

Dimen- sions in mm	Up to December 1987		As from January 1988
	Petrol	Diesel	
A	4250	4300	4365
B	870	920	920
C	800	800	865
D	1426	1426	1467*
E	1489	1489	1489*

* Vehicle with steel wheels (+6 mm with light alloy wheels)

ENGINE - CLUTCH - GEARBOX

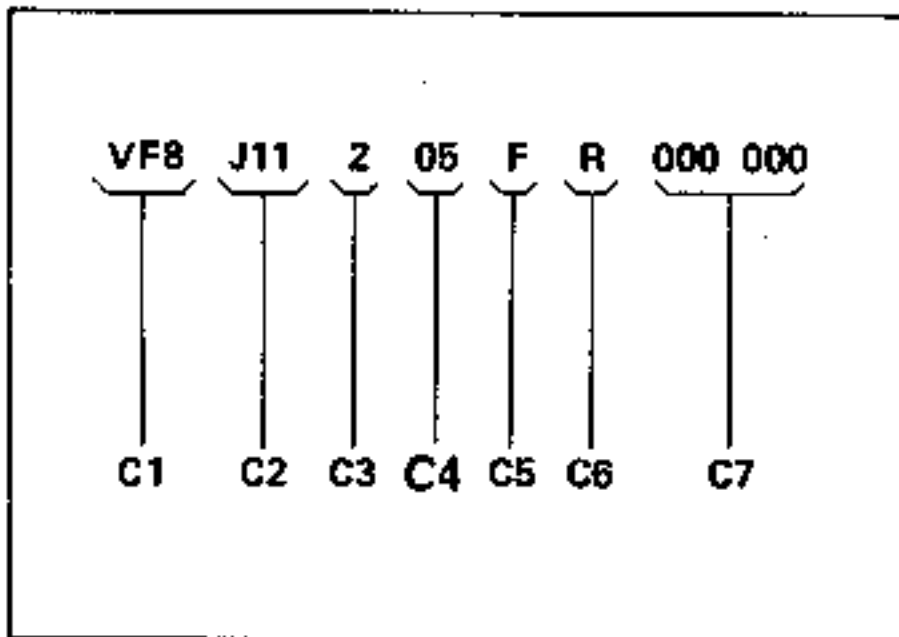
Vehicle type	Engine		Clutch type	Gearbox type
	Type	Cubic capacity (cc)		
J112 - S112	J6R 234	1995	215 CP 475	NG 3
J112 - S112	J6R 734	1995	"	"
J115 - S115	J8S 240	2068	"	"
J116	J7R 760	1995	"	"
J117	J7T 770	2165	"	"

This appears on two plates :

- one rectangular plate on the righthand wheel arch, in the engine compartment;
- one oval plate on the righthand wheel arch, in the engine compartment.

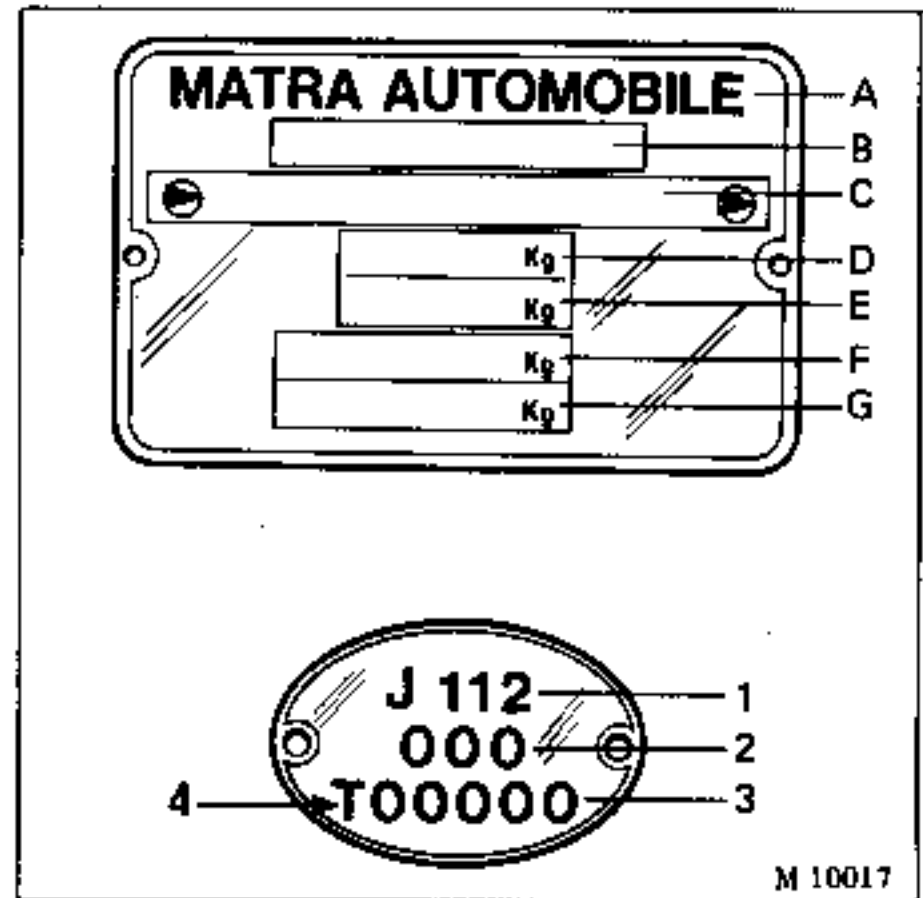
The rectangular plate displays* :

- at A : the manufacturer's name.
- at B : the E.E.C. approval number.
- at C : the French official type number and the chassis number.



- at C1 : the manufacturer's international identification code (the code for MATRA AUTOMOBILE for example is VF8);
- at C2 : the body type code;
- at C3 : the engine type (2: petrol, 5: diesel; 6: petrol injection, 7: lead-free petrol injection);
- at C4 : the gearbox type 05: manual 5-speed gearbox;
- at C5 : the model year (F: 1985);
- at C6 : the factory code
R : (ROMORANTIN);
- at C7 : the chassis number.

- at D : the gross vehicle weight.
- at E : the gross train weight.
- at F : the maximum permissible front axle loading.
- at G : the maximum permissible rear axle loading.



The oval plate displays :

- at (1) : the body and engine types
- at (2) : the basic version, depending on the country.

	STEERING	
	LH	RH
GOOD ROADS	Series 100	Series 600
POOR ROADS	Series 200	Series 700
SPECIAL EQUIPMENT	Series 500	Series 800

- at (3) : the fabrication number
- at (4) : the assembly factory
T = Romorantin
K = Dieppe

* Note : on some export models, certain of the items stated above may not appear, this being a description of all the details that may be shown on the plate.

ESSENTIAL SPECIAL TOOLS

Cha. 280-02	Cross piece for fitting the trolley jack
Cha. 408-02	Adaptor for fitting the trolley jack

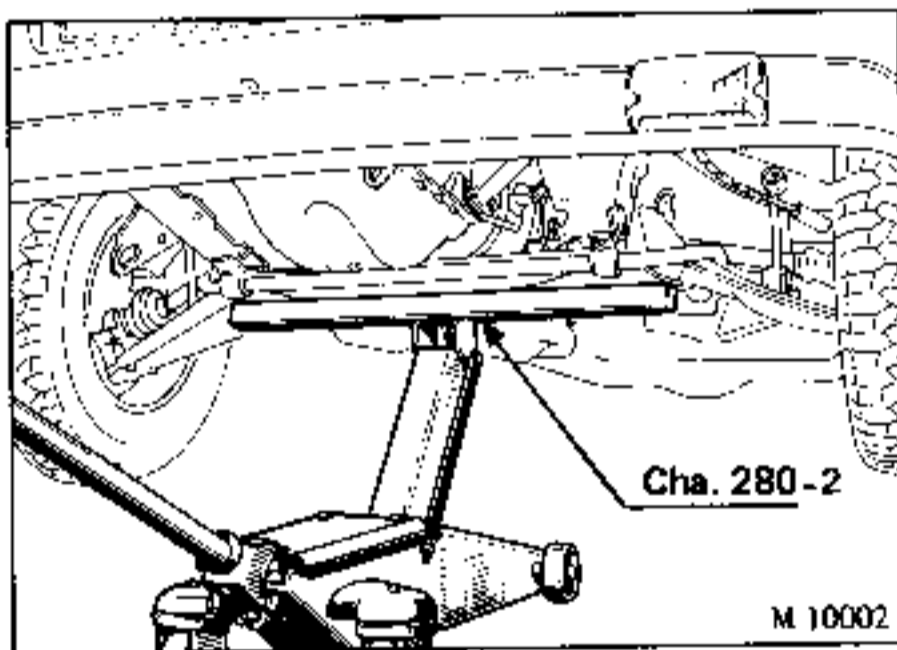
It is forbidden to raise a vehicle by taking the weight under the front suspension arms. Use adaptors Cha.408-02 for fitting cross piece Cha.280-02, according to the type of trolley jack.

TROLLEY JACK AT FRONT OF VEHICLE

Apply the handbrake or place chocks behind the rear wheels.

Use cross piece Cha.280-02.

Take the weight under the front cross-member. Avoid contact between the cross piece and the gearbox and exhaust downpipe.

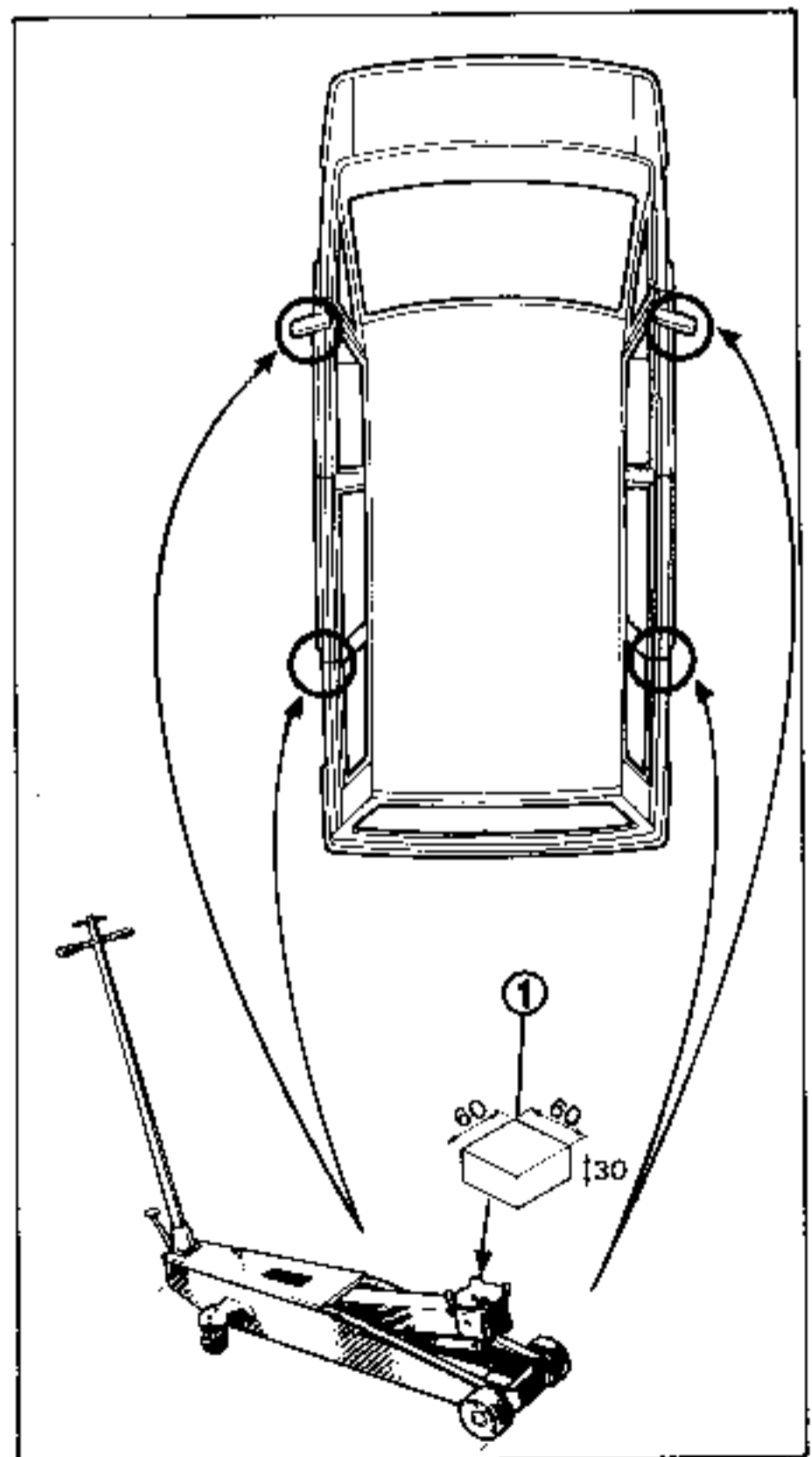


TROLLEY JACK AT REAR OF VEHICLE

It is **FORBIDDEN** to raise the rear of the vehicle by taking the weight under the central section of the rear axle. Raise each wheel separately, taking the weight at the lifting points for the vehicle jack.

ESSENTIAL PRECAUTION

So as not to damage the bolt supports (if panels are twisted it will be impossible to use the jack) a block (1) made up as shown in the drawing below, must be placed between the jack head and the sidemember bearing face.

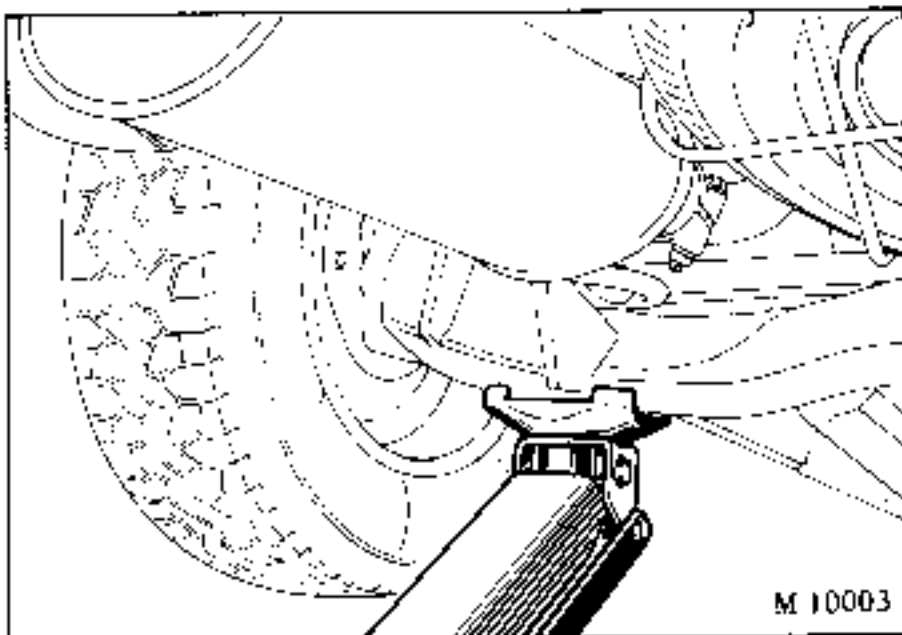
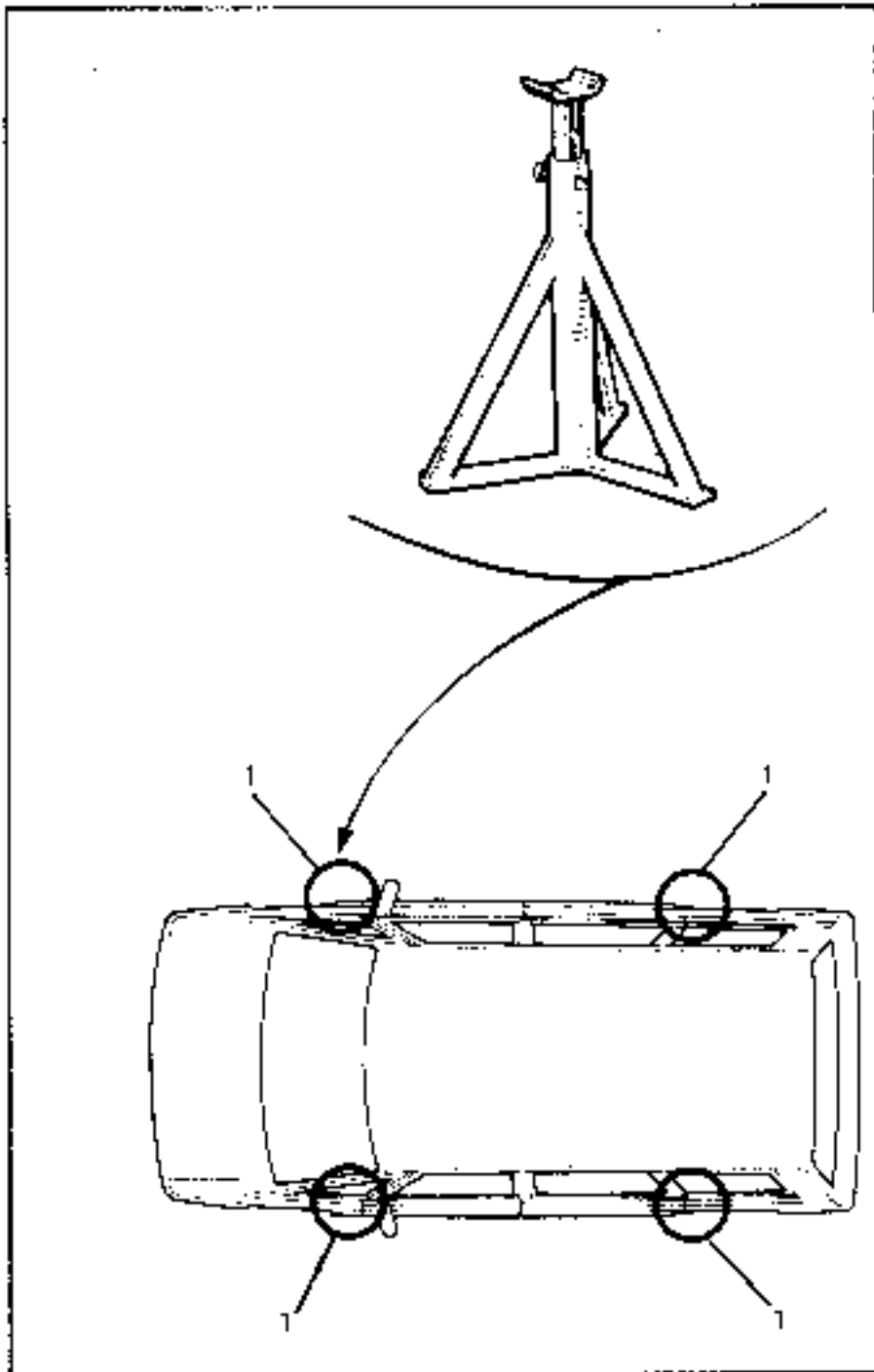


AXLE STANDS

When the vehicle is supported on axle stands, they must be placed under stiffeners (1) of the jacking points provided for the vehicle's own jack.

To lift the vehicle from the rear, take the load on the rear axle, under the shock absorber securing points.

ATTENTION : DO NOT TAKE THE WEIGHT UNDER THE SIDE VALANCE : AS IT IS MADE OF POLYESTER RESIN THERE IS A RISK OF IT BREAKING.

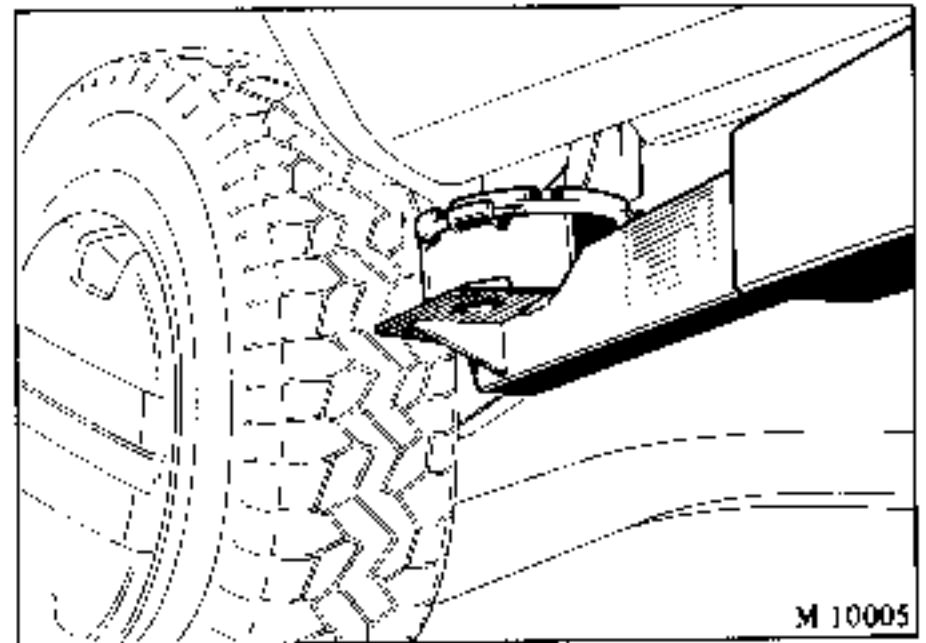
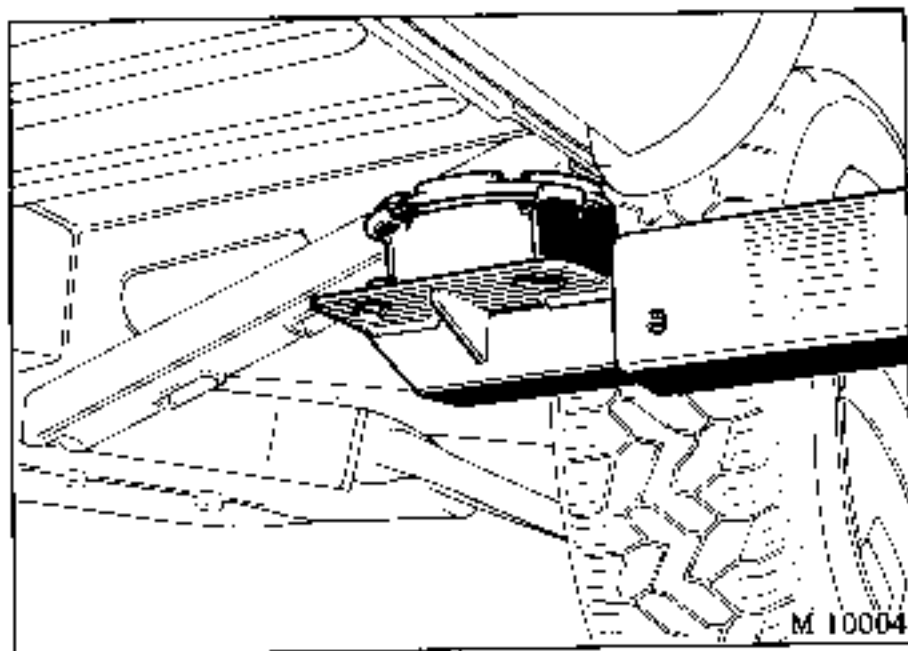


Place the lift pads under the vehicle jacking points, taking care not to bend the sides of these points. If a jacking point is damaged it may be impossible to fit the vehicle jack.

FOR THIS PURPOSE USE THE BLOCKS DESCRIBED PREVIOUSLY.

SAFETY PRECAUTION

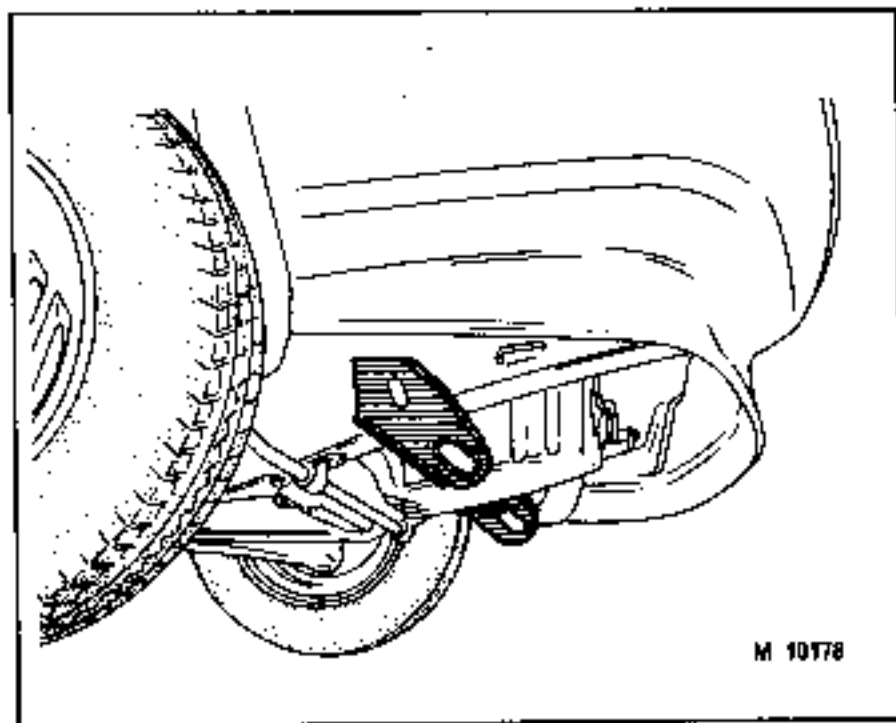
When using a two column lift, it is essential that the lifting pads remain under the jacking points. To ensure this, it is **FORBIDDEN** to remove any components that would cause a change in the weight distribution, on such a lift.



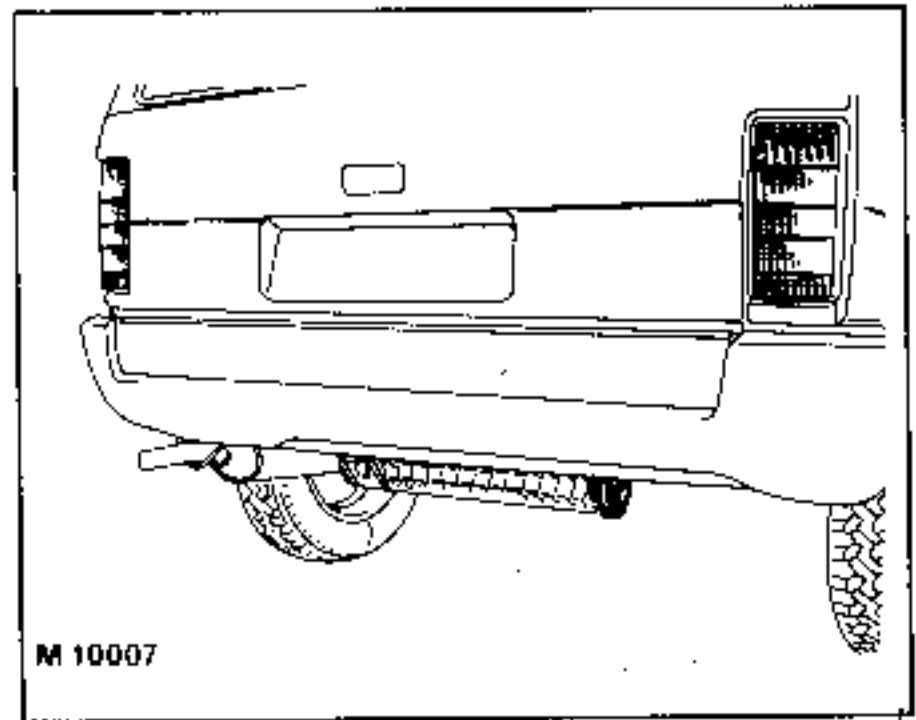
It is **FORBIDDEN** to take the weight with a jack under the centre section of the rear crossmember to raise the vehicle.

The towing brackets are only to be used for towing the vehicle on the road. Under no circumstances are they strong enough to pull the vehicle out of a ditch, or any other similar emergency operation, or to lift the vehicle whether directly or indirectly.

FRONT



REAR



Unit	Capacity (litres)	Grade	Special points
Engines J6R } J7R } J7T } J8S }	For oil change		<p>E.E.C. countries</p> <p>- 20° C - 15° C 0° C + 25° C</p> <p>CCMC-G2 15W40 - 20W40 15W50 - 20W50</p> <p>CCMC-G3 10W30 * - 10W40 (1) 10W50</p> <p>CCMC-G3 5W30 - 5W40</p>
	(without oil filter)		<p>Other countries</p> <p>- 20° C - 10° C 0° C + 10° C + 15° C</p> <p>API SE or SF 15W40 - 20W40 - 20W50</p> <p>API SE or SF 10W30</p> <p>API SE or SF 5W30</p>
Gearbox NG3	2,2	APIGL5 or MIL L2105B or C	<p>- 10° C + 25° C</p> <p>SAE75W SAE75W/SAE80W SAE80W</p> <p>-30° -20° -10° 0° +10° +20° +30°</p>
Braking system	0,7	SAE J 1703 & DOT 3 & DOT 4	The brake fluid must be of a type approved by our Design Office.
Cooling system Engines J6R - J7R - J7T J8S	7,2 7,5	Coolant GLACEOL AL (type C)	Protection down to -23°C for hot, temperate and cold climates. Protection down to -40°C for "Extreme cold" climates.
Fuel tank	approx. 63	4-star or diesel	
Power steering separate reservoir	1,1	Elf Renault T MATIC D2 MOBIL ATF 220 TOTAL DEXRON	

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

A list of products recommended for mechanical repair operations.

DESCRIPTION	PACK SIZE	PART No.
GREASES		
<ul style="list-style-type: none"> ● MOLYKOTE "BR2" grease for trunnions, clutch fork bearing areas, lower suspension arm bearings torsion bar splines, steering box, driveshaft splines ● MOLYKOTE "33 Medium" grease for rear axle bearings (tubular type), anti-roll bar bushes ● MOLYKOTE M55 + Synchro rings ● MOLYKOTE CU 7439 (high temperature grease), turbocharger, etc. ● "ELF MULTI" for lip seals, driveshaft stub-axle splines, threads on studs and wheel bolts ● "MOBIL CVJ" 825 Black star or MOBIL EXF57C for driveshaft seals ● GRAISSE N° 20 for sunwheel splines, fork shaft, thrust pad guide, clutch shaft fork pad ● "ELF MULTI MOS2" for anti-roll bar bearings 	<ul style="list-style-type: none"> 1 kg tin 100 g tube 1 kg tin 1 kg tin 180g sachet 1 g sachet 1 kg tin 	<ul style="list-style-type: none"> 77 01 421 145 77 01 028 179 77 01 421 079 77 01 417 627 77 01 022 166 77 01 366 100 77 01 032 832 ● To order, contact your local After-Sales head office.
MECHANICAL SEALANTS		
<ul style="list-style-type: none"> ● Perfect-seal "LOWAC" jointing compound ● Mastic for sealing exhaust pipe connections ● "CAF 4/60 THIXO" for driveshaft rollpins 	<ul style="list-style-type: none"> 100 g tube 1.5 kg tin 100 g tube 	<ul style="list-style-type: none"> 77 01 417 404 77 01 421 161 77 01 404 452

A list of products recommended for use during mechanical repair operations.

DESCRIPTION	PACK SIZE	PART No.
MECHANICAL SEALS		
<ul style="list-style-type: none"> ● "CAF 4/60 THIXO" HARDENER KIT for sealing main bearing caps ● AUTO joint bleu sealing paste ● LOCTITE 518 for sealing gearbox housing ● DOSE GURIT for sealing fuel tank sender unit 	<ul style="list-style-type: none"> Kit 100 ml tube 45 g tube 24 ml syringe 60 cc tube 	<ul style="list-style-type: none"> 77 01 421 080 77 01 396 227 77 01 397 027 77 01 421 162 77 01 421 164
ADHESIVES		
<ul style="list-style-type: none"> ● "LOCTITE - FRENATANCH" prevents bolts coming loose and yet still permit their removal ● "LOCTITE - FRENBLOC" for locking bolts ● "LOCTITE SCALBLOC" for bonding bearings ● "LOCTITE AUTOFORM" for bonding flywheel to crankshaft ● "LOCTITE 275" for bonding steering arms 	<ul style="list-style-type: none"> 24 cc bottle 24 cc bottle 24 cc bottle 50 cc bottle 50 ml bottle 	<ul style="list-style-type: none"> 77 01 394 070 77 01 394 071 77 01 394 072 77 01 400 309 77 01 418 252
CLEANERS AND LUBRICANTS		
<ul style="list-style-type: none"> ● "SAFCA" lubricant for lock barrels ● "ELECTRONEX"(SEMME) anti-seizing lubricant ● "AGIR 40" anti-seizing lubricant ● RAVITOL PLUS 	<ul style="list-style-type: none"> 20 g aerosol 250 g aerosol 140 ml aerosol 2 l 10 l 30 l 60 l 	<ul style="list-style-type: none"> 77 01 400 097 77 01 403 517 77 01 421 140 77 01 417 424 77 01 417 425 77 01 417 426 77 01 417 427

A list of products recommended for use during mechanical repair operations.

DESCRIPTION	PACK SIZE	PART No.
CLEANERS AND LUBRICANTS		
<ul style="list-style-type: none"> ● Carburettor cleaner ● Injector cleaner ● Super concentrated anti-seizing product ● DECAPLOC 88 (FRAMET) for cleaning aluminium cylinder head gasket faces 	<ul style="list-style-type: none"> 250 ml drum 300 ml aerosol 500 ml drum 420 ml aerosol 2 litre drum 	<ul style="list-style-type: none"> 77 01 393 112 77 01 393 111 77 01 421 205 77 01 393 109 77 01 396 228
VARNISH		
<ul style="list-style-type: none"> ● CIRCUIT PLUS for repairing heated screens 	<ul style="list-style-type: none"> 2 g flask 	<ul style="list-style-type: none"> 77 01 421 135
TYRES		
<ul style="list-style-type: none"> ● "TIP TOP" products for repairing tubeless tyres 	<ul style="list-style-type: none"> Combi A kit 	<ul style="list-style-type: none"> 77 01 417 243
BRAKES		
<ul style="list-style-type: none"> ● Brake fluid 	<ul style="list-style-type: none"> 0.5 litre bottle 	<ul style="list-style-type: none"> 77 01 394 499 77 01 395 435
TURBOCHARGER		
<ul style="list-style-type: none"> ● High temperature paint for marking after repairs 		<ul style="list-style-type: none"> 77 01 407 679

ESSENTIAL SPECIAL TOOLING

Mot. 445 Oil filter spanner
Engine oil change spanner

DRAINING: via plug (1).

First oil change:

Oil change frequency:

Draining by suction:

Oil filter replacement:

between 500 and 2000 miles
(1000 and 3000 km)

Petrol: every 6000 miles (10 000 km)

Diesel: every 5000 miles (7 500 km)

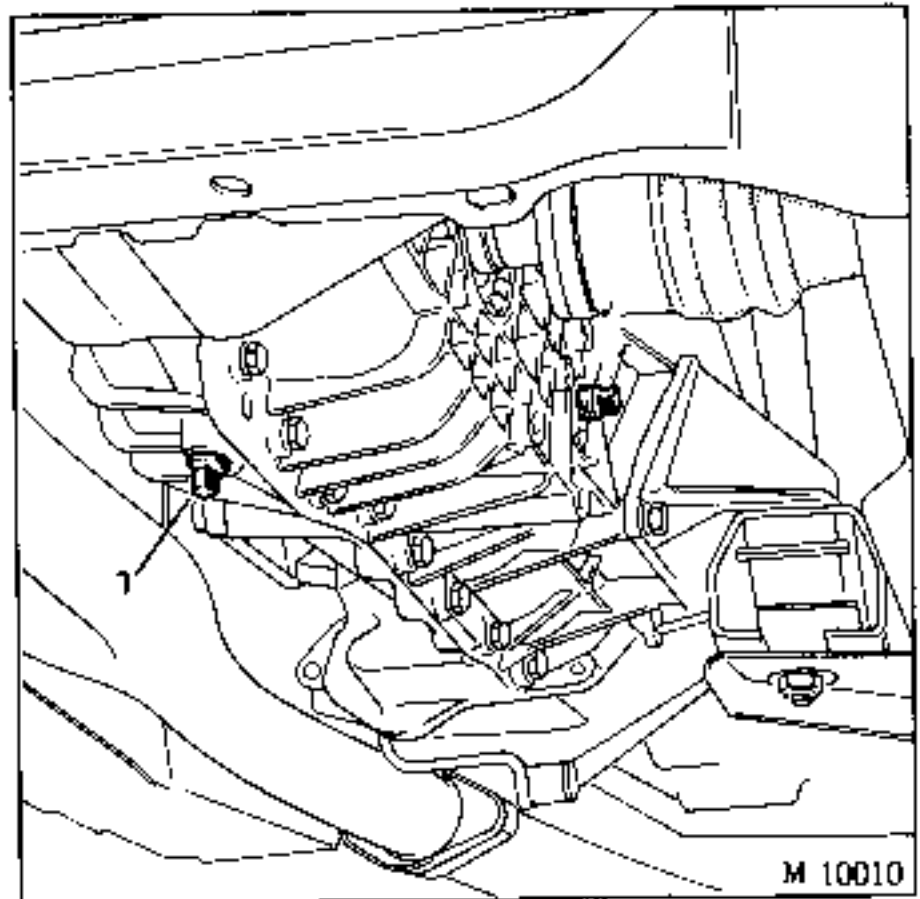
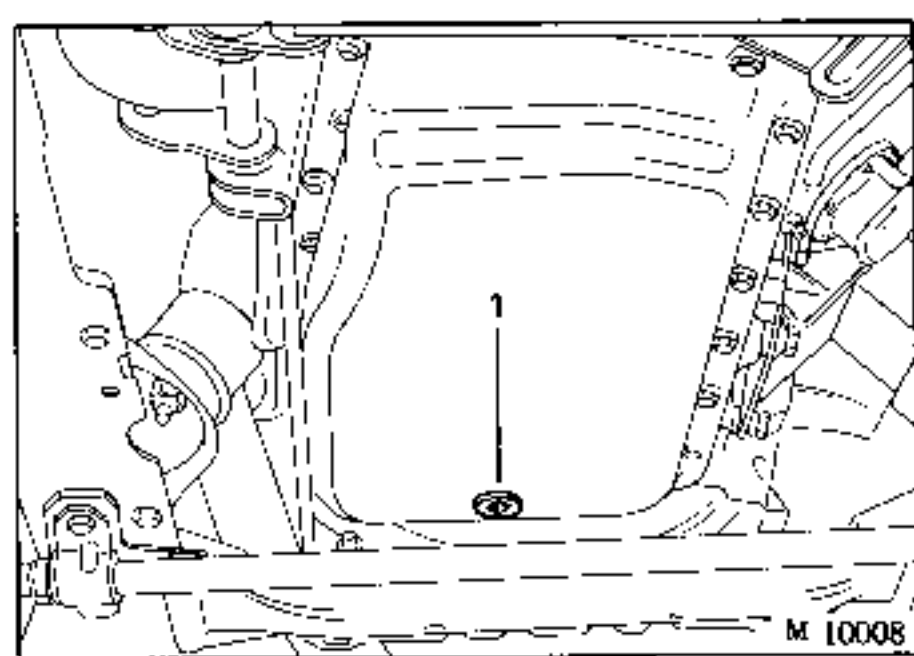
yes (see repair manual)

Petrol: every 12 000 miles (20 000 km)

Diesel: every 10 000 miles (15 000 km)

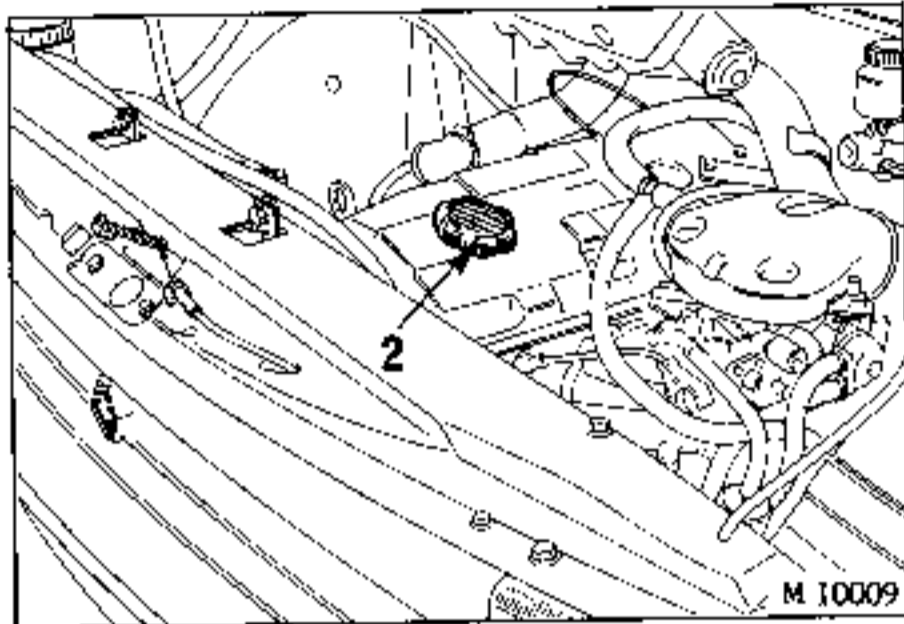
J8S engine

J6R - J7R - J7T engines

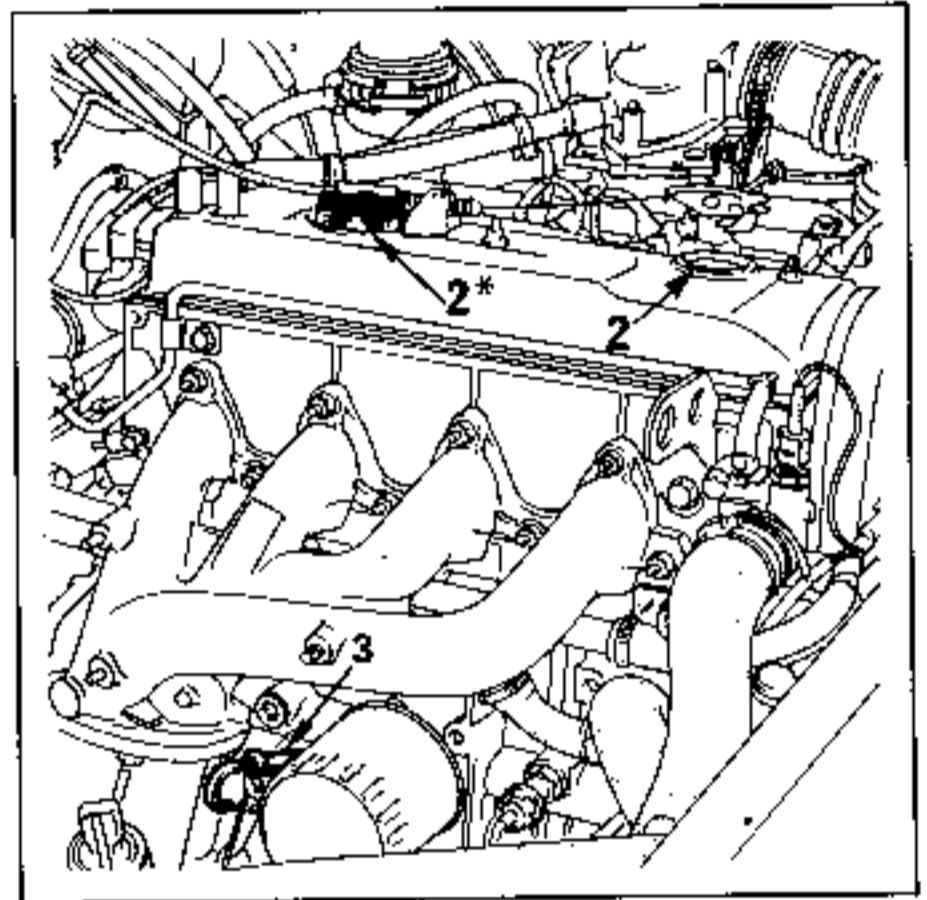


REFILLING: via plug 2.

J8S engine



J7R - J7T
J6R engine*

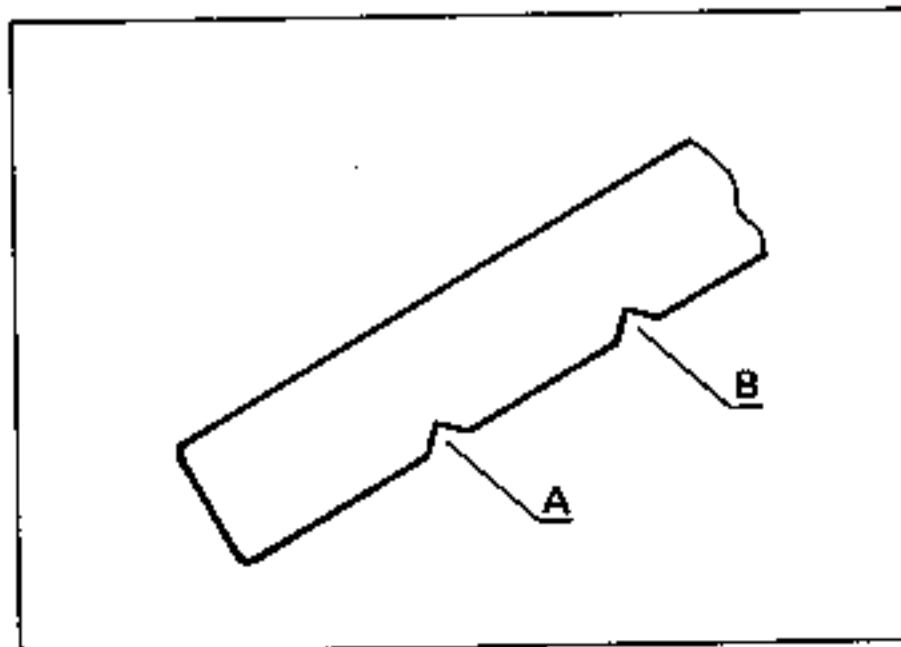


DIPSTICK 3

A - Minimum level

B - Maximum level

The difference between the minimum and maximum levels corresponds to approximately 2 litres.



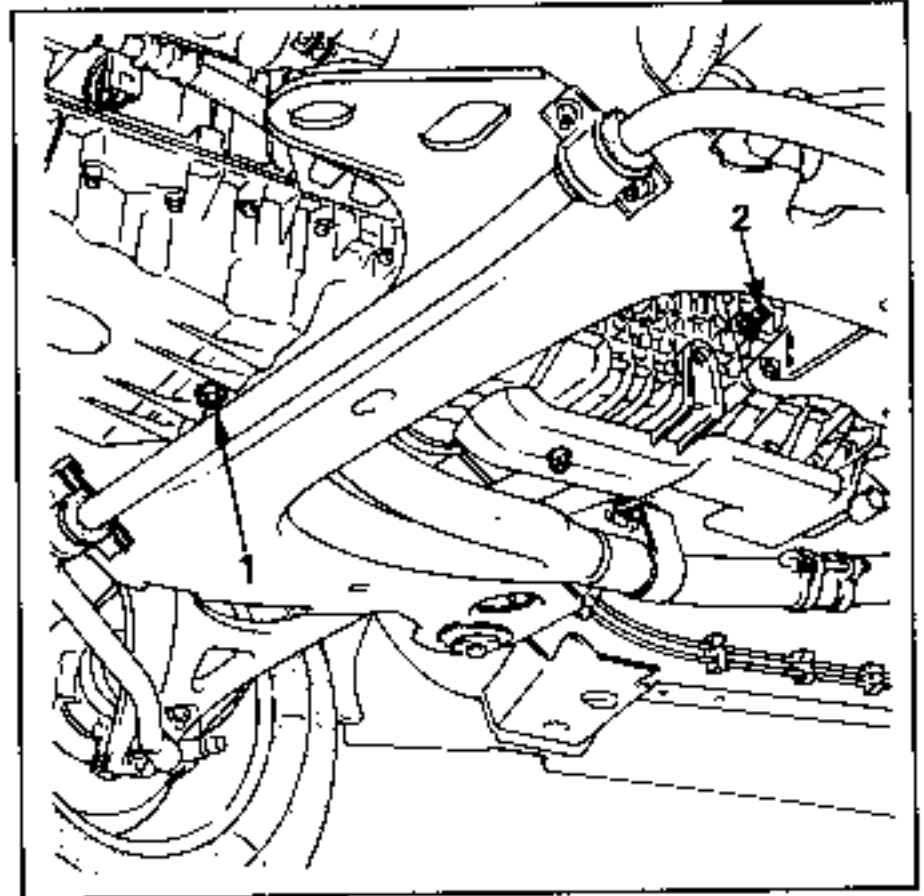
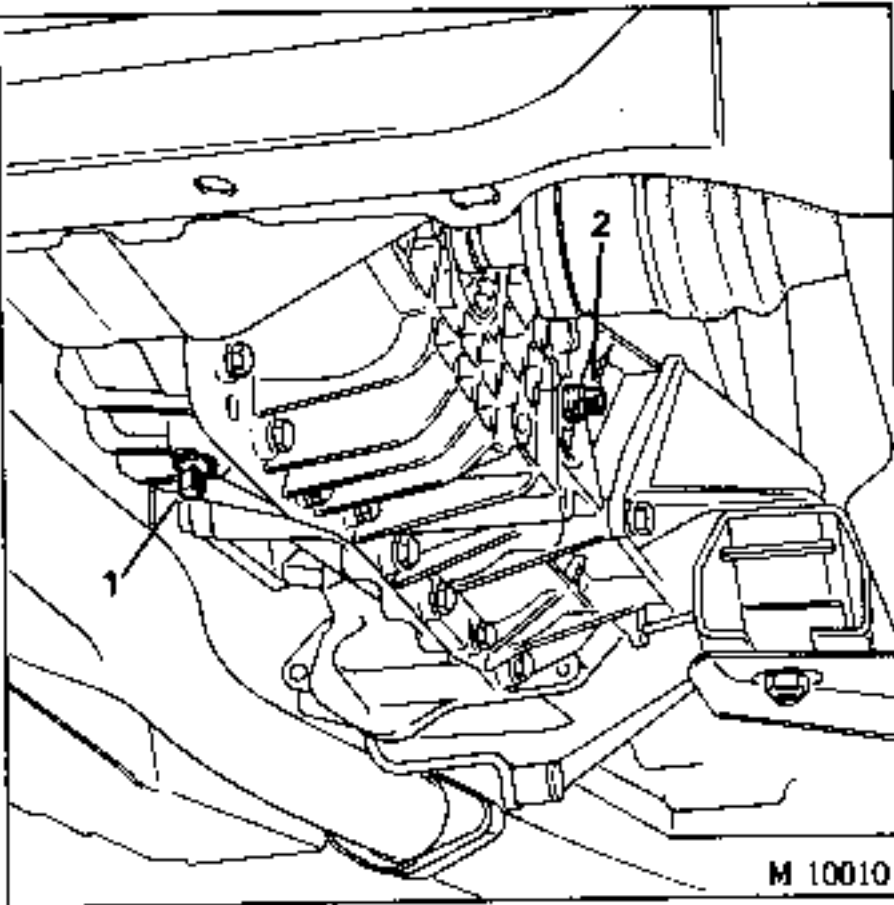
ESSENTIAL SPECIAL TOOLING

Gearbox oil change spanner

The first oil change is performed between 500 and 2000 miles (1000 and 3000 km) and then every 30 000 miles (50 000 km) (petrol) and 40 000 miles (60 000 km) (Diesel).

DRAINING: via plug 1.

Note: On some versions, the protection plate 3 must be removed to gain access to drain plug 1.



REFILLING: via plug 2.

Fill the gearbox with oil until it is level with the lower section of the thread.

Checking the oil level

Check the level in the pump oil reservoir every 6 000 miles (10 000 km).

The level is correct when oil is visible above the grille.

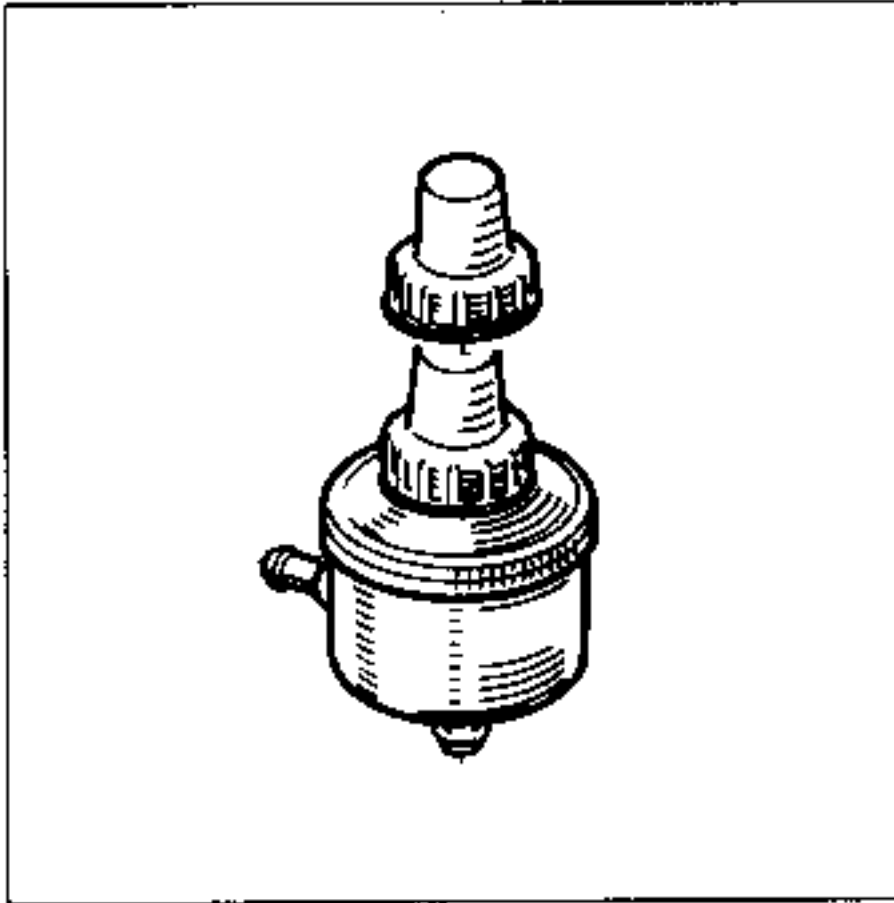






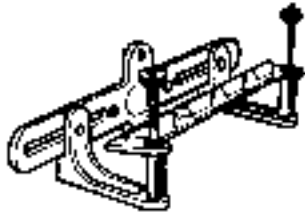
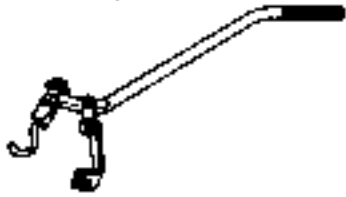


Illustration	Methods ref.	Part no.	Designation
 <p data-bbox="364 646 445 674">68603</p>	Mot.11	00 01 072 500	Crankshaft spigot bush extractor
 <p data-bbox="344 940 445 968">68641.1</p>	Mot.213-01	00 00 021 301	Fuel pump pressure checking gauge (range 0 to 5 bars)
 <p data-bbox="364 1248 445 1276">83812</p>	Mot.251-01	00 00 025 101	Clock gauge support To be used in Mot.252-01
 <p data-bbox="364 1545 445 1573">83812</p>	Mot.252-01	00 00 025 201	Thrust plate for checking liner protrusion used with Mot.251-01
 <p data-bbox="364 1842 445 1870">68668</p>	Mot.330-01	00 00 033 001	Cylinder head support
 <p data-bbox="364 2136 445 2164">68677</p>	Mot.382	00 00 038 200	Single valve spring compressor Use with Mot. 320 and Mot. 331
 <p data-bbox="364 2430 445 2458">89716</p>	Mot.445	00 00 044 500	Tool for removing oil filter
 <p data-bbox="364 2732 445 2760">71261</p>	Mot.445-01	00 00 044 501	Spare strap for Mot.445


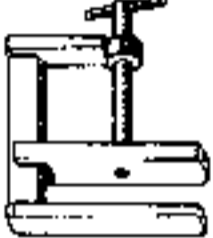
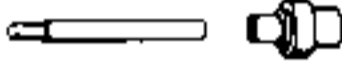

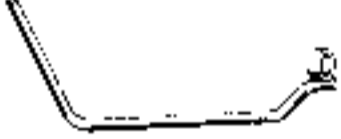



Illustration	Methoda ref.	Part no.	Description
 <p>69719</p>	Mot.452	00 00 045 200	Oil pressure gauge wrench (22 mm across flats)
 <p>85654</p>	Mot.453-01	00 00 045 301	Set of 2 hose clamps
 <p>70825</p>	Mot.468	00 00 048 800	Tooling for fitting distributor stop collar (use in Mot.04-01)
 <p>71258</p>	Mot.475	00 00 047 500	Offset ratchet for tightening cylinder head bolts
 <p>73106</p>	Mot.503	00 00 060 300	Wrench for carburettor base flange units (12 mm across flats)
 <p>76641-1</p>	Mot.574-13	00 00 057 413	Gudgeon pin inserting guide and thrust ring for pistons without skirts In kit form
 <p>77121</p>	Mot.582	00 00 058 200	Flywheel locking tool
 <p>77689</p>	Mot.587	00 00 068 700	Oil seal extractor









Illustration	Methods ref.	Part no.	Description
 <p>77666</p>	Mot.588	00 00 058 800	Liner clamps
 <p>78818</p>	Mot.597	00 00 069 700	Hook assembly for lifting engine and gearbox assembly
 <p>7774A</p>	Mot.647	00 00 064 700	Rocker arm clearance adjusting wrench
 <p>78785</p>	Mot.720	00 00 072 000	Cylinder head locating tool (only for type 840 engine)
 <p>68658</p>	Mot.788	00 00 078 800	Crankshaft oil seal inserting mandrel (flywheel end)
 <p>80415</p>	Mot.789	00 00 078 900	Crankshaft oil seal inserting mandrel (timing cover end)
 <p>80357</p>	Mot.790	00 00 079 000	Oil seal inserting and intermediate shaft bearing locating tool
 <p>80259</p>	Mot.791	00 00 079 100	Extracting and inserting tool for camshaft oil seal (timing gear end)


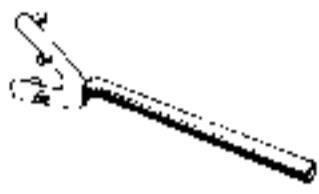
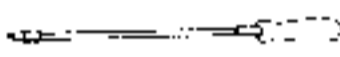

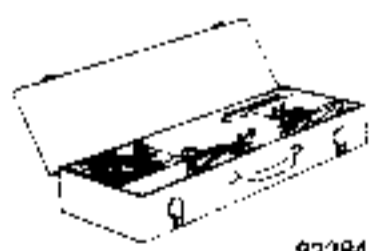
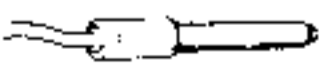
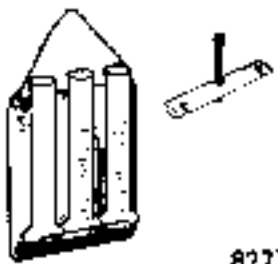
Illustration	Methods ref.	Part no.	Description
 82919	Mot.792-01	00 00 079 201	Engine support plate for Desvil stand
 80359	Mot.799	00 00 079 900	Sprocket holding tool for toothed belt timing gear
 75723-1	Mot.828-01	00 00 082 801	Flexible shank screwdriver for carburettor with tamperproof screw
 82258	Mot.836-05	00 00 083 605	Boxed oil pressure testing kit
Mot.836-06	00 00 083 606	Set of adaptors to be used with Mot.836.05	
 82284	Mot.843	00 00 084 300	Boxed repair and checking tooling for K-Jetronic electronic injection
 82281-2	Mot.844-01	00 00 084 401	Adaptor for bleeding off exhaust gas for CO-CO ² checking analyser
 82774 +	Mot.845	00 00 084 500	Set of 2 x 3 graduated beakers for checking injector deliveries K-Jetronic injection.





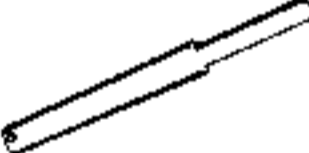



Illustration	Methods ref.	Part no.	Description
 <p>83393</p>	Mot.853	00 00 085 300	Liner base seal compressing tool
 <p>83254</p>	Mot.854	00 00 085 400	Camshaft and injection pump sprockets locking plate
 <p>83289</p>	Mot.855	00 00 085 500	Toothed belt idler sprocket locking strap
 <p>83375</p>	Mot.856	00 00 085 600	Clock gauge support for timing Bosch injection pump
 <p>83394</p>	Mot.861	00 00 086 100	T.D.C. rod
 <p>83857</p>	Mot.867	00 00 086 700	Diesel fuel circuit pressure testing kit
 <p>83867</p>	Mot.869	00 00 086 900	Injector holder socket (use with Ele.721)
 <p>83661</p>	Mot.871	00 00 087 100	Adaptor for diesel engine compression testing


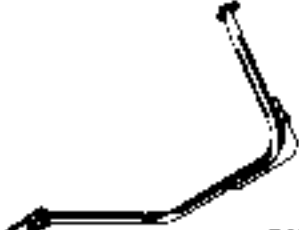
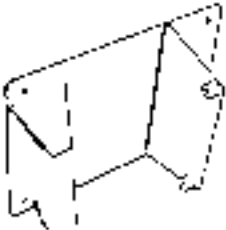

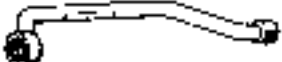



Illustration	Methods ref.	Part no.	Description
 <p>84122</p>	Mot.877	00 00 087 700	ROTO-DIESEL injection pump timing tooling
 <p>84898</p>	Mot.878	00 00 087 800	Engine lifting bar (Trafic - Master vehicles)
 <p>84915</p>	Mot.887	00 00 088 700	Engine stand (Master vehicles)
 <p>84868</p>	Mot.904	00 00 090 400	Fuel pressure testing by-pass hose (Renault 18 Turbo vehicles)
 <p>84747</p>	Mot.909-01	00 00 090 901	Injection pump mounting nut wrench
 <p>86422</p>	Mot.930	00 00 093 000	ROTO-DIESEL injection centre tool set
 <p>88024</p>	Mot.1014	00 00 101 400	Turbo pressure setting and checking device and engine leakage detector set
 <p>90185</p>	Mot.1040-01	00 00 104 001	Dummy cradle for removing/ refitting engine-gearbox assembly







Illustration	Methods ref.	Part no.	Description
 <p>90097</p>	Mot.1053	00 00 105 300	Injector pump pinion extractor
 <p>90277</p>	Mot.1054	00 00 106 400	T.D.C. gauge
 <p>90680</p>	Mot.1083	00 00 106 300	Sump bolt removing/refitting articulated wrench
	Mot.1079	00 00 107 900	Apparatus for timing ROTO-DIESEL pump with access via cover
	Mot.1079-01	00 00 107 901	Apparatus for timing ROTO-DIESEL pumps; used with clock gauge with 30 mm stroke. Mot.1079-02
 <p>91 285</p>	Mot.1079-02	00 00 107 902	Clock gauge for Mot.1079-01 for timing ROTO-DIESEL DPC injection pumps

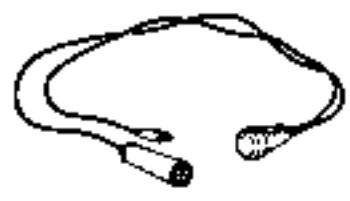

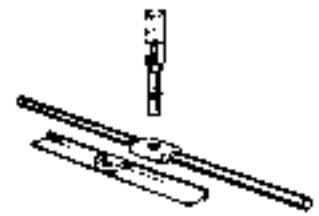



Illustration	Methods ref.	Part no.	Description
 <p data-bbox="367 645 449 685">68982</p>	Ele.15	00 01 323 300	Test bulb assembly
 <p data-bbox="378 940 459 981">68973</p>	Ele.22-01	00 01 331 001	End fitting for extracting alternator bearing
 <p data-bbox="327 1236 459 1276">87217-1+</p>	Ele.346-04	00 00 034 804	Tool for checking belt tensioning Assembly Ele.346-02 + Ele.346-03
 <p data-bbox="378 1532 470 1572">75742</p>	Ele.556	00 00 055 800	Angle wrench for distributor fixing nut
	Ele.1044	00 00 104 400	PACKARD connector clips removing tool
	Ele.1068	00 00 106 800	Connector repair kit
	Ele.1069	00 00 106 900	12 and 24 volt battery tester

Illustration	Methods ref.	Part no.	Description
 <p>77916</p>	Emb.786-01	00 00 078 801	Mandrel for locating clutch disc 17 and 21 mm dia. (R 12 G - R 15 TS - R 17)
 <p>84328</p>	Emb.880	00 00 088 000	Clutch fork pin extractor

Gearbox

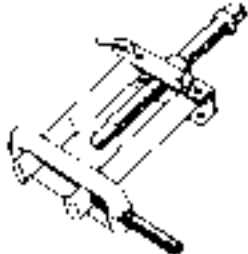




 <p>71825</p>	Bvi.28-01	00 01 227 301	Extractor with interchangeable jaws
 <p>71806</p>	Bvi.28-02	00 01 244 000	Set of 2 jaws 196 mm long Addition to B.VI.28-01
 <p>71806</p>	Bvi.28-03	00 01 244 001	Set of 2 jaws 146 mm long Addition to B.VI.28-01
 <p>69001</p>	Bvi.39	00 01 322 500	Drift for 4 and 10 mm dia. rollpins
 <p>69005</p>	Bvi.41	00 01 324 800	Shell with 23.5 mm opening for bearing extractor B.VI.22-01





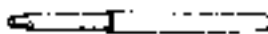
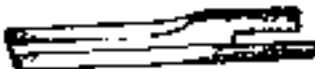

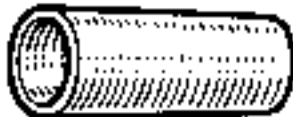

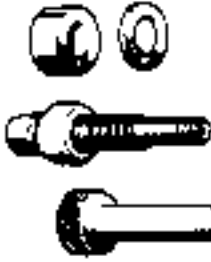

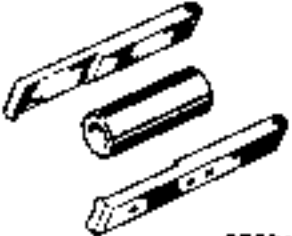
Illustration	Methods ref.	Part no.	Description
 <p>69005</p>	Bvi.47	00 01 331 100	Shell with 28 mm opening for bearing extractor B.VI.22-01
 <p>69008</p>	Bvi.48	00 01 330 300	Set of 2 jaws with big tips for use with B.VI.28-01
 <p>68994</p>	Bvi.022-01	00 01 216 401	Extractor without shell
 <p>72945-1</p>	Bw.204-01	00 00 020 401	32 mm wrench for secondary shaft nut
 <p>69015</p>	Bvi.344	00 00 034 400	Drift for 6 mm dia. rollpins
 <p>79405</p>	Bvi.747	00 00 074 700	Selector spring dismantling and reassembling fork
 <p>87188</p>	Bvi.807-01	00 00 080 701	Differential ring nut wrench (new type of sealing)
 <p>81788</p>	Bvi.813	00 00 081 300	Differential ring nut oil seal protector (When passing over splines)

Illustration	Methods ref.	Part no.	Description
 <p>84912</p>	Bvi.883	00 00 088 300	Differential collar press tool (gearbox type NG)
 <p>84817</p>	Bvi.906-02	00 00 090 502	Boxed tooling for changing speedo drive spindle oil seal
 <p>87218</p>	Bvi.1003	00 00 100 300	Tool for extracting 5th speed hub on the primary shaft
 <p>87571 +</p>	Bvi.1007	00 00 100 700	Set of 2 jaws for extracting gears (used with B.VI.28-01)

Front axle

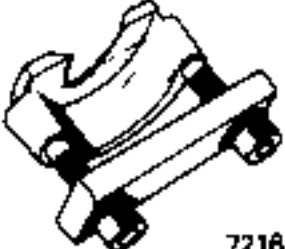
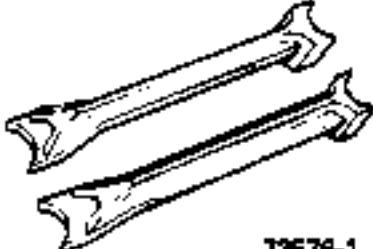



 <p>72161</p>	Tav.476	00 00 047 600	Ball joint extractor
 <p>73576-1</p>	Tav.609-01	00 00 060 901	Set of 2 spacer legs for holding front axle compressed (except on Renault 20 TS)
 <p>69128-1</p>	Tav.537-02	00 00 053 702	Expander for fitting gaiter on GE86 coupling

Illustration	Methods ref.	Part no.	Description
 <p>88639</p>	Tav.1034	00 00 103 400	Driveshaft gaiter clip tightening clamp (GE76 - GE86 - Lobro RF 95 type driveshafts)
 <p>89214</p>	Tav.1050	00 00 105 000	Four and five-hole driveshaft holding tool (for R18-Fuego-R20-R30 with negative offset front axle only)

STEERING SYSTEM


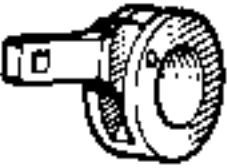




 <p>77840</p>	Dir.803	00 00 080 300	Union with metric thread for measuring PAS pump oil pressure (Renault 17)
 <p>81838</p>	Dir.812-01	00 00 081 201	Wrench for axial ball joint 36 and 37 mm dia.
Dir.832-01	00 00 083 201	Wrench for axial ball joint 41 mm dia.	
 <p>88078</p>	Dir.1083	00 00 108 300	Tool for removing and refitting the pulley on PAS pump Replaces tool Dir 1017

Illustration	Methods ref.	Part no.	Description
 <p data-bbox="363 633 461 661">69306-1</p>	Rou.015-01	00 01 331 601	Protective end cup with 16 mm dia. bore for shaft
 <p data-bbox="390 941 466 968">74923</p>	Rou.541	00 00 054 100	Clock gauge support for measuring hub clearance
 <p data-bbox="384 1223 461 1251">77672</p>	Rou.604-01	00 00 060 401	Hub locking tool

Suspension





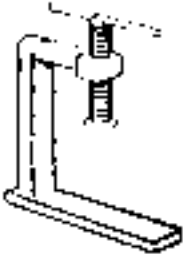



 <p data-bbox="359 1805 457 1832">72108-1</p>	Sus.594	00 00 059 400	Spring compressor
 <p data-bbox="390 2101 466 2129">81412</p>	Sus.594-02	00 00 059 402	Spring thrust cup and locator on tool Sus. 594
 <p data-bbox="390 2403 466 2431">81418</p>	Sus.863	00 00 086 300	Spring compressor and shock absorber removing and refitting tool. Vehicles with negative offset and R18 for unmade roads + USA
10127	Sus.1039	00 00 103 900	Front suspension spring compression tool

Illustration	Methods ref.	Part no.	Description
 <p>82072</p>	Fre.573-01	00 00 057 301	Handbrake cable pliers
 <p>82071</p>	Fre.823	00 00 082 300	Calliper piston inserting tool for vehicles with disc brakes
 <p>81813</p>	Fre.826	00 00 082 600	Brake shoe retaining spring removing-refitting tool for rear Bendix brakes
 <p>73 105 B</p>	Fre.1085-01	00 00 108 501	Braking system pressure checking gauge (0 to 250 bars) for Fre 1085
 <p>73 105 B</p>	Fre.1085-03	00 00 108 503	Exchange hoses and unions for Fre 1085

Special equipment

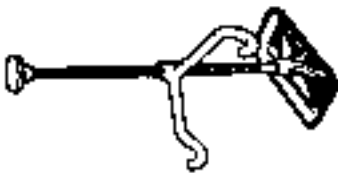

 <p>75124</p>	Ms .504-01	00 00 060 401	Steering wheel locking tool
 <p>82900</p>	Ms .511-01	00 00 051 101	Remote control starter switch

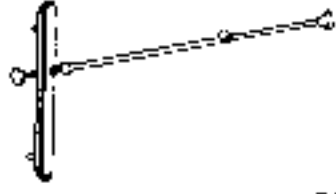

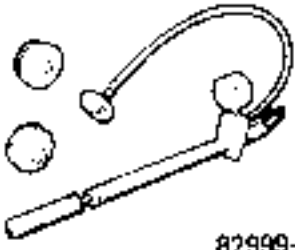


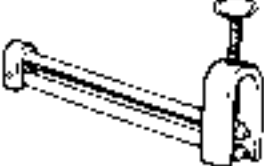

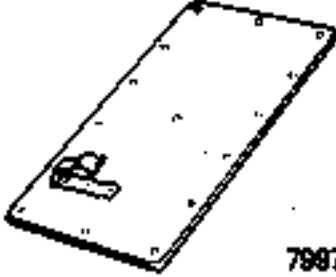
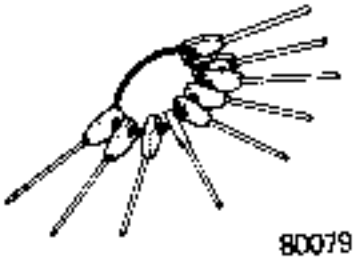



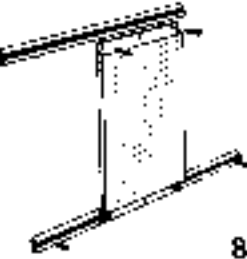




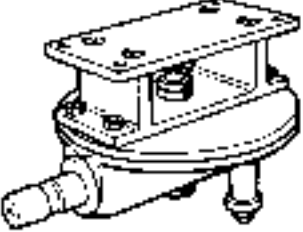
Illustration	Methods ref.	Part no.	Description
 <p>74663</p>	Ms .533	00 00 053 300	Hand throttle
 <p>82999-1</p>	Ms .554-01	00 00 055 401	Test cap for expansion bottle
 <p>82999-1</p>	Ms .554-03	00 00 055 403	Apparatus for checking coolant circuit and expansion bottle valve
 <p>82999-1</p>	Ms .554-04	00 00 055 404	Test cap for expansion bottle valve (Addition to Ms. 554-03)
 <p>77070</p>	Ms .580	00 00 058 000	Impact wrench
 <p>77125</p>	Ms .583	00 00 058 300	Hose clamp
 <p>78707</p>	Ms .760	00 00 076 000	Ignition circuit test and tuning instrument
 <p>79970</p>	Ms .782	00 00 078 200	Insulating sheet 40 x 20 cm

Illustration	Methods ref.	Part no.	Description
 <p>80079</p>	Ms .787	00 00 078 700	Set of gauge rods for carburettor adjustment
 <p>81854</p>	Ms .815	00 00 081 500	Clutch and brake bleeding apparatus
 <p>82502</p>	Ms .815-01	00 00 081 501	Spare pipettes for bleeding apparatus Ms. 815 (sold in lots of 6)
 <p>81782</p>	Ms .821	00 00 082 100	Deduster
 <p>82310</p>	Ms .841	00 00 084 100	Set of 2 tool panel rails
 <p>84901</p>	Ms .847	00 00 084 700	Tubeless tyre valve inserting tool*
 <p>84253</p>	Ms .860-01	00 00 088 001	Strobe light for Ms. 760 (except for diesel engines)
 <p>87289</p>	Ms .1005	00 00 100 500	Set of 2 "audio" box extractors

* Until stocks run out

Illustration	Methods ref.	Part no.	Description
 <p>87268</p>	Ms .1006	00 00 100 600	Service connector for radio set
 <p>87996</p>	Ms .1008	00 00 100 800	Movable head for DESVIL stand (use with Mot. 792-01)