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BILLING TIMES MANUAL

MECHANICAL - BODYWORK

COMMERCIAL VEHICLES

INTRODUCTION

This document is intended for the Renault Trucks network and may also be available to customers for consultation purposes.

It contains the BILLING TIMES for the principal maintenance and repair operations on vehicles belonging to the Renault Trucks range.

This times schedule is based on working methods carried out by specialists who are fully acquainted with Renault Trucks products using the techniques and tools described in our workshop manuals.

This work has been carried out on vehicles supplied as standard by our works with bodies fitted according to the instructions in the Guide for Fitting Bodywork.

➤ DEFINITION OF BILLING TIMES

(In hours and tenths of an hour)

These times are given for work as per the operation wordings, **on normally maintained vehicles in a good state of cleanliness.**

The following are included in these times:

- Time for cleaning removed parts.
- Time for inspecting removed parts.
- Time for procuring parts from the stores counter.
- Time for cleaning new parts.
- Time for cleaning tools and working area.

Taking charge of vehicles

- Taking charge of a vehicle includes opening and closing of a repair order, driving the vehicle to the work station and making it available to the customer.
- An all-in time of 0.4 hour will be applied per repair order.
- Encoding of taking charge time 10107: HANDLING CHARGE 0.4 hour.

➤ TESTS

Some operations require a road test. Such work is identified by the sign ☒ or ☐. In this case, the test is subject to an extra charge. As a rule, only one road test is to be counted per repair order. In case of several tasks with different signs, take the longest test. In exceptional circumstances, some tasks require 2 tests (a first test for diagnostics purposes and a second one to validate the repair). That is why the test times are not incorporated in the repair times.

Test encoding

☒ 10105 SIMPLE ROAD TEST

☐ 10106 EXTENDED ROAD TEST

NB: These operations are to be found in standard **112**.

➤ OVERSTEPPING THE REPAIR TIMES

If a repair time cannot be kept to for any reason, such as seizing or fracture of a part, special bodywork assembly etc., the workshop supervisor must determine whether the cause falls upon the customer, who must then be notified. In all cases, the workshop supervisor must indicate on the repair order the reason for overstepping the times defined by code N° 00999.

The extra time taken must be indicated by the workshop supervisor.

Example of billing for an operation that oversteps the time. Removal, fitting of cylinder heads, replacement of cylinder head gaskets.

10107	HANDLING CHARGE	0.4 hr
213CN	C/OP. R/R CYL. HEAD	13.0 hr
10106	ROAD TEST	1.0 hr
00999	EXTRACT 1 BROKEN STUD FROM CYL. HEAD	1.0 hr
TOTAL		15.4 hr

Some operations may be subject to the billing of actual time spent. These are identified by XXX on the invoice. An estimated time may however be given by the workshop supervisor prior to commencing the work.

OPERATION CONCERNING WARRANTY CLAIMS - 2 code numbers can be used.

00997 When the Times Manual is not issued for the type of equipment involved.

00998 When the operation code number does not appear in the existing Times Manual.

➤ MAKE-UP OF THE MANUAL

The present manual deals with « mechanical » operations (including « diagnostic » and « bodywork » operations) intended for commercial vehicles.

It consists of an Introduction and numbered sections, covering vehicles according to family.

A typical exploded view of a vehicle appears in the Introduction and simplifies the search for the text illustration symbolizing the 3-position standard item.

Each operation is encoded by a 5-position alphanumeric code number; e.g. 213CN, 10107, etc...

➤ ENCODING OF OPERATIONS

The encoding of operations is divided into 8 chapters (1-position standard item breakdown), namely:

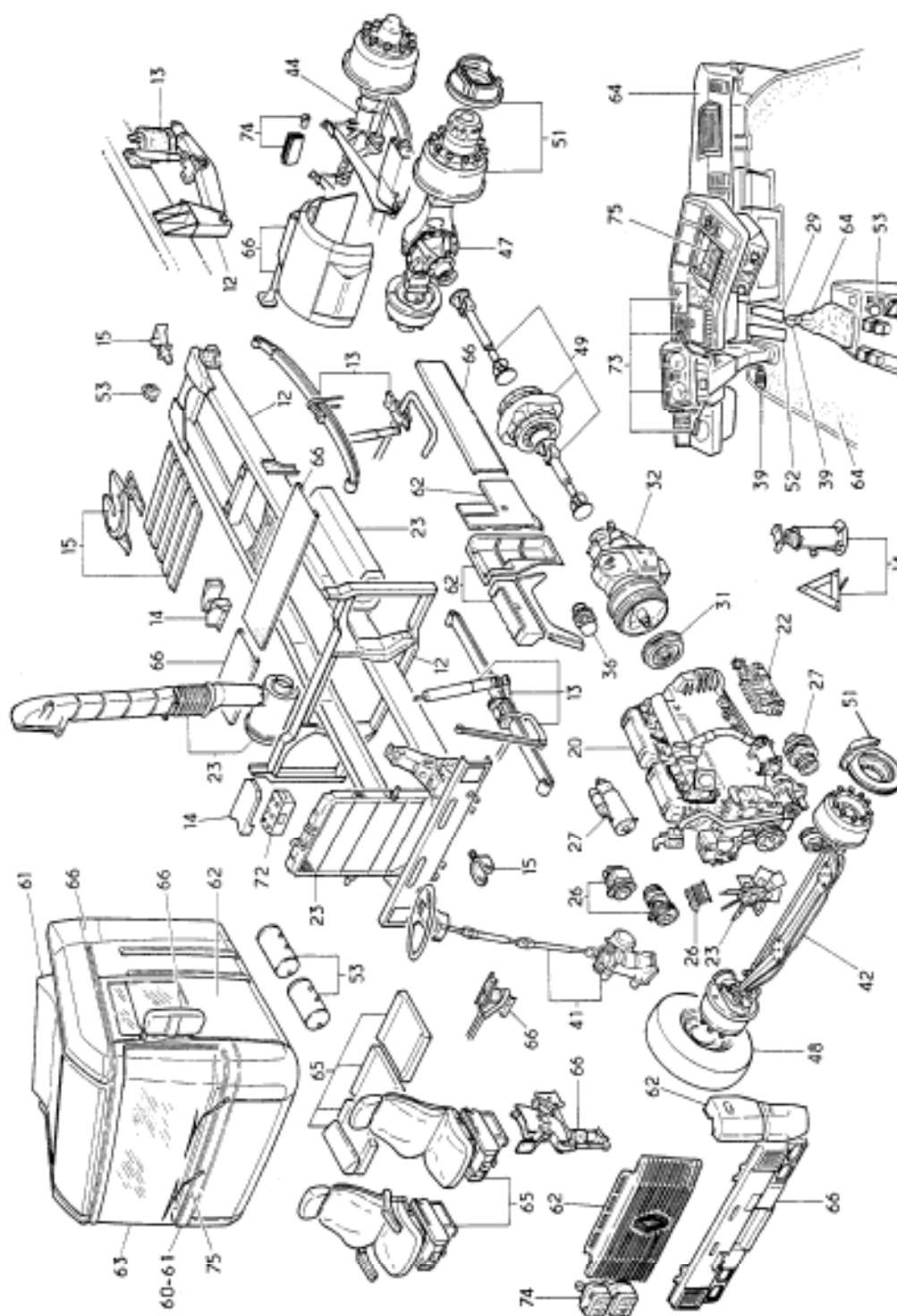
- 1/ Chassis – Suspension – Towing – Lockers.
- 2/ Engine and surrounds – Engine cooling – Fluids circulation – Exhaust.
- 3/ Gearbox – Clutch – Transfer box – Power take-off.
- 4/ Axle – Drive axle – Steering – Prop shafts – Roadwheels.
- 5/ Brakes and Auxiliary equipment.
- 6/ Cab – Bodywork.
- 7/ Electrics.
- 8/ Special equipment.

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VEHICLE EXPLODED VIEW (2-position standard item breakdown)



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ALPHABETICAL INDEX

(3-position standard item breakdown)

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REQUEST FOR REVISION OF BILLING TIMES

- By post:

DATE: _____

To use this document:

- Make a photocopy.
- Fill it in correctly.
- Send it to:

REGIONAL COMMERCIAL MANAGEMENT
To be sent to:
RENAULT TRUCKS
DIRECTION CUSTOMER SERVICE
DSTA – TER B50 2 06
69006 ST PRIEST Cedex - FRANCE

Applicant:

Name _____

Address _____

Vehicle concerned

Vehicle SUB-RANGE code N°

Operation encoding

Unit type

Main wording

Section N° 1

REASON FOR REQUESTING A REVISION OF THE TIME (tick the relevant box)

Insufficient time ☐

Time too long ☐

Billing time proposed ☐

SEQUENCE OF OPERATIONS (Indicate here the operational phases actually carried out)

EQUIPMENT AND TOOLS (State here tools effectively used, recommended in workshop manual or not)

OPERATION TIME (Indicate here the time actually spent on the operation: real working time and not billing time, for each operational phase)

OBSERVATIONS: State any difficulties encountered or any suggestions (tools, operating procedure, or other) capable of making the operation easier.

- By electronic mail:

You can also send us your remarks by using the electronic mail system integrated in the OPTIDOC\Technical Documents search screen.

To gain access to this electronic mail system:

- Connect up to Dealernet.
- Click on "Applications".
- Click on "Technical Documents".
- Click on the "envelope" item (at top right of page).

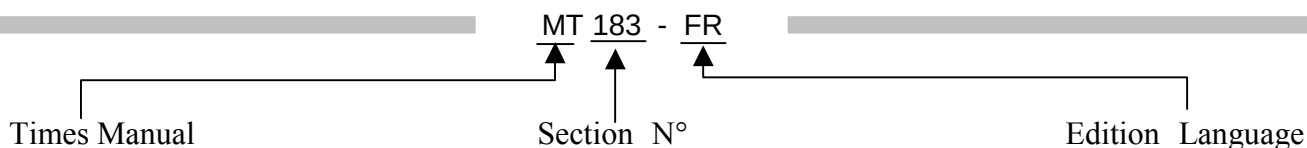
For further information on this electronic mail system, you can consult TECHNICAL NOTE N° 10326/1.

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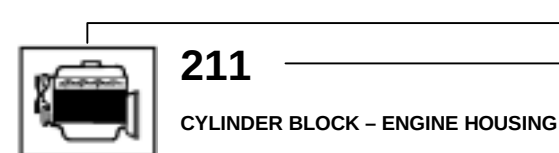
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HOW TO USE THE DOCUMENTS



SUB-RANGE CODE NUMBERS	
051	F90 - 35
052	F110 - 35-50-55-60
053	F125 - 35-50-55-65
054	MASCOTT PHASE II
822	MASCOTT



2115L ■ C/OP. REPL. ETANCH. AV. ENG. +A/C

2.2 — Billing time.

→ Vehicles SUB-RANGE code numbers: serve to specify the type of vehicle on which the work is to be carried out (must be shown in the repair order).

→ Stylized text illustrations: serve to identify the major unit concerned.

→ 3-position standard item breakdown to which the operation is assigned.

→ Short wording title: serves to define the work to be carried out (must be shown in the repair order).

→ Operation type:
C/OP = combined operation: features the sequence of operations essential for completing the repair.
If « C/OP » is not at the beginning off the wording, it involves an elementary operation.

→ Tests:
■ = short test, code 10105
□ = long test, code 10106
(forms the subject of an extra test).
If none of the symbols are shown, there is no testing to be carried out.

→ Operation code (must be shown in the repair order).

2165C REMOVE / REFIT 1 ACCESSORIES DRIVE BELT WITH OR WITHOUT AIR CONDITIONING
2165E REPLACE AIR CONDITIONING COMPRESSOR DRIVE BELT
2165F REPLACE ALTERNATOR DRIVE BELT
21221 REMOVE / REFIT CRANKSHAFT FRONT PULLEY OR DAMPER
2115S REPLACE ENGINE FRONT SEAL, TIMING END
23901 CHECK ENGINE OIL LEVEL AND TOP UP

→ Detail of operations (operation code + short wording) making up the combined operation or long wording (for an elementary operation).

COG: ... ZZZZP
CSG: 054

→ WARRANTY OPERATION code

→ SUB-RANGE code(s) for vehicle(s) on which the operation is carried out.

Variants: 25802 GEARBOX PTO

→ VARIANTS of vehicle(s) on which the operation is carried out.

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	PREFACE (Introduction – How to use)	-	02/95	-
M.T.102	B70 B 9035/45/60 B 8035/45/110/120 B 11035/50/55/60 B 12035/50/55/60 B 11035/40 4x4	030 031 032 033 034 035	11/98	50 21 014 765
M.T.105	G 21016/17/18/19 G 26015/16/17/19 G 26019 4x4 G 26024/26 6x2 G 26026 6x4 G 21017 T G 26015/17/19 T G 26019 T 4x4 G 26026 T 6x4	215 217 218 221 345 525 537 538 565	11/98	50 21 014 765
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M.T.132	CLM 280 CLM 340 CLM 280 T CLM 340 T	351 353 541 542	11/98	50 21 014 765
M.T.141	JE M 14012/13 M 16012/13/14/15 M 20010/12/13/14 M 23010 M 23013 T	105 099 104 109 126 434	11/98	50 21 014 765
M.T.142	M 20015/16 M 23012/13/15/16 M 250 PIT EURO 2	106 127 114	11/98	50 21 014 765
M.T.143	AE 380/385-1 9 TI AE 385-18 TIT AE380/385-19TIT AE 380/385 TI 6x2 AE 380-22 T/385-22 nT 6x4 AE 380-24 T/385-24 nT 6x2 AE 380-26 T/385-26 nT 6x4	920 921 921 922 923 924 925	11/98	50 21 014 765
M.T.144	AE 50019 AE 50019 T AE 500 6x2 AE 500 T (LSW) 6x4 AE 50024 T 6x2 AE 50026 T 6x4	930 931 932 933 934 935	11/98	50 21 014 765
M.T.145	S 14006/07/08/09/10 S 16008/09/10 S 18008/09	091 096 129	11/98	50 21 014 765
M.T.146	R 35019 R 35026 6x4 R 35024/26 6x2 R 35019 T R 35026 T 6x4 R 35022 T 6x2	248 263 271 471 511 512	11/98	50 21 014 765
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M.T.148	R 340 TI - 1 9 R 340 TI - 1 9 T R 340 TI - 26 6x2	243 463 473	11/98	50 21 014 765
M.T.149	G 20013/15/16/17/18 G 230 TI - 13/15/16/17/18/19	123 124	11/98	50 21 014 765

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M.T.151	G 28026 6x2/4 G 270-300-26 6x2/4 G 300-33030 8x4 G 30023 T 6x2/4	223 232 372 515	11/98	50 21 014 765
M.T.152	G 340 TI - 17/18/19 G 340 TI - 17/19 T G 340 TI - 19 T 4x4	361 438 443	11/98	50 21 014 765
M.T.153	CLR 230 C 230 TI - 19	296 338	11/98	50 21 014 765
M.T.154	CCH 300 6x4 C 280-30019 C 30019 4x4 C 30026 6x4 C 340 TI - 19 T C 340 TI - 19 T 4x4 C 30019 T	326 327 328 329 427 428 429	11/98	50 21 014 765
M.T.155	CBH 320/350/380/385 6x4 CBH 320/350/380/385 6x6 CBH 320/350/380/385 T 6x4 CBH 320/350/380/385 T 6x6	336 337 545 546	11/98	50 21 014 765
M.T.156	CLM 350 CLM 320/350/380/385 T CLM 380 T 6x4	358 543 544	11/98	50 21 014 765
M.T.157	S 12007/08/135-08 S 12009/135-09	045 046	11/98	50 21 014 765
M.T.158	G 27016/18/19 G 30017/18/19/330-17/19 G 30026 6x4 G 270-26/300/330-26/340 TI-26 6x2 G 30019 4x4 G 27015T/30015/19T G 33017/19 T G 33019 T 4x4	212 212 224 226 231 441 441 442	09/98	50 20 076 274
M.T.159	M 15012/13 M 18012/13/15/16 M 21012/13/15/16 M 15009/11 4x4 M 18011/13/154x4	048 049 049 186 187	11/98	50 21 014 765
M.T.160	G 30026 6x4 LSW MAXTER G 340 TI 26 6x4 LSW MAXTER G 30026 6x4 STO MAXTER G 340 TI 26 6x4 STO MAXTER G 340 TI 34 6x4 HOT MAXTER G 340 TI 34 6x6 HOT MAXTER	940 941 942 943 944 945	09/98	50 20 076 274

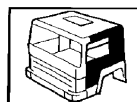
Times Manual	VEHICLE TYPES	CODES Sub-Range	ISSUE	Spare Parts ARTICLE N°
M.T.161	G 340 TI 32 8x4 LSW MAXTER	946	09/98	50 20 076 274
	G 340 TI 32 8x4 STO MAXTER	947		
	G 340 TI 40 8x4 HOT MAXTER	948		
M.T.162	R 420 TI 1 9 T	485	11/98	50 21 014 765
	R 6x4 TS	486		
M.T.163	AE 420 TI 19	950	10/03	50 21 014 741
	AE 420 TI 18/19 T	951		
	AE 420 TI 26/26S 6x2	952		
	AE 420 TI 22 T (LSW) 6x4	953		
	AE 420 TI 24 T 6x2	954		
	AE 420 TI 26 T 6x4	955		
M.T.164	AE 52019	960	10/03	50 21 014 741
	AE 520 19 T	961		
	AE 520 26/26S 6x2	962		
	AE 520 22 T (LSW) 6x4	963		
	AE 520 24 T 6x2	964		
	AE 52026 T 6x4	965		
	AE 560 ECO Tous types	970		
M.T.165	PREMIUM 210/250 P	141	10/03	50 21 014 733
	PREMIUM 220/270 P	527		
M.T.166	PREMIUM 062356 6x2 T	521	11/98	50 21 014 765
	PREMIUM 260/300/340 4x2 P	142		
	PREMIUM 300/340 6x2	233		
	PREMIUM 300/340 6x2/4	518		
	PREMIUM 300/340 4x2 T	531		
M.T.167	PREMIUM 062356 385 4x2 P	143	10/03	50 21 014 733
	PREMIUM 062356 385 6x2 TP	519		
	PREMIUM 062356 385 6x2/4 P	520		
	PREMIUM 385 6x2	375		
	PREMIUM 385 6x2/4	517		
	PREMIUM 385 4x2 T	532		
M.T.168	MAXTER G 235/270/300/340 ti 4x2 P	213	09/98	50 20 076 274
	MAXTER G 300 4x4 T	444		
M.T. 170	KERAX 385/34 6x4 PHOT	574	10/03	50 21 014 733
	KERAX 340/26 6x4 P STO	575		
	KERAX 385/26 6x4 P STO	576		
	KERAX 300/26 6x4 P LSW	577		
	KERAX 385/26 6x4 P LSW	578		
	KERAX 385/34 6x4 THOT	579		
	KERAX 320/370/420 6x4	527		
M.T. 171	KERAX 385/32 8x4 P STD	571	10/03	50 21 014 733
	KERAX 340/32 8x4 P LSW	572		
	KERAX 385/40 8x4 P HDT	573		
	KERAX 370/420 8x4	583		
M.T. 172	AE 390/430/470 6x2	936	10/03	50 21 014 741
	AE 430/470 T 6x2	936		
	AE 390/430/470 4x2	937		
	AE 390/430/470 T 4x2	937		
	AE 430/470 T 6x4	938		
	AE 430/470 T 6x4 LRD	939		

Times Manual	VEHICLE TYPES	CODES Sub-Range	ISSUE	Spare Parts ARTICLE N°
M.T. 174	KERAX 385/19 4x2 T KERAX 260/300/340/19 4x2 P KERAX 260/340/19 4x4 P KERAX 385/19 4x4 T KERAX 270/320/370/420 T/P euro 3	171 214 422 445 581	10/03	50 21 014 733
M.T. 175	S 135/150 08 S 135/150 09	043 044	11/98	50 21 014 765
M.T. 176	KERAX 385/34 6x6 P KERAX 370/420 6x6	551 584	10/03	50 21 014 733
M.T.177	MASTER** 4x2 S8U/S9W F9Q/G9T/G9U ZD 3	036 036 036 037	10/03	50 21 014 749
M.T. 178	GBC 180 6x6	321	03/98	
M.T. 179	MASCOTT 90/35 MASCOTT 110/35/60 MASCOTT 130/35/65 MASCOTT 140/35/65 MASCOTT PHASE 2	051 052 053 053 054	12/04	50 21 022 609
M.T.180	MIDLUM 135/150 MIDLUM 150/180	060 065	10/03	50 21 014 757
M.T.181	MIDLUM 180/210 MIDLUM 210 MIDLUM 250 MIDLUM 250 T Euro 2 MIDLUM 220/270 MIDLUM 270 T Euro 3	061 062 063 064 066 067	10/03	50 21 014 757
M.T. 182	AE 400/440/480 T 4x2 AE 440/480 T 6x2 AE 400/440/480 4x2 AE 400/440/480 6x2 AE 440/480 T 6x4 LRD	966 967 968 969 971	10/03	50 21 014 741
M.T. 183	PREMIUM 062356 DCI 320/370/420 4x2 T 320/370/420 6x2 P 320/370/420 6x2/4P 320/370/420 4x2 P	522 522 523 524 528	10/03	50 21 014 733
M.T.194	17TD TR 4x2 17TD TR 6x2 PUSHER 17SD PR 4x2 17RD PR 6x2 TAG	451 452 453 454	12/04	50 21 022 595

Times Manual	VEHICLE TYPES	CODES Sub-Range	ISSUE	Spare Parts ARTICLE N°
M.T.206	880 881	815 820	06/01	50 20 036 048
M.T.207	H 800	814	06/01	50 20 036 048
M.T.209	Mascott	822	06/01	50 20 036 048
M.T.210	M 800	823	01/00	50 20 036 048

SUB-RANGE CODES

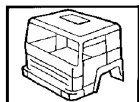
822 MASCOTT



614

SIDE WALL, L H

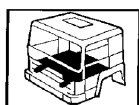
61407	C/OP. PARTIALLY REPL. LH SIDE DOOR	<u>5.4</u>
CSG:	822	
61439	C/OP. PARTIALLY REPL. LH SIDE DOOR	<u>6.2</u>
CSG:	822	
61446	C/OP. REPL. LH SIDE RAIL LINING	<u>7.3</u>
CSG:	822	
61447	C/OP. REPL. 1 PARTIAL VAN LH REAR	<u>5.2</u>
CSG:	822	
61448	C/OP. REPL. LH LIGHTS BRACKET	<u>3.0</u>
CSG:	822	



601

CAB - COMMERCIAL VEHICLE BODY

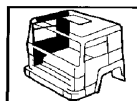
60100	C/OP. R/R CAB, INCL.	<u>8.0</u>
CSG:	822	
60150	C/OP. MOUNT CAB ON STRAIGHTENING	<u>3.0</u>
CSG:	822	



611

CAB SUBSTRUCTURE

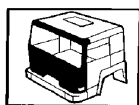
61122	C/OP. REPL. PARTIAL CAB FLOOR	<u>5.7</u>
CSG:	822	
61123	C/OP. REPL. PARTIAL LH OR RH	<u>13.5</u>
CSG:	822	
61124	C/OP. REPL. LH OR RH SUPPORT	<u>0.5</u>
CSG:	822	
61130	C/OP. REPL. 1 PARTIAL LONGITUDINAL	<u>0.5</u>
CSG:	822	
61131	C/OP. REPL. 1 COMPLETE LONGITUDINAL	<u>1.3</u>
CSG:	822	
61132	C/OP. REPL. COMPLETE LH OR RH	<u>2.5</u>
CSG:	822	



615

SIDE WALL, R H

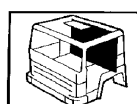
61507	C/OP. PARTIALLY REPL. RH SIDE DOOR	<u>5.4</u>
CSG:	822	
61551	C/OP. PARTIALLY REPL. RH SIDE DOOR	<u>6.2</u>
CSG:	822	
61552	C/OP. REPL. RH SIDE RAIL LINING	<u>7.3</u>
CSG:	822	
61553	C/OP. REPL. 1 PARTIAL VAN RH	<u>5.2</u>
CSG:	822	
61554	C/OP. REPL. RH LIGHTS BRACKET	<u>3.0</u>
CSG:	822	



613

FRONT WALL

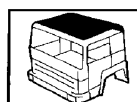
61307	C/OP. REPL. FRONT END PANEL OR	<u>8.9</u>
CSG:	822	
61315	C/OP. PARTIALLY REPL. FRONT END	<u>6.2</u>
CSG:	822	
61368	C/OP. REPL. 1 LH OR RH DASH COWL	<u>3.0</u>
CSG:	822	
61369	C/OP. REPL. LH OR RH WING FLANGE	<u>3.0</u>
CSG:	822	



616

REAR WALL

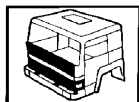
61640	C/OP. REPL. 1 REAR END INCL. R/R	<u>9.1</u>
CSG:	822	
61641	C/OP. REPL. VAN REAR CAPPING	<u>4.0</u>
CSG:	822	
61642	C/OP. REPL. PARTIAL VAN REAR CAPPING	<u>2.5</u>
CSG:	822	



617

ROOF

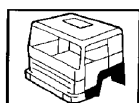
61743	C/OP. REPAIR S.M.C RAISED ROOF ON	<u>2.0</u>
CSG:	822	
61744	C/OP. REPL. S.M.C RAISED ROOF ON	<u>6.0</u>
CSG:	822	



622

RADIATOR SCREEN, ELEMENTS ADDED TO FRONT W

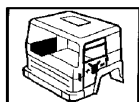
62209	C/OP. R/R CENTRAL GRILLE	<u>0.3</u>
	CSG: 822	
62226	S/OP. REPL. 1 BOTTOM GRILLE GRATING	<u>0.4</u>
	CSG: 822	
62249	C/OP. REPL. BONNET OPENING CABLE	<u>0.4</u>
	CSG: 822	
62250	C/OP. R/R BONNET LOCK	<u>0.3</u>
	CSG: 822	



623

WINGS, STEP, WHEELARCH

62305	S/OP. R/R 1 LH OR RH WING	<u>0.8</u>
	CSG: 822	
62313	C/OP. REPL. LH OR RH WHEELARCH	<u>7.5</u>
	CSG: 822	
62323	C/OP. REPL. 1 LH OR RH SIDE SILL	<u>11.1</u>
	CSG: 822	
62324	C/OP. REPL. LH OR RH SIDE SILL	<u>13.8</u>
	CSG: 822	

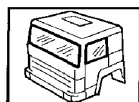


628

COMMERCIAL VEHICLE ACCESS DOORS

62802	C/OP. ADJUST 1 CAB DOOR	<u>0.5</u>
	CSG: 822	
62803	C/OP. R/R & ADJUST 1 DOOR.	<u>1.7</u>
	CSG: 822	
62804	C/OP. REPL. 1 CAB DOOR, INCL. R/R,	<u>3.4</u>
	CSG: 822	
62805	S/OP. R/R 1 CAB DOOR TRIM.	<u>0.5</u>
	CSG: 822	
62806	S/OP. REPL. 1 WINDOW WINDER HANDLE.	<u>0.3</u>
	CSG: 822	
62808	S/OP. R/R 1 DOOR STRIKER PLATE	<u>0.3</u>
	CSG: 822	
62809	S/OP. ADJUST 1 DOOR STRIKER PLATE.	<u>0.3</u>
	CSG: 822	
62810	C/OP. R/R 1 CAB DOOR LOCK	<u>0.5</u>
	CSG: 822	
62811	C/OP. REPL. 1 CAB DOOR EXTERN.	<u>0.4</u>
	CSG: 822	

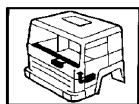
62812	C/OP. REPL. 1 INTERN. PULL HANDLE	<u>0.3</u>
	CSG: 822	
62813	C/OP. R/R 1 WINDOW WINDER MECHANISM	<u>0.9</u>
	CSG: 822	
62815	S/OP. R/R 1 DOOR HINGE	<u>0.3</u>
	CSG: 822	
62816	S/OP. REPL. 1 DOOR STRAP.	<u>0.3</u>
	CSG: 822	
62820	C/OP. REPL. 1 CAB DOOR LOCK	<u>0.4</u>
	CSG: 822	
62833	C/OP. REPL. PARTIAL PANEL BOTTOM	<u>7.1</u>
	CSG: 822	
62834	C/OP. REPL. PARTIAL PANEL BOTTOM	<u>7.1</u>
	CSG: 822	
62840	C/OP. REPL. PARTIAL PANEL BOTTOM	<u>7.1</u>
	CSG: 822	
62842	C/OP. R/R SLIDING DOOR LOCK	<u>0.4</u>
	CSG: 822	
62843	C/OP. R/R SLIDING DOOR LOCK STRIKER	<u>0.3</u>
	CSG: 822	
62844	C/OP. R/R SLIDING DOOR TOP SLIDE	<u>0.4</u>
	CSG: 822	
62845	C/OP. R/R 1 SLIDING DOOR TOP	<u>0.5</u>
	CSG: 822	
62846	C/OP. R/R 1 SLIDING DOOR BOTTOM	<u>0.3</u>
	CSG: 822	
62847	C/OP. R/R 1 REAR LOADING DOOR	<u>0.6</u>
	CSG: 822	
62848	C/OP. R/R 1 LOADING DOOR LOCK	<u>0.4</u>
	CSG: 822	
62849	C/OP. R/R 1 LOADING DOOR LOCK	<u>0.4</u>
	CSG: 822	
62855	S/OP. STRIP/RIG 1 DOOR	<u>1.7</u>
	CSG: 822	



631

BAYS-WINDOWS

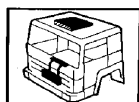
63100	C/OP. REPL. WINDSCREEN INCL. CLEAN	<u>2.1</u>
	CSG: 822	
63124	C/OP. REPL. REAR WINDOW SEAL	<u>0.5</u>
	CSG: 822	
63130	C/OP. R/R LOADING DOOR WINDOW	<u>0.5</u>
	CSG: 822	
63131	C/OP. REPL. LOADING DOOR WINDOW	<u>0.6</u>
	CSG: 822	
63132	C/OP. REPL. LOADING DOOR WINDOW	<u>0.5</u>
	CSG: 822	



635

HEATING, DEFROSTING

63500	C/OP. R/R 1 HEATING/DEFROSTING ASSY	<u>3.3</u>
	CSG: 822	
63502	C/OP. REPL. HEATING PIPES	<u>1.0</u>
	CSG: 822	
63555	S/OP. R/R HEATING RADIATOR,	<u>1.7</u>
	CSG: 822	
63557	S/OP. REPL. AIR CONDITION. MOTOR(S)	<u>0.3</u>
	CSG: 822	
63600	C/OP. REPL. BURNER NOZZLE,	<u>0.6</u>
	CSG: 822	
63624	C/OP. REPL. 1 AIR CONDITIONING	<u>0.6</u>
	CSG: 822	

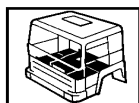


637

AIR-CONDITIONING

63701	C/OP. R/R 1 CONDENSER	<u>0.5</u>
	CSG: 822	
63703	C/OP. REPL. 1 PRESSURE REDUCER	<u>0.5</u>
	CSG: 822	
63710	C/OP. R/R 1 EVAPORATOR	<u>4.4</u>
	CSG: 822	
63712	C/OP. R/R 1 DEHYDRATOR	<u>0.5</u>
	CSG: 822	
63714	C/OP. REPL. COMPRESSOR/CONDENSER	<u>0.5</u>
	CSG: 822	
63721	C/OP. REPL. EVAPORATOR/COMPRESSOR	<u>0.8</u>
	CSG: 822	
63723	C/OP. REPL. CONDENSER/DEHYDRATOR	<u>0.5</u>
	CSG: 822	
63730	C/OP. REPL. DEHYDRATOR/EVAPORATOR	<u>0.8</u>
	CSG: 822	
63732	C/OP. REPL. VENTILATION SPEED	<u>0.3</u>
	CSG: 822	
63742	C/OP. REPL. 1 RHEOSTAT.	<u>0.3</u>
	CSG: 822	
63743	C/OP. DRAIN & REFILL 1 CHILLING	<u>1.5</u>
	CSG: 822	
63744	C/OP. TROUBLESHOOTING TEST	<u>0.4</u>
	CSG: 822	
63773	C/OP. REPL. AIR RECYCLING FLAP	<u>0.6</u>
	CSG: 822	

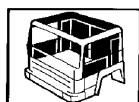
63800	C/OP. REPL. 1 THERMOSTAT.	<u>1.0</u>
	CSG: 822	
63804	C/OP. REPL. 1 H.P. PRESSURE	<u>0.3</u>
	CSG: 822	



641

FLOOR CARPET

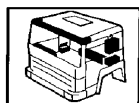
64110	C/OP. R/R 1 LH OR RH SIDE CARPET	<u>0.3</u>
	CSG: 822	
64111	C/OP. R/R 1 CENTRAL CARPET	<u>0.3</u>
	CSG: 822	
64112	C/OP. R/R 1 LH OR RH SIDE SILL	<u>0.3</u>
	CSG: 822	



642

INTERIOR TRIM

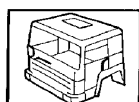
64212	C/OP. R/R ROOF TRIM	<u>0.8</u>
	CSG: 822	



644

DRIVING POSITION ACCESSORIES

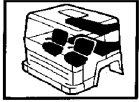
64402	C/OP. R/R DASHBOARD	<u>1.6</u>
	CSG: 822	



647

STANCHIONS - HAND RAILS

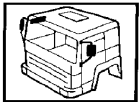
64708	S/OP. R/R 1 HOLDING HANDLE	<u>0.3</u>
	CSG: 822	
64709	S/OP. R/R 1 GRAB HANDLE	<u>0.3</u>
	CSG: 822	
64715	S/OP. R/R DRIVERS REAR PARTITION	<u>0.3</u>
	CSG: 822	
64718	S/OP. R/R REAR PASSENGER PARTITION	<u>0.3</u>
	CSG: 822	
64719	S/OP. R/R CAB-VAN PARTITION	<u>0.5</u>
	CSG: 822	



651

DRIVER AND OPERATOR SEATS

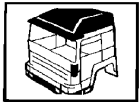
65107	S/OP. R/R DRIVER'S SEAT	<u>0.3</u>
CSG:	822	
65109	S/OP. R/R COURIERS SEAT	<u>0.3</u>
CSG:	822	
65115	S/OP. R/R BENCH SEAT	<u>0.4</u>
CSG:	822	



661

EXTERIOR REARVIEW MIRROR

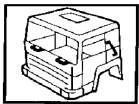
66100	C/OP. REPL. 1 L.H. OR R.H.	<u>0.6</u>
CSG:	822	



662

MUD FLAPS-AERODYNAMICS-SUN SHADES

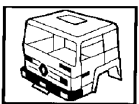
66207	S/OP. REPL. 1 MUD FLAP	<u>0.3</u>
CSG:	822	



663

OUTER HANDLES

66306	S/OP. REPL. WINDSCREEN ACCESS	<u>0.3</u>
CSG:	822	
66307	S/OP. R/R VAN REAR SIDE HANDLE	<u>0.3</u>
CSG:	822	

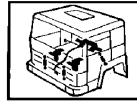


666

BUMPER-CHASSIS WINGS-MONOGRAM

66601	C/OP. REPL. FRONT BUMPER COMPLETE.	<u>0.5</u>
CSG:	822	
66612	C/OP. REPL. REAR BUMPER COMPLETE	<u>1.0</u>
CSG:	822	
66614	C/OP. REPL. REAR BUMPER COMPLETE.	<u>0.7</u>
CSG:	822	
66617	S/OP. REPL. 1 BADGE ON DOOR	<u>0.3</u>
CSG:	822	
66622	C/OP. R/R 1 SIDE IMPACT BEAM	<u>0.3</u>
CSG:	822	

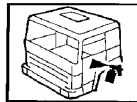
66624	C/OP. R/R REAR BUMPER	<u>0.5</u>
CSG:	822	
66625	S/OP. REPL. 1 BADGE ON BONNET	<u>0.3</u>
CSG:	822	
66629	S/OP. REPL. REAR BUMPER LH OR RH	<u>0.5</u>
CSG:	822	
66635	S/OP. REPL. REAR BUMPER LH OR RH	<u>0.3</u>
CSG:	822	
66639	S/OP. REPL. REAR BUMPER CENTRAL	<u>0.3</u>
CSG:	822	



668

CAB TILTING AND ATTACHMENT

66825	S/OP. REPL. 1 CAB SUSPENSION	<u>1.1</u>
CSG:	822	
66826	S/OP. REPL. 2 FRONT SUSPENSION	<u>0.8</u>
CSG:	822	
66845	S/OP. REPL. 1 FRONT SUSP. SHOCK	<u>0.6</u>
CSG:	822	



681

SURFACE PREPARATION PRODUCTS

68102	C/OP. PAINT UNDRESSED CAB EXT.	<u>12.0</u>
CSG:	822	
68145	S/OP. PAINT VAN EXTENSION PANEL EXT	<u>3.7</u>
CSG:	822	
68148	S/OP. PAINT ROOF INT/EXT INCL.	<u>5.8</u>
CSG:	822	
68150	C/OP. PAINT UNDRESSED CAB INT./EXT.	<u>17.5</u>
CSG:	822	
68151	C/OP. PAINT CAB FITTED WITH DOORS &	<u>13.5</u>
CSG:	822	
68152	C/OP. PAINT PRE-EQUIPPED CAB EXT. &	<u>15.0</u>
CSG:	822	
68155	S/OP. PAINT VAN SLIDING SIDE	<u>3.7</u>
CSG:	822	
68158	S/OP. PAINT PARTIALLY REPLACED LH	<u>2.0</u>
CSG:	822	
68165	S/OP. PAINT LH OR RH SIDE EXT.	<u>3.7</u>
CSG:	822	
68187	S/OP. PAINT VAN SLIDING SIDE	<u>5.2</u>
CSG:	822	
68188	S/OP. PAINT 1 VAN REAR LOADING	<u>3.7</u>
CSG:	822	

68189	S/OP. PAINT 1 VAN REAR LOADING	<u>5.2</u>	68307	S/OP. PAINT ROOF EXT. INCL. TOUCH	<u>4.1</u>
CSG:	822		CSG:	822	
68195	S/OP. PAINT 1 LH OR RH SCUTTLE	<u>0.7</u>	68308	S/OP. PAINT REAR END EXT. INCL.	<u>4.8</u>
CSG:	822		CSG:	822	
68196	S/OP. PAINT 1 LH OR RH SCUTTEL SIDE	<u>1.1</u>	68313	S/OP. PAINT REAR END INT/EXT INCL.	<u>6.7</u>
CSG:	822		CSG:	822	
68197	S/OP. PAINT LH OR RH FRONT END EXT.	<u>0.7</u>	68315	S/OP. PAINT VAN TOP SIDE PANEL EXT.	<u>4.9</u>
CSG:	822		CSG:	822	
68198	S/OP. PAINT LH OR RH FRONT END	<u>3.3</u>	68316	S/OP. PAINT VAN TOP SIDE PANEL	<u>6.8</u>
CSG:	822		CSG:	822	
68199	S/OP. PAINT LH OR RH SIDE SILL ASSY	<u>0.7</u>	68317	S/OP. PAINT VAN BOTTOM SIDE PANEL	<u>2.2</u>
CSG:	822		CSG:	822	
68209	S/OP. PAINT 1 LH OR RH WING EXT.	<u>0.7</u>	68325	S/OP. PAINT COMPLETE LH OR RH	<u>1.7</u>
CSG:	822		CSG:	822	
68213	S/OP. PAINT 1 LH OR RH WING INT/EXT	<u>1.1</u>	68327	S/OP. PAINT FRONT END EXT.	<u>1.8</u>
CSG:	822		CSG:	822	
68215	S/OP. PAINT 1 CAB DOOR EXT.	<u>3.0</u>	68328	S/OP. PAINT LH OR RH DOOR ENTRANCE	<u>1.1</u>
CSG:	822		CSG:	822	
68219	S/OP. PAINT VAN EXTENSION PANEL	<u>5.2</u>	68329	S/OP. PAINT COMPLETE WHEELARCH	<u>3.4</u>
CSG:	822		CSG:	822	
68223	S/OP. PAINT CAB DOOR INT/EXT.	<u>4.3</u>	68335	S/OP. PAINT LH OR RH SIDE-MEMBER	<u>0.7</u>
CSG:	822		CSG:	822	
68230	S/OP. PAINT FRONT END EXT.	<u>4.1</u>	68336	S/OP. PAINT VAN BOTTOM SIDE PANEL	<u>3.4</u>
CSG:	822		CSG:	822	
68231	S/OP. PAINT FRONT END EXT.	<u>0.7</u>	68337	S/OP. PAINT LH OR RH SIDE EXT.	<u>9.3</u>
CSG:	822		CSG:	822	
68241	S/OP. PAINT FRONT BUMPER EXT.	<u>1.1</u>	68338	S/OP. PAINT LH OR RH SIDE INT/EXT.	<u>11.9</u>
CSG:	822		CSG:	822	
68243	S/OP. PAINT FRONT BUMPER INT/EXT.	<u>1.7</u>	68339	S/OP. PAINT CAB. FLOOR INT.	<u>2.2</u>
CSG:	822		CSG:	822	
68255	S/OP. PAINT FRONT GRILLE	<u>0.7</u>	68345	S/OP. PAINT CAB FLOOR INT/EXT.	<u>3.4</u>
CSG:	822		CSG:	822	
68256	S/OP. PAINT FRONT GRILLE	<u>1.1</u>	68346	S/OP. PAINT ROOF INT/EXT INCL.	<u>8.9</u>
CSG:	822		CSG:	822	
68257	S/OP. PAINT CENTRAL GRILLE EXT.	<u>0.7</u>	68347	S/OP. PAINT ROOF INT/EXT INCL.	<u>12.6</u>
CSG:	822		CSG:	822	
68258	S/OP. PAINT CENTRAL GRILLE INT/EXT.	<u>1.1</u>	68348	S/OP. PAINT ROOF EXT. INCL. TOUCH	<u>6.9</u>
CSG:	822		CSG:	822	
68259	S/OP. PAINT LH OR RH GRILLE EXT.	<u>0.7</u>	68349	S/OP. PAINT ROOF EXT. INCL. TOUCH	<u>10.8</u>
CSG:	822		CSG:	822	
68265	S/OP. PAINT LH OR RH GRILLE INT/EXT	<u>1.1</u>			
CSG:	822				
68266	S/OP. PAINT REAR BUMPER EXT.	<u>1.1</u>			
CSG:	822				
68267	S/OP. PAINT REAR BUMPER INT/EXT.	<u>1.7</u>			
CSG:	822				
68305	S/OP. PAINT LH OR RH STEP ASSY	<u>1.1</u>			
CSG:	822				