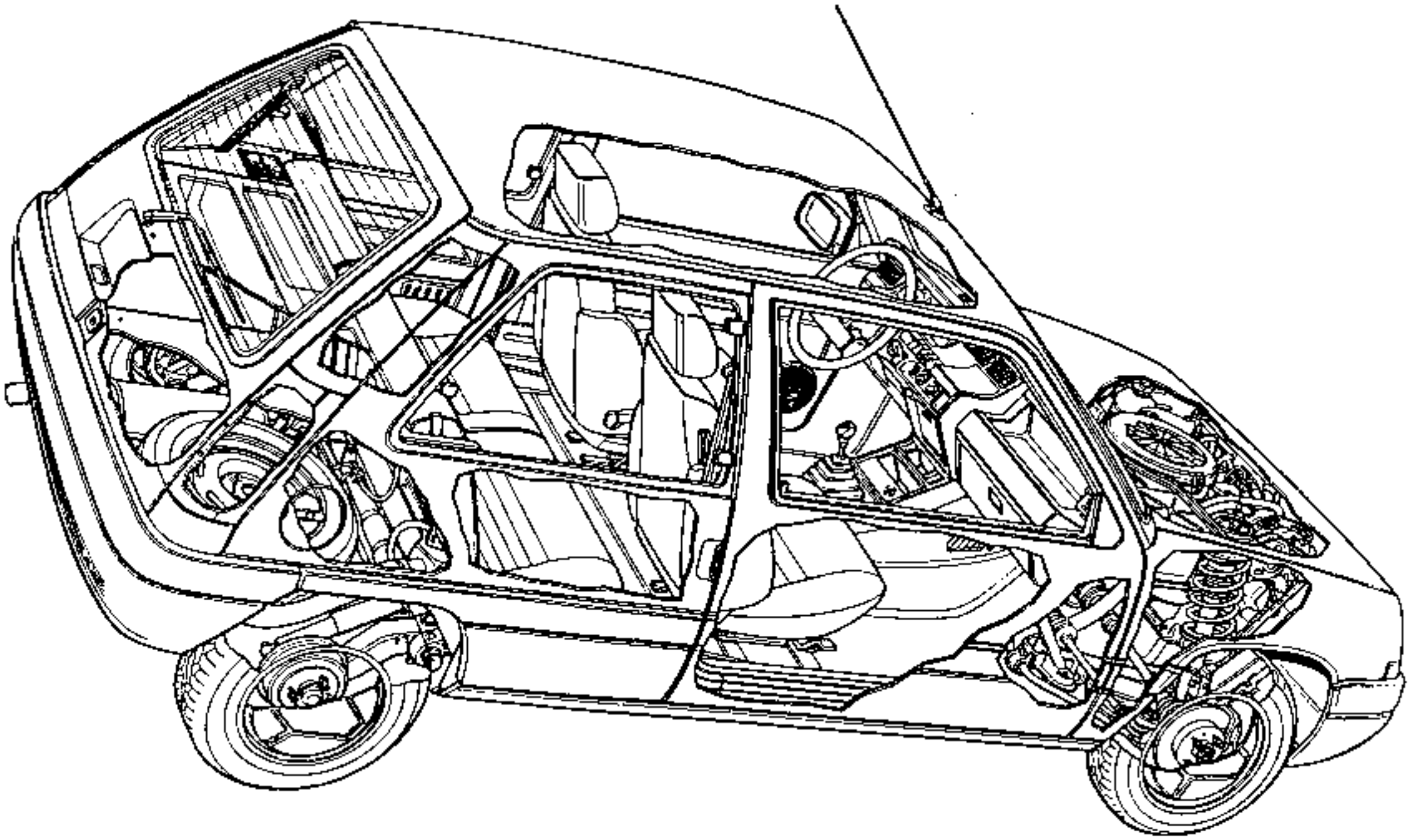
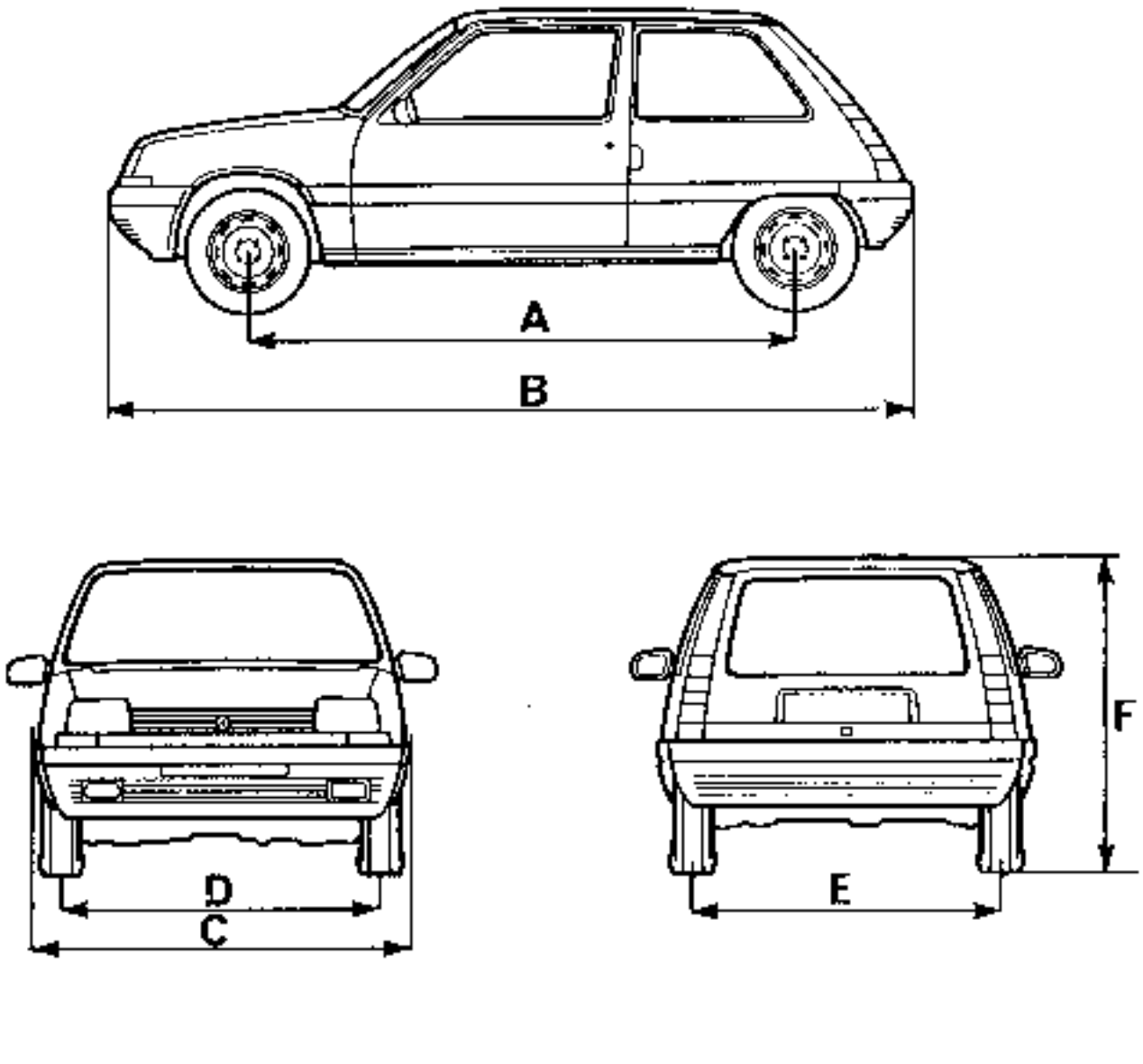
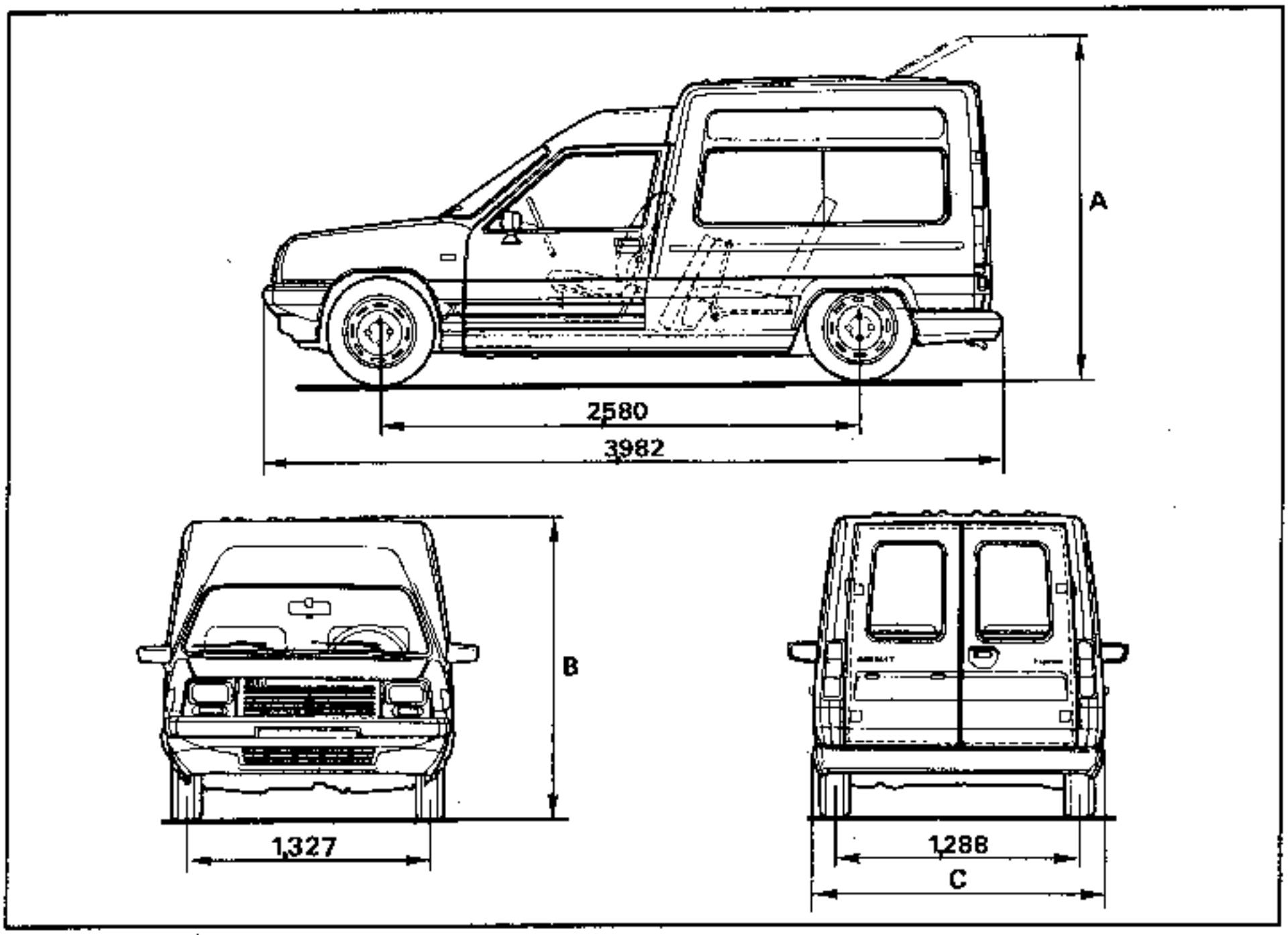




Average values for vehicles as marketed in France

Type	Wheelbase A	Length B	Width C	Track Front D	Track Rear E	Height, unladen F
C xxx S xxx	2,407	3,591	1,584	1,323	1,290	1,393
B xxx	2,467	3,651	1,584	1,323	1,290	1,393
C 405	2,407	3,591	1,596	1,323	1,280	1,367

All these values are expressed in metres.

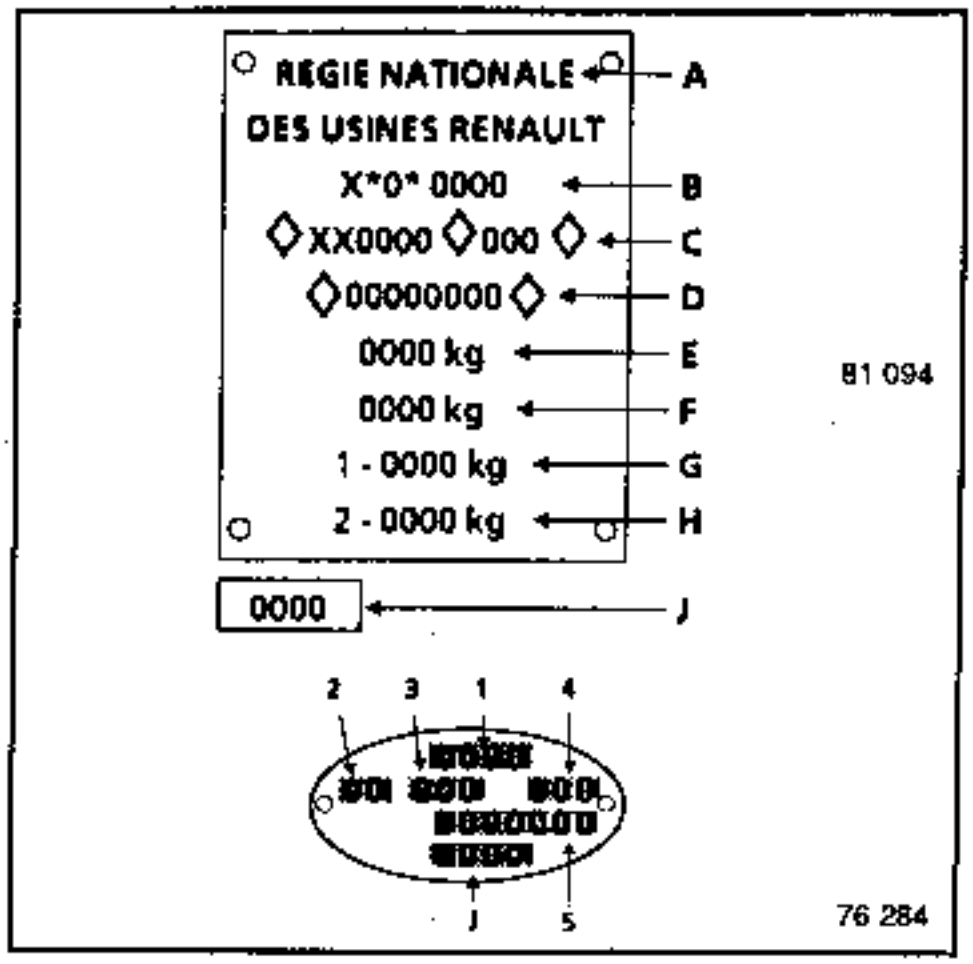


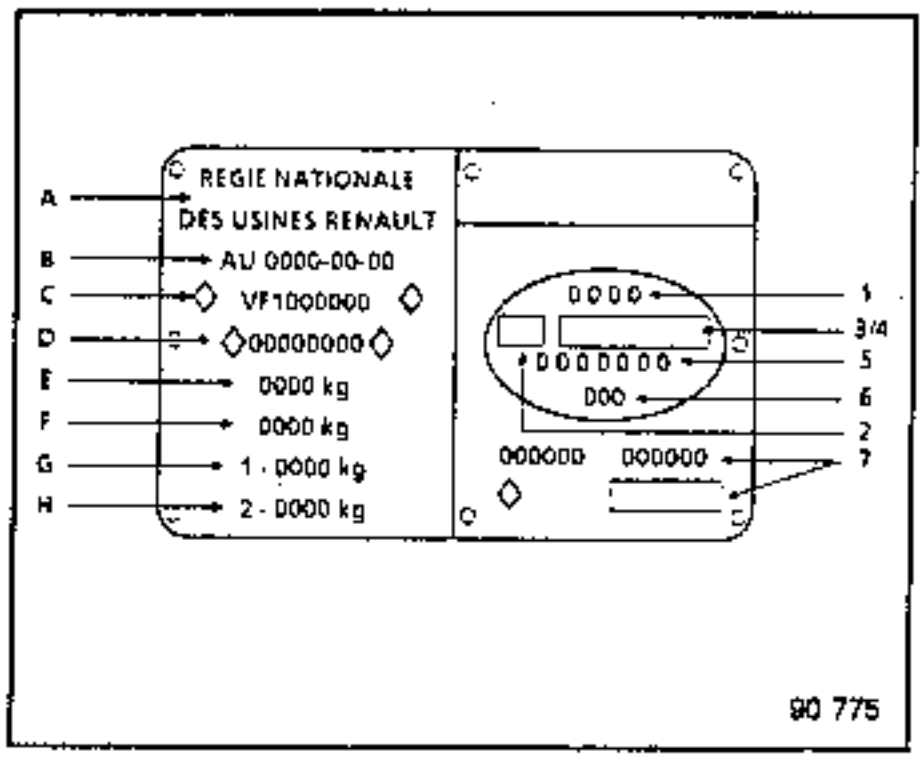
A : from 2.030 to 2.053 depending on the version - B : from 1.745 to 1.805 depending on the version - C : 1.564 or 1.588. These values are expressed in metres.

ENGINES - CLUTCHES - GEARBOXES

Vehicle type	Engine Type	Engine Capacity (cm^3)	Clutch type	Gearbox type
B, C, F, S 400	C1C	956	180 CP 335	JB0 - JB1 JB4 - JB5
B, C, F, S 401	C1E	1108		
B, C, F 402	C1J	1397		
B, C 403	C2J	1397		
B, C, F, S 404	F8M	1595		
C 405	C1J	1397	200 CP 425	JB3
B, C, F 407	C3J	1397	180 CP 335	JB5 - JB1
B, C, F 407	C3J	1390		
B, C 408	F3N	1721	200 CP 425	JB3
C 409	F3N	1721		
B, C, S 40F	C1G	1237	180 CP 335	JB4 - JB5
B, C 40G	F2N	1721	200 CP 425	JB3
B, C, F 40H	C1E	1108	180 CP 335	JB4 - JB5
B, C 40J	C2J	1397		
B, C 40K	F2N	1721	200 CP 425	JB3
B, C, F 40M	C2J	1397	180 CP 335	JB5

This is by means of two plates secured to the same support.





At A : The manufacturer's name
At B : The E.E.C. approval number
At C : The French official type code for the vehicle preceeded by the manufacturer's world identification code (VF1 is the code for Renault France)
At D : The chassis no.
At E : The maximum authorised laden weight (GVW)
At F : The authorised total train weight (TTW)
At G : The total authorised front axle loading
At H : The total authorised rear axle loading
At J : The model year (this is optional. There are three possible locations. See above)

At 1 : The vehicle type
At 2 : The vehicle special features
At 3 and 4 : The equipment version number and options
At 5 : A letter identifying the factory at which the vehicle was manufactured followed by the fabrication number
At 6 : The original paint reference
At 7 : Any additional marking

NOTE : Certain of these items are not shown on vehicles intended for some export markets. The plates illustrated above show the maximum number of tiems displayed.

Equipment version numbers

Good road versions		Poor road versions	Special equipment versions
Steering		Steering	Steering
LH drive	RH drive	LH drive	LH drive
100 series	600 series	200 series	500 series

ESSENTIAL SPECIAL TOOLS
Cha.280-02 Pad for fitting to trolley jack
Cha.408-01 Socket for fitting to trolley jack
Cha.408-02 Socket for fitting to trolley jack

When the car is lifted with a trolley jack, axle stands must be fitted before work commences.

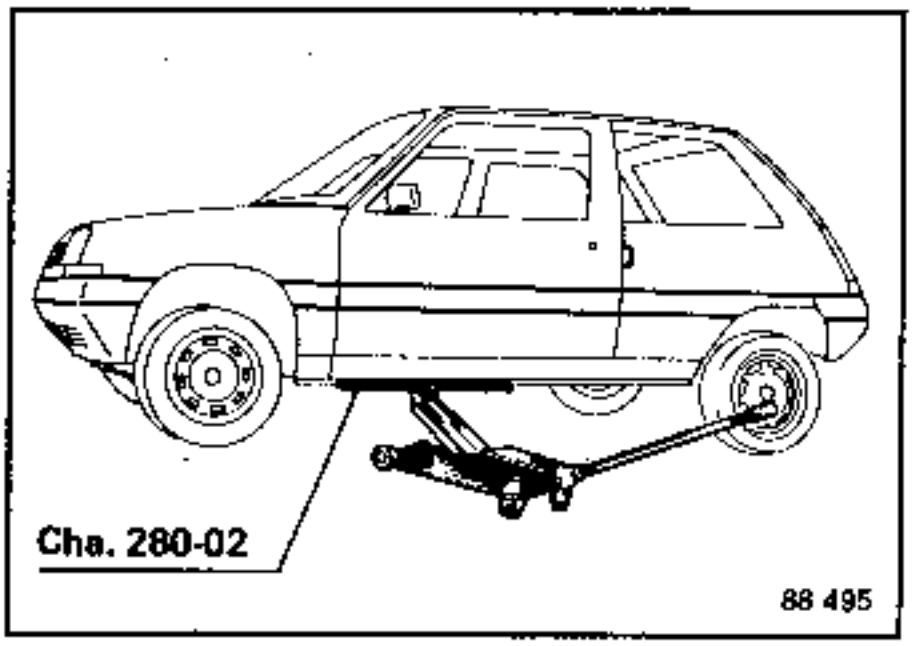
It is forbidden to lift the vehicle by taking the load under the suspension arms, at the front or at the rear, under the front cross member between the side members or under the rear axle assembly.

Depending on the type of trolley jack, use sockets Cha.408-01 or Cha.408.02 as adaptors for pad Cha.280-02.

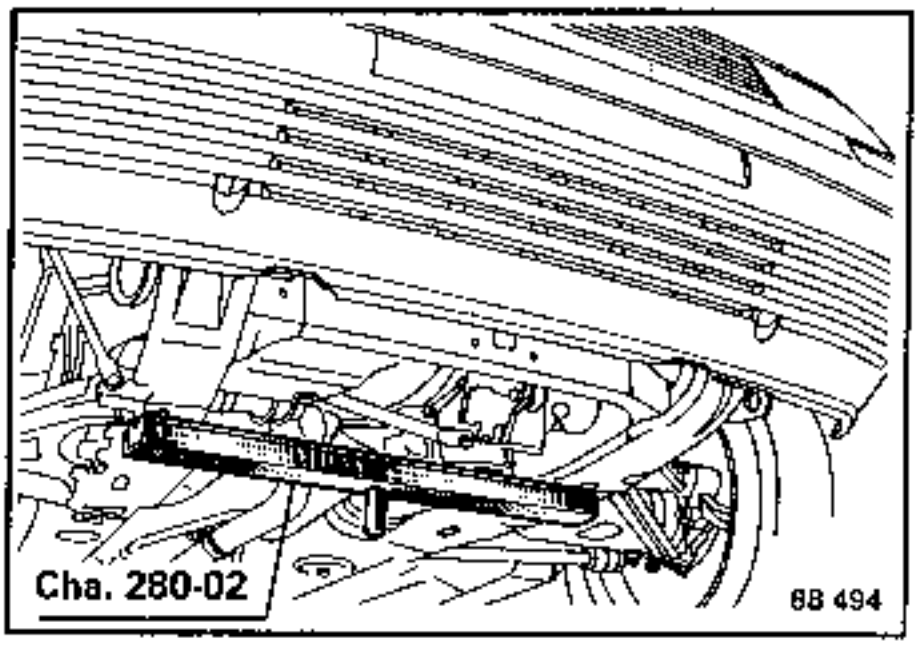
To lift the front or the rear of the vehicle, take the load under the jacking points provided for the vehicle's own jack.

LIFTING WITH A TROLLEY JACK FROM THE SIDE

- Use pad Cha.280-02.
- Take the load under the body sill in line with the front door.
- Ensure that the flange edge on the panelling locates correctly in the groove in the pad.

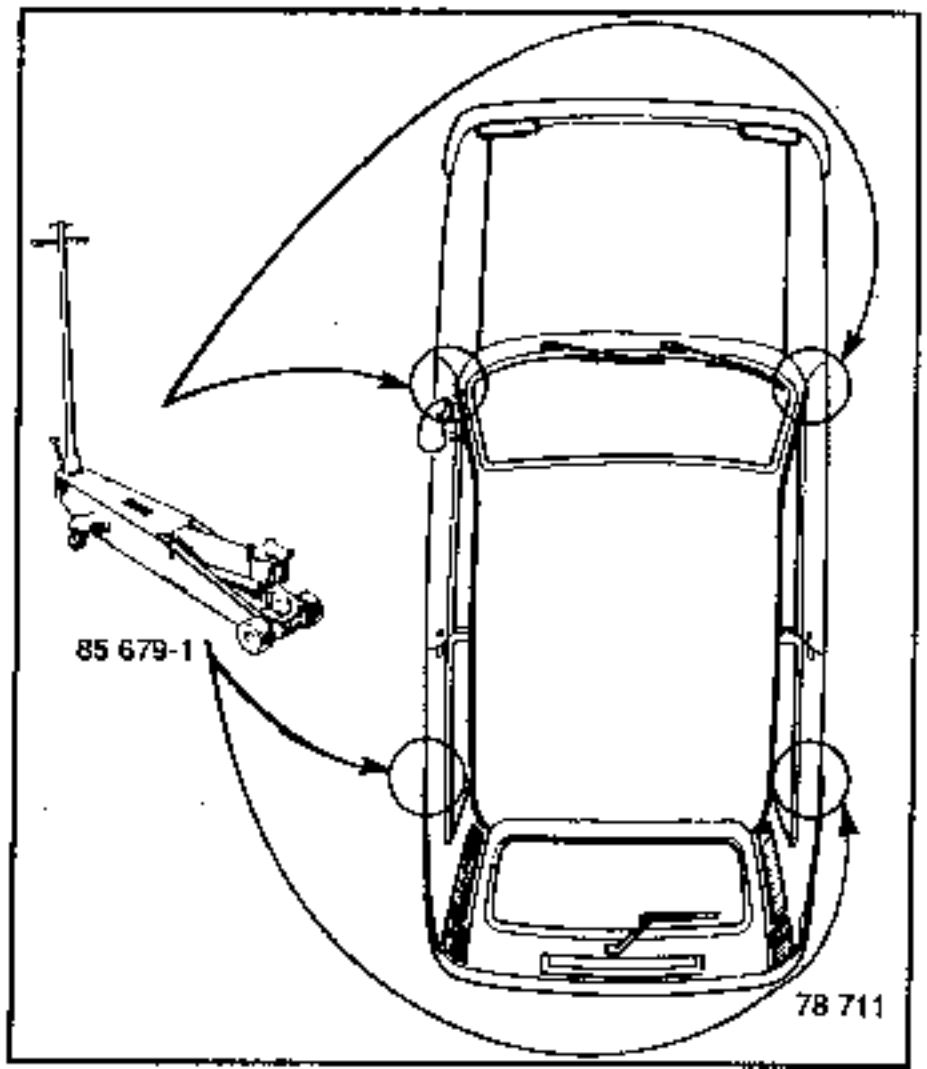


USING A TROLLEY JACK FROM THE FRONT



AXLE STANDS

When the vehicle is supported by axle stands, they must be placed under the jacking points provided for the vehicle's own jack.
The axle stands are to be placed under the rear end by lifting the vehicle from the side.



SAFETY INSTRUCTIONS :

Several cases have to be considered :

1 - THE CASE WHEN COMPONENT UNITS ARE TO BE REMOVED :

Generally speaking, never use a 2 column lift, if a four column lift is available.

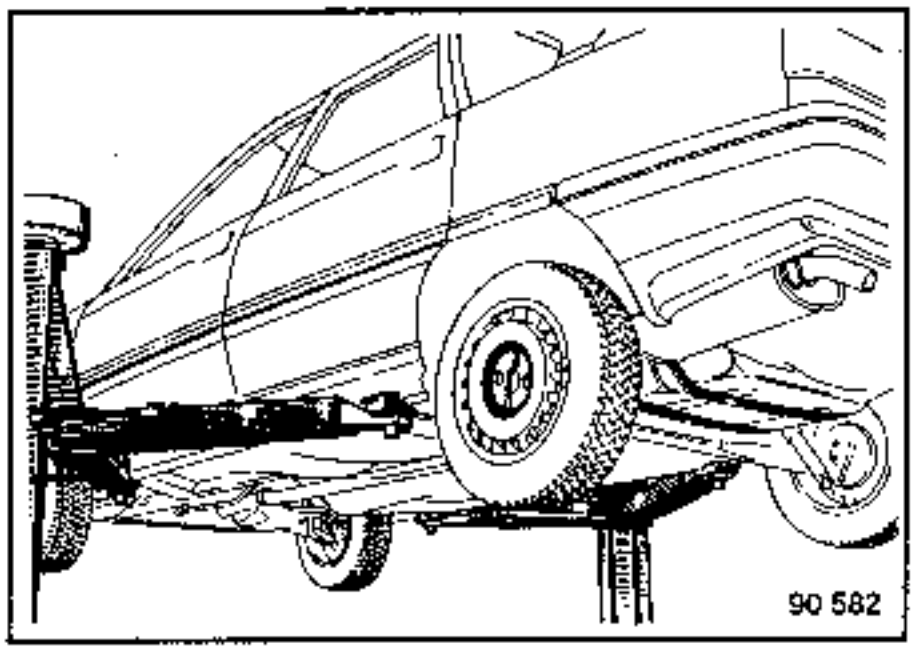
2 - THE SPECIAL CASE OF REMOVING AND REFITTING A POWER UNIT ASSEMBLY SECURED TO ITS SUB-FRAME

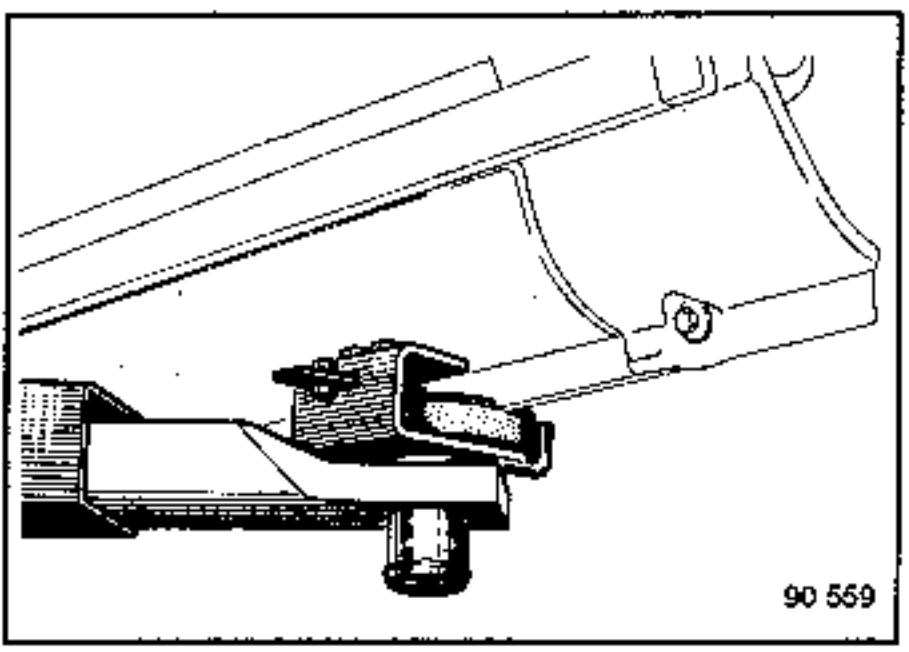
Before stating anything else we must point out that this operation is only to be carried out when body repair operations require it (the replacement, for example, of side members, that is to say the placing of the vehicle on the jig bench).

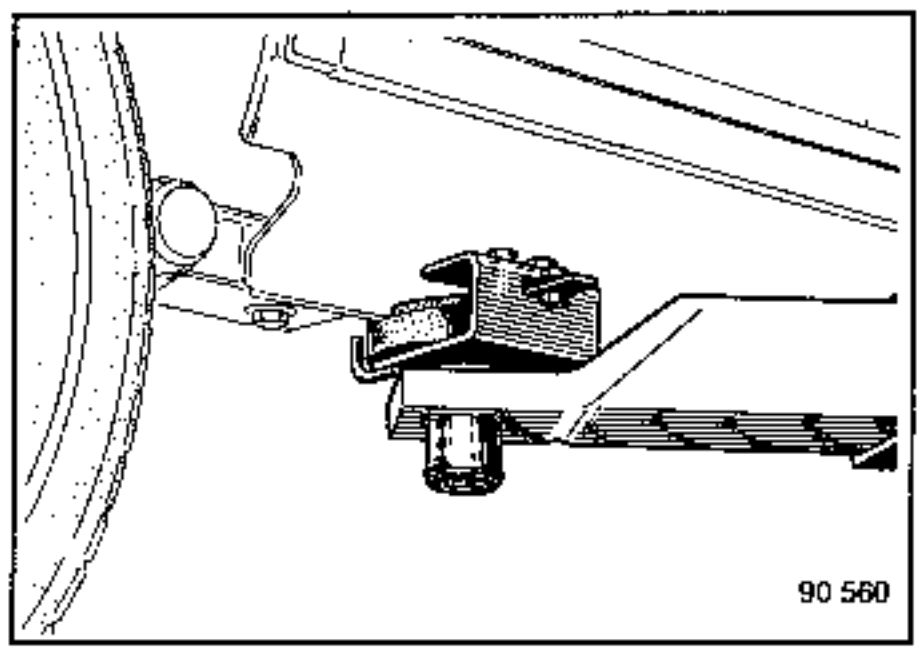
In this precise case, the body of the vehicle must be secured to the arms on the two column lift.

The FOG Company markets a set of special pads Ref. : FOG 449 8111 for this purpose. They must be placed at the vehicle jacking points and must clip into the apertures in the body sill flanges.

NOTE : The FOG pads cannot be used on vehicles equipped with body sill widening trim.



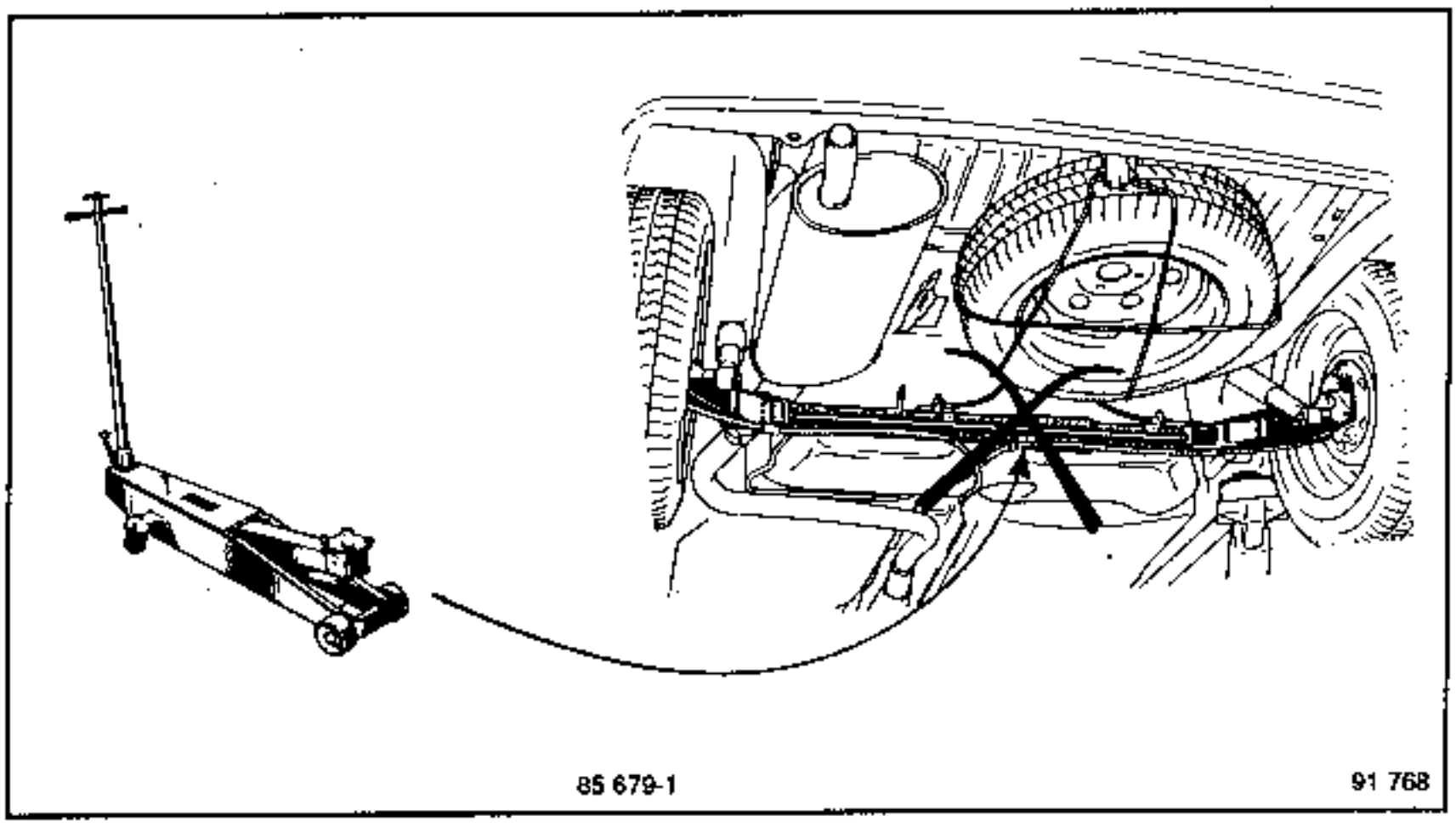




3 - FOR OTHER CASES OF LIFTING THE VEHICLE (operations to be carried out under the body without removing any units)

One must always position the lifting pads at the vehicle jacking points.

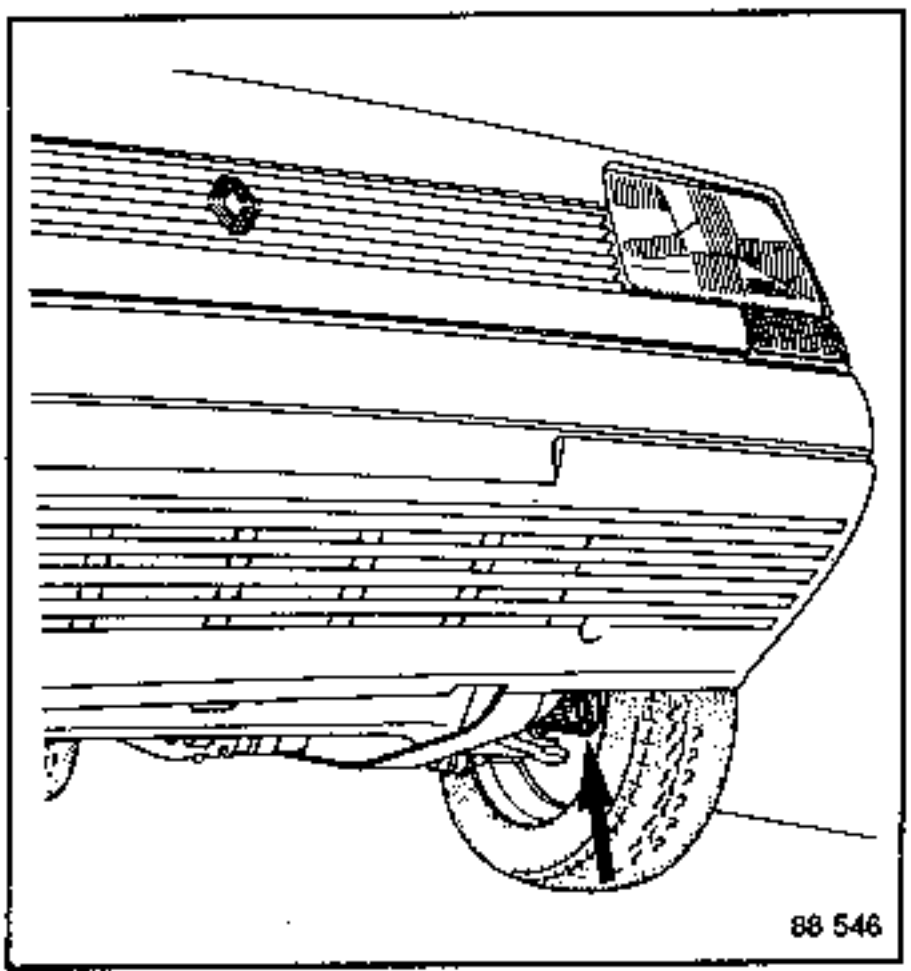
It is <u>forbidden</u> to lift the vehicle by placing a jack under the rear axle L section (or the rear axle tube).



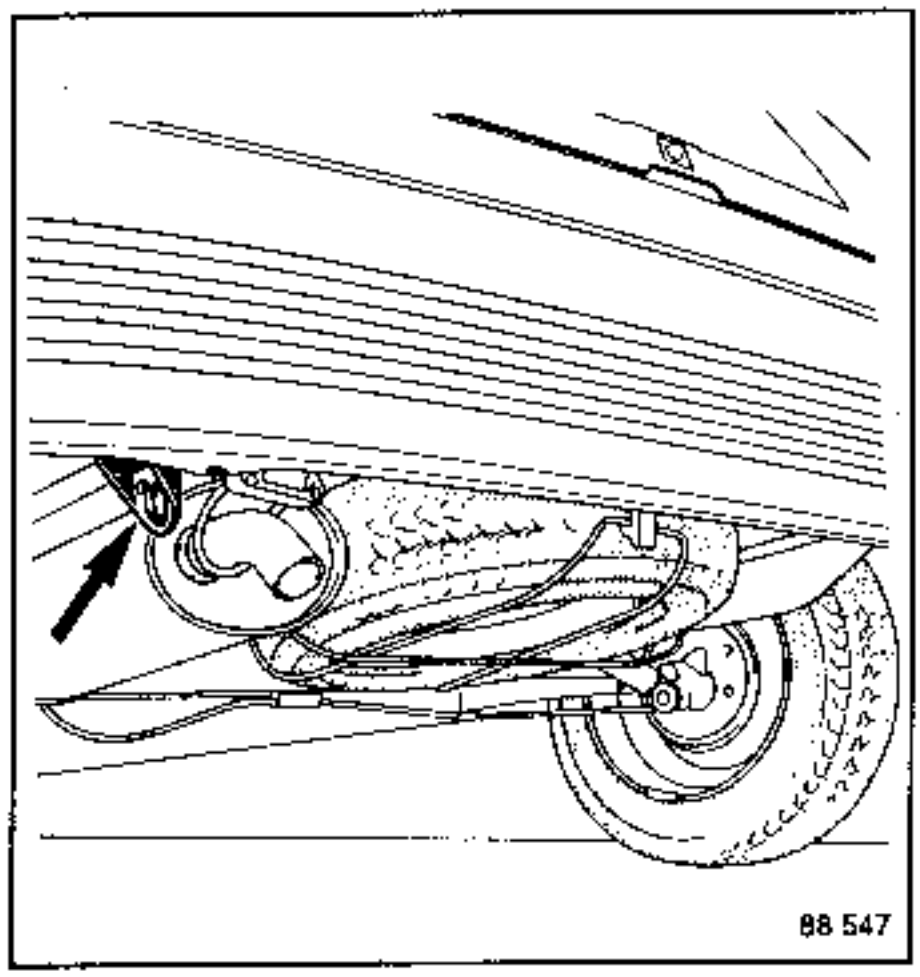
NEVER SECURE THE VEHICLE BY THE DRIVE SHAFT TUBES

The towing points are only to be used to tow the vehicle on the road. Under no circumstances are they to be used to drag the vehicle out of a ditch or some other similar operation or for lifting the vehicle directly or indirectly.

FRONT



REAR



DRIVING

The automatic transmission is pressure lubricated, that is to say only when the engine is running.

Consequently, there is a risk of severe damage 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 too much the dangers of this practice.

- Never have the vehicle pushed (for example to reach a filling station) unless the precautions taken in the "Towing the vehicle" section have been carried out.

Furthermore, the engine is only driven by the wheels, in overrun, if the engine is running. It is therefore impossible to start a vehicle with automatic transmission by pushing it.

Furthermore, the operation of dynamically balancing the wheels, still on the vehicle is forbidden.

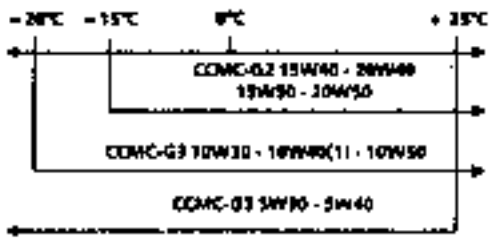
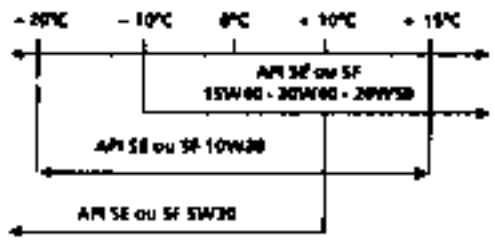
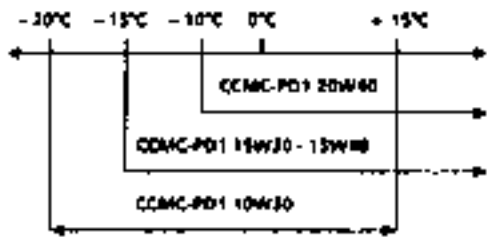
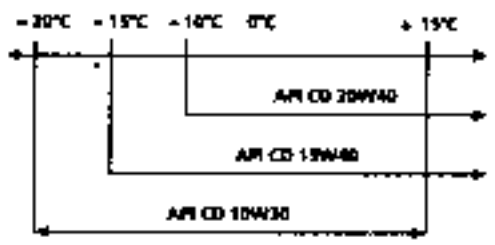
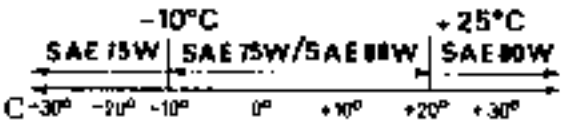
TOWING THE VEHICLE

The front end of the vehicle should be lifted. However, if this is impossible, under exceptional conditions the vehicle can be towed with its wheels on the ground under the following conditions :

1. Pour an additional two litres of fluid into the transmission (ELF Renaultmatic D2 or Mobil ATF 220).

2. Do not tow the vehicle at a speed of more than 30 km/h (20 mph) or over a distance of more than 50 km (30 miles) (with the lever in N).

Do not forget to drain off the excess oil after this operation.

Unit	Capacity in litres	Grade	Special features
Engines	After draining	E.E.C. Countries	Other countries
C1C, C1E, C1G, C1J, C2J, C3J	3 (+0.5 filter)	PETROL 	PETROL 
C1J Turbo	2,6 (+0.25 filter)	DIESEL 	DIESEL 
F2N, F3N	4,7 (+0.5 filter)		
F8M	4,8 (+0.5 filter)		
Gearboxes JB0 JB1 JB3 JB4 JB5	3,25 3,40 2,75 2,90	API GL5 or MIL L 2105 B or C 	Except Petrol Engined Turbo Models
	Tranself	Tranself TRX 80 W for Petrol Engined Turbo models	
Automatic transmission	4,5 total 2 after draining	Elf Renaultmatic D2 Mobil ATF 220 Total DEXRON	
Power steering	1,1 (1 for diesel engined versions)	Elf Renaultmatic D2 Mobil ATF 220 Total DEXRON	
Braking system	0,7	SAE J 1703 and DOT 3 or DOT 4	Any brake fluid used must have been officially approved by our design office

Unit	Capacity in litres	Grade	Special features
Engine cooling systems C1C C1E C1G C1J C2J C3J F2N	5,5	Glaceol AL anti-freeze (type C)	Protection down to -23°C for hot, temperate and cold climates. Protection down to -40°C for intensely cold climates.
F3N F8M	6,5		
Fuel tank	43 Except : C405 : 50 C409 : 50 (since June 1987)	Super or Diesel	

(1) We do not recommend the use of 10 W 40 mineral based oils as they are not covered by CCMC-G3.

List of the products recommended for mechanical repair operations.

Description	Pack size	Part no.
GREASES		
. MOLYKOTE "BR2" for trunnion and clutch fork bearing areas, lower suspension arm bearings, torsion bar splines, steering boxes and drive shaft splines.	1 kg tin	77 01 421 145
. MOLYKOTE "33 Medium" bushes on tubular rear axles anti-roll bar bushes.	100 gr tube	77 01 028 179
. "ELF MULTI" for the lips of seals, drive shaft stub axle splines, threads on studs and on wheel bolts.	1 kg tin	77 01 022 166
. "ELF Staterma MD2" for lower suspension arm bearings, splines and steering column bushes.	1 kg tin	To be ordered from ELF
. "MOHIL CVJ" 825 Black star	180 gr sachet	77 01 366 100
. GREASE No. 20 for sun wheel splines, fork shafts, clutch release bearing guides.	1 gr sachet	77 01 032 832
. "ELF Multi MOS2" for anti-roll bar bearing bushes.	1 kg tin	To be ordered from ELF
MECHANICAL SEALING COMPOUNDS		
. Perfect-seal "LOWAC" liquid jointing compound	100 gr tube	77 01 417 404
. Mastic for sealing exhaust pipe joints	1.5 kg tin	77 01 421 161
. CAF 4/60 THIXO for drive shaft pins	100 gr tube	77 01 404 452
. KIT OF "CAF 4/60 THIXO" HARDENER for sealing the sides of bearing caps.	Kit	77 01 421 080
. AUTO joint bleu jointing paste.	100 ml tube 45 gr tube Cartridge	77 01 396 227 77 01 397 027 77 01 417 649
. LOCTITE 518 for sealing gearbox housings.	24 ml syringe	77 01 421 162
. DOSE CURIT for sealing the fuel gauge tank unit.	60 cm^3 tube	77 01 421 164

List of the products recommended for mechanical repair operations.

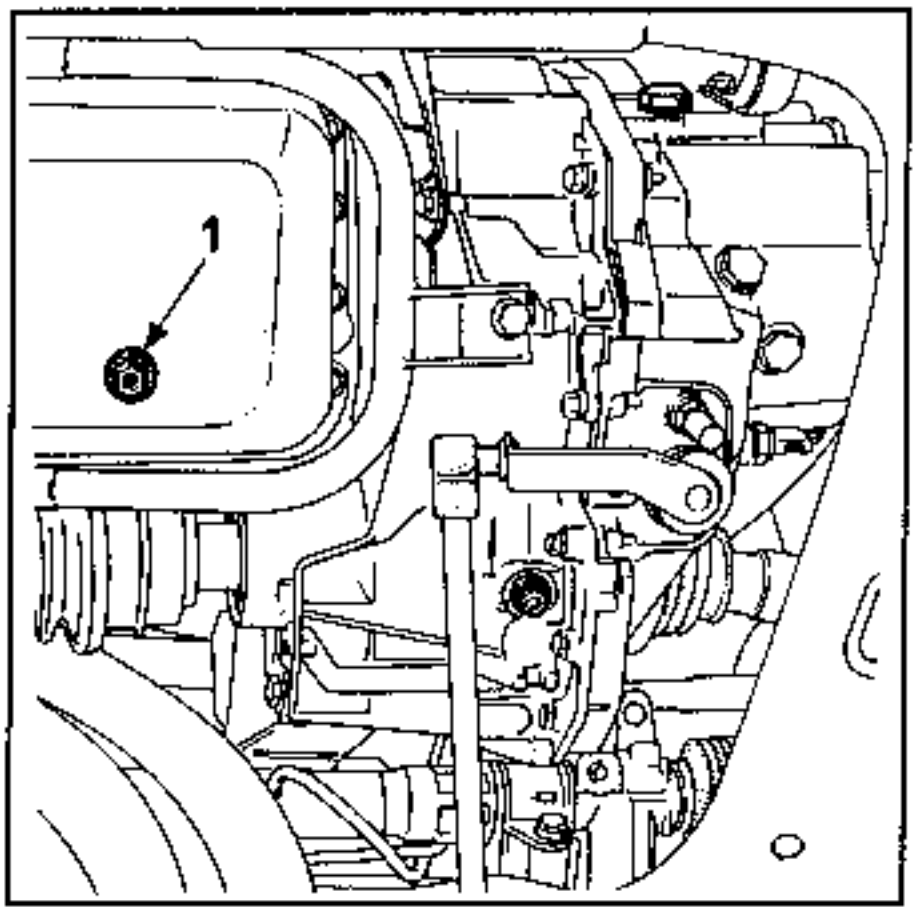
Description	Pack size	Part no.
ADHESIVES		
. "LOCTITE-FRENETANCH" to prevent nuts and bolts coming loose but still permit their release.	24 cc bottle	77 01 394 070
. "LOCTITE-FRENBLOC" for locking bolts.	24 cc bottle	77 01 394 071
. "LOCTITE SCELBLOC" for bonding bearings	24 cc bottle	77 01 394 072
. "LOCTITE AUTOFORM" for bonding the fly-wheel to the crankshaft.	50 cc bottle	77 01 400 309
. "LOCTITE 275" for bonding steering links.	50 ml bottle	77 01 418 252
CLEANERS - LUBRICANTS		
. "SAFCA" lubricant, specially for door lock barrels.	20 gr aerosol	77 01 400 097
. "ELECTRONEX" (SEMME) release, lubricating agent.	250 gr aerosol	77 01 403 517
. "AGIR 40" release, lubricating agent.	140 ml aerosol	77 01 421 140
. RAVITOL PLUS	2 l, 20 l, 30 l, 60 l	77 01 417 424 - 5 - 6 - 7
. Carburettor cleaner	250 ml aerosol	77 01 393 112
. Super concentrated release agent	420 ml aerosol	77 01 393 109
. "DECAPLOC 88" (FRAMET) for cleaning aluminium cylinder head gasket faces.	2 l can 385 ml aerosol	77 01 396 228 77 01 405 952
VARNISH		
. "CIRCUIT PLUS" Varnish for the repair of heated rear screens.	2 gr bottle	77 01 421 135
TYRES		
. "TIP TOP" products for repairing tubeless tyres.	Combi A kit	77 01 417 243
BRAKES		
. Brake fluid	0.5 l bottle	77 01 394 499 77 01 395 435
TURBO		
. High temperature paint for marking after repair operations.		77 01 407 679

ESSENTIAL SPECIAL TOOLS
Mot. 445 Oil filter spanner Engine drain plug spanner

DRAINING : plug (1)

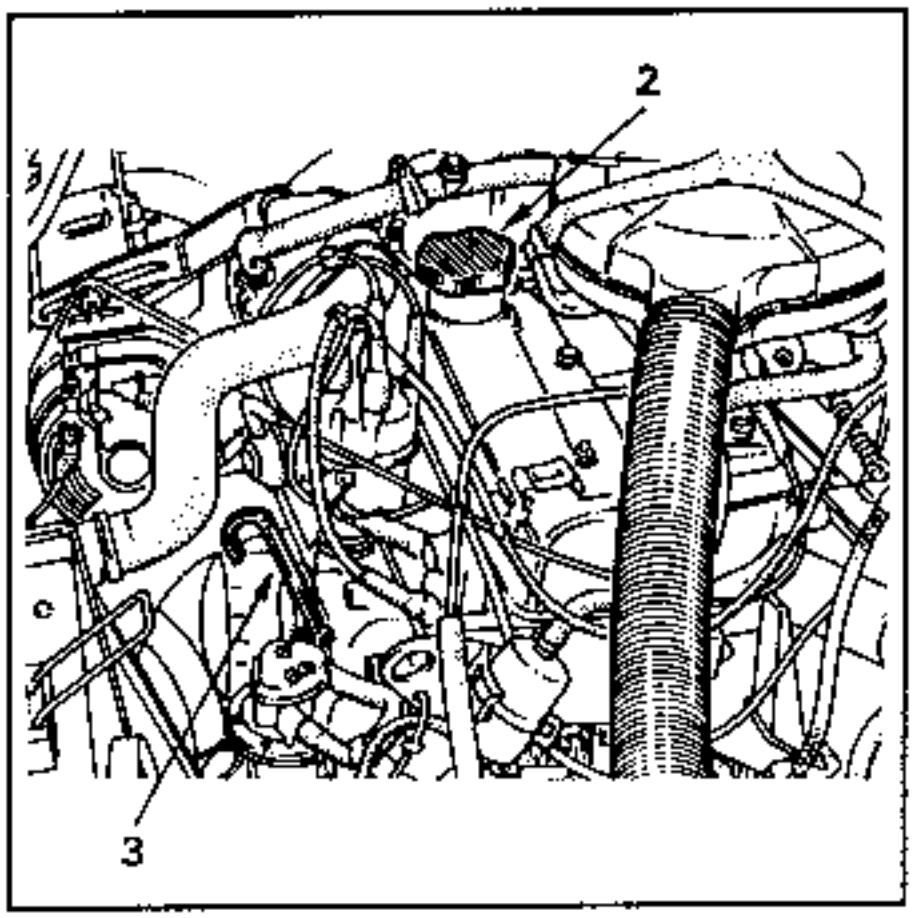
	Petrol versions	Versions with water-cooled turbo	Versions with conventional turbo	Diesel versions
1st oil change	500-2000 miles	500-2000 miles	500-2000 miles	500-2000 miles
Oil change every	6 000 miles	6 000 miles	3 000 miles	5 000 miles
Oil filter replacement	12 000 miles	6 000 miles	6 000 miles	5 000 miles

It is possible to empty the sump with a suction system, see MR 500.

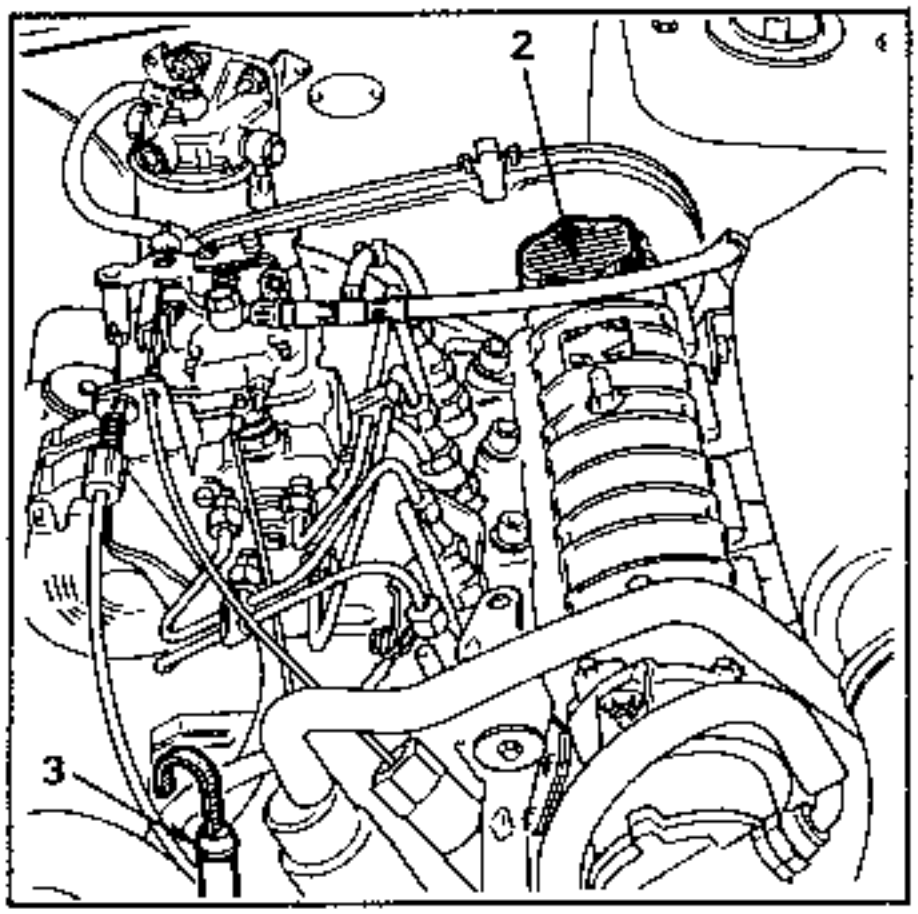


FILLING : cap 2

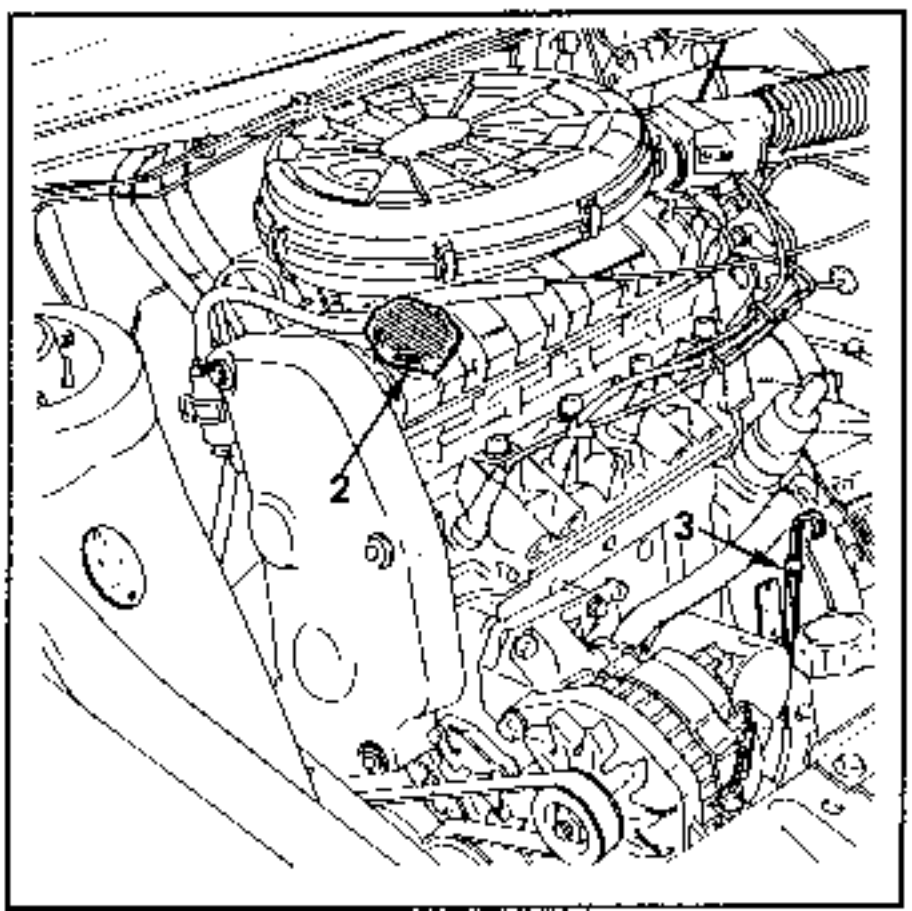
C xx engine



F8M engine



F xx petrol engine

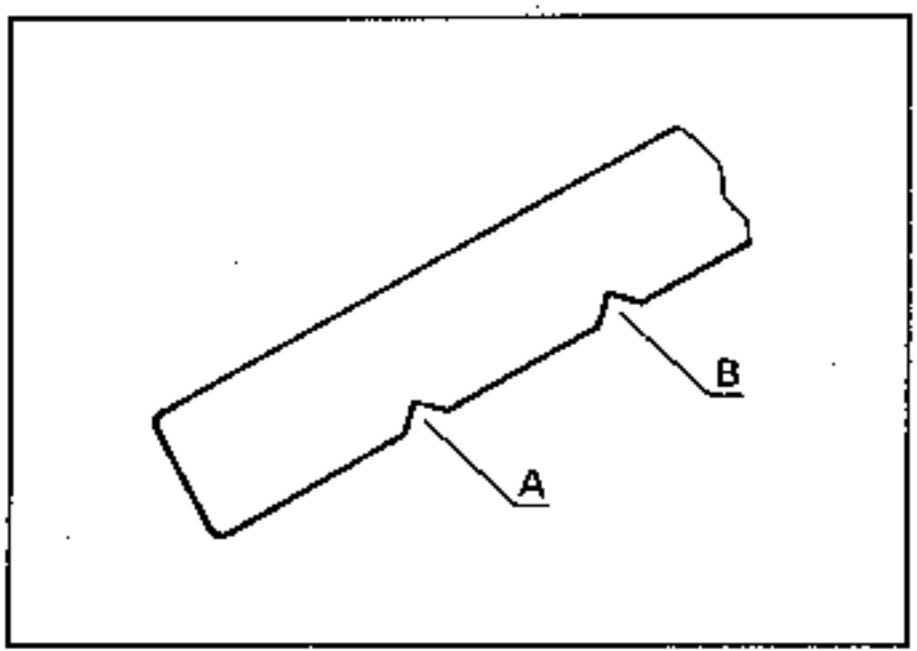


DIPSTICK 3

A - Min. level
B - Max. level

The difference between the max. and min. levels corresponds to approximately :

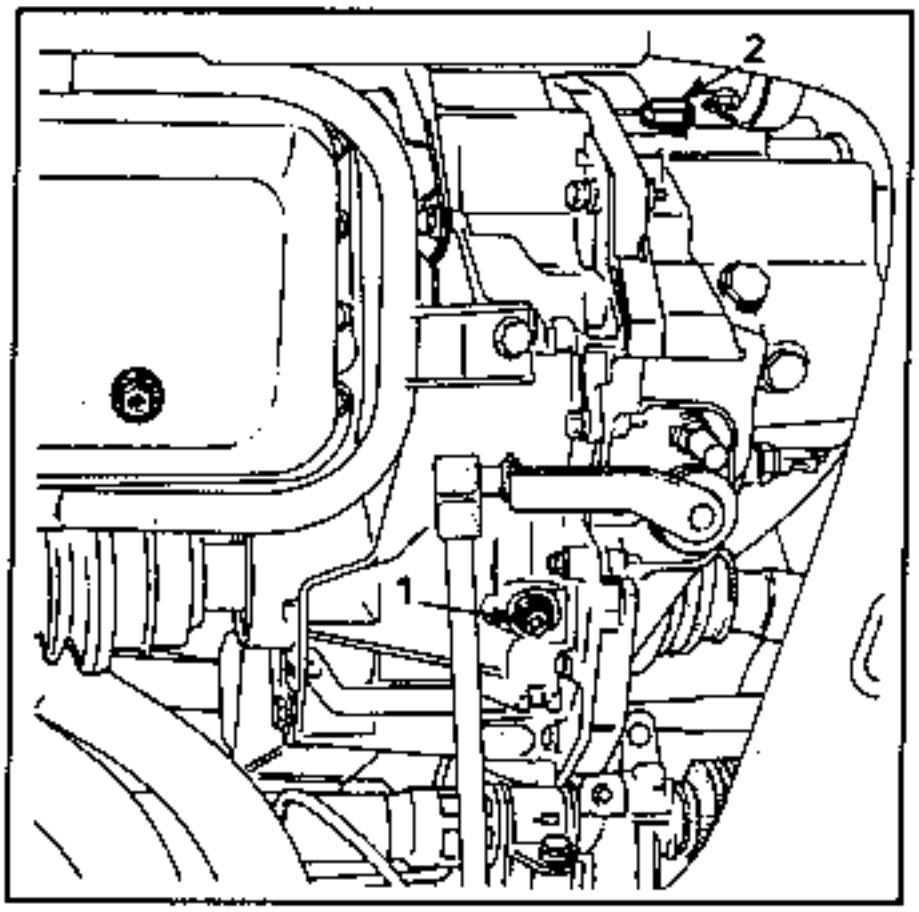
- On C xx engines : 1 litre
- On F xx engines : 2 litres



ESSENTIAL SPECIAL TOOLS
Gearbox drain plug spanner

The first oil change is carried out at between 1 000 and 3 000 km (600 and 1800 miles) and then every 50 or 60 000 km (30 or 40 000 miles).

DRAINING : plug 1



FILLING : plug 2

There are two types of arrangement :

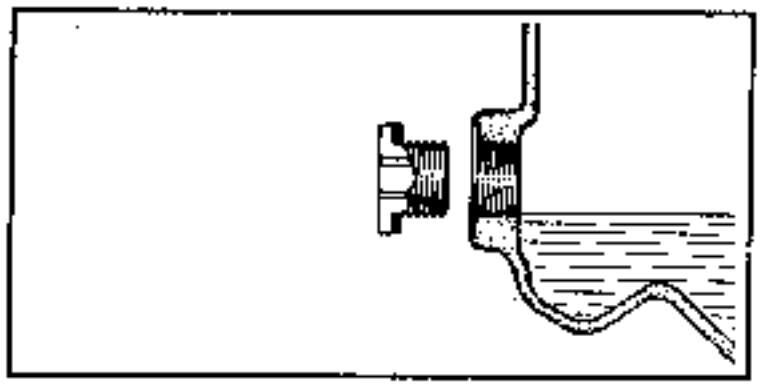
- plug (2) without a dipstick
- plug (2) with a dipstick

CAPACITY : (in litres)

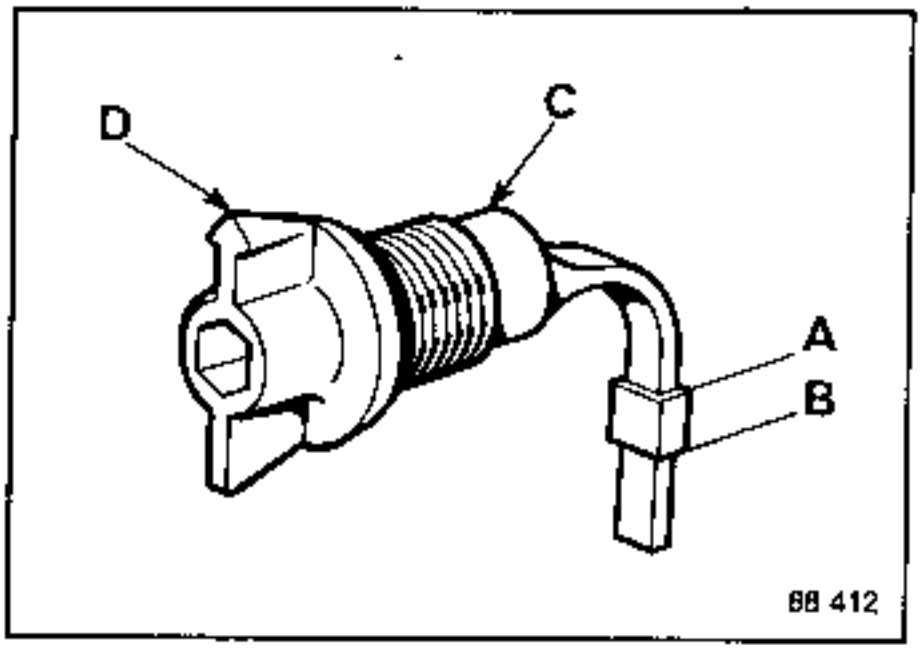
Plug without dipstick normal level	Plug with dipstick low level
4 speed	
3,25	2,75
5 speed	
3,40	2,90

Plug without a dipstick :

Fill the gearbox until the oil is flush with the lower part of the plug hole.

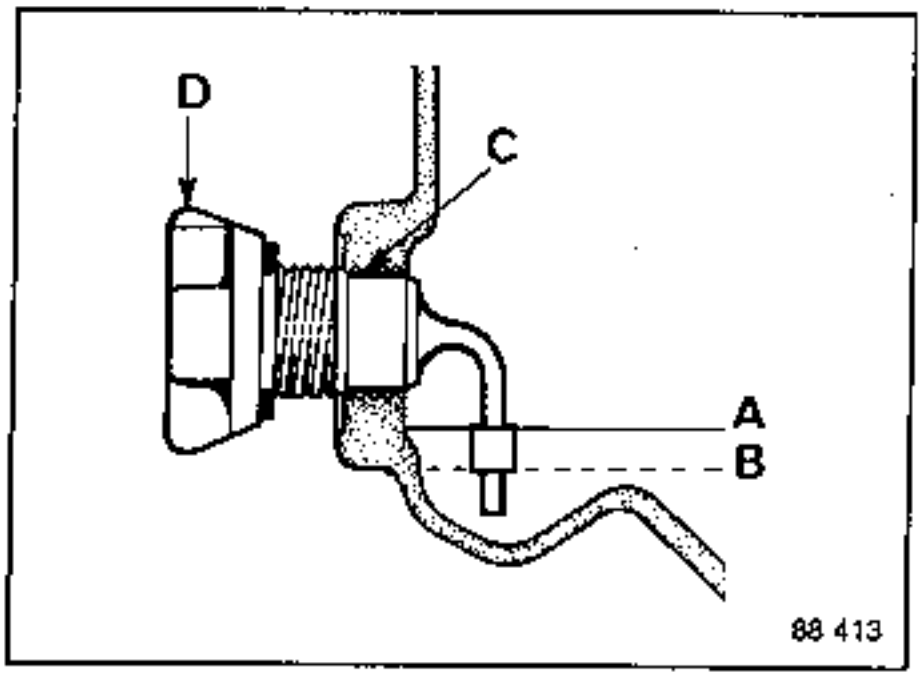


Plug with a dipstick :



A = maximum level
B = minimum level
C = locating shoulder
D = positioning arrow

When checking the level, do not screw in the plug. It will be correctly positioned by the locating shoulder (C).

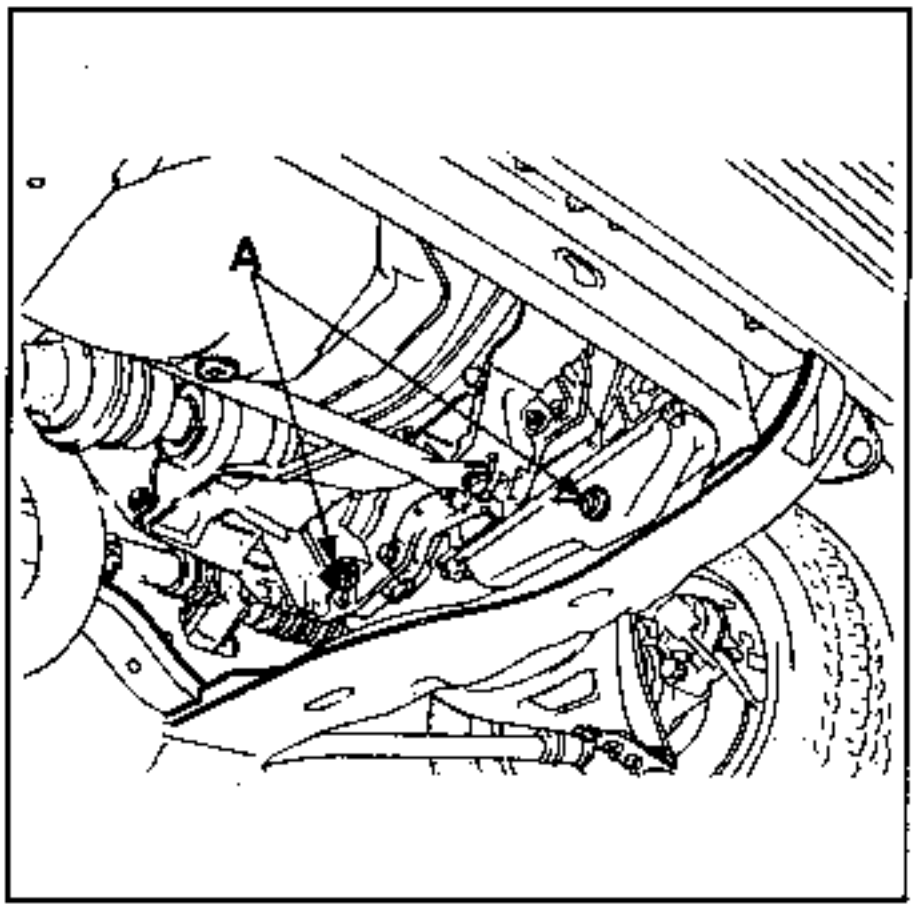


ESSENTIAL SPECIAL TOOLS
Automatic transmission drain plug spanner

The fluid is changed every 50 000 km (30 000 miles) and the oil pump filter is replaced at the same time. There is no fluid change at between 1 000 and 3 000 km (600 and 1 800 miles).

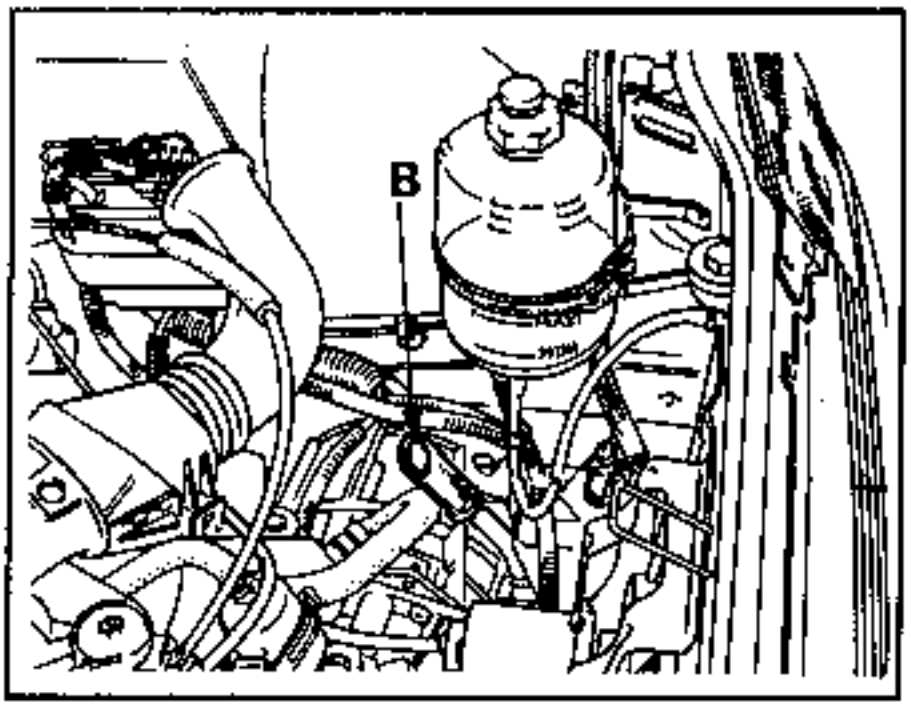
DRAINING

The unit is to be drained when cold, with the dipstick and plugs (A) removed.



Use new seals when refitting the plugs.

FILLING



The unit is filled through the dipstick tube (B).

Use a funnel equipped with a 15/100 filter, to avoid any dirt entering the unit.

Use only the recommended fluid.

Start the engine, run it at idling speed, check the level and top-up if necessary.

CHECKING THE FLUID LEVEL WHEN THE UNIT IS COLD

The vehicle is to be unladen.

Park it on a flat horizontal surface.

Place the selector lever in the "PARK" position (P).

Start the engine and wait from one to two minutes for the convertor and cooler to fill.

The fluid is at ambient temperature (20°C).

Take out the dipstick with the engine still running.

The level must not be lower than mark (1) MIN. COLD (below this there is a risk of damage) and must not be above mark (2) MAX. COLD (there is also a risk of damage).

Never fill the unit above the "MAX. COLD" limit.

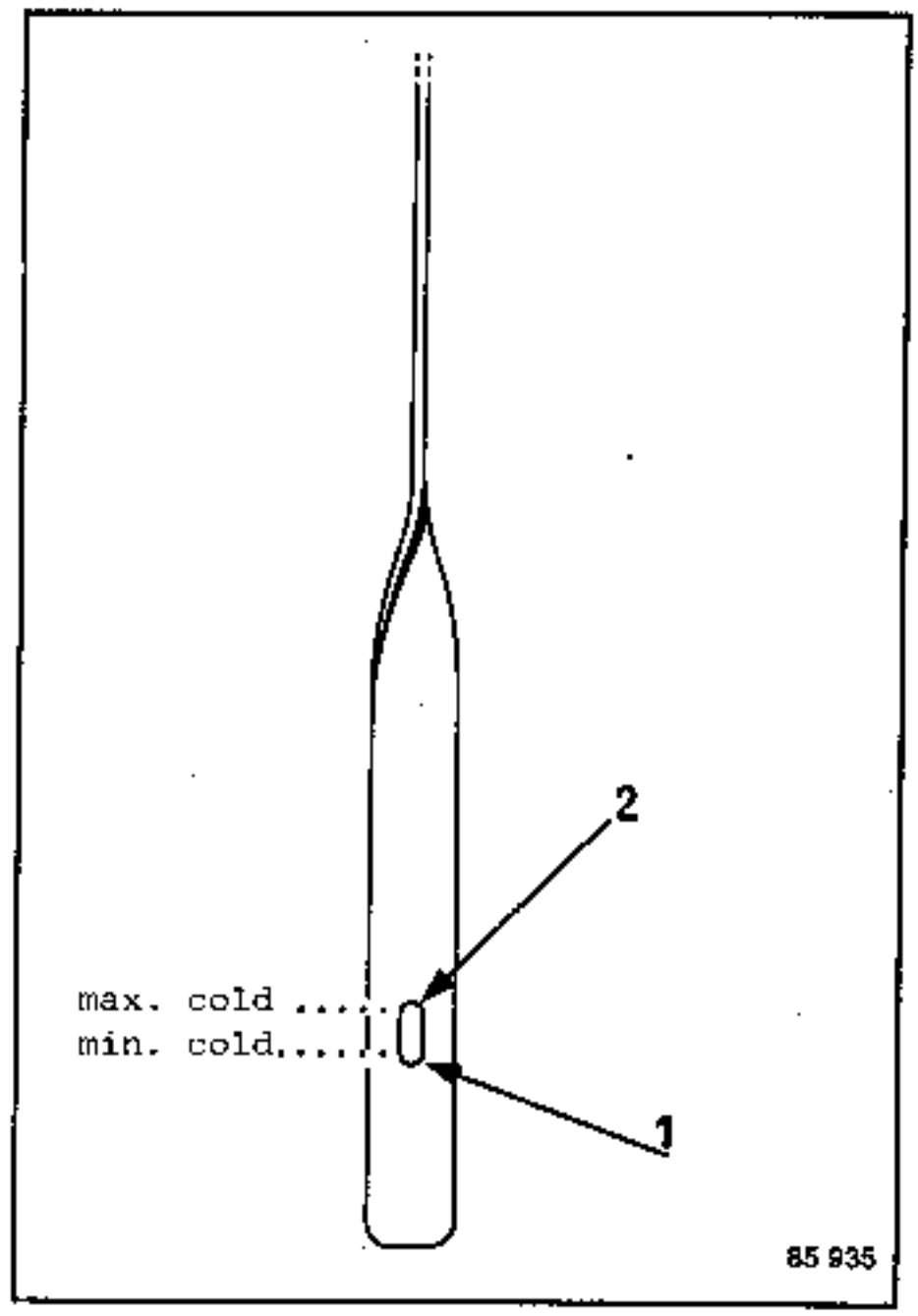
WARNING :

Too much fluid causes :

- overheating of the fluid,
- leakage.

Too little fluid results in :

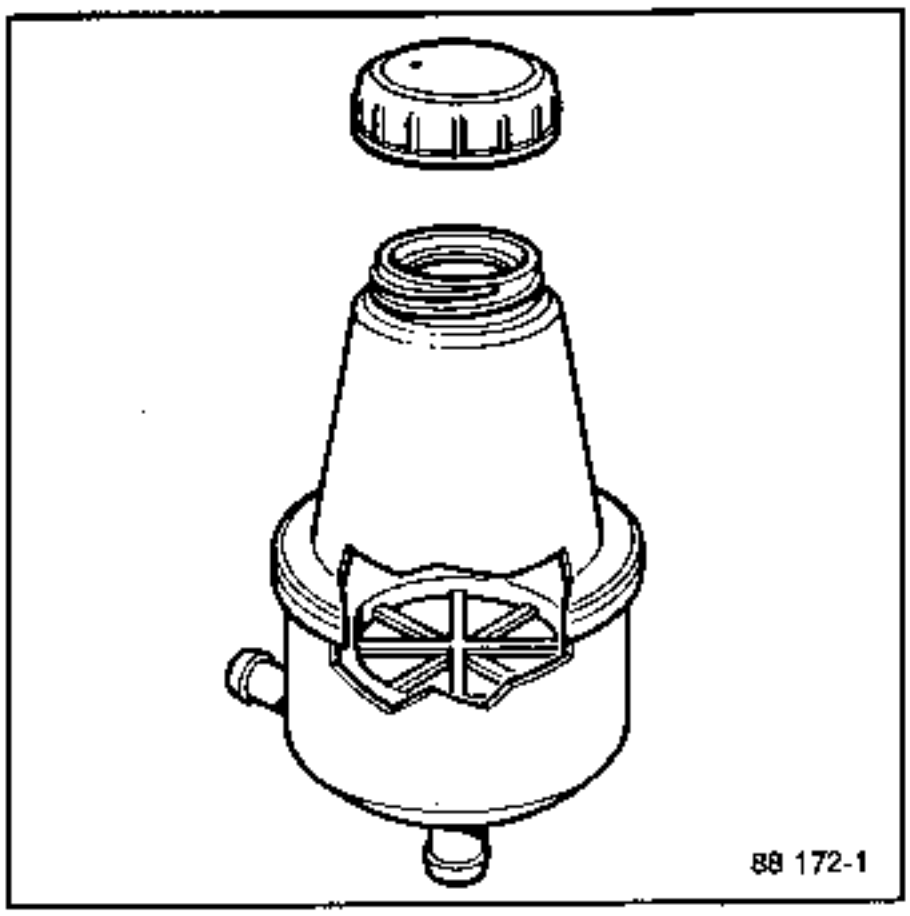
- damage to the mechanisms.

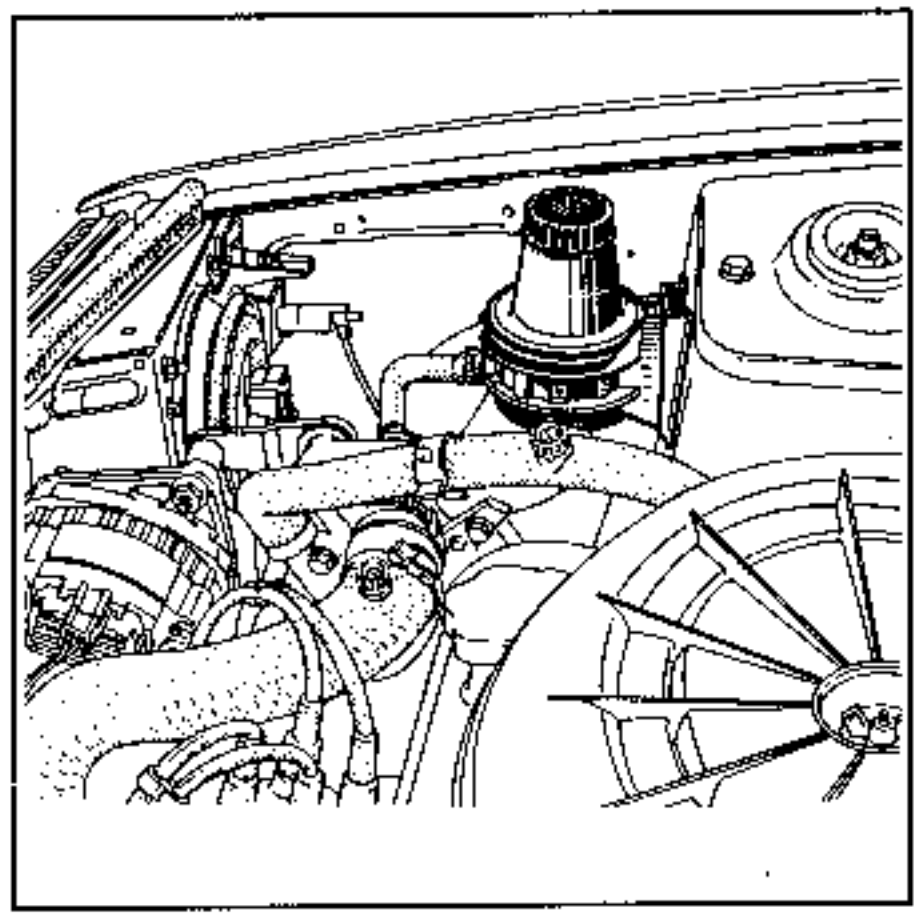


WARNING :
TOP-UP THE LEVEL WHEN THE TRANS. IS COLD

Check the fluid level, every 10 000 km (6 000 miles) with the engine running.

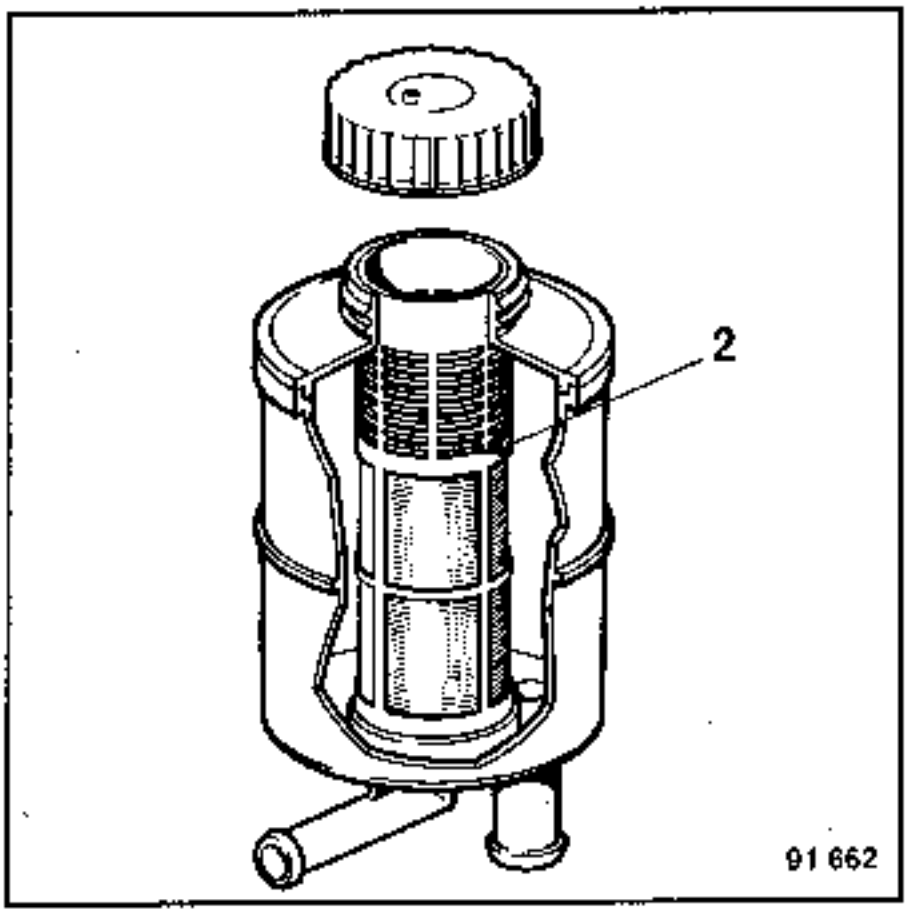
Early type :

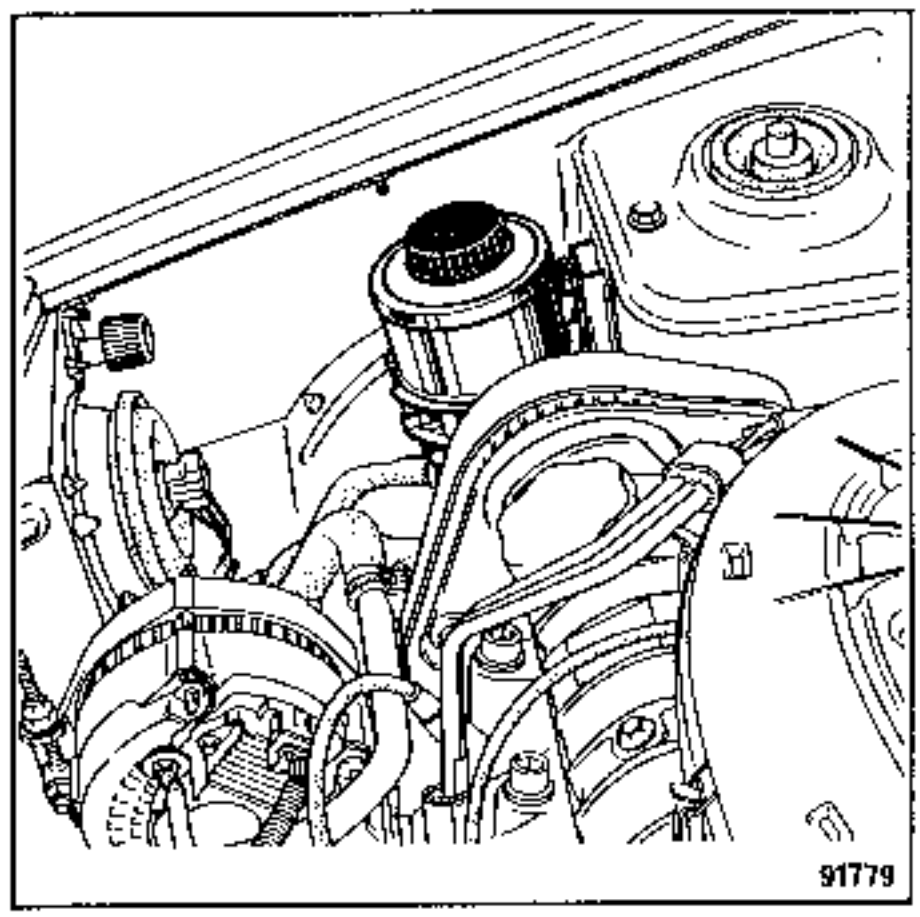




The fluid should be visible over the grille.

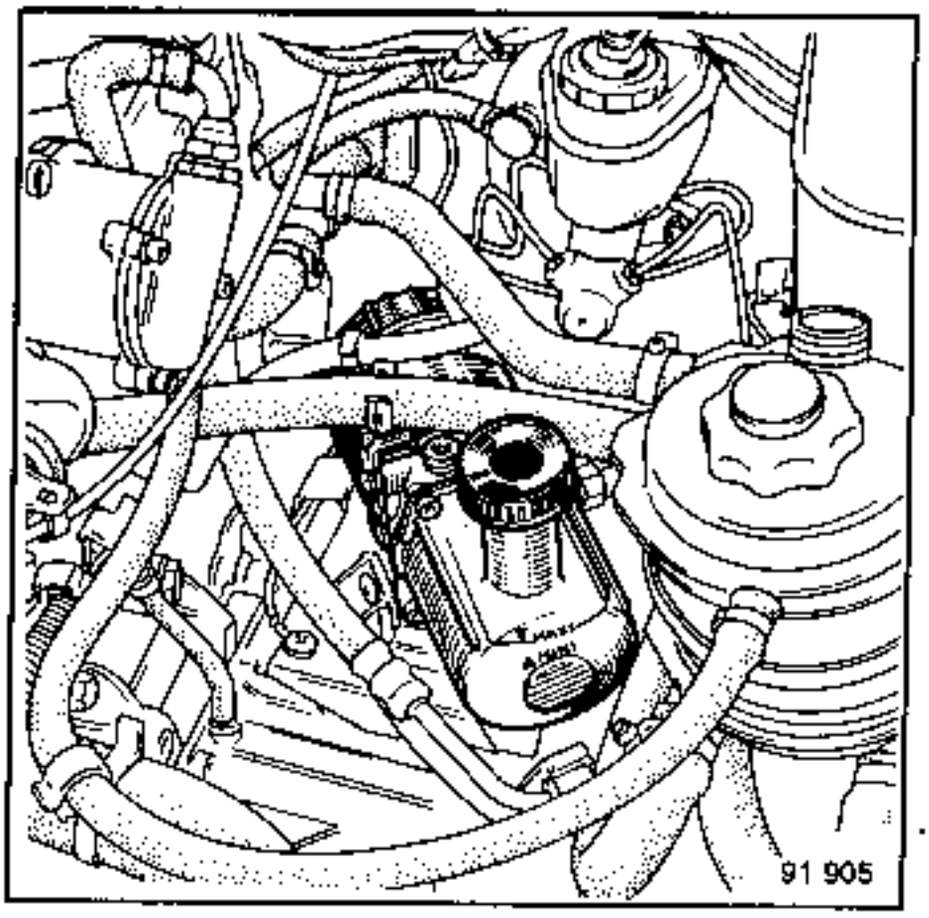
Later type :



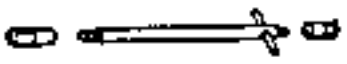
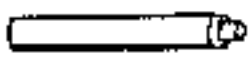
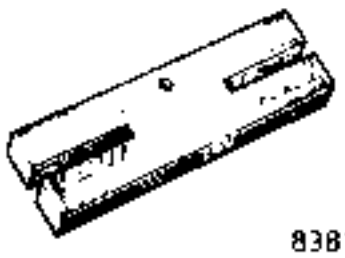
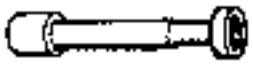


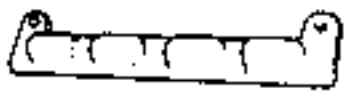
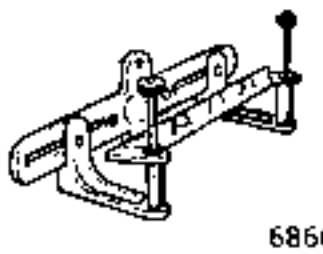
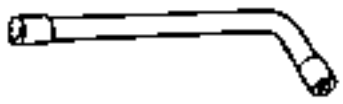
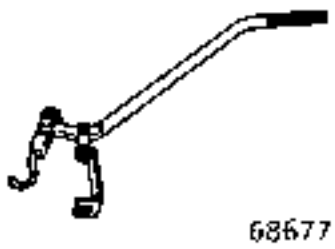
The fluid should be up to the pad (2) on the filter sleeve.

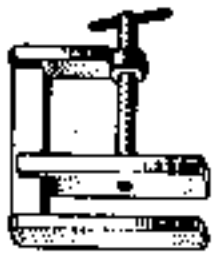
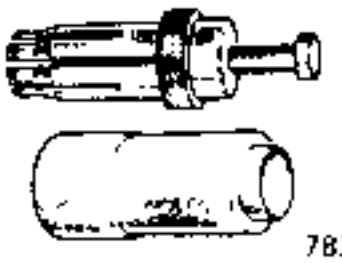
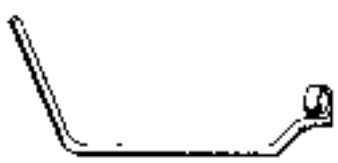
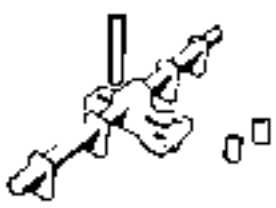
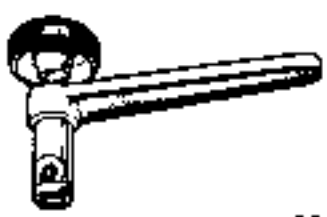
Diesel engined vehicles :

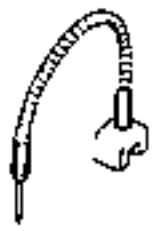
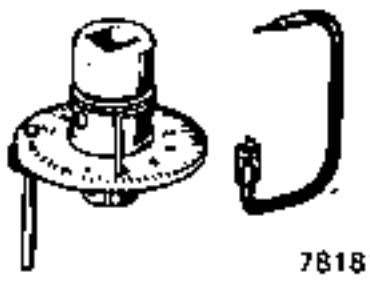
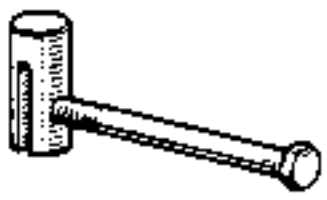
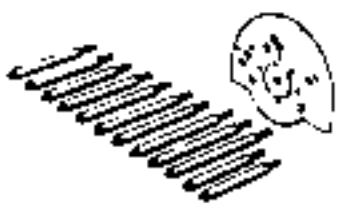


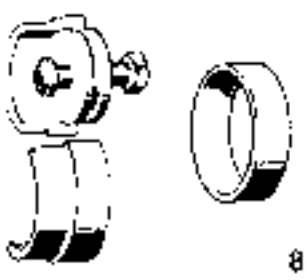
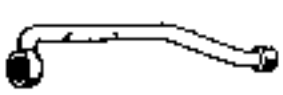
The fluid should be visible between the Max. and Min. levels.

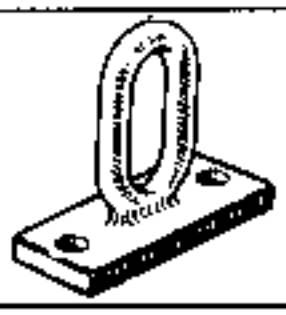
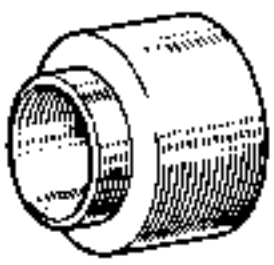
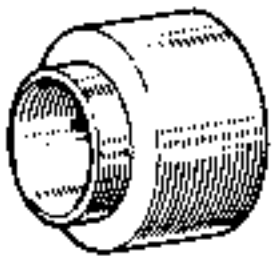
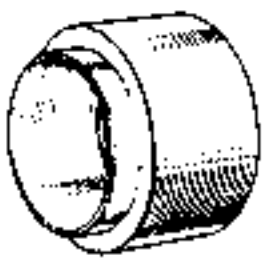
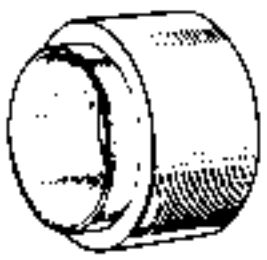
Illustrated symbol	Methods Reference	Part no.	Description
 68616	**Mot. 61**	00 01 199 900	Valve retainer
 68621	**Mot. 104**	00 01 309 900	Cylinder head and cylinder head gasket locating dowels
 68625	**Mot. 111**	00 01 320 300	Drift for crimping the oil gallery plugs
 68658	**Mot. 131-02**	00 01 326 202	Plug for fitting the crankshaft bearing seal inside Ø of seal 72.6 mm
 68641-1	**Mot. 213-01**	00 00 021 301	Pressure gauge for checking the fuel pump pressure (0 to 5 bars)
 83812	**Mot. 251-01**	00 00 025 101	Dial indicator support used with Mot.252-01
 83812	**Mot. 252-01**	00 00 025 201	Locating plate for measuring the cylinder liner projection. Used with Mot.251-01
 68653	**Mot. 253**	00 00 025 300	Wrench, 17 mm across flats, for disconnecting the gearbox from the engine

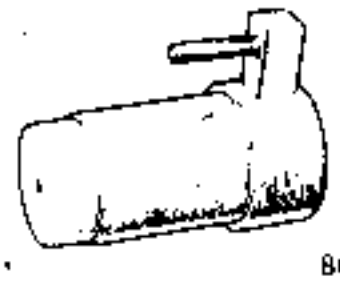
Illustrated symbol	Methods Reference	Part no.	Description
 68658	**Mot. 259-01**	00 00 025 901	Plug for fitting the crankshaft bearing seal - inside Ø of seal 80 mm
 68663	**Mot. 320**	00 00 032 000	Valve retaining plate. Used with Mot.382
 68666	**Mot. 330-01**	00 00 033 001	Cylinder head support
 68668	**Mot. 336**	00 00 033 600	Wrench for P.C. type hose clips. (large model)
 68677	**Mot. 382**	00 00 038 200	Valve spring compressor. Used with Mot.320 and Mot.331
 68681	**Mot. 400**	00 00 040 000	Wrench for P.C. hose clips (small model)
 68682	**Mot. 401**	00 00 040 100	Equipment for filling the cooling system under a positive head (vehicles with glass expansion bottles)
 69716	**Mot. 445**	00 00 044 500	Oil filter spanner

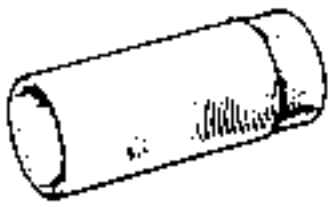
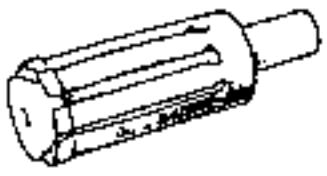
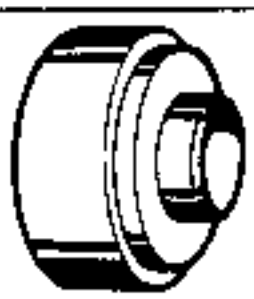
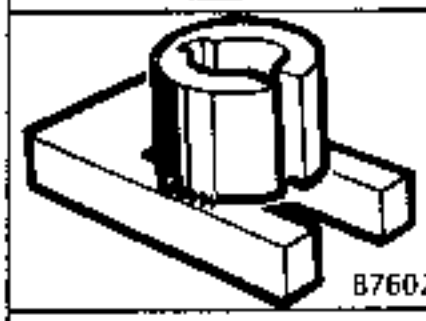
Illustrated symbol	Methods Reference	Part no.	Description
 85654	**Mot. 453-01**	00 00 045 301	Set of 2 hose clamps
 71259	**Mot. 475**	00 00 047 500	Offset ratchet wrench for tightening cylidner head bolts
 73285	**Mot. 498**	00 00 049 800	Equipment for lifting the engine - gearbox assembly (vehicles equipped with type 354 gearboxes)
 78324 1 ▸	**Mot. 500-03**	00 00 050 003	Tools for replacing the camshaft seal (vehicles equipped with type 354 gearboxes)
 73106	**Mot. 503**	00 00 050 300	Spanner for nuts on carburettor base (12 mm across flats)
 83390	**Mot. 521-01**	00 00 052 101	Liner retaining clamp
 68605	**Mot. 567**	00 00 056 700	Rocker arm adjusting spanner
 77121	**Mot. 582**	00 00 058 200	Flywheel retainer

Illustrated symbol	Methods Reference	Part no.	Description
 77669	**Mot. 587**	00 00 058 700	Seal extractor
 77889	**Mot. 591-02**	00 00 059 102	Magnetic cable for cylinder head angle tightening spanner
 78181	**Mot. 591-03**	00 00 059 103	Angle tightening spanner for tightening cylinder head bolts (1/2" drive square)
 78618	**Mot. 597**	00 00 059 700	Equipment for lifting the engine - gearbox assembly
 78785	**Mot. 720**	00 00 072 000	Cylinder head locating tool (for type 840 engines only)
 79923	**Mot. 761**	00 00 076 100	Tools for replacing the mechanical timing gear chain tensioner
 82919	**Mot. 792-01**	00 00 079 201	Engine support plate for the desvil stand
 75723-1	**Mot. 828-01**	00 00 082 801	Flexible screwdriver for carburettor screws fitted with tamperproof caps

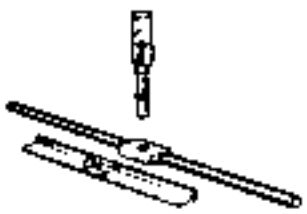
Illustrated symbol	Methods Reference	Part no.	Description
 82258	**Mot. 836-06**	00 00 083 606	Set of replacement connectors for kit Mot.836-05
 83289	**Mot. 855**	00 00 085 500	Timing sprocket retaining tool
 83375	**Mot. 856**	00 00 085 600	Dial indicator support for setting the timing on BOSCH injection pumps
 83394	**Mot. 861**	00 00 086 100	Top dead centre dowel
 83657	**Mot. 867**	00 00 086 700	Pressure testing kit for fuel systems
 84431	**Mot. 876**	00 00 087 600	Camshaft bearing extractor (5 bearing type)
 84122	**Mot. 877**	00 00 087 700	Tools for setting the timing on the ROTO-DIESEL injection pump
 84747	**Mot. 909-01**	00 00 090 901	Spanner for injection pump securing nuts

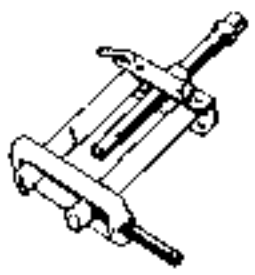
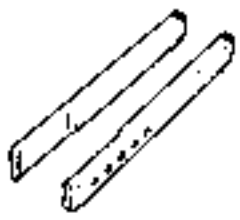
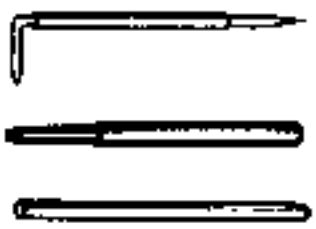
Illustrated symbol	Methods Reference	Part no.	Description
 84757	**Mot. 923**	00 00 092 300	Cylinder head lifting ring
 86422	**Mot. 930**	00 00 093 000	ROTO-DIESEL injection centre tool kit
 86675	**Mot. 964**	00 00 096 400	Tool for locating the timing gear casing and fitting the seals
 86893	**Mot. 988**	00 00 098 800	Plug for fitting the camshaft seal*
 86893	**Mot. 988-01**	00 00 098 801	Plug for fitting the camshaft seal
 86888	**Mot. 989**	00 00 098 900	Plug for fitting the intermediate shaft housing seal
 86892	**Mot. 990**	00 00 099 000	Plug for fitting the crankshaft seal (at the timing gear end)*
 86892	**Mot. 990-01**	00 00 099 001	Plug for fitting the crankshaft seal at the timing gear end

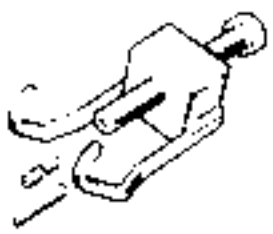
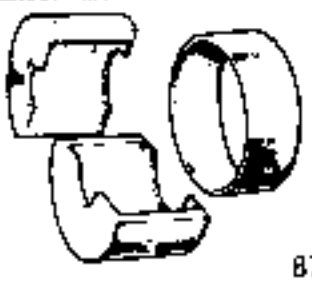
Illustrated symbol	Methods Reference	Part no.	Description
 68658	**Mot. 991**	00 00 099 100	Plug for fitting the crankshaft seal (at the flywheel end)
 87531	**Mot. 992-01**	00 00 099 201	Additional thrust plate for tool Mot.992
 88986	**Mot. 992-03**	00 00 099 203	Plate and pin for removing valve pads (additional to Mot.992-02)
	Mot. 992-04	00 00 099 204	Tool for removing and refitting the valve clearance adjusting pads (replacing Mot.992-02)
 86887	**Mot. 993**	00 00 099 300	Plug for fitting the intermediate shaft inner bush
 86889	**Mot. 994**	00 00 099 400	Plug for fitting the intermediate shaft outer bush
 84900	**Mot. 995**	00 00 099 500	Set of 2 rods (used with engine support plate Mot.792-01)
 87164	**Mot. 996**	00 00 099 600	Tool for retaining the injection pump drive sprocket

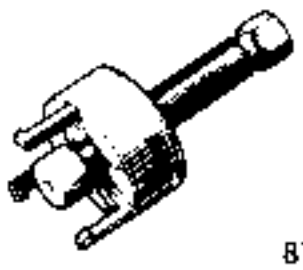
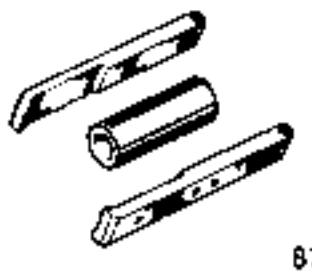
Illustrated symbol	Methods Reference	Part no.	Description
 86890	**Mot. 997**	00 00 099 700	Injector holder spanner
 86891	**Mot. 998**	00 00 099 800	Intermediate shaft bush extractor
 86977-1	**Mot. 999**	00 00 099 900	Union for checking compression pressures (used with the Moto-meter NAUDER compression pressure indicator).
 B7569	**Mot. 1010**	00 00 101 000	Plug for fitting the camshaft seal (at the clutch end)
 B7602	**Mot. 1011**	00 00 101 100	Injector holder support for dismantling and testing injectors. ROTO-DIESEL equipment
 88024	**Mot. 1014**	00 00 101 400	Kit for checking and adjusting the turbo charger pressure and for checking the engine for leaks
 90185	**Mot. 1040**	00 00 104 000	Dummy sub-frame for removing and refitting the power unit assembly
 90185	**Mot. 1040-01**	00 00 104 001	Dummy sub-frame for removing and refitting the power unit assembly

Illustrated symbol	Methods Reference	Part no.	Description
 90097	**Mot. 1053**	00 00 105 300	Injection pump sprocket extractor
 90277	**Mot. 1054**	00 00 105 400	Top dead centre pin
	**Mot. 1079**	00 00 107 900	Equipment for setting the timing of the new ROTO-DIESEL pumps with access through the cover
	**Mot. 1079-01** 00 00 107 901		Equipment for setting the timing of the new ROTO-DIESEL pumps used with the 30 mm travel dial indicator Mot.1079-02
 91285	**Mot. 1079-02** 00 00 107 902		Dial indicator for Mot.1079-01 for setting the timing on ROTO-DIESEL DPC injection pumps

Illustrated symbol	Methods Reference	Part no.	Description
 68982	**Ele. 15**	00 01 323 300	Test light
 68973	**Ele. 22-01**	00 01 331 001	Shaft end protector (for extracting bearings)
 87217-1+	**Ele. 346-04**	00 00 034 604	Belt tension tester Kit Ele.346-02 + Ele.346-03
 75742	**Ele. 556**	00 00 055 600	Cranked spanner for the distributor securing nut
 88284	**Ele. 1023**	00 00 102 300	Grips for type M.T.I.S. electrical connectors
	Ele. 1044	00 00 104 400	Tool for removing the clips from PACKARD connectors

Illustrated symbol	Methods Reference	Part no.	Description
 84328	Emb. 880	00 00 088 000	Pin extractor
		Gearbox	
 71625	B. Vi. 28-01	00 01 227 301	Extractor with inter-changeable jaws
 71806	B. Vi. 28-02	00 01 244 000	Set of 2 jaws 196 mm long. Replacemetn for B.Vi.28-01
 71806	B. Vi. 28-03	00 01 244 001	Set of 2 jaws 146 mm long. Replacemetn for B.Vi.28-01
 68997-1	B. Vi. 31-01	00 01 259 401	Set of 3 punches for fitting spring pins 5 mm Ø
 68997	B. Vi. 31-02	00 01 332 600	Replacement punch for set B.Vi.31-01

Illustrated symbol	Methods Reference	Part.no.	Description
 69006	**B. Vi. 48**	00 01 330 300	Set of 2 wide ended jaws (additional to B.Vi.28-01)
 84519-1	**B. Vi. 902-01**	00 00 090 201	Tool for fitting circlips to primary and secondary shafts
 86095	**B. Vi. 945**	00 00 094 500	Plug for fitting the sun wheel seal
 86096	**B. Vi. 946**	00 00 094 600	Plug for fitting the circlip to the sun wheel
 86097	**B. Vi. 947**	00 00 094 700	Plug for fitting bearings to the gearbox housing
 86062	**B. Vi. 948**	00 00 094 800	Plug for fitting the 5th speed gear wheel circlip
 86098	**B. Vi. 949**	00 00 094 900	Tool for fitting and removing spring pins in the shift fork shafts
 87213	**B. Vi.1000**	00 00 100 000	Extractor for removing the 5th speed hub from the secondary shaft (used with B.Vi.22-01)

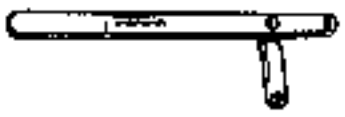
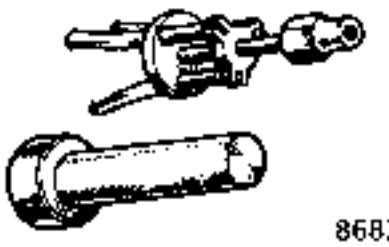
Illustrated symbol	Methods Reference	Part no.	Description
 87216	**B. Vi. 1003**	00 00 100 300	Extractor for removing the 5th speed hub from the primary shaft
 87571 +	**B. Vi. 1007**	00 00 100 700	Set of 2 jaws and a protective end for extracting gears (used with B.Vi.28-01)
 86097	**B. Vi. 1030**	00 00 103 000	Plug for fitting bearings to the gearbox housing
88689	**B. Vi. 1031**	00 00 103 100	Tool for fitting the circlips to the primary and secondary shafts
 90594	**B. Vi. 1057**	00 00 105 700	Tool for locking the differential
90592	**B. Vi. 1058**	00 00 105 800	Tool for fitting the gearbox outlet seal at the differential end
 90588	**B. Vi. 1059**	00 00 105 900	Rings for fitting the differential bearings

Illustrated symbol	Methods Reference	Part no.	Description
 72161	T. Av. 476	00 00 047 600	Ball joint extractor
 69128-1	T. Av. 537-02	00 00 053 702	Expander for fitting the drive shaft bellows (type GE 86 joint)
 69128-1	T. Av. 586-01	00 00 058 601	Expander for fitting the drive shaft bellows (type GE 76 joint)
 85894	T. Av. 944	00 00 094 400	Tool for fitting the bearing to the drive shaft
 88639	T. Av. 1034	00 00 103 400	Grips for tightening the drive shaft bellows clip (type GE 76 - GE 86 - Lobro RF 95 drive shafts)
 89214	T. Av. 1050	00 00 105 000	Thrust screw for 4 and 5 hole wheels (for R.18-Fuego-R.20-R.30 vehicles with negative offset front axles only)

Illustrated symbol	Methods Reference	Part no.	Description
 77840	**Dir. 803**	00 00 080 300	Union for measuring the power steering fluid pressure. Metric thread (Renault 17)F
 81638	**Dir. 812-01**	00 00 081 201	Tool for tightening and releasing the steering axial ball joint - Ø 36 and 37 mm
	Dir. 832-01	00 00 083 201	Tool for tightening and releasing the steering axial ball joint - Ø 41 mm
 88078	**Dir. 1083**	00 00 108 300	Tools for refitting the power steering pump pulley. Replaces set Dir.1017

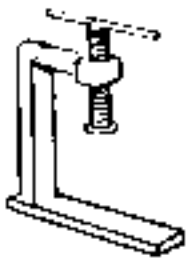
Rear axle

 86182-1	**T. Ar. 960-01**	00 00 096 001	Set for extracting the first bush from the rear bearing (additional to T.Ar.960)
	T. Ar. 960-02	00 00 096 002	Tool set for replacing the rear bearing bushes (combining T.Ar.960 + 960-01)

Illustrated symbol	Methods Reference	Part no.	Description
 69306-1	**Rou. 015-01**	00 01 331 601	Shaft end protector inside Ø 16 mm
 74923	**Rou. 541**	00 00 054 100	Dial indicator support for checking the play in the hubs
 77672	**Rou. 604-01**	00 00 060 401	Hub locking tool
 86831	**Rou. 943**	00 00 094 300	Tools for replacing the hub plugs

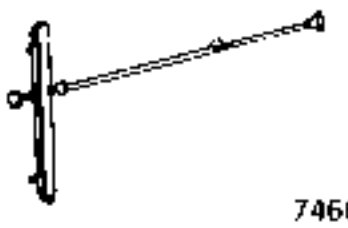
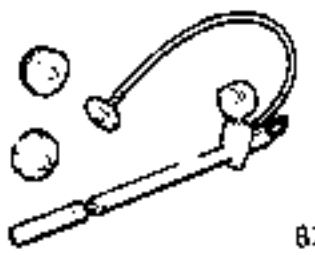
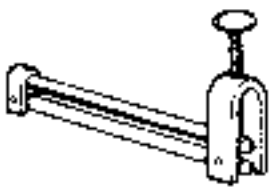
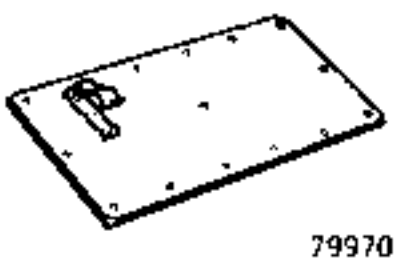
Suspension

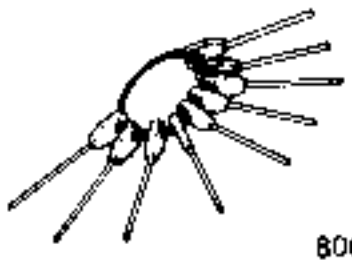
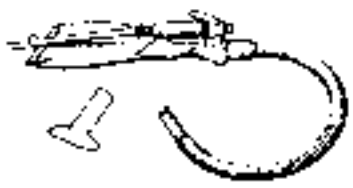
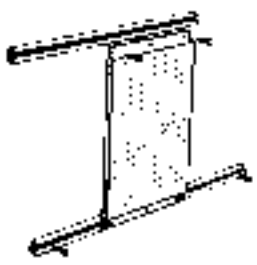
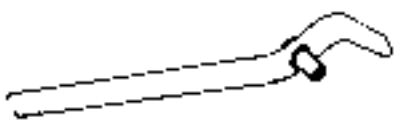
Illustrated symbol	Methods Reference	Part no.	Description
 90100	**Sus. 1052**	00 00 105 200	Tools for working on front springs and shock absorbers
	Sus. 1052-01	00 00 105 201	Intermediate plate for Sus.1052 for replacing the springs and shock absorbers of the 5 GT TURBO

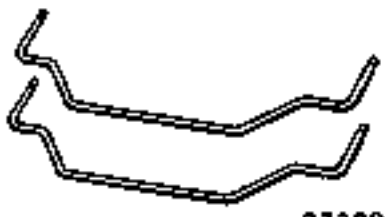
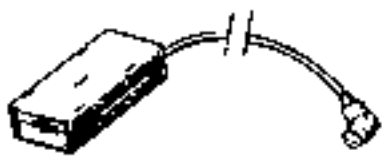
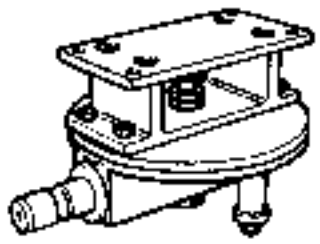
Illustrated symbol	Methods Reference	Part no.	Description
 82072	**Fre. 573-01**	00 00 057 301	Grips for hooking the hand brake cable to the shoe operating lever
 82071	**Fre. 823**	00 00 082 300	Brake caliper piston pusher (vehicles equipped with disc brakes)
 81813	**Fre. 826**	00 00 082 600	Tool for removing the brake lateral retaining spring (BENDIX rear brakes)
 89034	**Fre. 1047**	00 00 104 700	Bridge piece for removing the hand brake control from the rear caliper (R.5 Turbo)
	Fre. 1085	00 00 108 500	Complete kit for testing the braking system

Special equipment

 75124	**Ms. 504-01**	00 00 050 401	Steering clamping tool
 82900	**Ms. 511-01**	00 00 051 101	Starter remote control

Illustrated symbol	Methods Reference	Part no.	Description
 74663	**Ms. 533**	00 00 053 300	Removable hand throttle
 82999-1	**Ms. 554-01**	00 00 055 401	Plug for fitting to expansion bottle
 82999-1	**Ms. 554-03**	00 00 055 403	Equipment for testing the cooling system and the expansion bottle valve
 82999-1	**Ms. 554-04**	00 00 055 404	Plug for testing expansion bottle valves (additional to Ms.554-03)
 77070	**Ms. 580**	00 00 058 000	Inertia weight
 77125	**Ms. 583**	00 00 058 300	Hose clamp
 78707	**Ms. 760**	00 00 076 000	Tester for checking and adjusting ignition systems
 79970	**Ms. 782**	00 00 078 200	Anti-fire protection plate 40 x 20 cm

Illustrated symbol	Methods Reference	Part no.	Description
 80079	**Ms. 787**	00 00 078 700	Set of gauge rods for adjusting carburettors
 81854	**Ms. 815**	00 00 081 500	Equipment for bleeding the braking system and the clutch system
 82502	**Ms. 815-01**	00 00 081 501	Replacement pipettes for fitting to bleed equipment Ms.815, sold in sets of 6
 81782	**Ms. 821**	00 00 082 100	Vacuum cleaner for removing dust from brakes
 82310	**Ms. 841**	00 00 084 100	Set of 2 rails for mounting tool support panels
 84901	**Ms. 847**	00 00 084 700	Lever for fitting "tubeless" valves
 84253	**Ms. 860-01**	00 00 086 001	Strobe light kit for Ms.760 (except for diesel engines)
 83660	**Ms. 870**	00 00 087 000	Vacuum gauge for checking the exhauster (diesel engines)

Illustrated symbol	Methods Reference	Part no.	Description
 87289	Ms. 1005	00 00 100 500	Set of 2 extractors for removing the "Audio" unit
 87268	Ms. 1006	00 00 100 600	Service connector for radio installation
 87995	Ms. 1008	00 00 100 800	Removable head for the DESVIL stand (used with Mot.792-01)