT



REAR



The design of this vehicle (the fact that there is a permanent drive to all four wheels without any possibility of disconnecting it) means that the front and the rear wheels must always turn at roughly the same speed: if not, **THE VISCOUS COUPLING MAY BE IRREPARABLY DAMAGED.**

This is why, in the case of breakdown, **THE VEHICLE MUST BE TRANSPORTED :**

- **ON A PLATFORM (with all four wheels stationary),**
- **BY TOWING, ON ALL FOUR WHEELS** (if such an operation is authorised by the regulations of the country concerned).

**IT IS FORBIDDEN TO TOW THE VEHICLE :**

- **WITH THE REAR AXLE LIFTED.**
- **WITH THE FRONT AXLE LIFTED.**

**ATTENTION :**

If, for any exceptional reason, it must be towed with the front wheels lifted, **IT IS ESSENTIAL FIRST TO REMOVE THE LONGITUDINAL TRANSMISSION SHAFT** (see section 29).

**Conventional 4 × 4 :** when towing this type of vehicle, the differential must be in the unlocked position. It is preferable to deliver the vehicle in the 4x2 configuration.

### **WHEN THE VEHICLE IS BEING DRIVEN**

The automatic transmission is pressure-lubricated and therefore is only lubricated if the engine is running.

Consequently, there is a risk of serious damage to the transmission if the following instructions are not observed:

- Never allow the vehicle to coast with the ignition switched off (down an incline, for example). We cannot emphasise enough the dangers of such a practice.
- Never push the vehicle (for example, to a filling station) without first taking the precautions described in the section "Towing the vehicle".

Furthermore, as the wheels are only driven when the engine is running, it is impossible to start an automatic transmission vehicle by pushing it.

Neither must the wheels be dynamically balanced whilst still on the vehicle.

### **TOWING**

The front of the car must be lifted. If this is not possible, under exceptional conditions the vehicle can be towed with its wheels on the ground as long as the following requirements are adhered to:

#### **On vehicles with MJ-AD4 automatic transmissions**

1. Pour an additional two litres of transmission fluid to the transmission (ELF Renaultmatic D2 or Mobil ATF 220),
2. Do not tow the vehicle at speeds above 20 mph (30 km/h) and for a distance of no more than 30 miles (50 km) (with the shift lever in N).

**Do not forget to remove the excess transmission fluid after this operation.**

#### **On vehicles with AR4 automatic transmission**

The vehicle must not be towed at speeds of more than 25 mph (40 km/h) and the distance must be no more than 15 miles (25 km).

Unit	Capacity in litres	Grade	Special features
Petrol engines (oil) C2J F2N F3N F2R J7R J6R J7T J7R 12S turbo	At oil changes 3 4.8 4.8 4.8 6 6 6 5 (plus 0.5 litre for the oil filter)	EC countries PETROL (except Turbo and Biturbo) -15°C	<p>Temperature range: -30°C to +30°C</p> <p>Oil grades for EC countries (except Turbo and Biturbo):</p> <ul style="list-style-type: none"> <li>CCMC-G4 15W40 - 15W50</li> <li>CCMC-G5 10W30 - 10W40 - 10W50</li> <li>CCMC-G5 5W30</li> <li>CCMC-G5 5W40 - 5W50</li> </ul>
		PETROL Turbo and Biturbo -15°C	<p>Temperature range: -30°C to +30°C</p> <p>Oil grades for Turbo and Biturbo:</p> <ul style="list-style-type: none"> <li>CCMC-G4 15W50</li> <li>CCMC-G5 10W50</li> <li>CCMC-G5 5W40 - 5W50</li> </ul>
		Other countries PETROL -15°C	<p>Temperature range: -30°C to +30°C</p> <p>Oil grades for Other countries:</p> <ul style="list-style-type: none"> <li>API SG 15W40 API SH 15W40</li> <li>API SG 10W40 API SH 10W40</li> <li>API SG 10W30 API SH 10W30</li> <li>API SG 5W30 API SH 5W30</li> </ul>



Unit	Capacity in litres	Grade	Special features
Gearbox UN1 UN7 JB1 JB2 JB3 NG7 NG9	3 3.35 3.4 3.25 3.4 2.4 2.2	All countries : Tranself TRX 80W or TRX 75W80W (Standards API GL5 or MIL-L 2105C or D)	
MJ3	6	Box : ELF Renault Matic D2 or Mobil ATF 220	
AR4	5.7	Box : ELF Renault Matic D2 or Mobil ATF 220	Final drive : ELF tranself TRX 80W
AD4	5.7		
Braking system	0.7 ABS 1.2	SAE J 1703 and DOT 3 or DOT 4	Brake fluids must be of a type approved by our design office.
Fuel tank	66 or 62 (4 x 4)	See driver's hand-book	
Power steering	1.1	Elf Renault matic D2 or Mobil ATF 220	

Cooling system, Engines	Capacity in litres depending on version				Grade, Special features
	Phase I	Phase II	AC	AT	
C2J	5.5	5.5	-	-	Glacool RX (type D) Add only demineralised water.  Protection down to - 21 °C for temperate, hot and cold climates.
F2N	5.2	6.4	6.4	-	
F2R	7	7	7	-	
F3N mono	4.7	6	-	-	
F3N multi	4.7	6	6	-	
F8Q	-	7	-	-	
J6R	6.8	6.8	6.8	7.2	
J7R	6.8	6.8	7	7.2	
J7R Turbo	6.2	6.2	6.2	-	
J7R 12S	-	7.1	7.1	-	
J7T	5.7	5.7	7	7.2	
J8S	7.1	-	-	-	
J8S Turbo	7.2	7.2	7.2	-	Protection down to - 37 °C for very cold cli- mates.

DESCRIPTION	PACK SIZE	PART NO.
<b>GREASES</b>		
<ul style="list-style-type: none"> <li>● <b>MOLYKOTE "BR2"</b> For crankpin journals, release bearing guide tube, clutch fork trunnions, lower suspension arm bearings, torsion bar splines, steering box and transmission splines.</li> </ul>	1 kg tin	77 01 421 145
<ul style="list-style-type: none"> <li>● <b>MOLYKOTE "33 Medium"</b> Tubular rear axle bushes. Anti-roll bar bushes.</li> </ul>	100 g tube	77 01 028 179
<ul style="list-style-type: none"> <li>● <b>MOLYKOTE CU 7439</b> (High-temperature grease) Turbo etc.</li> </ul>	1 kg tin	77 01 417 627
<ul style="list-style-type: none"> <li>● <b>ANTI-SEIZE</b> (High-temperature grease) Turbo etc.</li> </ul>	80 ml tube	77 01 422 307
<ul style="list-style-type: none"> <li>● <b>"MOBIL CVJ" 825 Black star</b> or <b>MOBIL EXF57C</b> For drive shaft seals.</li> </ul>	180 g sachet	77 01 366 100
<ul style="list-style-type: none"> <li>● <b>MULTI-PURPOSE GREASE</b> Wheel sensor.</li> </ul>	Aerosol	77 01 422 308

<b>MECHANICAL UNIT SEALS</b>		
<ul style="list-style-type: none"> <li>● <b>"LOWAC" perfect-seal</b> Sealing fluid.</li> </ul>	100 g tube	77 01 417 404
<ul style="list-style-type: none"> <li>● <b>Mastic</b> For sealing exhaust pipe joints.</li> </ul>	1.5 kg tin	77 01 421 161
<ul style="list-style-type: none"> <li>● <b>"CAF 4/60 THIXO"</b></li> </ul>	100 g tube	77 01 421 042 77 01 404 452
<ul style="list-style-type: none"> <li>● <b>HARDENER KIT</b> <b>"CAF 4/60 THIXO"</b> For bearing cap side seals.</li> </ul>	Kit	77 01 421 080
<ul style="list-style-type: none"> <li>● <b>AUTO blue seal</b> Sealing paste.</li> </ul>	100 g tube 45 g tube	77 01 396 227 77 01 397 027

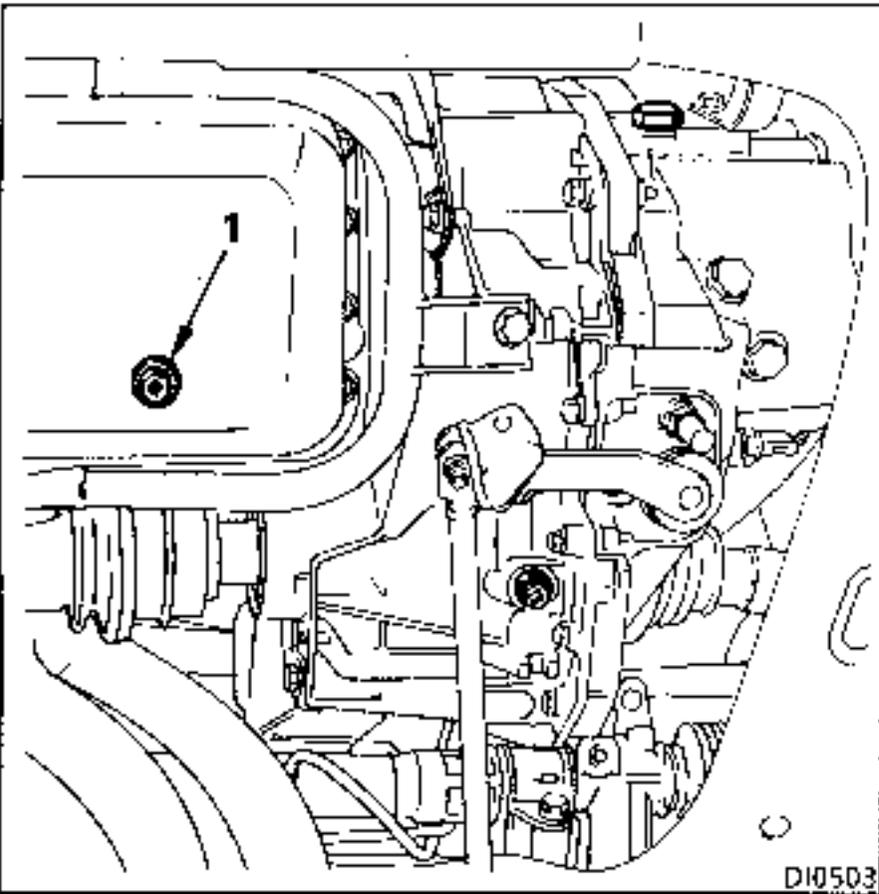
Description	PACK SIZE	PART NO.
<b>MECHANICAL UNIT SEALS</b>		
<ul style="list-style-type: none"> <li>● <b>AUTO grey seal</b> Sealing compound.</li> </ul>	100 g tube	77 01 422 750
<ul style="list-style-type: none"> <li>● <b>LOCTITE 518</b> For sealing the gearbox housing.</li> </ul>	24 ml syringe	77 01 421 162
<ul style="list-style-type: none"> <li>● <b>Leak detector</b></li> </ul>	Aerosol	77 11 143 071
<b>ADHESIVES</b>		
<ul style="list-style-type: none"> <li>● <b>"LOCTITE - FRENANCH"</b> For locking bolts while still permitting their removal.</li> </ul>	24 cc flask	77 01 394 070
<ul style="list-style-type: none"> <li>● <b>"LOCTITE - FRENLOC"</b> For locking bolts.</li> </ul>	24 cc flask	77 01 394 071
<ul style="list-style-type: none"> <li>● <b>"LOCTITE SCEBLOC"</b> For bonding bearings.</li> </ul>	24 cc flask	77 01 394 072
<ul style="list-style-type: none"> <li>● <b>"LOCTITE AUTOFORM"</b> For bonding the flywheel to the crankshaft.</li> </ul>	50 cc flask	77 01 400 309
<b>CLEANERS - LUBRICANTS</b>		
<ul style="list-style-type: none"> <li>● <b>"NETELEC"</b> Release and lubricating agent.</li> </ul>	150 g aerosol	77 01 408 464
<ul style="list-style-type: none"> <li>● <b>NC1 cleaning agent</b> For cleaning electrical contacts.</li> </ul>	Aerosol	77 01 422 379
<ul style="list-style-type: none"> <li>● <b>Carburettor cleaner.</b></li> </ul>	250 ml can 300 ml aerosol can	77 01 393 112 77 01 393 111
<ul style="list-style-type: none"> <li>● <b>Injector cleaner.</b></li> </ul>	355 ml can	77 01 423 189
<ul style="list-style-type: none"> <li>● <b>Super-concentrate release agent.</b></li> </ul>	500 ml aerosol can	77 01 408 466
<ul style="list-style-type: none"> <li>● <b>"DECAPJOINT" (FRAMET)</b> for cleaning aluminium cylinder head gasket faces.</li> </ul>	Aerosol	77 01 405 952
<ul style="list-style-type: none"> <li>● <b>Brake cleaning agent.</b></li> </ul>	400 ml aerosol can	77 01 421 282

DESCRIPTION	PACK SIZE	MPR No.
<b>VARNISHES</b>		
● "CIRCUIT PLUS" Varnish for repairing heated rear screens	Flask	77 01 421 135
● "CONTACT PLUS" Varnish for repairing heated rear screen blade terminals	Kit	77 01 422 752
<b>BRAKES</b>		
● Brake fluid	0.5 litre flask DOT4	77 01 421 940
<b>AIR CONDITIONING</b>		
● ELF RIMA 100 compressor oil SANDEN SP20 compressor oil	250 ml (R12) 250 ml (R134a)	77 01 417 655 77 11 143 700

ESSENTIAL SPECIAL TOOLING

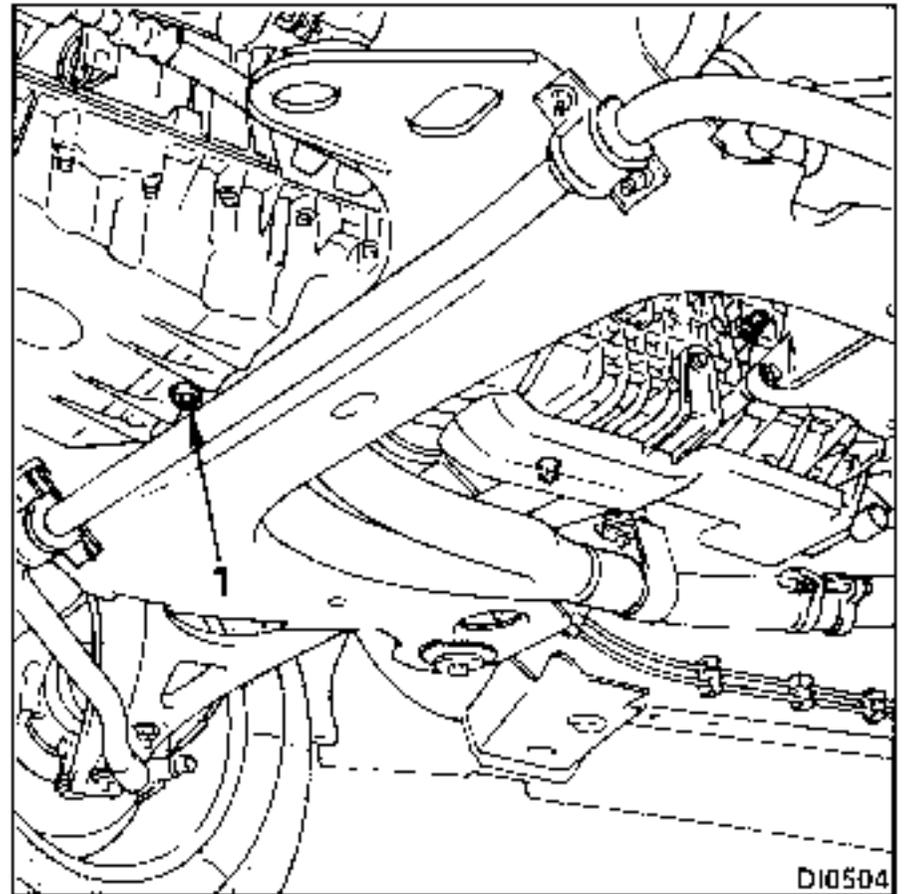
Engine drain plug spanner

DRAINING : Plug (1)



D10503

TRANSVERSE ENGINES

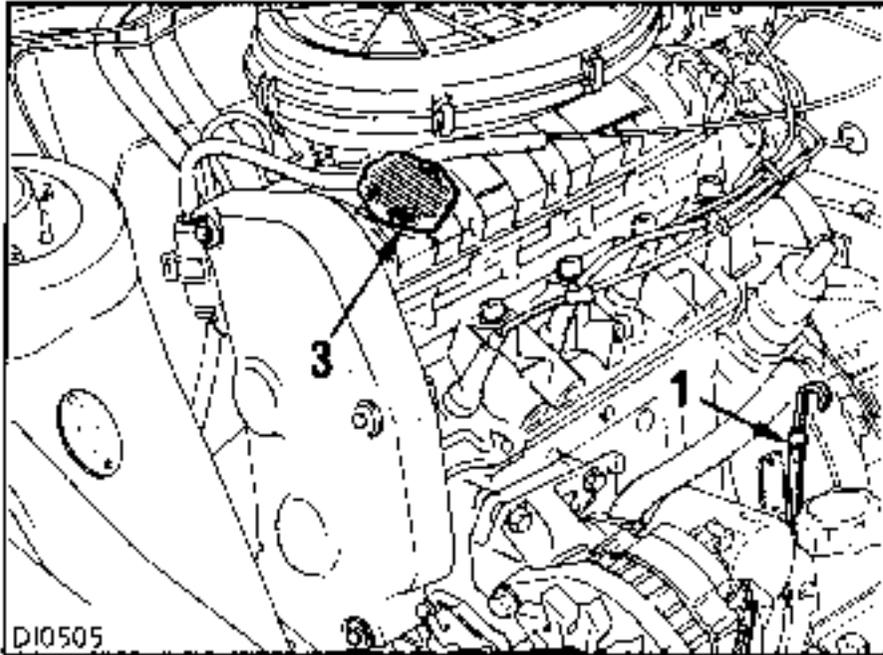


D10504

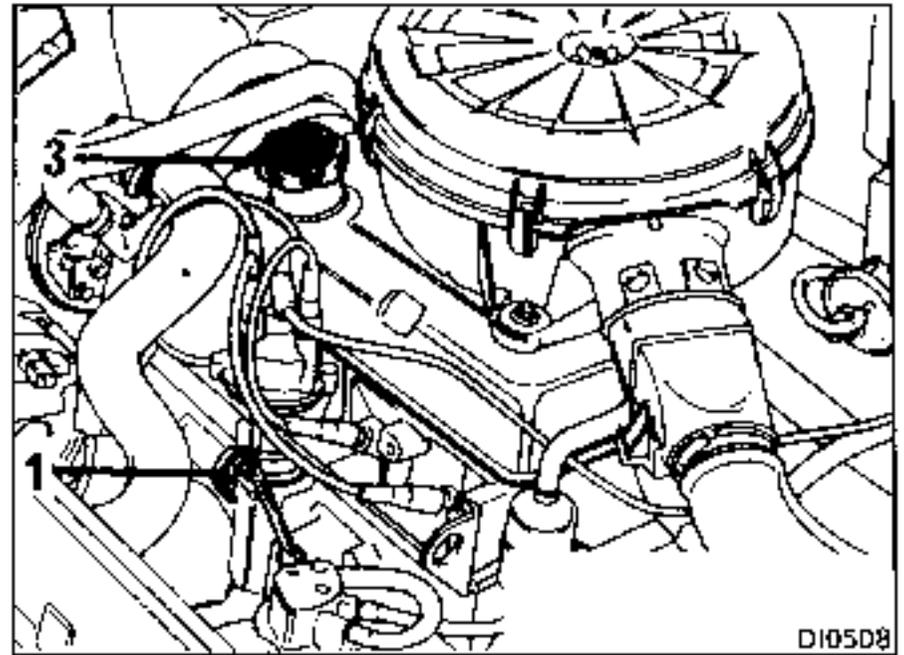
LONGITUDINAL ENGINES

FILLING : Drain plug (3), dipstick (1)

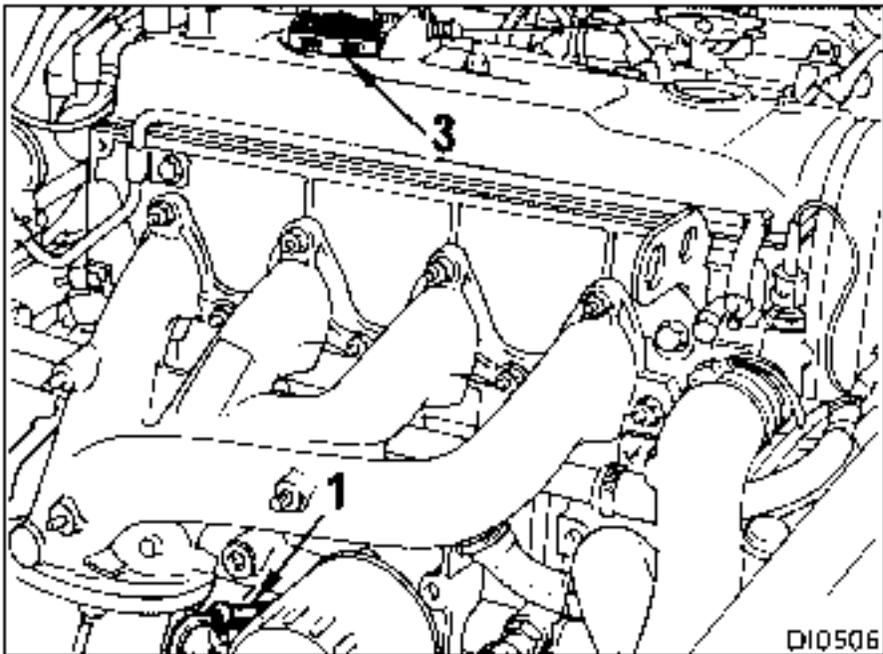
F2N - F2R ENGINES



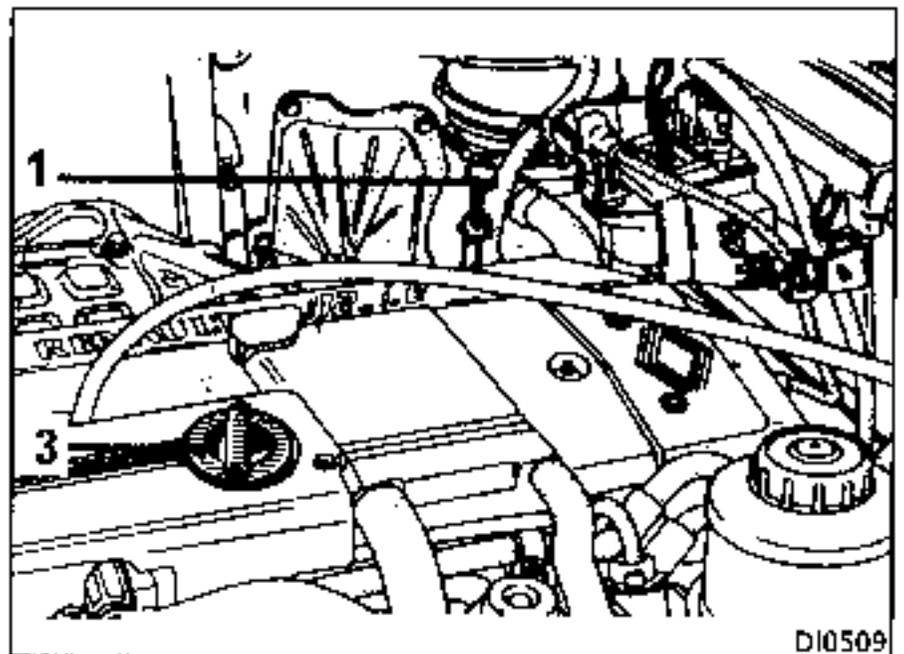
C2J ENGINE



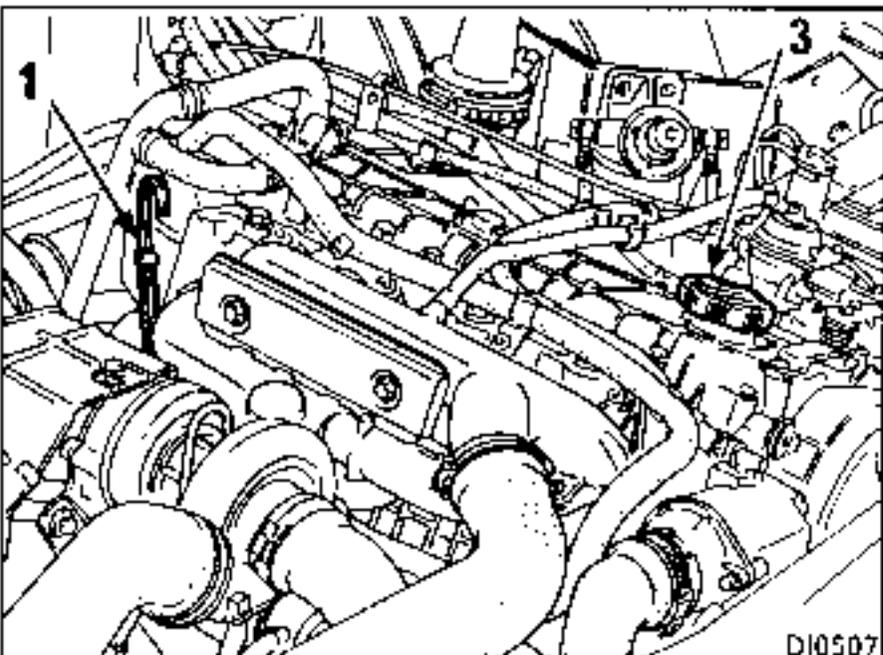
J7R - J6R - J7T ENGINES



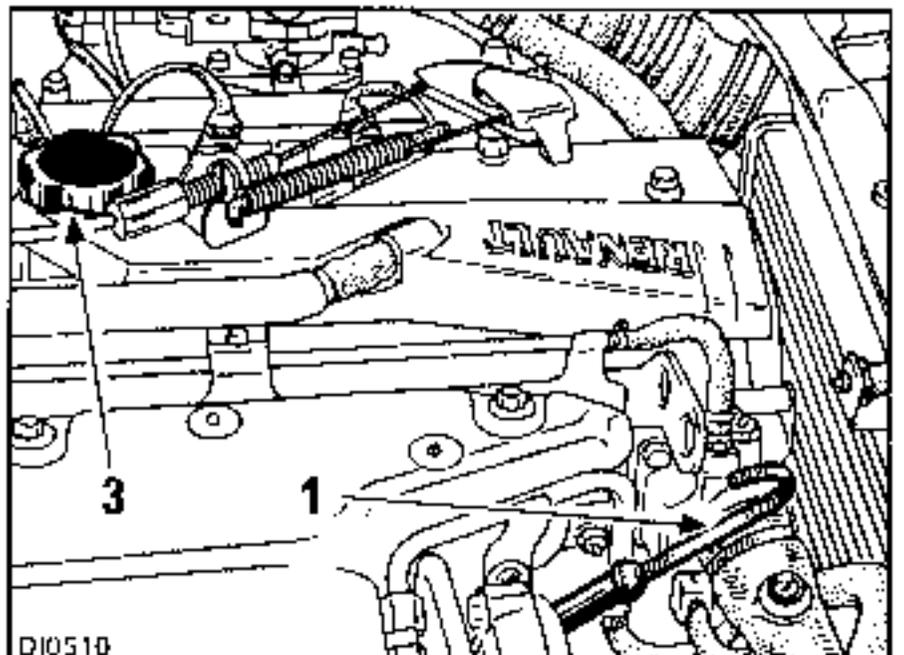
J7R 12-valve engine



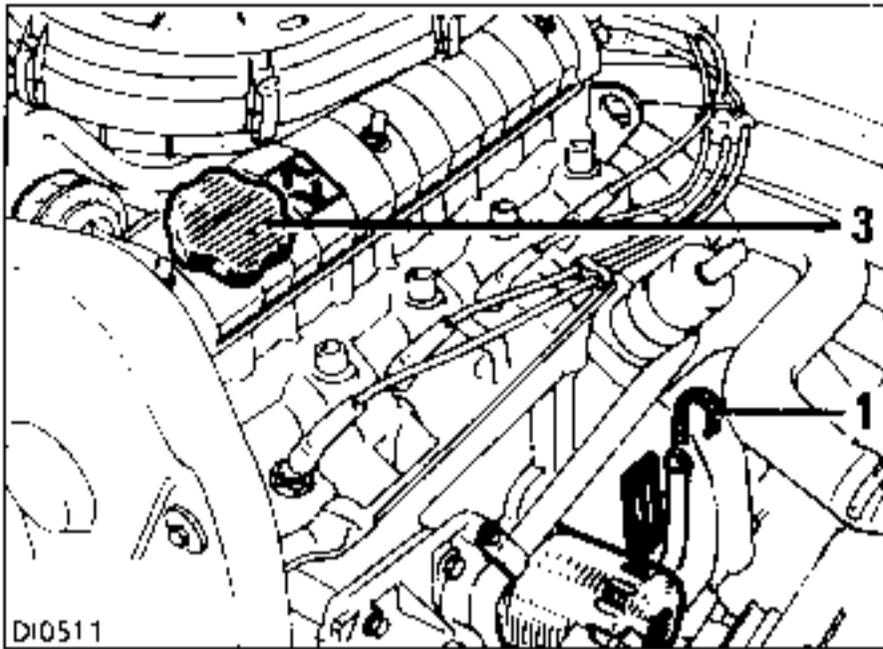
J85 TURBO ENGINE



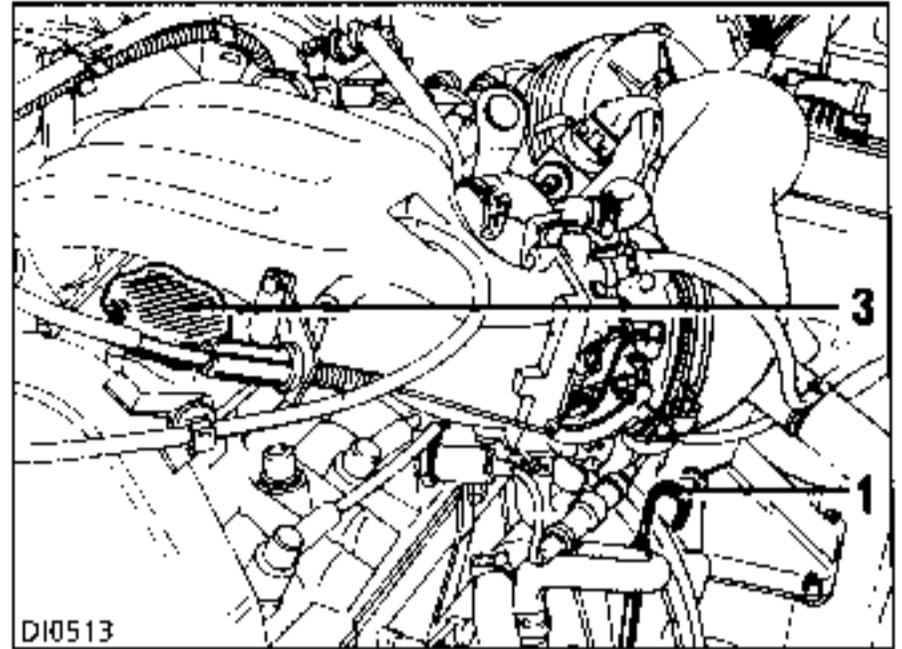
J7R TURBO ENGINE



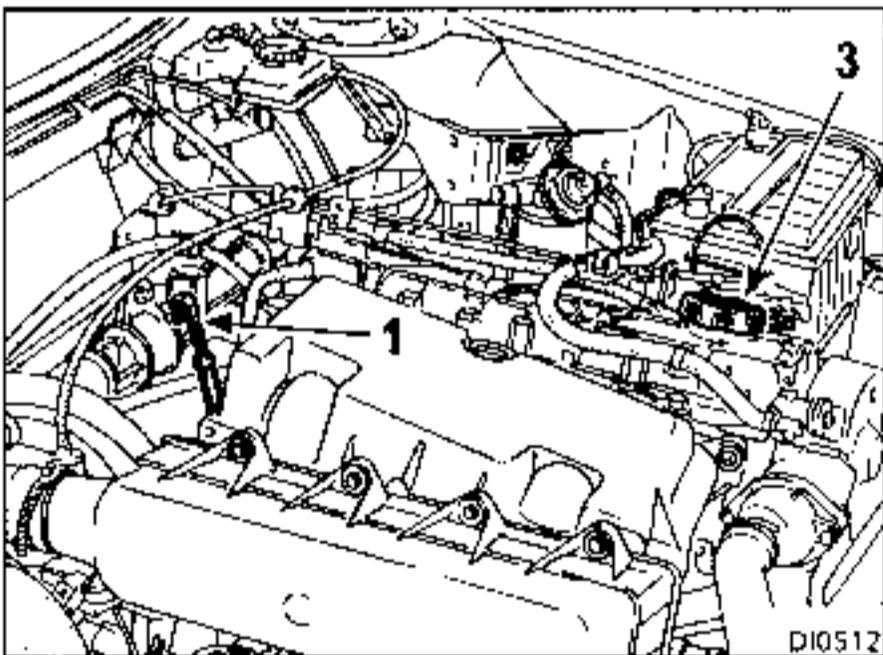
F3N MONOPOINT ENGINE



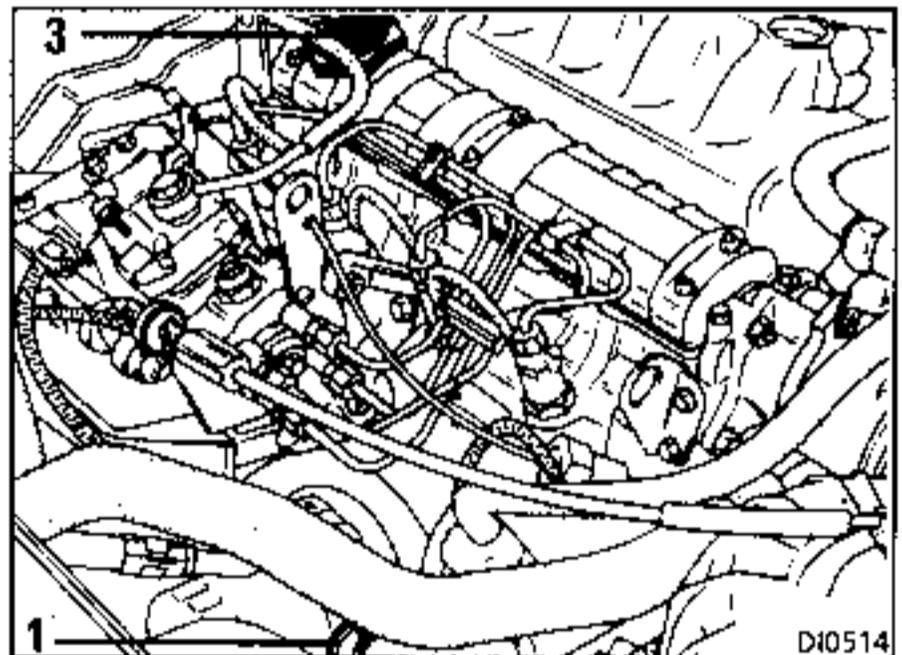
F3N MULTIPOINT ENGINE



J85 ENGINE



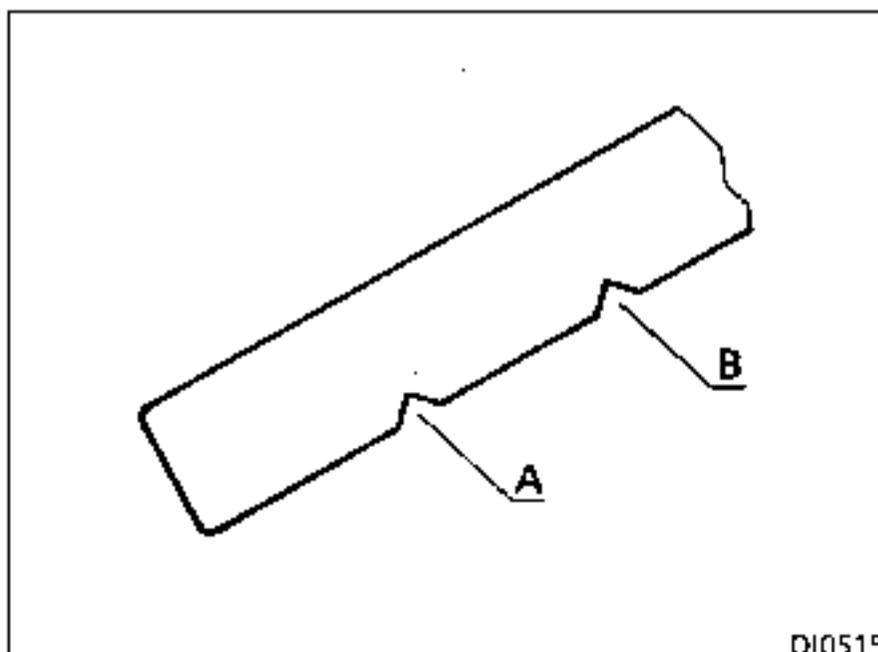
F8Q ENGINE



**Dipstick (1)**

- (A) Min. level
- (B) Max. level

The difference between the max. and min. levels is equivalent to approximately 2 litres except on the type C engine where it is 1 litre.

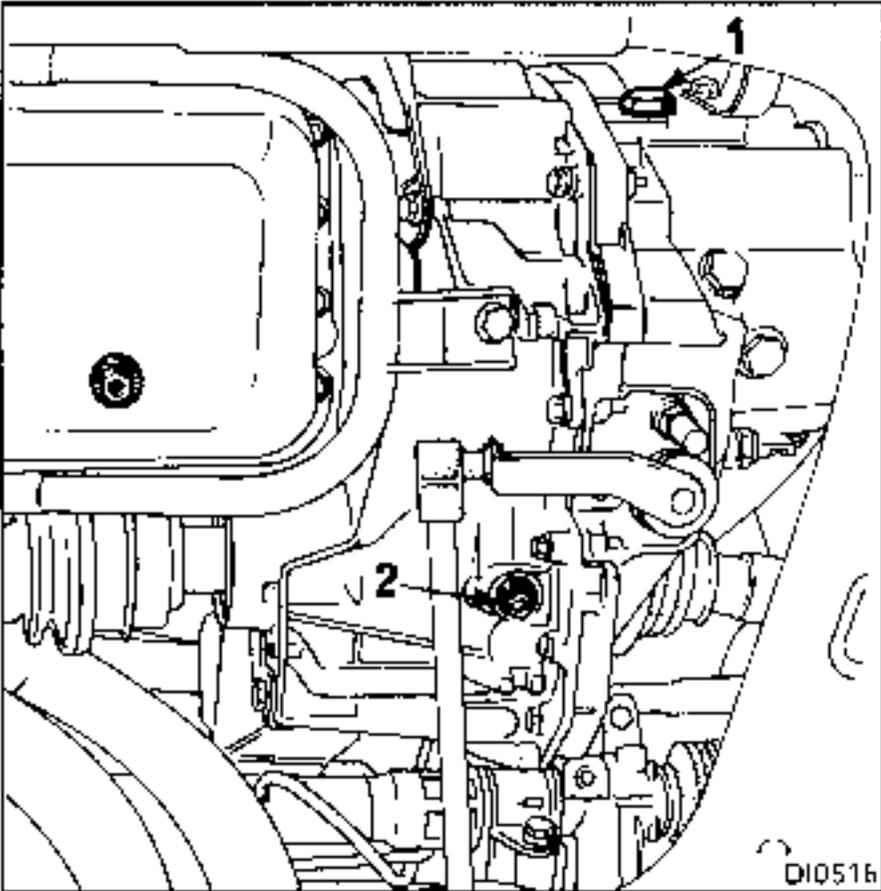


ESSENTIAL SPECIAL TOOLING
Spanner for gearbox drain plug

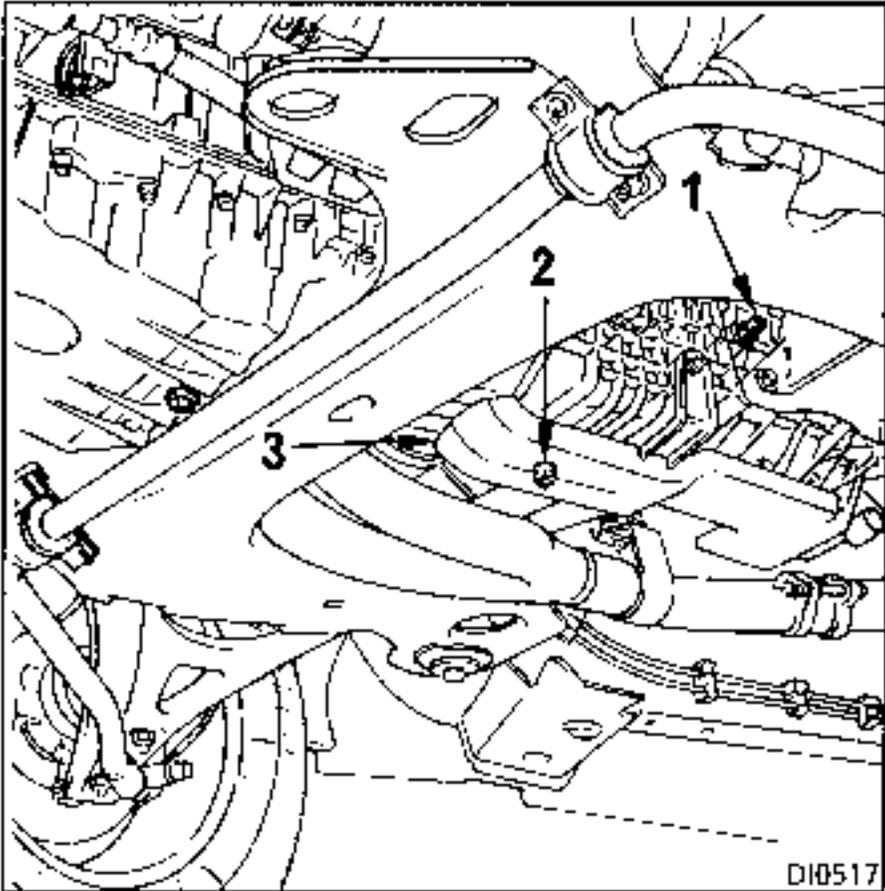
**DRAINING : Plug 2**

**Note :** On certain versions a protective plate 3 has to be removed to gain access to the drain plug 2.

**TRANSVERSE ENGINES**

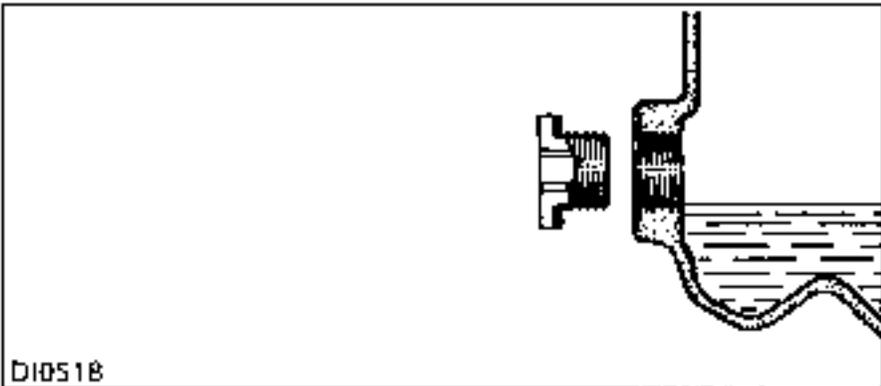


**LONGITUDINAL ENGINES**



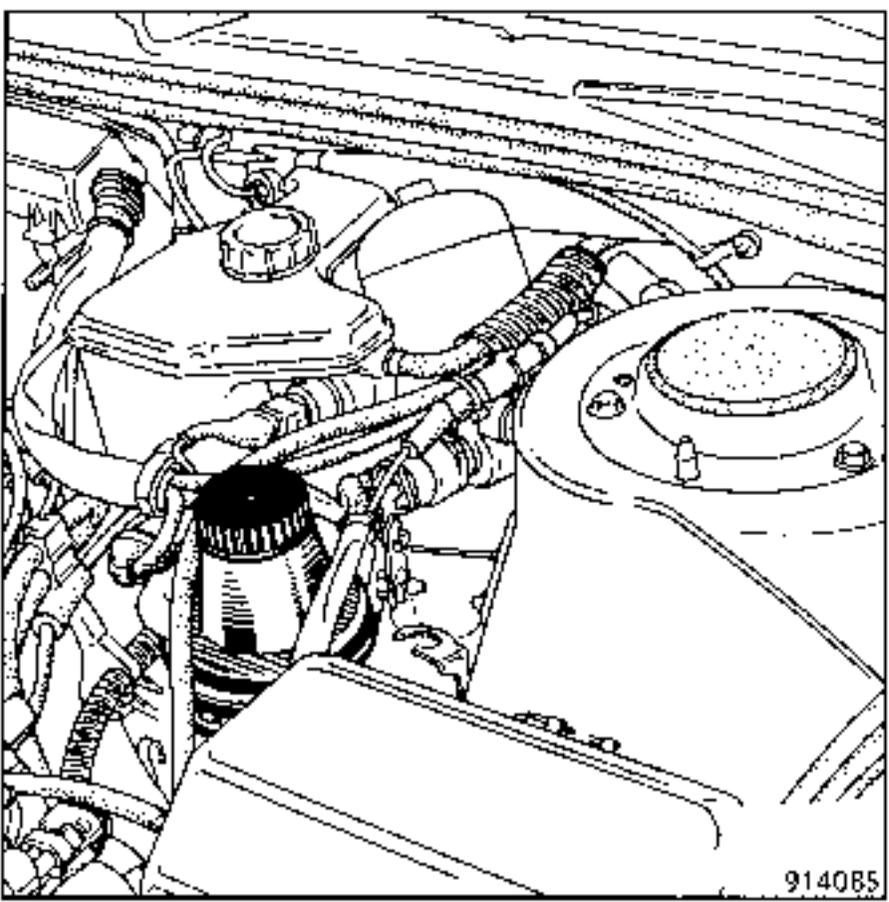
**REFILLING : Plug (1)**

Refill the gearbox until the oil is flush with the lower edge of the tapped hole.

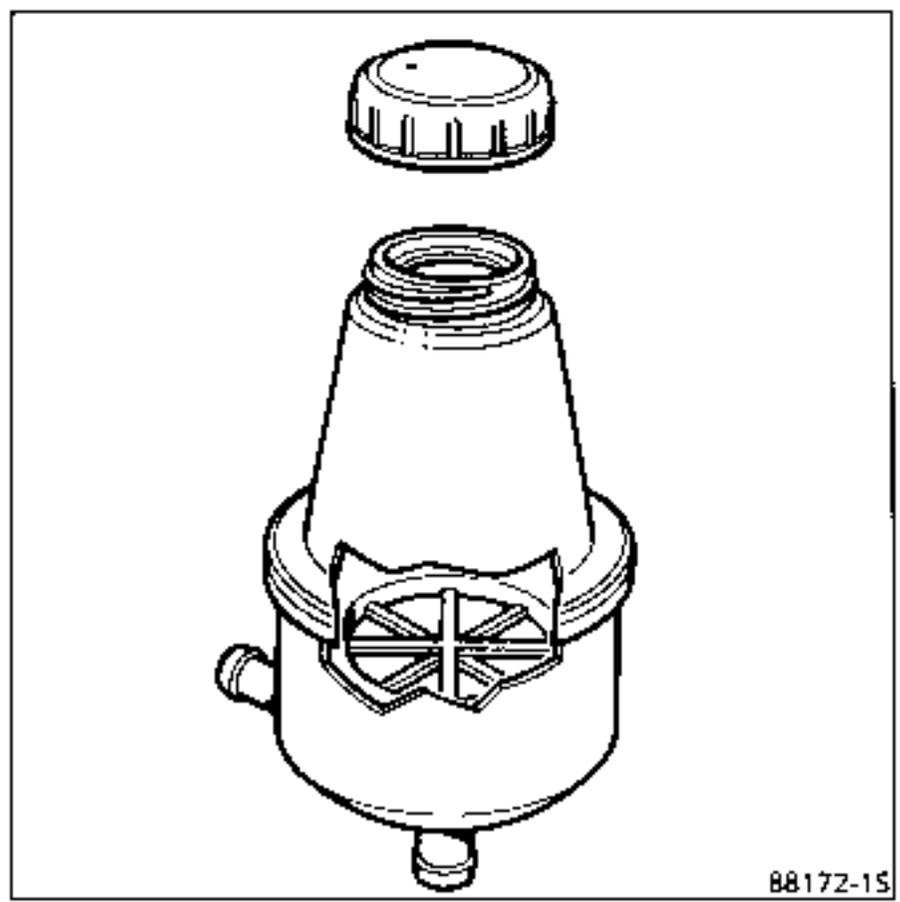
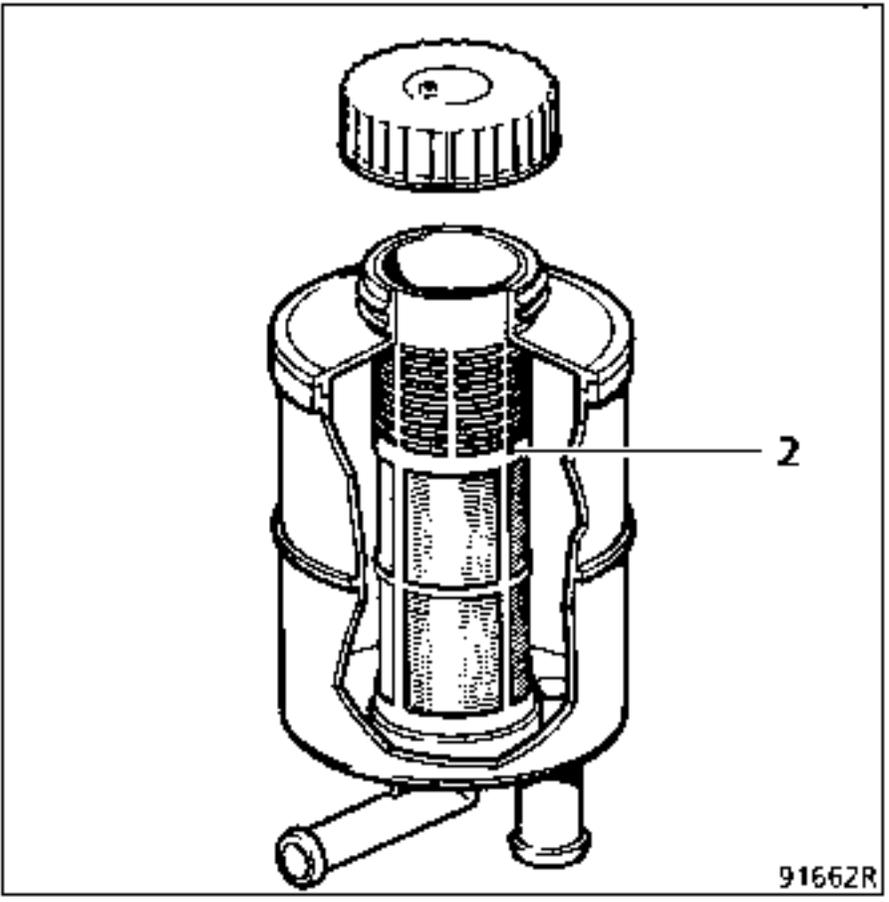


There are three types of bottle

The oil must be visible at the same level as the grille.



The oil must be visible in line with the pad (2) on the filter sleeve.



The oil must be visible in line with the max. level mark.



### Checking the fluid level

With the ignition on, press the brake pedal several times to cut in the high pressure pump.

Wait until the pump stops (the accumulator will then be full).

Check the level of the fluid in the bottle.

