Iveco Stralis Euro 3 Repair Manual

Full download: http://manualplace.com/download/ive-stralis-euro-3-repair-manual/

STRALIS

REPAIR MANUAL
MECHANICAL
ELECTRIC / ELECTRONIC



This publication describes the characteristics, the data, the correct methodology of the repairs that can be made on each individual component of the vehicle.

By complying with the instructions supplied and using the specific tools it is possible to perform any repair intervention correctly, within the specified time frames, while protecting the technicians against incidents.

Before starting any repair work, make sure that all accident prevention devices are ready at hand.

Check and wear the protective personal equipment provided for by the safety standards: goggles, helmet, gloves, shoes.

Check the efficiency of all processing, lifting and transport tools before using them.

The data contained in this publication might fail to reflect the latest changes which the Manufacturer may introduce at any time, for technical or sales purposes, or to meet the requirements of local legislation.

Copy, even partial, of text and drawings is forbidden.

Publication Edited by: IVECO S.p.A. T.C.O. - B.U. Customer Service Lungo Stura Lazio, 15/19 10156 Torino (Italy)

Printed 603.43.671 - 1st Ed. 2001

Produced by:



B.U. TECHNICAL PUBLISHING C.so Svizzera, 185 10149 Torino (Italy)

SPECIAL REMARKS

The workshop manuals for mechanical parts have been divided into Sections, each of which has a number and its relevant contents are indicated in the General Specifications. Each section features a main Unit (e.g. engine, gears etc.).

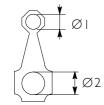
The subjects usually dealt with in each section are:

Technical data table, Driving torques, Equipment, Diagnostic, Removal and Fitting in place, Repair operations.

Where possible, the same sequence of procedures has been followed for easy reference.

Diagrams and symbols have been widely used to give a clearer and more immediate illustration of the subject being dealt with, (see next page) instead of giving descriptions of some operations or procedures.

Example



 \emptyset I = housing for connecting rod small end bush

 \emptyset 2 = housing for connecting rod bearings



Tighten to torque Tighten to torque + angular value

Furthermore, within each section, every heading or sub-heading concerning the operations to be carried out is preceded by a six digit number. This number is the Product Code that is to be found in the repair operation described in the REPAIR TIMES CHARTS and in the FAULT CODES.

For quick reference the indication of how to read this code is described below (see the Repair time charts also).

Product Code: UNIT SUB-ASSEMBLY PRODUCT Example: Product 50 = Frame;Product 52 = Axles;Product 53 = Gears etc. Unit Code: PRODUCT UNIT SUB-ASSEMBLY Figures three and four identify the ASSEMBLY within the PRODUCT Example: Product 50 = Frame;01 = Chassis; Unit 02 = Bumpers etc.Unit 0 Sub-assembly Code: PRODUCT UNIT SUB-ASSEMBLY COMPONENT

Example:

Product 50 = Frame; Unit 01 = Chassis;

Sub-assembly 40 = Chassis cross members etc.

Graphs and symbols

•	
	Removal Disconnection
	Refitting Connection
	Removal Disassembly
	Fitting in place Assembly
	Tighten to torque
\bigcirc_a	Tighten to torque + angle value
•	Press or caulk
	Regulation Adjustment
<u> </u>	Warning Note
	Visual inspection Fitting position check
	Measurement Value to find Check
	Equipment
70	Surface for machining Machine finish
₩	Interference Strained assembly
	Thickness Clearance
	Lubrication Damp Grease
	Sealant Adhesive
	Air bleeding

Exhaust Compression ratio Compression ratio Tolerance Weight difference Rolling torque Replacement Original spare parts Rotation Angle Angular value Preload Preload Number of revolutions Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature > 0° Cold Winter Temperature > 0° Hot		
Operation Compression ratio Tolerance Weight difference Rolling torque Replacement Original spare parts Rotation Angle Angular value Preload Preload Number of revolutions Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°		Intake
Compression ratio Tolerance Weight difference Rolling torque Replacement Original spare parts Rotation Angle Angular value Preload Preload Number of revolutions Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°		Exhaust
Tolerance Weight difference Rolling torque Replacement Original spare parts Rotation Angle Angular value Preload Number of revolutions Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°	\Diamond	Operation
Rolling torque Replacement Original spare parts Rotation Angle Angular value Preload Number of revolutions Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°	Q	Compression ratio
Replacement Original spare parts Rotation Angle Angular value Preload Number of revolutions Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°		
Rotation Angle Angular value Preload Number of revolutions Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°		Rolling torque
Angle Angular value Preload Number of revolutions Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°	IVECO PARTS	
Angular value Preload Number of revolutions Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°		Rotation
Number of revolutions Temperature Pressure Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°		
Temperature Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°		Preload
Pressure Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°		Number of revolutions
Oversized Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°		Temperature
Higher than Maximum, peak Undersized Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°	bar	Pressure
Less than Minimum Selection Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°	>	Higher than
Classes Oversizing Temperature < 0° Cold Winter Temperature > 0°	<	Less than
Cold Winter Temperature > 0°	A	Classes
		Cold
Summer	(Hot

STRALIS

Print 603.43.67 I - I st edition Base - September 200 I

UPDATE DATA

Section	Description	Page	Revision date
	General	5, 6, 7, 8, 9, , 2, 3 , 8, 9, 0/ ÷ 0/4, ÷ 3	Revi April 2002 Revi November 2003
2	Engine	6, 76, 90, 91, 103, 118, 196, 210, 211, 223 5, 6, 16+18, 38/1+38/6, 44, 45, 63, 74, 74/1, 74/2, 75, 78, 80, 85, 89, 91+94, 99, 100, 103, 105, 108, 112, 117, 118, 128, 148, 157, 158, 158/1, 15/2, 164, 165, 178, 194, 194/1, 194/2, 195, 198, 200, 205, 208, 212, 213, 214, 219, 220, 223, 225, 228, 232	Revi April 2002 Revi November 2003
3	Clutch	4, 5, 6, 16 13	Revi April 2002 Revi November 2003
4	Gearbox	1, 81, 84, 126+166, 169+198 1, 7, 12+15, 17, 24, 25, 33, 35, 36, 39, 43, 45, 50, 51, 53, 63, 72+74, 77, 79, 81, 83+85, 132+134, 138, 142, 143, 145+147, 149, 151, 152, 155, 161, 162, 164, 165, 167, 169, 171, 172, 175, 177+179, 183, 199+204	Revi April 2002 Revi November 2003
5	Hydraulic retarder	1, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 12, 13, 18, 19, 21, 22, 26	Revi April 2002 Revi November 2003
6	Propeller shafts	1, 3, 4, 5, 6, 7, 8, 9, 10 1, 2/1, 2/2, 3, 4, 7	Revi April 2002 Revi November 2003
7	Rear axles	1, 12, 13, 16, 18/1, 18/2, 20, 23, 24, 54, 56/1, 56/2, 57, 59, 63+166 1, 7, 9, 10/1, 10/2, 11+13, 29, 43, 45, 46/1, 46/2, 47, 48, 51, 57, 63, 65, 66/1, 66/2, 67, 69, 71, 72/1, 72/2, 73, 77, 79, 80/1, 80/2, 81+83, 125, 126/1, 126/2, 127+129, 140, 153, 154/1, 154/2, 157, 165, 167+202	Revi April 2002 Revi November 2003
8	Axles	1, 9, 13, 14, 23÷27, 38, 39, 44, 45, 52, 53, 58/1÷58/10, 64, 68/1÷68/10, 76, 98/1÷98/12, 109 8, 91, 93, 110	Revi April 2002 Revi November 2003
9	Suspensions	2, 6, 7, 13, 14, 26, 31, 71, 73/1, 73/2, 74, 75, 76, 82, 89, 90 1, 5, 7, 13÷15, 19, 20, 23, 29÷31, 79, 86	Revi April 2002 Revi November 2003
10	Wheels and tyres	9	Revi November 2003
П	Steering	2, 4, 27, 28, 29, 30 8, 23, 30	Revi April 2002 Revi November 2003
12	Brakes	2, 3, 4, 26, 28, 41, 41/1, 41/2, 42, 132, 133, 133/1, 133/2, 135, 136, 137, 138, 139, 139/1, 139/2, 143, 144, 148, 149, 155, 157, 158, 161, 164, 165, 165/1, 165/2, 166, 172, 173, 174, 177, 183 2, 3, 30÷35, 38÷41, 41/1÷41/4, 42, 71÷119, 119/1÷119/16, 140÷146, 148, 149, 153, 154, 157, 163, 165/1, 165/2, 166÷170, 173, 173/1÷173/4, 178, 179	Revi April 2002 Revi November 2003
13	Bodywork and chassis frame	2, 2/I, 2/2, 23÷84 I, 2, 2/I, 2/2, 3, 3/I÷3/4, 9, I2, I2/I, I2/2, 22/I, 22/2, 32/I÷32/6	Revi April 2002 Revi November 2003
14	Scheduled maintenance	+ 8 , 3, 4, 7, 3, 5+ 7	Revi April 2002 Revi November 2003
15	Electric/electronic system	complete	2nd Ed. Base - November 2003

Print 603.43.671/B

Base - September 2001

Revi - April 2002

Revi - November 2003

INDEX OF SECTIONS

	Section
General information	I
Engine	2
Clutch .	3
Gearbox	4
Hydraulic retarder	5
Propeller shafts	6
Rear axles	7
Front axle	8
Front and rear suspensions	9
Wheels and tyres	10
Steering system	11
Pneumatic system – brakes	12
Bodywork and chassis frame	13
Maintenance	14
	15

Print 603.43.671 Base – September 2001

Stralis GENERAL

Fage VEHICLE IDENTIFICATION DATA Vehicle identification plate Production identification plate COMPOSITION OF MODELS 5 P.I.C. NUMBER CODING 10/1 REPLENISHING FLUIDS

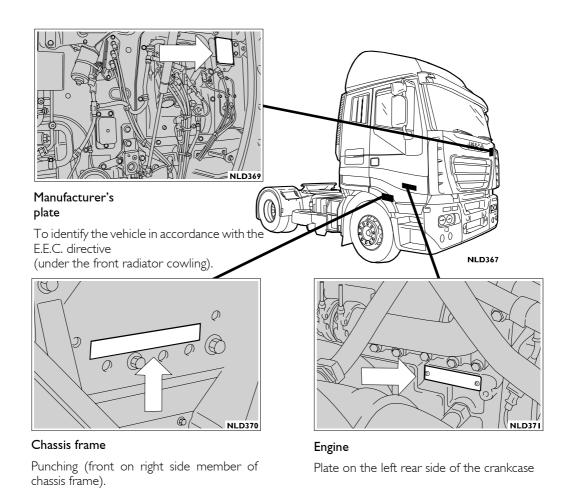
I

2 GENERAL STRALIS

Stralis GENERAL 3

VEHICLE IDENTIFICATION DATA

The type and number of engine, type and number of chassis and manufacturer's plate comprise the vehicle identification data.



Print 603.43.671 Base - September 2001

Vehicle Identification Plate

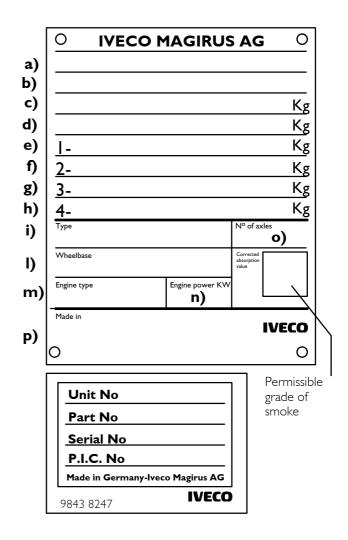
Plate legend

4

- a) Type-approval number marking (if applicable).
- b) Vehicle identification code number (V.I.N.).
- c) Total tractor weight.
- d) Total weight of tractor + trailer (if applicable).
- e) Permissible weight limit on 1st axle.
- f) Permissible weight limit on 2nd axle (if applicable).
- g) Permissible weight limit on 3rd axle.
- h) Permissible weight limit on 4th axle (if applicable).
- i) Specific identification of type.
- I) Wheelbase in mm.
- m) Engine type.
- n) Engine power.
- o) No. of axles.
- p) Place of manufacture.

Production identification plate

This plate shows the P.I.C. (production identification code number), which is needed when referring to the **spare parts catalogue** (electronic and/or microfiche catalogue). The P.I.C. is also given on the vehicle warranty card. **Note**: When consulting the catalogues, use only the first 8 digits of the product identification code number.



5 GENERAL Stralis

		CHASSIS CABS - 4x2 MODELS												
ASSEMBLIES			AS 190 S 40/P	AS 190 S 40/FP-CM	AS 190 S 40/FP-GV	AS 190 S 43/P	AS 190 S 43/FP-CM	AS 190 S 43/FP-GV	AS 190 S 44/P	AS 190 S 44/FP-CM	AS 190 S 44/FP-GV	AS 190 S 48/P	AS 190 S 48/FP-CM	AS 190 S 48/FP-GV
7.00211102120	F3AE0681B (400 CV)		0	0	0		_						_	
	F3AE0681D (430 CV)					0	0	0						
10 2 -3)	F3BE0681C (440 CV)								0	0	0			
	F3BE0681E (480 CV)											0	0	0
	F3BE0681A (540 CV)													
150	1 3BE00017 ((3 10 CV)													
	Single disc 17"		0	0	0	0	0	0	0	0	0	0	0	0
	ZF 16S 181 O.D.								0		0	0		0
	ZF 16S 181 D.D.		0	0	0	0	0	0						
	ZF 16S 221 D.D.								0	0		0	0	
	EuroTronic Automated 12	AS 2301 D.D.	0	0	0	0	0	0						
	EuroTronic Automated 16	AS 2601 O.D.							0		0	0		0
	EuroTronic Automated 16	AS 2601 D.D.							0	0		0	0	
	FRONT AXLE:	5876/4 (F 8021)	8	8	8	8	8	8	8	8	8	8	8	8
		5876/5 (F 8021)	•	•	•	•	•	•	•	•	•	•	•	•
		5876 (F 8021)*												
	ADDED AXLE:													
	Steering central	5876/2 (F 8021)												
	Rigid rear	55080/D1 (N 8071) - 55080/T1 (N 8071)*												
	Rigid rear	56082/D1 (N 9171) - 56082/T1 (N 9171)*												
	Steering rear	57080/D1 (N 8072) - 57080/T1 (N 8072)*												
	MERITOR U 177 E		0	0	0	0	0	0	0	0	0	0	0	0
	MERITOR MS 13-175		0	0	0	0	0	0	0	0	0	0	0	0
	MERITOR RT 160 E - RT1	60E/I												
	ZF 8098		0	0	0	0	0	0	0	0	0	0	0	0
a ø	FRONT MECHANICAL	Parabolic	0			0			0			0		
	PNEUMATIC	Front		\Diamond			\Diamond			\Diamond			\Diamond	
		Rear	0	0	0	0	0	0	0	0	0	0	0	0
		Added axle	1											

= With brake calliper assembly at 57° without parking brake

= With longitudinal and transversal bars

= With brake calliper assembly at 0° with parking brake

= With parabolic leaf springs

= With drum brakes

Print 603.43.67 I/A Base - September 2001 Revi - April 2002

= 4x2 tractorТ

= 6x2 C tractor (central added axle cannot be lifted)

= 6x2 P tractor (rear added axle can be lifted)

= 6x2 vehicles with mechanical rear suspensions and raisable rigid rear added

ΤZ = 6x4 tractor (bogie rear axle)

= 4x2 - 6x2P - 6x2C vehicles with air suspension on rear axle and 6x2Pvehicles with rigid rear axle that can be lifted with single wheels

= 6x2P vehicles with air suspension on rear axle and rigid rear added axle that can be lifted with twin wheels

= 6x2P vehicles with air suspension on rear axle and on steering rear added axle that can be lifted with single wheels

FP = 4x2 - 6x4 - 6x2P - 6x2C vehicles with front and rear air suspensions

= 6x2P vehicles with front and rear air suspensions, steering rear added axle can be lifted with single wheels

= Vehicles with two axles with rear driving axle

6x2P = Vehicles with three axles with rear driving axle and rear added third axle that

6x2C = Vehicles with three axles with rear driving axle and central added third axle that cannot be lifted

= Vehicles with three axles with two rear driving axles (in tandem)

= Movable Boxes CMGV = High Volumes

= High Cube HC

= Heavy Mission

= Tractor with lowered chassis frame

= Chassis cab with lowered chassis frame

= Rough Roads

GENERAL Stralis

F3AE06 F3BE066	68 IB (400 CV) 68 ID (430 CV) 68 IC (440 CV) 68 IE (480 CV) 68 IA (540 CV)	IASSIS CABS - 6x2 P MODELS	○ AS 260 S 40Y/P	○ AS 260 S 40Y/PS ○ AS 260 S 40Y/FP-CM	○ AS 260 S 40Y/FS-CM	○ AS 260 S 40Y/FP-GV ○ AS 260 S 40Y/FS-GV	O AS 260 S 40Y/FP-HC		AS 260 S 43 Y/PS	AS 260 S 43 Y/FP-CM AS 260 S 43 Y/FS-CM	AS 260 S 43 Y/FP-GV AS 260 S 43 Y/FS-GV	AS 260 S 43 Y/FP-HC	AS 260 S 44 Y/P	AS 260 S 44 Y/PS	AS 260 S 44 Y/FS-CM	AS 260 S 44 Y/FP-GV AS 260 S 44 Y/FS-GV	AS 260 S 44 Y/FP-HC	4S 260 S 48 Y/P	AS 260 S 48 Y/PS AS 260 S 48 Y/FP-CM	S 260 S 48 Y/FS-CM	S 260 S 48 Y/FP-GV S 260 S 48 Y/FS-GV	S 260 S 48 Y/FP-HC	S 260 S 54 Y/P	S 260 S 54 Y/PS S 260 S 54 Y/FP-CM	AS 260 S 54 Y/FS-CM AS 260 S 54 Y/PT	TX TY TN	 = 4x2 tractor = 6x2 C tractor (central added axle cannot be lifted) = 6x2 P tractor (rear added axle can be lifted) = 6x2 vehicles with mechanical rear supportions and missible visid man
F3AE06 F3BE06 F3BE06	68 I D (430 CV) 68 I C (440 CV) 68 I E (480 CV) 68 I A (540 CV)		O AS 260 S 40Y/P	O AS 260 S 40Y/PS O AS 260 S 40Y/FP-C	O AS 260 S 40Y/FS-C	AS 260 S 40Y/FP-G AS 260 S 40Y/FS-G			AS 260 S 43 Y/PS	AS 260 S 43 Y/FP-C AS 260 S 43 Y/FS-C	AS 260 S 43 Y/FP-C AS 260 S 43 Y/FS-C	AS 260 S 43 Y/FP-F	AS 260 S 43 T/P AS 260 S 44 Y/P	AS 260 S 44 Y/PS	AS 260 S 44 Y/FS-C	AS 260 S 44 Y/FP-0 AS 260 S 44 Y/FS-0	AS 260 S 44 Y/FP-H	4S 260 S 48 Y/P	AS 260 S 48 Y/PS AS 260 S 48 Y/FP-0	S 260 S 48 Y/FS-C	.S 260 S 48 Y/FP-C .S 260 S 48 Y/FS-C	S 260 S 48 Y/FP-F	S 260 S 54 Y/P	S 260 S 54 Y/PS S 260 S 54 Y/FP-0	AS 260 S 54 Y/FS-C AS 260 S 54 Y/PT	TY TN	 cannot be lifted) 6x2 P tractor (rear added axle can be lifted) 6x2 vehicles with mechanical rear
F3AE06 F3BE06 F3BE06	68 I D (430 CV) 68 I C (440 CV) 68 I E (480 CV) 68 I A (540 CV)		O AS 260 S 40Y/I	O AS 260 S 40Y/I	○ AS 260 S 40Y/F	O AS 260 S 40Y/I			AS 260 S 43 Y	AS 260 S 43 Y/	AS 260 S 43 Y AS 260 S 43 Y	AS 260 S 43 Y	AS 260 S 44 Y	AS 260 S 44 Y	AS 260 S 44 Y	AS 260 S 44 Y AS 260 S 44 Y	AS 260 S 44 Y	4S 260 S 48 Y	AS 260 S 48 Y AS 260 S 48 Y	S 260 S 48 Y	S 260 S 48 Y S 260 S 48 Y	S 260 S 48 Y	S 260 S 46 T	S 260 S 54 Y S 260 S 54 Y	AS 260 S 54 Y AS 260 S 54 Y	TY TN	be lifted) = 6x2 vehicles with mechanical rear
F3AE06 F3BE06 F3BE06	68 I D (430 CV) 68 I C (440 CV) 68 I E (480 CV) 68 I A (540 CV)		O AS 260	O AS 260	O AS 260	O AS 260			AS 260	AS 260 AS 260	AS 260 AS 260	AS 260	AS 260 AS 260	AS 260	AS 260	AS 260 AS 260	AS 260	4S 260	\S 260	S 260	S 260	S 260	S 260	\$ 260	4S 260 4S 260	TN	
F3AE06 F3BE066 F3BE066	68 I D (430 CV) 68 I C (440 CV) 68 I E (480 CV) 68 I A (540 CV)		0	00		00											1 7 1		4	. <	ع ع	∢ ∢	< < <	₹ ₹	7 7		suspensions and raisable rigid rear added axle
F3BE06:	68 C (440 CV) 68 E (480 CV) 68 A (540 CV)																									TZ	= 6x4 tractor (bogie rear axle)
F3BE06	681E (480 CV) 681A (540 CV)								0) C																P	= 4x2 - 6x2P - 6x2C vehicles with air
F3BE06	681E (480 CV) 681A (540 CV)												0	0 (0 0											suspension on rear axle and 6x2P
	681A (540 CV)																	0	0 0		00	0					vehicles with rigid rear axle that can be lifted with single wheels
F3BEU6																							0 (00	00	PT	= 6x2P vehicles with air suspension
																											on rear axle and rigid rear added axle that can be lifted with twin wheels
Single d	aisc 17																									PS	= 6x2P vehicles with air suspension
ZF 16S	5 181 O.D.												0	0		O C)			00	0)				on rear axle and on steering rear added axle that can be lifted with
ZF 16S	5 181 D.D.		0	00		00	0	0	0) C	000		\supset					0	0								single wheels
ZF 16S	5 22 I D.D.												0	0	0			0	0 0			()			FP	= $4x2 - 6x4 - 6x2P - 6x2C$ vehicles with front and rear air suspensions
EuroTro	ronic Automated 12 AS 2301 D	D.	0	00		00	0	0	0) C	000		\supset													FS	= 6x2P vehicles with front and rear air
	ronic Automated 16 AS 2601 O												0	0		O C			0		00	0		00	00	13	suspensions, steering rear added axle can be lifted with single wheels
	ronic Automated 16 AS 2601 O T AXLE: 5876/5 (F.8						0 (0 0				0	0					0 0							4×2	= Vehicles with two axles with rear
	3070/3 (1 0			⊗ ⊗ ● ●			⊗ (3																		\otimes \otimes		driving axle
	5876/4 (F 8 5876 (F 802																									6x2P	= Vehicles with three axles with rear driving axle and rear added third
ADDED ADDED	D AXLE:	-1)																									axle that can be lifted
Steering	g central 5876/2 (F 8	021)																								6x2C	= Vehicles with three axles with rear driving axle and central added third
Rigid re	- 30, 3,2 (1 3	N 8071) - 55080/T1 (N 8071)*	0	0)	\bigcirc	\bigcirc		(0			0														axle that cannot be lifted
Rigid re		N 9171) - 56082/T1 (N 9171)*	_																							6x4	= Vehicles with three axles with two
Steering		N 8072) - 57080/TI (N 8072)*								C				\cap					\cap							C) 4	rear driving axles (in tandem)
MERITO	OR U 177 E	1 0072) 37000/11 (14 0072)														0 0										CM	= Movable Boxes
	OR MS 13-175			00				0 0					0 0	0 0					0 0		00				00	GV	= High Volumes
	OR RT 160E - RT 160 E/I																									HC HM	High CubeHeavy Mission
	OTT 1002 TT 100 27																									LT	= Tractor with lowered chassis frame
ZF 8098	98		0	00		00	0		0					0					0 0		00				00	CT	= Chassis cab with lowered chassis
U																										CI	frame
FRONT	T MECHANICAL Parabolic		0	0					0										0							RR	= Rough Roads
PNEUM	MATIC Front		$\dagger \dagger$	\Diamond	·				<	\Diamond	>			<	> <				\Diamond	> <				\Diamond	\Diamond		
	Rear		0	00		00	0	0 0	0) C			0 0	0		0 C			00		00	0		00	00		
	Added axle		0	00		00	0		0) C				0		0 0			0 0		00			00	00		

= With brake calliper assembly at 57° without parking brake

= With brake calliper assembly at 0° with parking brake = With longitudinal and transversal bars

= With parabolic leaf springs

= With drum brakes

⊗ • ◊

Base - September 2001 Print 603.43.671/A Revi - April 2002

GENERAL 7 Stralis

	N OF MODELS		1	1	
		CHASSIS CABS – 6x4 MODELS	AS 260 S 44 Z/P-HM	AS 260 S 48 Z/P-HM	AS 260 S 54 Z/P-HM
ASSEMBLIES	1		<	⋖	
	F3AE0681B (400 CV)				
ال ممممم /	F3AE0681D (430 CV)				
	F3BE0681C (440 CV)		0	_	
	F3BE0681E (480 CV)			0	
	F3BE0681A (540 CV)				0
	Single disc 17"		0	0	0
	ZF 16S 181 O.D.				
N 5	ZF 16S 181 D.D.				
	ZF 16S 221 D.D.		0	0	0
"	EuroTronic Automated 12 AS	2301 D.D.			
	EuroTronic Automated 16 AS	2601 O.D.			0
	EuroTronic Automated 16 AS	2601 D.D.	0	0	
	FRONT AXLE:	5876/4 (F 8021)	0	0	0
		5876/5 (F 8021)	•	•	•
		5876 (F 8021)*	*	*	*
	ADDED AXLE:				
	Steering central	5876/2 (F 8021)			
	Rigid rear	55080/D1 (N 8071) - 55080/T1 (N 8071)*			
	Rigid rear	56082/D1 (N 9171) - 56082/T1 (N 9171)*			
	Steering rear	57080/DI (N 8072) - 57080/TI (N 8072)*			
	MERITOR U 177 E				
	MERITOR MS 13-175				
	MERITOR RT 160E - RT 160	EI	0	0	0
	ZF 8098		0	0	0
	FRONT MECHANICAL	Parabolic	0	0	0
	PNEUMATIC	Front			
		Rear	0	0	0
		Added axle	1		

¹⁰ = With brake calliper assembly at 57° without parking brake

Print 603.43.67 I/A Base - September 2001 Revi - April 2002

= 4x2 tractor

TX = 6x2 C tractor (central added axle cannot be lifted)

ΤY = 6x2 P tractor (rear added axle can be lifted)

TN = 6x2 vehicles with mechanical rear suspensions and raisable rigid rear added

TZ = 6x4 tractor (bogie rear axle)

> = 4x2 - 6x2P - 6x2C vehicles with air suspension on rear axle and 6x2Pvehicles with rigid rear axle that can be lifted with single wheels

= 6x2P vehicles with air suspension on rear axle and rigid rear added axle that can be lifted with twin wheels

= 6x2P vehicles with air suspension on rear axle and on steering rear added axle that can be lifted with single wheels

= 4x2 - 6x4 - 6x2P - 6x2C vehicles with front and rear air suspensions

= 6x2P vehicles with front and rear air suspensions, steering rear added axle can be lifted with single wheels

4x2 = Vehicles with two axles with rear driving axle

= Vehicles with three axles with rear driving axle and rear added third axle that

6x2C = Vehicles with three axles with rear driving axle and central added third axle that cannot be lifted

= Vehicles with three axles with two rear driving axles (in tandem)

CM= Movable Boxes

GV = High Volumes

HC = High Cube

LT

HM = Heavy Mission

= Tractor with lowered chassis frame = Chassis cab with lowered chassis frame CT

= Rough Roads

⁼ With brake calliper assembly at 0° with parking brake

⁼ With drum brakes

8 GENERAL STRALIS

COMPOSITION OF MODELS

COMPOSITION		TRACTORS - 4x2 MODELS							Ι.												
ASSEMBLIES			AS 440 S 40 T/P	AS 440 S 40 T/P-RR	AS 440 S 40 T/FP-LT	AS 440 S 40 T/P-HR	AS 440 S 43 T/P	AS 440 S 43 T/P- RR	AS 440 S 43 T/FP-LT	AS 440 S 43 T/P-HR	AS 440S 44 T/P	AS 440S 44 T/P-RR	AS 440 S 44T/FP-LT	AS 440 S 48 T/P	AS 440 S 48 T/P-RR	AS 440 S 48 T/FP-LT	AS 440 S 48 T/P-HR	AS 440 S 54 T/P	AS 440 S 54 T/P-RR	AS 440 S 54 T/FP-LT	AS 440 S 54 T/P-HR
	F3AE0681B (400 CV)		0	0	0	0															
_ __\	F3AE0681D (430 CV)						0	0	0	0											
	F3BE0681C (440 CV)										0	0	0								
	F3BE0681E (480 CV)													\circ	0	\circ	\circ				
	F3BE0681A (540 CV)																	0	0	0	0
T	Single disc 17"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ZF 16S 181 O.D.										0		0	0		0					
	ZF 16S 181 D.D.		0	0	0		0	0	0												
N 0	ZF 16S 221 D.D.										0	0		0	0				0		
	EuroTronic Automated 12 AS 23	01 D.D.	0	0	0		0	0	0												
	EuroTronic Automated 12 AS 23	01 O.D.				0				0							0				0
V	EuroTronic Automated 16 AS 26	01 O.D.									0	0		0		0		0		0	
	EuroTronic Automated 16 AS 26	01 D.D.									0	0		0	0						
	FRONT AXLE:	5876/4 (F 8021)	8	8	8		8	8	8		8	8	8	8	8	8		\otimes	8	8	
		5876/5 (F 8021)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		5876 (F 8021)*				0				0							0				0
	ADDED AXLE:																				
	Steering central	5876/2 (F 8021)																			
	Rigid rear	55080/DI (N 807I) - 55080/TI (N 807I)*																			
	Rigid rear	56082/DI (N 9171) - 56082/TI (N 9171)*																			
	Steering rear	57080/D1 (N 8072) - 57080/T1 (N 8072)*																			
	MERITOR U 177 E		0	0	0		0	0	0		0	0	0	0	0	0		0	0	0	
	MERITOR MS 13-175		0	0	0		0	0	0		0	0	0	0	0	0		0	0	0	
	MERITOR RT 160E - RT 160 E I																				
	451391 HR					0				0							0				0
	ZF 8098		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	FRONT MECHANICAL	Parabolic	0	0		0	0	0		0	0	0		0	0		0	0	0		0
	PNEUMATIC	Front																		0	
		Rear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Added axle																			

= With brake calliper assembly at 57° without parking brake

= With brake calliper assembly at 0° with parking brake

= With drum brakes

Base - September 2001 Revi - April 2002 Revi - November 2003 Print 603.43.671/B

= 4x2 tractor

wheels

wheels

CM

GV

HC

LT CT

RR

single wheels

rear air suspensions

axles (in tandem)

= Movable Boxes

= High Volumes

= Rough Roads

High CubeHeavy Mission

= 6x2 C tractor (central added axle cannot be lifted)
 = 6x2 P tractor (rear added axle can be lifted)
 = 6x2 vehicles with mechanical rear suspensions and

= 4x2-6x2P-6x2C vehicles with air suspension on rear axle and 6x2P vehicles with rigid rear axle that

= 6x2P vehicles with air suspension on rear axle and rigid rear added axle that can be lifted with twin

= 6x2P vehicles with air suspension on rear axle and steering rear added axle that can be lifted with

= 4x2 - 6x4 - 6x2P - 6x2C vehicles with front and

= 6x2P vehicles with front and rear air suspensions, steering rear added axle can be lifted with single

4x2 = Vehicles with two axles with rear driving axle
 6x2P = Vehicles with three axles with rear driving axle and rear added third axle that can be lifted
 6x2C = Vehicles with three axles with rear driving axle and central added third axle that cannot be lifted
 6x4 = Vehicles with three axles with two rear driving

= Tractor with lowered chassis frame

= Chassis cab with lowered chassis frame

= Hub Reduction (ponte a doppia riduzione)

raisable rigid rear added axle
= 6x4 tractor (bogie rear axle)

can be lifted with single wheels

ΤX

Stralis GENERAL 9

COMPOSITION OF MODELS

								_		
ASSEMBLIES			AS 400 S 40 TX/P	AS 400 S 43/TX/FP	AS 400 S 44 TX/P	AS 400 S 48 TX/P	AS 400 S 54 TX/FP	AS 440 S 44 TZ/P-HM	AS 440 S 48 TZ/P-HM	AS 440 S 54 TZ/P-HM
	F3AE0681B (400 CV)		0							
	F3AE0681D (430 CV)			0						
	F3BE0681C (440 CV)				0			0		
	F3BE0681E (480 CV)					0			0	
	F3BE0681A (540 CV)						0			0
I	Single disc 17"		0	0	0	0	0	0	0	0
	ZF 16S 181 O.D.									
	ZF 16S 181 D.D.		0	0						
	ZF 16S 221 D.D.				0	0		0	0	
]	EuroTronic Automated 12 A	S 2301 D.D.	0	0						
	EuroTronic Automated 16 A	S 2601 O.D.					0			0
	EuroTronic Automated 16 A	S 2601 D.D.			0	0		0	0	
	FRONT AXLE:	5876/4 (F 8021)	8	8	8	8	8	8	8	8
		5876/5 (F 8021)	•	•	•	•	•	•	•	•
		5876 (F 8021)*								
	ADDED AXLE:									
	Steering central	5876/2 (F 8021)	0	0	0	0	0			
	Rigid rear	55080/DI (N 807I) - 55080/TI (N 807I)*								
	Rigid rear	56082/DI (N 9171) - 56082/TI (N 9171)*								
	Steering rear	57080/D1 (N 8072) - 57080/T1 (N 8072)*								
	MERITOR U 177 E		0	0	0	0	0			
	MERITOR MS 13-175		0	0	0	0	0			
	MERITOR RT 160E - RT 160	DE/I						0	0	0
	ZF 8098		0	0	0	0	0	0	0	0
0_0	FRONT MECHANICAL	Parabolic	0		0	0		0	0	0
	PNEUMATIC	Front								
		Rear	0	0	0	0	0	0	0	0
		Added axle								

= With brake calliper assembly at 57° without parking brake

= With parabolic leaf springs

= With brake calliper assembly at 0° with parking brake

= With drum brakes

 Print 603.43.671/B
 Base - September 2001

 Revi - April 2002
 Revi - November 2003

T = 4x2 tractor

TX = 6x2 C tractor (central added axle cannot be lifted)

TY = 6x2 P tractor (rear added axle can be lifted)

TN = 6x2 vehicles with mechanical rear suspensions and raisable rigid rear added

axle

TZ = 6x4 tractor (bogie rear axle)

= 4x2 - 6x2P - 6x2C vehicles with air suspension on rear axle and 6x2P vehicles with rigid rear axle that can be lifted with single wheels

= 6x2P vehicles with air suspension on rear axle and rigid rear added axle that

can be lifted with twin wheels

= 6x2P vehicles with air suspension on rear axle and steering rear added axle

that can be lifted with single wheels

FP = $4x^2 - 6x^4 - 6x^2P - 6x^2C$ vehicles with front and rear air suspensions

FS = 6x2P vehicles with front and rear air suspensions, steering rear added axle

can be lifted with single wheels

4x2 = Vehicles with two axles with rear driving axle

6x2P = Vehicles with three axles with rear driving axle and rear added third axle that

6x2C = Vehicles with three axles with rear driving axle and central added third axle

that cannot be lifted

6x4 = Vehicles with three axles with two rear driving axles (in tandem)

CM = Movable Boxes

GV = High Volumes

HC = High Cube

HM = Heavy Mission

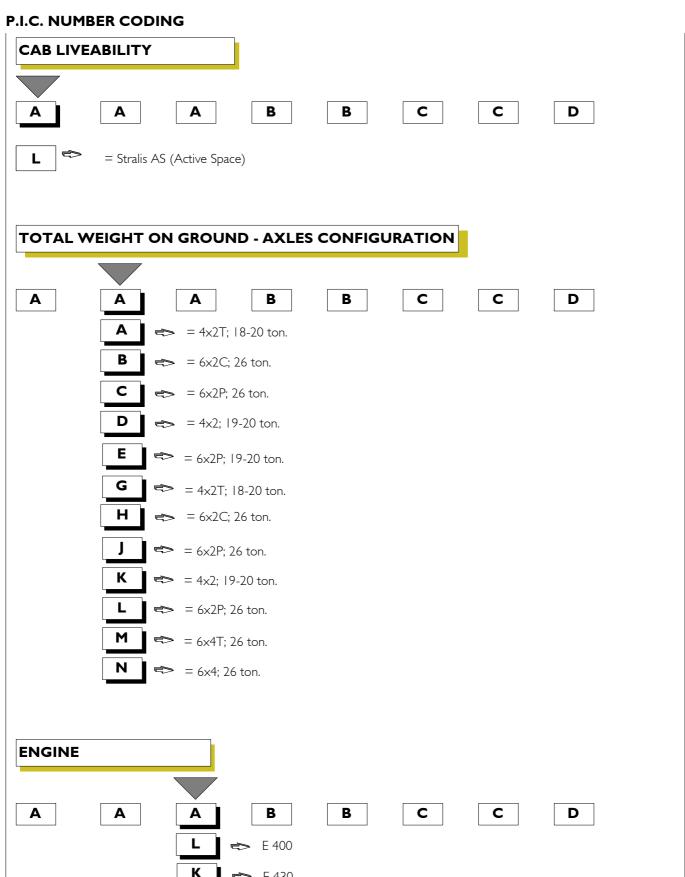
LT = Tractor with lowered chassis frame

CT = Chassis cab with lowered chassis frame

RR = Rough Roads

10 GENERAL STRALIS

GENERAL 10/1 STRALIS



K **₹** E 430 Ν E 440 P E 480 R **€** E 540

