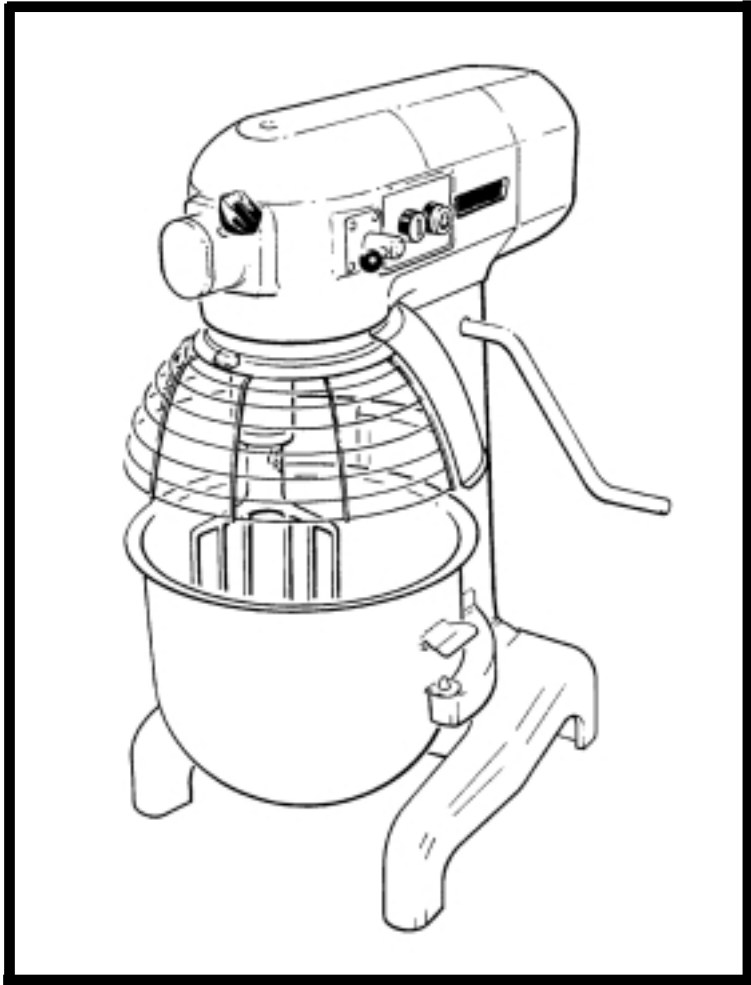


HOBART



A 200 N

Catalogue of Replacement Parts Catalogue de Pieces de Rechange Ersatzteilkatalog



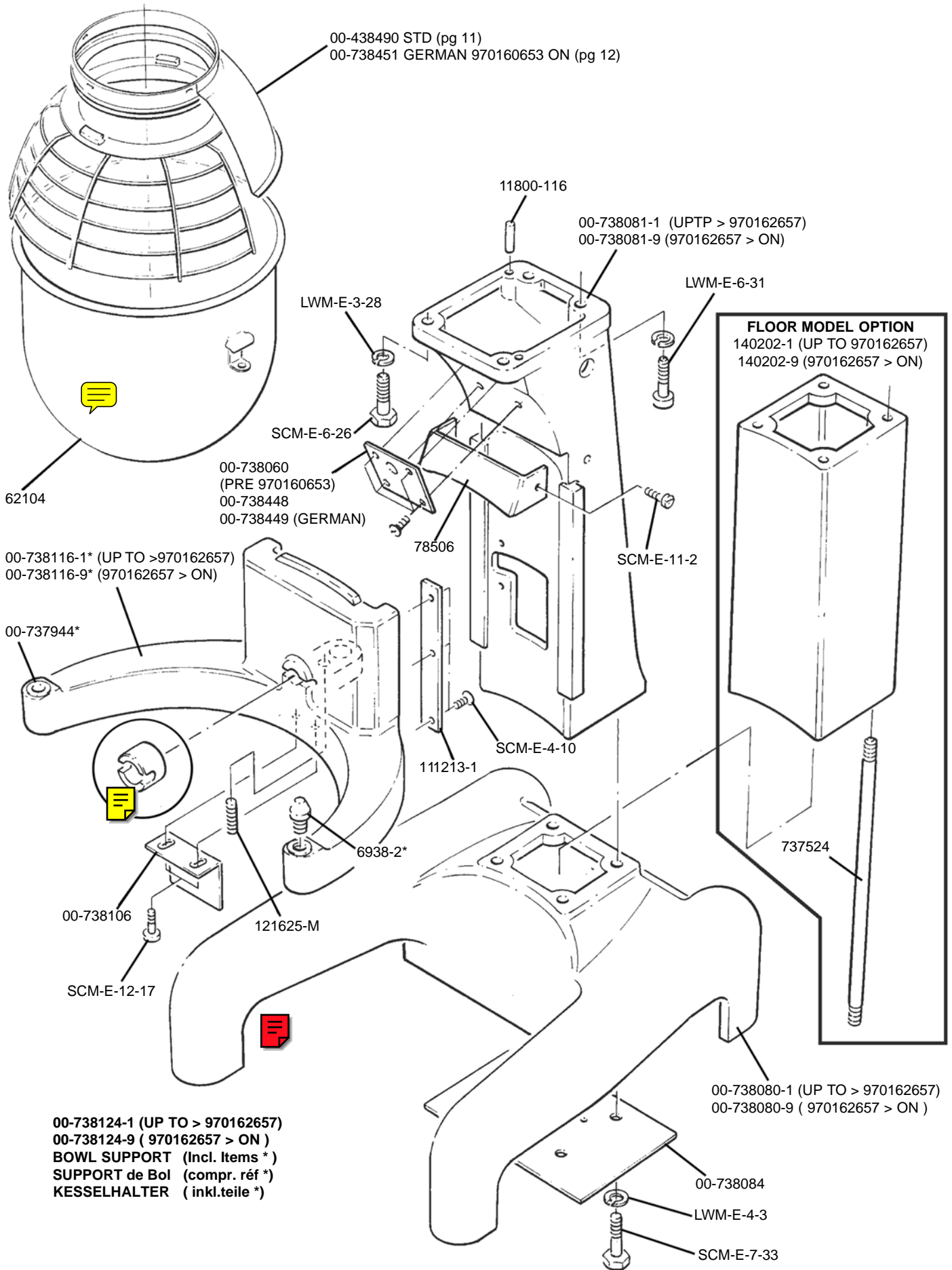
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FROM SERIAL
970221028

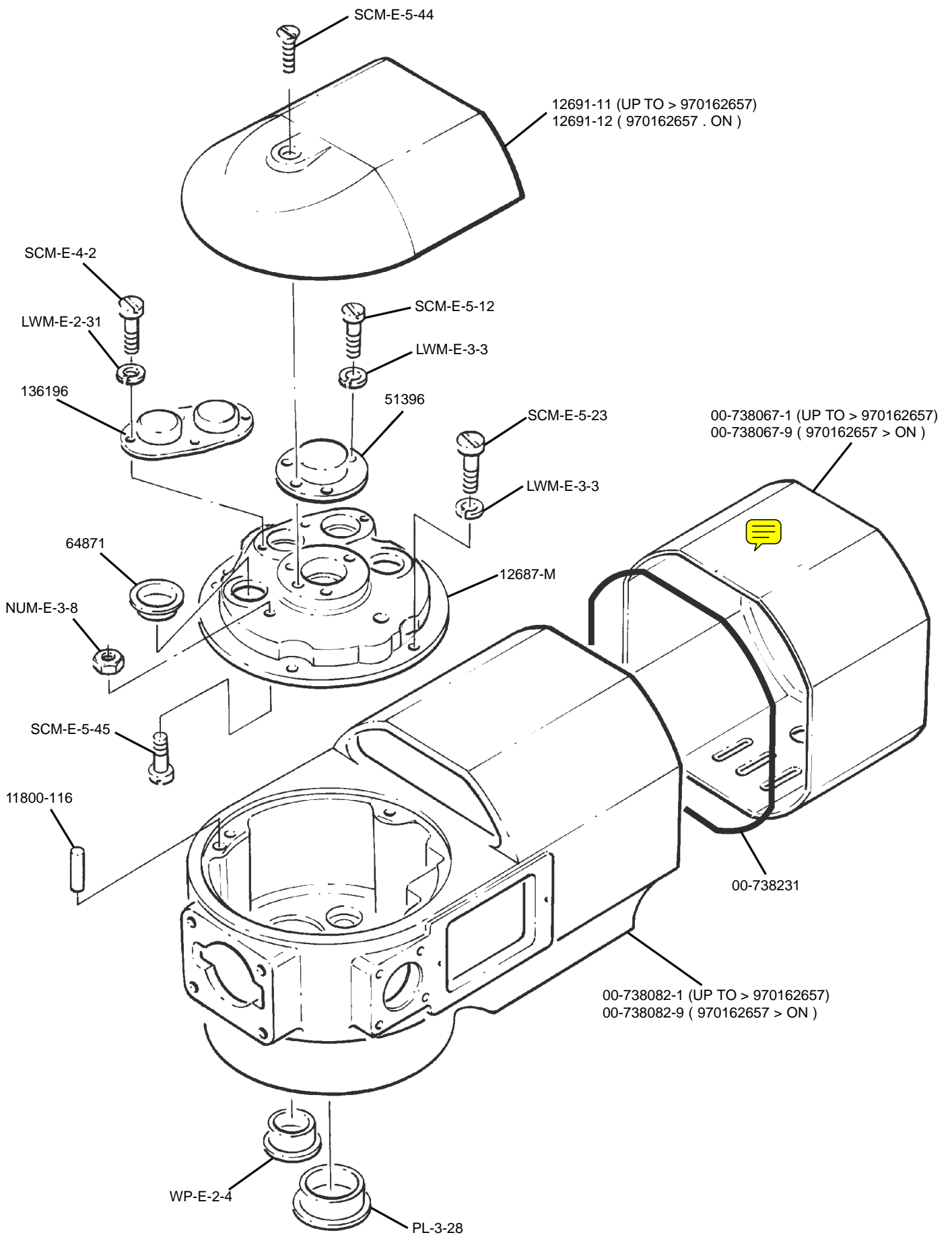


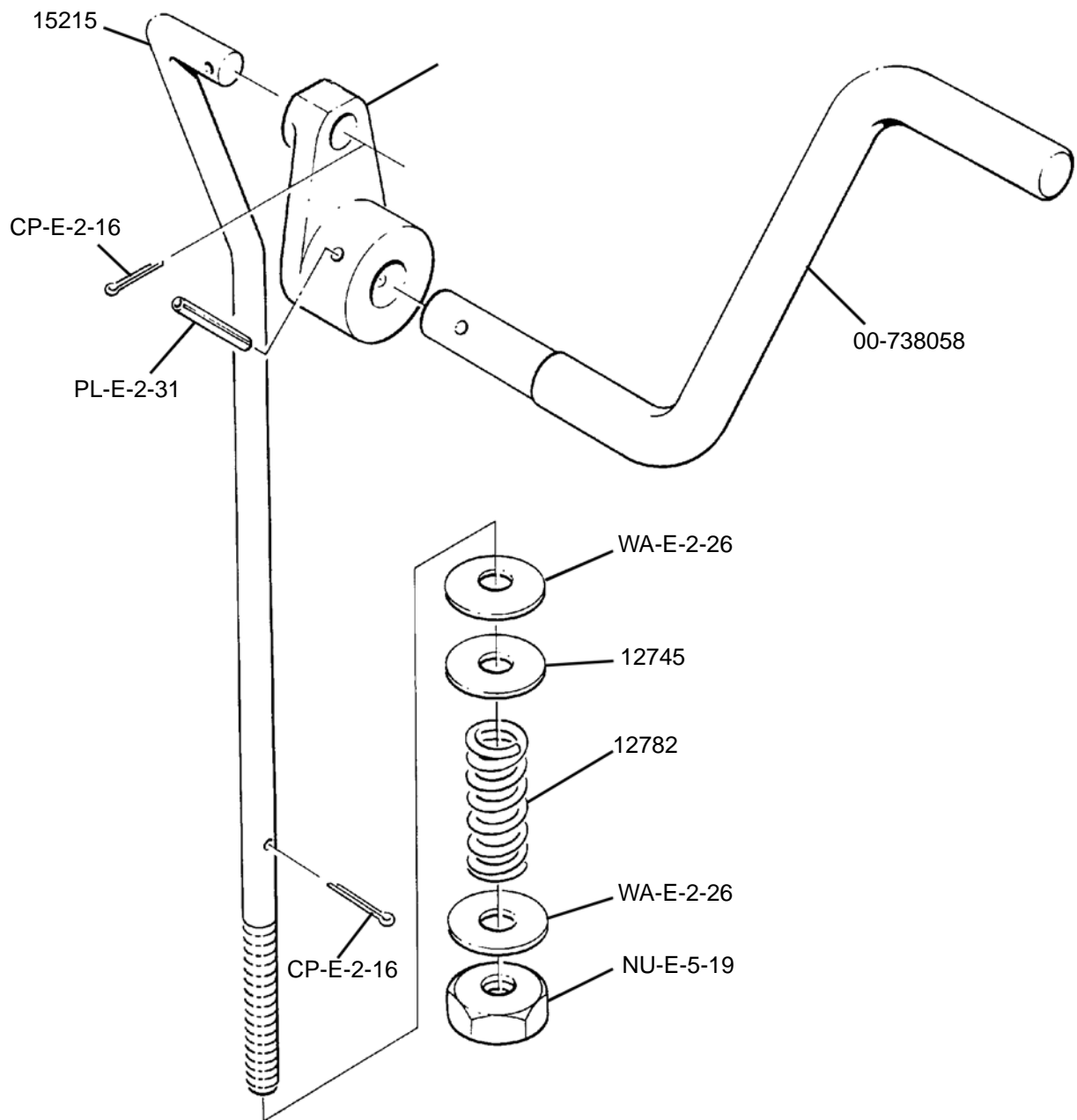
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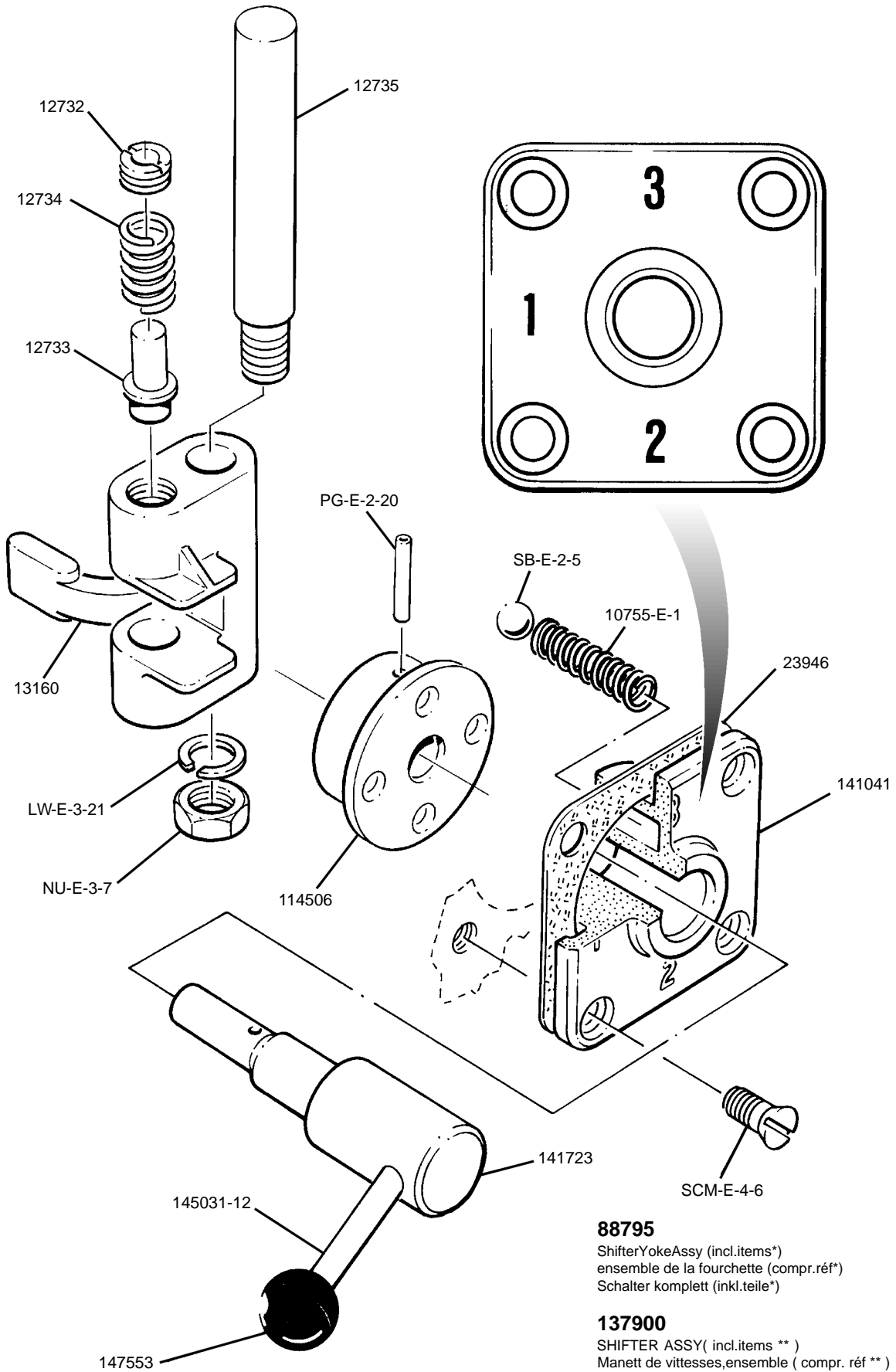
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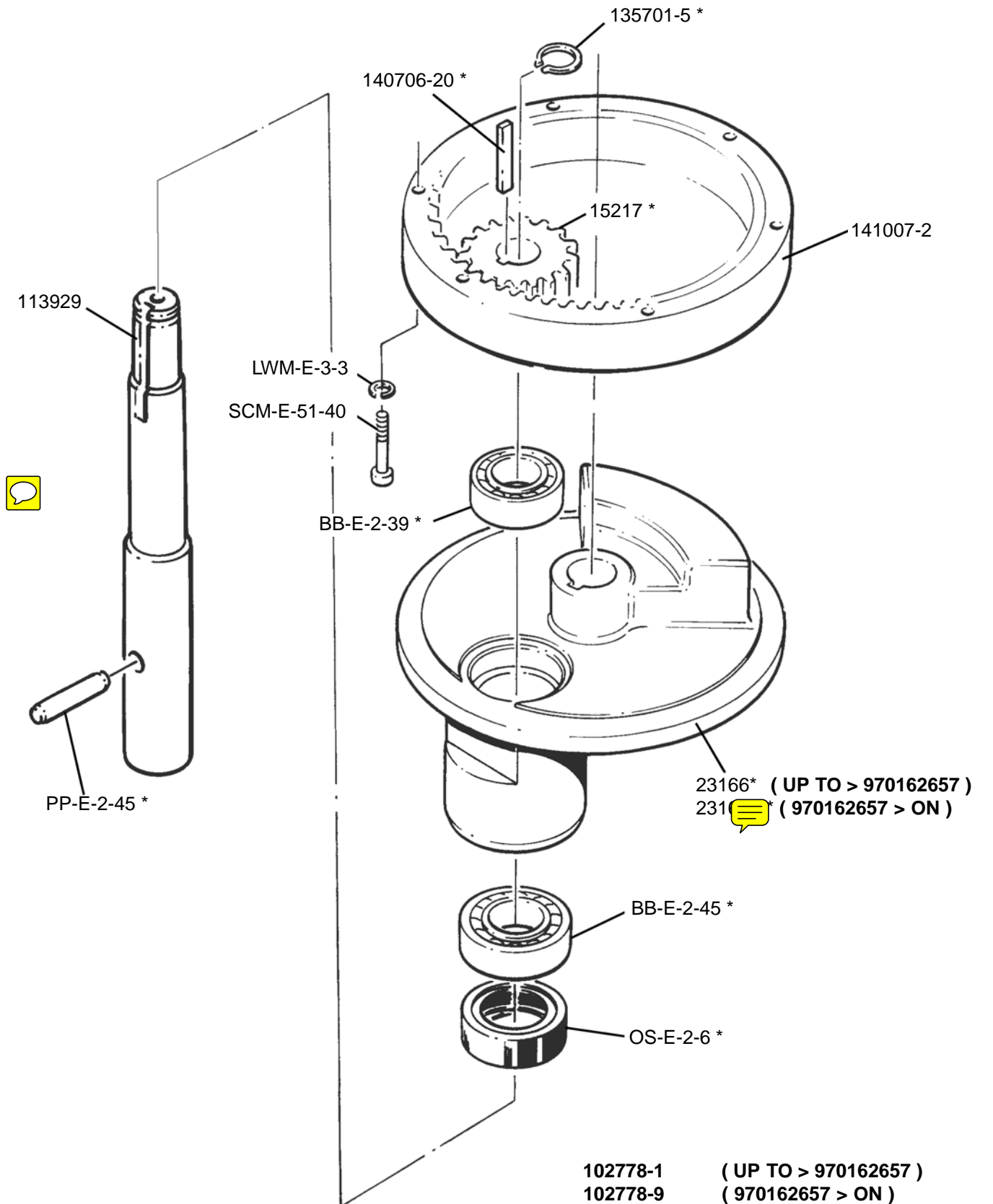




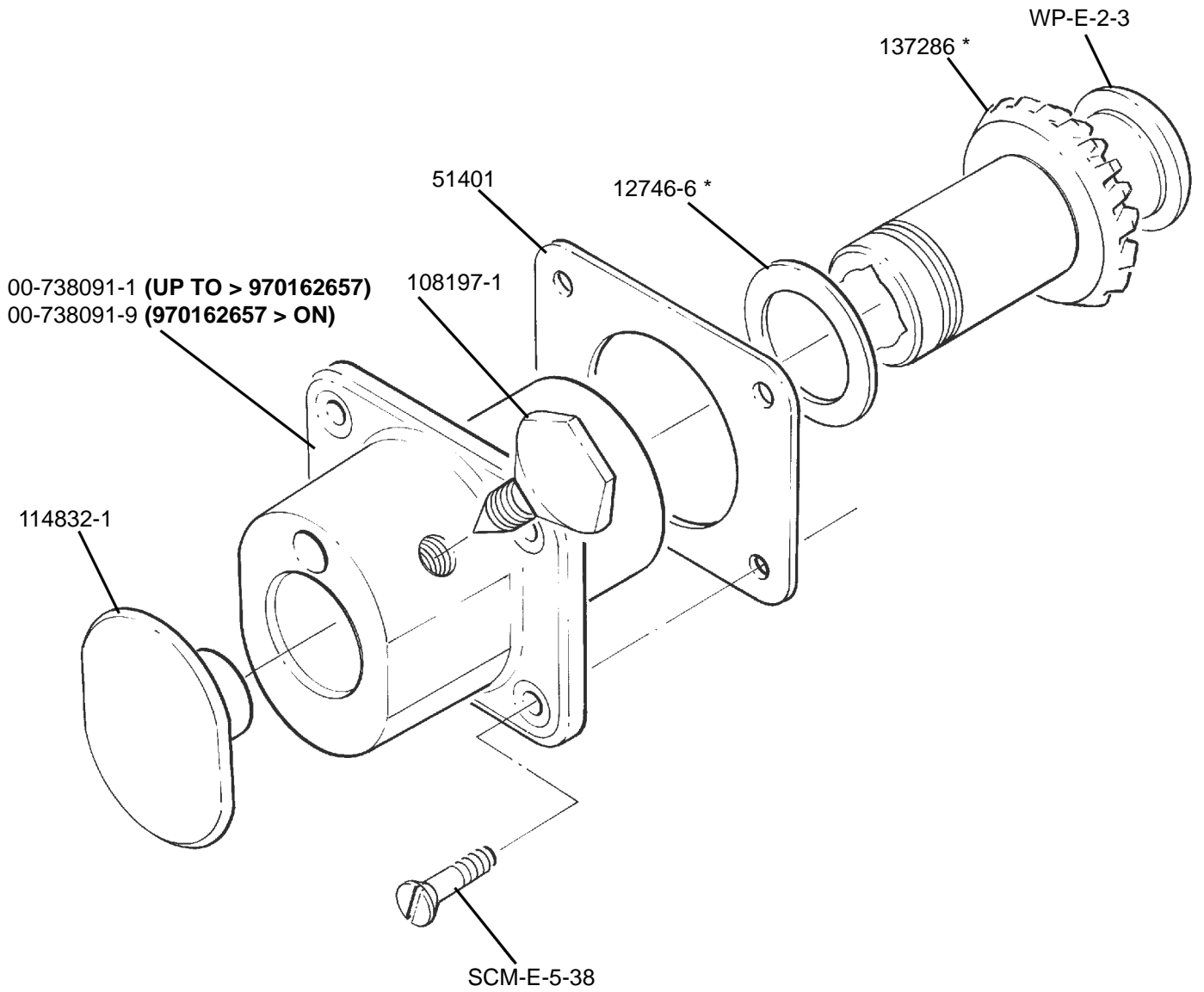
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 ensemble de la fourchette (compr.réf*)
 Schalter komplett (inkl.teile*)

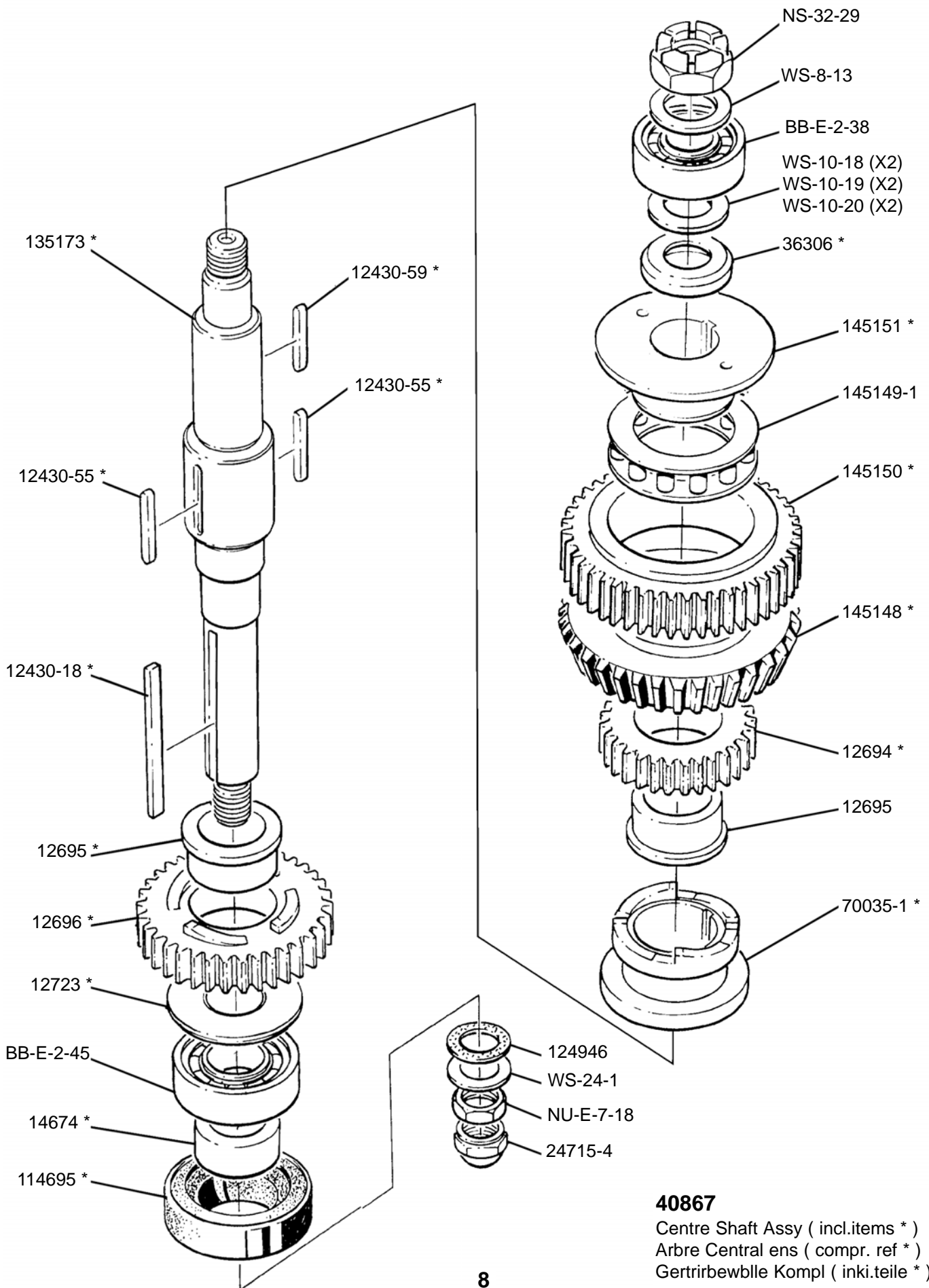
137900
 SHIFTER ASSY(incl.items **)
 Manett de vitesses,ensemble (compr. réf **)
 Schaltermechanismus (inkl.teile **)

799999-10
 SHIFTER ASSY(SWISS ONLY) (incl.items **)
 Manett de vitesses,ensemble(Suisse seul.) (compr. réf **)
 Schaltermechanismus (nur Schweiz) (inkl.teile **)



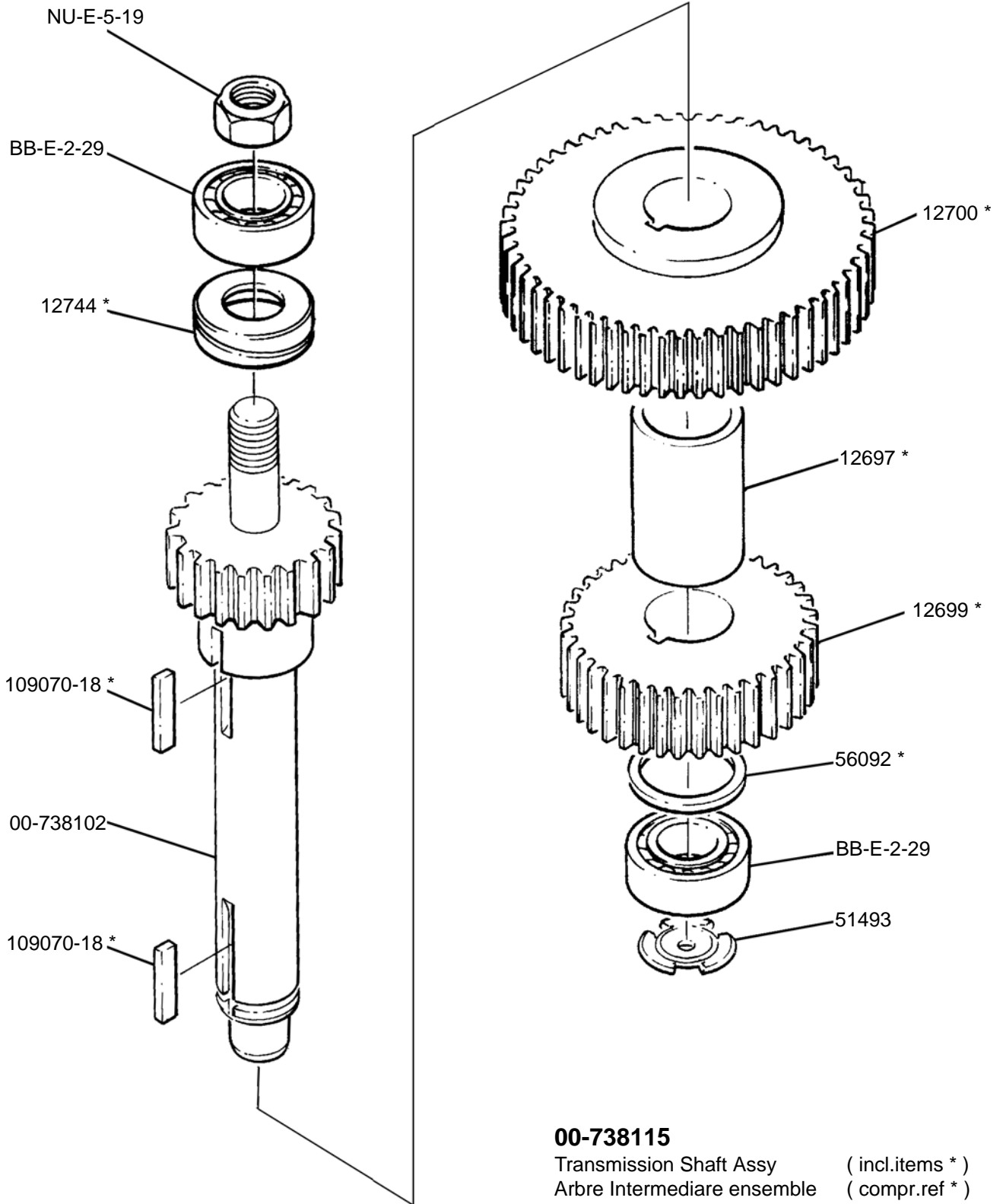
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102778-9 (970162657 > ON)
 Planetary, Assembly (incl. items *)
 Planétaire, ensemble (compr. fef *)
 Planetengetriebe, komplett (inkl. teile *)





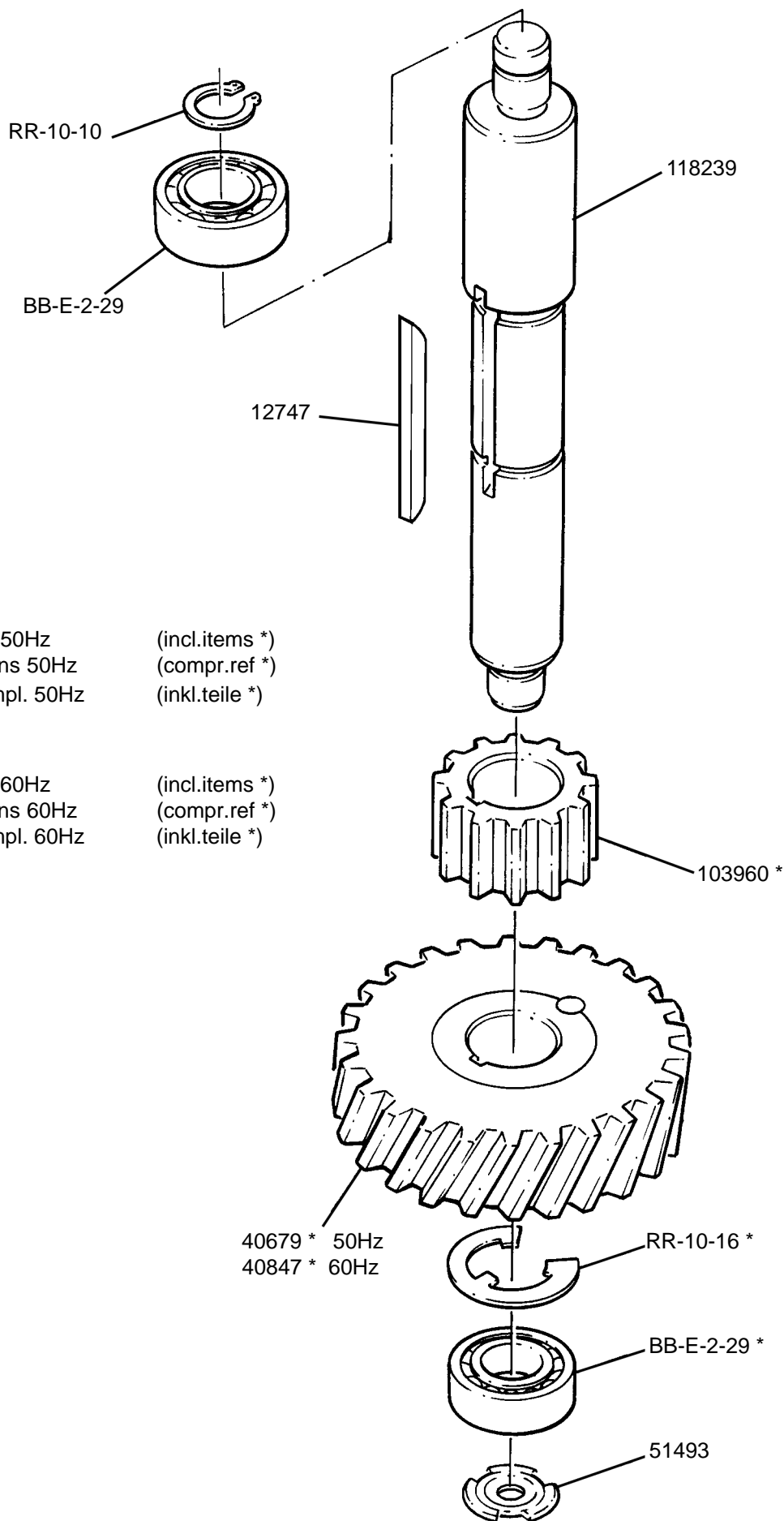
40867

Centre Shaft Assy (incl.items *)
Arbre Central ens (compr. ref *)
Getriebewelle Kompl (inki.teile *)



00-738115

Transmission Shaft Assy (incl.items *)
Arbre Intermediaire ensemble (compr.ref *)
Antriebwelle komplett (inkl.teile *)



136157-1

Worm Gear Shaft Assy, 50Hz
 Arbre roue hélicoïdale ens 50Hz
 Schneckenradwelle Kompl. 50Hz

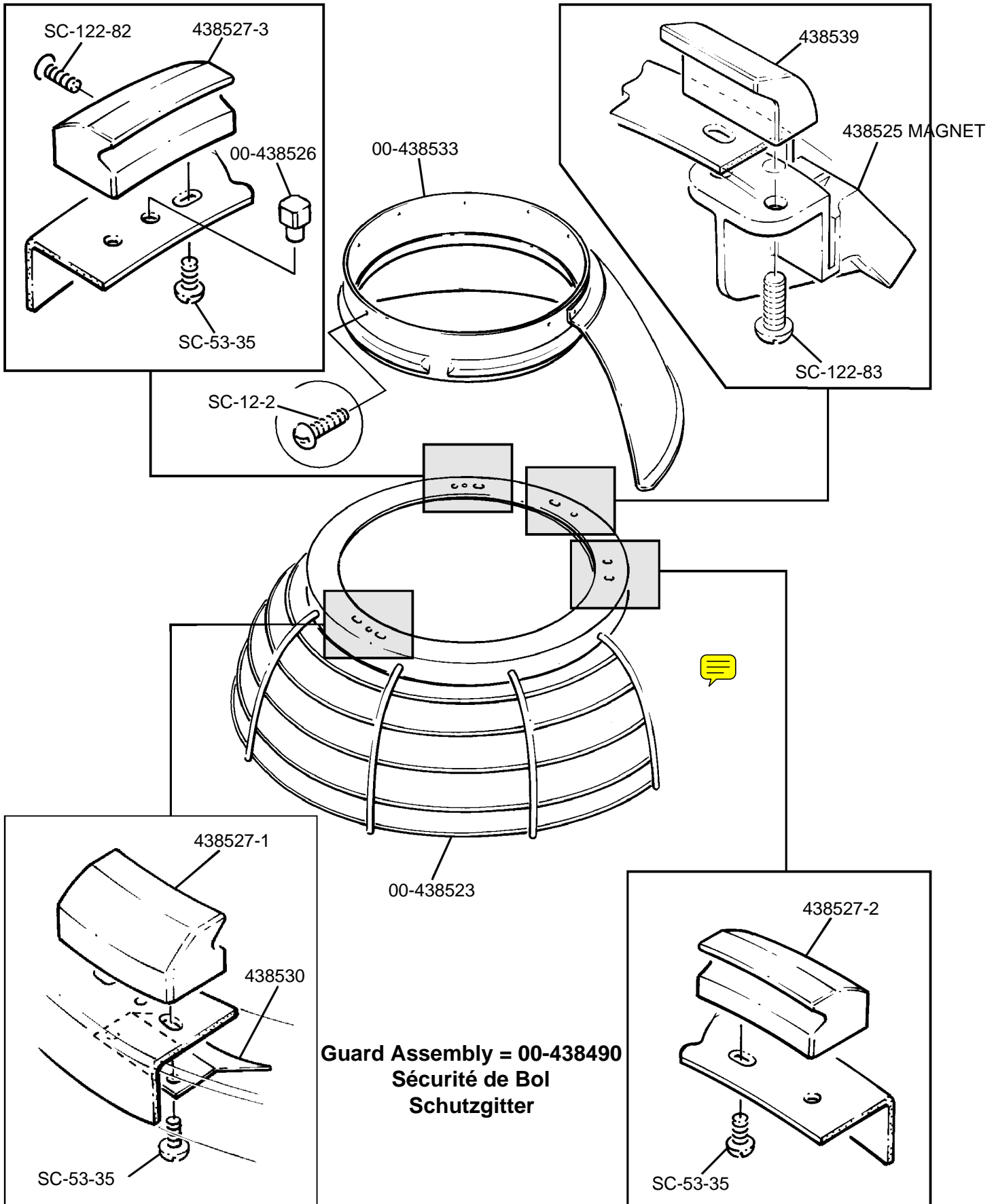
(incl.items *)
 (compr.ref *)
 (inkl.teile *)

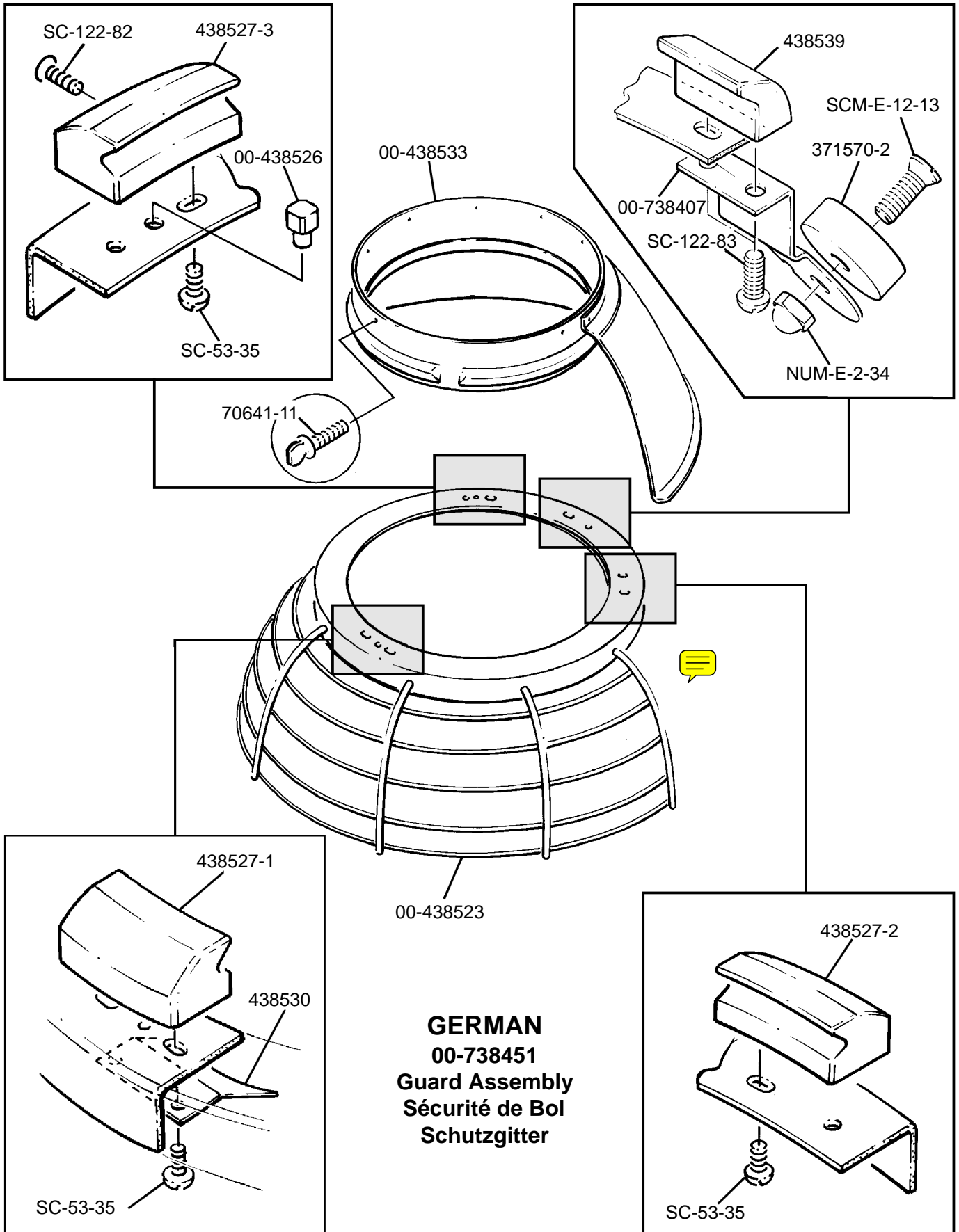
136157-2

Worm Gear Shaft Assy, 60Hz
 Arbre roue hélicoïdale ens 60Hz
 Schneckenradwelle Kompl. 60Hz

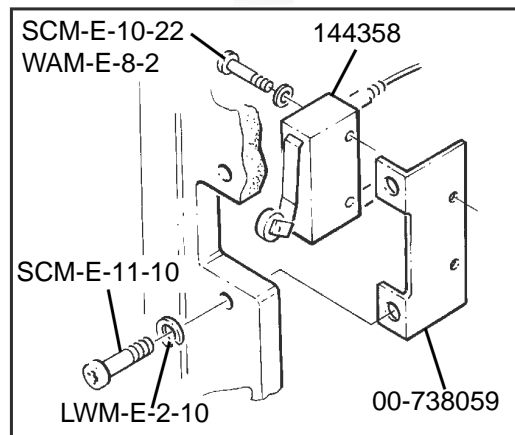
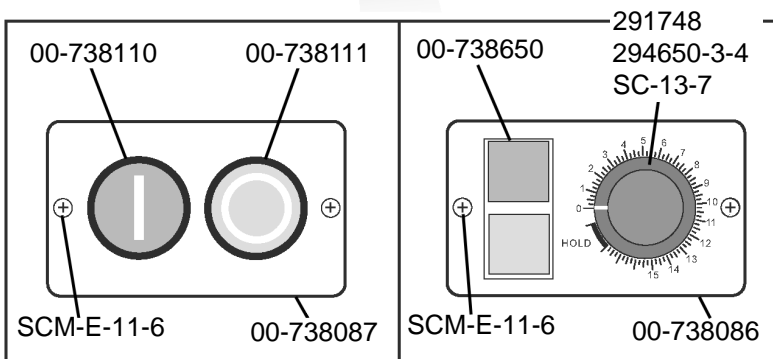
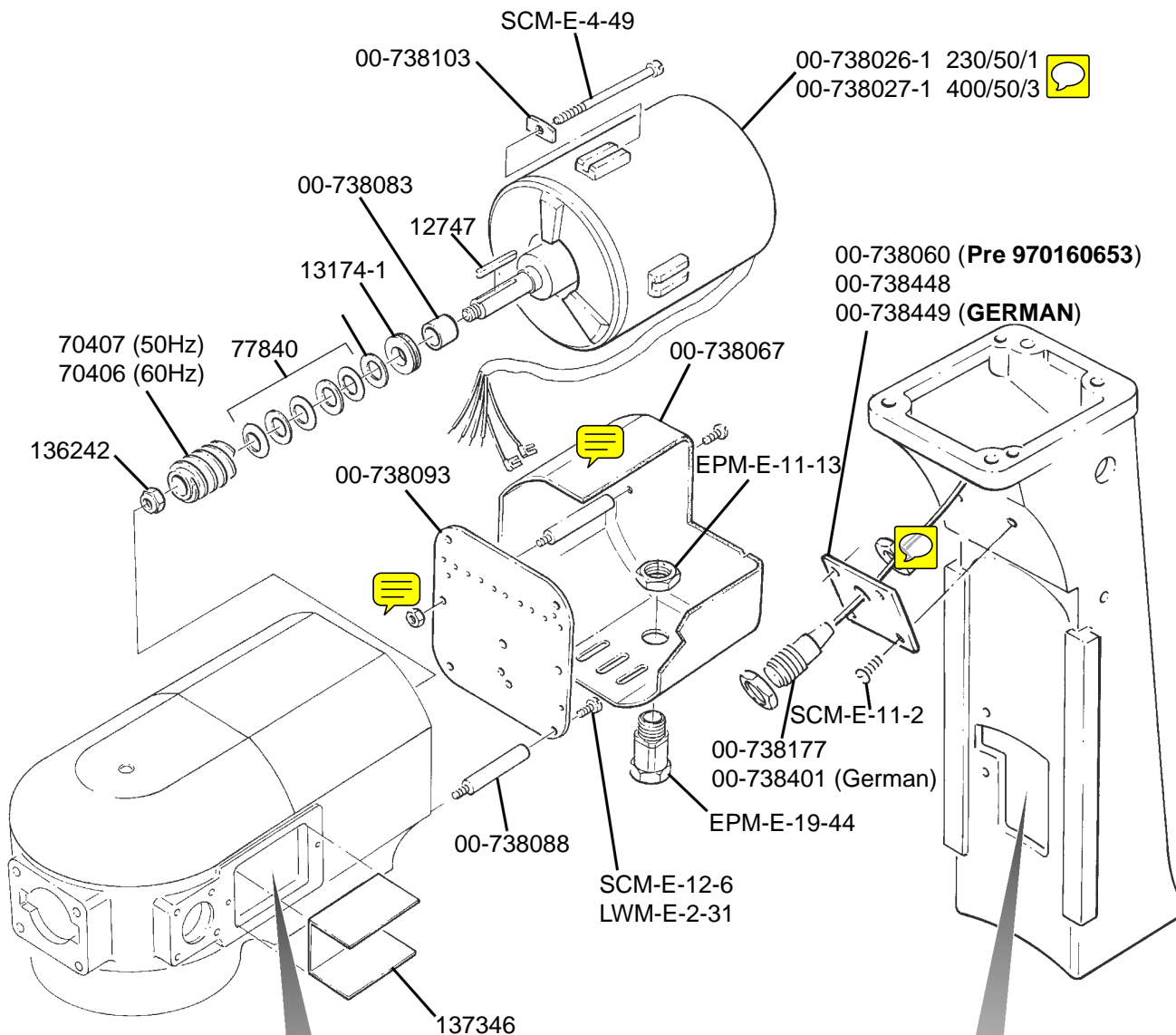
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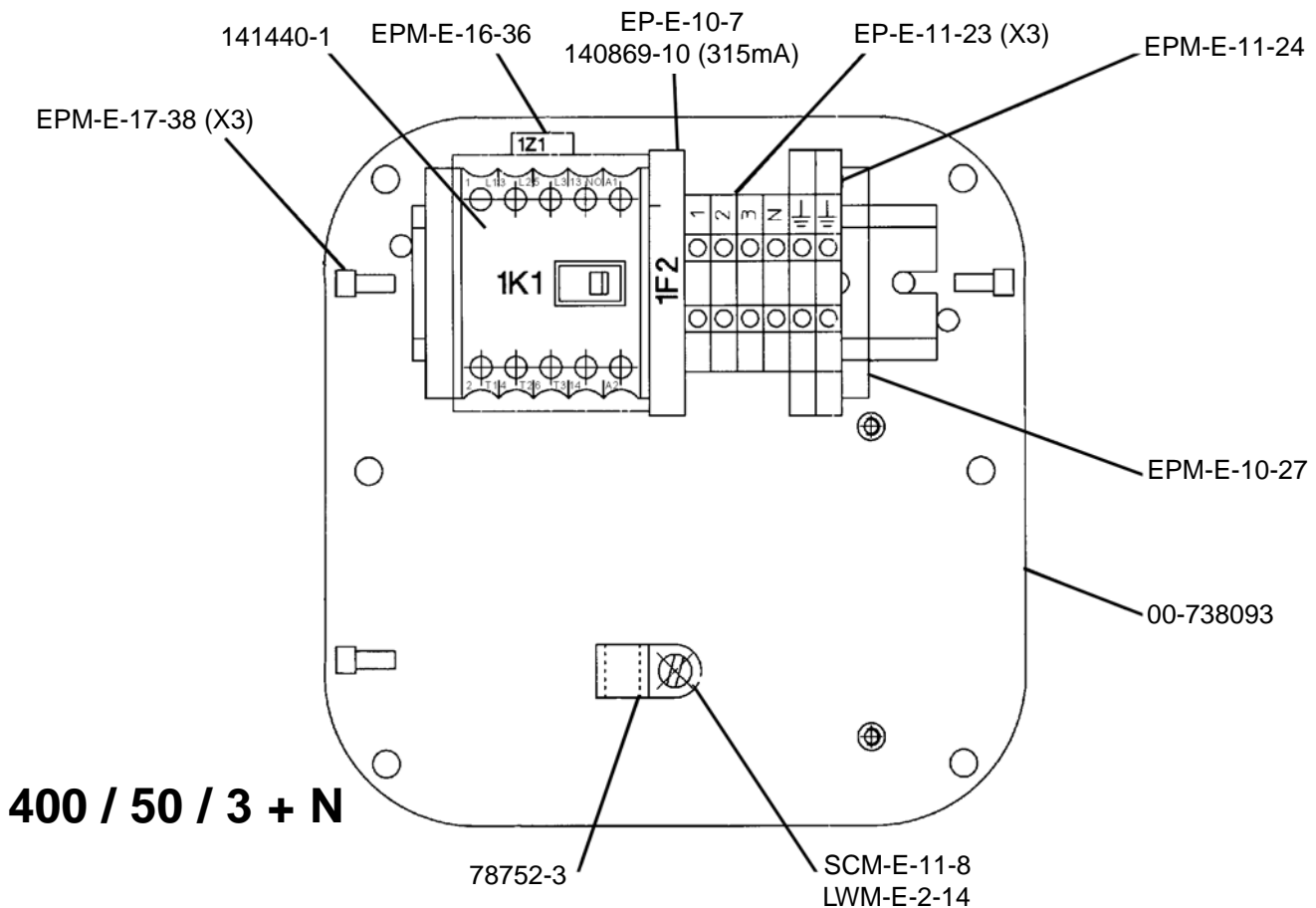
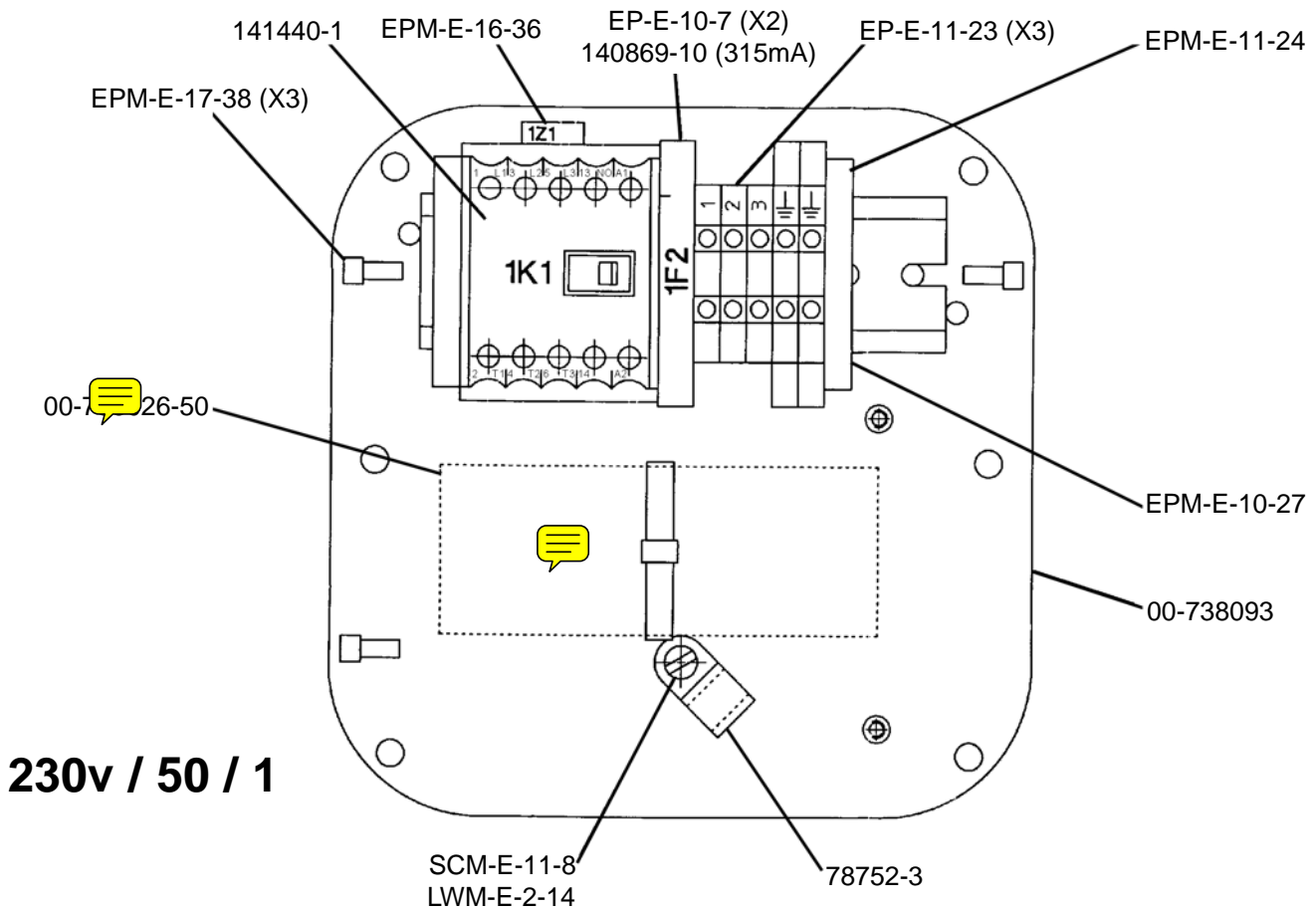
40679 * 50Hz
 40847 * 60Hz





GERMAN
00-738451
Guard Assembly
Sécurité de Bol
Schutzgitter

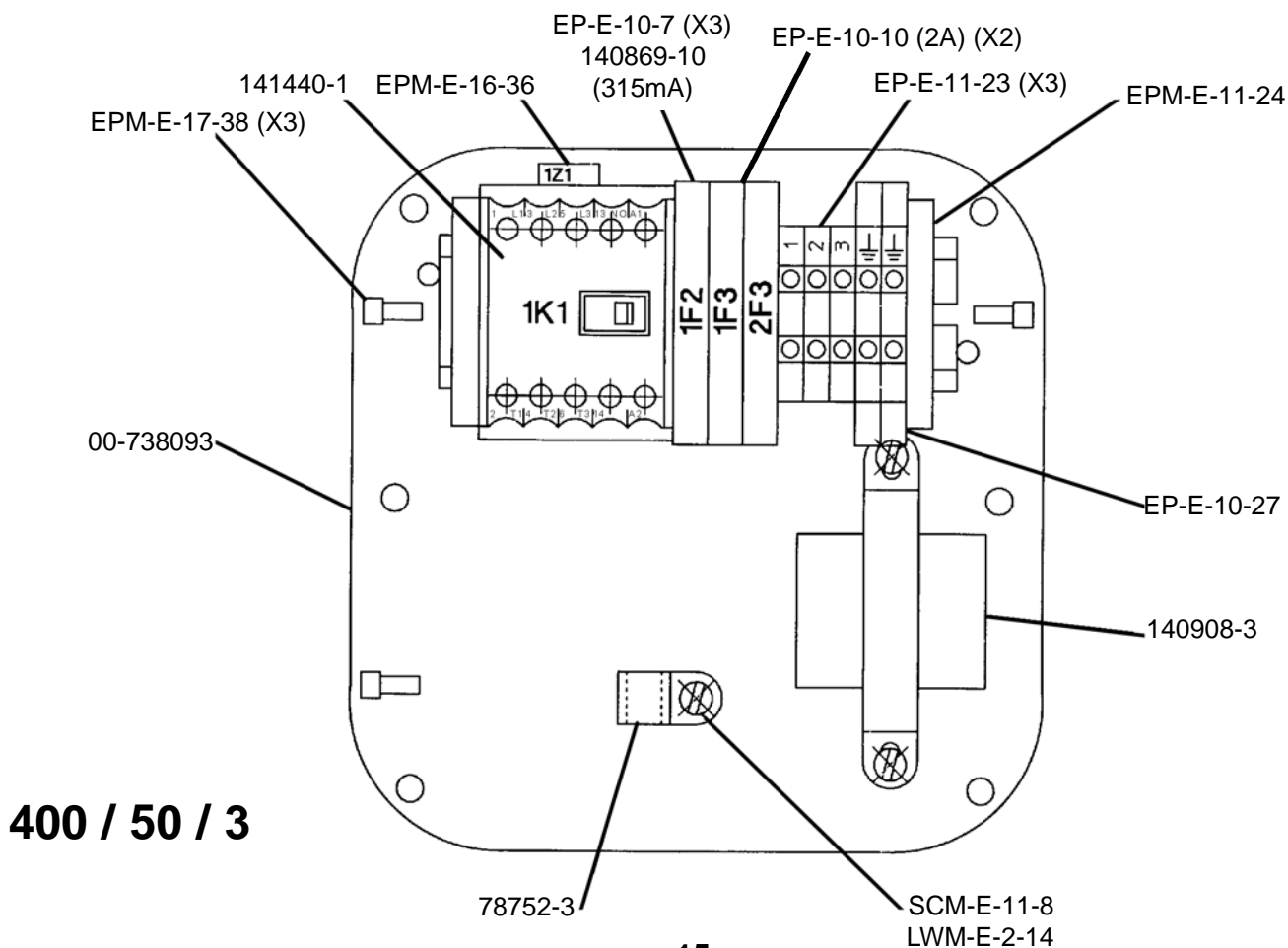
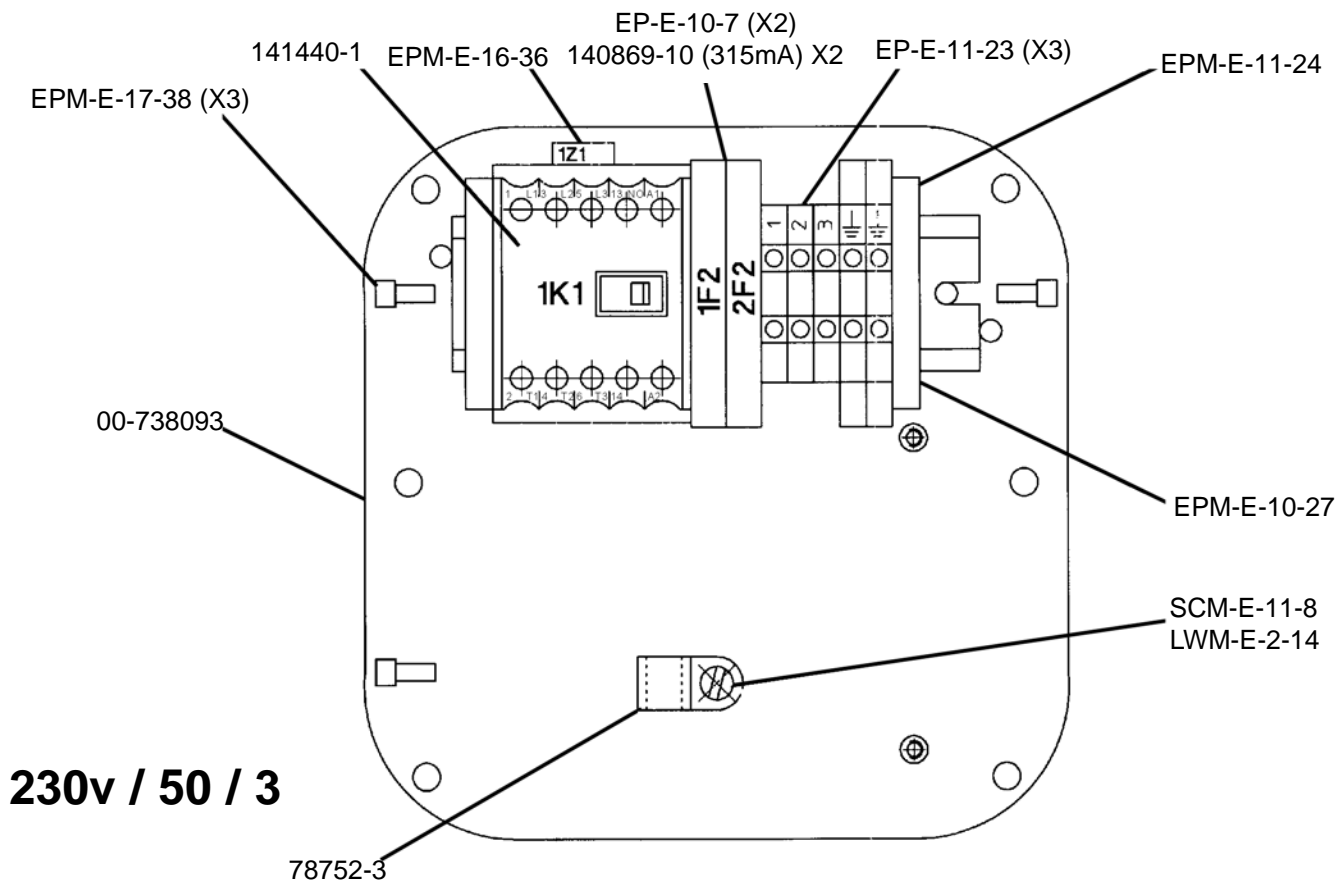


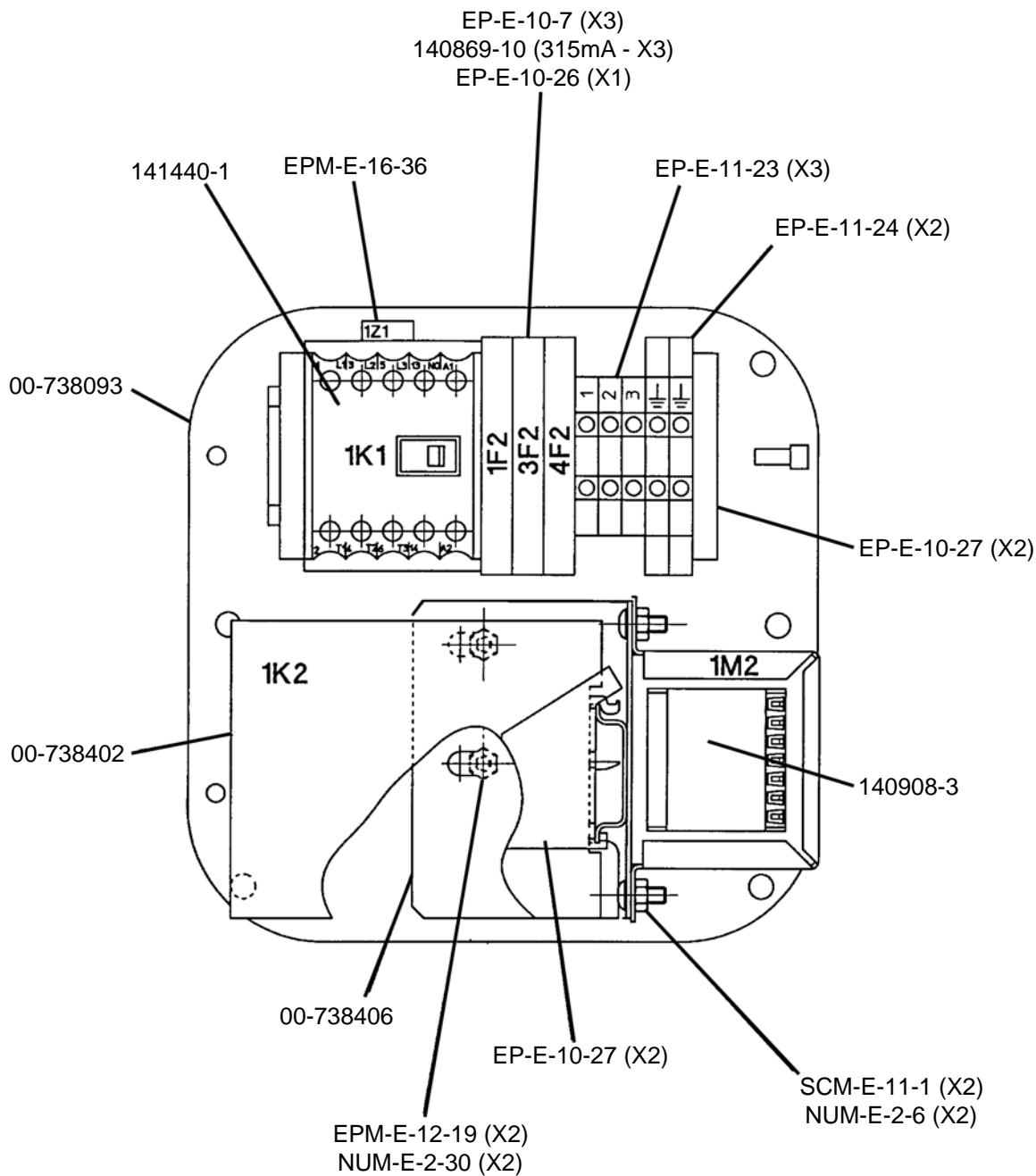




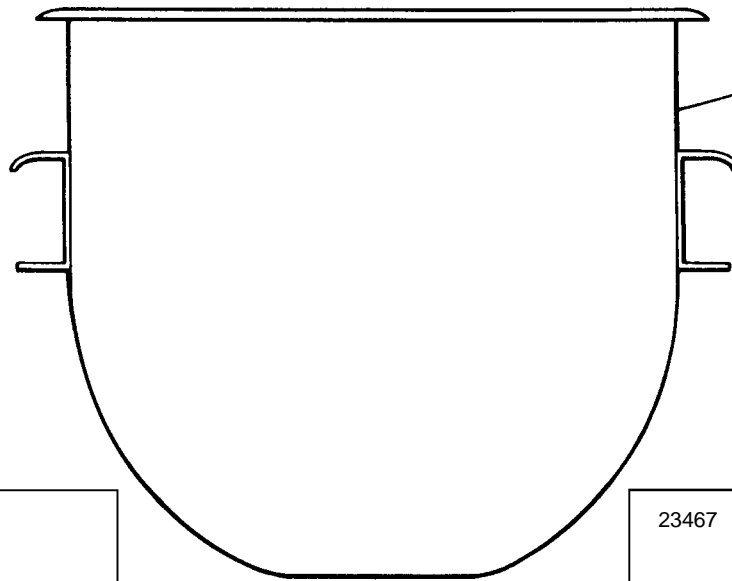
Electrical Parts (230v/50/3 & 400/50/3)
Auxilliaires Électriques
Electrolteile

A200N



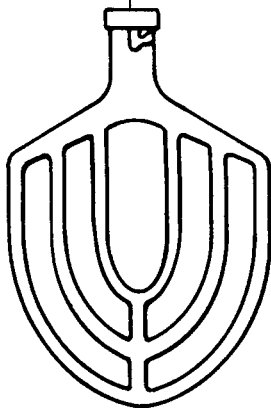


400/50/3 (GERMAN)

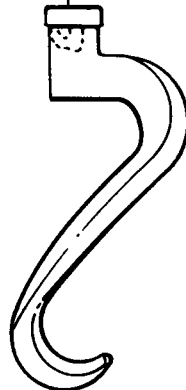


62104 20qt
00-738450 10qt

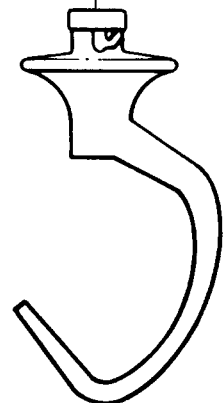
23126	20qt A20B (Ali) 20l A20B (Ali)
24822	20qt A20B (s.stl./inox/CrNi) 20l A20B (s.stl./inox/CrNi)
136915	10qt A10B (Ali) 10l A10B (Ali)



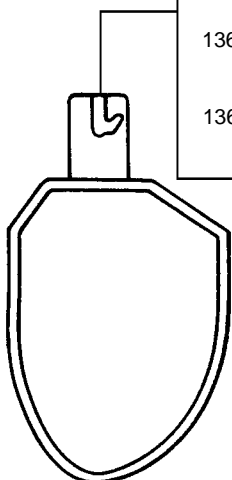
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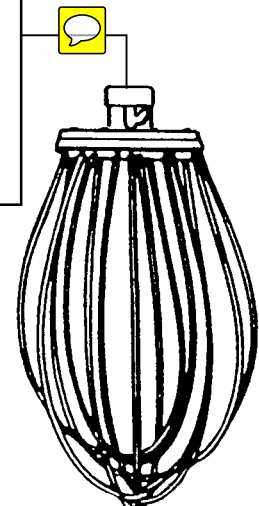
23467	20qt A20E 20l A20E
53692	20qt A20E(s.stl./inox/CrNi) 20l A20E (s.stl./inox/CrNi)
136912	10qt A10E 10l A 10E



74286	20qt A20PK 20l A20PK
137555	20qt A20PK (s.stl./inox/CrNi) 20l A20PK (s.stl./inox/CrNi)
136914-1	10qt A10PK 10l A10PK
136914-2	10qt A10PK (s.stl./inox/CrNi) 10l A10PK (s.stl./inox/CrNi)



23511-M	20qt A20D 20l A20D
140249	10qt A10D 10l A10D
146010	20qt A20DG 20l A20DG





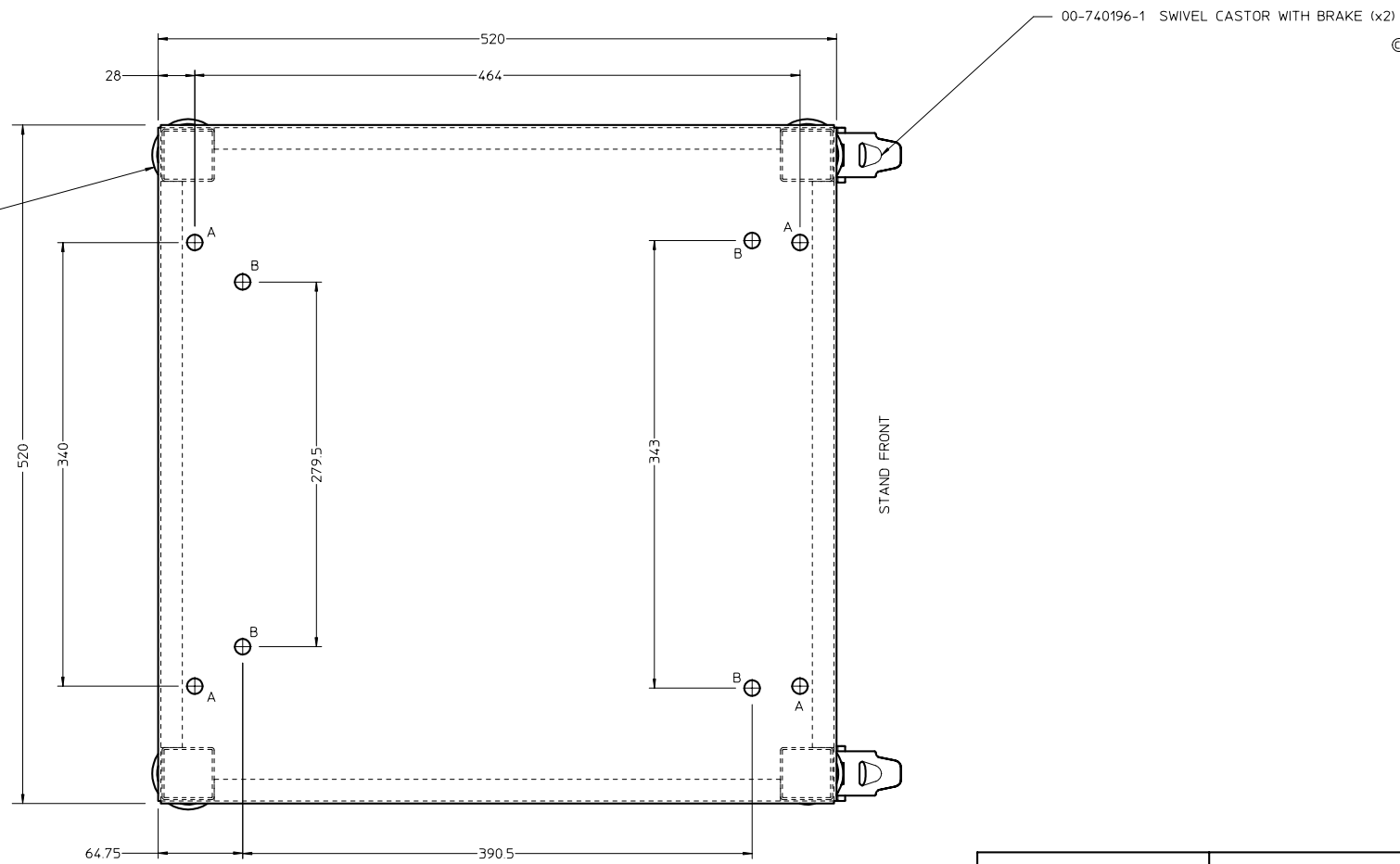
143267 Static Stand (as above)

143268 Stand (with castors)



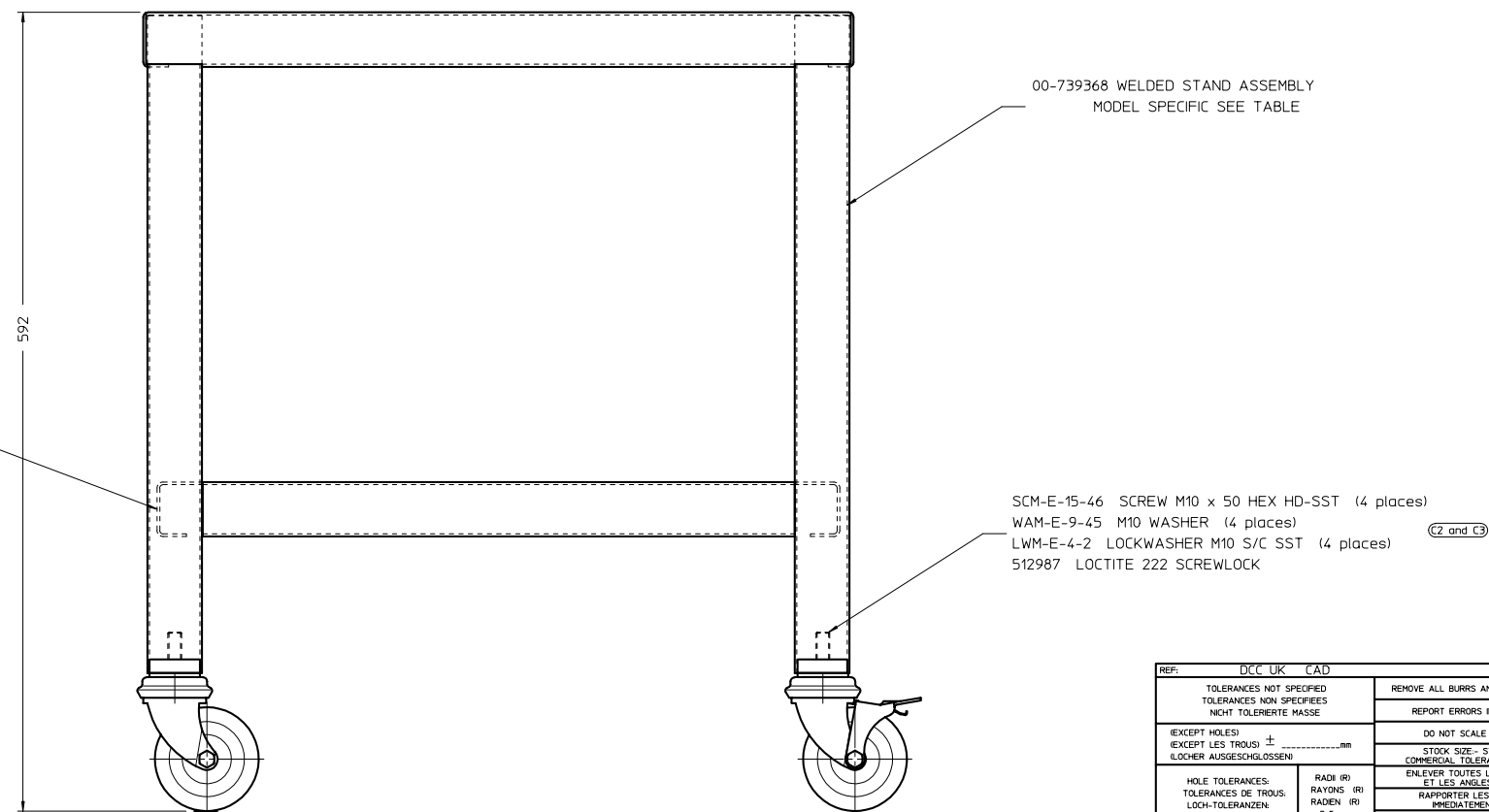
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2	1	A	RELEASED FOR DEVELOPMENT	7.11.06	
		B	RELEASED TO PRODUCTION	03.01.08	EU7994
		C1	CASTORS WERE 143576-1 AND 2	19.10.10	EU 8455
		C2	SCREWS WERE SCM-E-15-13		
		C3	WAM-E-9-45 AND 512987 ADDED		



NOTE :-
 A HOLES ARE OMITTED ON THE A120/200 STAND
 B HOLES ARE OMITTED ON THE HSM 20 STAND

PART No	WELDED STAND	MODEL
00-739367-1	00-739368-3	A200 / 120
00-739367-2	00-739368-4	HSM 20



EQUIPOTENTIAL EARTH BONDING:-
 NUM-E-3-16 M6 NUTSERT
 SCM-E-13-12 M6 HEX HEAD SCREW
 WAM-E-8-5 (x2) M6 WASHER

PARTS TO BE INCLUDED WITH STAND (ref only)

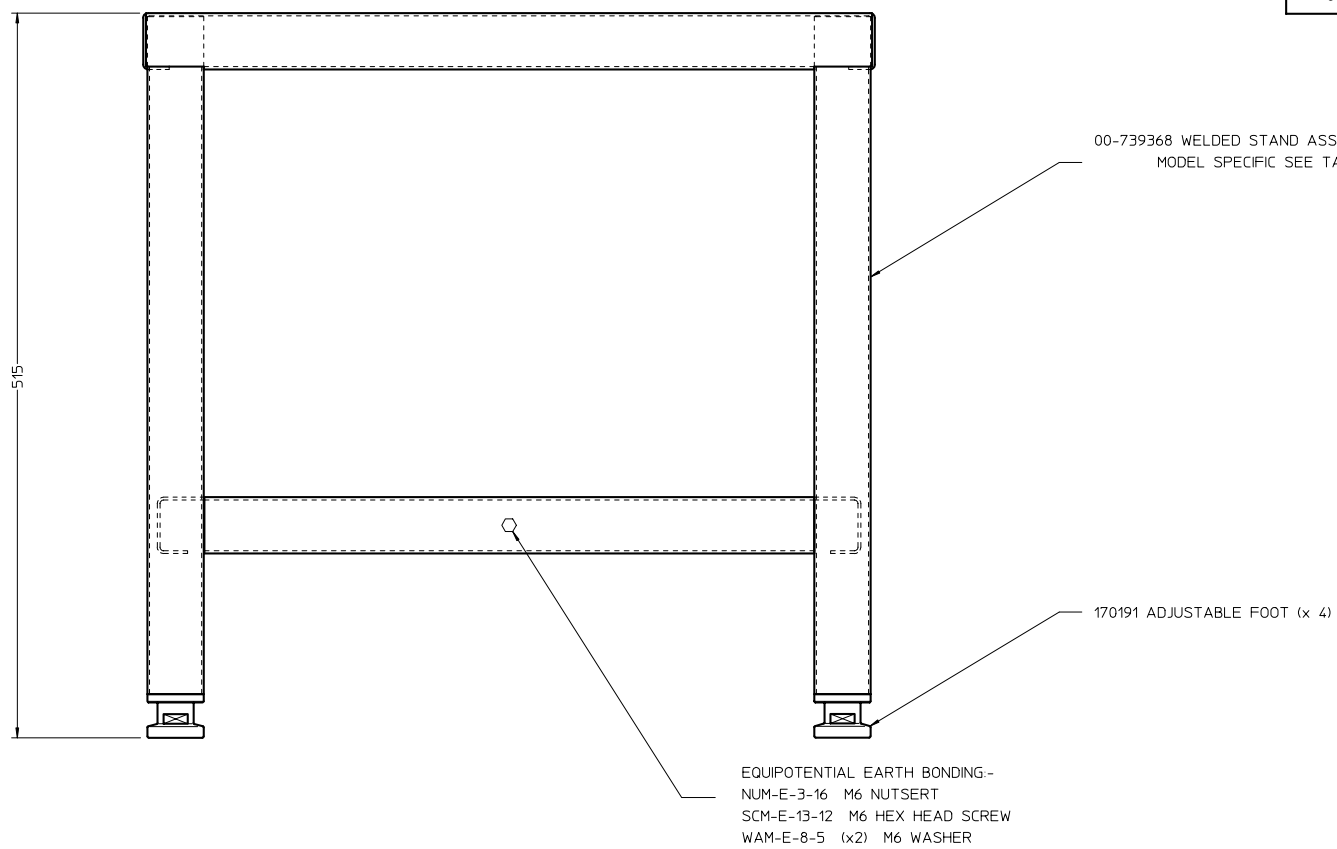
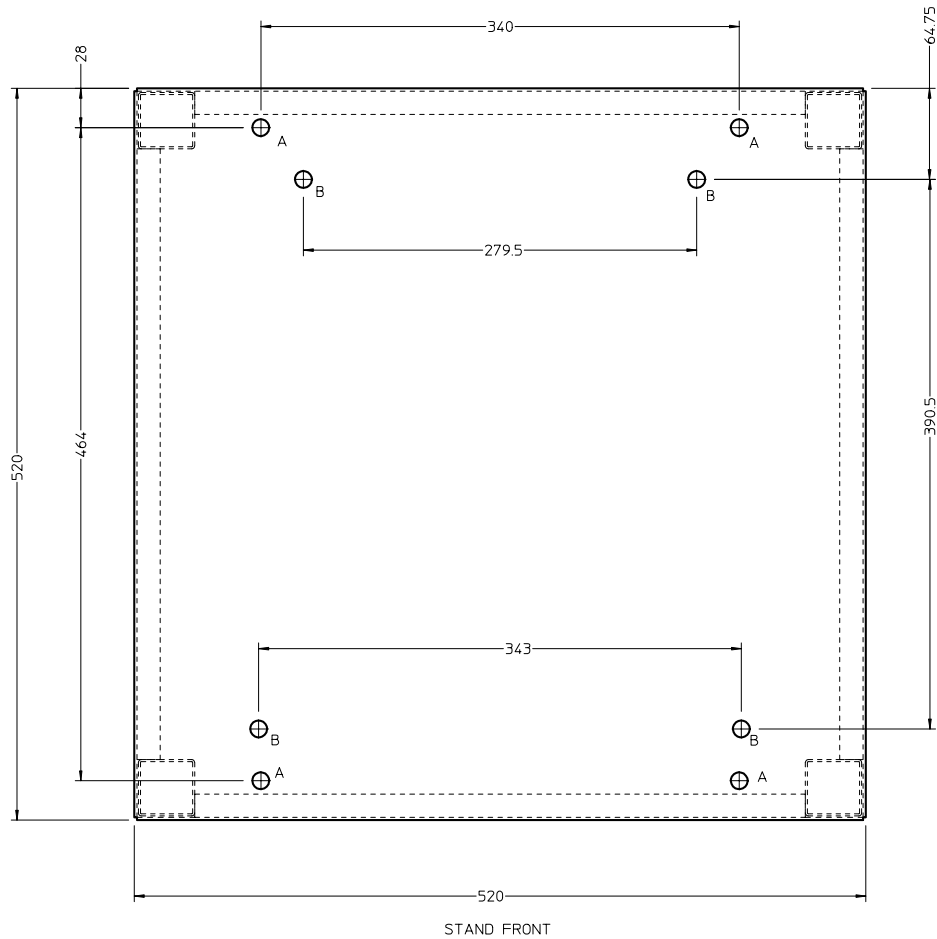
WAM-E-8-34	WASHER-8.4MM X 17MM X 1MM-SST	4off
SU-E-8-48	LINEN BAG	1off
SCM-E-14-15	M.8 x 20 HEX HD SCREW	4off
LWM-E-3-27	M.8 LOCKWASHER	4off

REF:	DCC UK CAD	MATERIAL
TOLERANCES NOT SPECIFIED TOLERANCES NON SPECIFIEES NICHT TOLERIERTE MASSE	REMOVE ALL BURRS AND SHARP EDGES REPORT ERRORS IMMEDIATELY	SEE DRAWING
(EXCEPT HOLES) (EXCEPT LES TROUS) (LOCHER AUSGESCHLOSSEN)	DO NOT SCALE DRAWING STOCK SIZE - STANDARD COMMERCIAL TOLERANCES APPLY	FINISH CLEAN
HOLE TOLERANCES: TOLERANCES DE TROUS: LOCH-TOLERANZEN:	RADI (R) RAYONS (R) RADEN (R) 3-5mm	ENLEVER TOUTES LES BAVURES ET LES ANGES VFS RAPPORTER LES ERREURS IMMEDIATEMENT NE PAS PRENDRE DES COTES LECHELLE
0 - 3 (+0.08/-0.03) 3 - 4 (+0.10/-0.05) 4 - 6 (+0.13/-0.05) 6 - 16 (+0.25/-0.05)	ANGLES WINKEL +1°	SUREPASSEURS-APPLIQUER LES TOLERANCES STD. DU COMMERCE ALLE KANTEN ENTGRATEN
CHAMFERS (C) CHANFREN (C) 0.5-1 x 45°-50° FASEN (C)	FEHLER SOFORT MELDEN	FEHLER SOFORT MELDEN
	NICHT MASSTÄBLICH ROHMATERIAL-NORM TOLERANZEN VERWENDEN	

ADD. ADDRESS	REMOVE SUPPLIER ENTRENEN	WAS. ETAT. WAR
PART NAME: STAND - MOBILE		
DESIGNATION:		
REVENING:		
A200 / NCM20	PAT./MOLD NO.:	
	MODELE:	
	MODELL NR.:	
ASM	7/11/06	1:2
CNK	02.01.08	1 1
HOBART		E- 00-739367

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 DAS LICHRECHT AN DIESER ZEICHNUNG VERBIET BEI DER HOBART CORPORATION ODER EINER IHRER TOCHTERGESSELLSCHAFTEN, JEDE NICHT VON UNS SCHRIFTLICH GENEHMIGTE BENUTZUNG, VERVIELFALTIGUNG, UBERLASSUNG AN DRITTE USW IST STRAFBAR UND MACHT SCHADENERSATZPFLICHTIG.

NOTE :-
 A HOLES ARE OMITTED ON THE A120/200 STAND
 B HOLES ARE OMITTED ON THE HSM 20 STAND



PART No	WELDED STAND	MODEL
00-739366-1	00-739368-1	A200 / 120
00-739366-2	00-739368-2	HSM 20

PARTS TO BE INCLUDED WITH STAND (ref only)

WAM-E-8-34	WASHER-8.4MM X 17MM X 1MM-SST	4off
SU-E-8-48	LINEN BAG	1off
SCM-E-14-15	M.8 x 20 HEX HD SCREW	4off
LWM-E-3-27	M.8 LOCKWASHER	4off

REF.	DCC	UK	CAD	MATERIAL
TOLERANCES NOT SPECIFIED TOLERANCES NON SPECIFIEES NICHT TOLERIERTE MASSE				REMOVE ALL BURRS AND SHARP EDGES REPORT ERRORS IMMEDIATELY DO NOT SCALE DRAWING
(EXCEPT HOLES) (EXCEPT LES TROUS) KLOCHER AUSGESCHLOSSEN				STOCK SIZE - STANDARD COMMERCIAL TOLERANCES APPLY
HOLE TOLERANCES: TOLERANCES DE TROUS: LOCH-TOLERANZEN:				ENLEVER TOUTES LES BAVURES ET LES ANGES VIFS RAPPORTER LES ERREURS IMMEDIATEMENT NE PAS PRENDRE DES COTES LECHELLE
0 - 3	+0.08/-0.03		RADII (R) RAYONS (R) RADEN (R)	SUREPASSEURS-APPLIQUER LES TOLERANCES STD. DU COMMERCE LECHELLE
3 - 4	+0.10/-0.05		ANGLES WINKEL	ALLE KANTEN ENTGRATEN FEHLER SOFORT MELDEN
4 - 6	+0.13/-0.05			NICHT MASSSTÄBLICH ROHMATERIAL-NORM TOLERANZEN VERWENDEN
6 -	+0.25/-0.05			
CHAMFERS (C) CHANFREIN (C) FASEN (C)				
0.5 - 1 x 45° - 50°				

ADD	REMOVE	WAS. ETAT.	WAR
PART NAME: STAND ASSEMBLY - STATIC			
DESIGNATION:			
REVENING:			
NCM20 / A200		PAT./MOLD NO.:	
ASM		MODELL NR.:	
19.10.06		1:2	
CNK		02.01.08	
1		1	
HOBART		E- 00-739366	



A200N

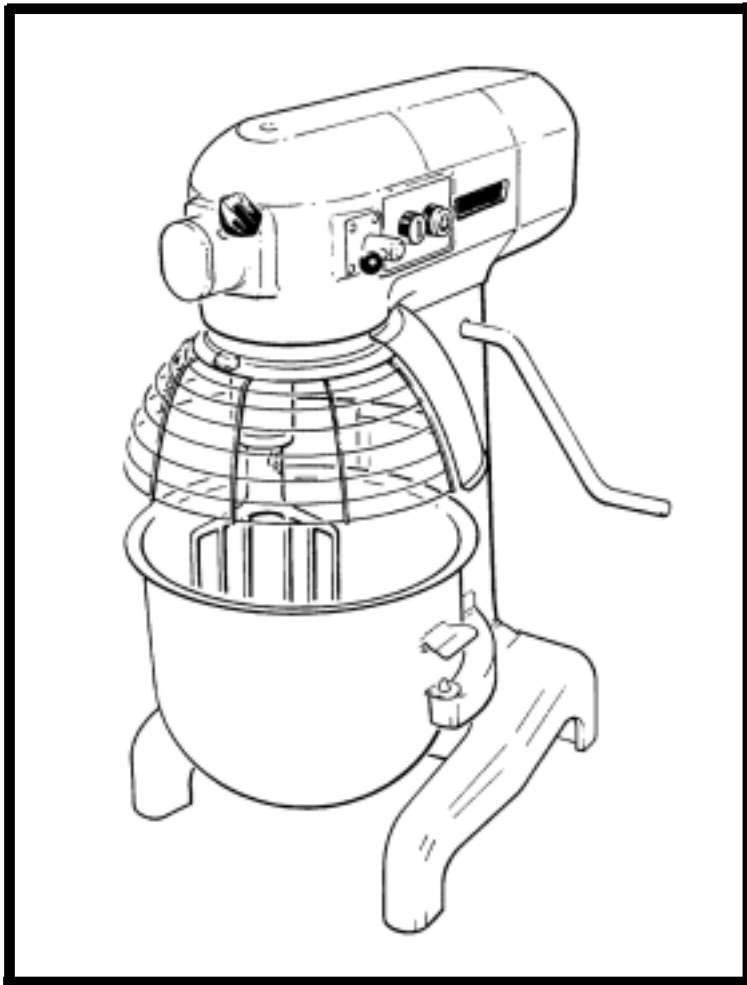
As continued product improvement is a policy of HOBART, specifications are subject to change without notice.

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Voortdurende produktverbetering vormt een wezenlijk onderdeel van het beleid van HOBART. Specificaties kunnen zonder kennisgeving gewijzigd worden.

HOBART



A 200 N

**Catalogue of Replacement Parts
Catalogue de Pieces de Rechange
Ersatzteilkatalog**

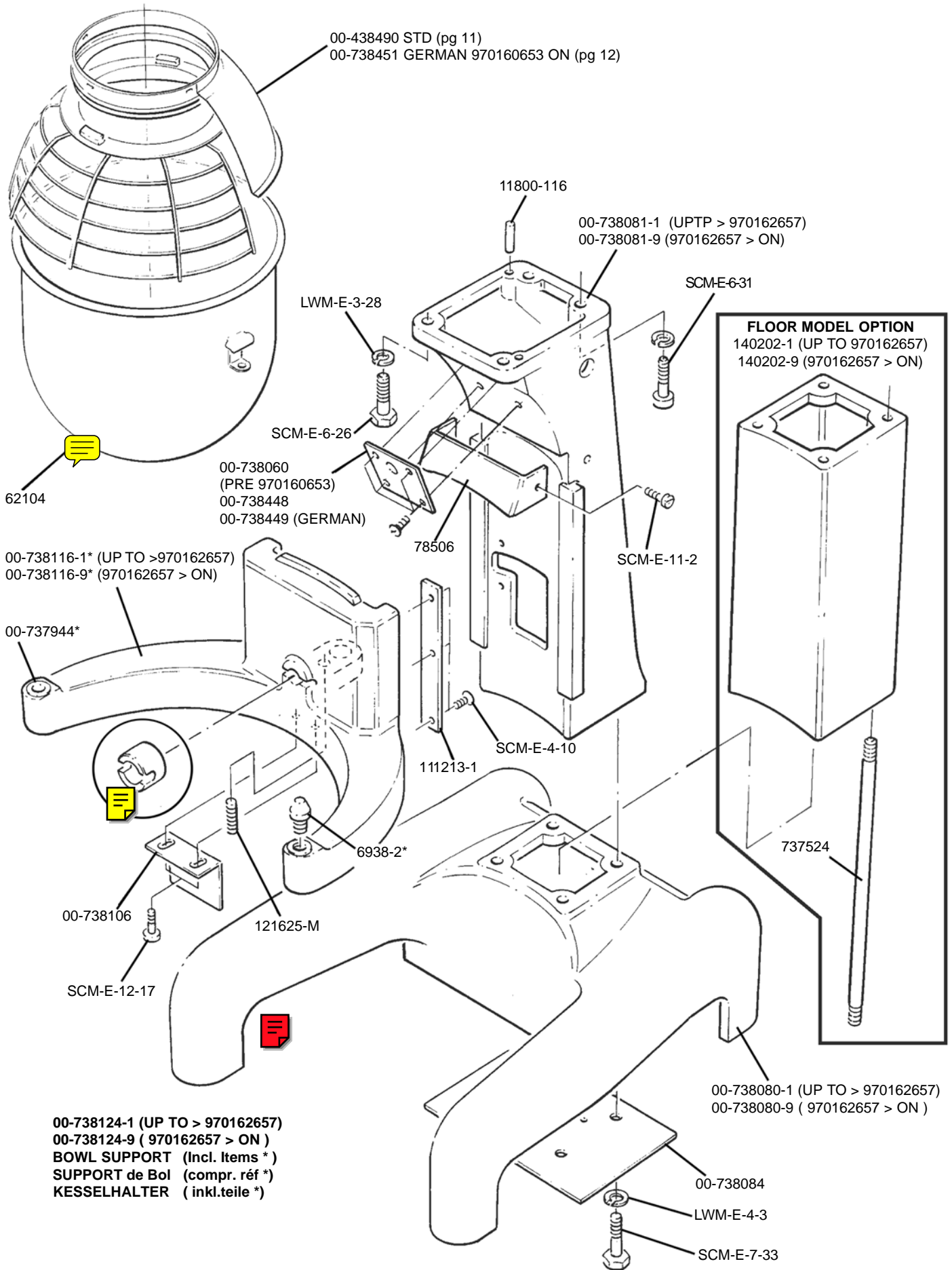


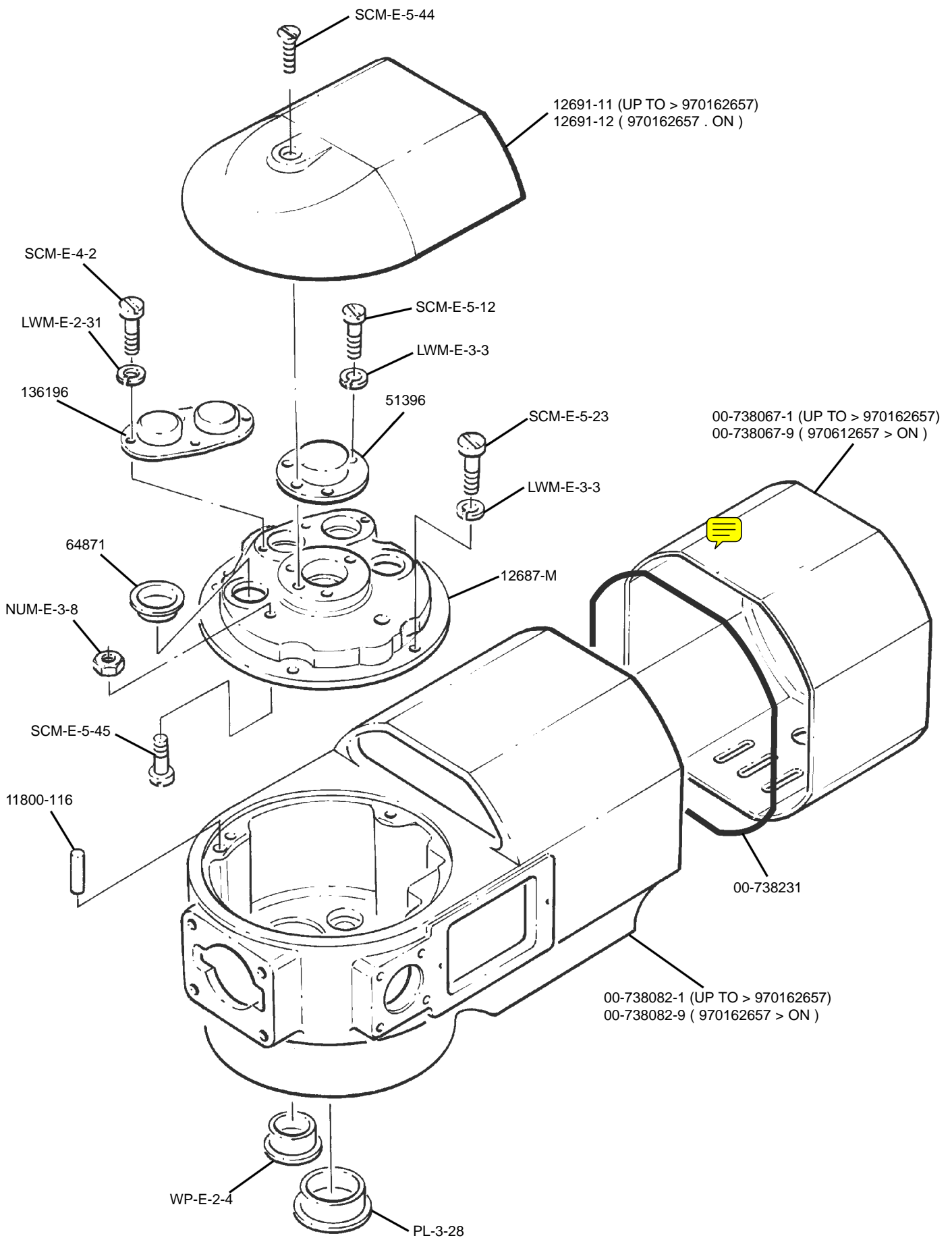
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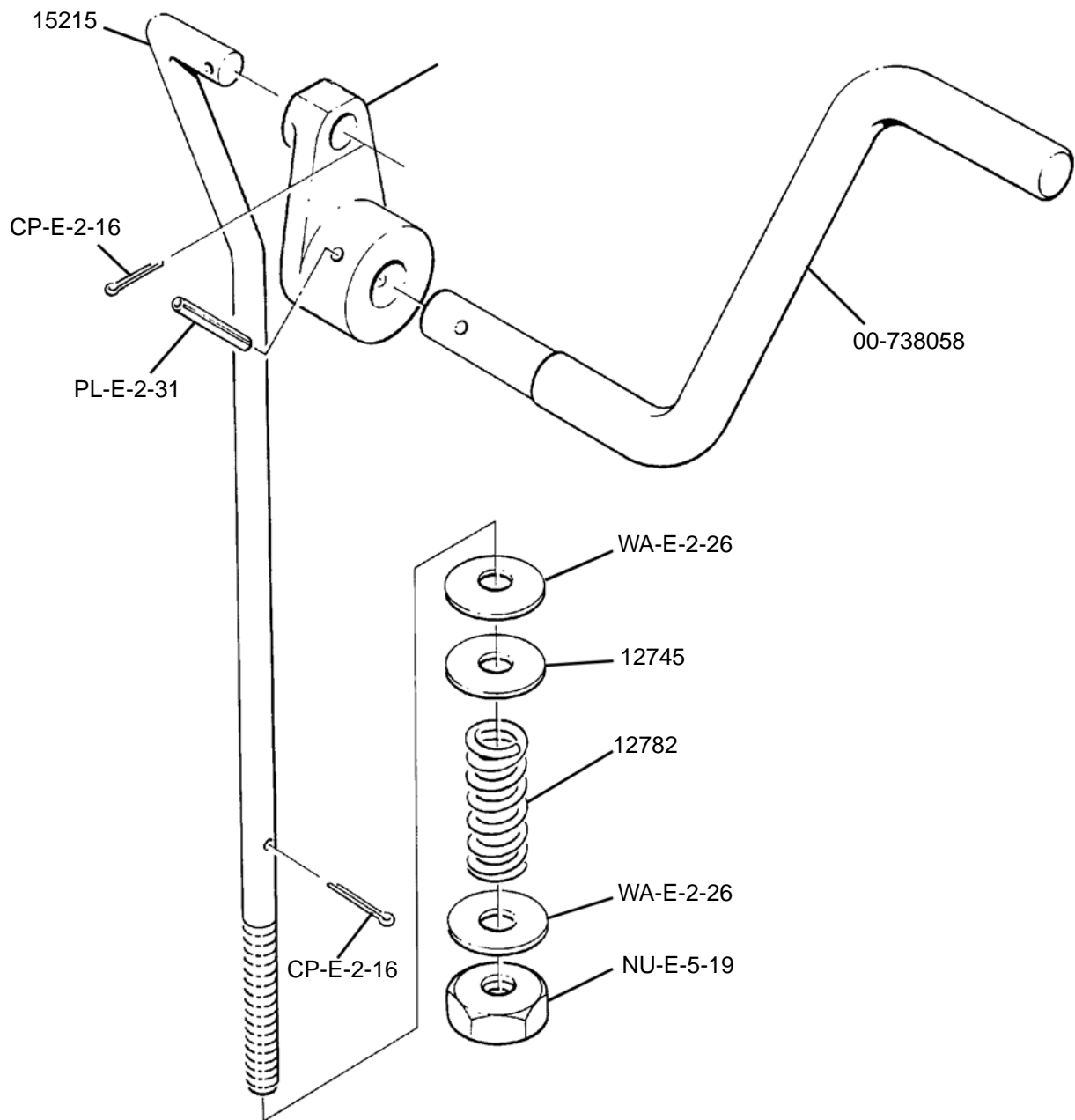
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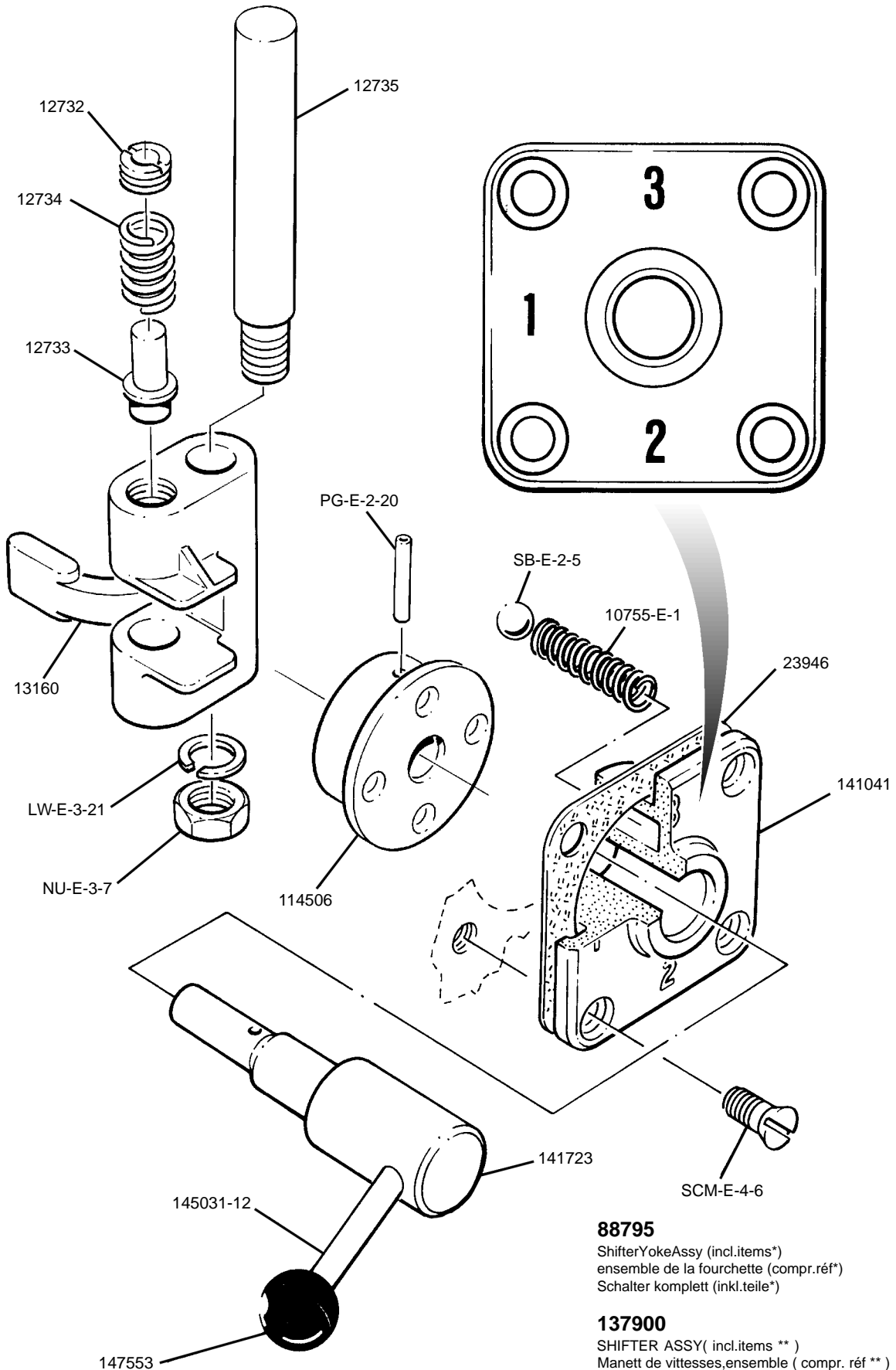
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88795

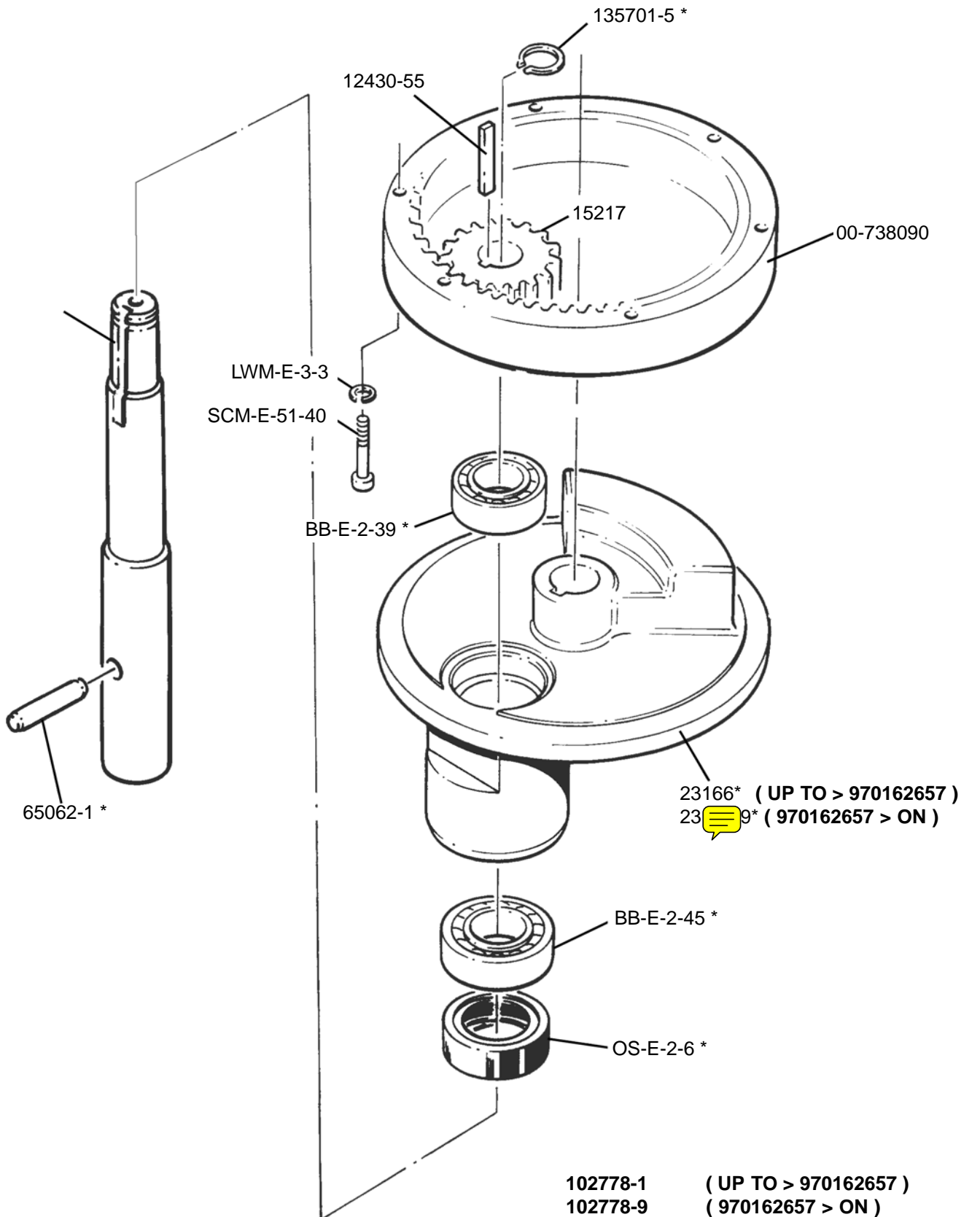
ShifterYokeAssy (incl.items*)
 ensemble de la fourchette (compr.réf*)
 Schalter komplett (inkl.teile*)

137900

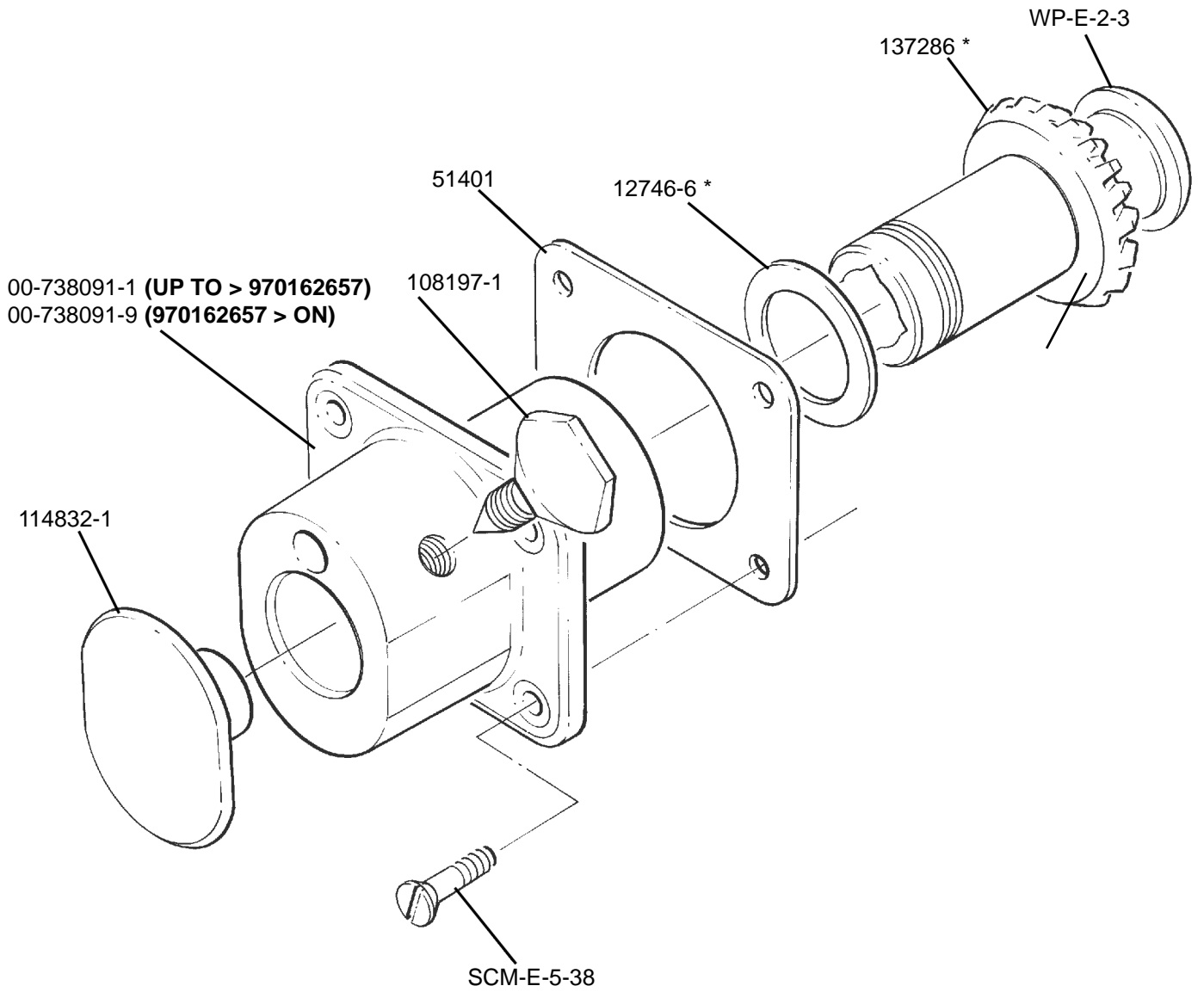
SHIFTER ASSY(incl.items **)
 Manett de vitesses,ensemble (compr. réf **)
 Schaltermechanismus (inkl.teile **)

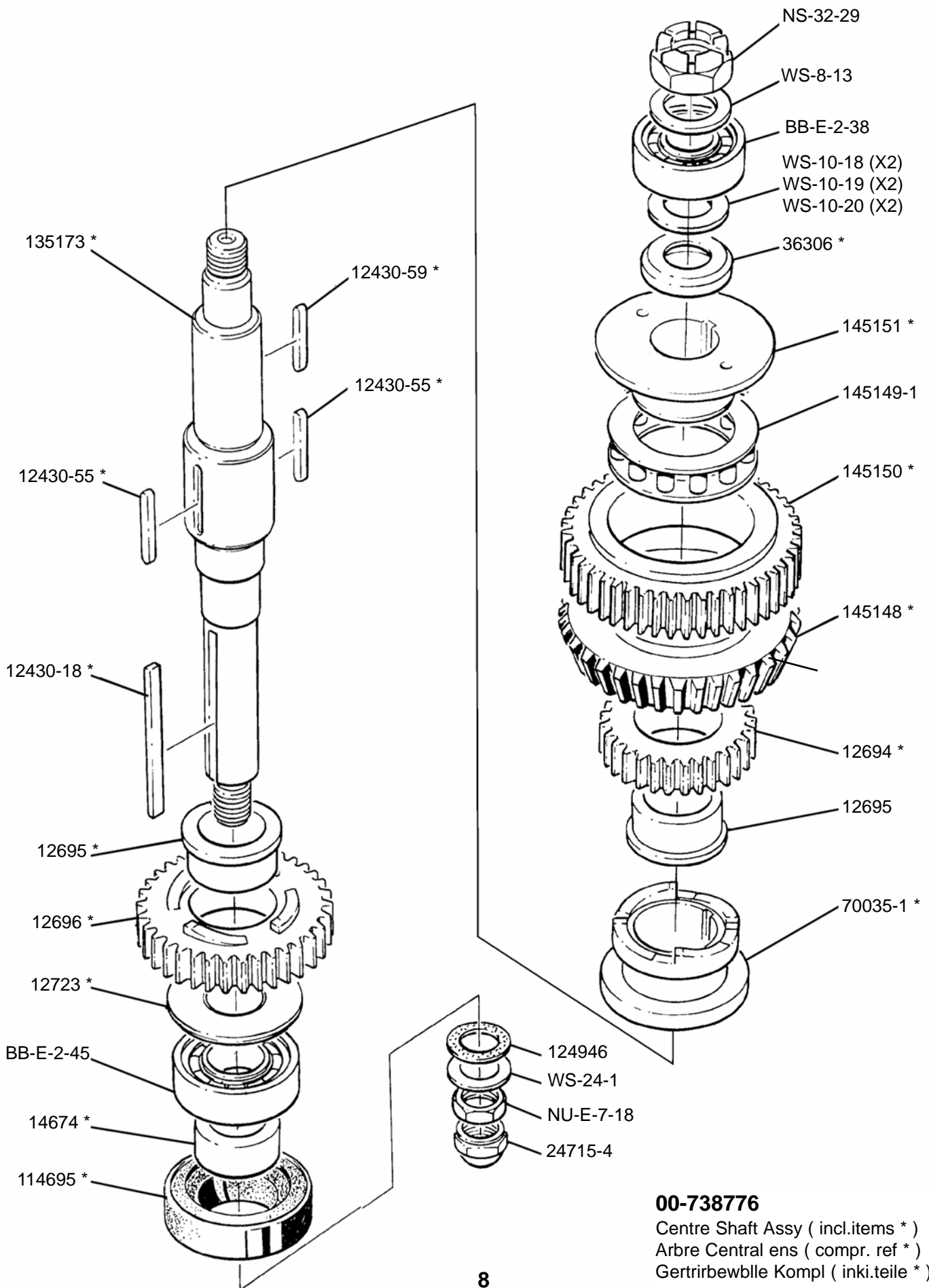
799999-10

SHIFTER ASSY(SWISS ONLY) (incl.items **)
 Manett de vitesses,ensemble(Suisse seul.) (compr. réf **)
 Schaltermechanismus (nur Schweiz) (inkl.teile **)



102778-1 (UP TO > 970162657)
102778-9 (970162657 > ON)
 Planetary, Assembly (incl. items *)
 Planétaire, ensemble (compr. fev *)
 Planetengetriebe, komplett (inkl. teile *)

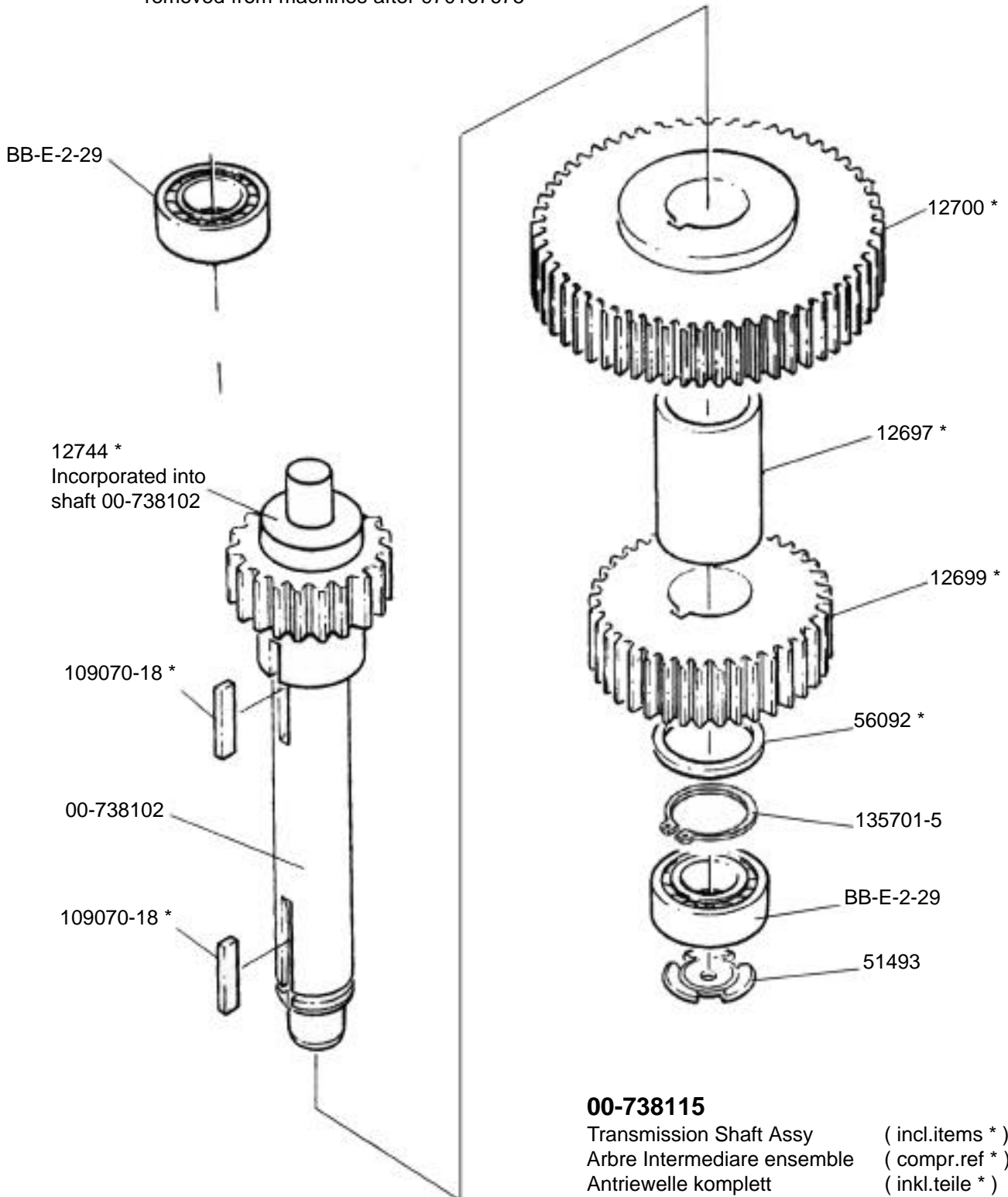


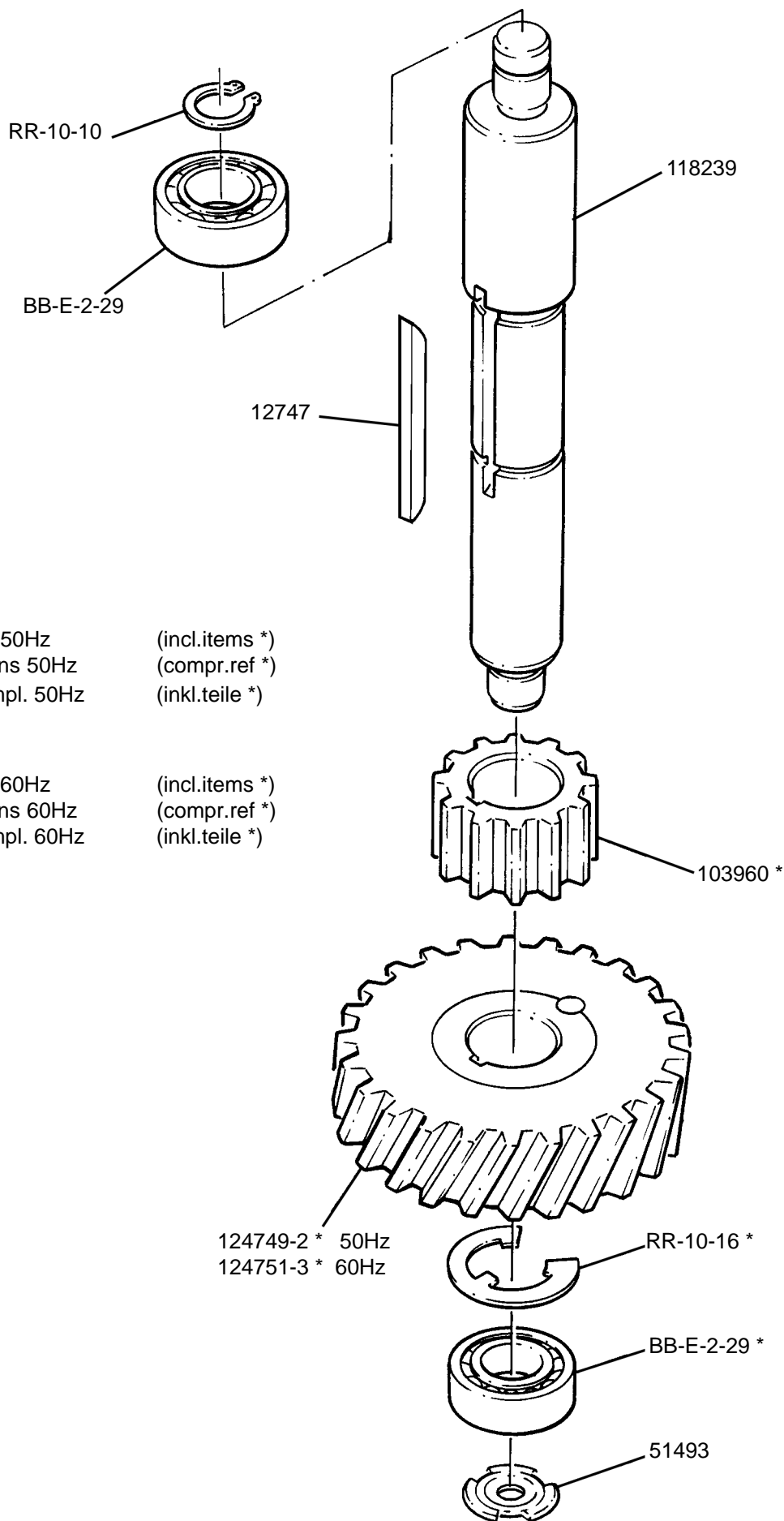


00-738776

Centre Shaft Assy (incl.items *)
Arbre Central ens (compr. ref *)
Getriebewelle Kompl (inki.teile *)

NOTE: NU-E-5-19 nut & thread on shaft 00-738102
removed from machines after 970167675





136157-1

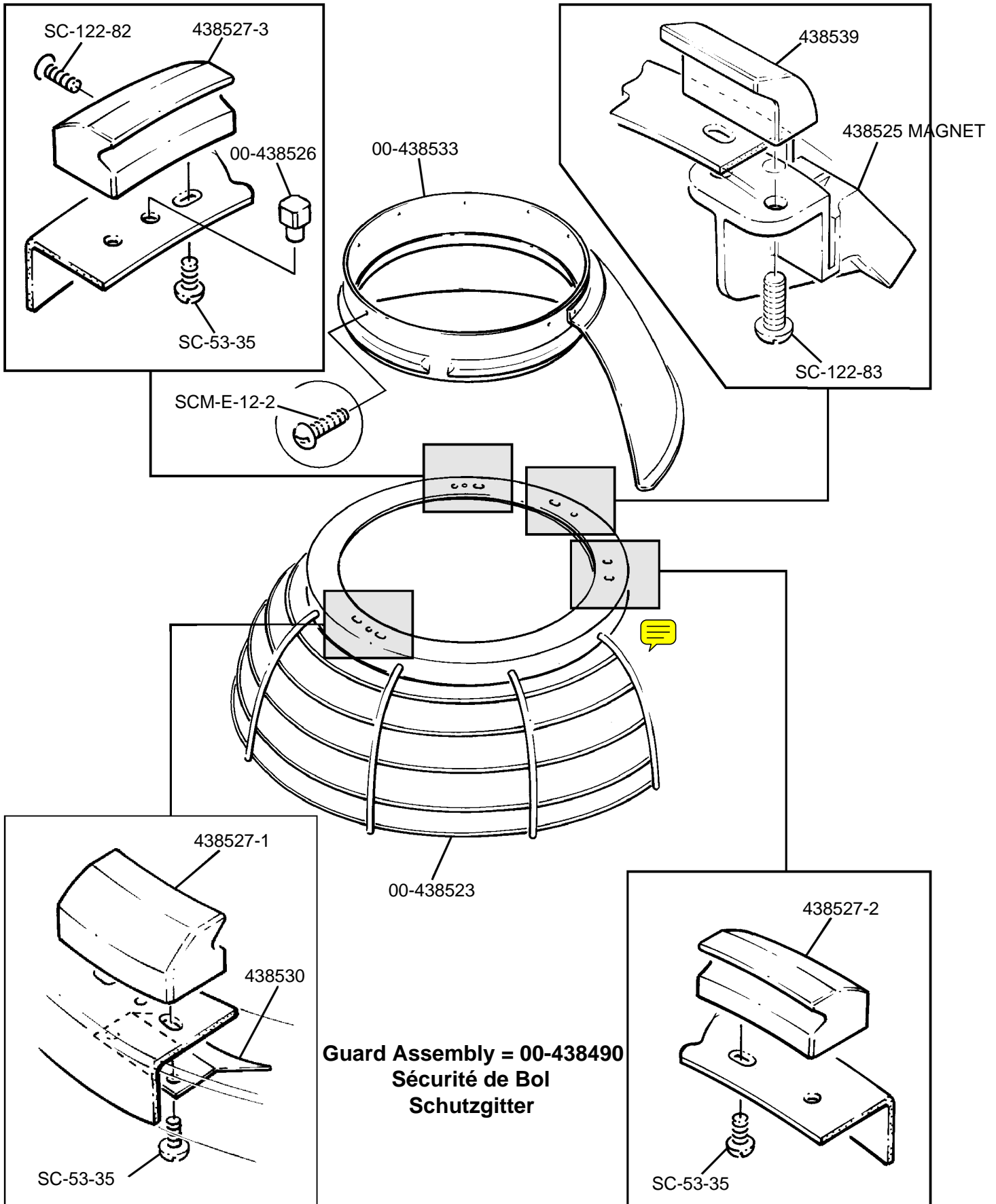
Worm Gear Shaft Assy, 50Hz
Arbre roue hélicoïdale ens 50Hz
Schneckenradwelle Kompl. 50Hz

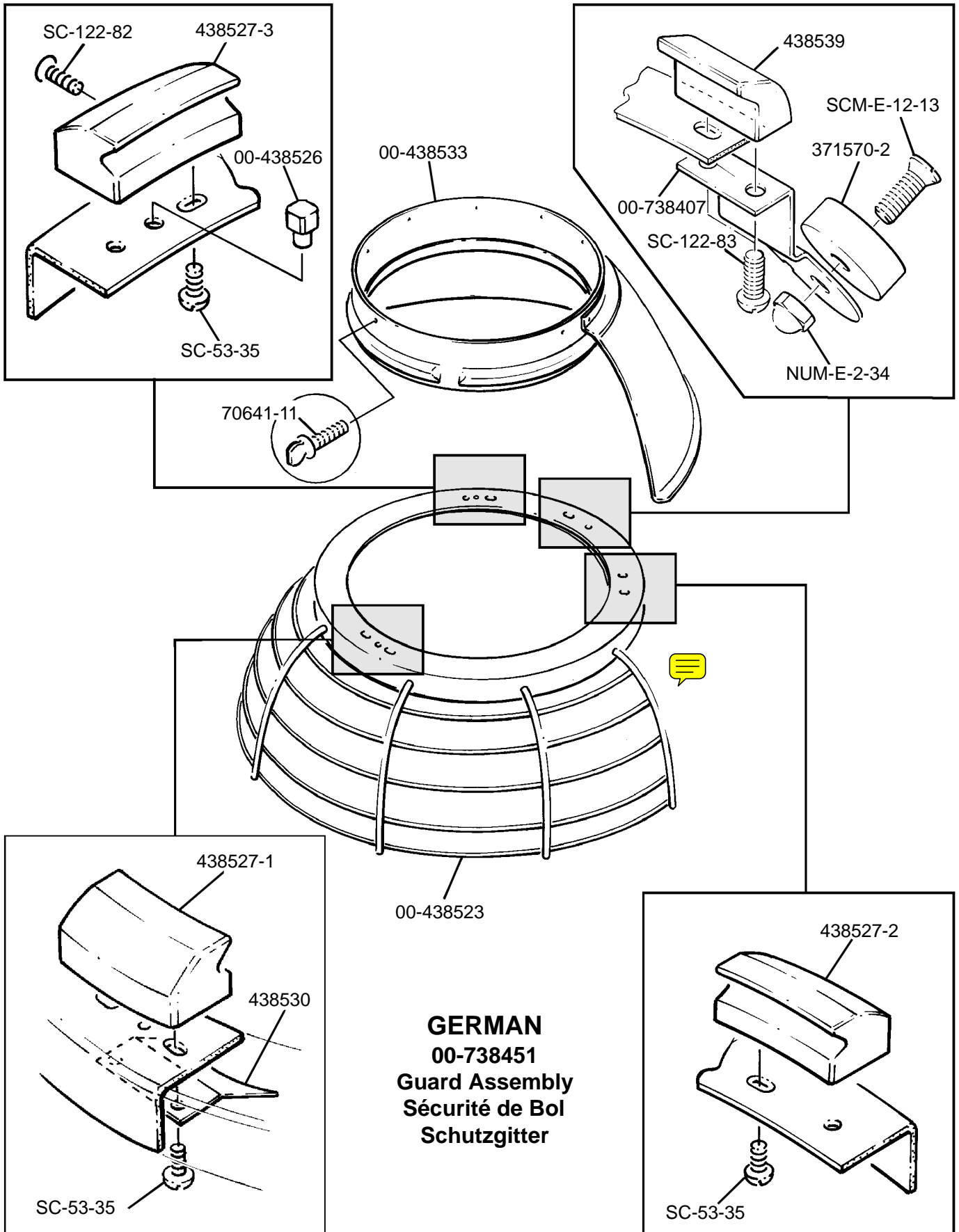
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(compr.ref *)
(inkl.teile *)

136157-2

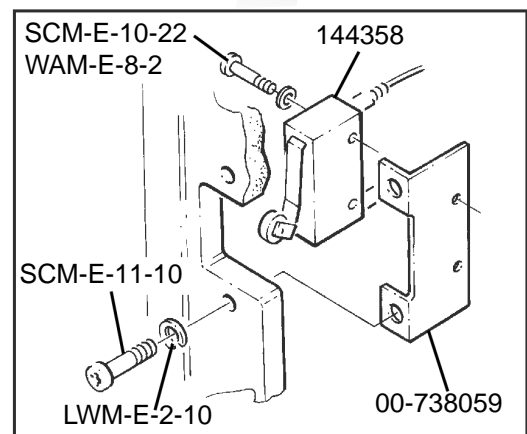
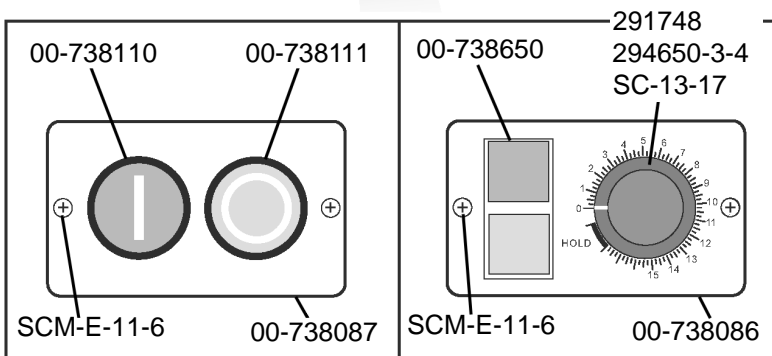
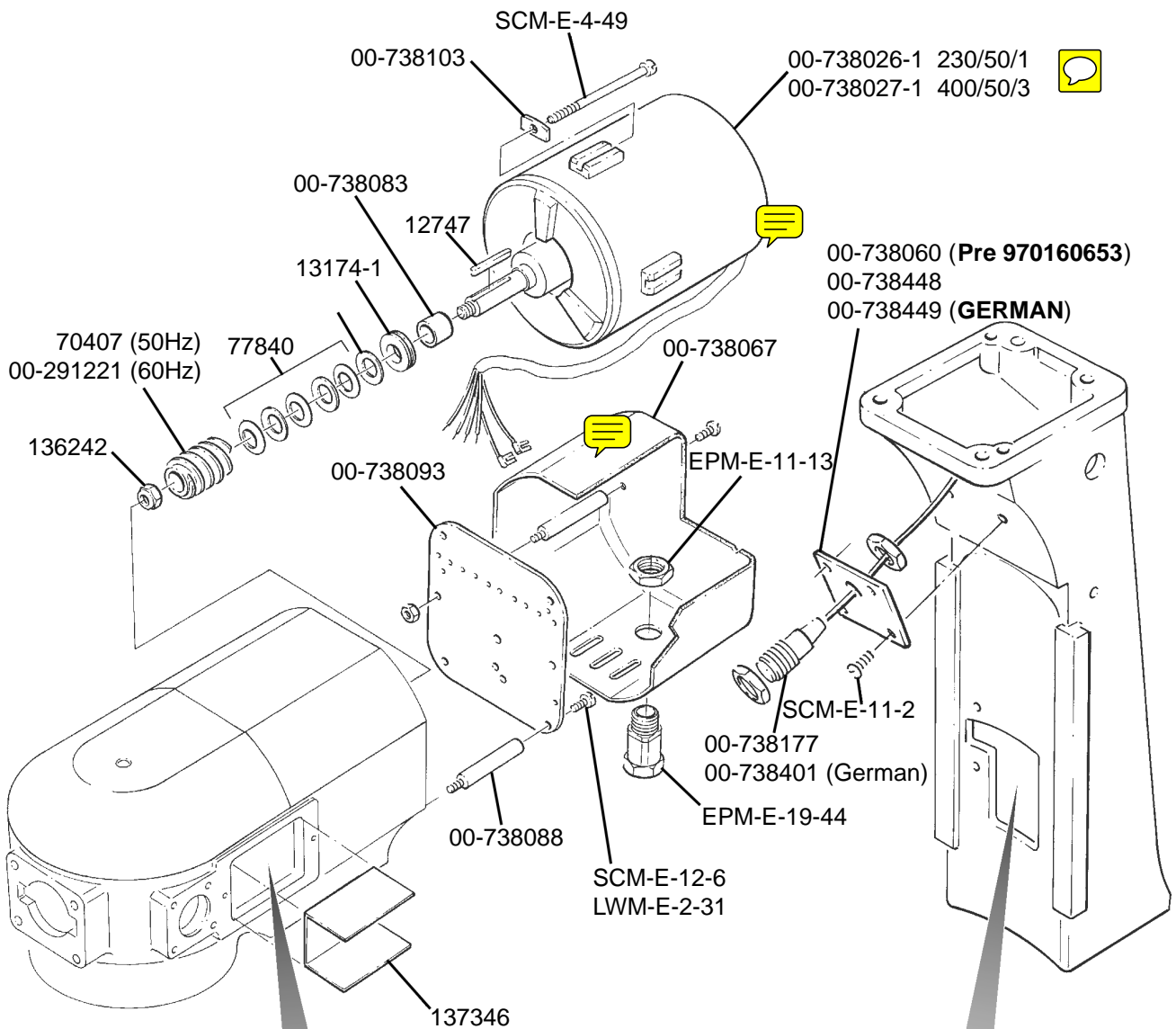
Worm Gear Shaft Assy, 60Hz
Arbre roue hélicoïdale ens 60Hz
Schneckenradwelle Kompl. 60Hz

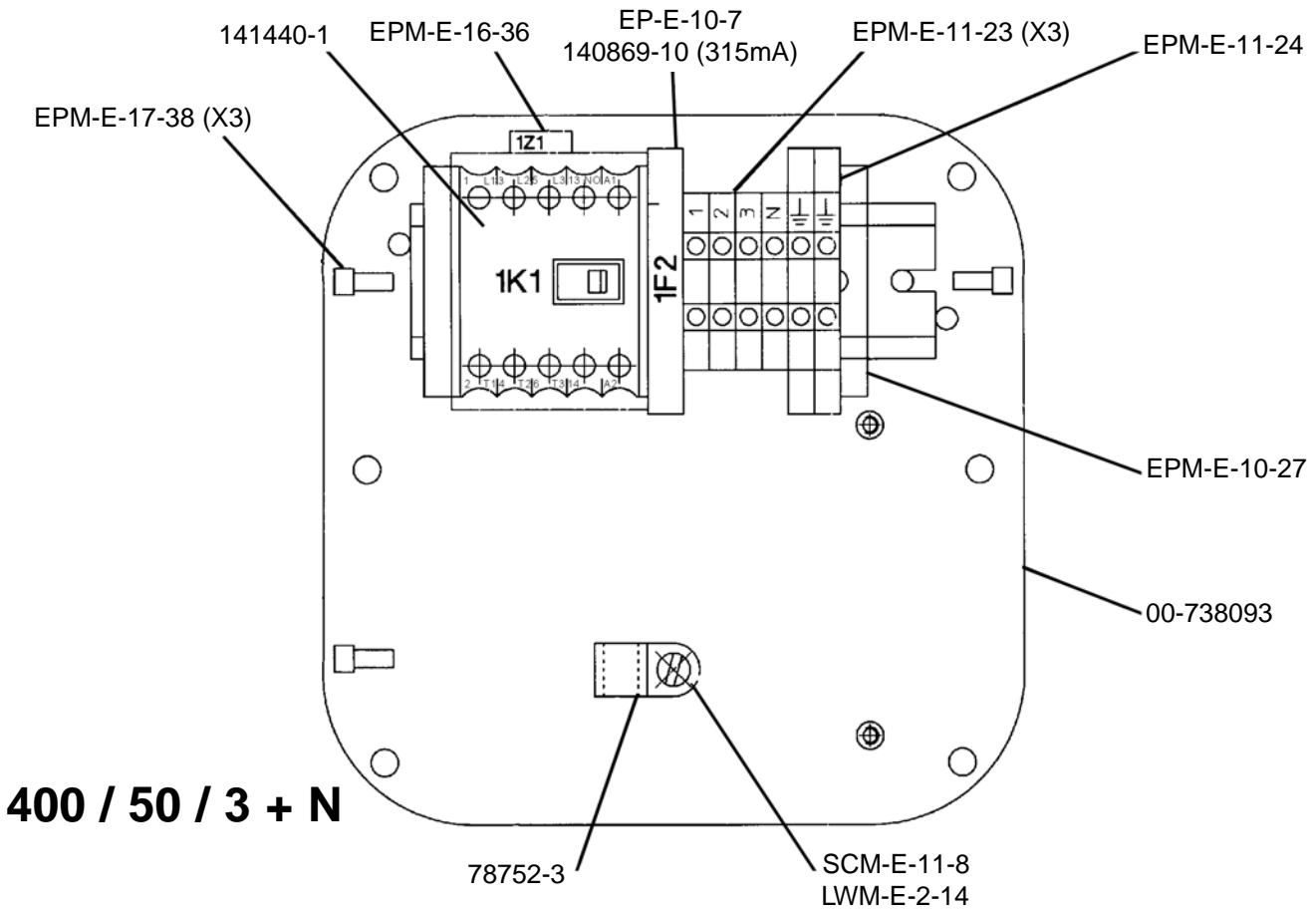
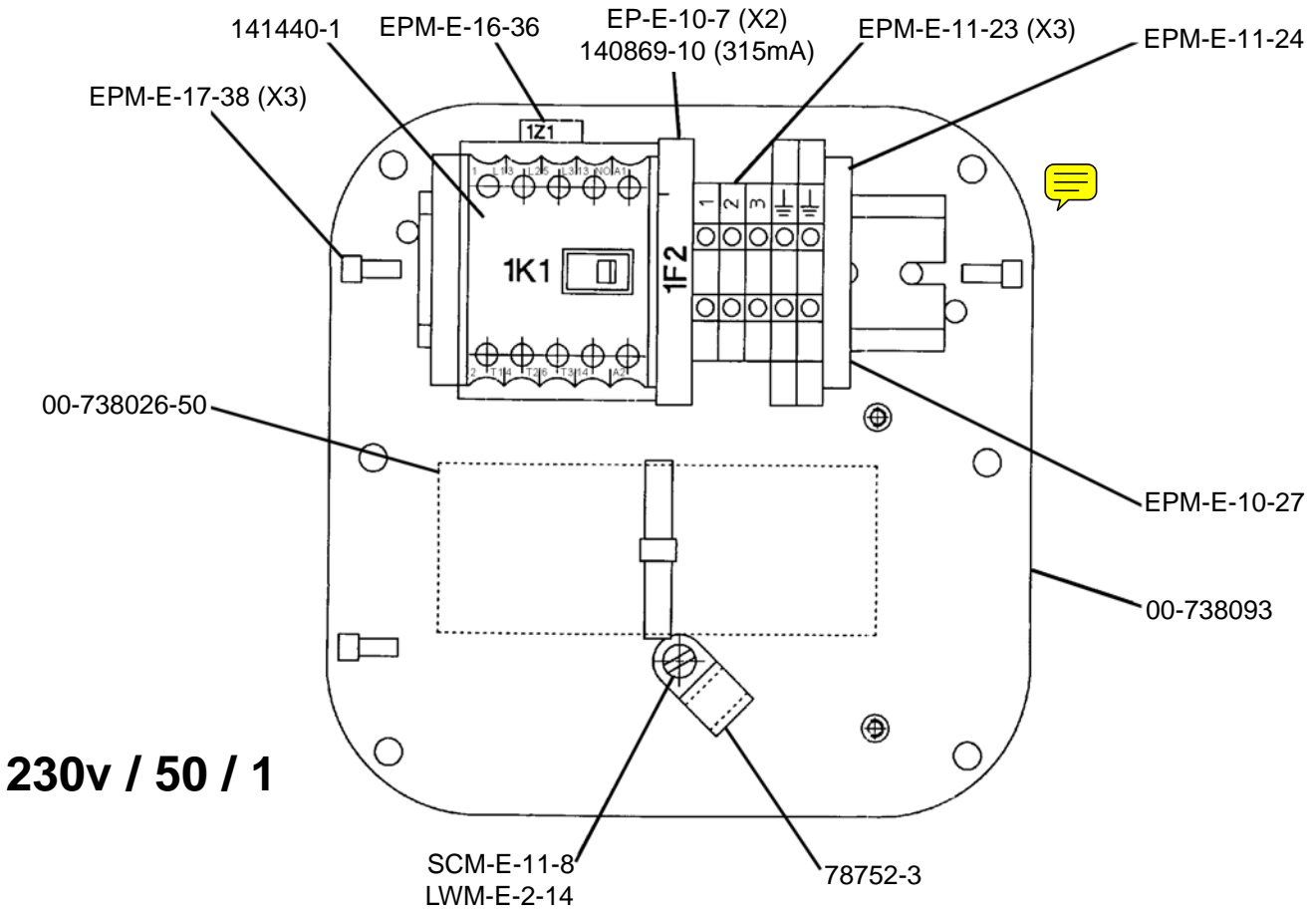
(incl.items *)
(compr.ref *)
(inkl.teile *)





GERMAN
00-738451
Guard Assembly
Sécurité de Bol
Schutzgitter

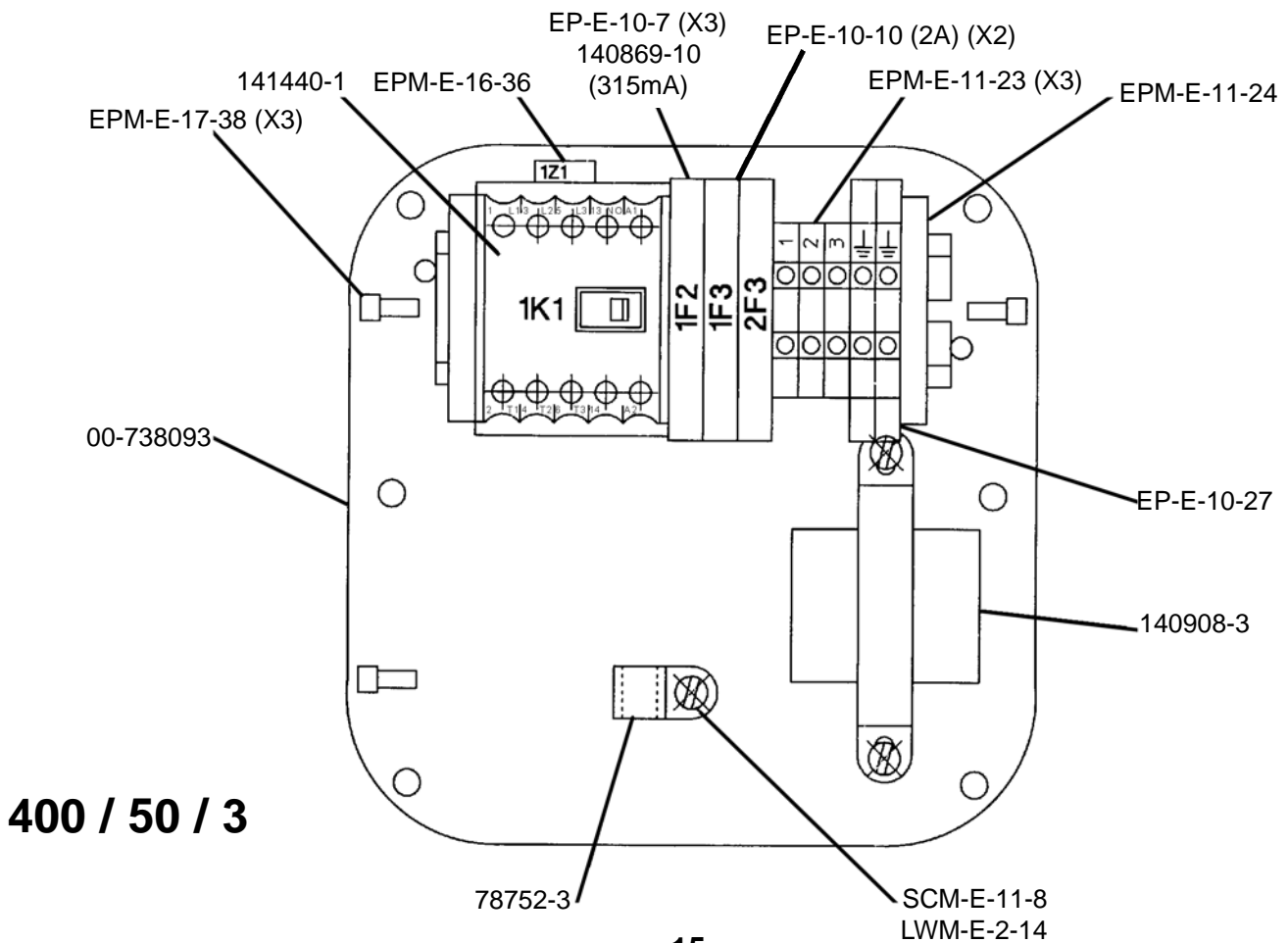
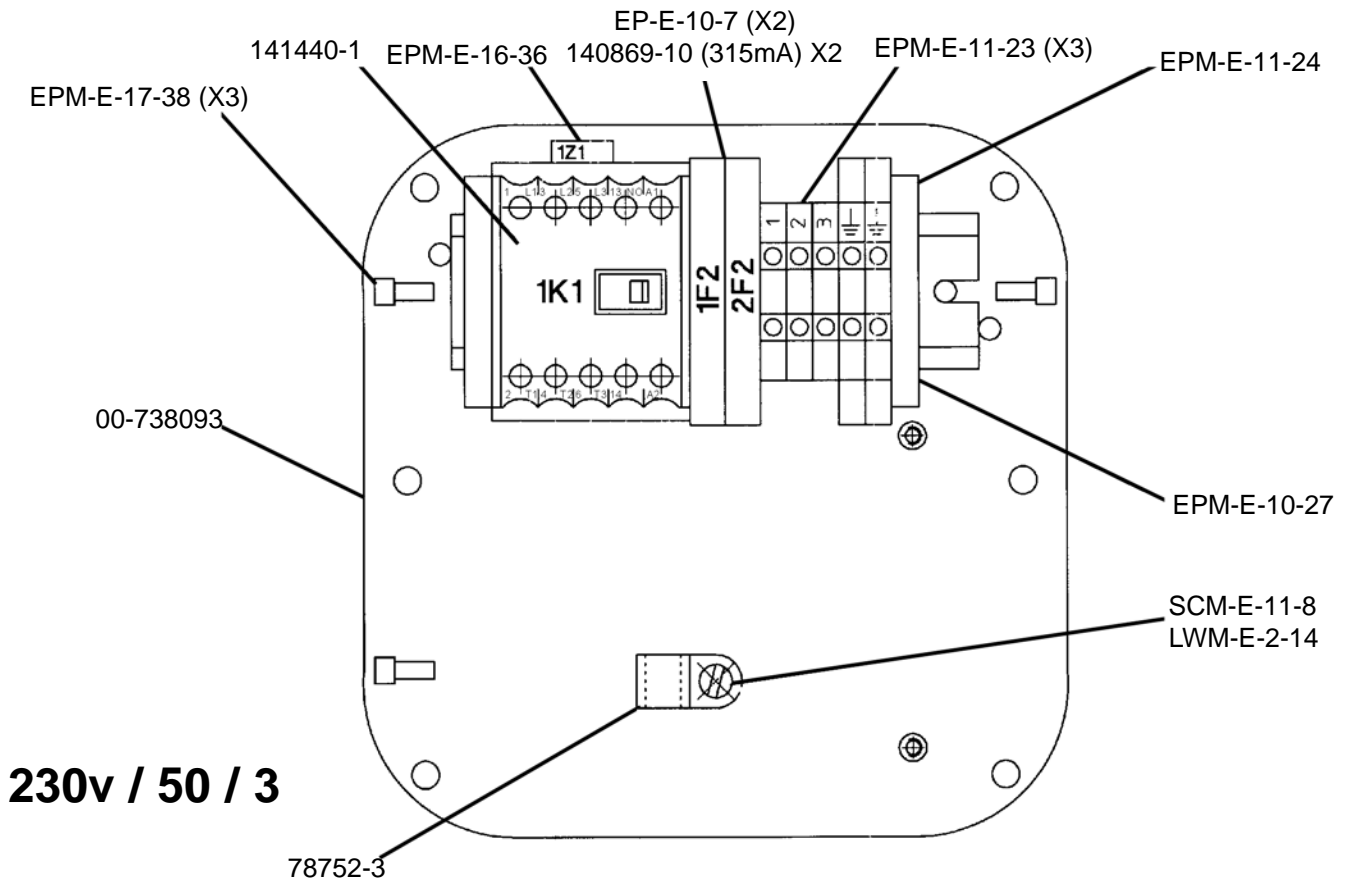


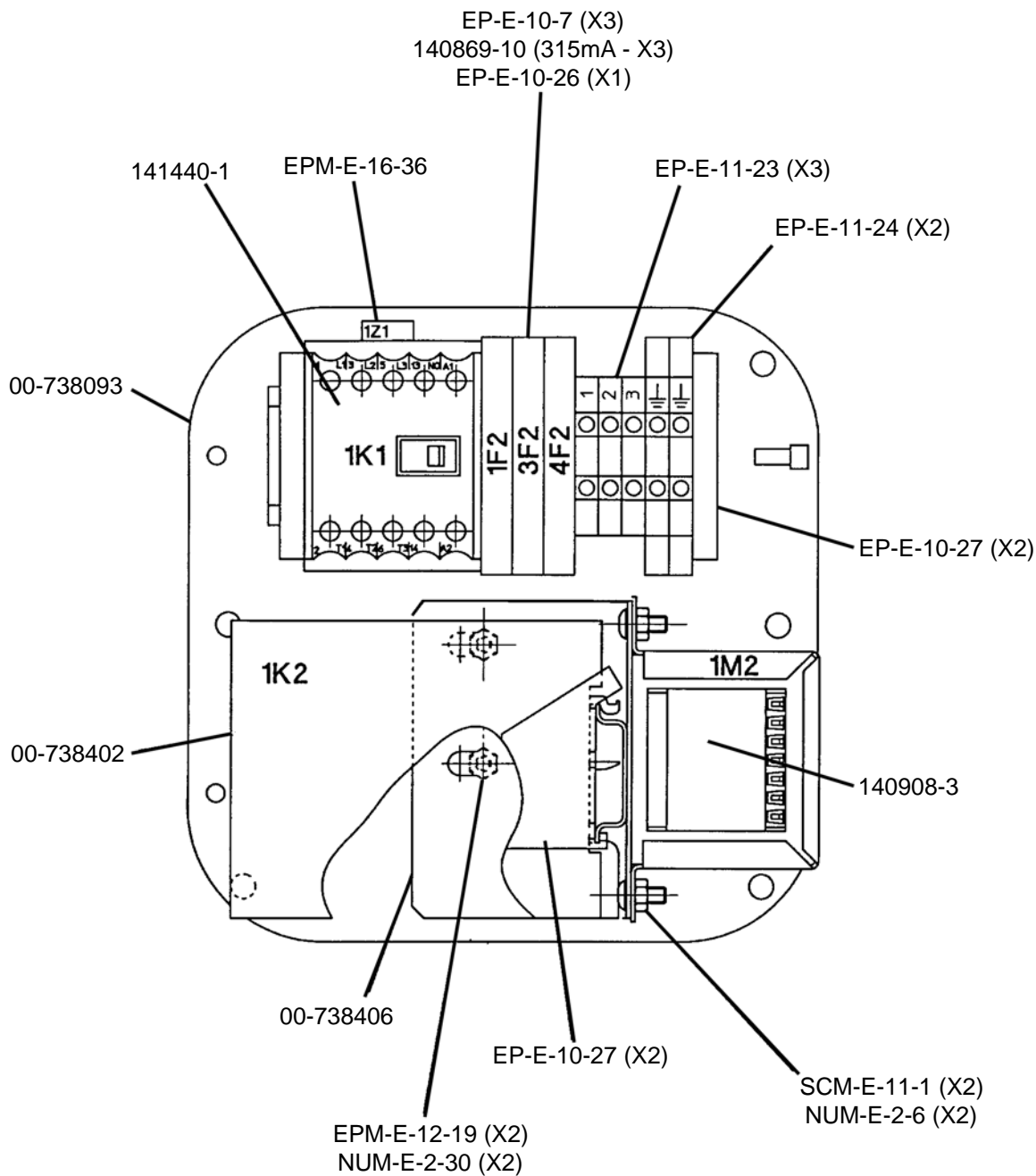




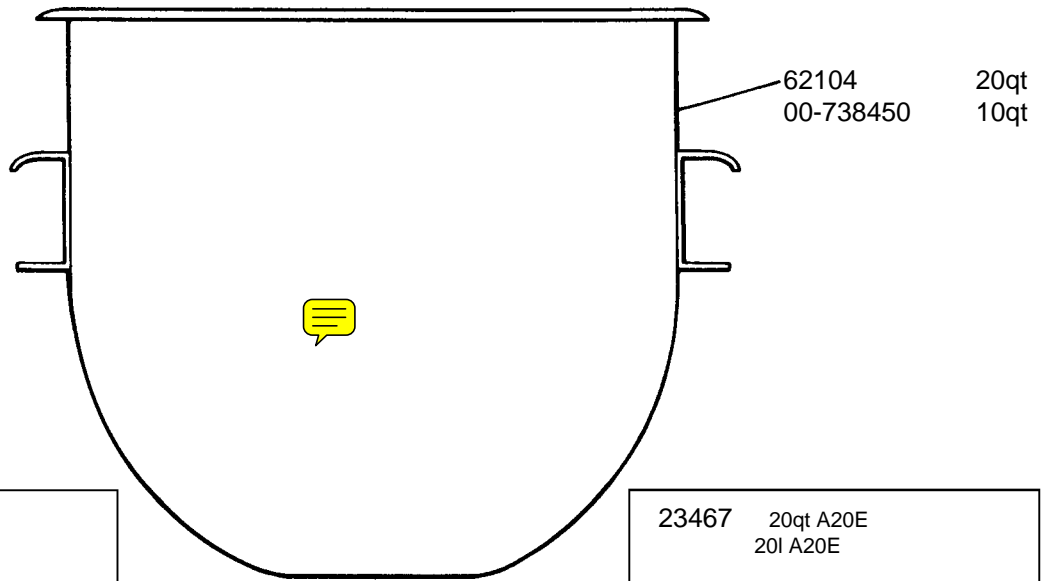
Electrical Parts (230v/50/3 & 400/50/3)
Auxilliaires Électriques
Electrolteile

A200N





400/50/3 (GERMAN)

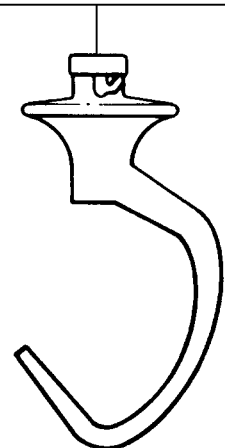
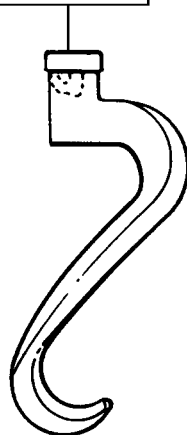
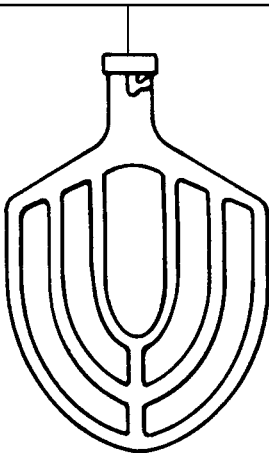


62104 20qt
00-738450 10qt

- 23126 20qt A20B (Ali)
20l A20B (Ali)
- 24822 20qt A20B (s.stl./inox/CrNi)
20l A20B (s.stl./inox/CrNi)
- 136915 10qt A10B (Ali)
10l A10B (Ali)

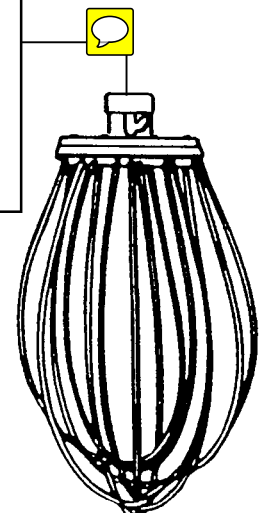
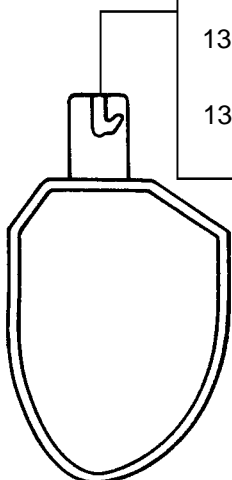
- 23467 20qt A20E
20l A20E
- 53692 20qt A20E(s.stl./inox/CrNi)
20l A20E (s.stl./inox/CrNi)
- 136912 10qt A10E
10l A 10E

119984



- 74286 20qt A20PK
20l A20PK
- 59642 20qt A20PK (s.stl./inox/CrNi)
20l A20PK (s.stl./inox/CrNi)
- 136914-1 10qt A10PK
10l A10PK
- 136914-2 10qt A10PK (s.stl./inox/CrNi)
10l A10PK (s.stl./inox/CrNi)

- 23511-2-M 20qt A20D
20l A20D
- 32343 10qt A10D
10l A10D
- 146010 20qt A20DG
20l A20DG





143267 Static Stand (as above)

143268 Stand (with castors)



A200N

As continued product improvement is a policy of HOBART, specifications are subject to change without notice.

Ce catalogue n'est pas contractuel. HOBART se réserve le droit, et sans préavis, d'apporter toutes modifications ou améliorations à ses matériels.

HOBART behält sich das Recht vor, an allen Produkten technische Änderungen und Verbesserungen ohne Ankündigung vorzunehmen.

Voortdurende produktverbetering vormt een wezenlijk onderdeel van het beleid van HOBART. Specificaties kunnen zonder kennisgeving gewijzigd worden.



Catalogue of Replacement Parts
Catalogue de Pièces de Rechange
Ersatzteilkatalog



A200N



PLE 200460-H-12-08
EU 8240



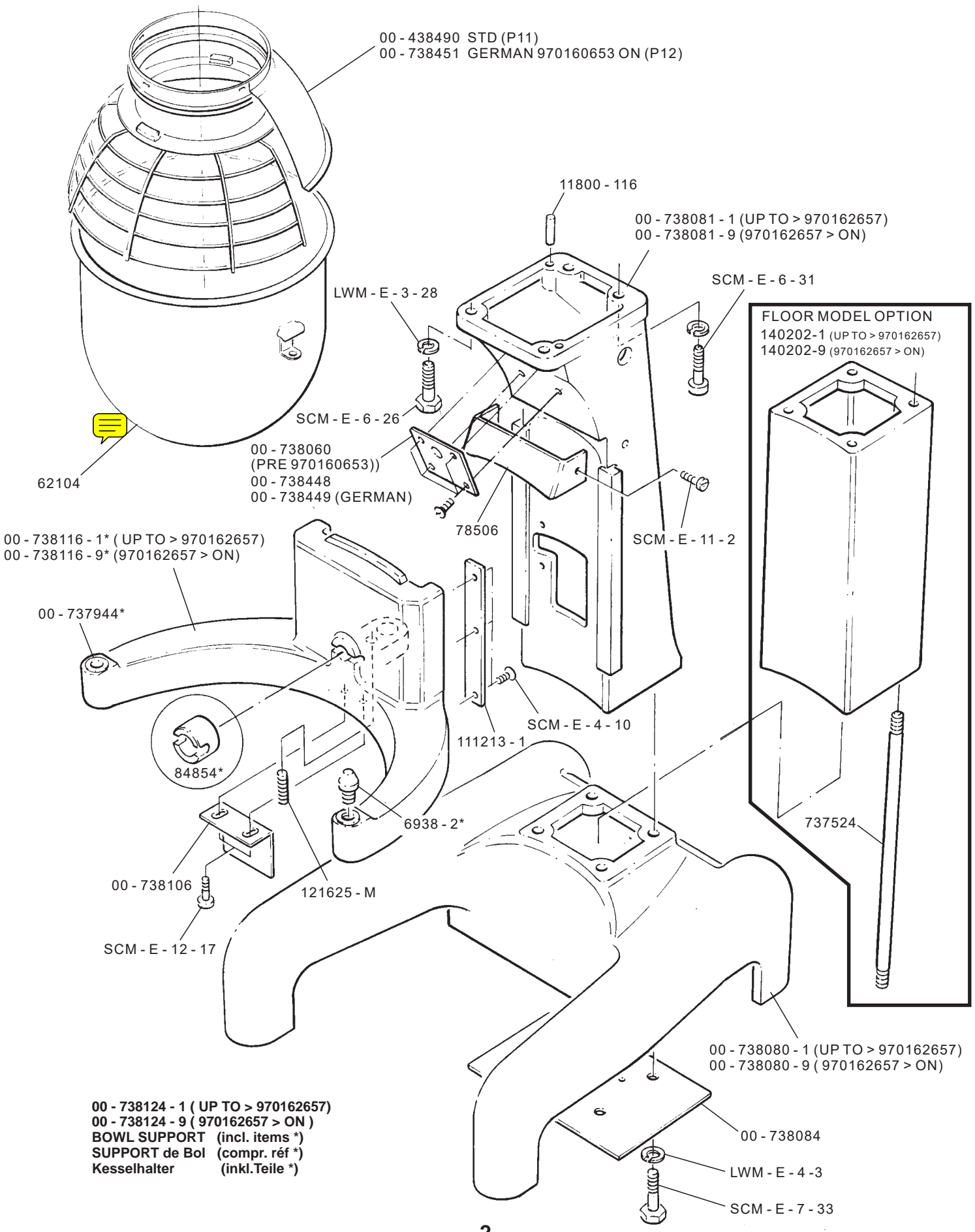
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Base, Pedestal and Bowl Unit
Base, colonne, support de bol
Fuß, Säule und Kessel halter



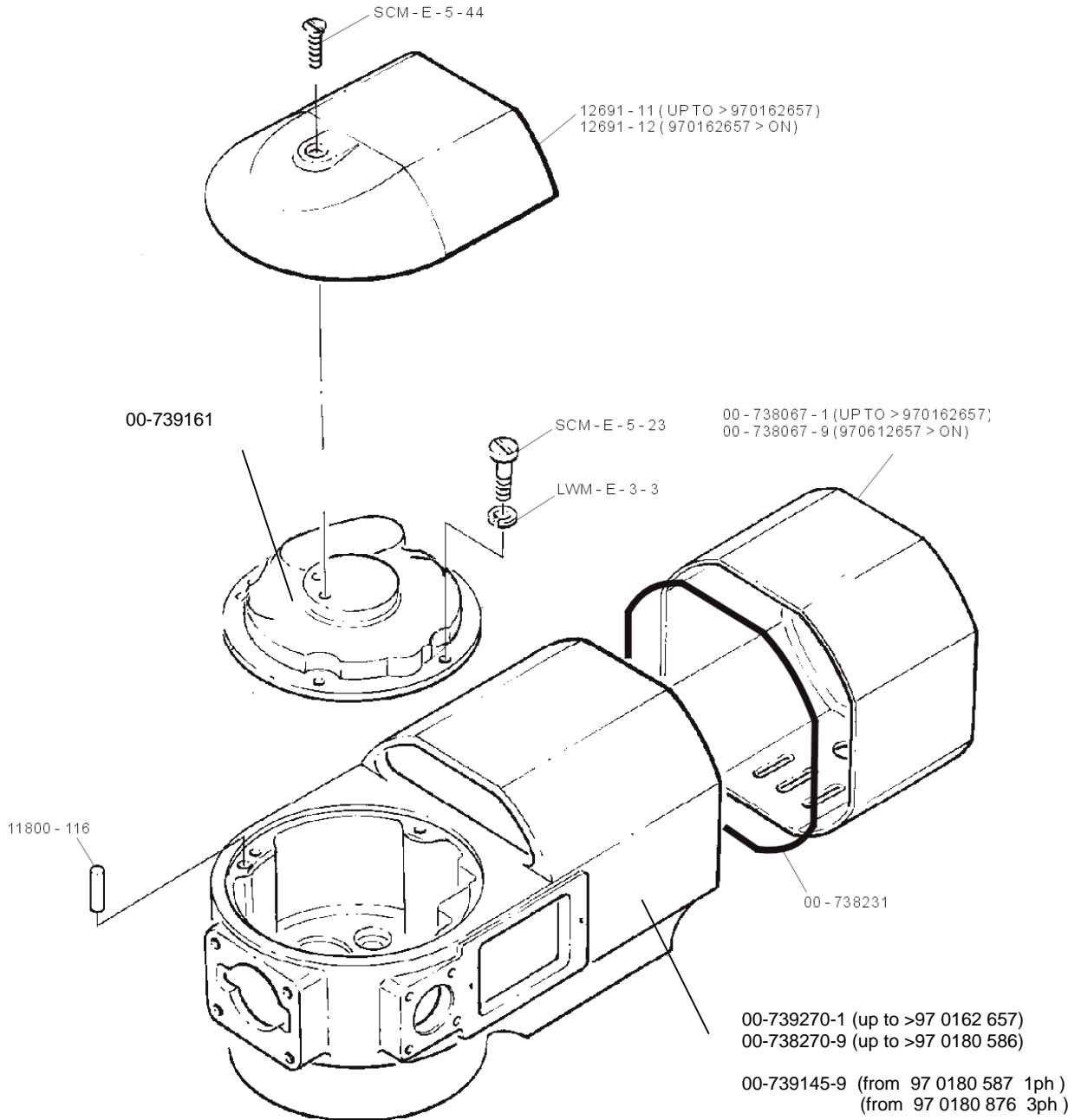
00 - 738124 - 1 (UP TO > 970162657)
 00 - 738124 - 9 (970162657 > ON)
BOWL SUPPORT (incl. items *)
SUPPORT de Bol (compr. réf *)
Kesselhalter (inkl. Teile *)

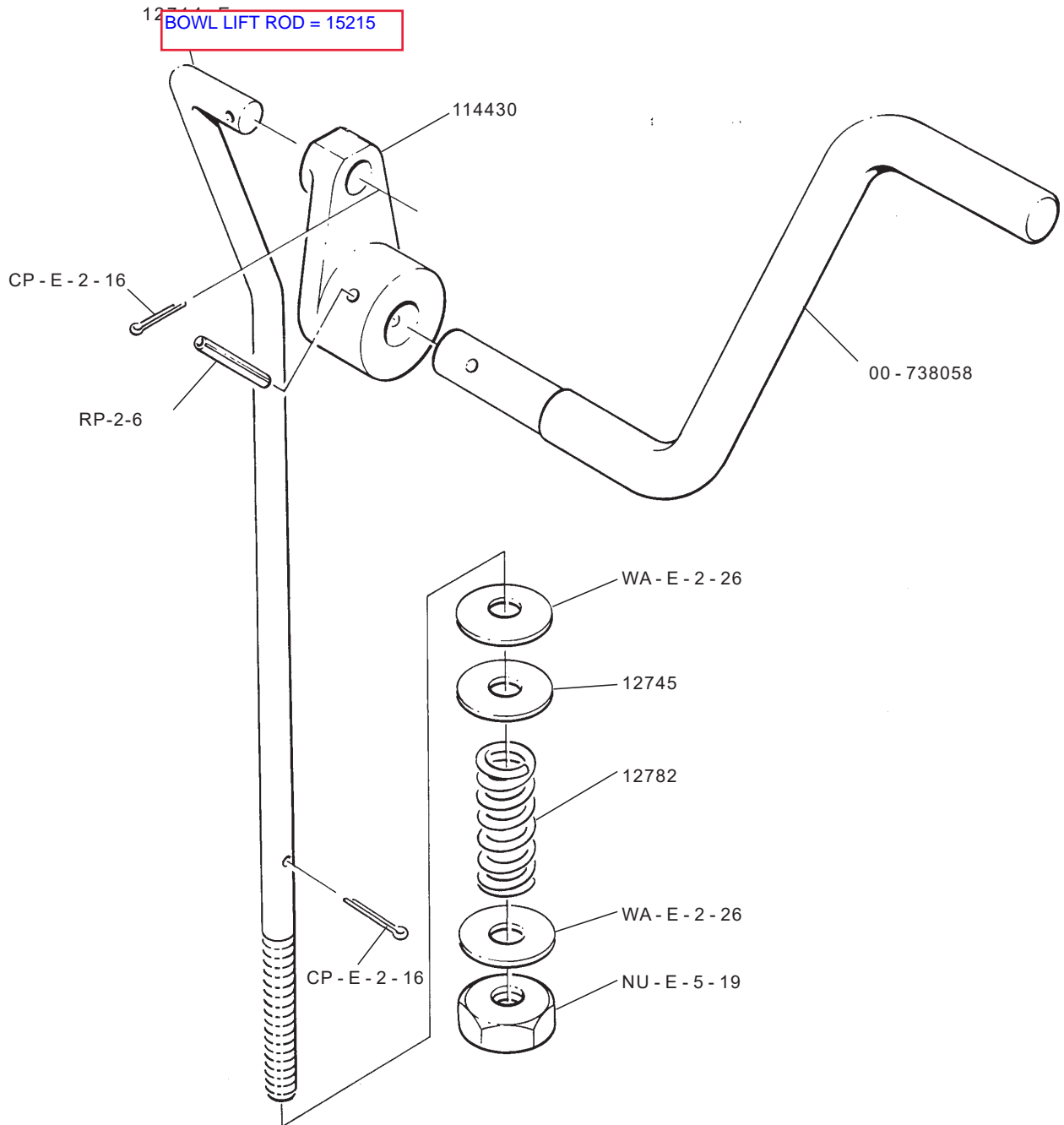


Transmission case
Boîte de Vitesses
Antriebsgehäuse

A200N

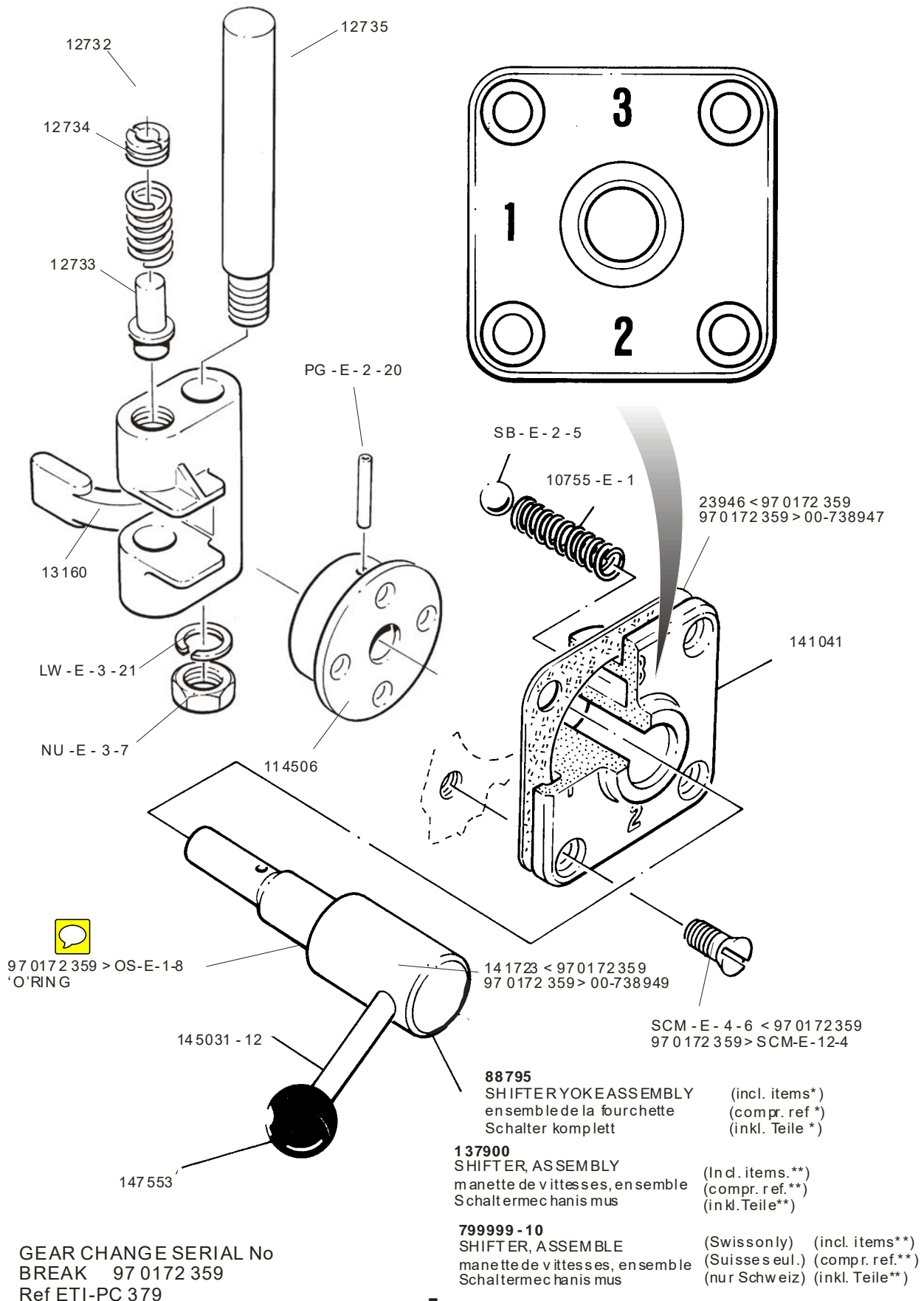
FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 2 FOR PRIOR MACHINES

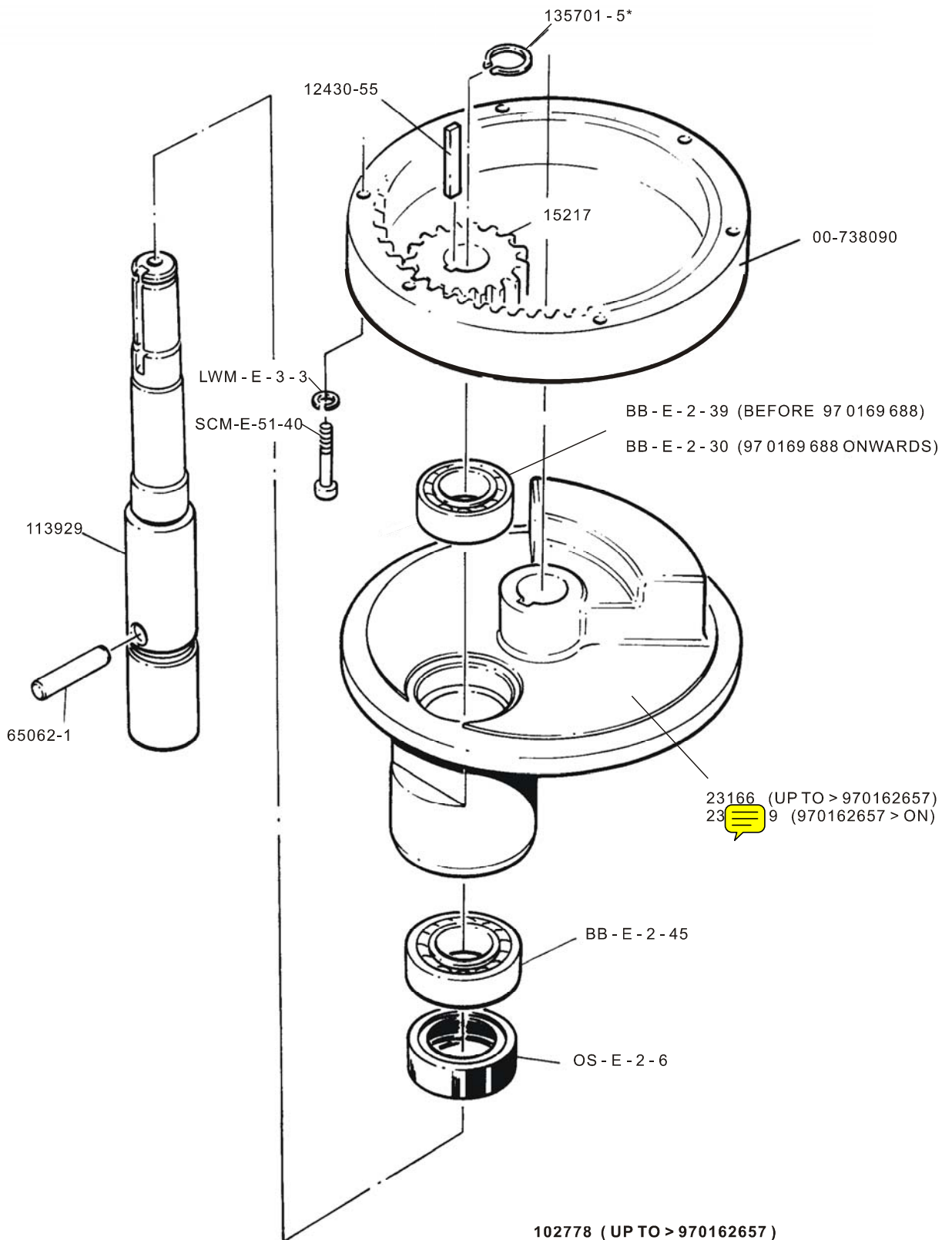




Shifter Unit
Changement de Vitesses
Geschwindigkeitswahlschalter

A200N

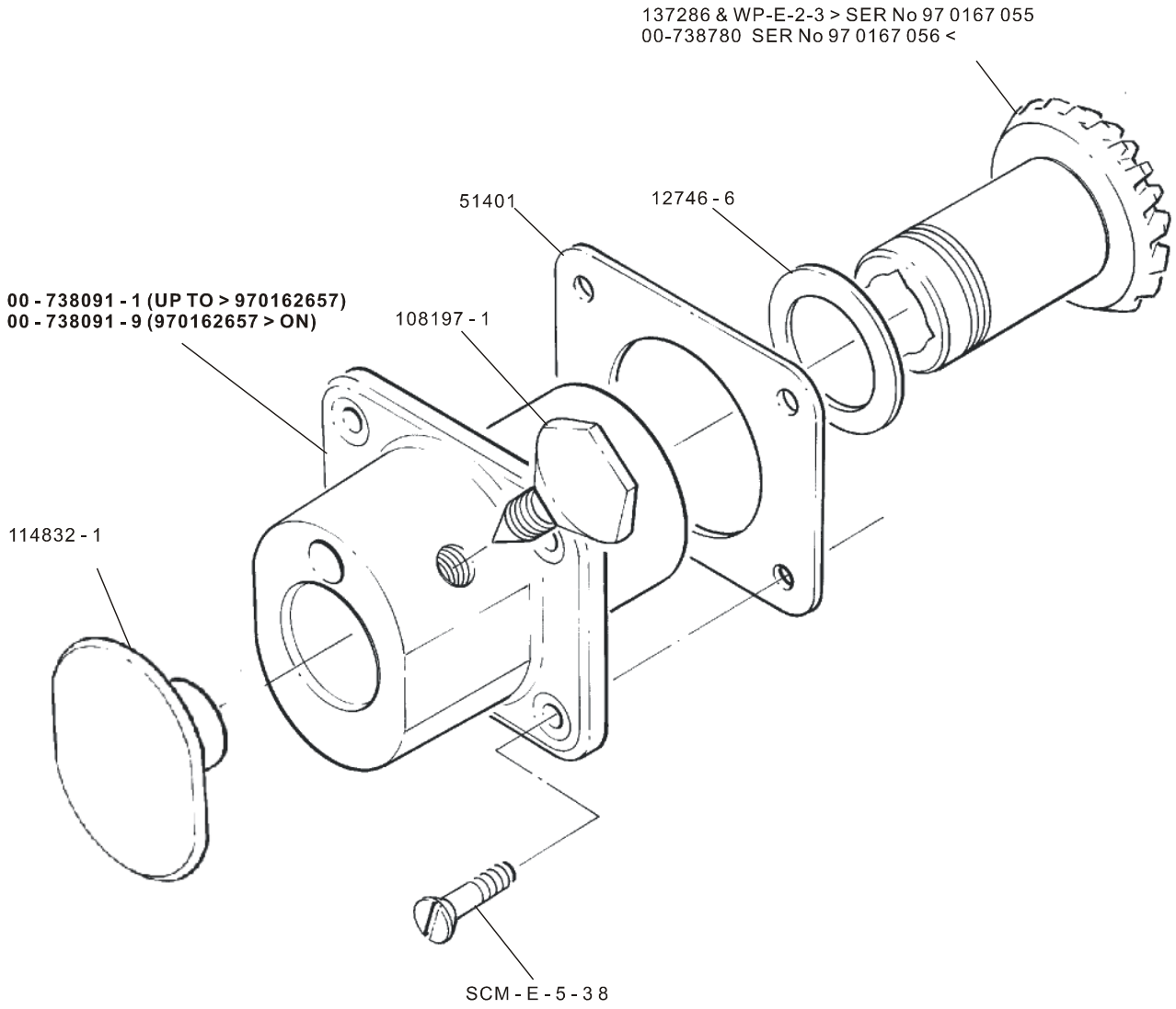




102778 (UP TO > 970162657)
102778-9 (970162657 > ON)
 PLANETARY, ASSEMBLY (incl. items *)
 planétaire, ensemble (compr. ref. *)
 Planetengetriebe, komplett (inkl. Teile *)

**Attachment Hub Unit
Canon Porte Accessoires
Ansatznabe**

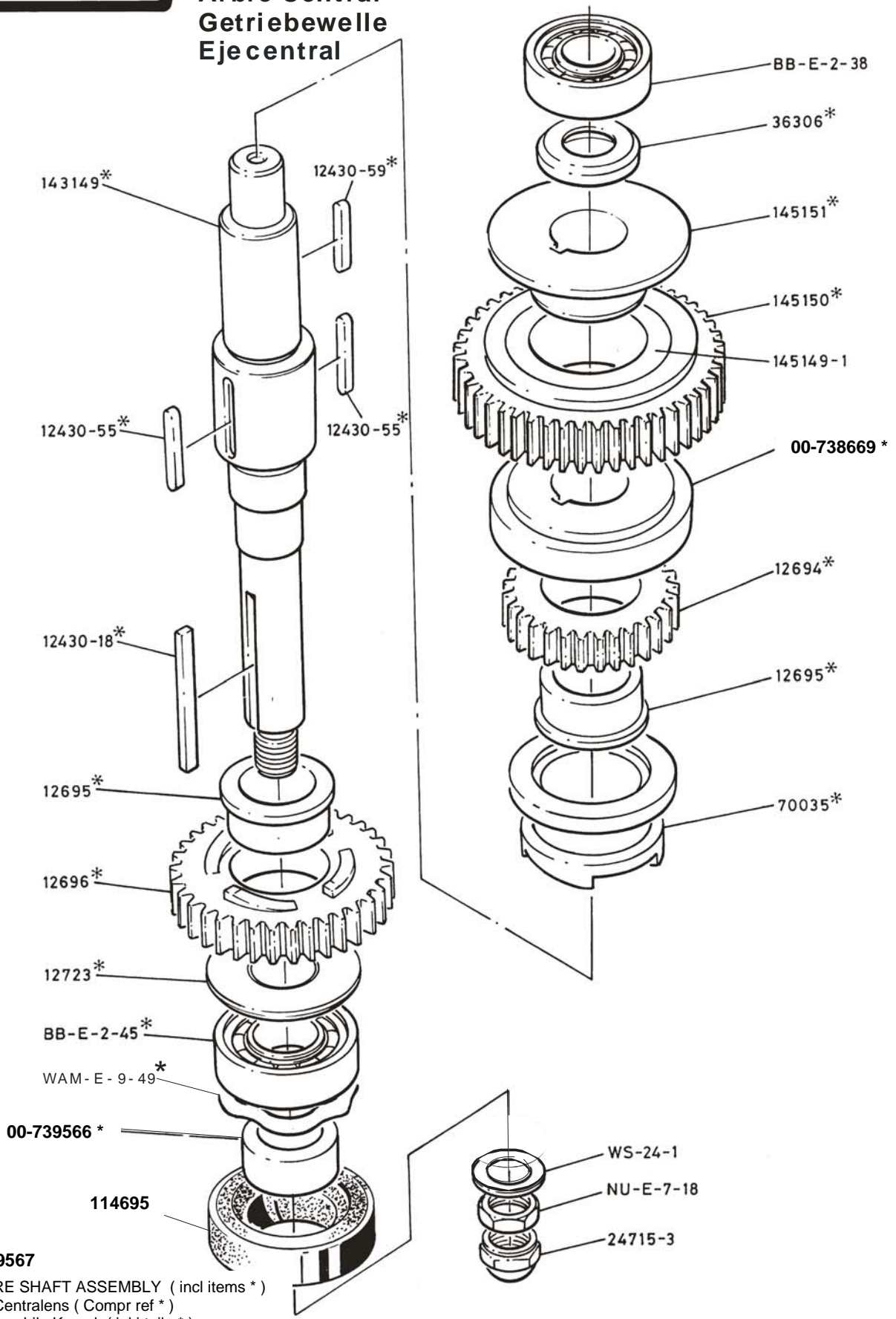
A200N





**Centre Shaft
Arbre Central
Getriebewelle
Eje central**

FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 3 FOR PRIOR MACHINES



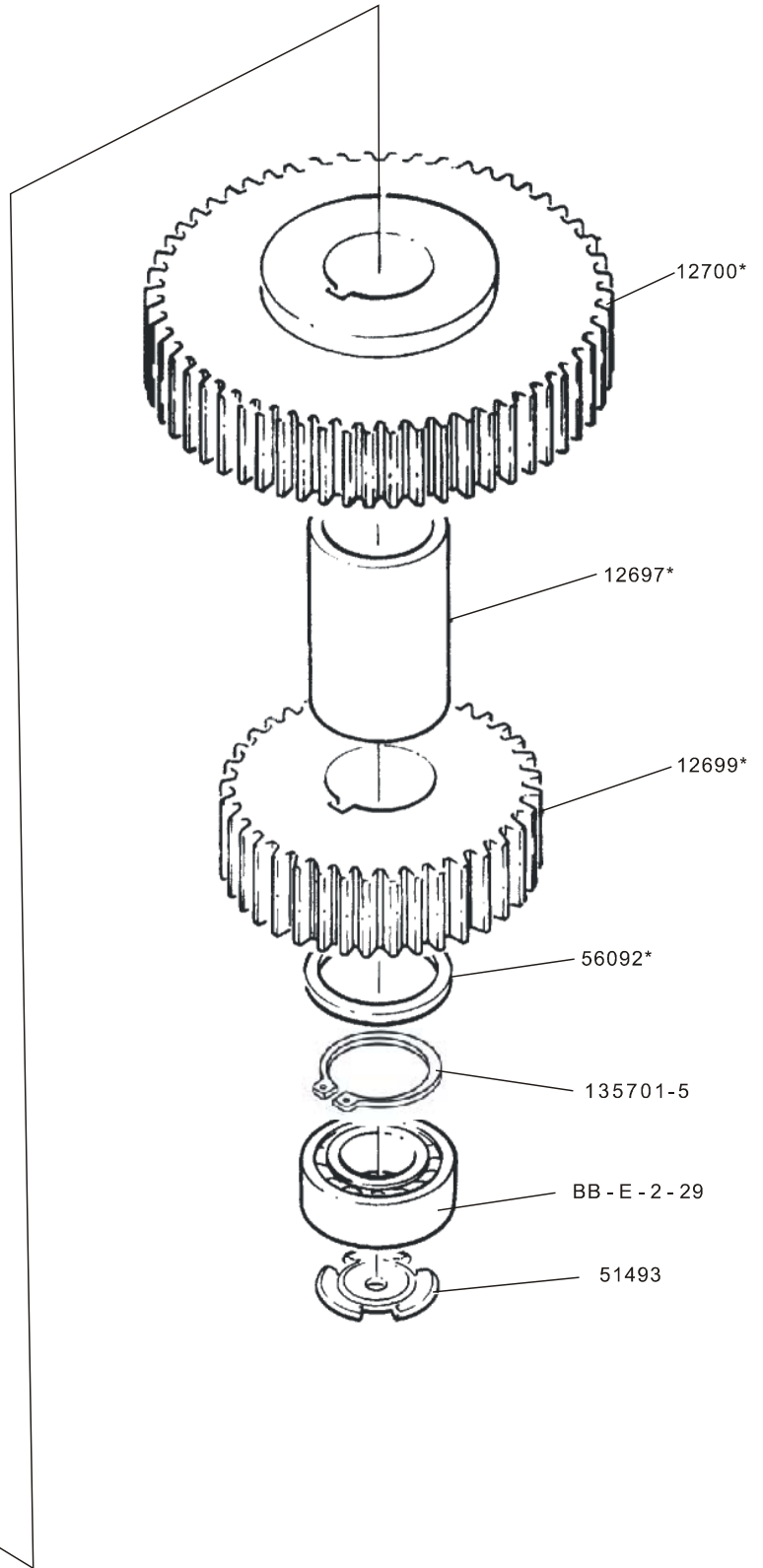
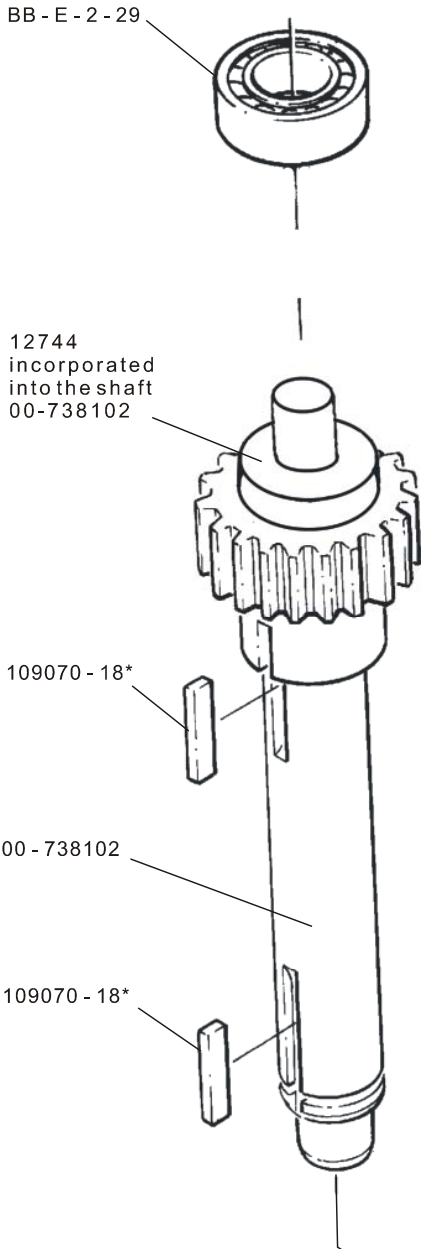
00-739567

CENTRE SHAFT ASSEMBLY (incl items *)
Arbre Centralens (Compr ref *)
Getriebewelle Kompl (inki teile *)

**Transmission Shaft
Arbre Intermédiaire
Antriebswelle**

A200N

Note NU-E-5-19 nut and thread on shaft 00-738102 removed from machines after 97 0167 675

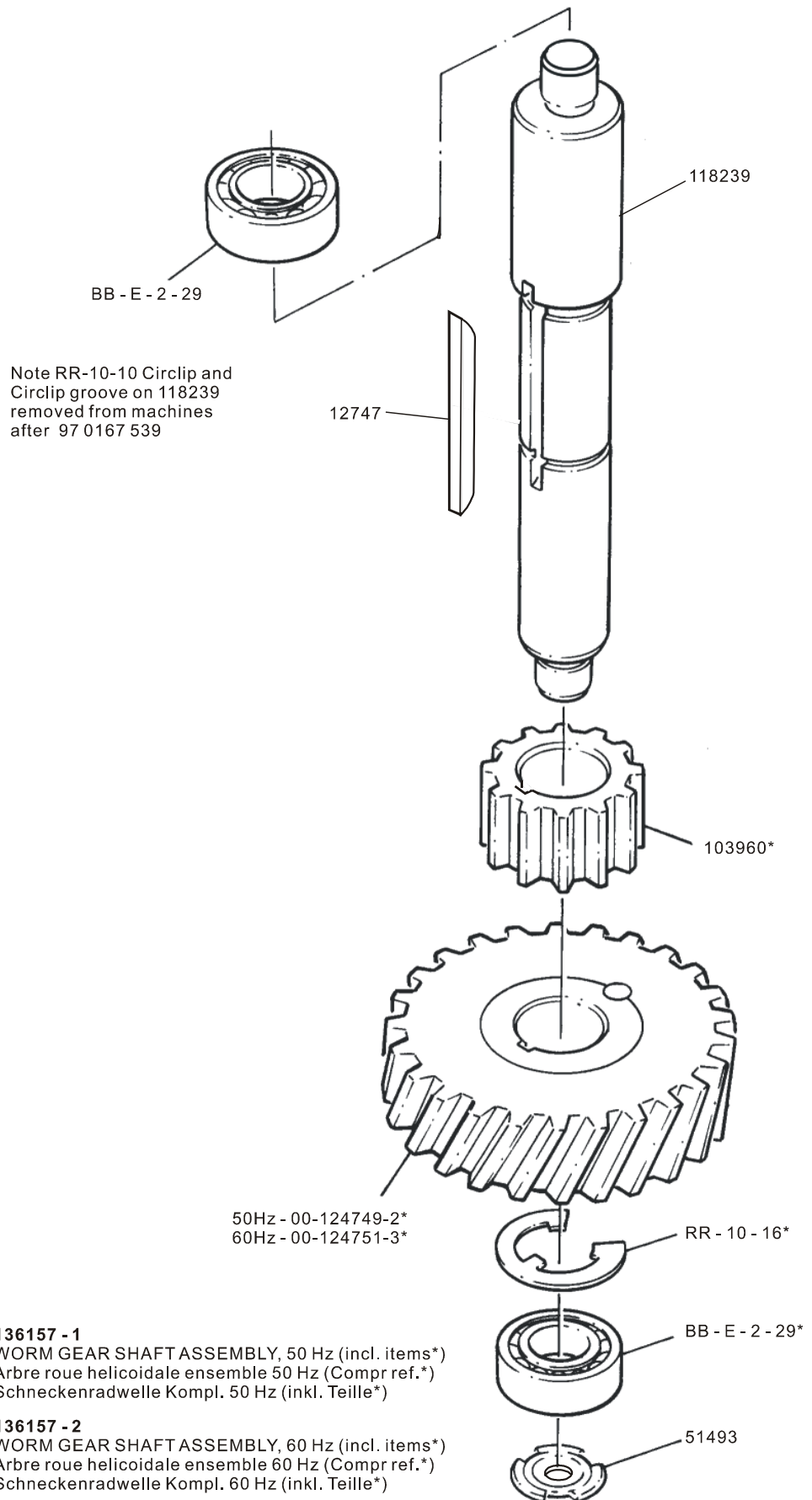


00 - 738115
 TRANSMISSION SHAFT, ASSEMBLY (incl. item*)
 arbre intermediaire, ensemble (compr. ref.*)
 Antriebswelle, komplett (inkl. Teile*)



**Worm Gear shaft
Arbre roue hélicoïdale
Schneckenradwelle**

A200N

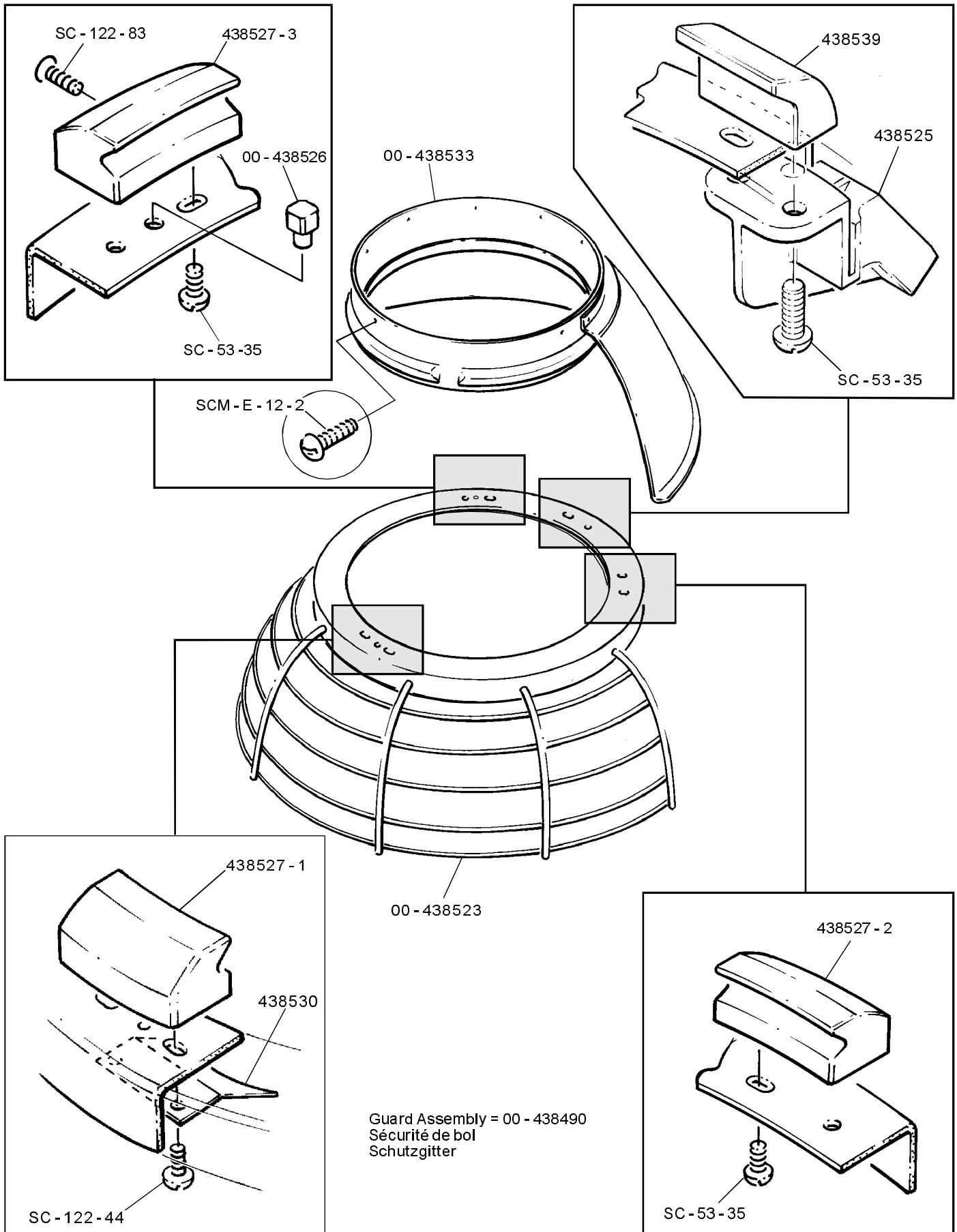


136157 - 1
WORM GEAR SHAFT ASSEMBLY, 50 Hz (incl. items*)
Arbre roue hélicoïdale ensemble 50 Hz (Compr ref.*)
Schneckenradwelle Kompl. 50 Hz (inkl. Teile*)

136157 - 2
WORM GEAR SHAFT ASSEMBLY, 60 Hz (incl. items*)
Arbre roue hélicoïdale ensemble 60 Hz (Compr ref.*)
Schneckenradwelle Kompl. 60 Hz (inkl. Teile*)

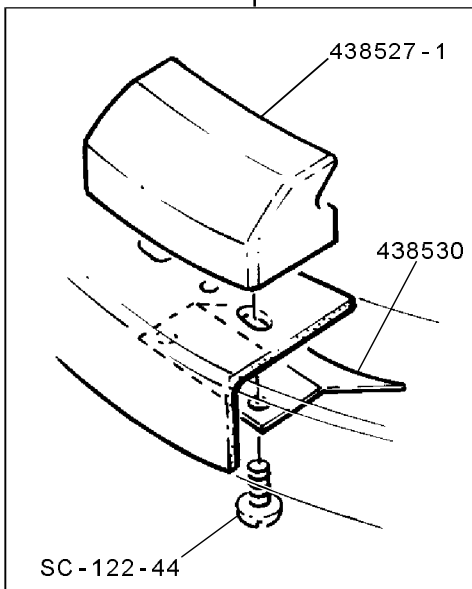
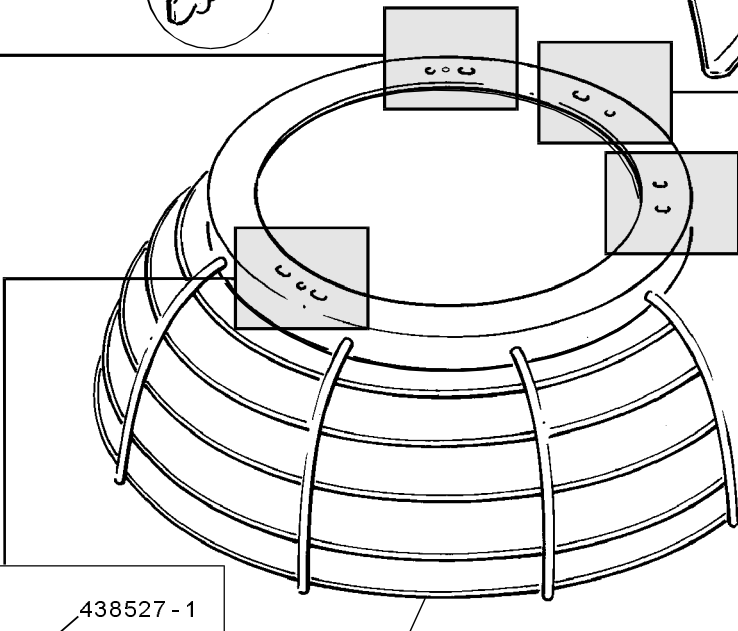
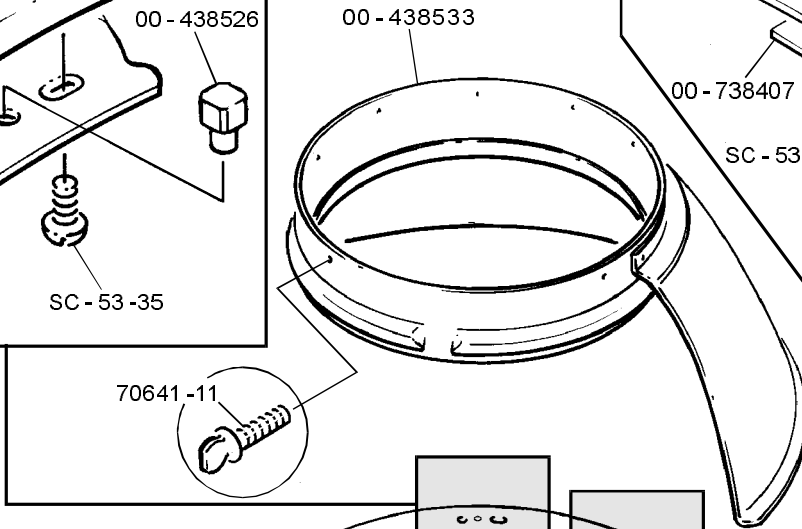
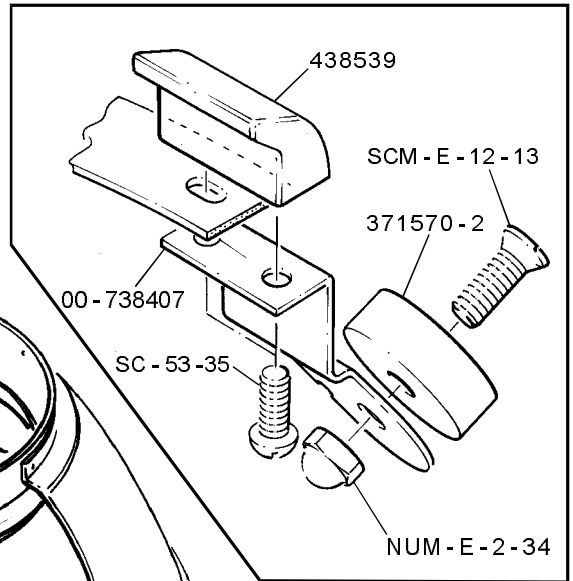
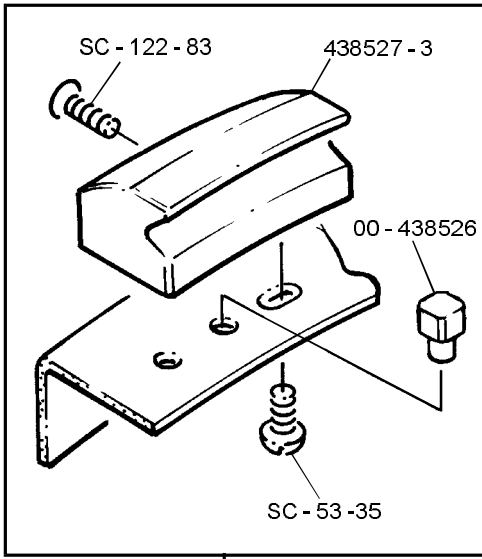
Guard Assembly
Sécurité de bol
Schutzgitter

A200N

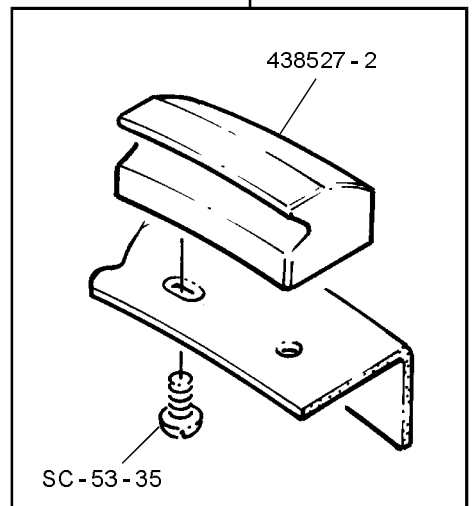




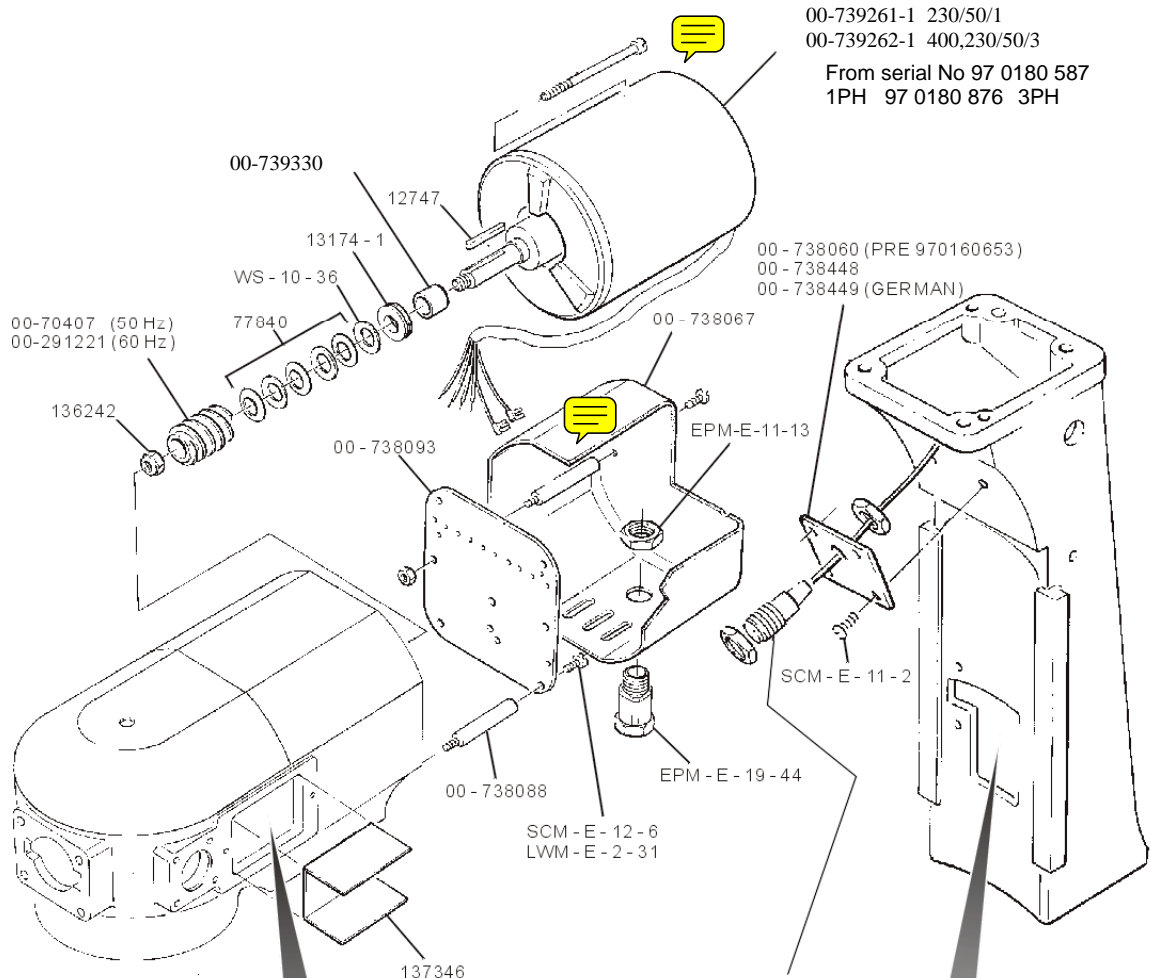
Guard Assembly (GERMAN)
Sécurité de bol
Schutzgitter



Guard Assembly = 00 - 738451
Sécurité de bol
Schutzgitter

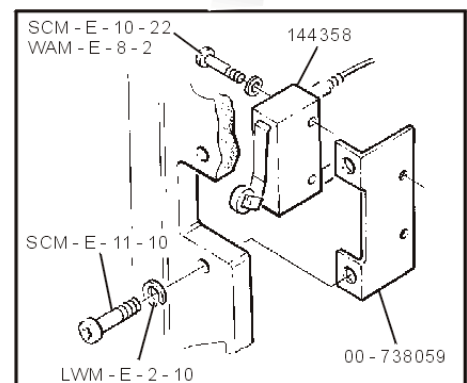
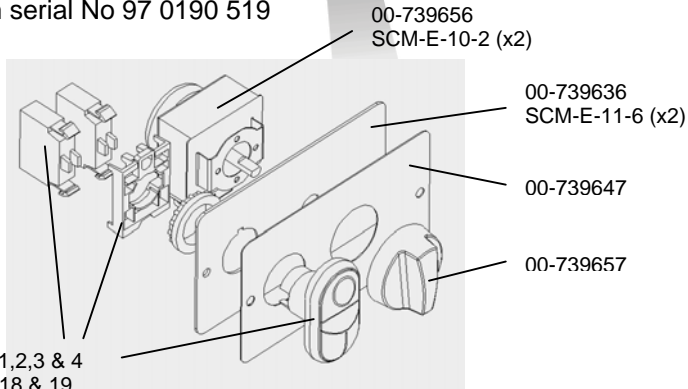


See appendix page 1 and 4



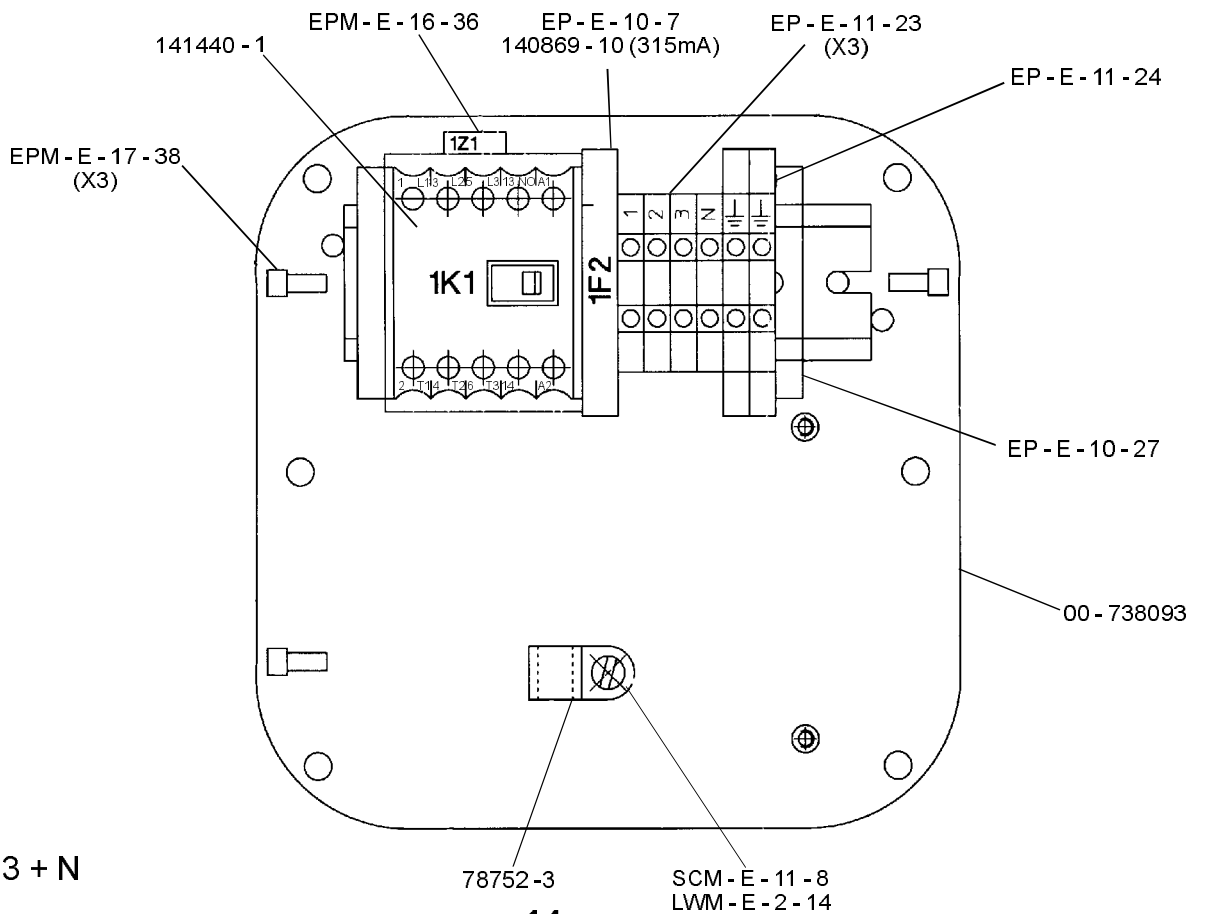
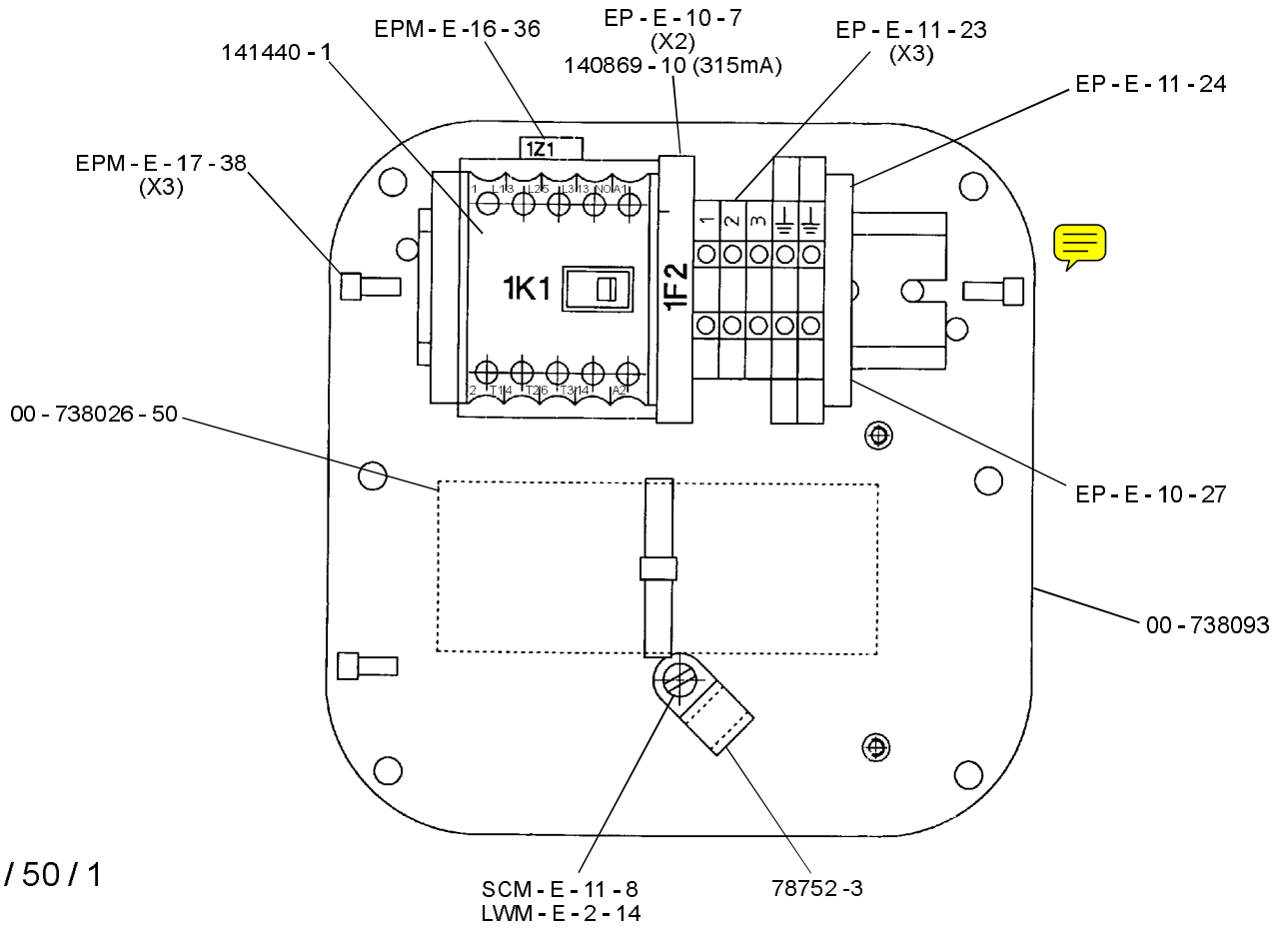
See page 17,18 & 19

Switch plate and timer
from serial No 97 0190 519



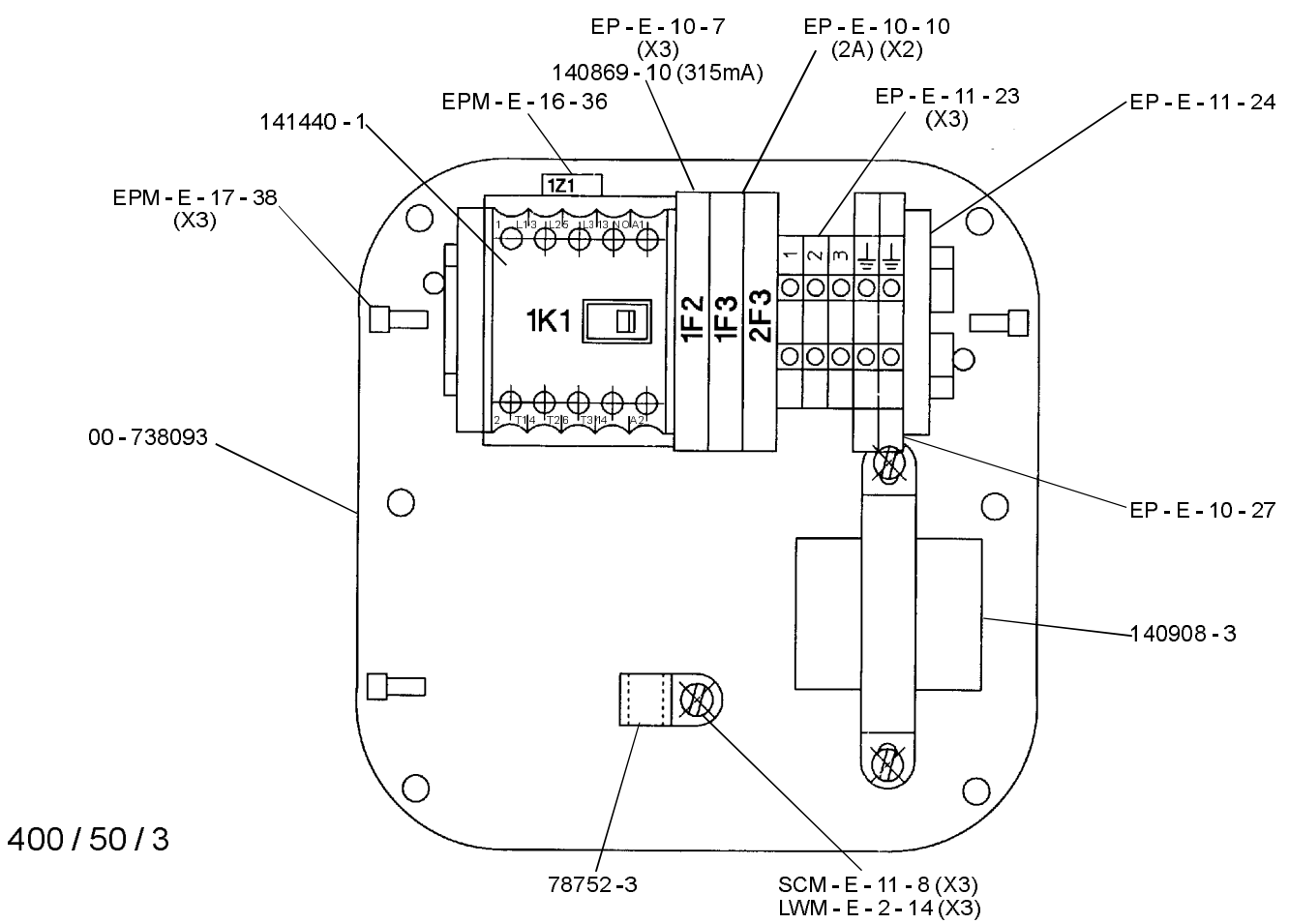
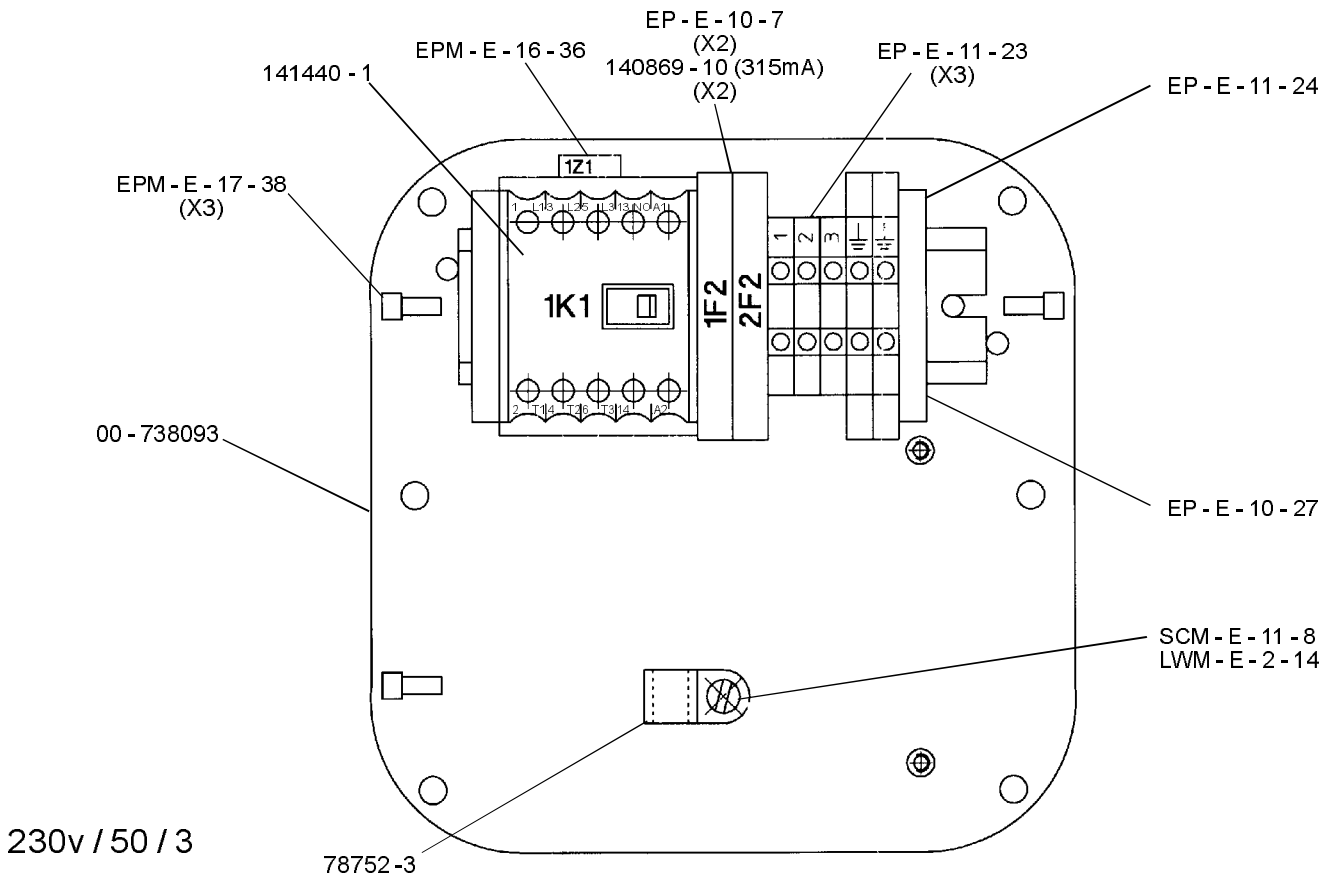


Electrical Parts (230v/50/1 & 400/50/3+N) Auxiliares eléctricas Electroteile



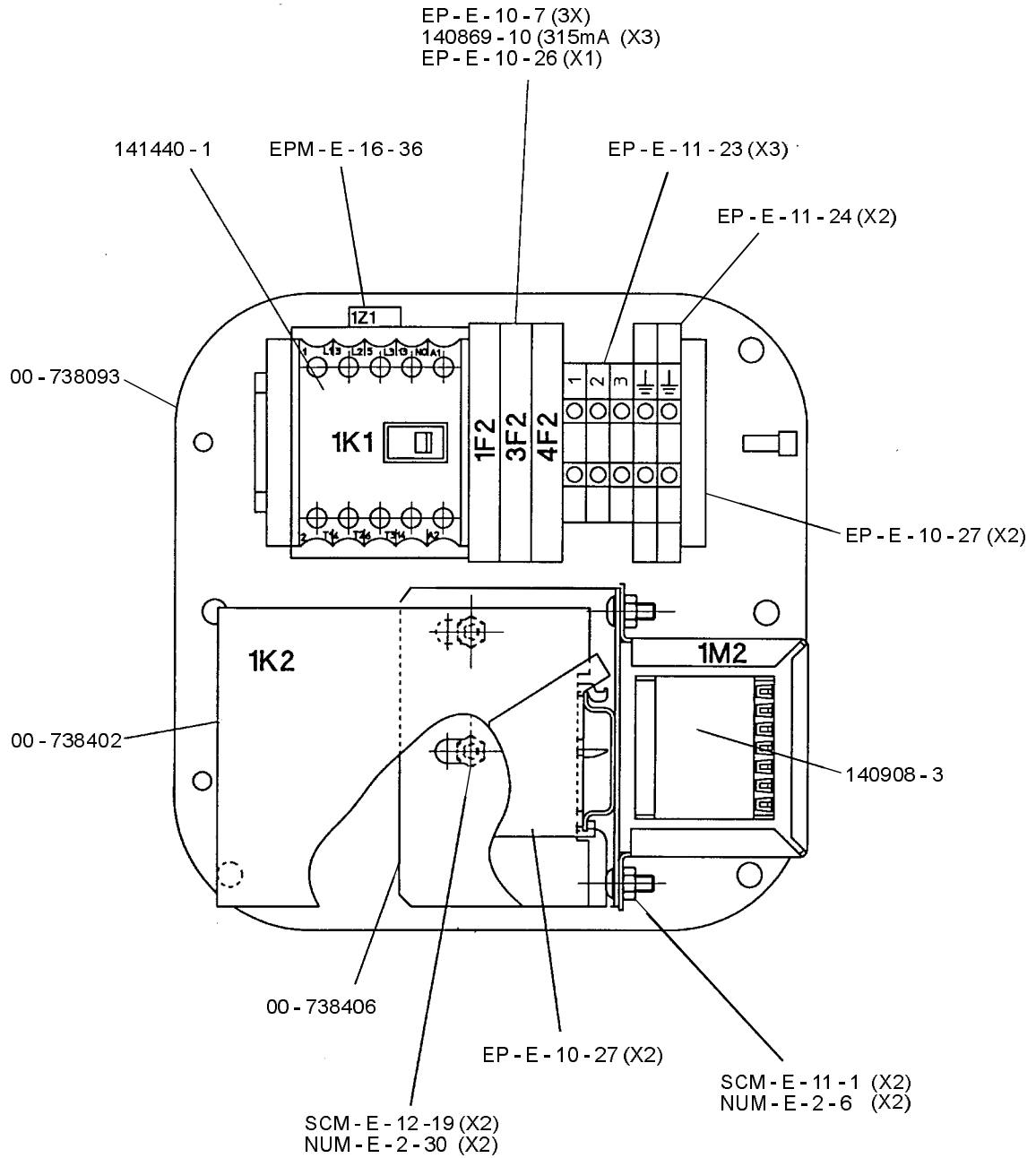
Electrical Parts (230v/50/3 & 400/50/3)
Auxiliares eléctricas
Electroteile

A200N



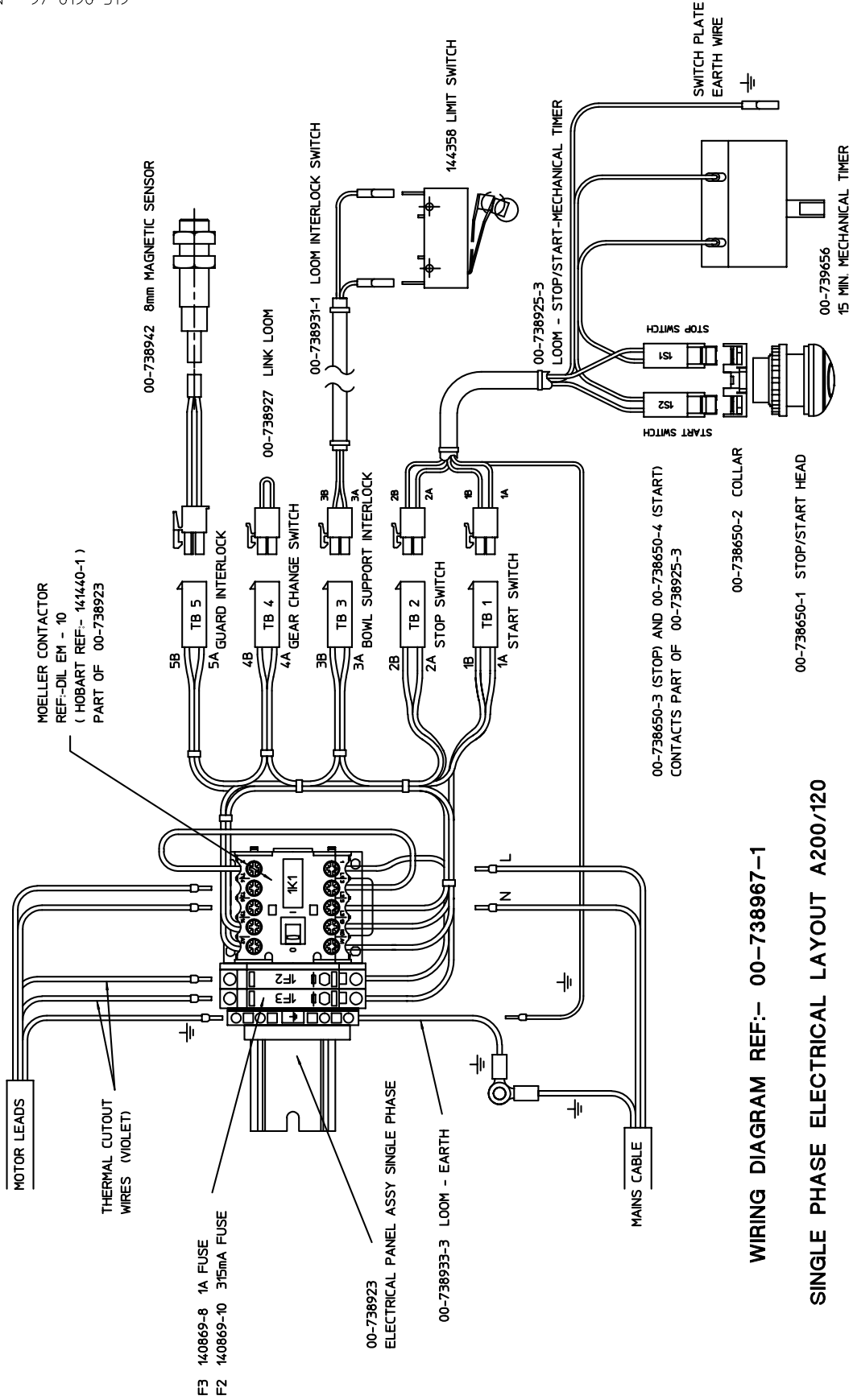


Electrical Parts (400/50/3 GERMAN)
Auxiliares eléctricas
Electroteile



400/50/3 (GERMAN)

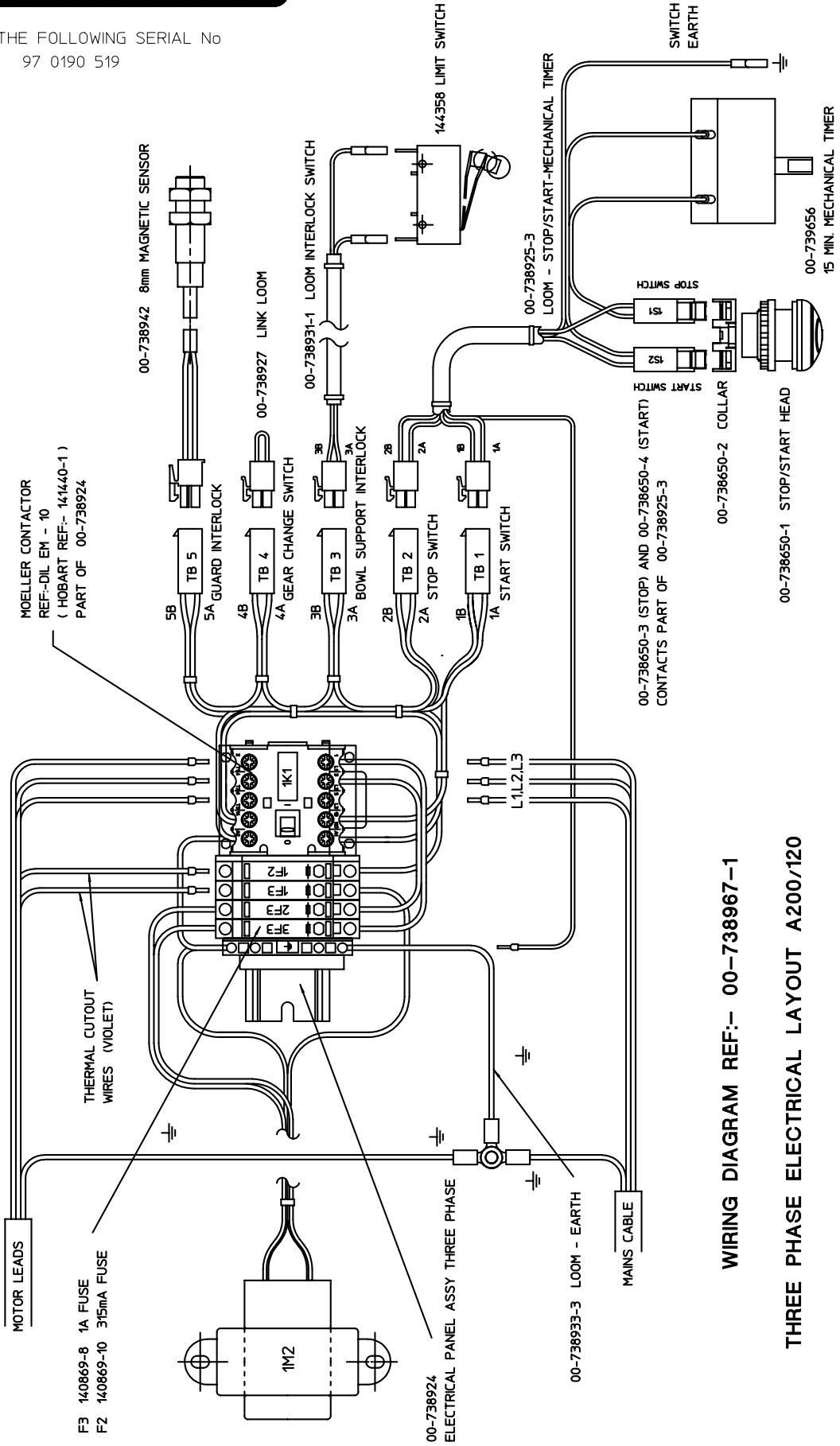
FROM THE FOLLOWING SERIAL No
A120/200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

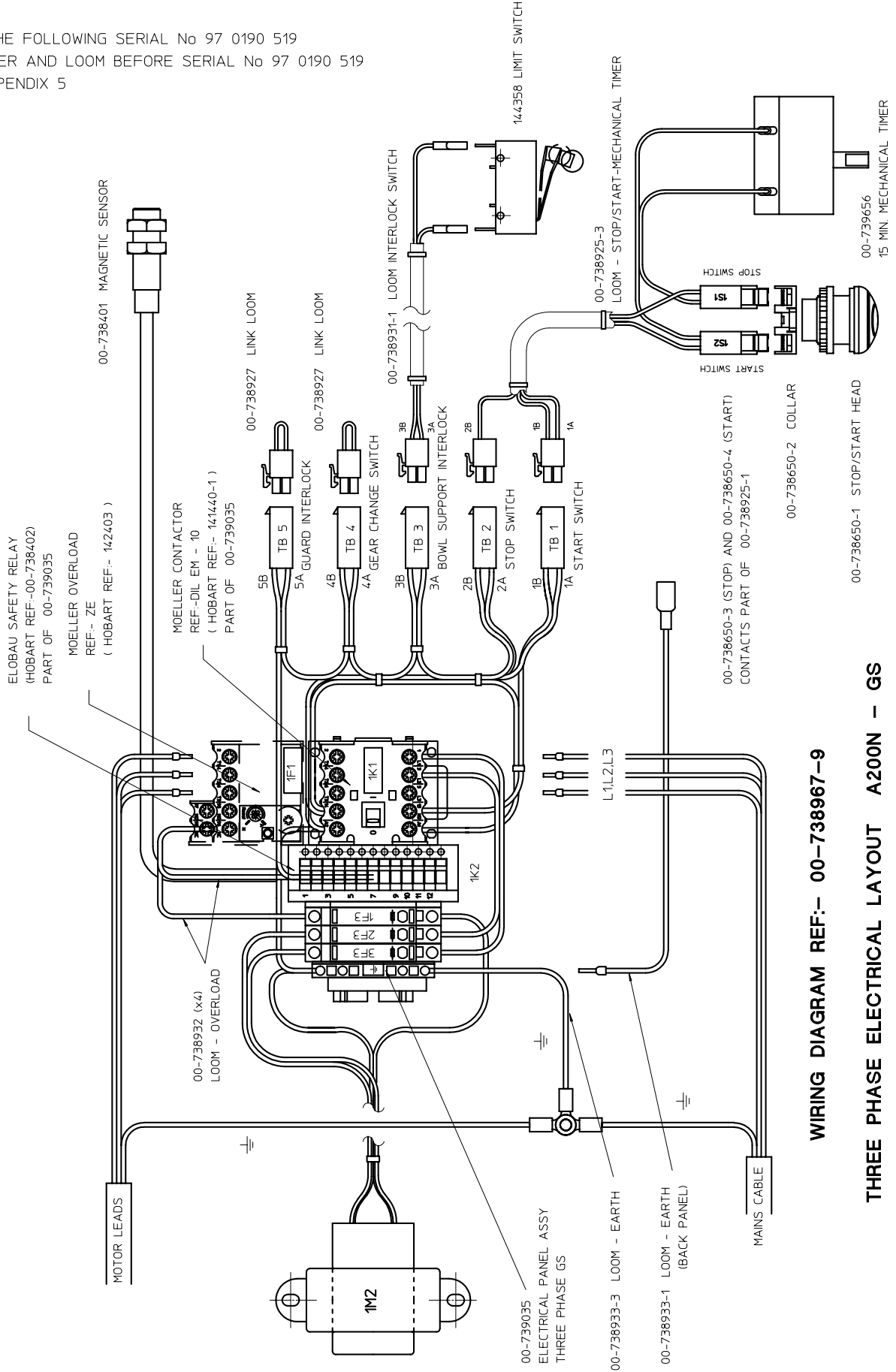
FROM THE FOLLOWING SERIAL No
A200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

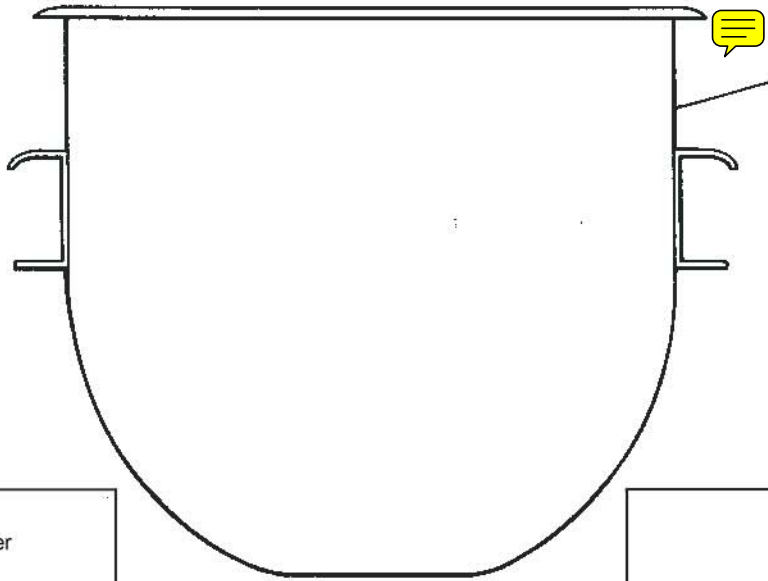
THREE PHASE ELECTRICAL LAYOUT A200/120

FROM THE FOLLOWING SERIAL No 97 0190 519
 FOR TIMER AND LOOM BEFORE SERIAL No 97 0190 519
 SEE APPENDIX 5



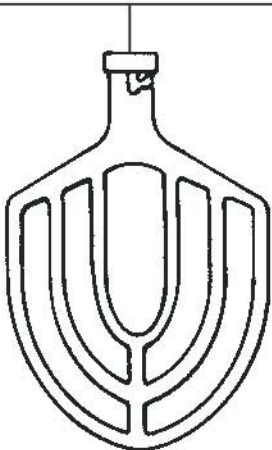
WIRING DIAGRAM REF:- 00-738967-9

THREE PHASE ELECTRICAL LAYOUT A200N - GS



62104 20qt
 00-738450 10qt

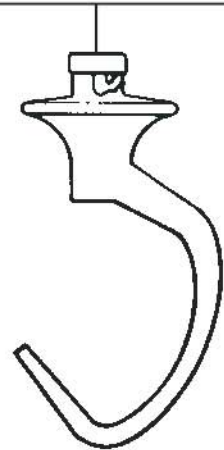
- 23126 20Lt "B" Beater
- 136915 10Lt "B" Beater
- 275559 20Lt "B" Beater ST.ST
- 136915-1 10Lt "B" Beater ST.ST



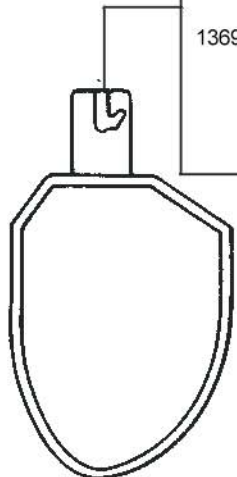
- 40293 20Lt "ED" Hook



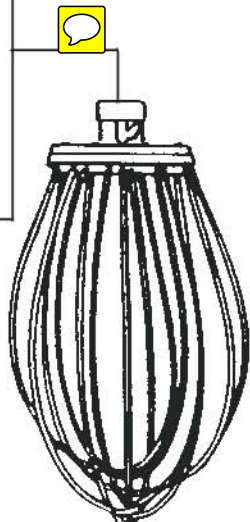
- 136912 10Lt "E" Hook



- 74286 20Lt "PK" Pastry knife
- 136914-2 10Lt "PK" Pastry knife ST.ST



- 23511-M 20D Whip
- 140249 10D Whip

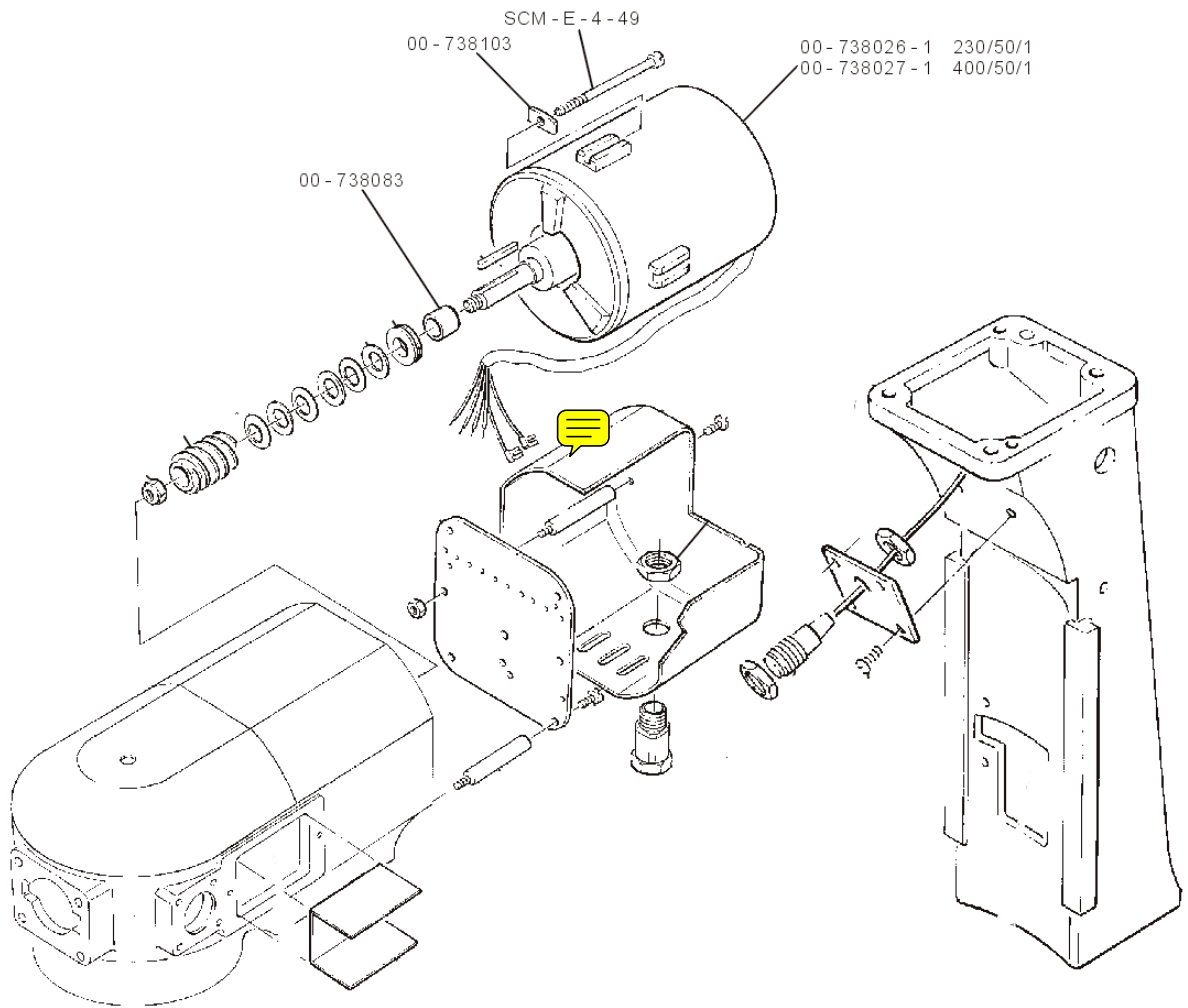




Electrical parts
Pièces Electriques
Elektoteile

A200N

Before serial No 97 0180 587 1PH 97 0180 876 3PH

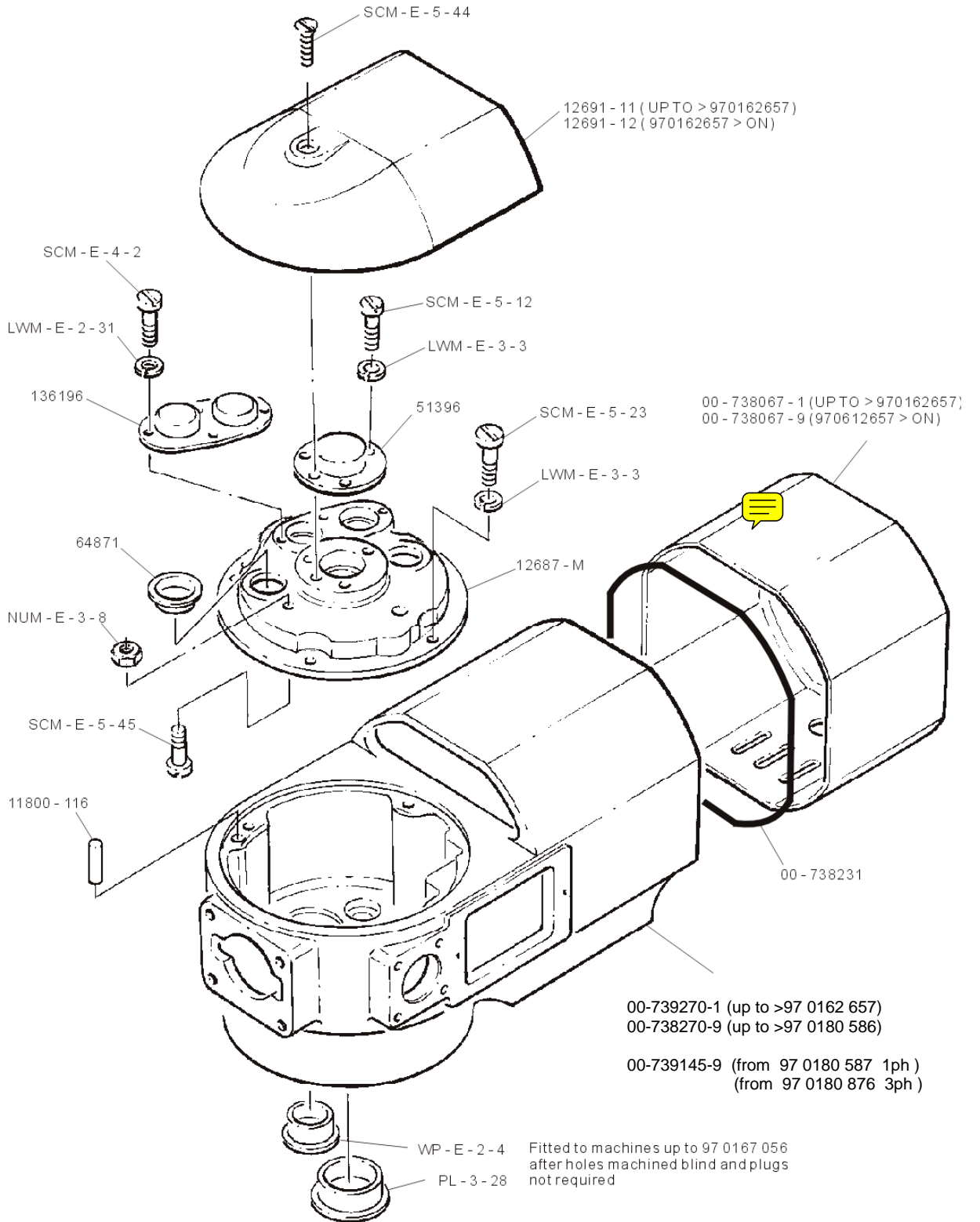


Appendix 1



Transmission case
Boîte de Vitesses
Antriebsgehäuse

A200N

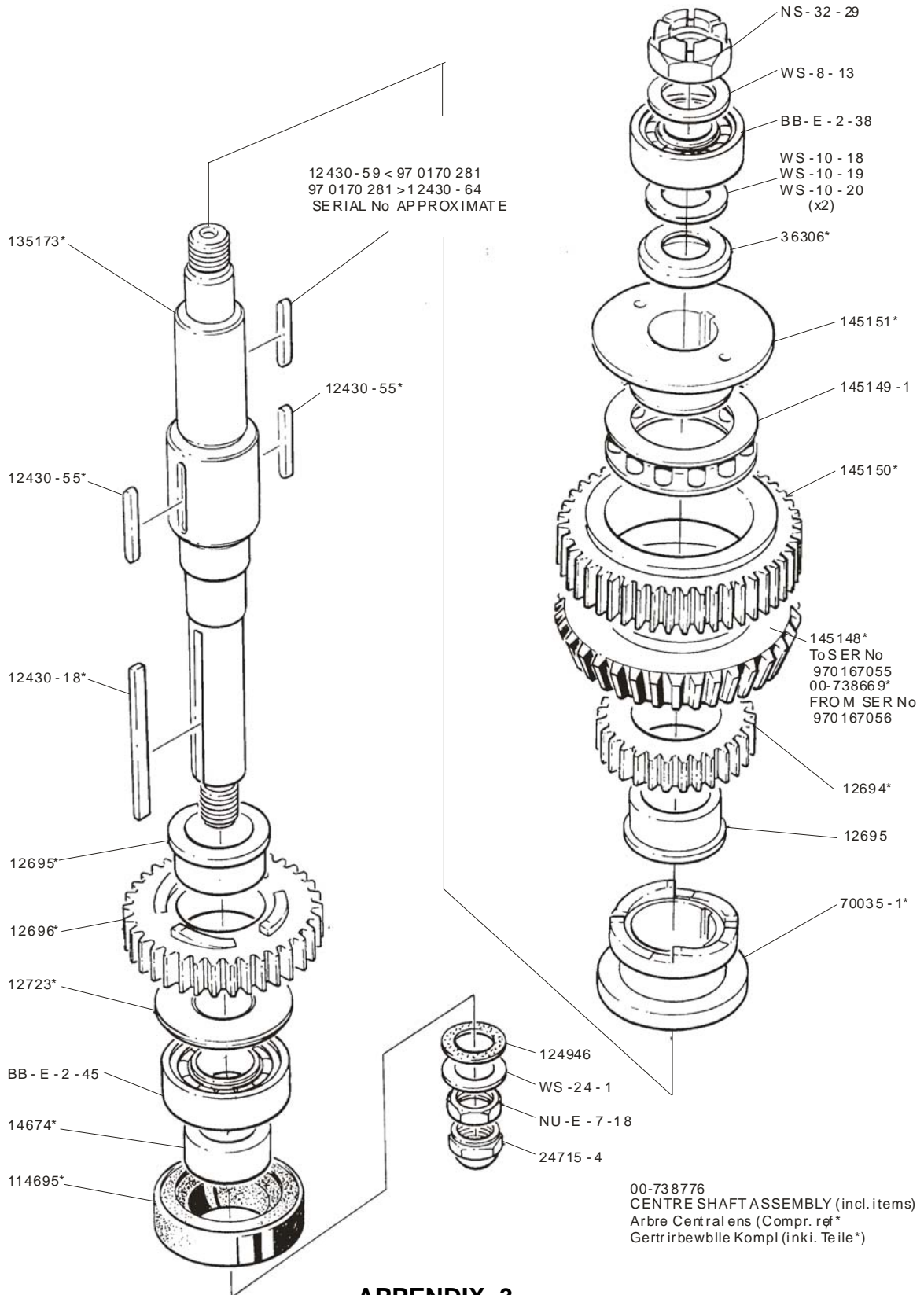


APPENDIX 2

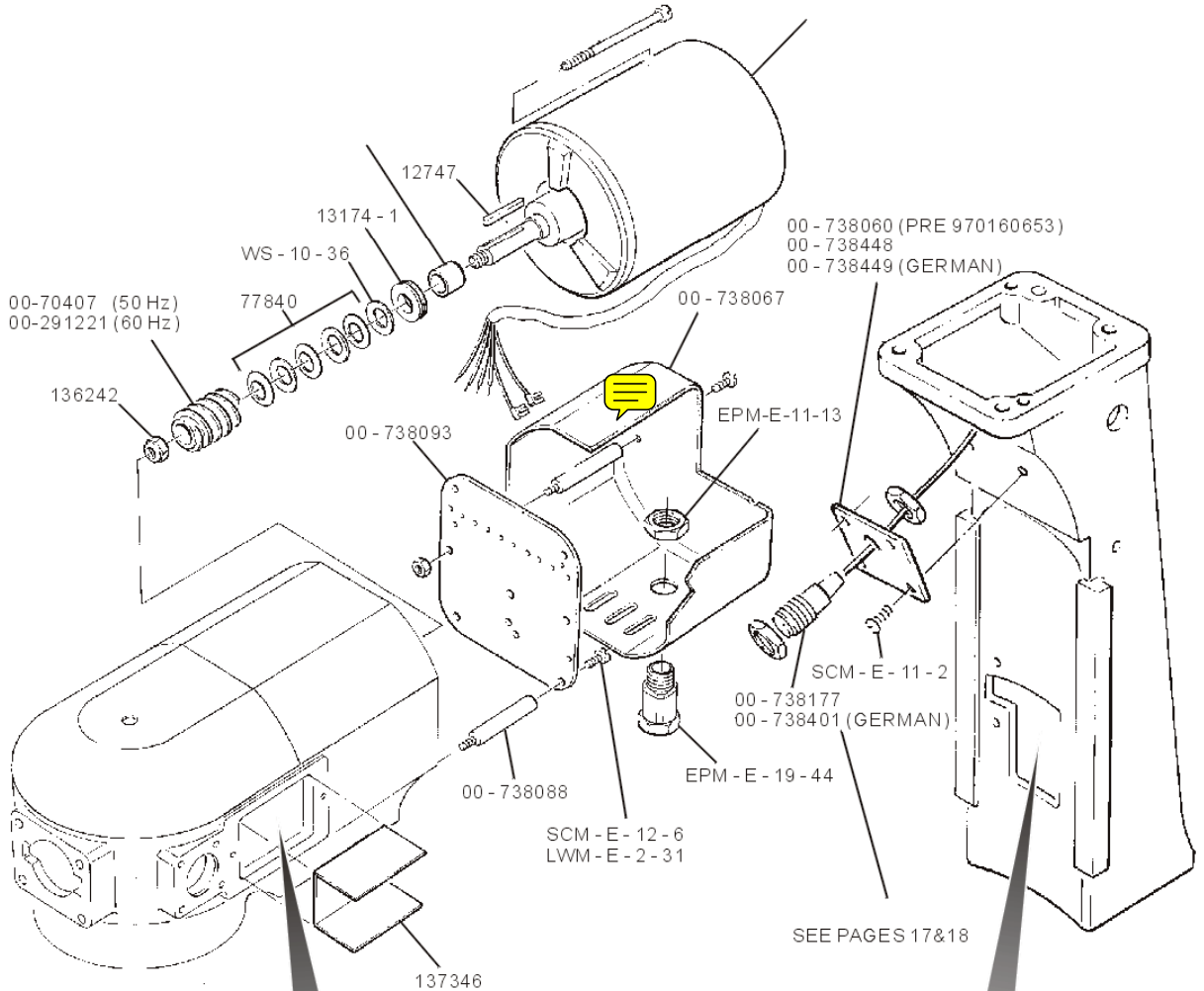


Transmission case
Boîte de Vitesses
Antriebsgehäuse

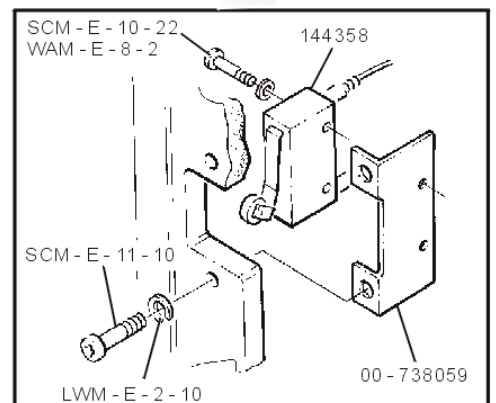
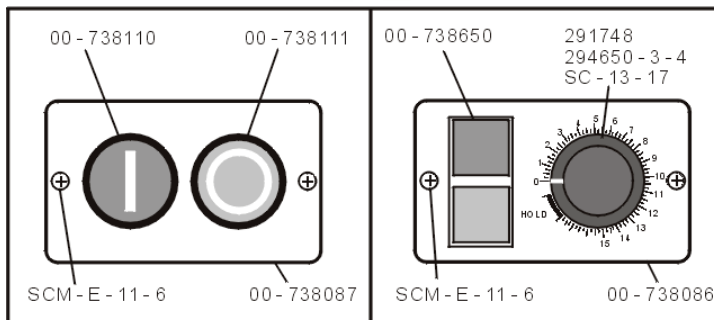
A200N



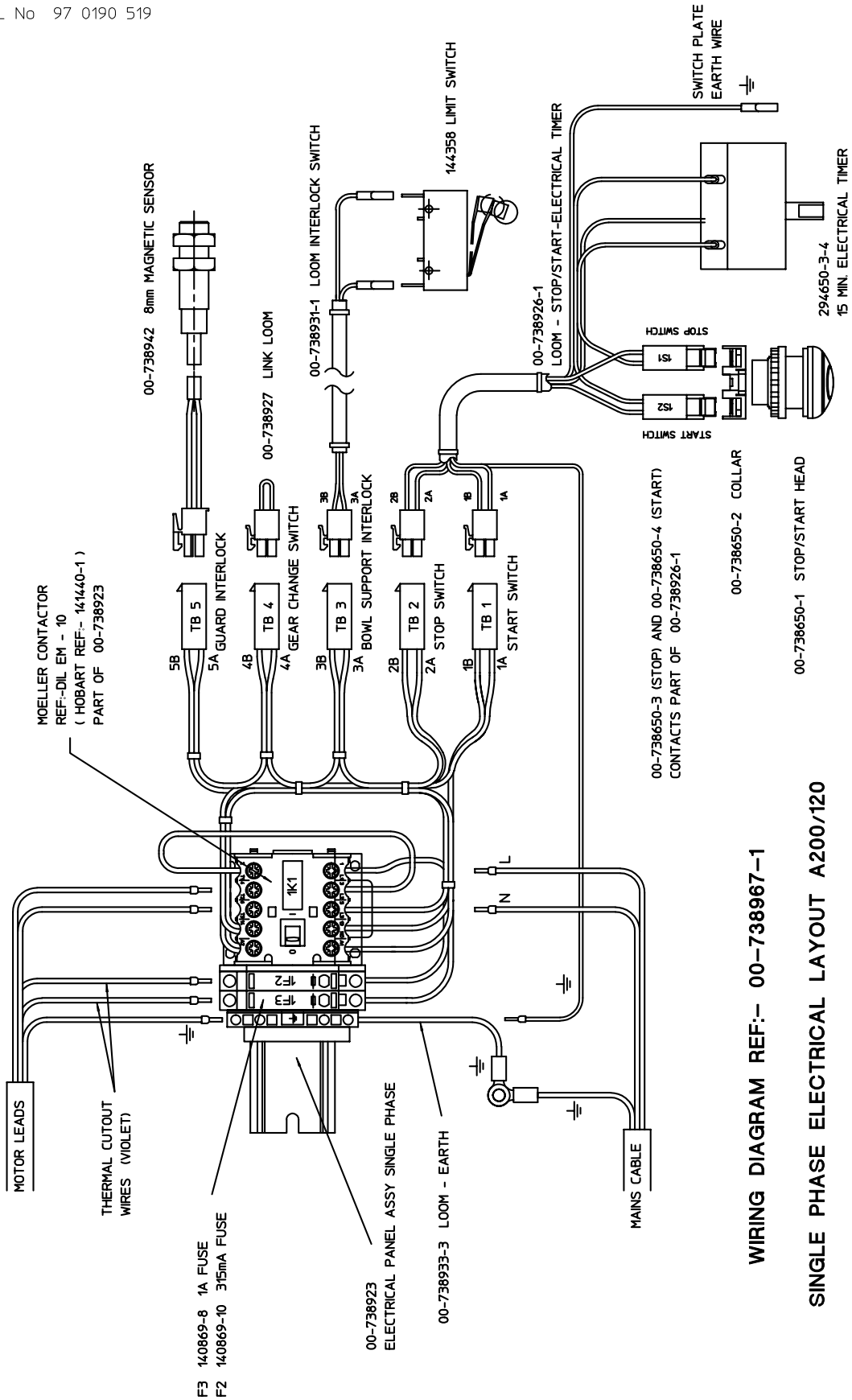
APPENDIX 3



Switch plates
before serial No 97 0190 519



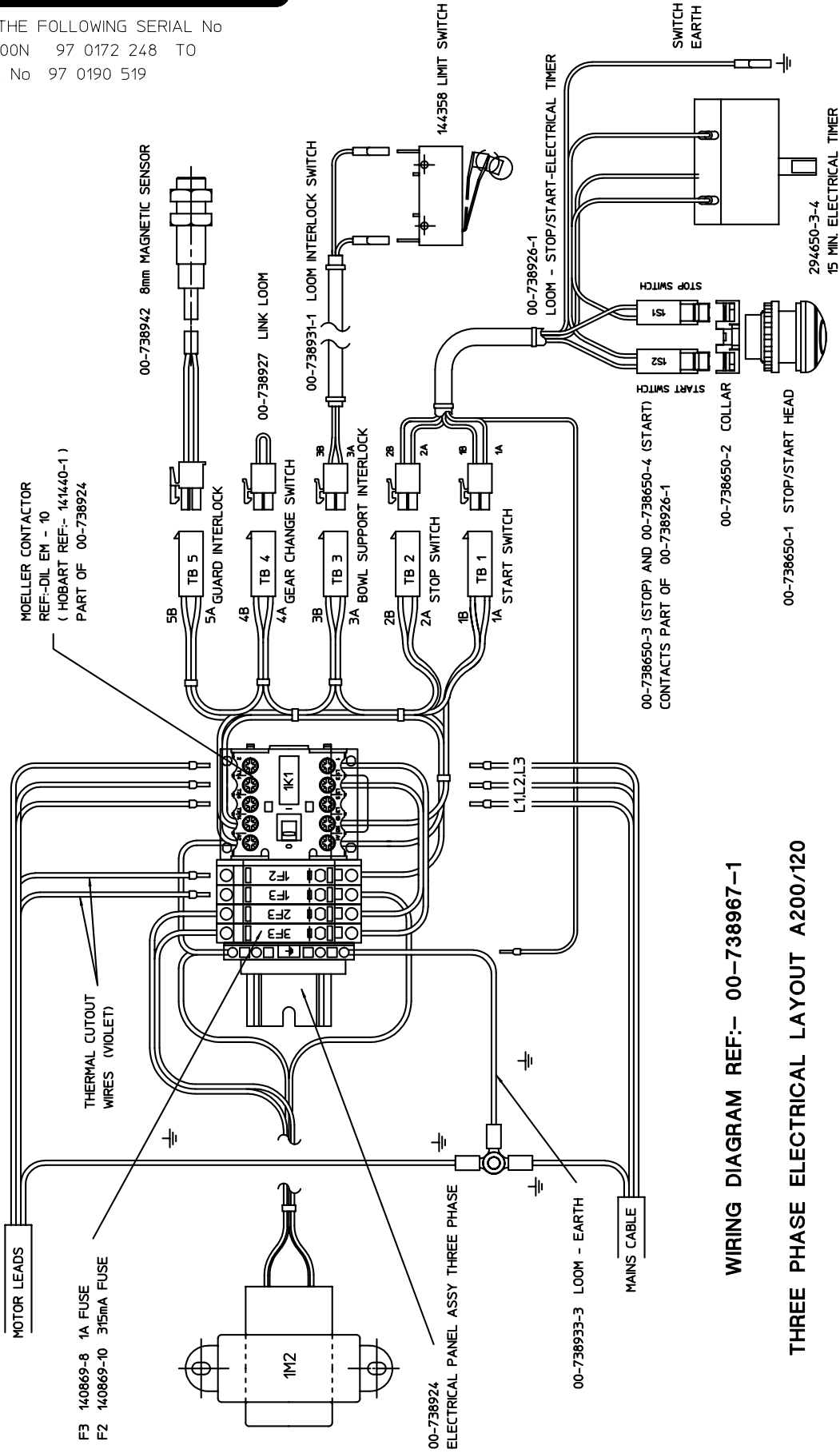
FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 672
 TO SERIAL No 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 248 TO
 SERIAL No 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

THREE PHASE ELECTRICAL LAYOUT A200/120



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HOBART SERVICE UK

0844 888 7777

**Hobart UK
Hobart House, 51 The Bourne,
Southgate, London N14 6RT
Tel: 020 8920 2800 Fax 020 8886 0450
www.hobartuk.com**

Continued product improvement is a Hobart UK policy, specifications may change without notice.

HOBART SERVICE GERMANY

SERVICE-INFORMATIONEN UND -TELEFONNUMMERN.

Ausführliche Informationen erhalten Sie bei Ihrem Fachhändler, oder unter:

Service Tel. 01803 / 45 62 58 – www.hobart.de – info@hobart.de (innerhalb Deutschland)

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HOBART SERVICE FRANCE

Telephone : 0825021222

Hobart ayant une politique d'amélioration constante de ses produits, les spécifications peuvent changer sans préavis.



Catalogue of Replacement Parts
Catalogue de Pièces de Rechange
Ersatzteilkatalog



A200N



PLE 200460-J-09-10
EU 8434



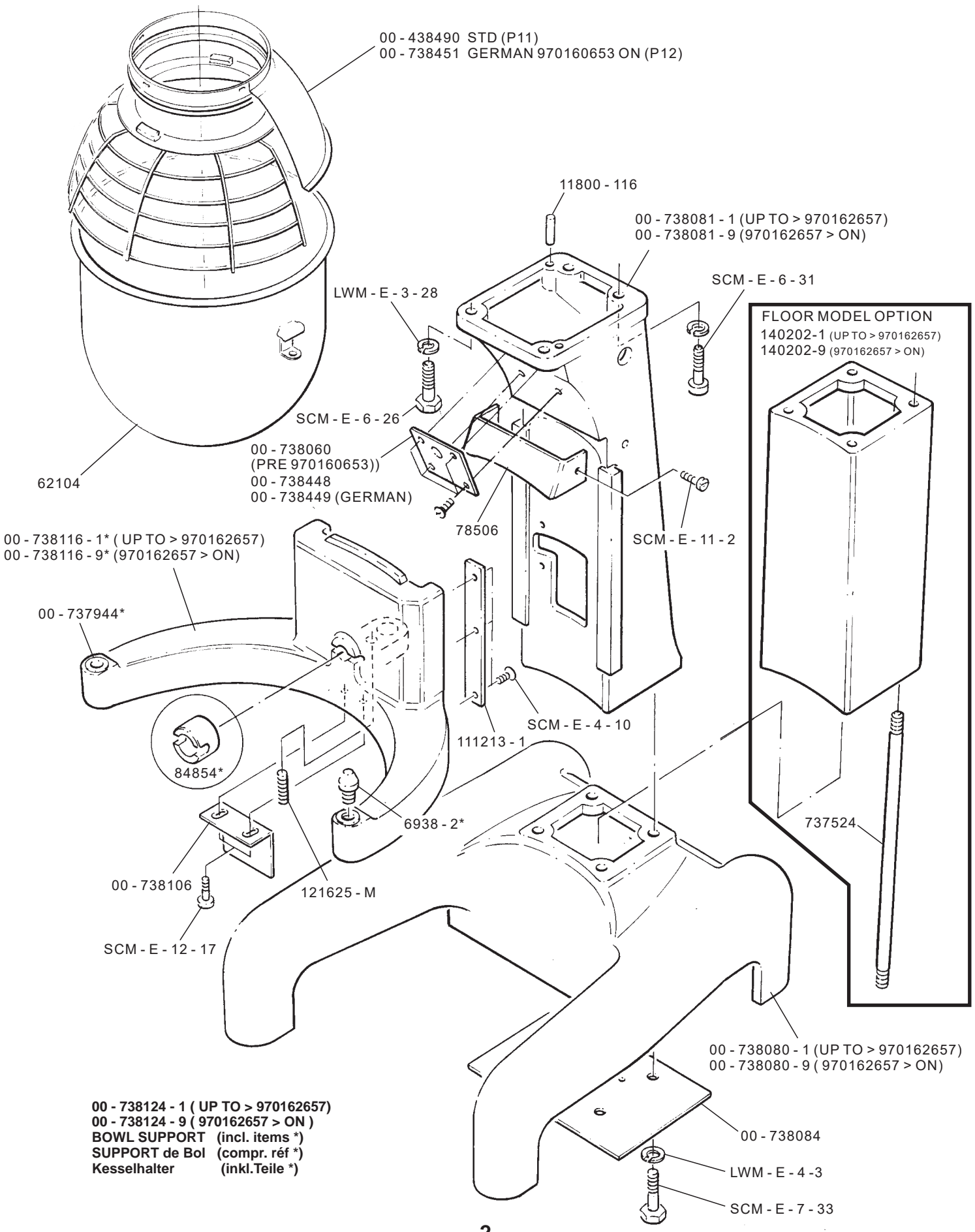
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Base, Pedestal and Bowl Unit
Base, colonne, support de bol
Fuß, Säule und Kessel halter



FLOOR MODEL OPTION
 140202-1 (UP TO > 970162657)
 140202-9 (970162657 > ON)

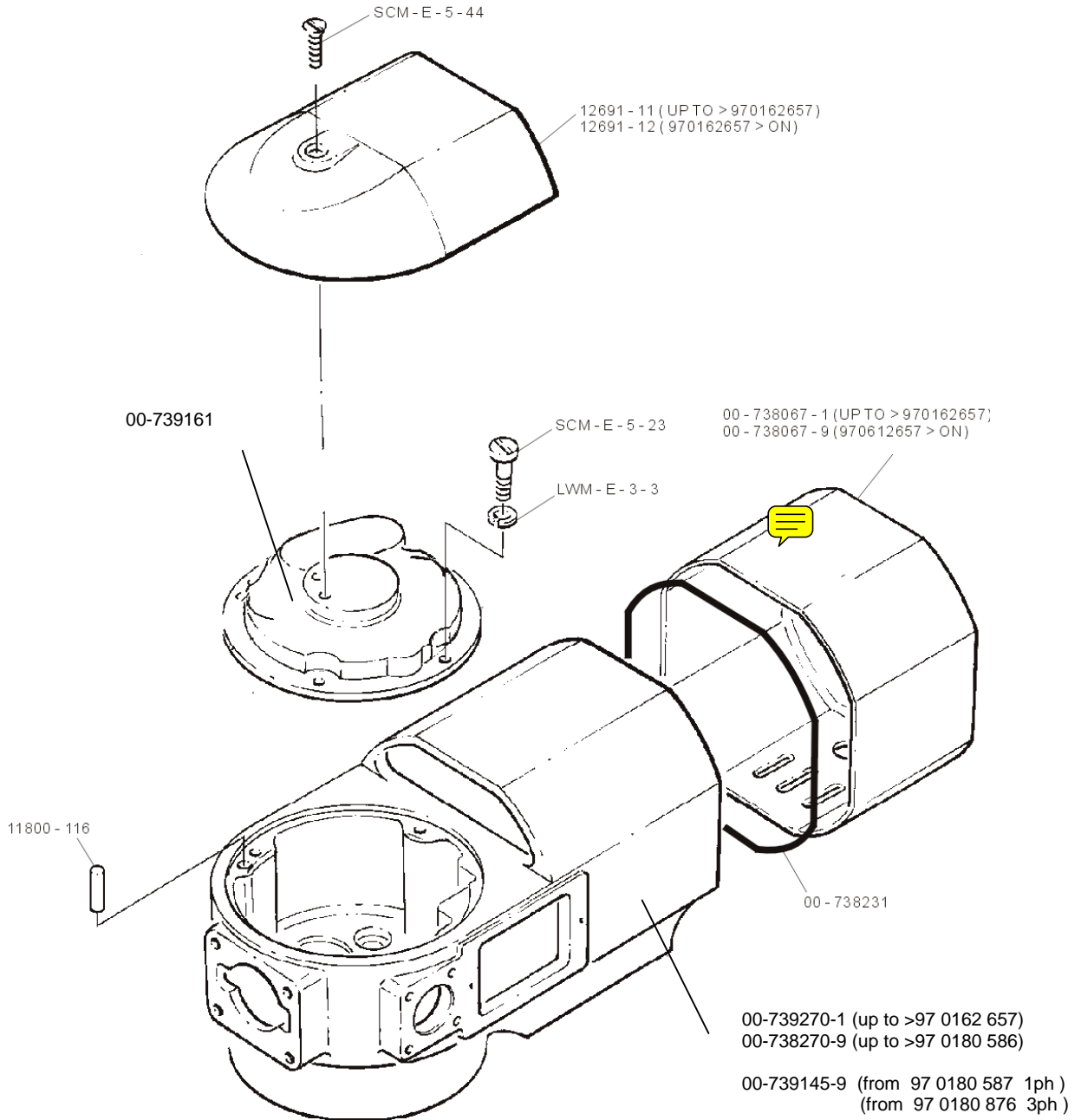
00 - 738124 - 1 (UP TO > 970162657)
 00 - 738124 - 9 (970162657 > ON)
BOWL SUPPORT (incl. items *)
SUPPORT de Bol (compr. réf *)
Kesselhalter (inkl. Teile *)

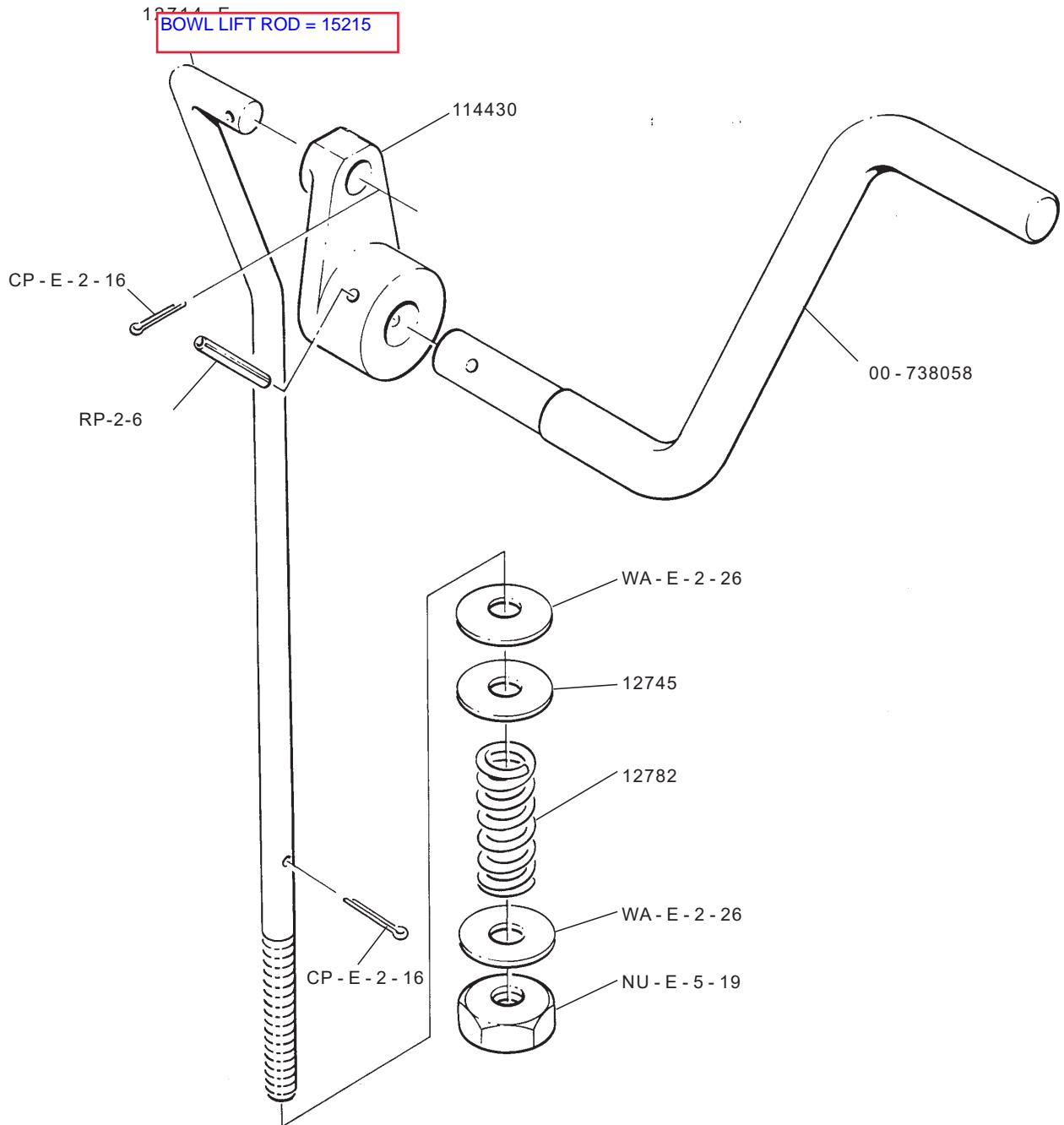


Transmission case
Boîte de Vitesses
Antriebsgehäuse

A200N

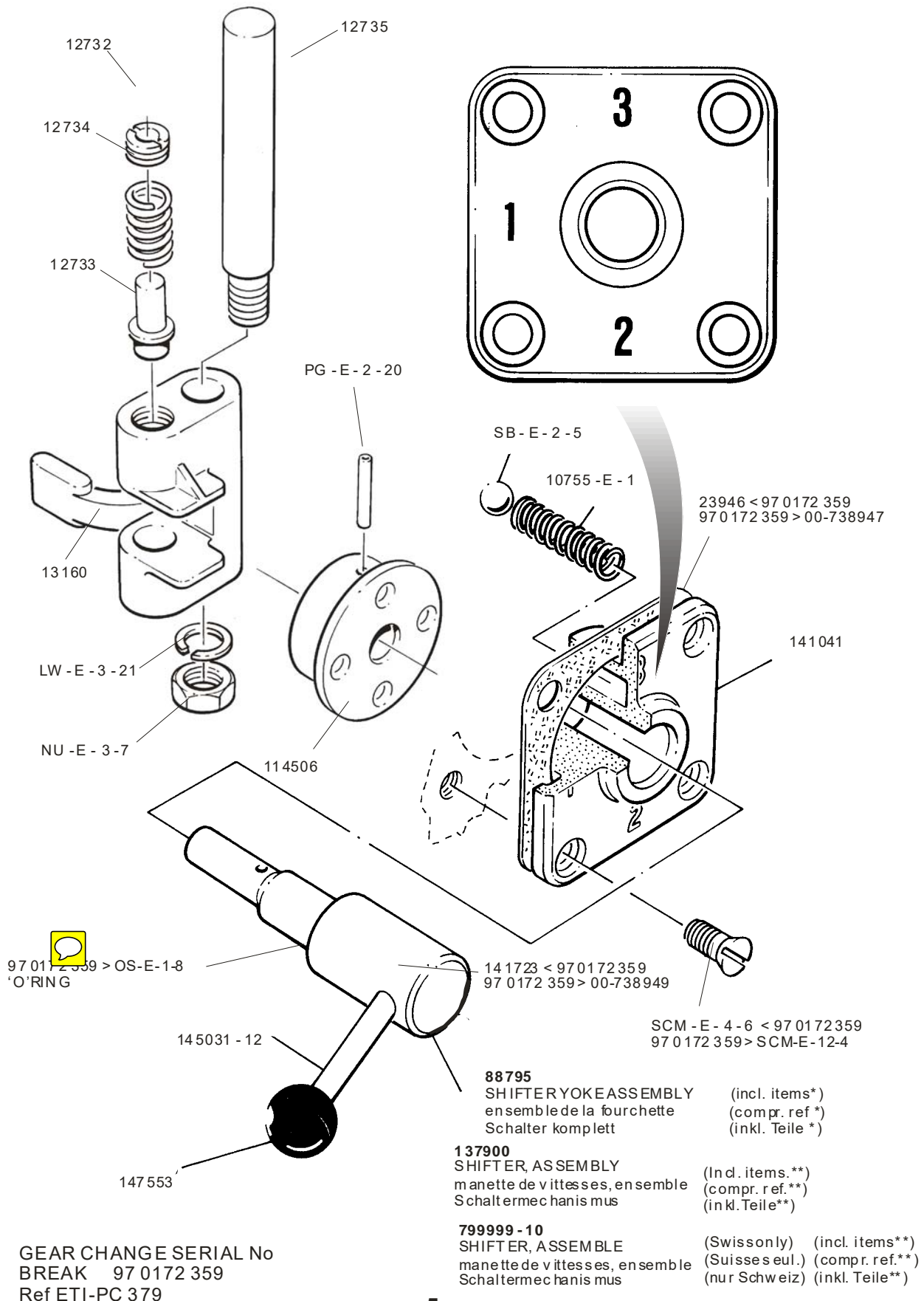
FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 2 FOR PRIOR MACHINES

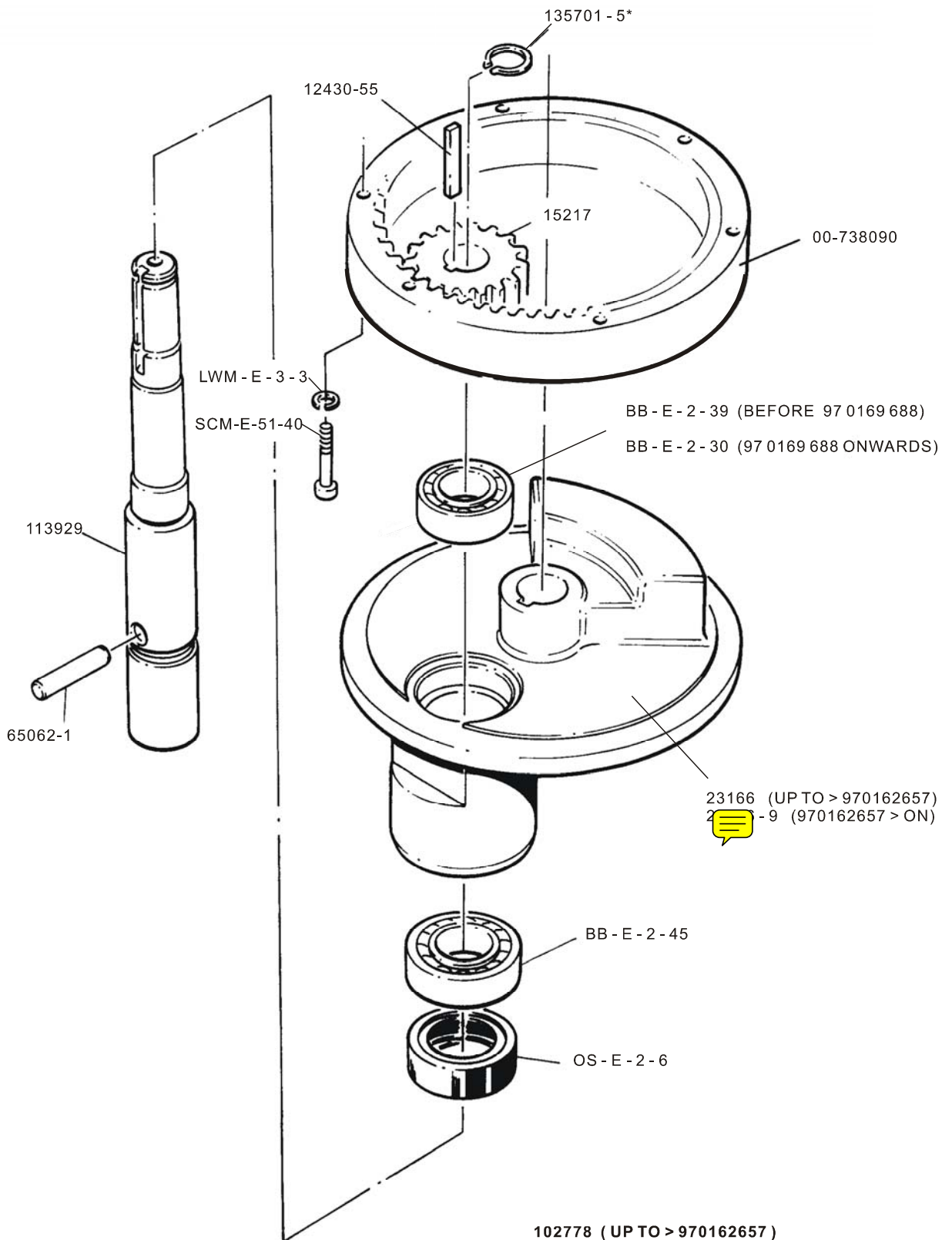




Shifter Unit
Changement de Vitesses
Geschwindigkeitswahlschalter

A200N



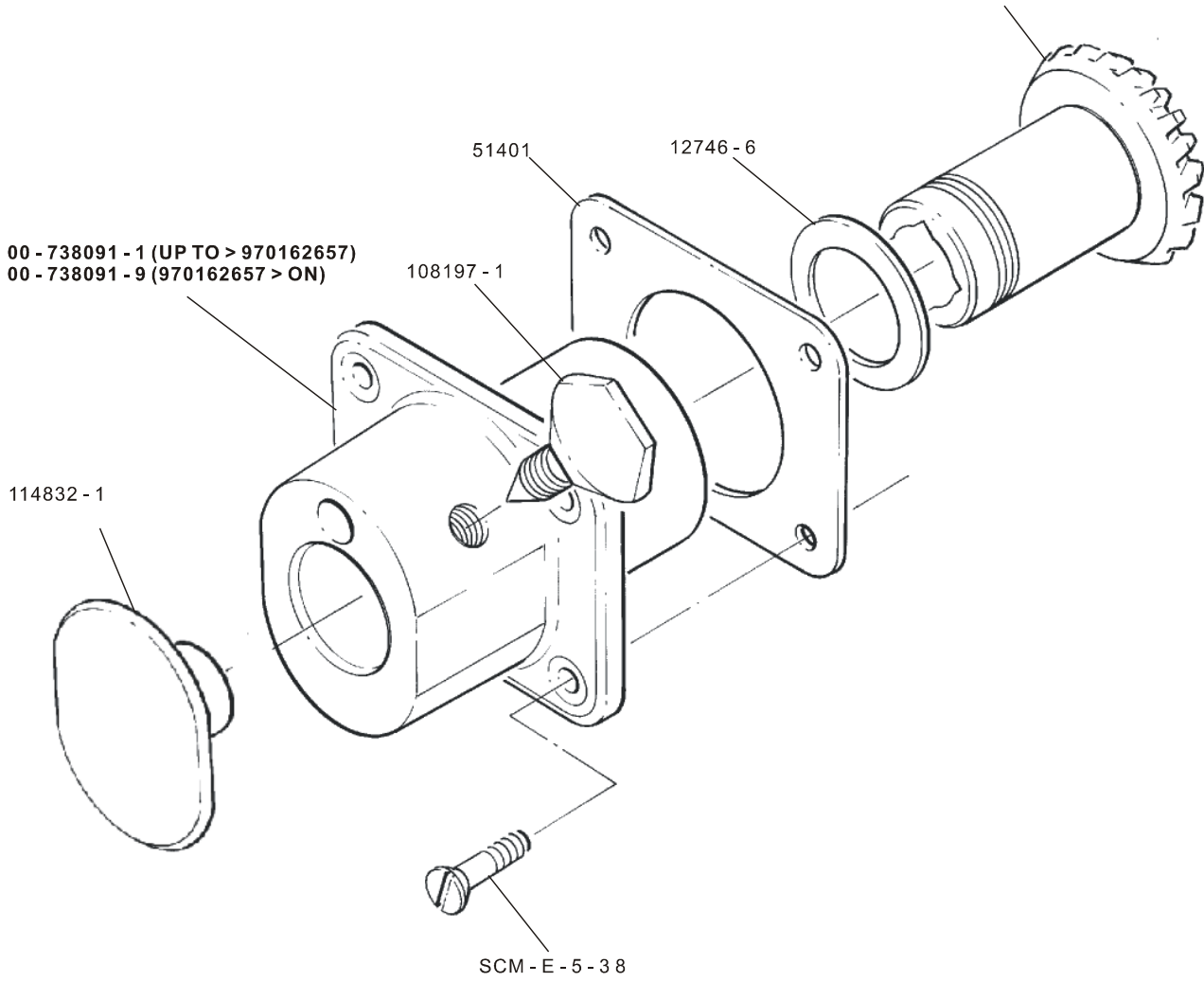


102778 (UP TO > 970162657)
102778-9 (970162657 > ON)
 PLANETARY, ASSEMBLY (incl. items *)
 planétaire, ensemble (compr. ref. *)
 Planetengetriebe, komplett (inkl. Teile *)

**Attachment Hub Unit
Canon Porte Accessoires
Ansatznabe**

A200N

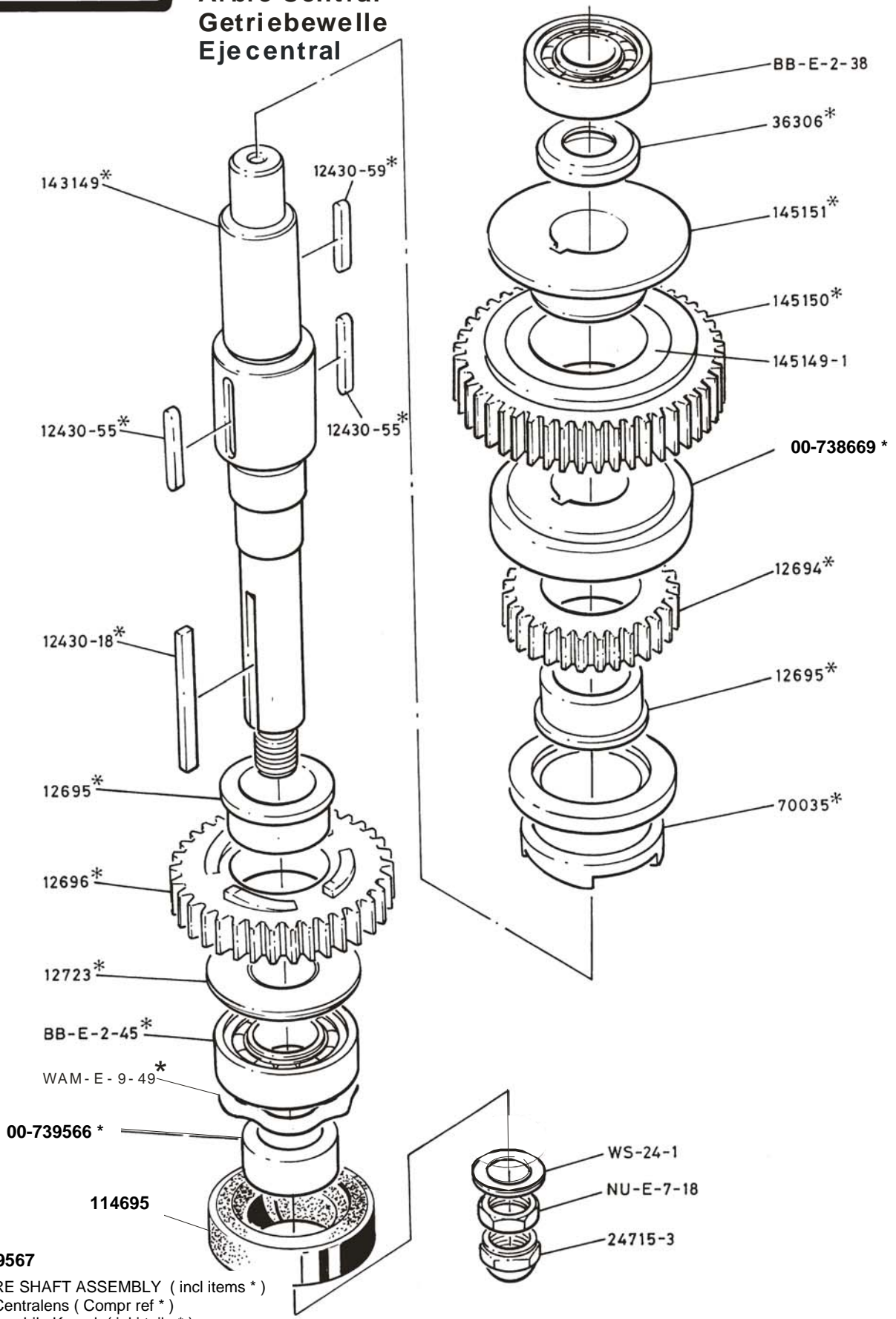
137286 & WP-E-2-3 > SER No 97 0167 055
00-738780 SER No 97 0167 056 <





**Centre Shaft
Arbre Central
Getriebewelle
Eje central**

FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 3 FOR PRIOR MACHINES



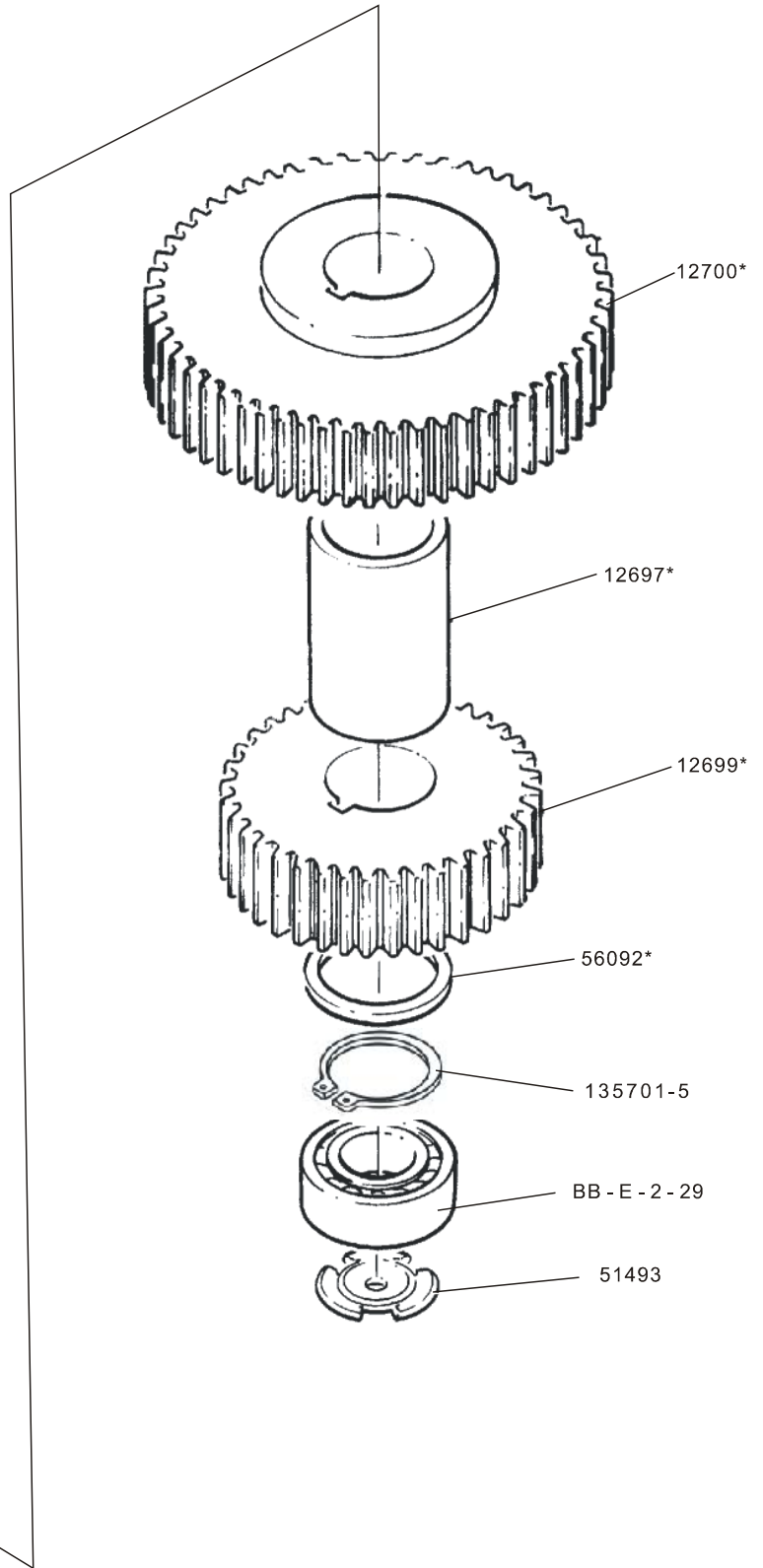
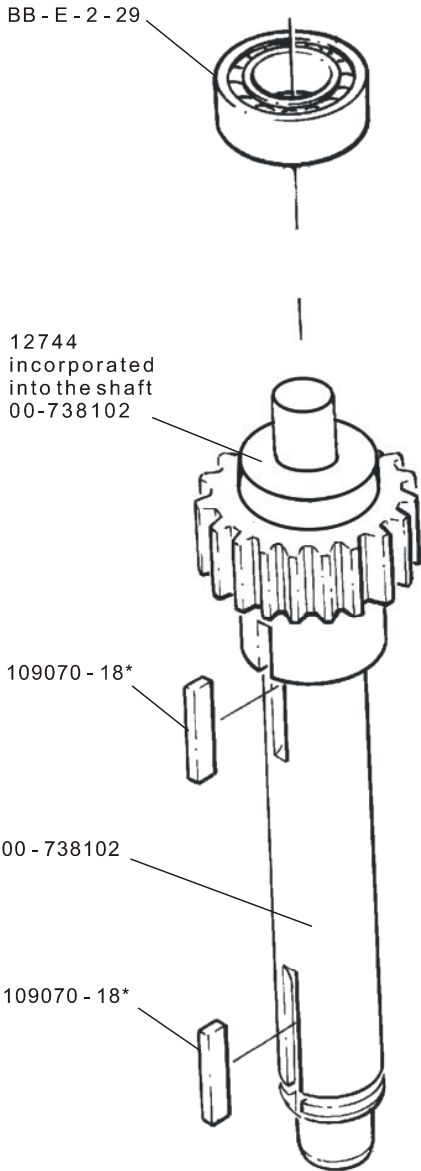
00-739567

CENTRE SHAFT ASSEMBLY (incl items *)
Arbre Centralens (Compr ref *)
Getriebewelle Kompl (inki teile *)

**Transmission Shaft
Arbre Intermédiaire
Antriebswelle**

A200N

Note NU-E-5-19 nut and thread on shaft 00-738102 removed from machines after 97 0167 675

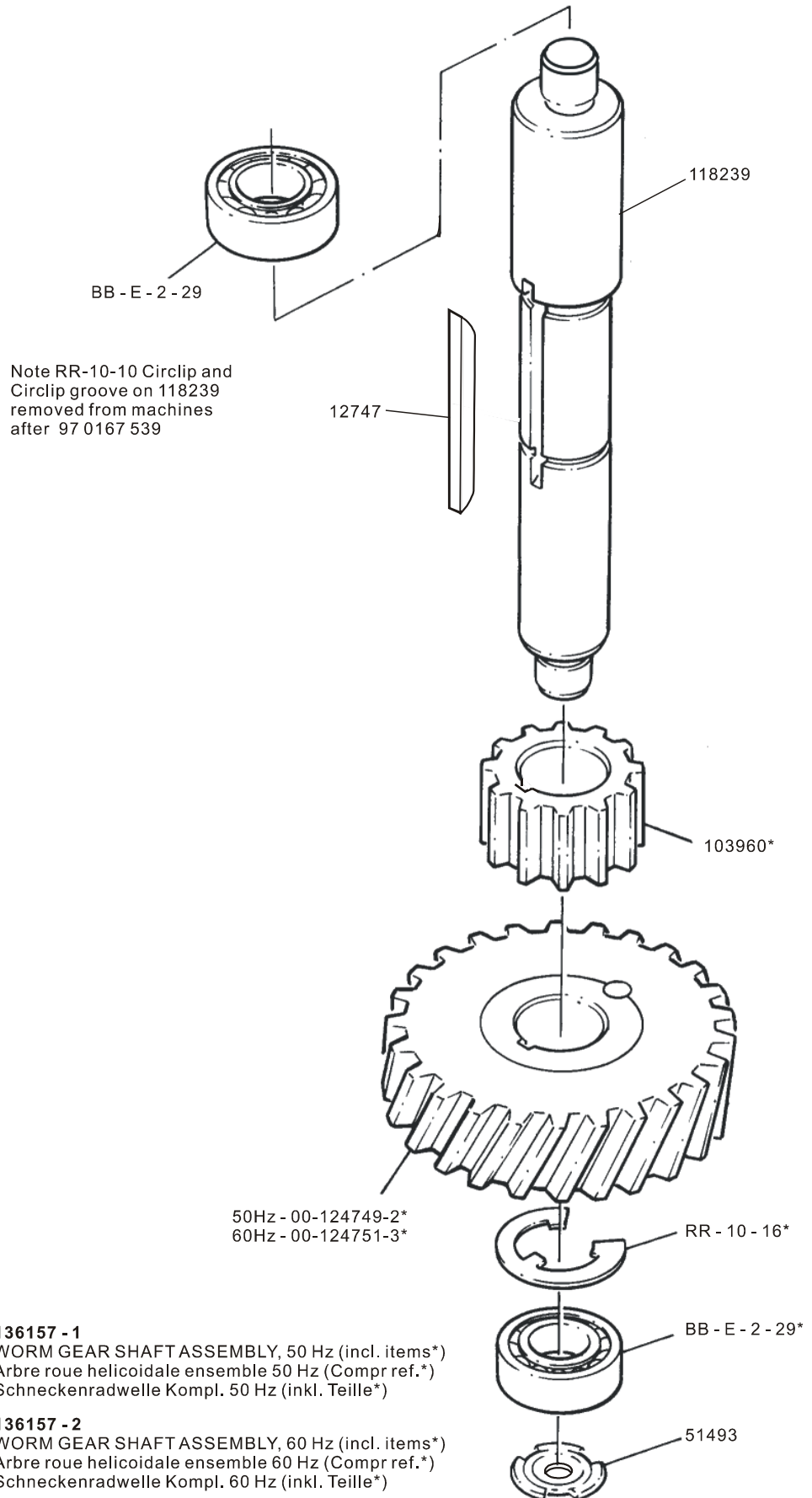


00 - 738115
TRANSMISSION SHAFT, ASSEMBLY (incl. item*)
arbre intermediaire, ensemble (compr. ref.*)
Antriebswelle, komplett (inkl. Teile*)



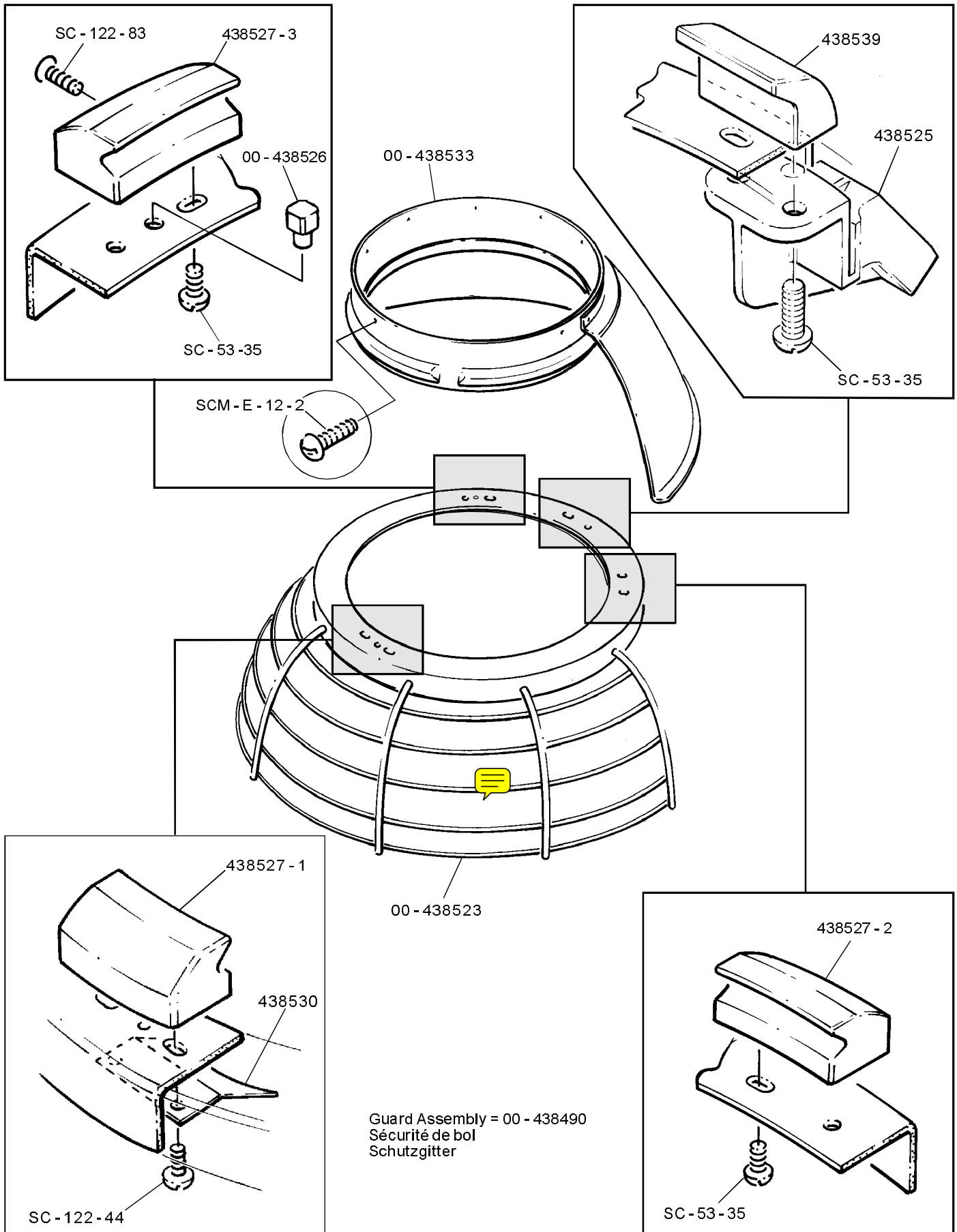
Worm Gear shaft
Arbre roue hélicoïdale
Schneckenradwelle

A200N



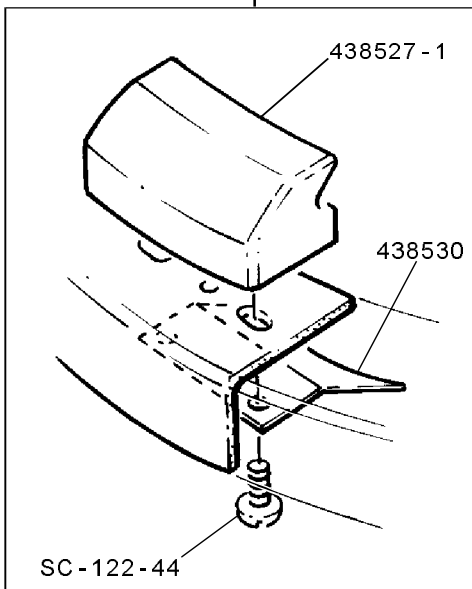
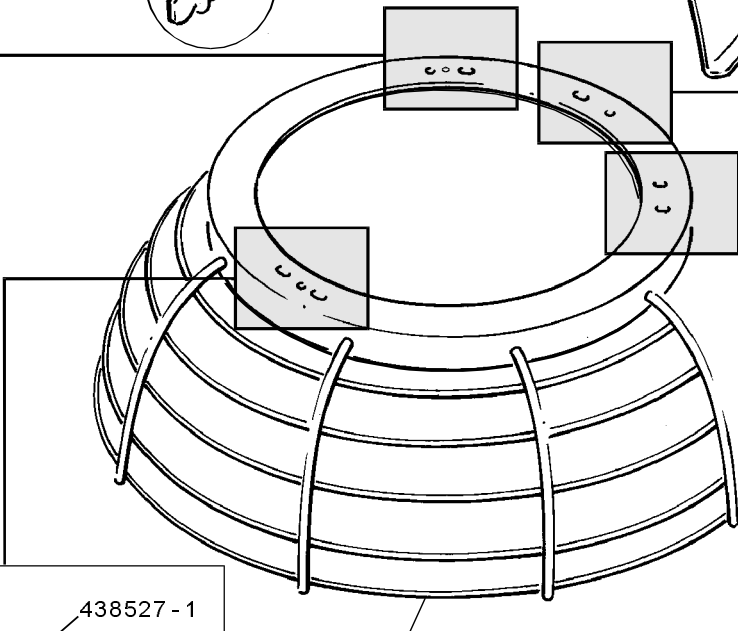
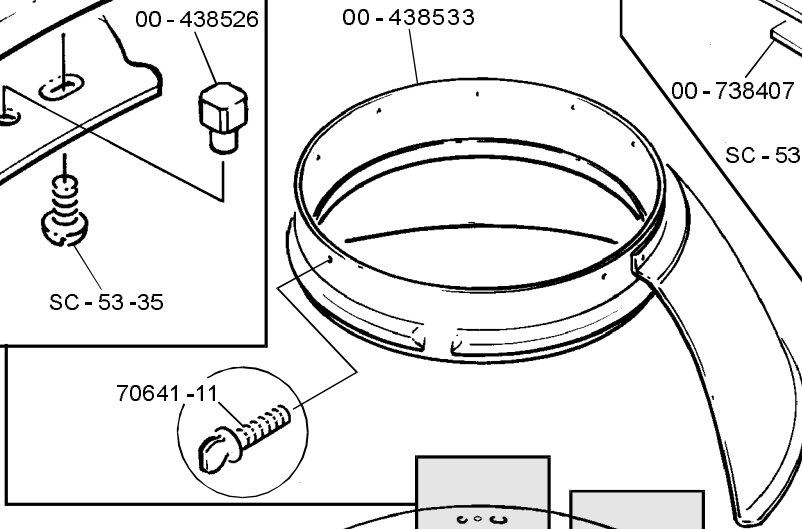
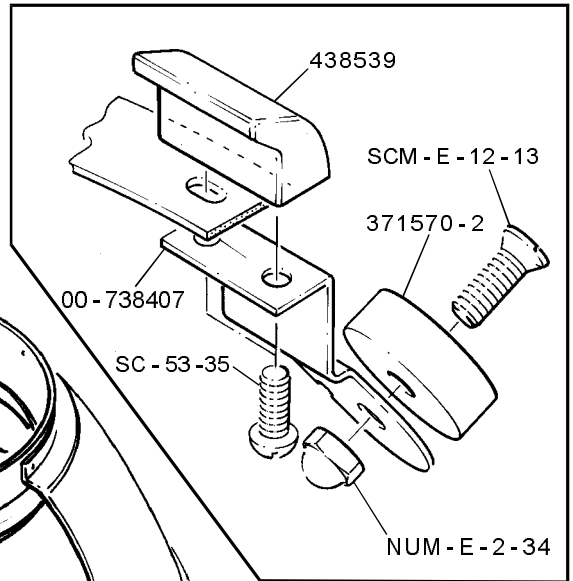
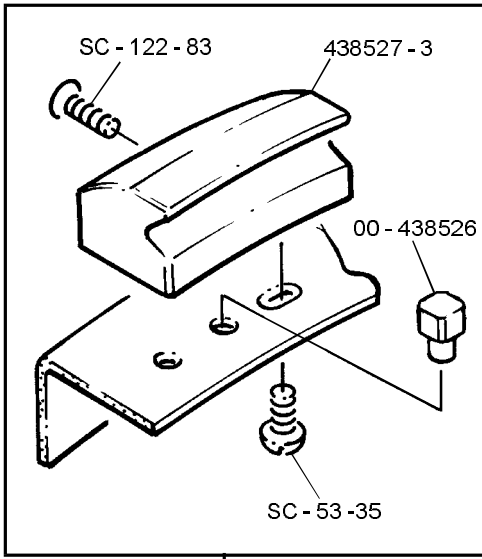
Guard Assembly
Sécurité de bol
Schutzgitter

A200N

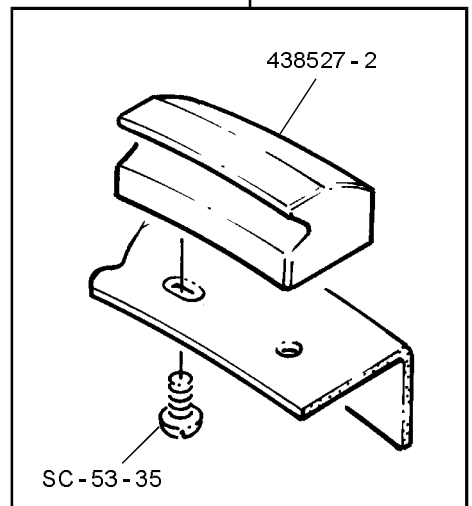




Guard Assembly (GERMAN)
Sécurité de bol
Schutzgitter



Guard Assembly = 00-738451
Sécurité de bol
Schutzgitter

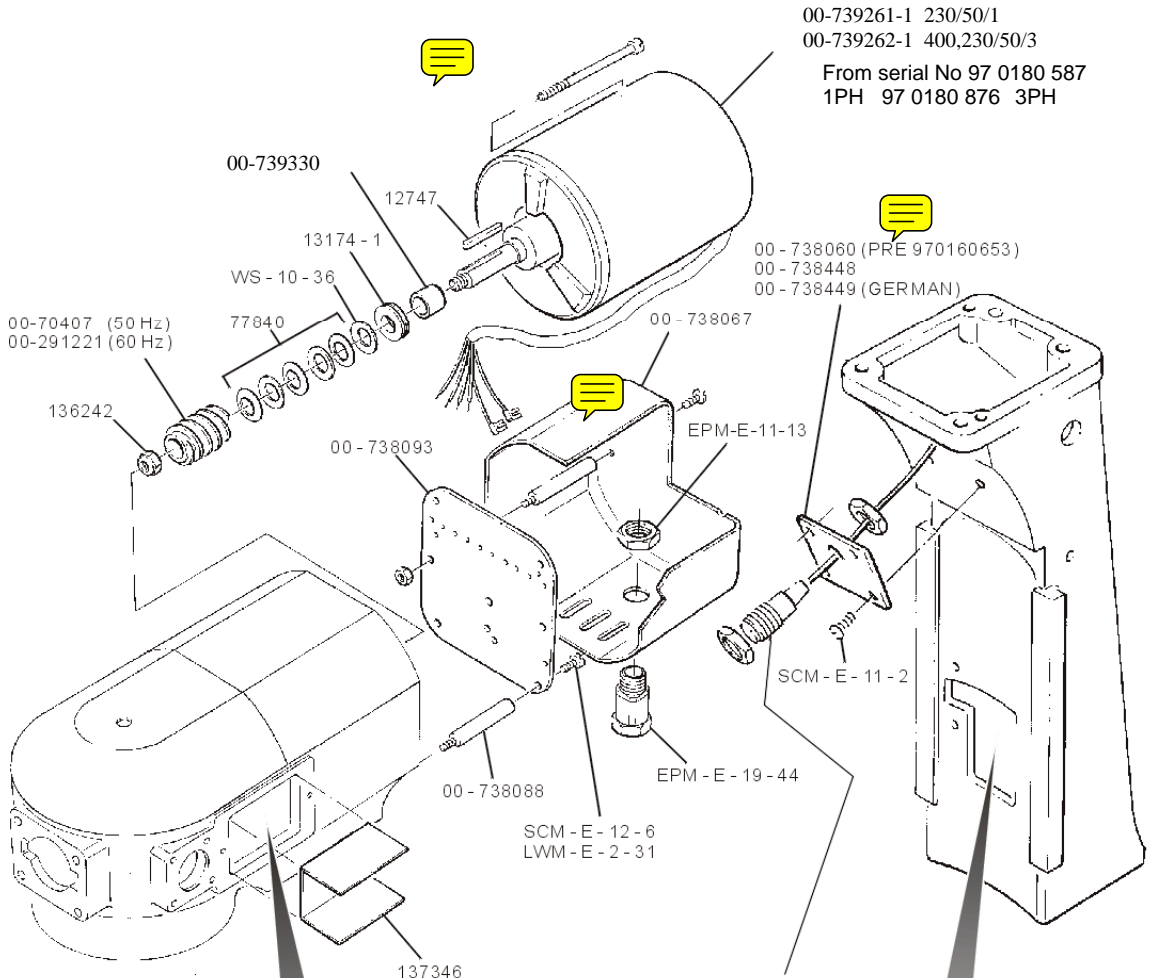




Electrical parts
Pièces Electriques
Elektoteile

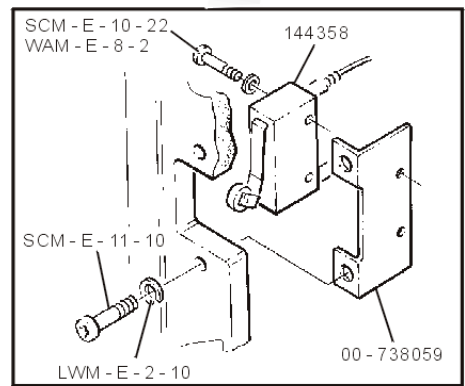
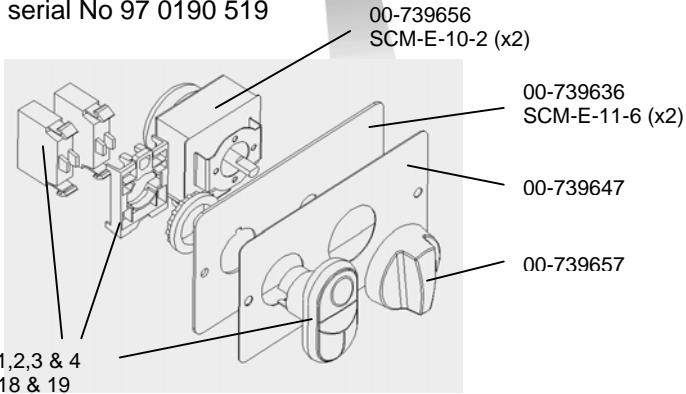
A200N

See appendix page 1 and 4



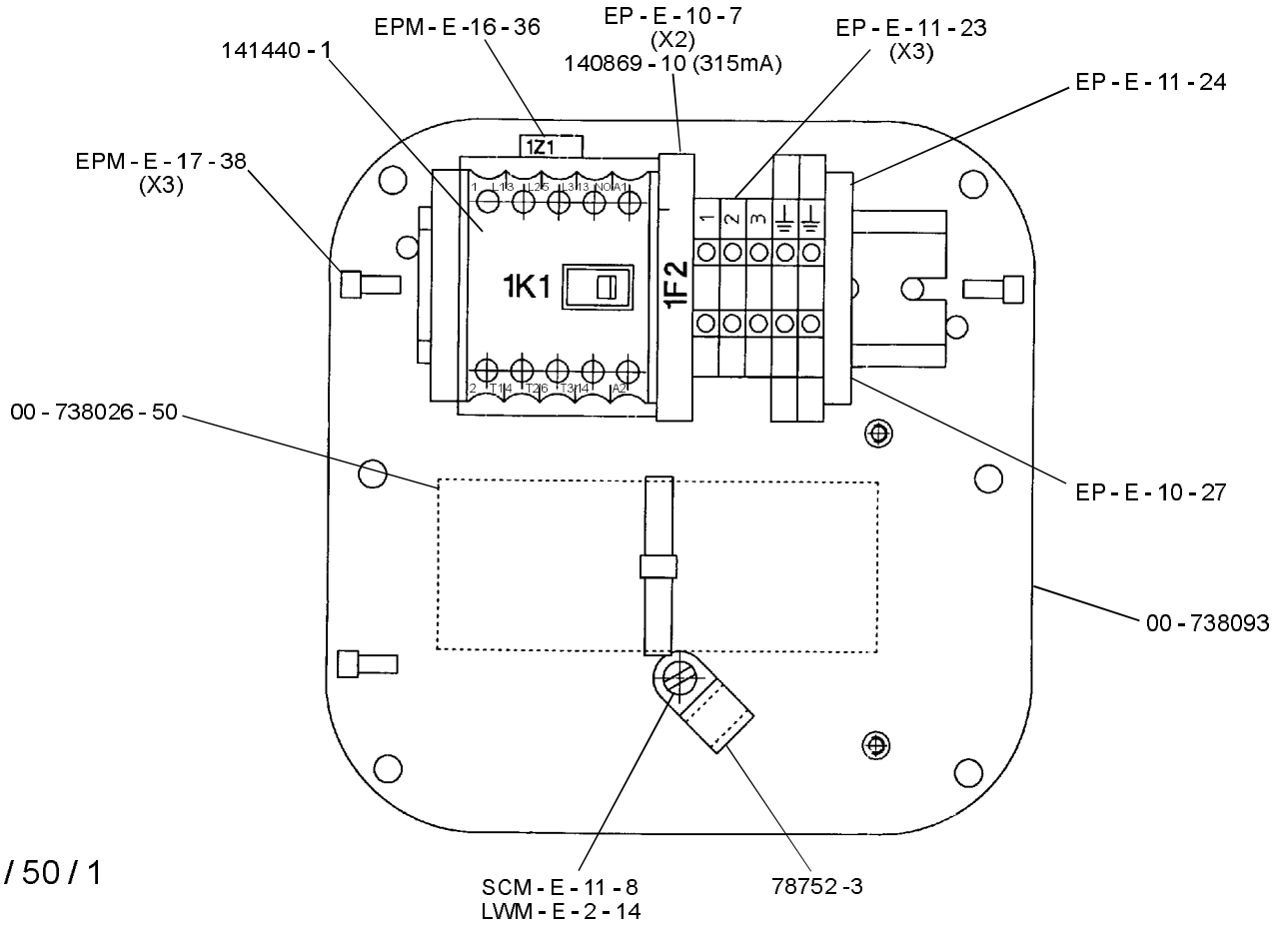
See page 17,18 & 19

Switch plate and timer
 from serial No 97 0190 519

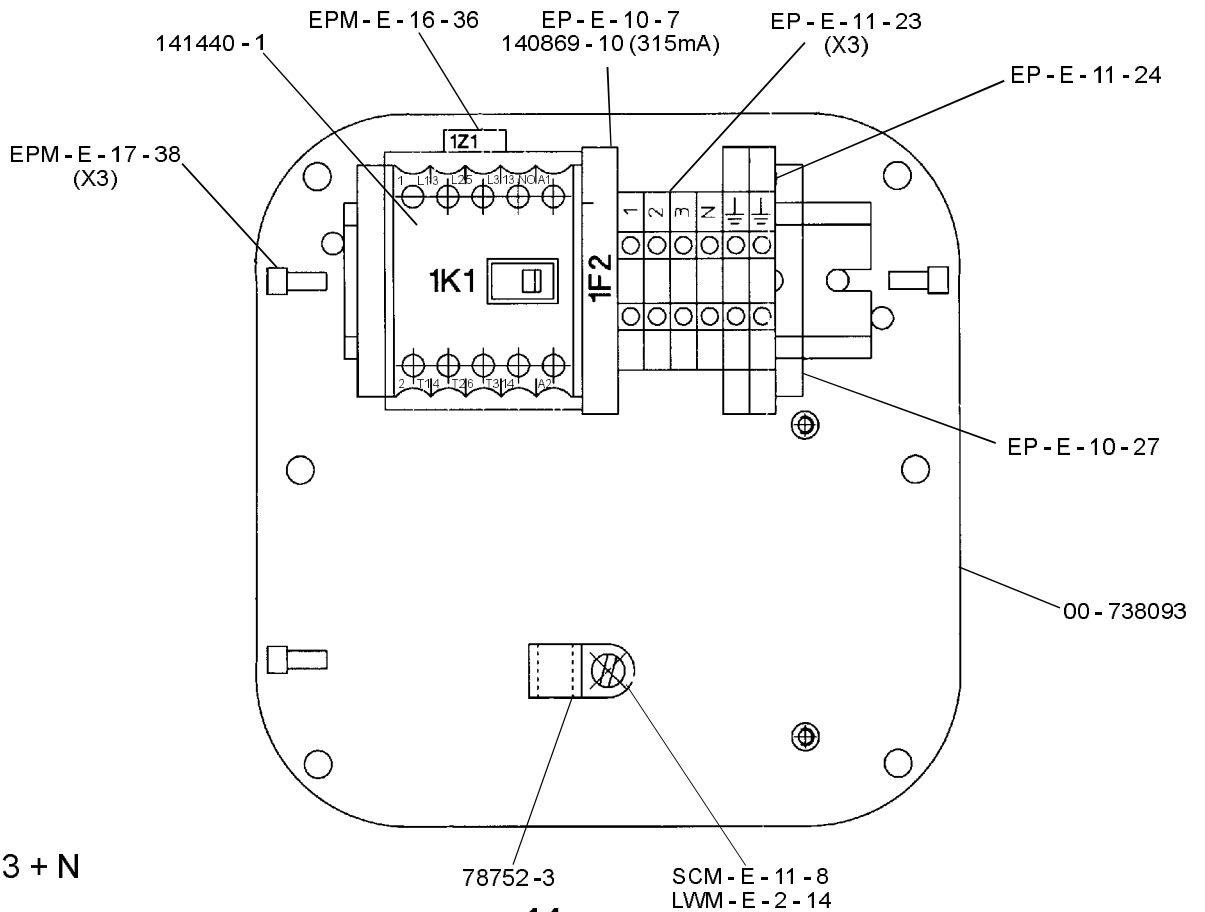




Electrical Parts (230v/50/1 & 400/50/3+N) Auxiliares eléctricas Electroteile



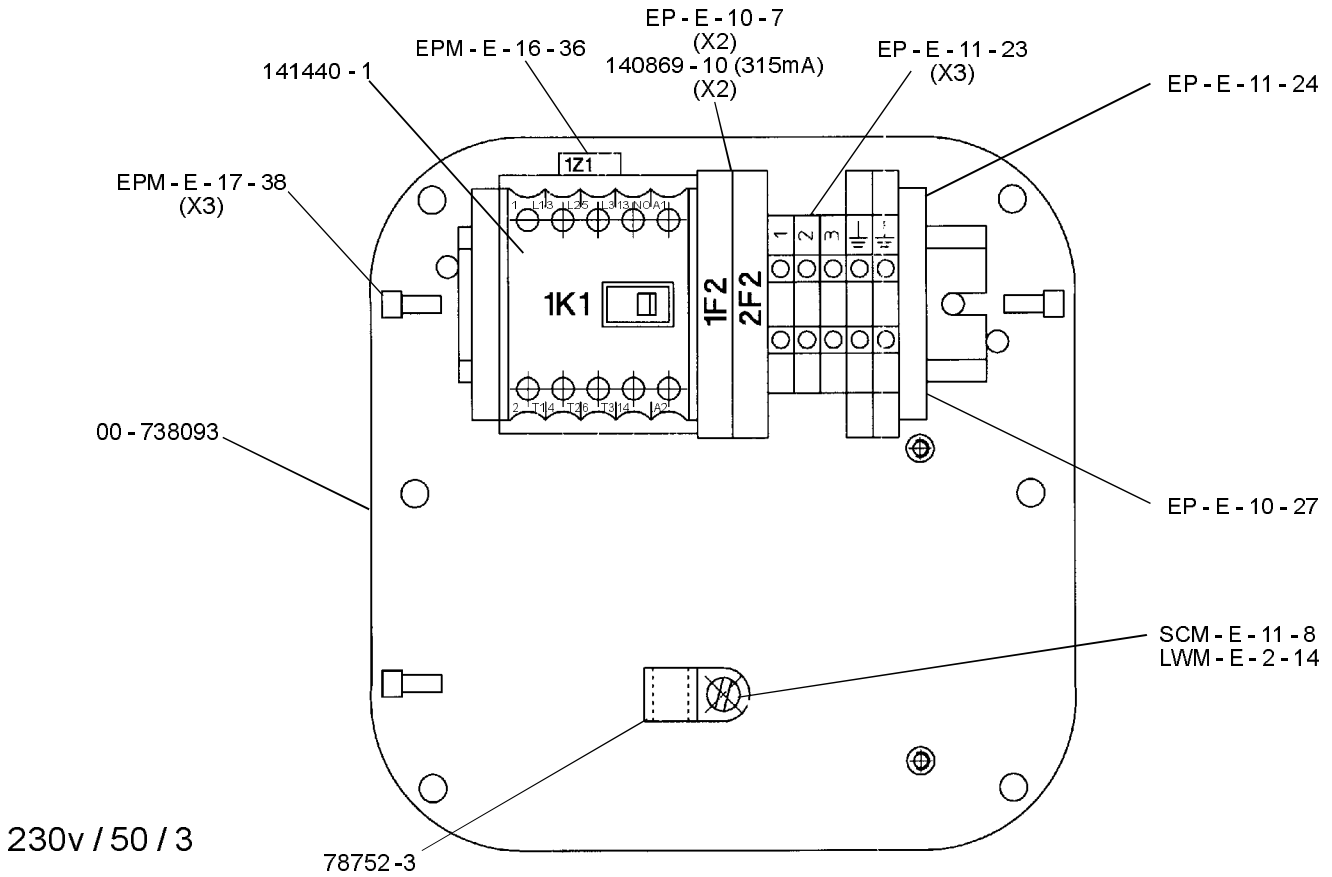
230v / 50 / 1



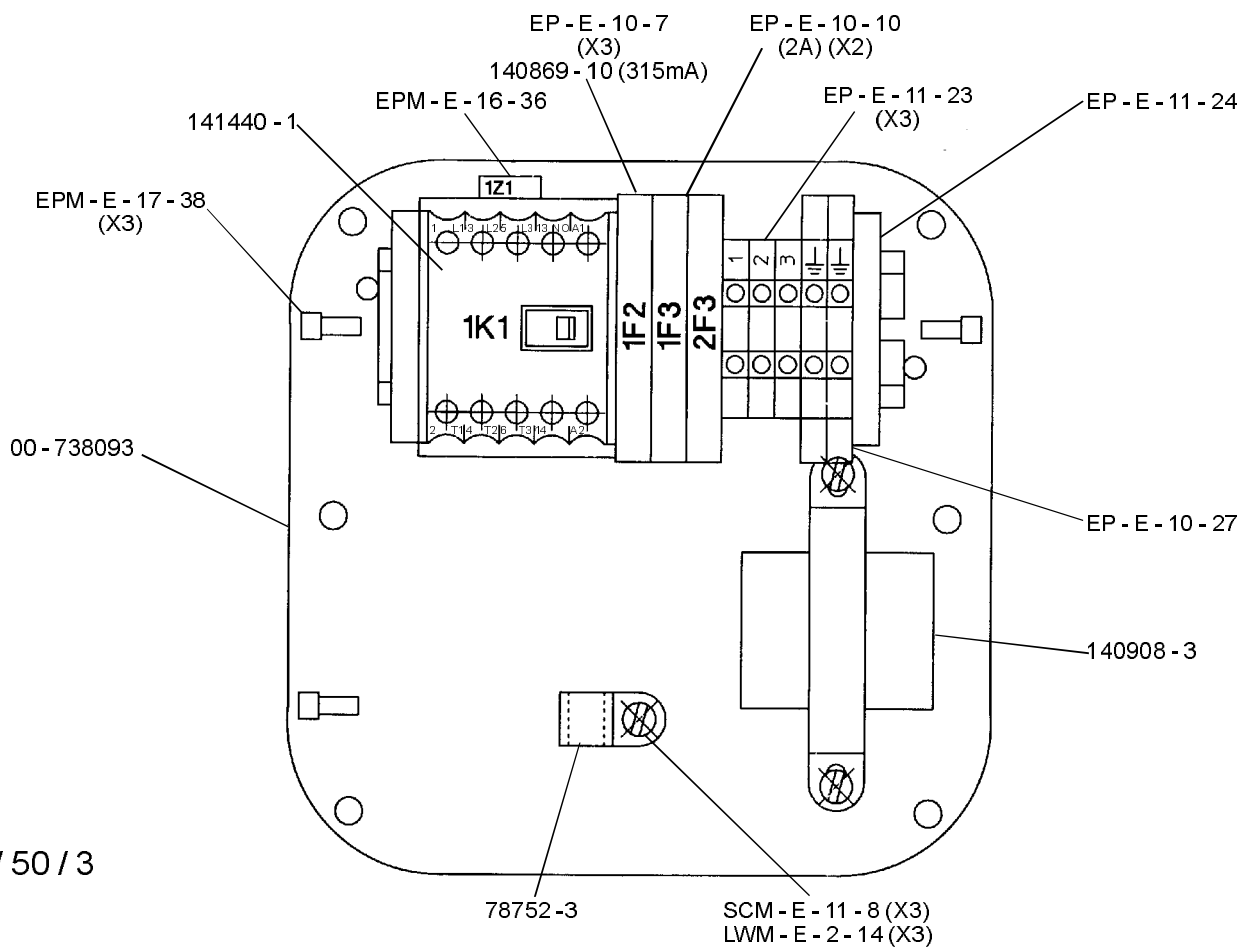
400 / 50 / 3 + N

Electrical Parts (230v/50/3 & 400/50/3)
Auxiliares eléctricas
Electroteile

A200N



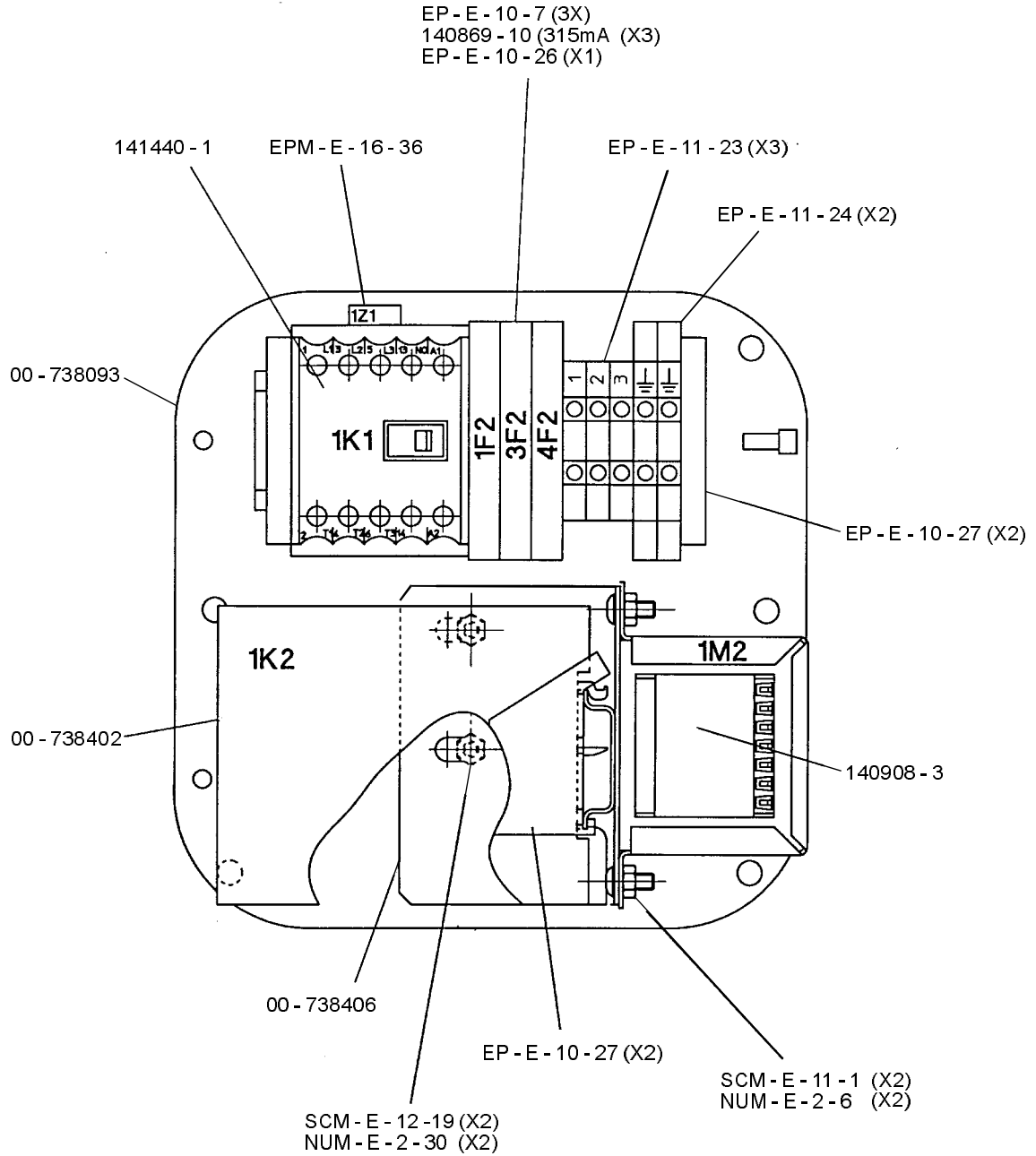
230v / 50 / 3



400 / 50 / 3

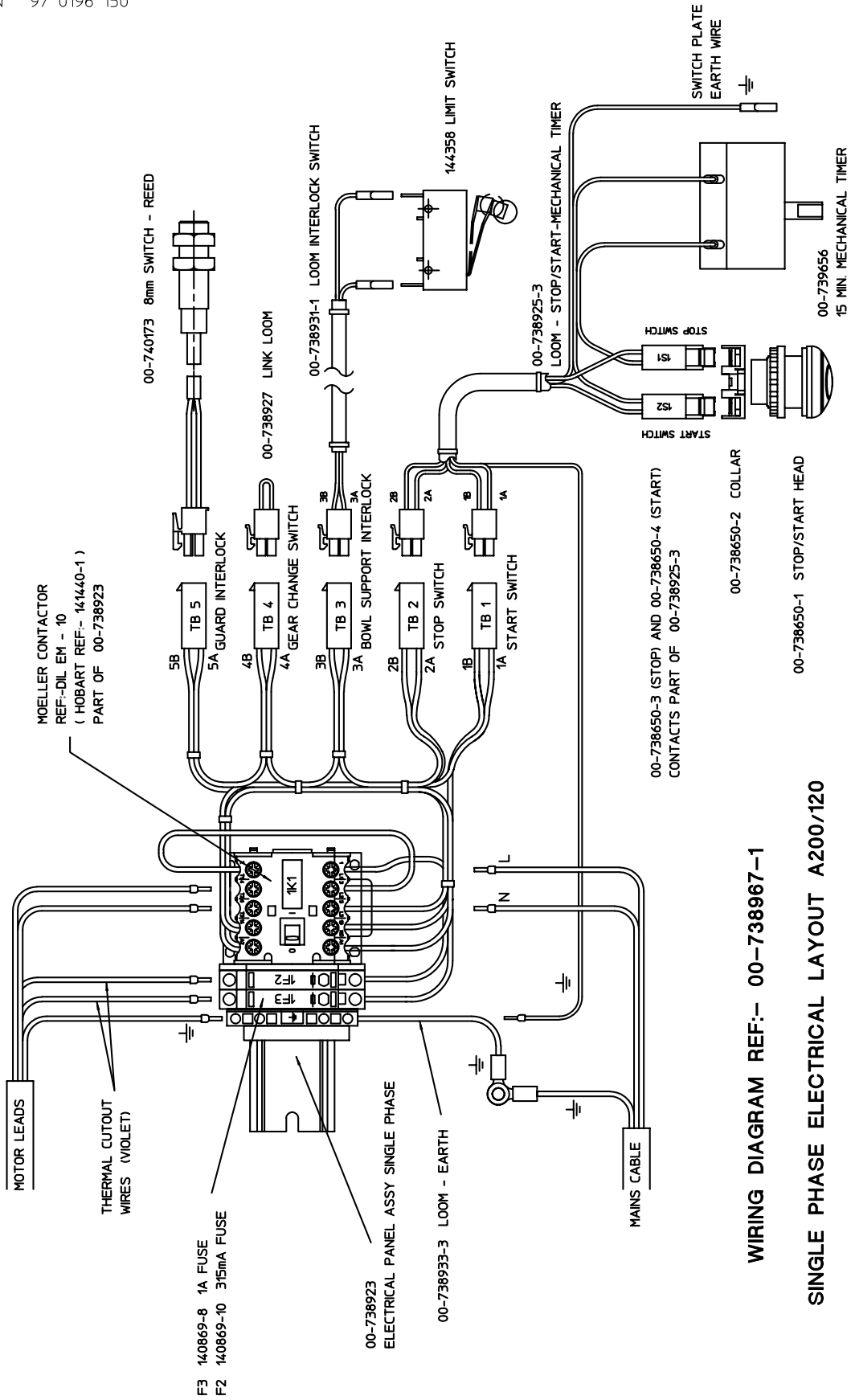


Electrical Parts (400/50/3 GERMAN) Auxiliares eléctricas Electroteile



400/50/3 (GERMAN)

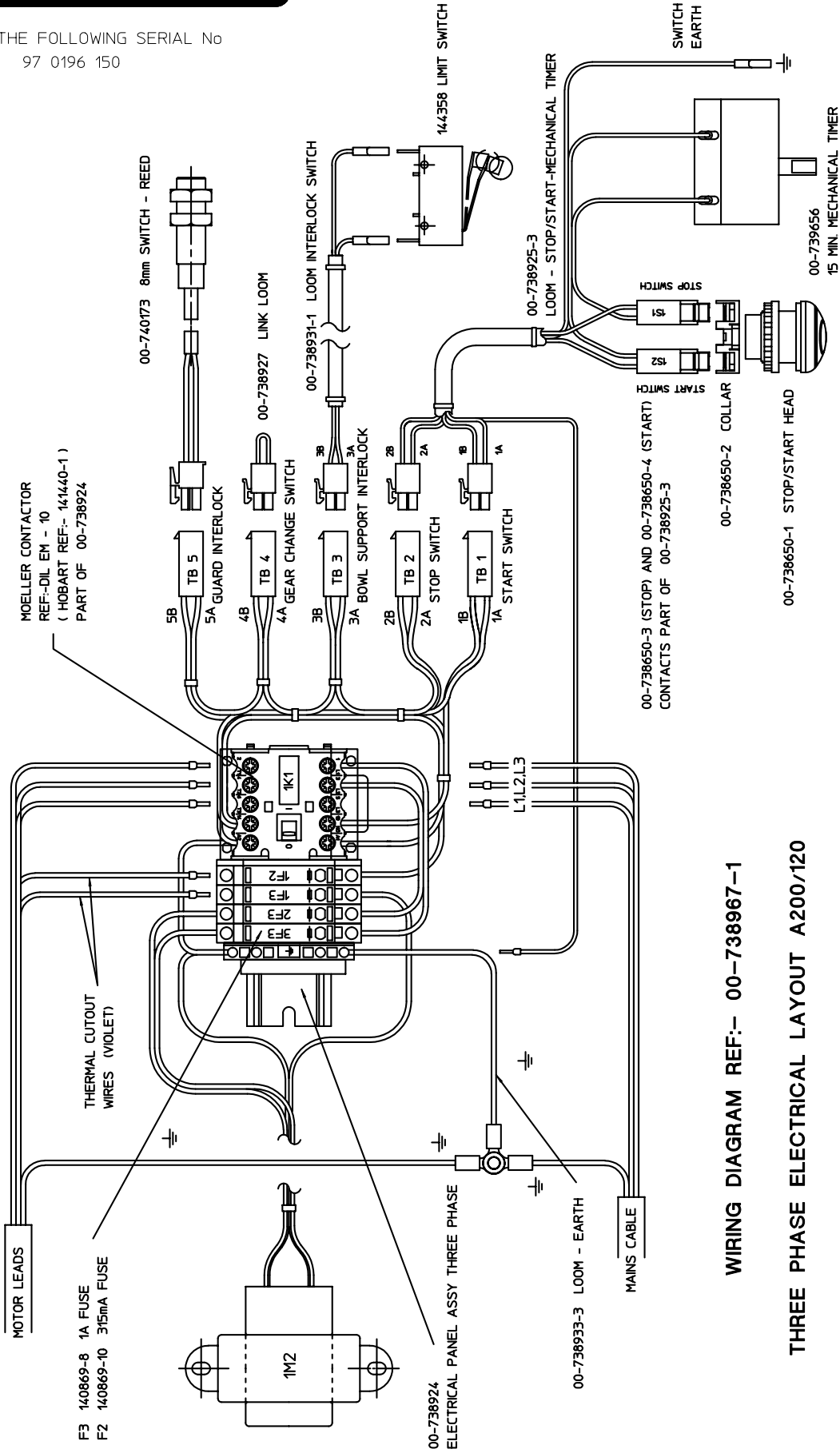
FROM THE FOLLOWING SERIAL No
A120/200N 97 0196 150



WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

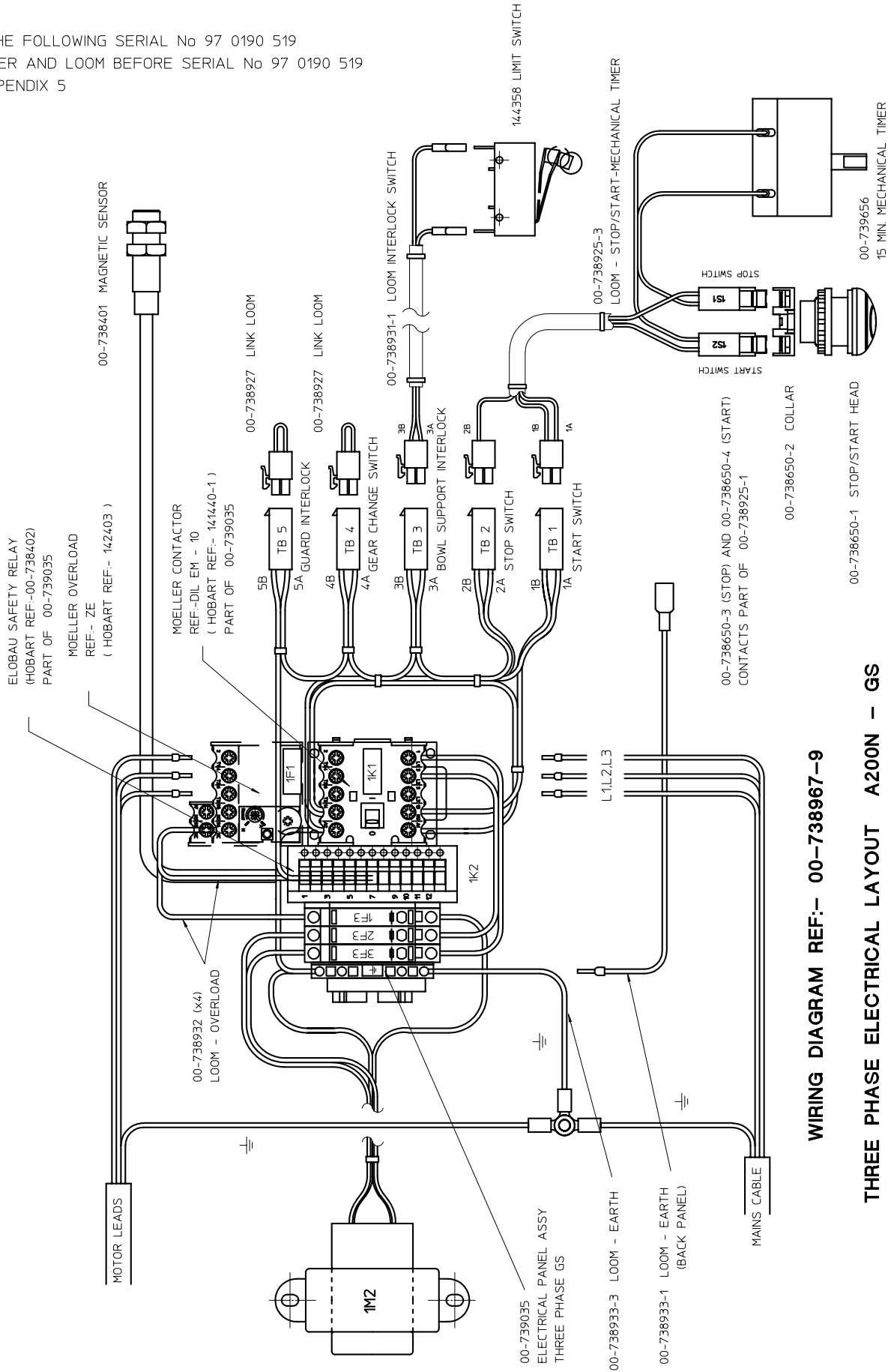
FROM THE FOLLOWING SERIAL No
A200N 97 0196 150



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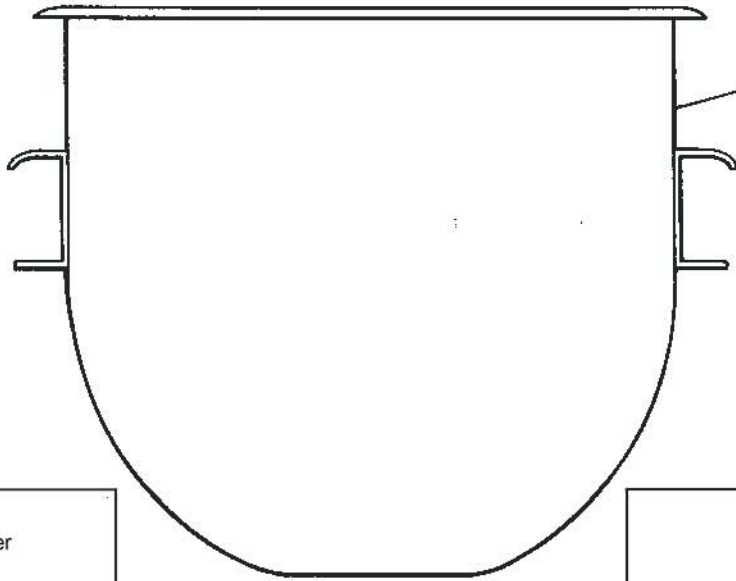
THREE PHASE ELECTRICAL LAYOUT A200/120

FROM THE FOLLOWING SERIAL No 97 0190 519
 FOR TIMER AND LOOM BEFORE SERIAL No 97 0190 519
 SEE APPENDIX 5



WIRING DIAGRAM REF:- 00-738967-9

THREE PHASE ELECTRICAL LAYOUT A200N - GS

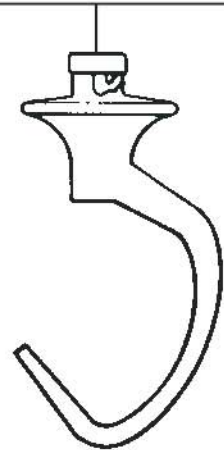
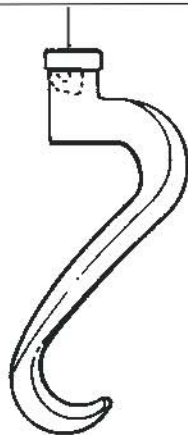
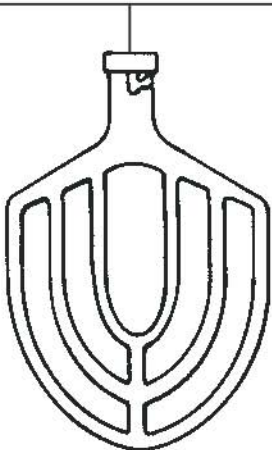


62104 20qt
00-738450 10qt

- 23126 20Lt "B" Beater
- 136915 10Lt "B" Beater
- 275559 20Lt "B" Beater ST.ST
- 136915-1 10Lt "B" Beater ST.ST

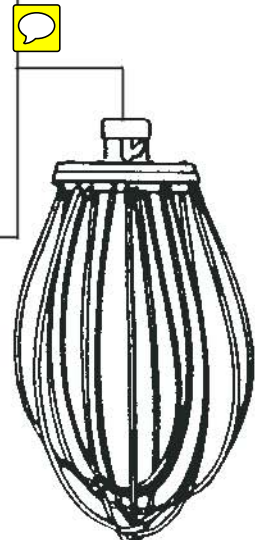
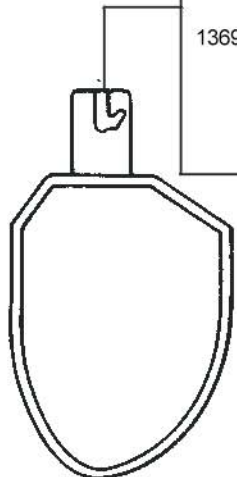
- 40293 20Lt "ED" Hook

- 136912 10Lt "E" Hook



- 74286 20Lt "PK" Pastry knife
- 136914-2 10Lt "PK" Pastry knife ST.ST

- 23511-M 20D Whip
- 140249 10D Whip

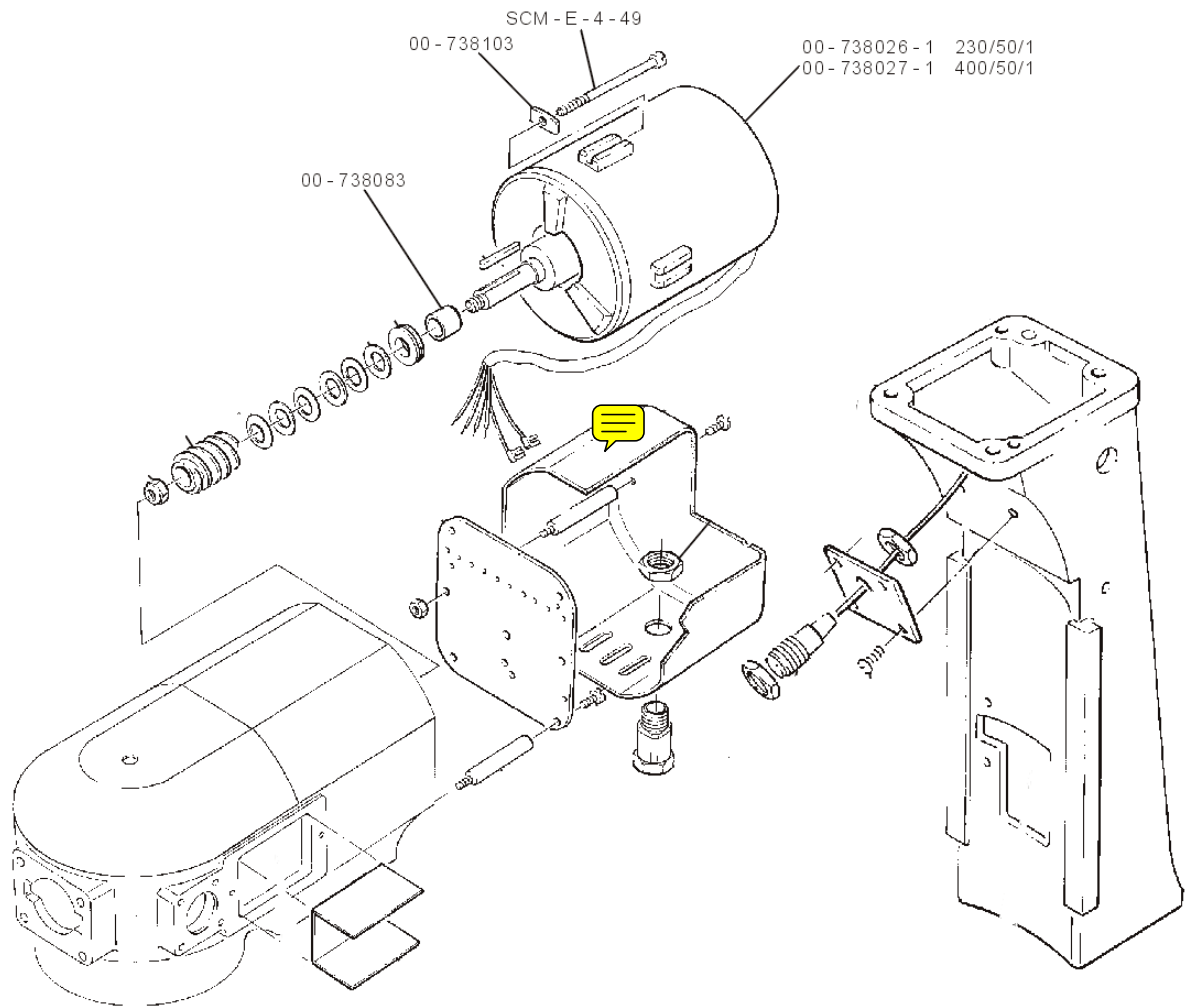




Electrical parts
Pièces Electriques
Elektoteile

A200N

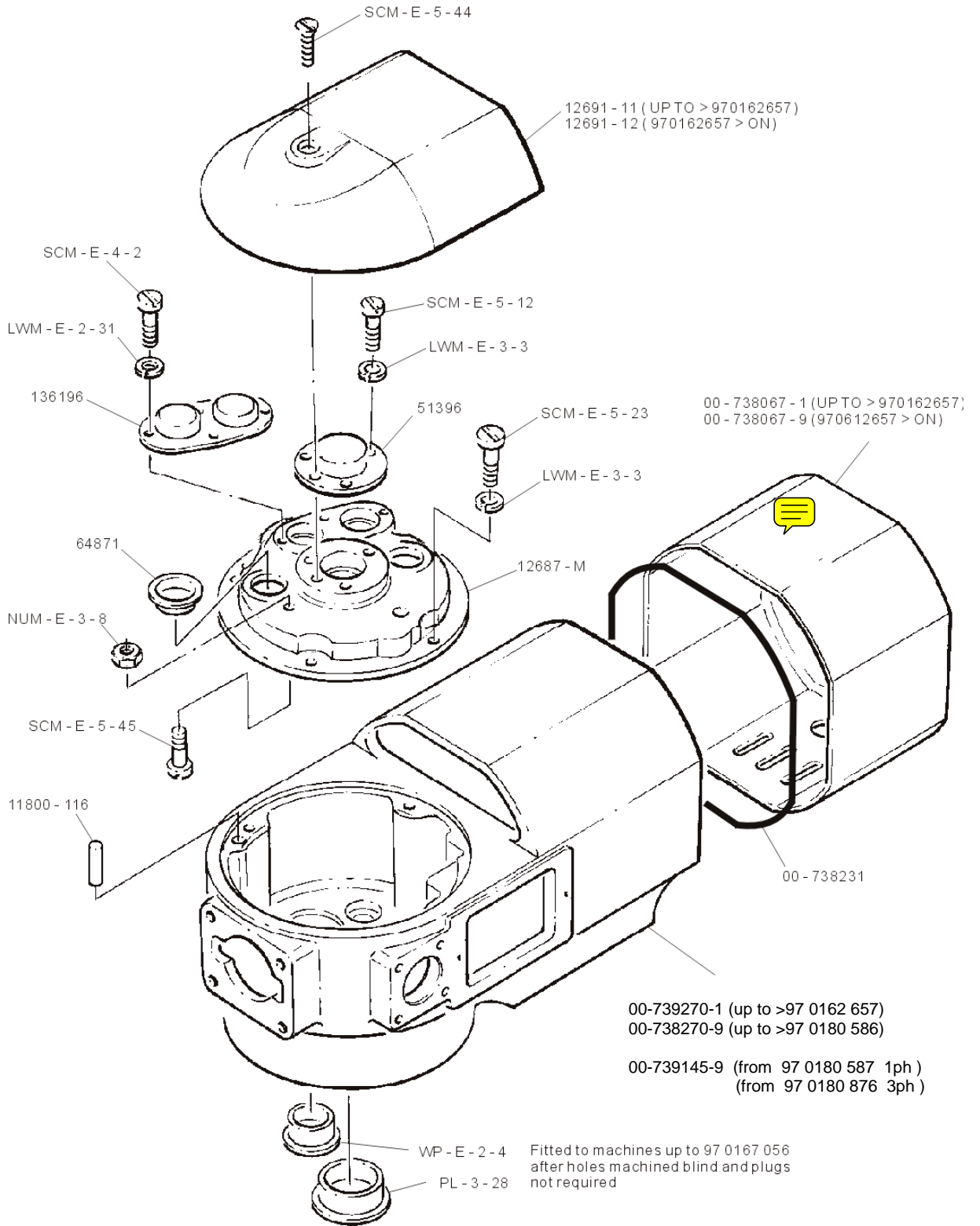
Before serial No 97 0180 587 1PH 97 0180 876 3PH





Transmission case
Boîte de Vitesses
Antriebsgehäuse

A200N

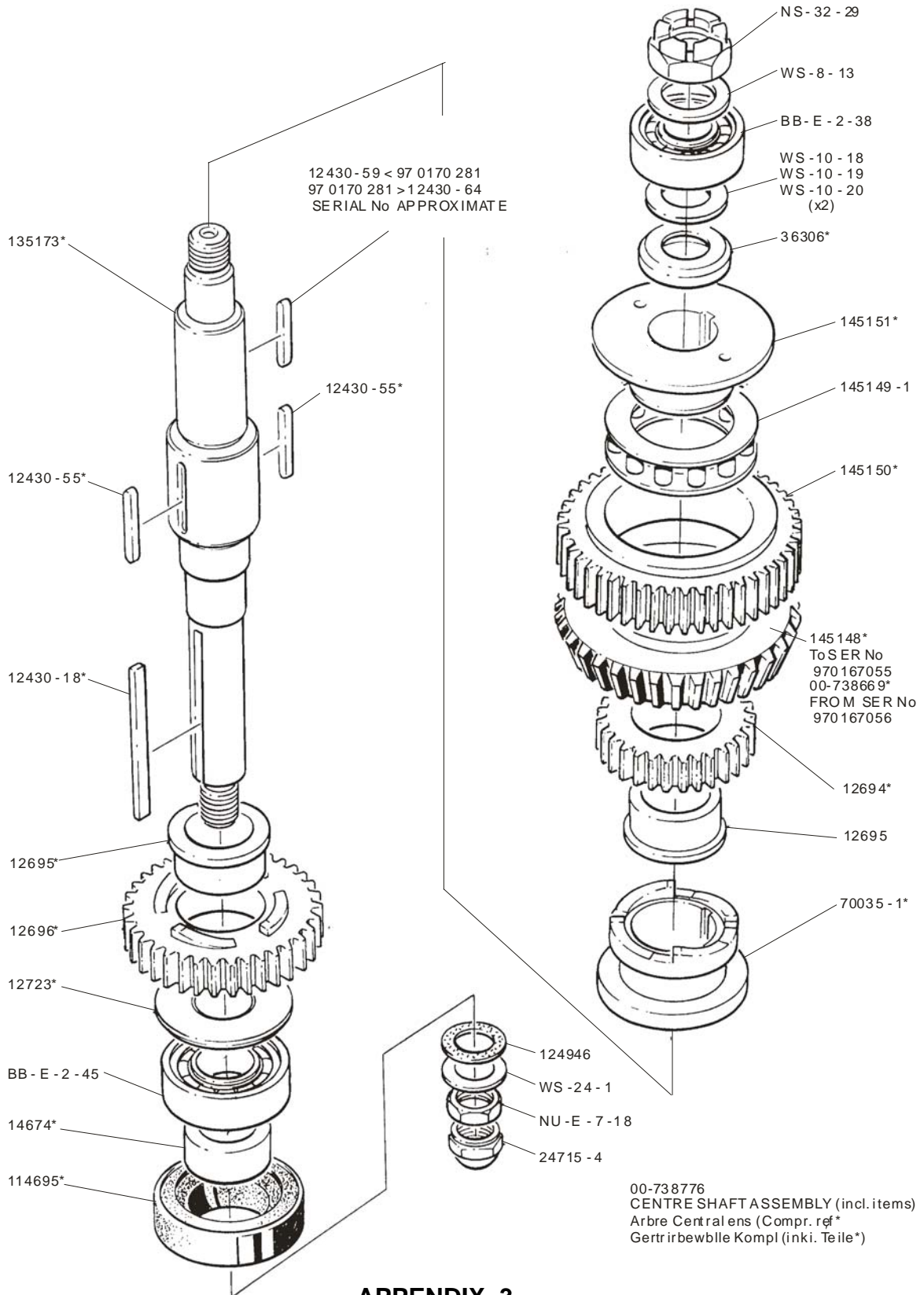


APPENDIX 2

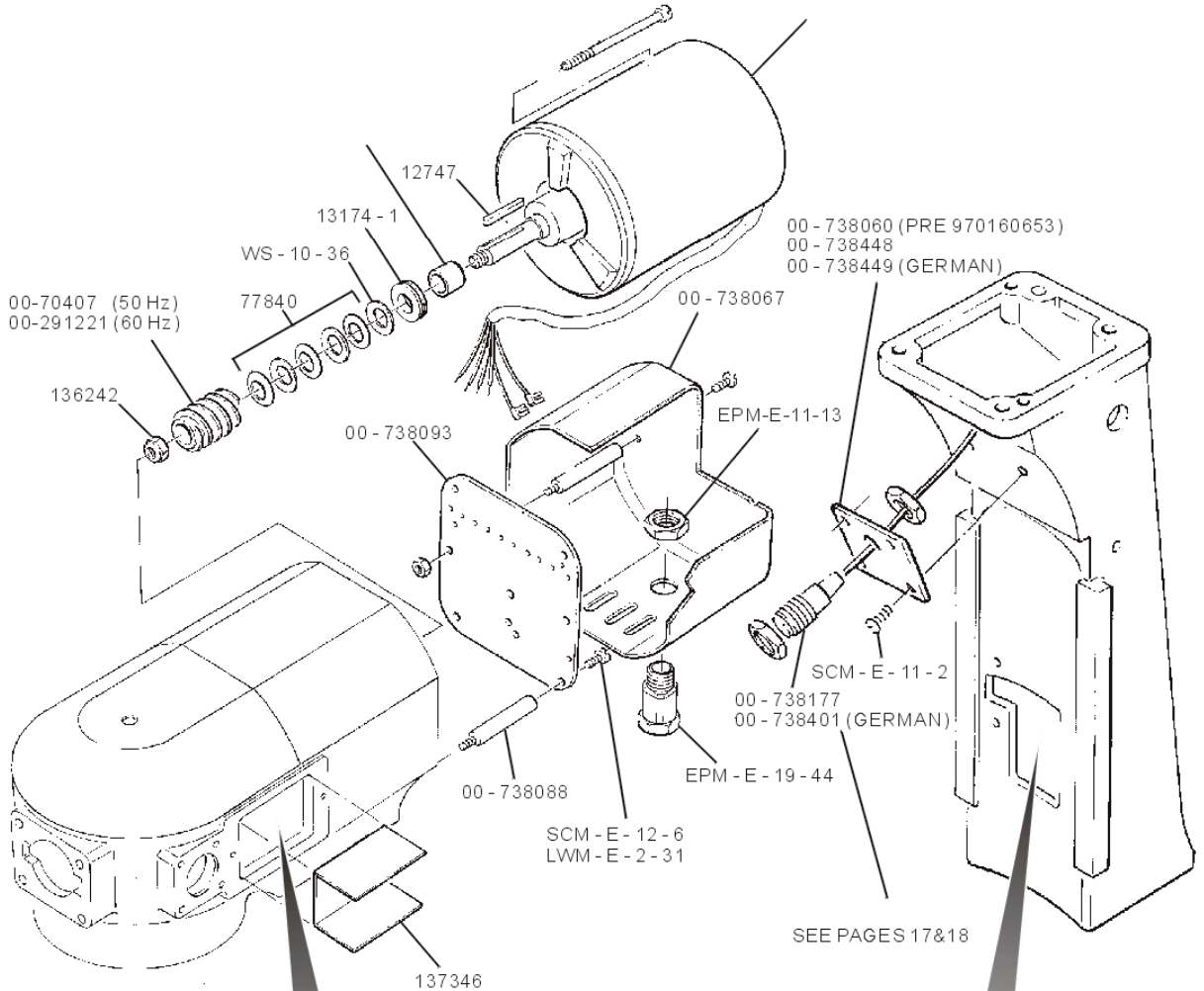


Transmission case
Boîte de Vitesses
Antriebsgehäuse

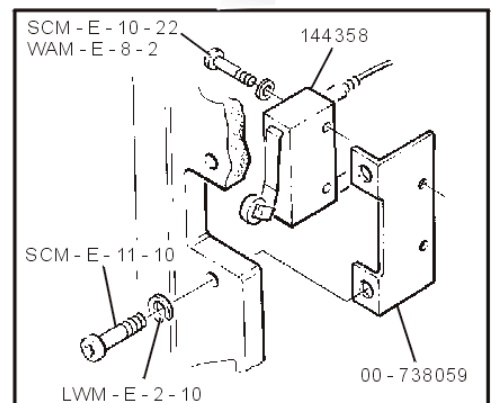
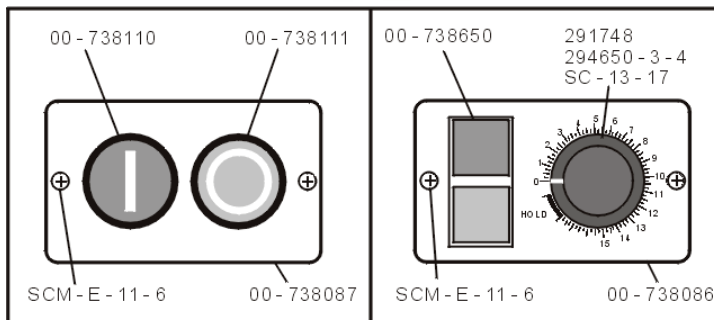
A200N



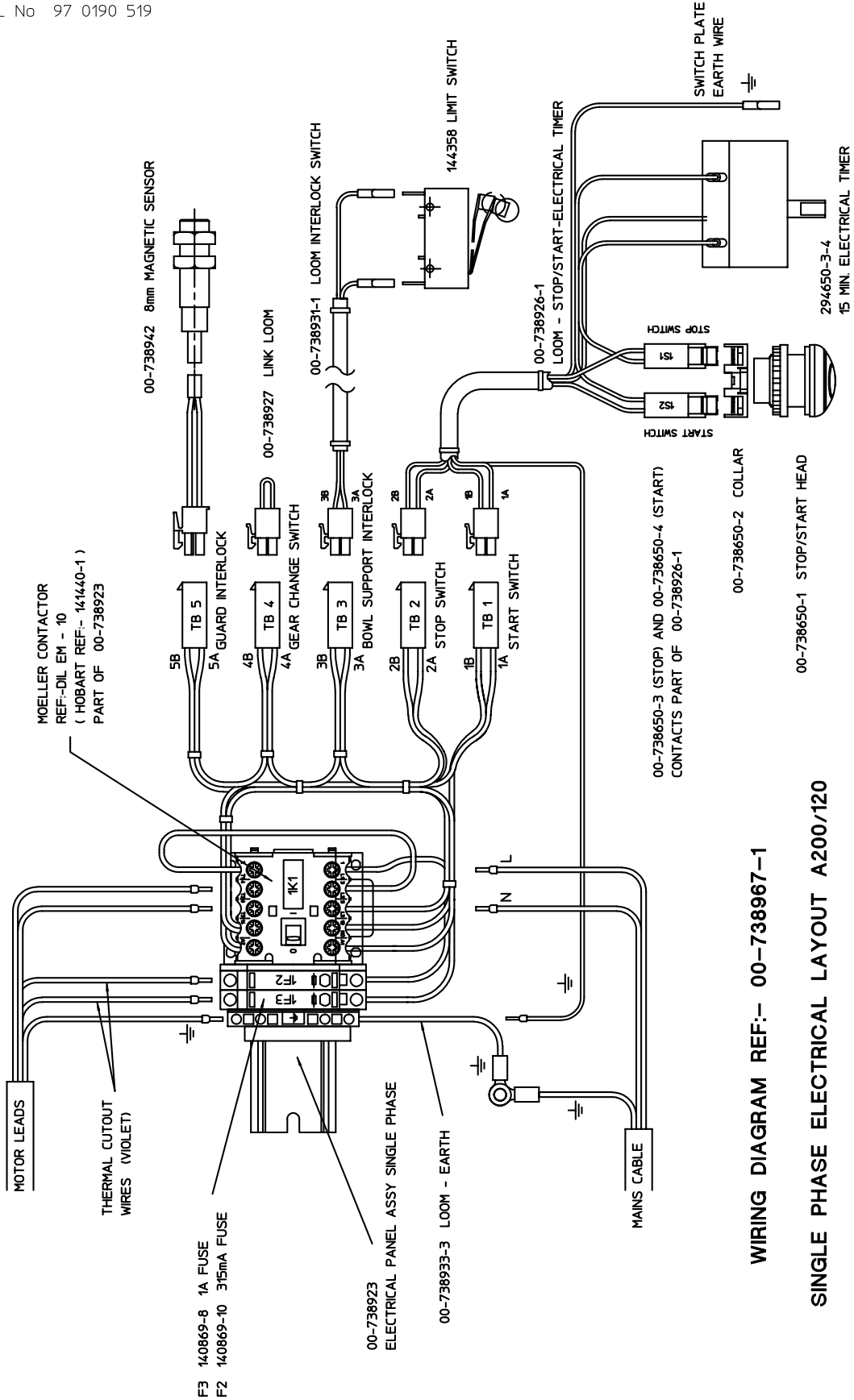
APPENDIX 3



Switch plates
before serial No 97 0190 519



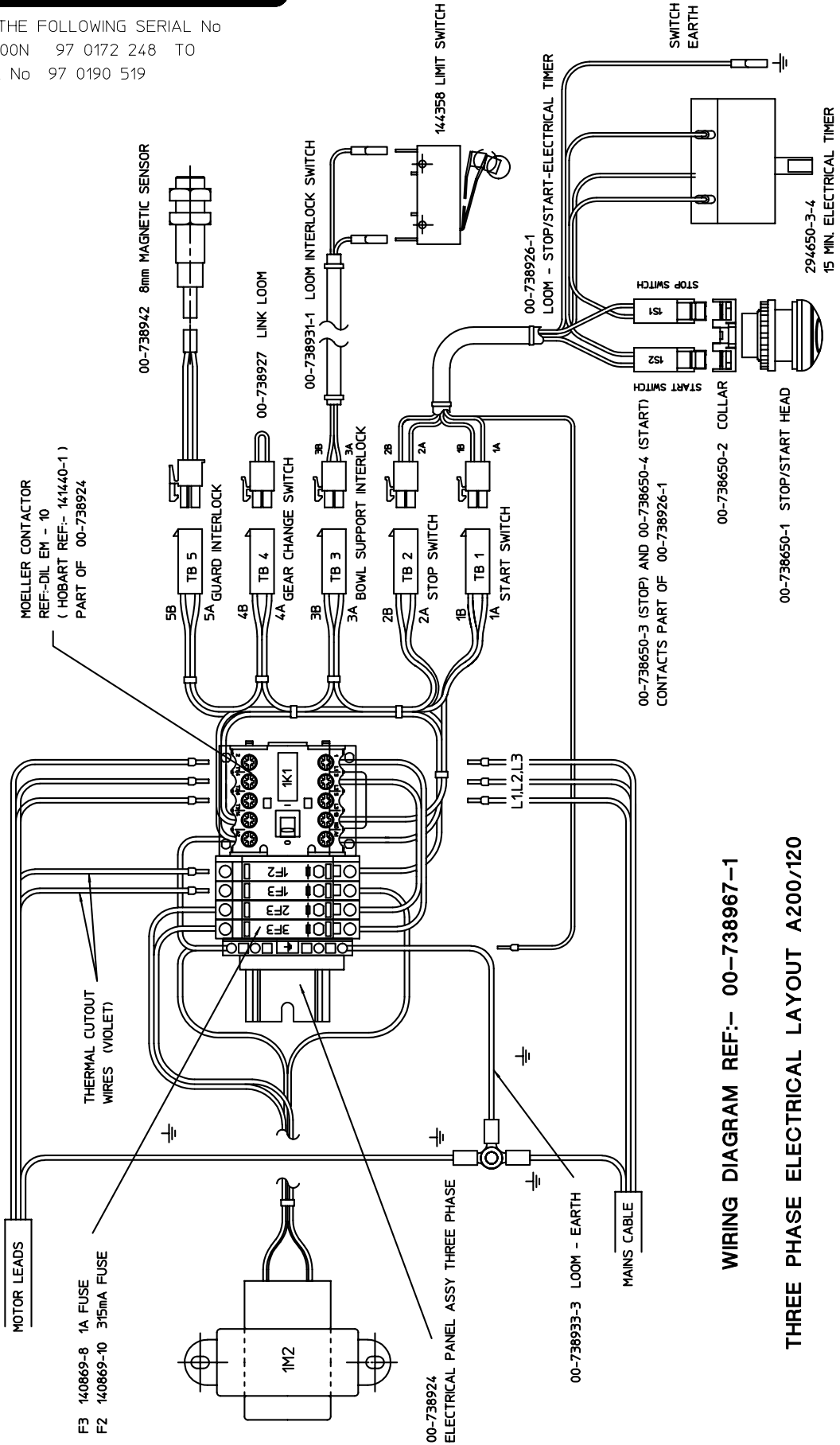
FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 672
 TO SERIAL No 97 0190 519



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SINGLE PHASE ELECTRICAL LAYOUT A200/120

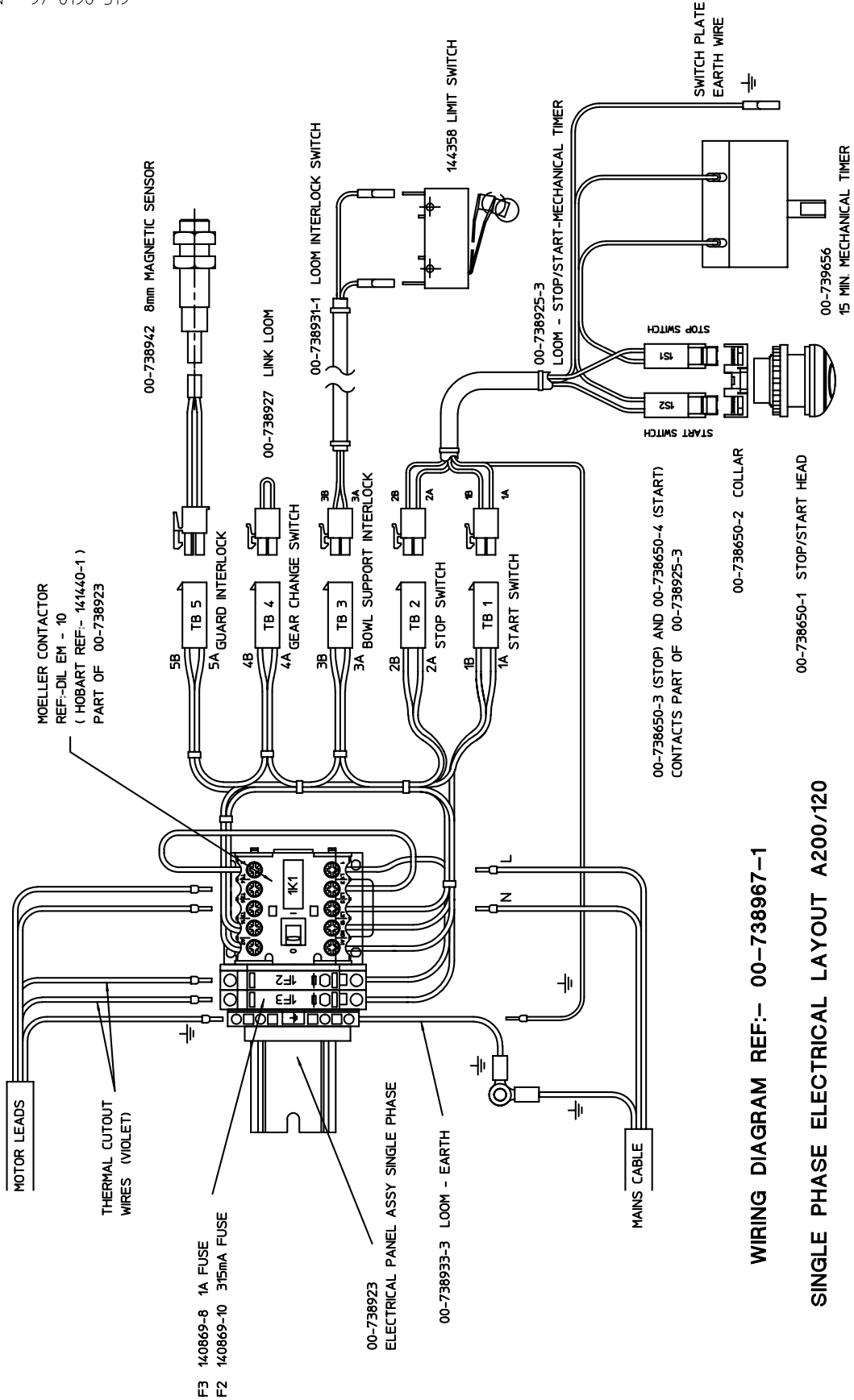
FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 248 TO
 SERIAL No 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

THREE PHASE ELECTRICAL LAYOUT A200/120

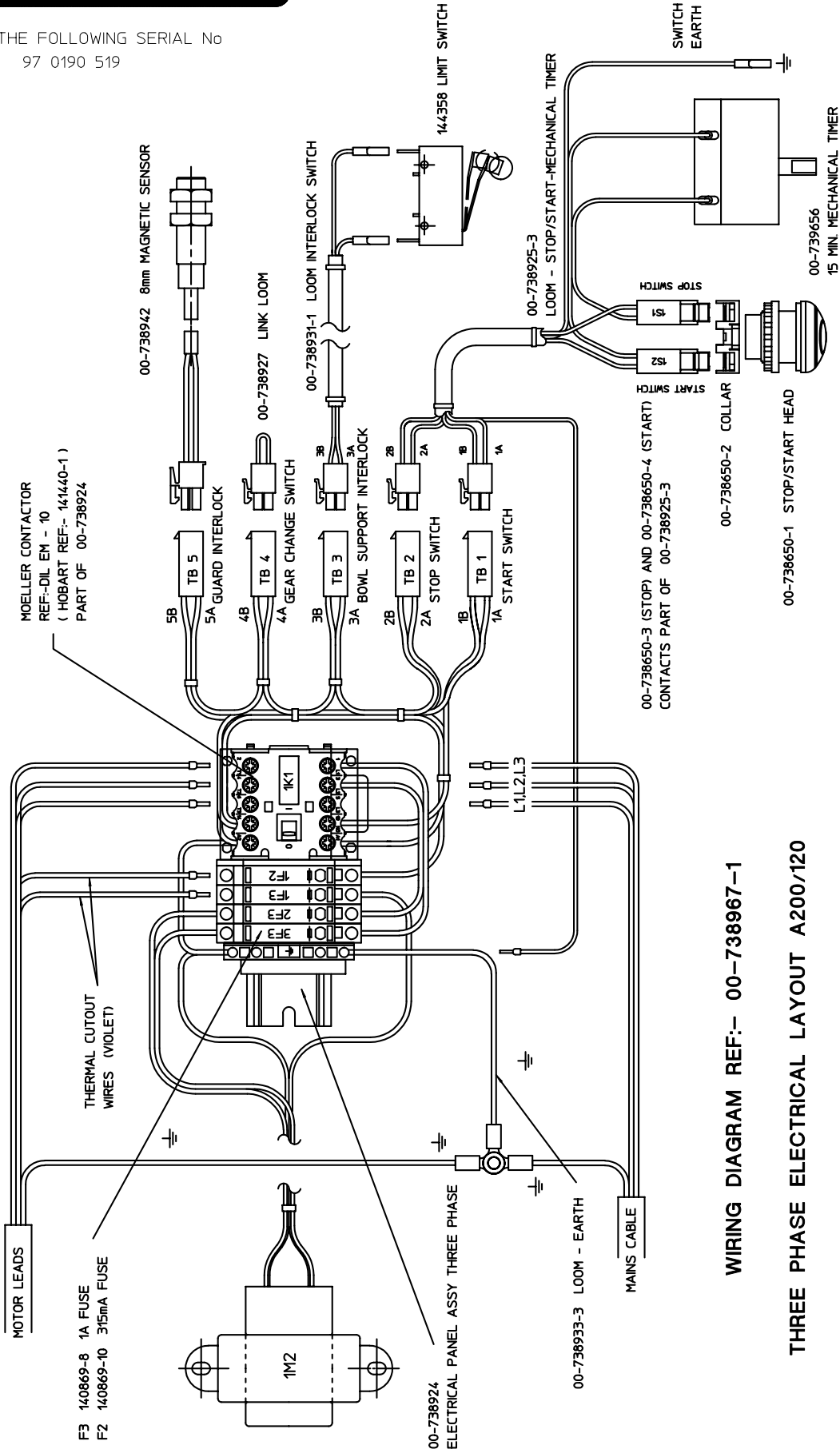
FROM THE FOLLOWING SERIAL No
A120/200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

FROM THE FOLLOWING SERIAL No
A200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

THREE PHASE ELECTRICAL LAYOUT A200/120



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Southgate, London N14 6RT
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www.hobartuk.com**

Continued product improvement is a Hobart UK policy, specifications may change without notice.

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Catalogue of Replacement Parts
Catalogue de Pièces de Rechange
Ersatzteilkatalog



A200N



PLE 200460-K-11-13
EU 8817



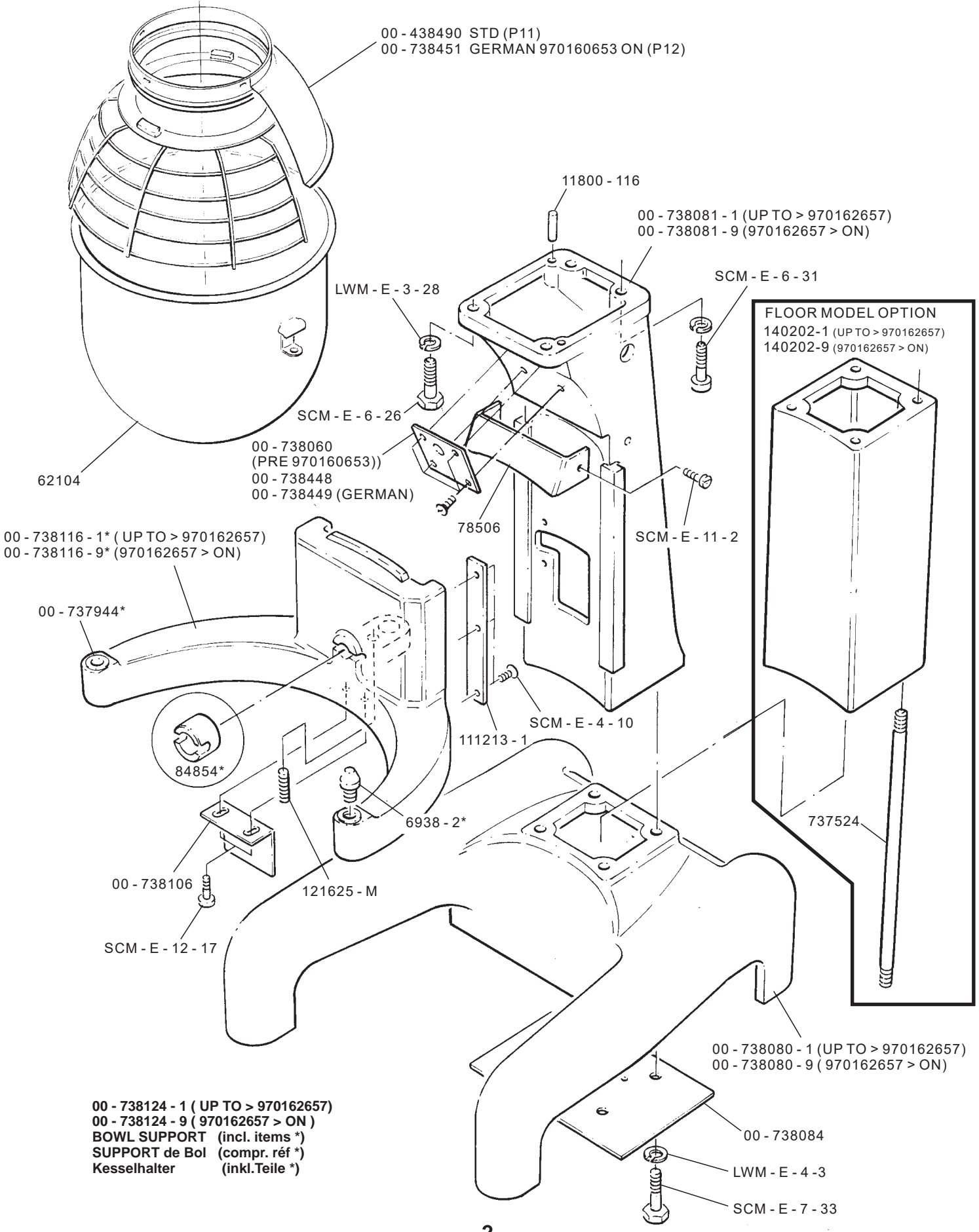
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Base, Pedestal and Bowl Unit
Base, colonne, support de bol
Fuß, Säule und Kessel halter



FLOOR MODEL OPTION
 140202-1 (UP TO > 970162657)
 140202-9 (970162657 > ON)

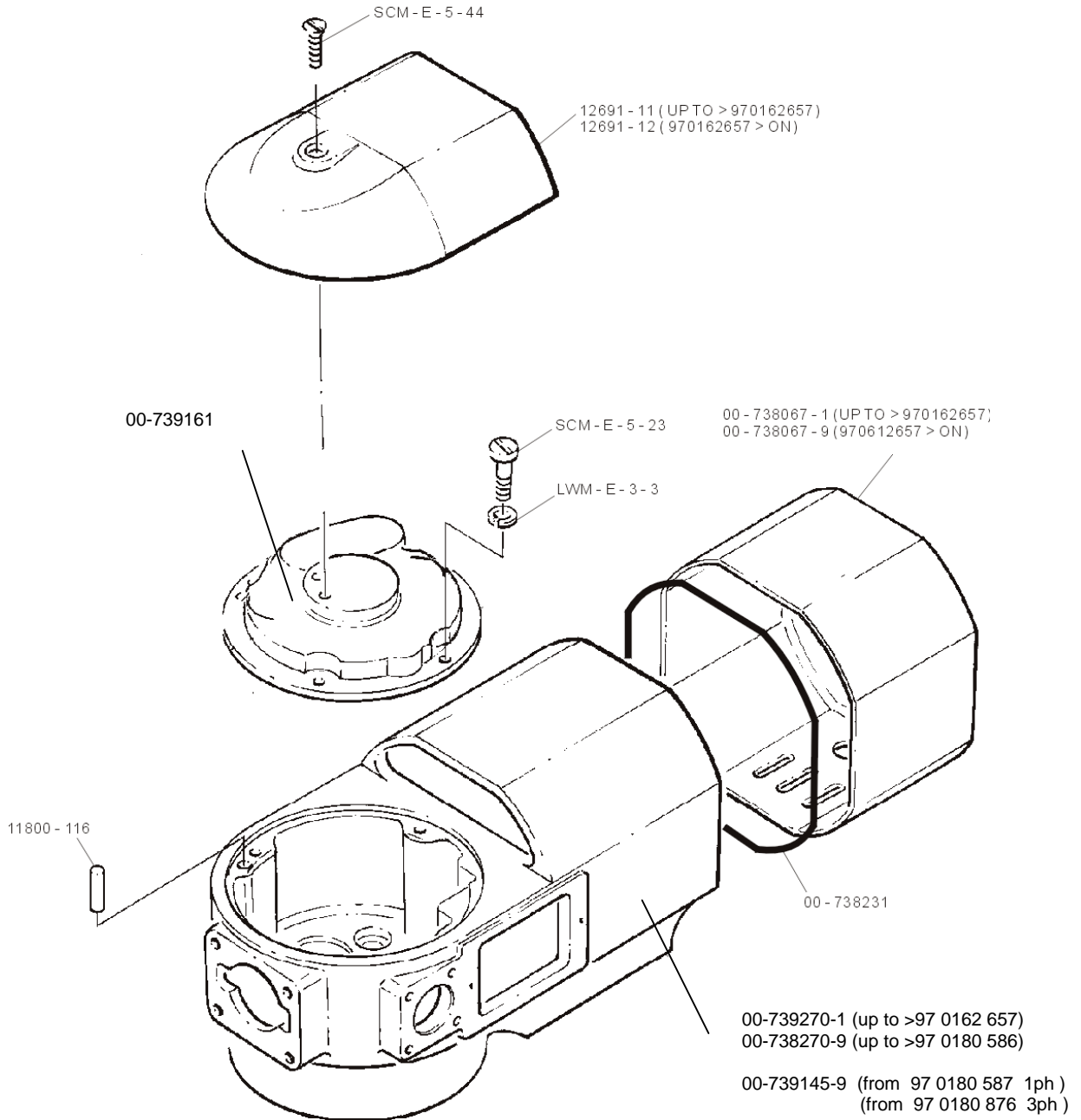
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 00 - 738124 - 9 (970162657 > ON)
BOWL SUPPORT (incl. items *)
SUPPORT de Bol (compr. réf *)
Kesselhalter (inkl. Teile *)

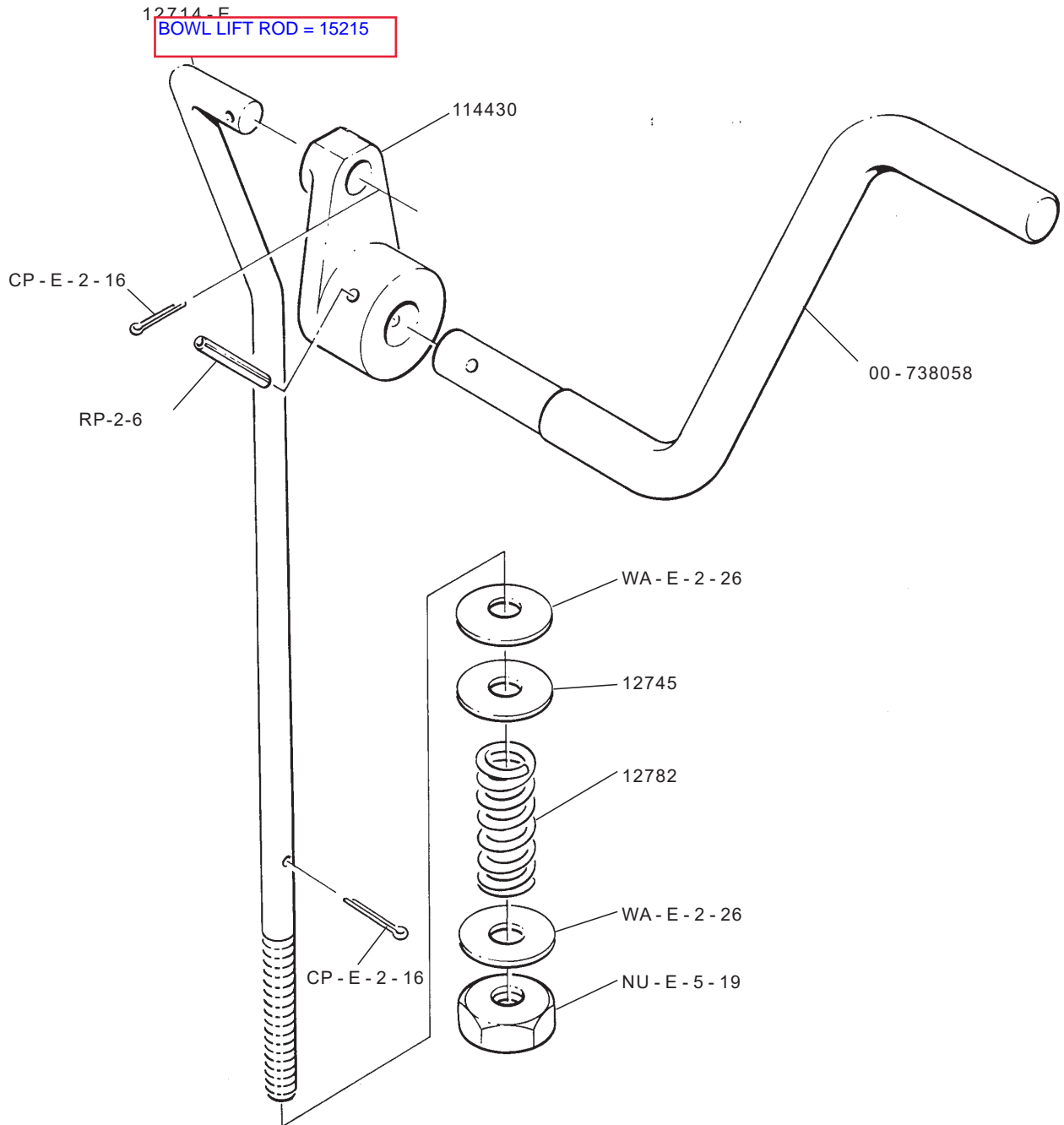


Transmission case
Boîte de Vitesses
Antriebsgehäuse

A200N

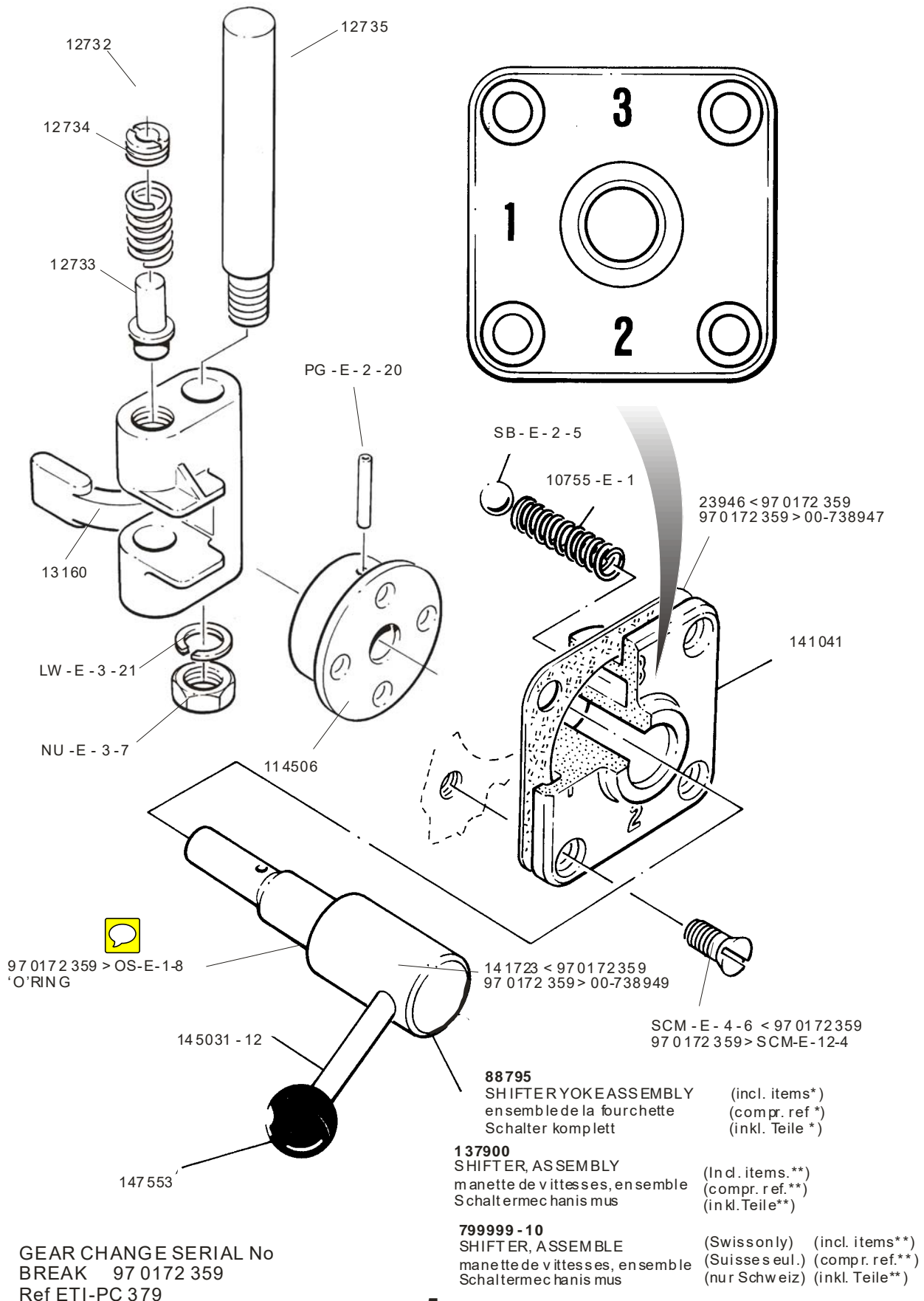
FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 2 FOR PRIOR MACHINES

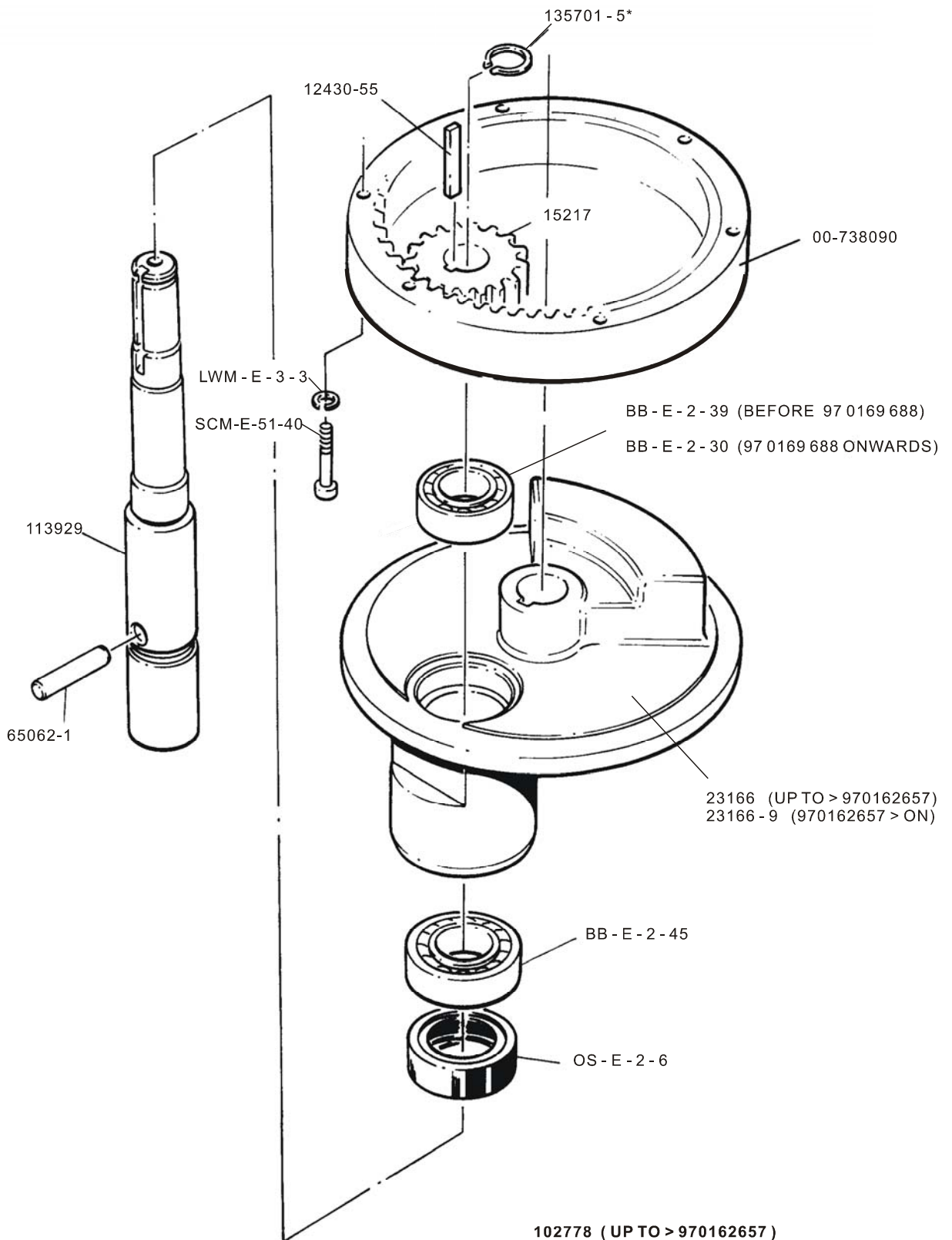




Shifter Unit
Changement de Vitesses
Geschwindigkeitswahlschalter

A200N



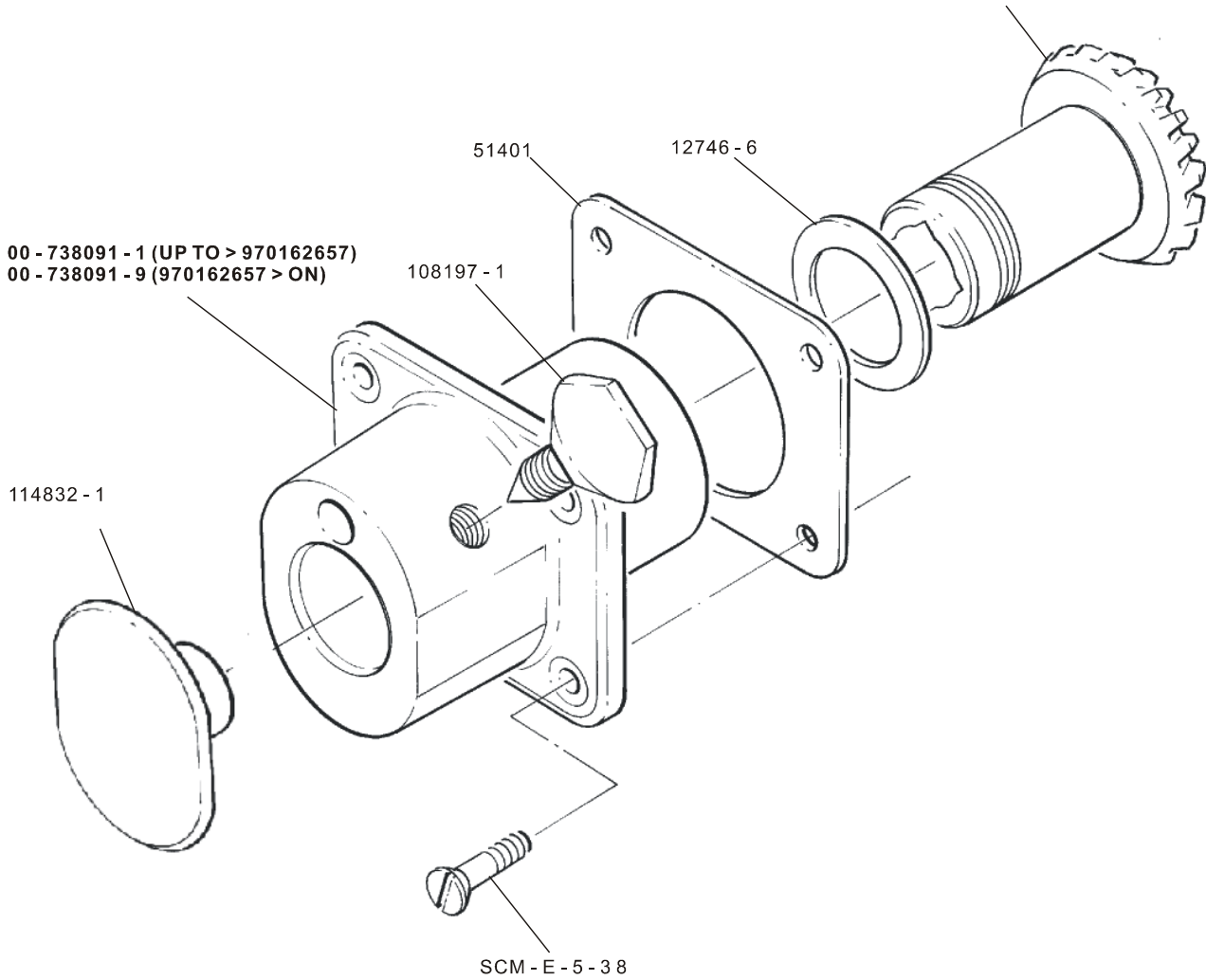


102778 (UP TO > 970162657)
102778-9 (970162657 > ON)
 PLANETARY, ASSEMBLY (incl. items *)
 planétaire, ensemble (compr. ref. *)
 Planetengetriebe, komplett (inkl. Teile *)

Attachment Hub Unit
Canon Porte Accessoires
Ansatznabe

A200N

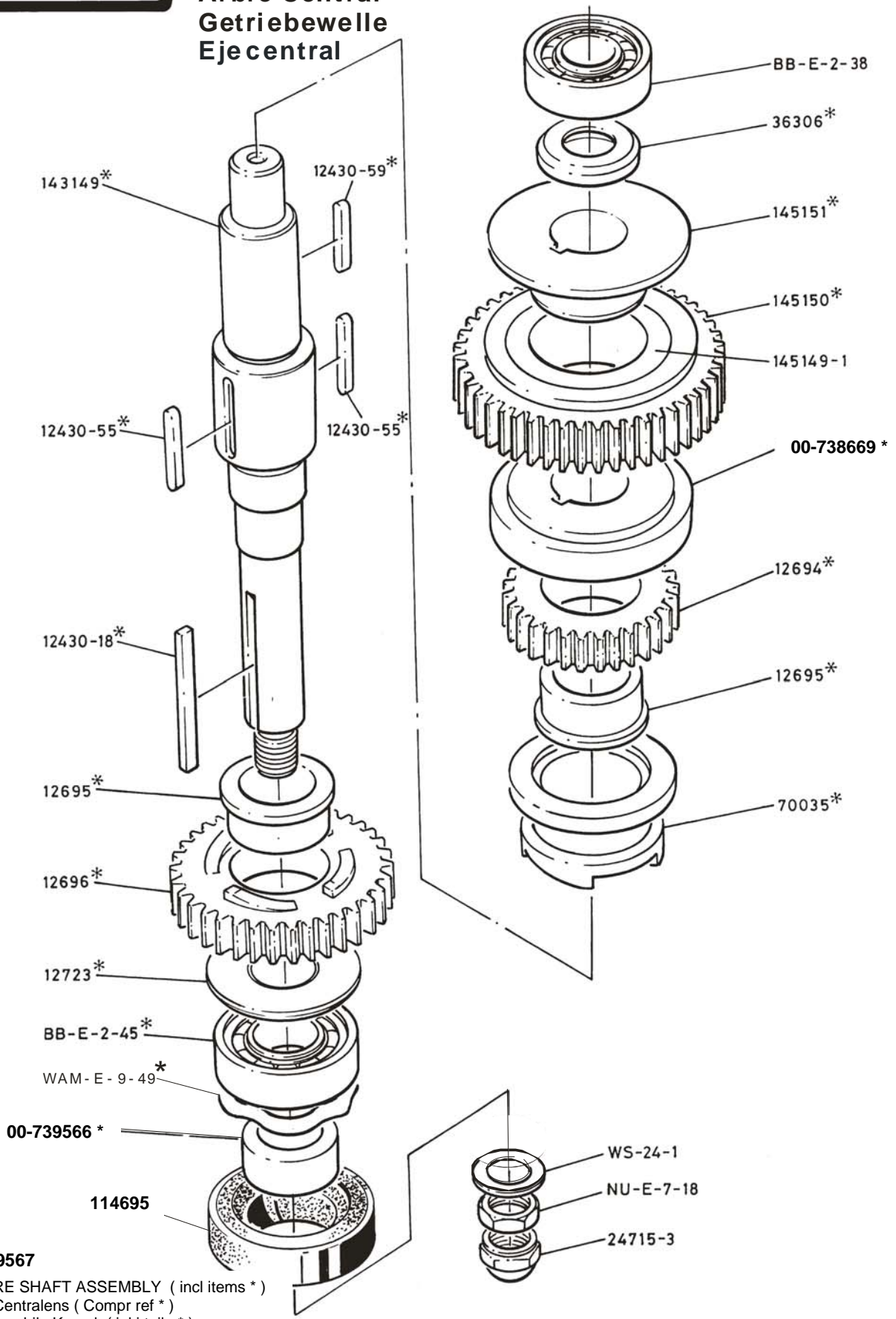
137286 & WP-E-2-3 > SER No 97 0167 055
00-738780 SER No 97 0167 056 <





**Centre Shaft
Arbre Central
Getriebewelle
Eje central**

FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 3 FOR PRIOR MACHINES



00-739567

CENTRE SHAFT ASSEMBLY (incl items *)
Arbre Centralens (Compr ref *)
Getriebewelle Kompl (inki teile *)

**Transmission Shaft
Arbre Intermédiaire
Antriebswelle**

A200N

Note NU-E-5-19 nut and
thread on shaft 00-738102
removed from machines
after 97 0167 675

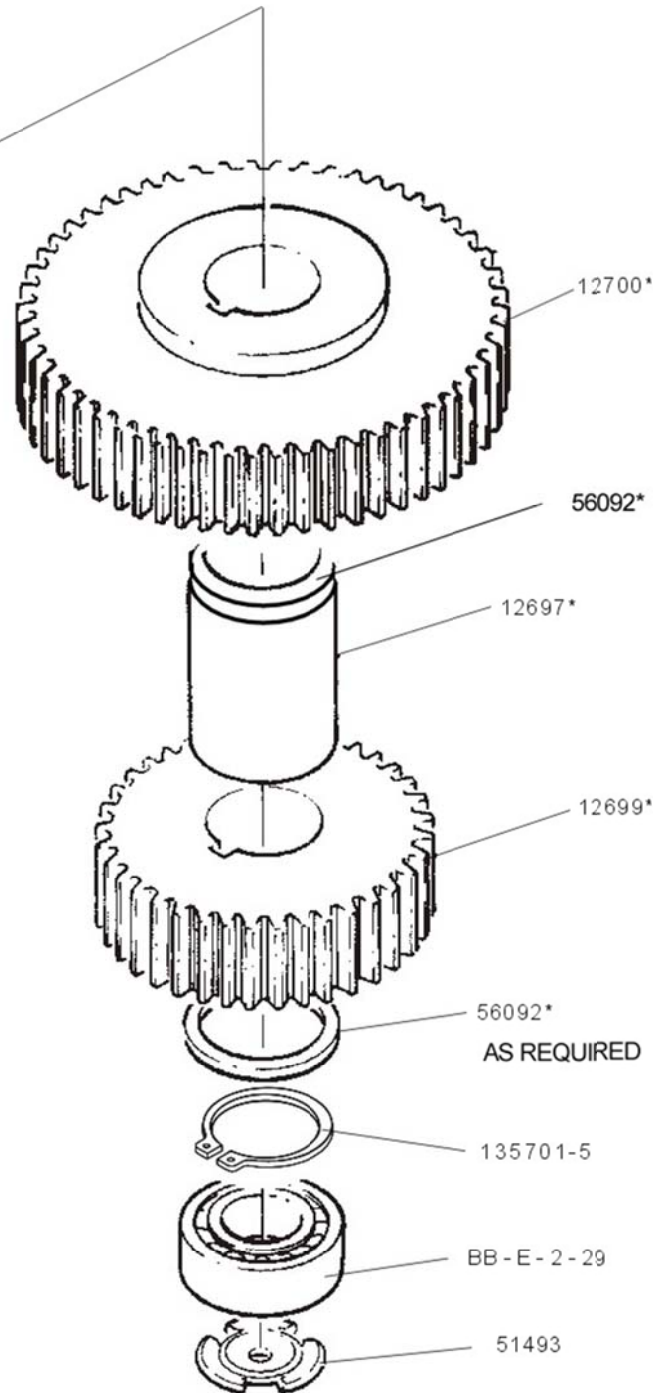
BB-E-2-29

12744
incorporated
into the shaft
00-738102

109070-18*

00-738102

109070-18*

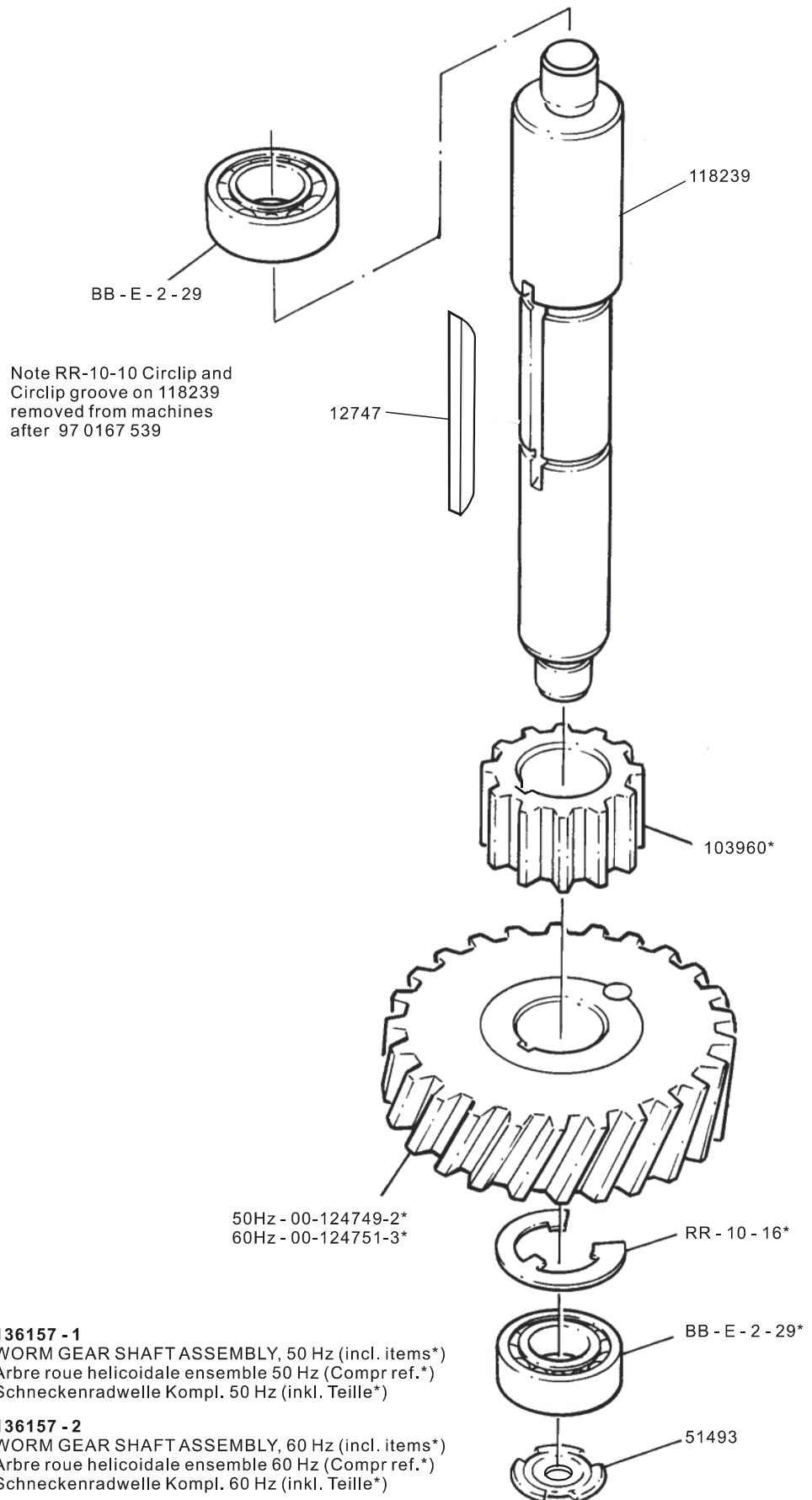


00-738115
TRANSMISSION SHAFT, ASSEMBLY (incl. item*)
arbre intermediaire, ensemble (compr. ref.*)
Antriebwelle, komplett (inkl. Teile*)



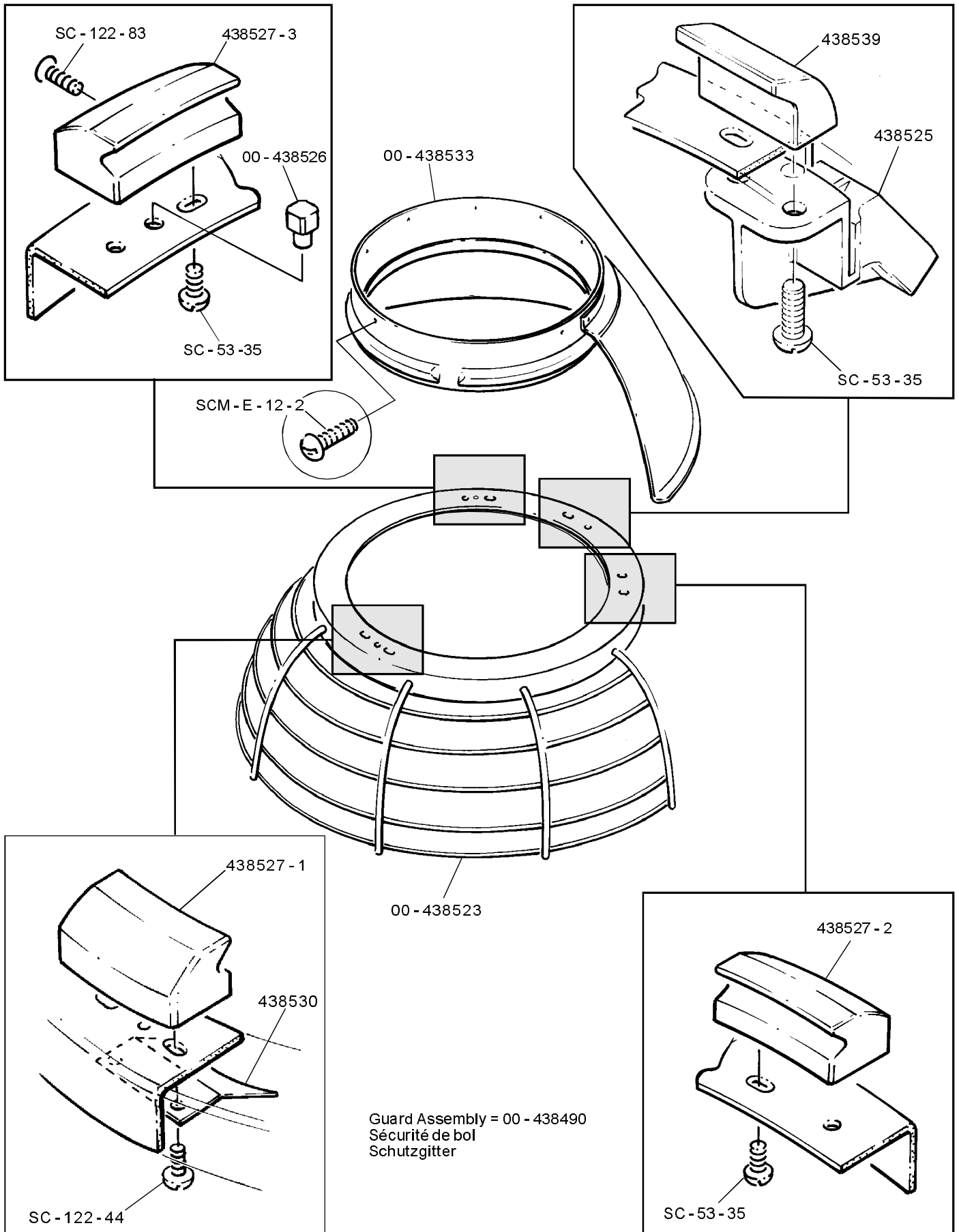
**Worm Gear shaft
Arbre roue hélicoïdale
Schneckenradwelle**

A200N



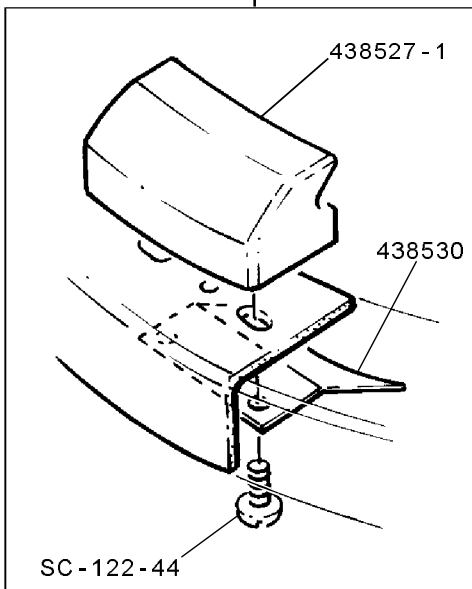
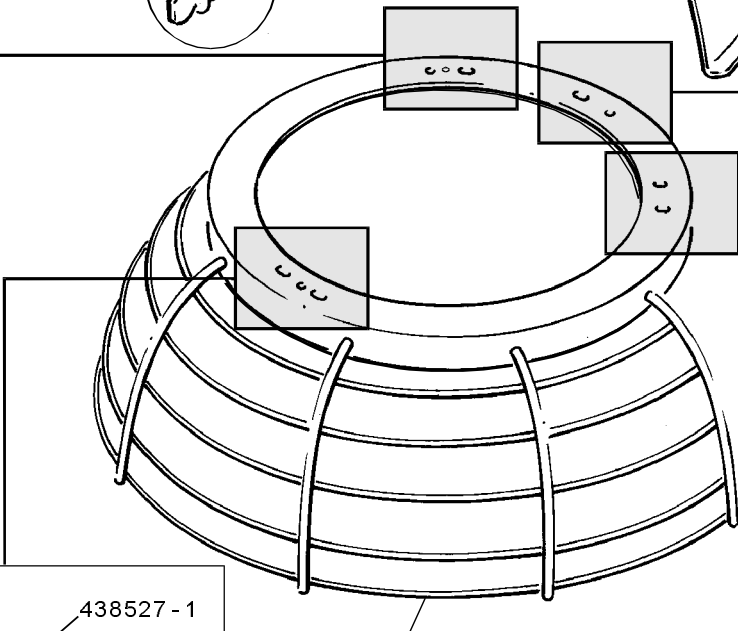
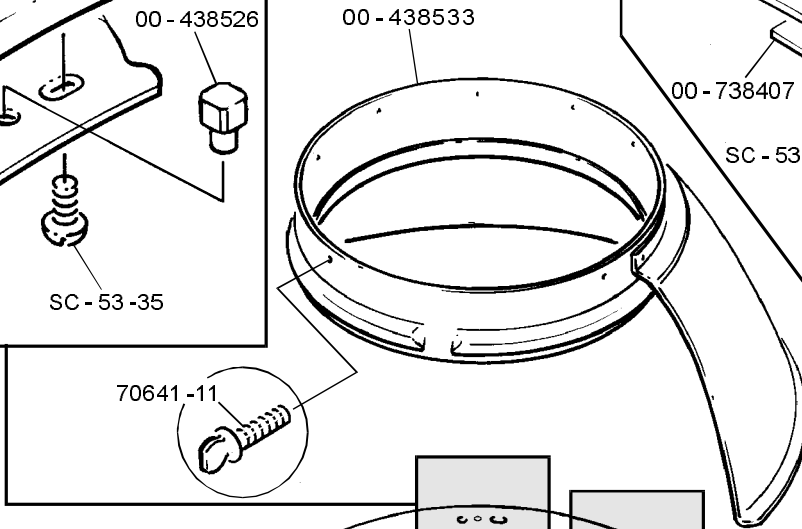
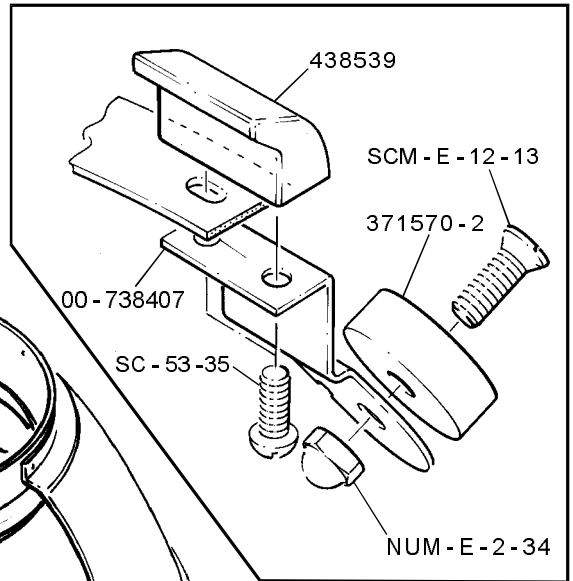
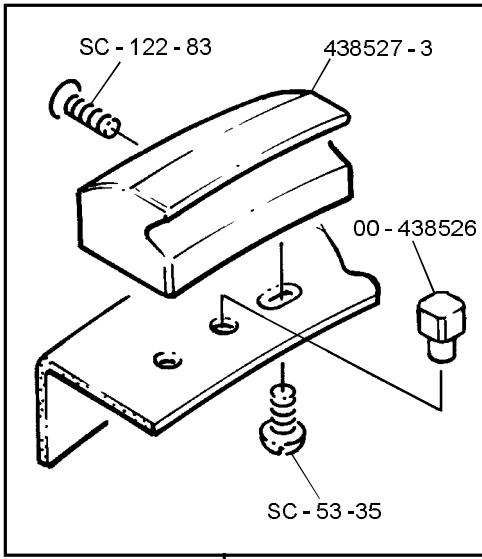
Guard Assembly
Sécurité de bol
Schutzgitter

A200N

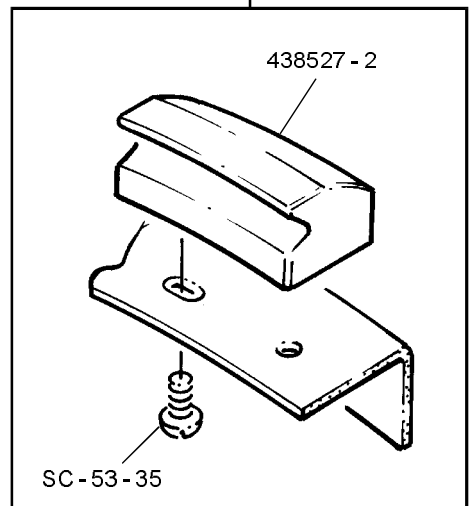




Guard Assembly (GERMAN)
Sécurité de bol
Schutzgitter



Guard Assembly = 00-738451
Sécurité de bol
Schutzgitter



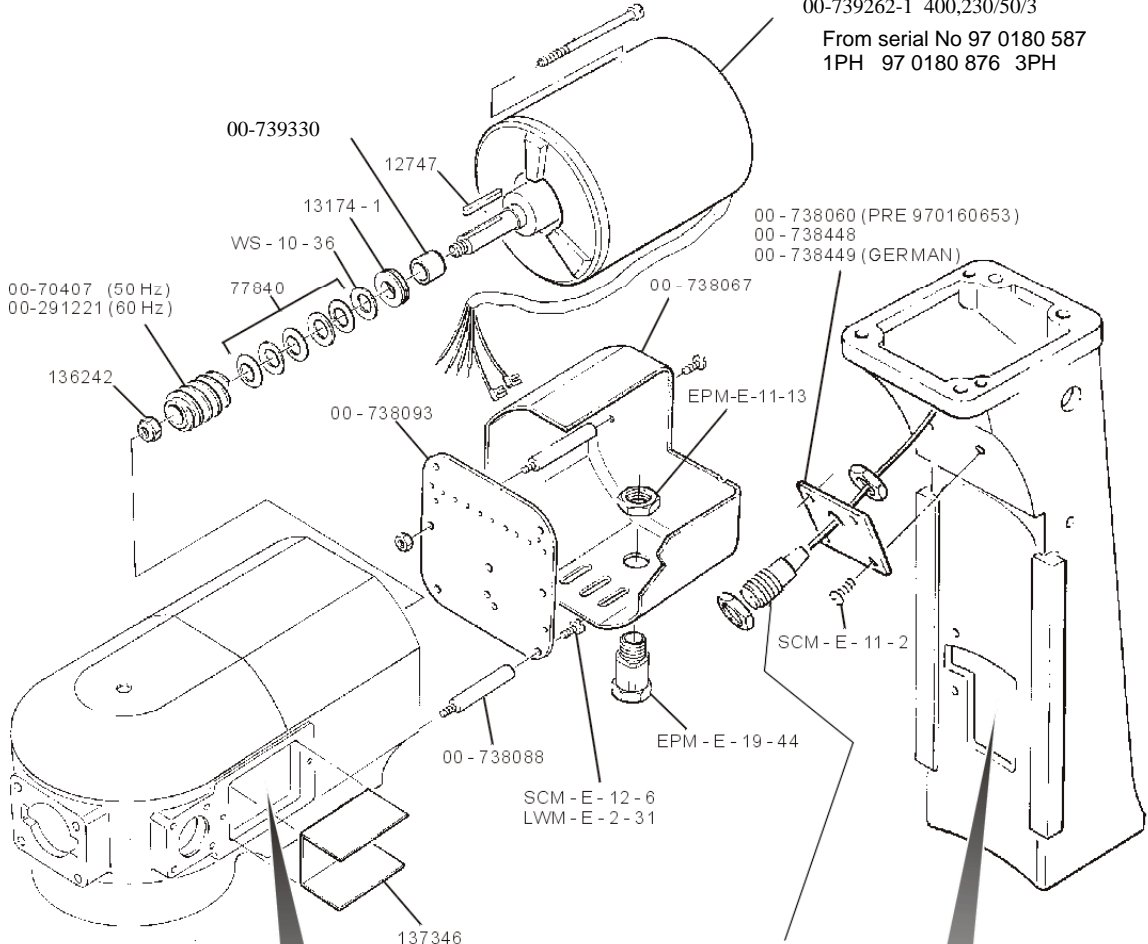


Electrical parts
Pièces Electriques
Elektoteile

A200N

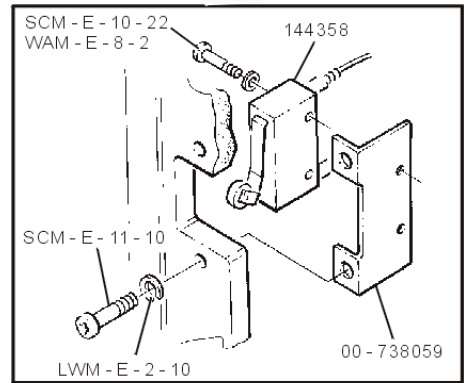
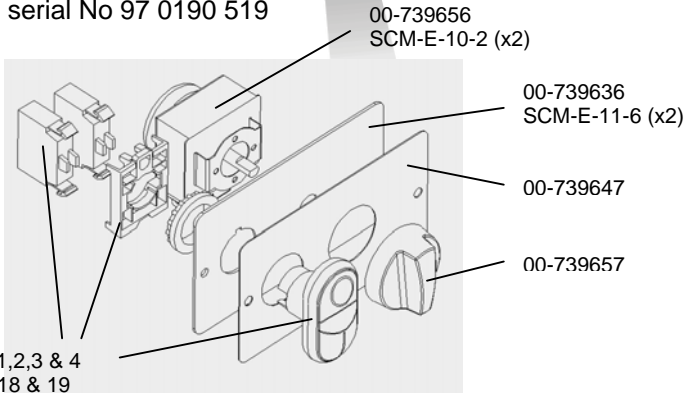
See appendix page 1 and 4

00-739261-1 230/50/1
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 From serial No 97 0180 587
 1PH 97 0180 876 3PH



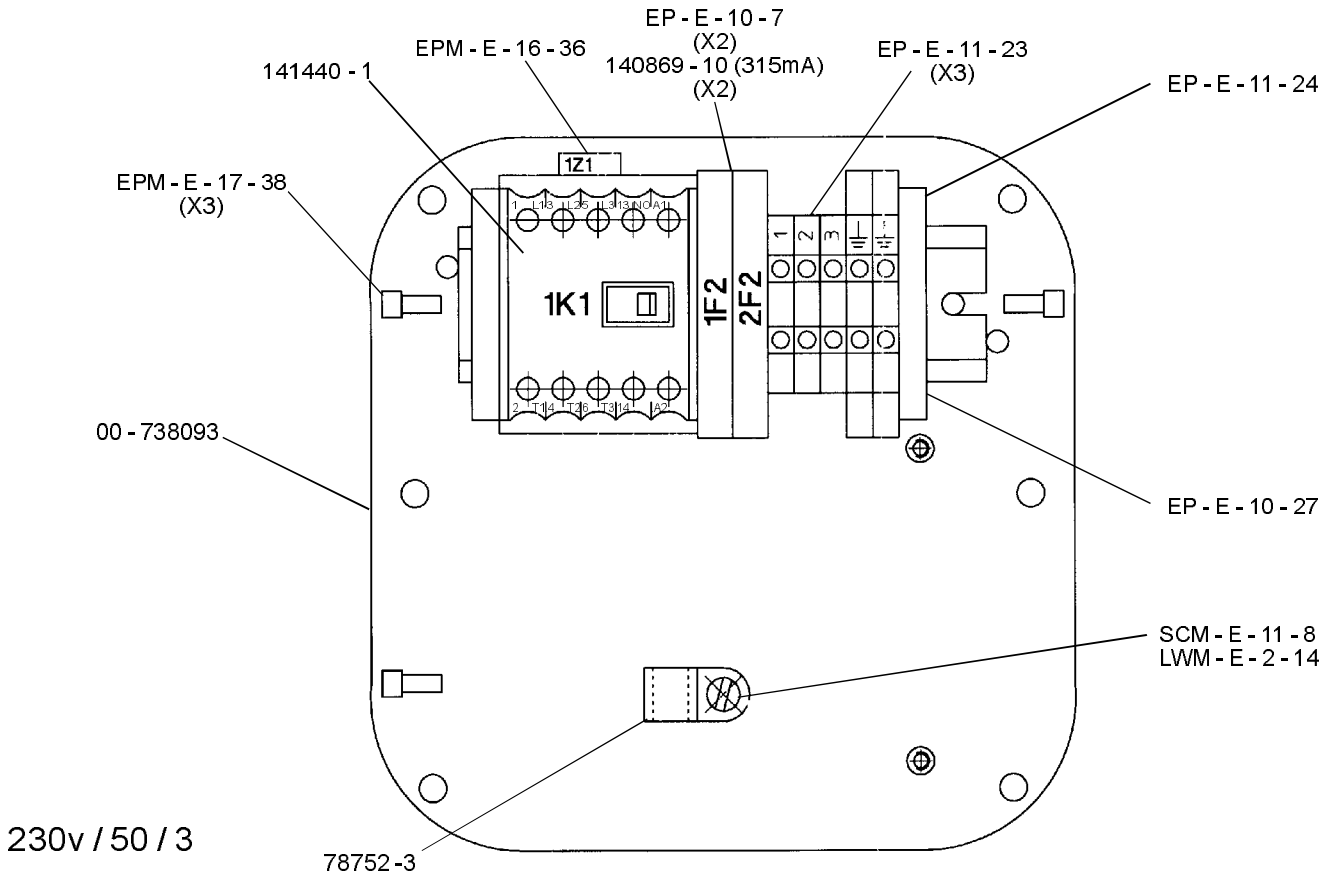
See page 17,18 & 19

Switch plate and timer
 from serial No 97 0190 519

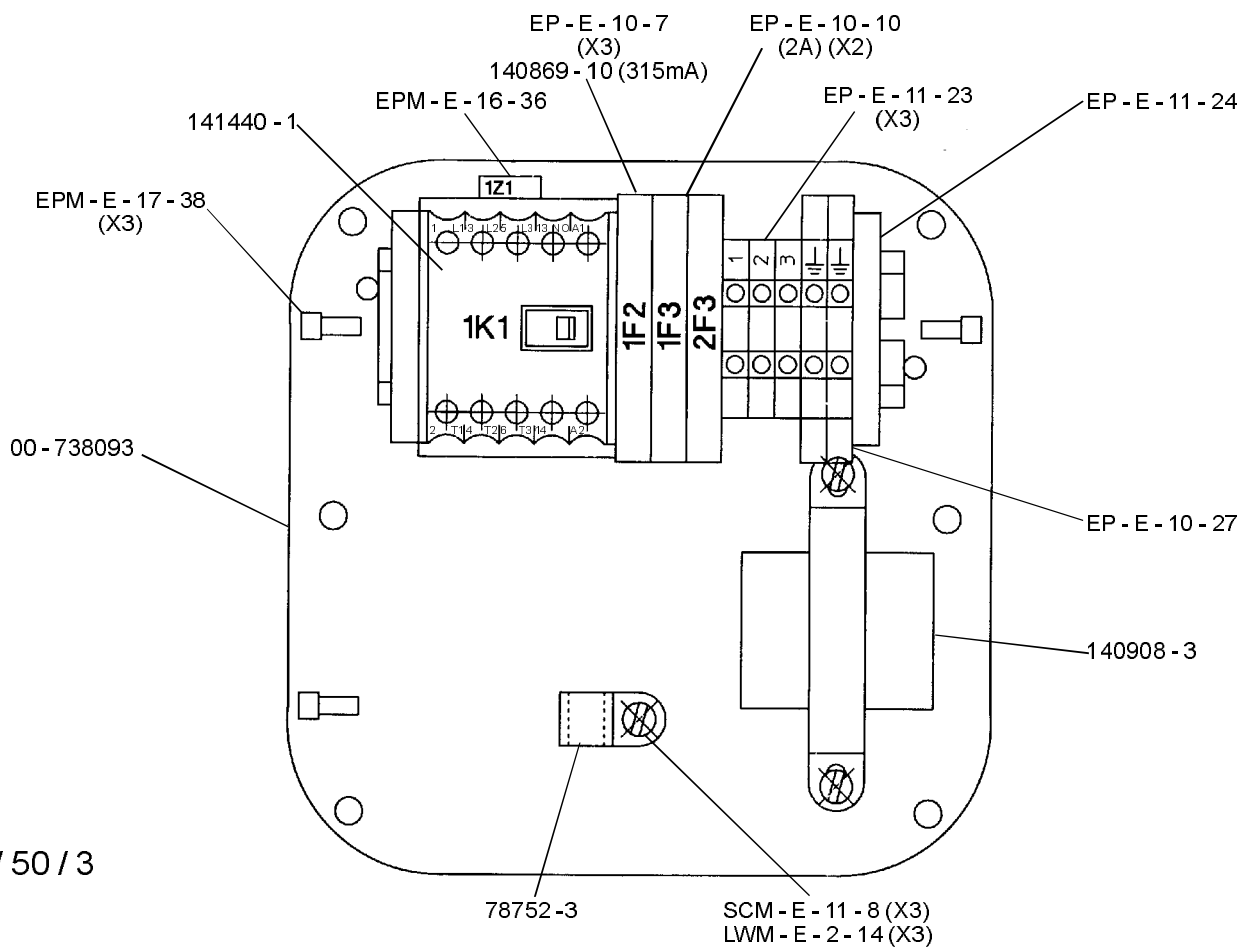


Electrical Parts (230v/50/3 & 400/50/3)
Auxiliares eléctricas
Electroteile

A200N



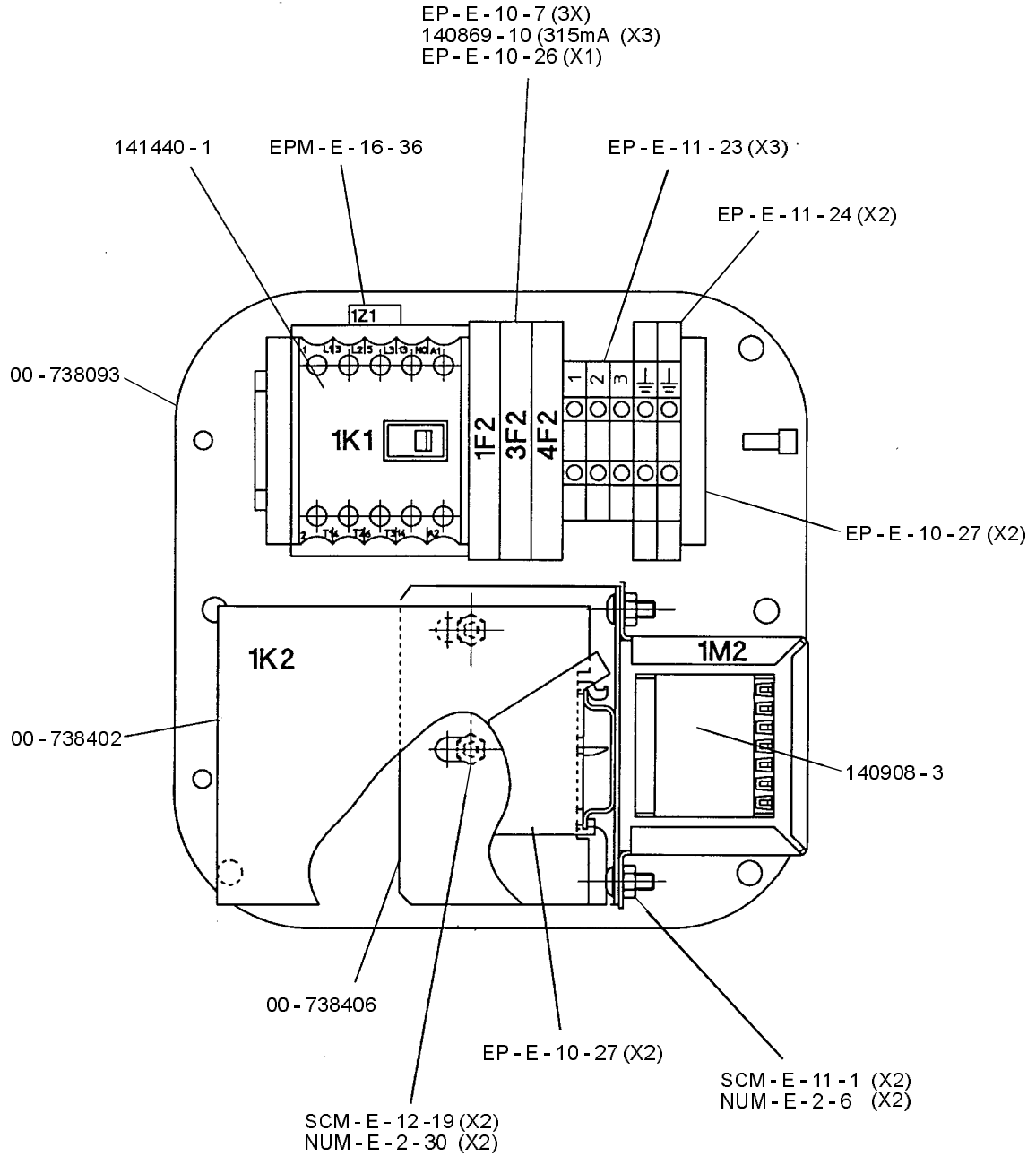
230v / 50 / 3



400 / 50 / 3

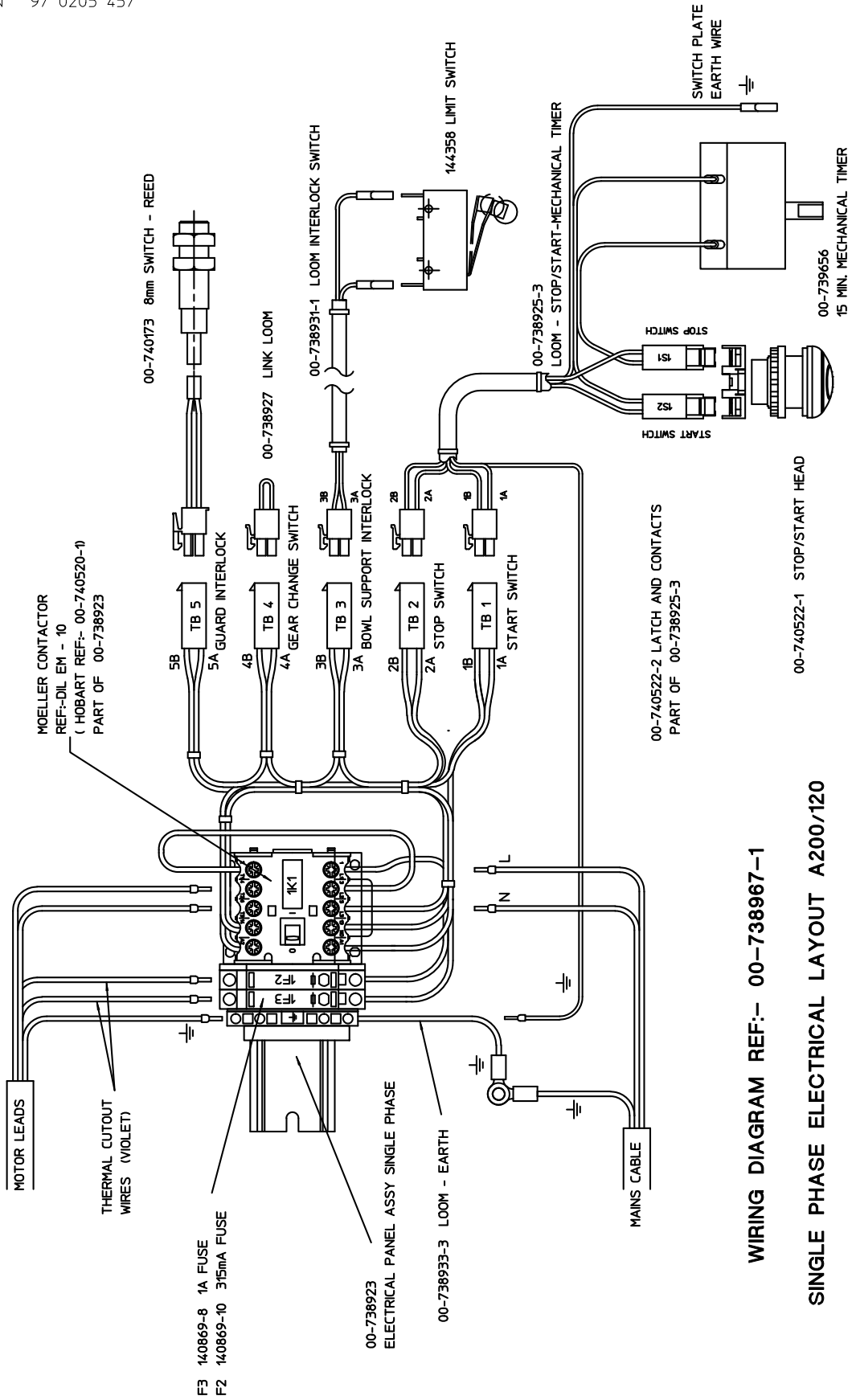


Electrical Parts (400/50/3 GERMAN) Auxiliares eléctricas Electroteile



400/50/3 (GERMAN)

FROM THE FOLLOWING SERIAL No
A120/200N 97 0205 457

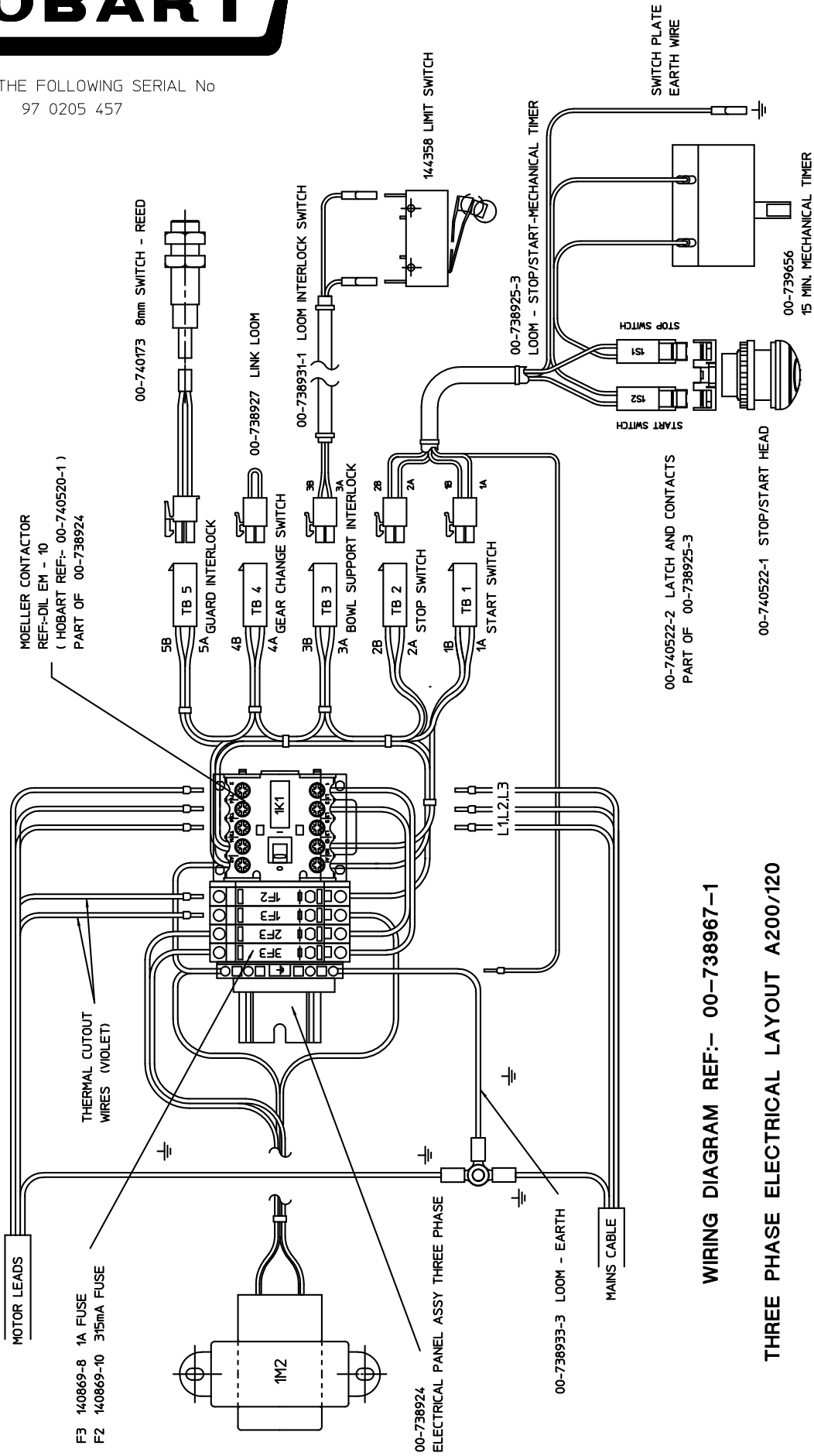


WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

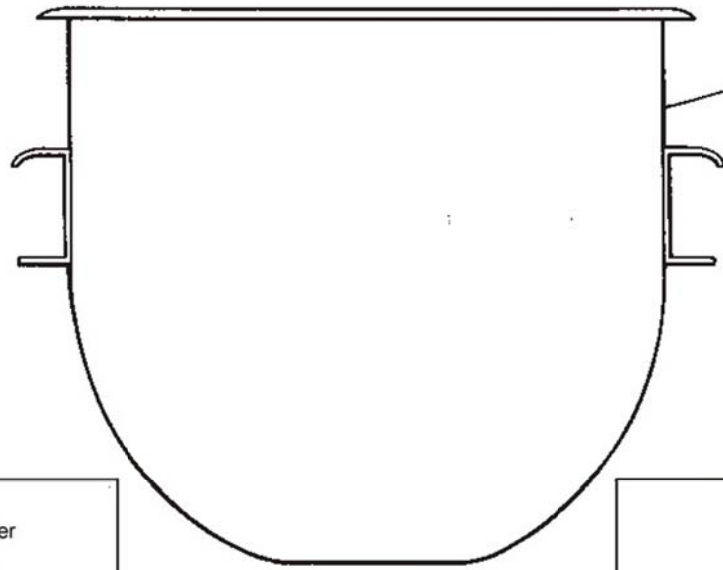


FROM THE FOLLOWING SERIAL No
A200N 97 0205 457



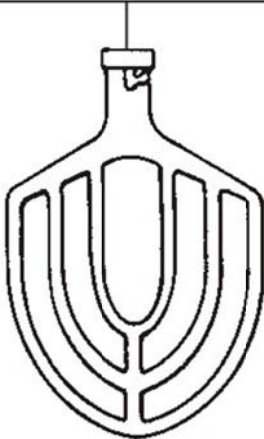
WIRING DIAGRAM REF:- 00-738967-1

THREE PHASE ELECTRICAL LAYOUT A200/120



62104 20qt
00-738450 10qt

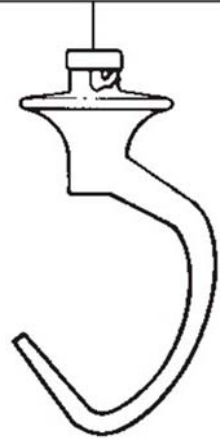
23126 20Lt "B" Beater
136915 10Lt "B" Beater
275559 20Lt "B" Beater ST.ST
136915-1 10Lt "B" Beater ST.ST



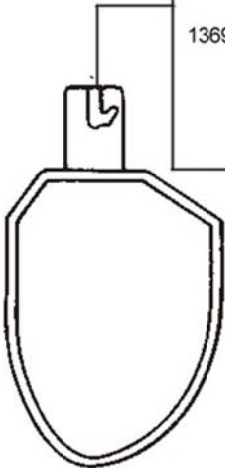
40293 20Lt "ED" Hook



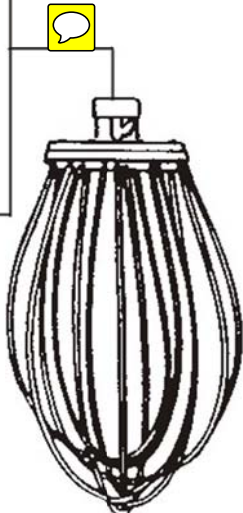
136912 10Lt "E" Hook



74286 20Lt "PK" Pastry knife
136914-2 10Lt "PK" Pastry knife ST.ST



23511-M 20D Whip
140249 10D Whip

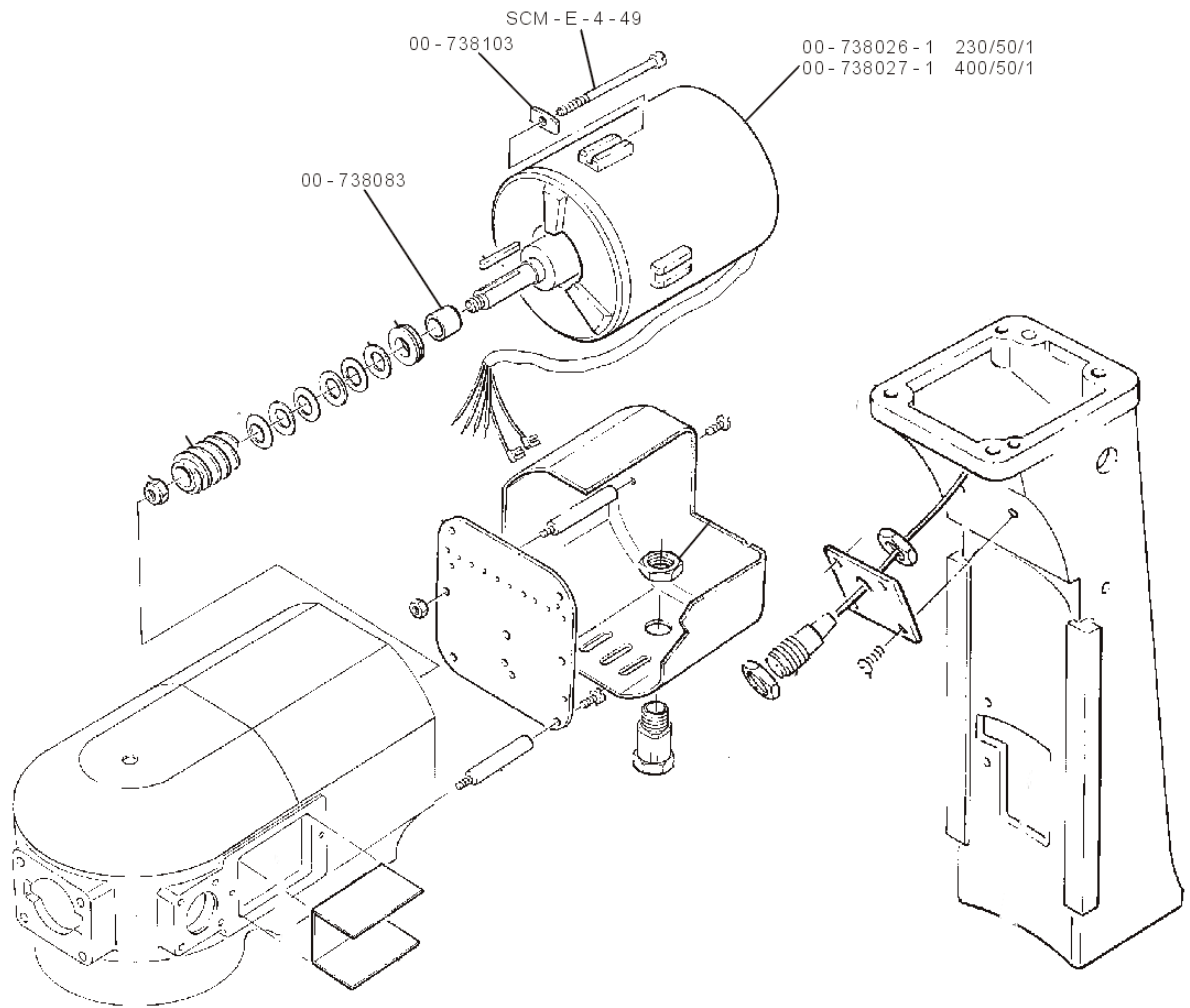




Electrical parts
Pièces Electriques
Elektoteile

A200N

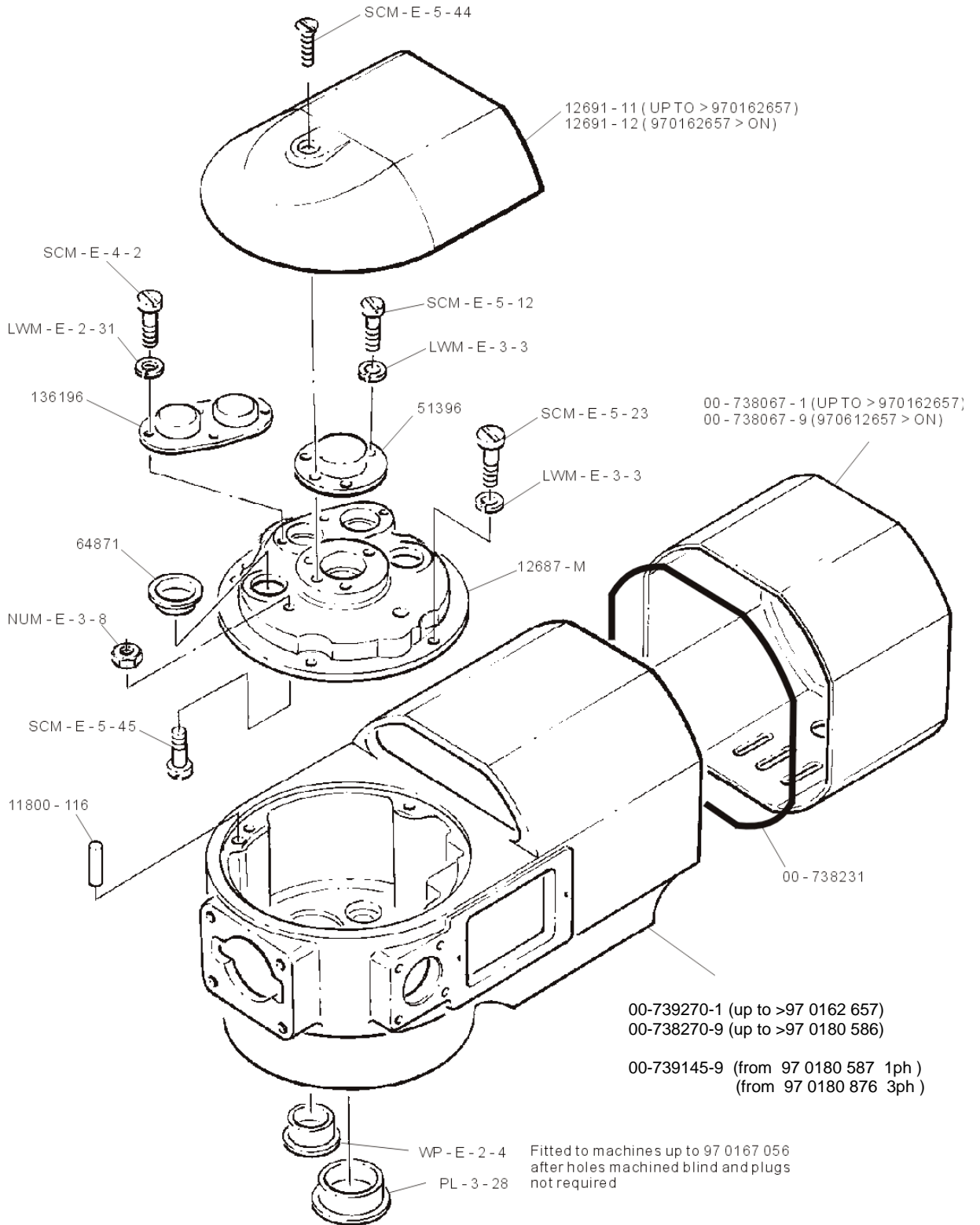
Before serial No 97 0180 587 1PH 97 0180 876 3PH





Transmission case
Boîte de Vitesses
Antriebsgehäuse

A200N

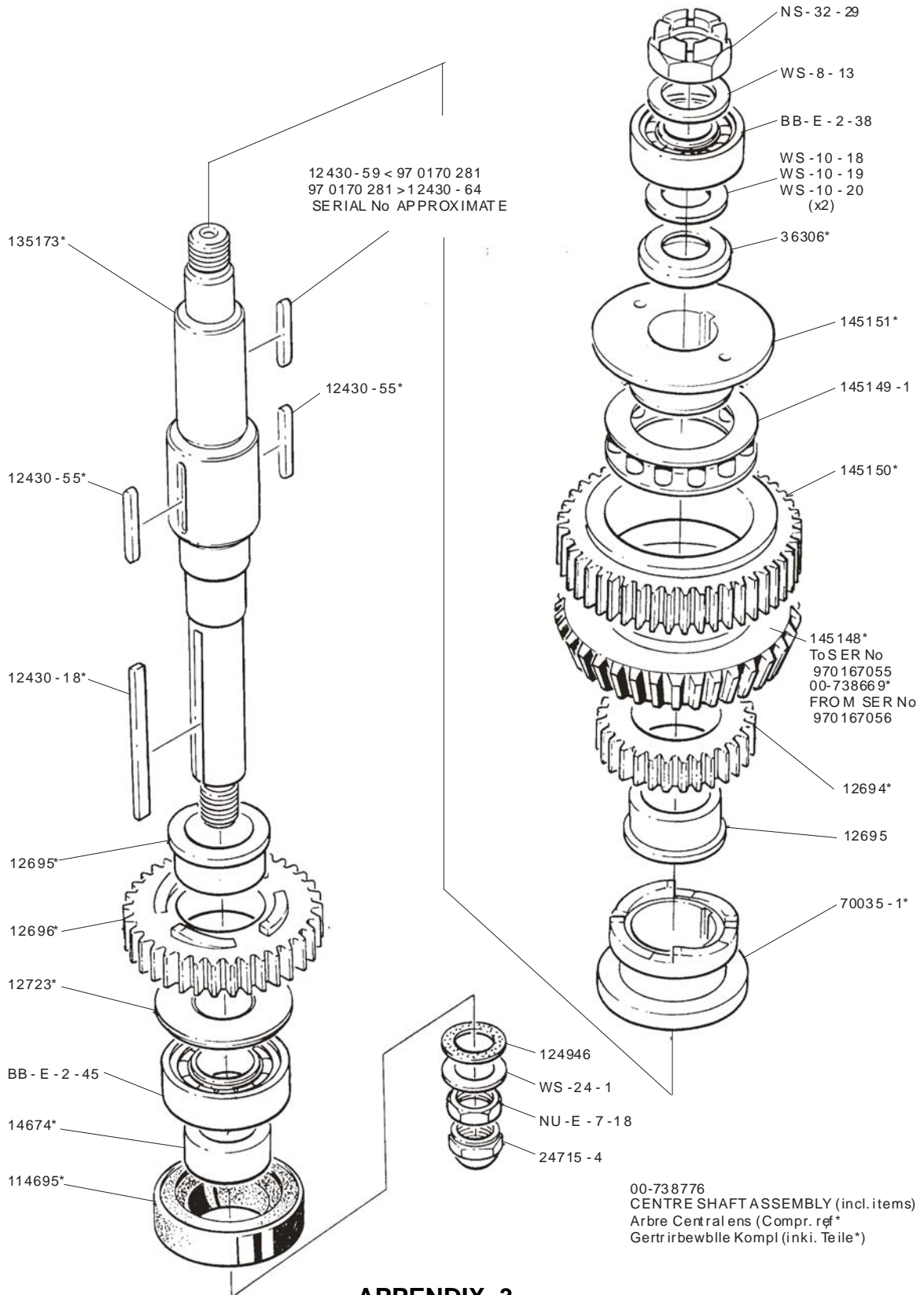


APPENDIX 2

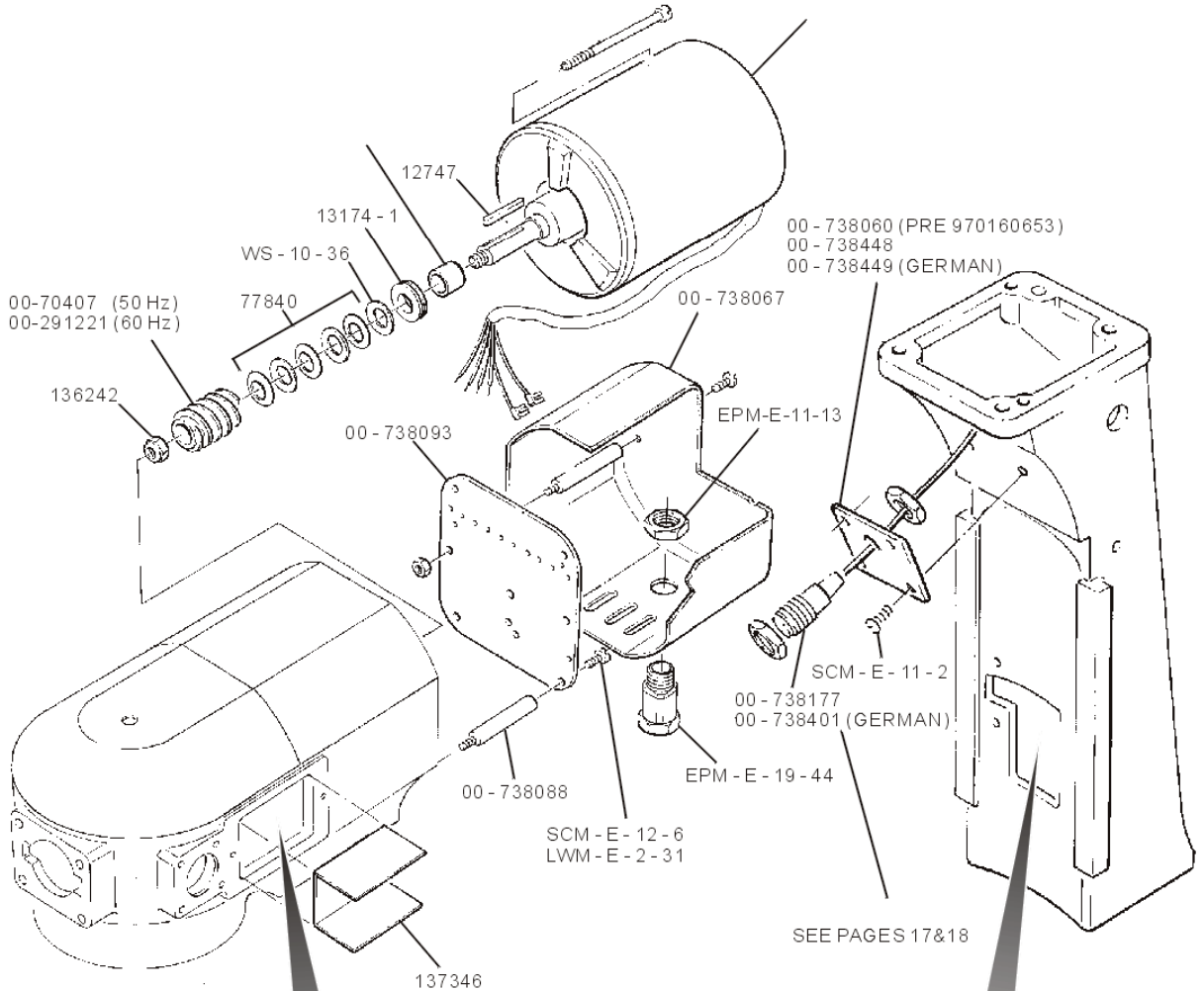


Transmission case
Boîte de Vitesses
Antriebsgehäuse

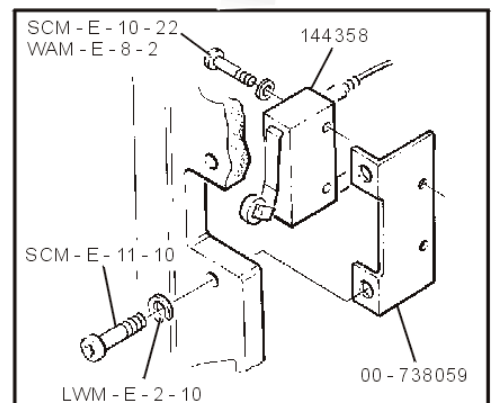
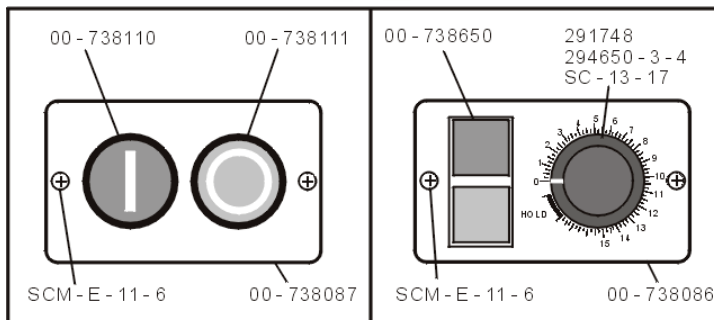
A200N



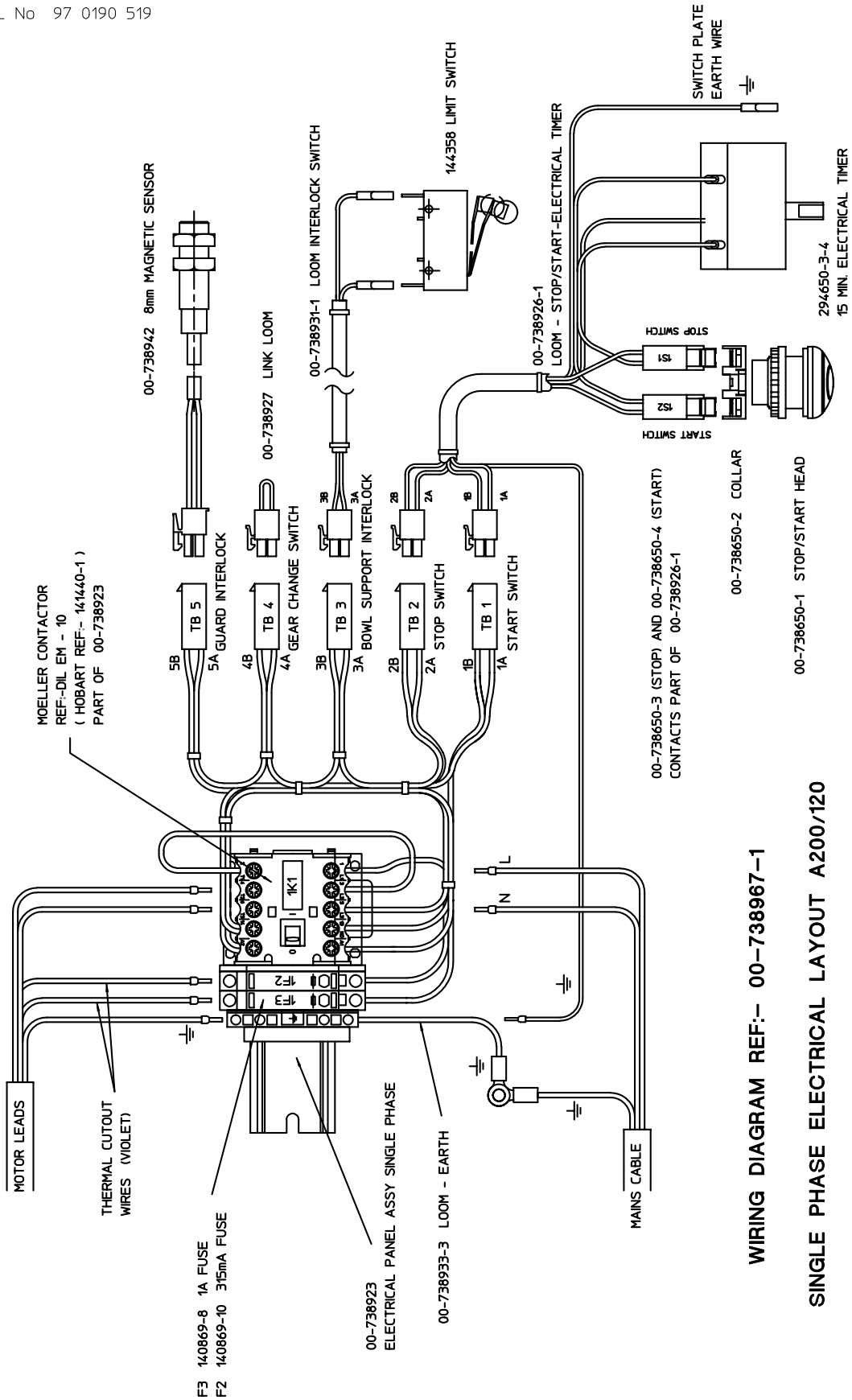
APPENDIX 3



Switch plates
before serial No 97 0190 519



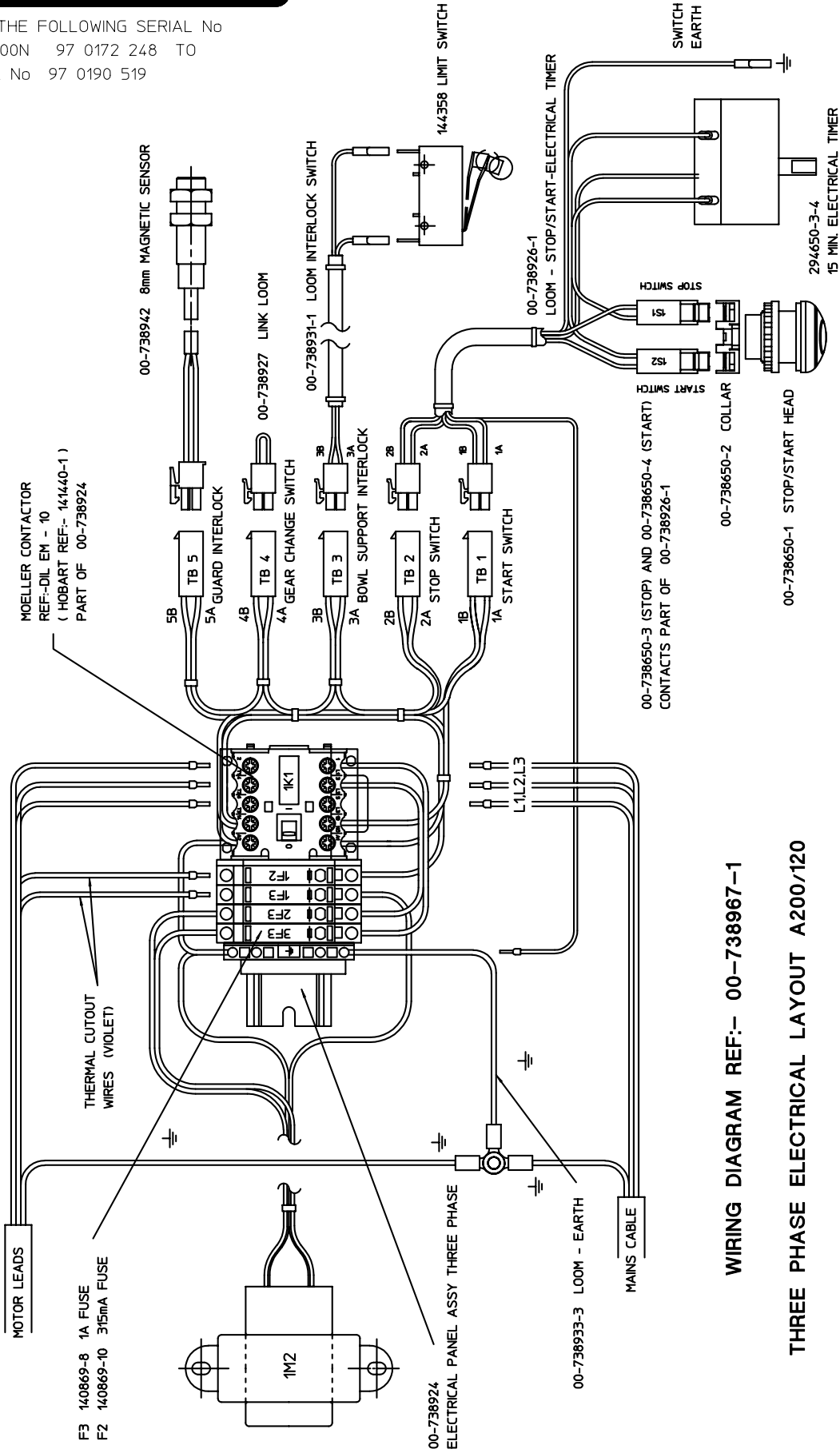
FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 672
 TO SERIAL No 97 0190 519



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SINGLE PHASE ELECTRICAL LAYOUT A200/120

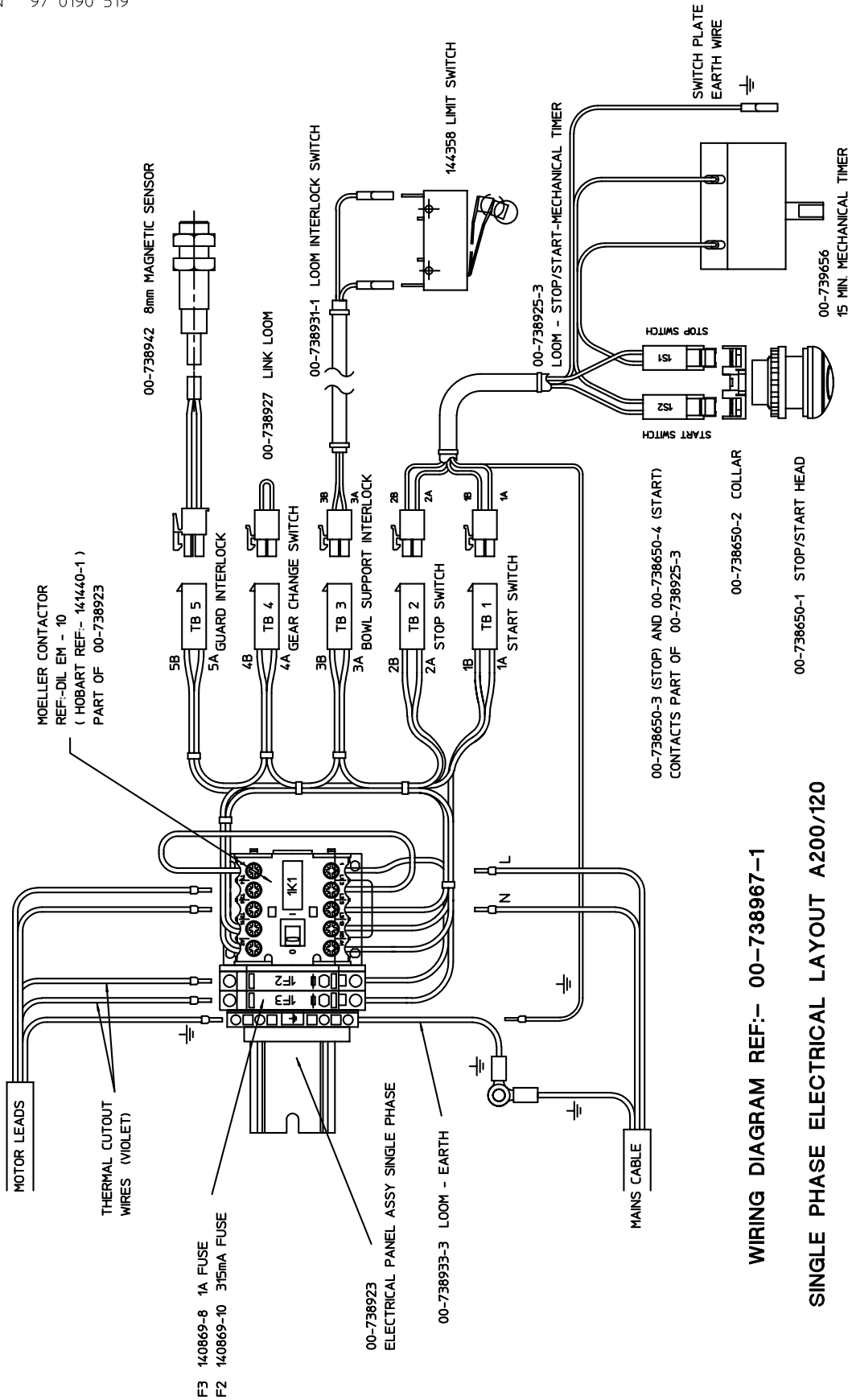
FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 248 TO
 SERIAL No 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

THREE PHASE ELECTRICAL LAYOUT A200/120

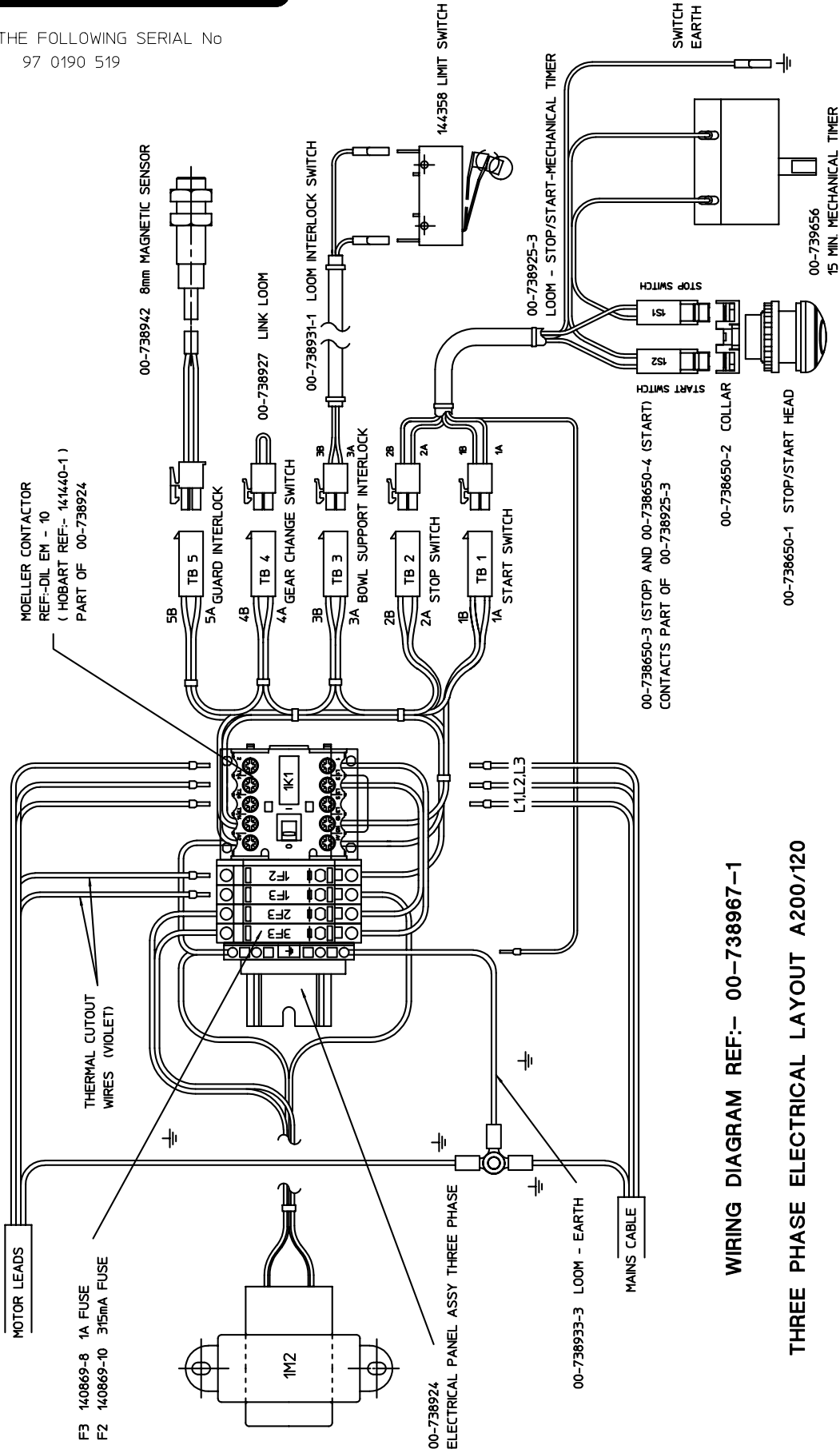
FROM THE FOLLOWING SERIAL No
A120/200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

FROM THE FOLLOWING SERIAL No
A200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

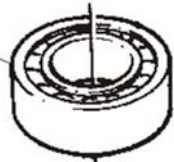
THREE PHASE ELECTRICAL LAYOUT A200/120

**Transmission Shaft
Arbre Intermédiaire
Antriebswelle**

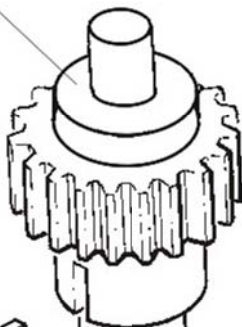
A200N

Note NU-E-5-19 nut and
thread on shaft 00-738102
removed from machines
after 97 0167 675

BB-E-2-29



12744
incorporated
into the shaft
00-738102



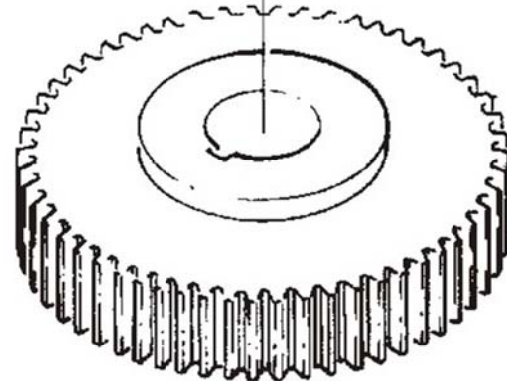
109070 - 18*



00 - 738102



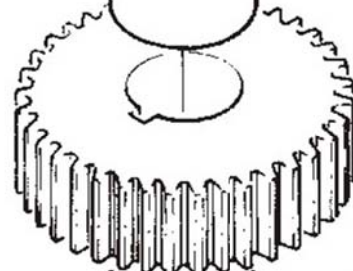
109070 - 18*



12700*



12697*



12699*



56092*



135701-5



BB-E-2-29



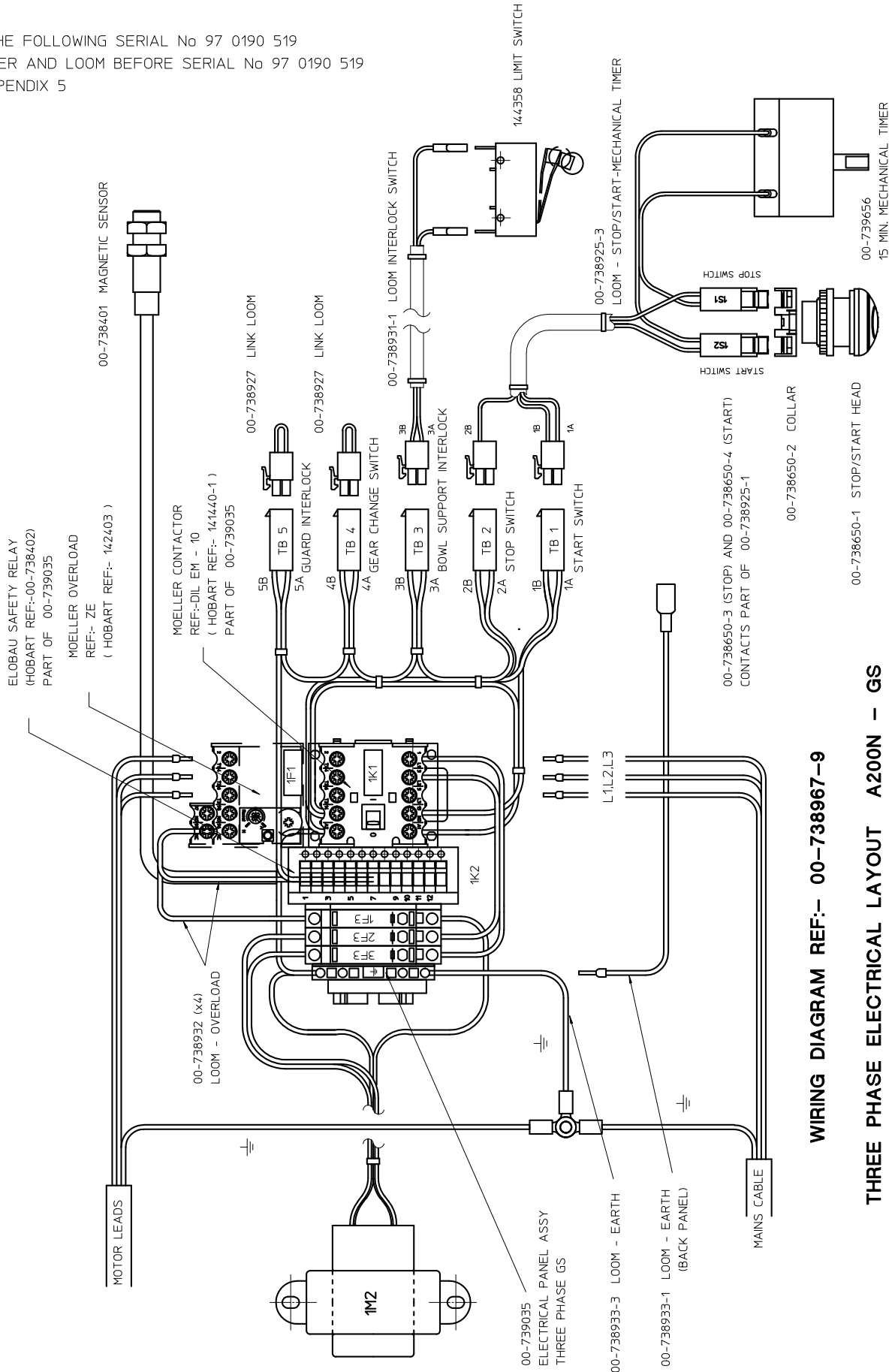
51493

00 - 738115
TRANSMISSION SHAFT, ASSEMBLY (incl. item*)
arbre intermediaire, ensemble (compr. ref.*)
Antriebswelle, komplett (inkl. Teile*)

APPENDIX 9

HOBART

FROM THE FOLLOWING SERIAL No 97 0190 519
 FOR TIMER AND LOOM BEFORE SERIAL No 97 0190 519
 SEE APPENDIX 5



WIRING DIAGRAM REF:- 00-738967-9

THREE PHASE ELECTRICAL LAYOUT A200N - GS



Hobart trained service technicians strategically located at the listed Hobart branches are prepared to give you fast, efficient and reliable service. Protect your investment by having a Hobart inspection contract, which assures the continued, efficient operation of your Hobart machines, spares and accessories.

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0844 888 7777

**Hobart UK
Hobart House, 51 The Bourne,
Southgate, London N14 6RT
Tel: 020 8920 2800 Fax 020 8886 0450
www.hobartuk.com**

Continued product improvement is a Hobart Still policy, specifications may change without notice.

HOBART SERVICE GERMANY

SERVICE-INFORMATIONEN UND -TELEFONNUMMERN.

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Service Tel. 01803 / 45 62 58 – www.hobart.de – info@hobart.de (innerhalb Deutschland)

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HOBART SERVICE FRANCE

Telephone : 0825021222

Hobart ayant une politique d'amélioration constante de ses produits, les spécifications peuvent changer sans préavis.



Catalogue of Replacement Parts
Catalogue de Pièces de Rechange
Ersatzteilkatalog



A200N



PLE 200460-K-11-13
EU 8817



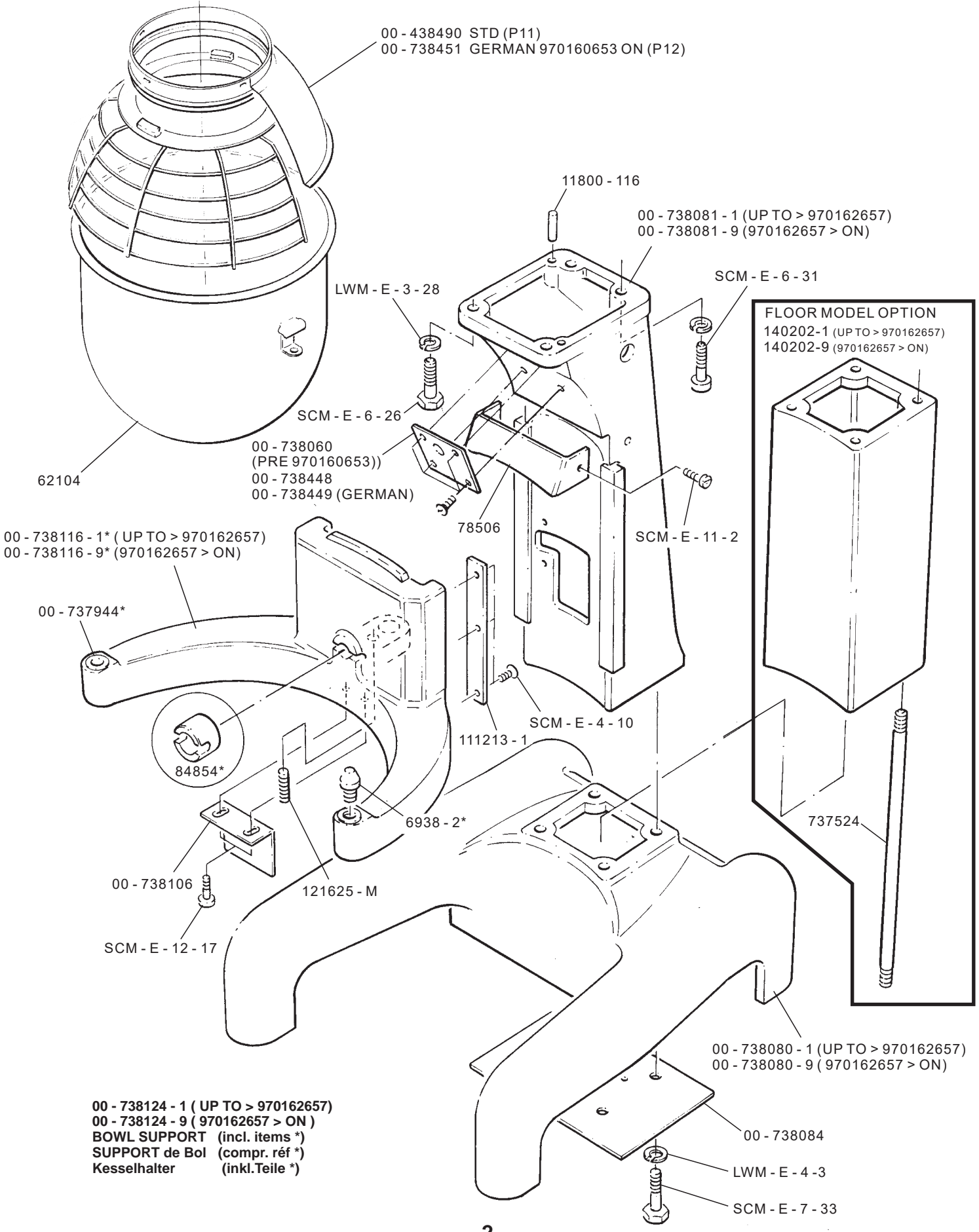
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Bowl Lift Relevage de bol Kesselheber	4
Shifter Unit Changement de Vitesses Geschwindigkeitswahlschalter	5
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Base, Pedestal and Bowl Unit
Base, colonne, support de bol
Fuß, Säule und Kessel halter



FLOOR MODEL OPTION
 140202-1 (UP TO > 970162657)
 140202-9 (970162657 > ON)

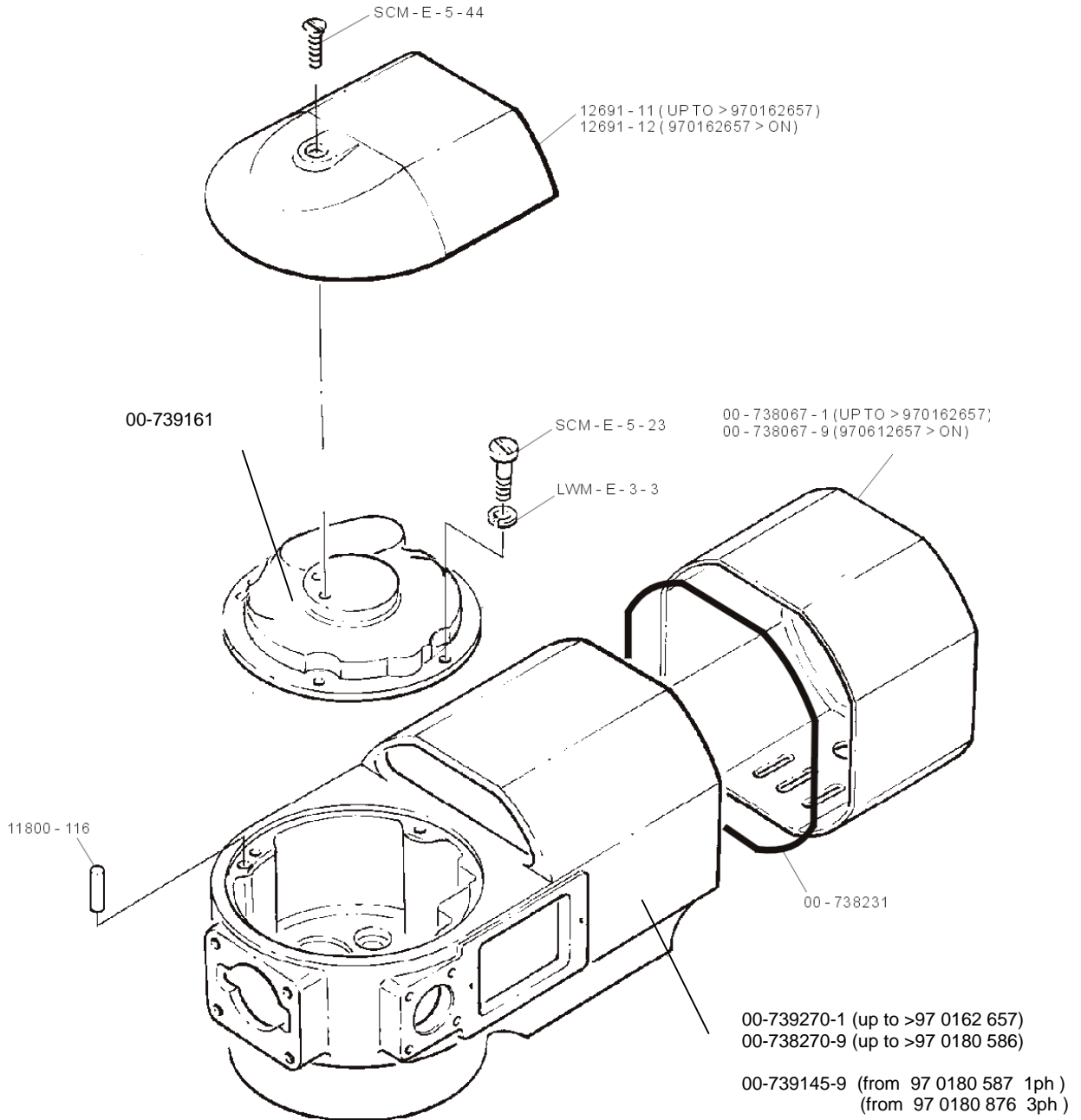
00 - 738124 - 1 (UP TO > 970162657)
 00 - 738124 - 9 (970162657 > ON)
BOWL SUPPORT (incl. items *)
SUPPORT de Bol (compr. réf *)
Kesselhalter (inkl. Teile *)



Transmission case
Boîte de Vitesses
Antriebsgehäuse

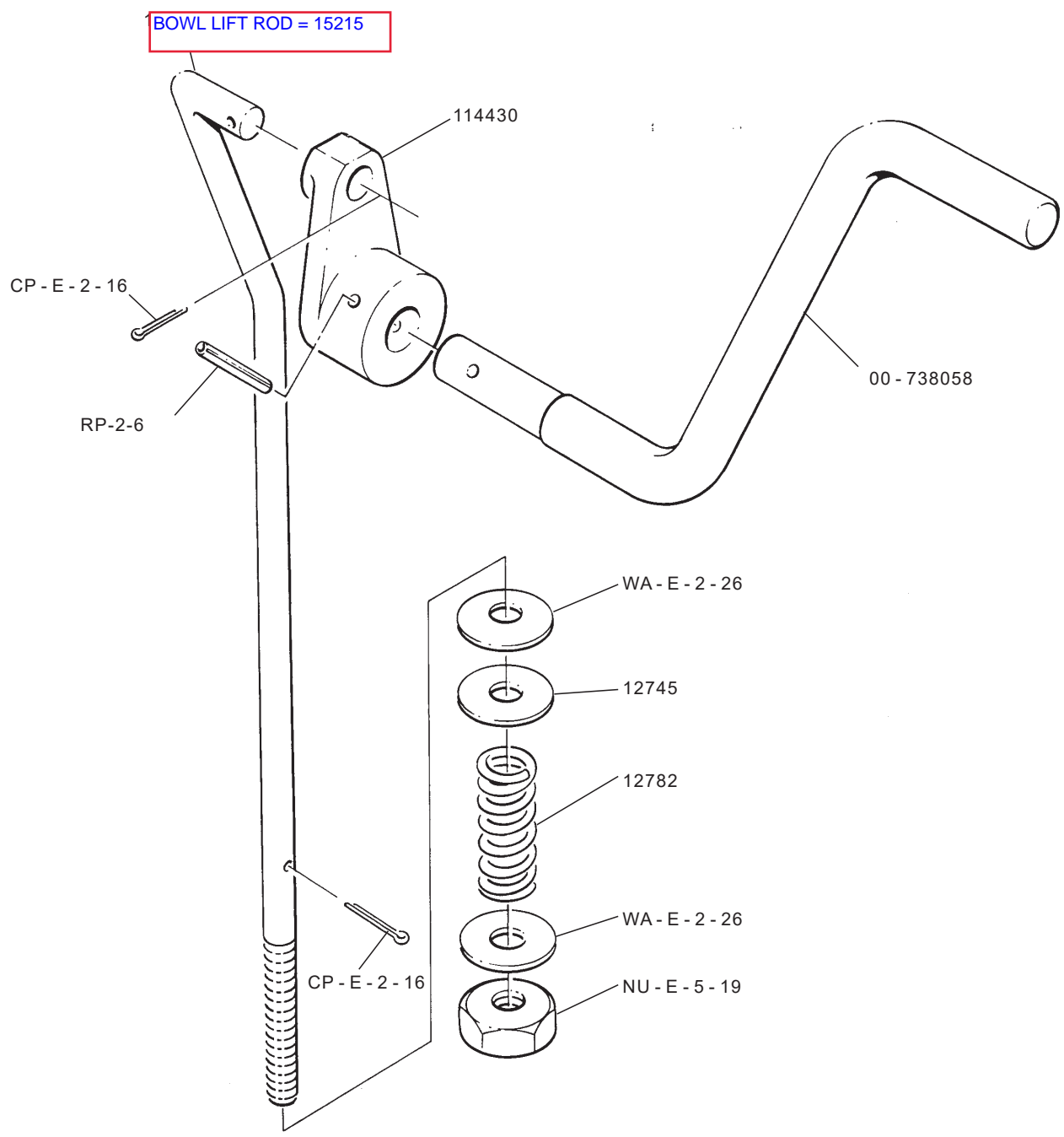
A200N

FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 2 FOR PRIOR MACHINES



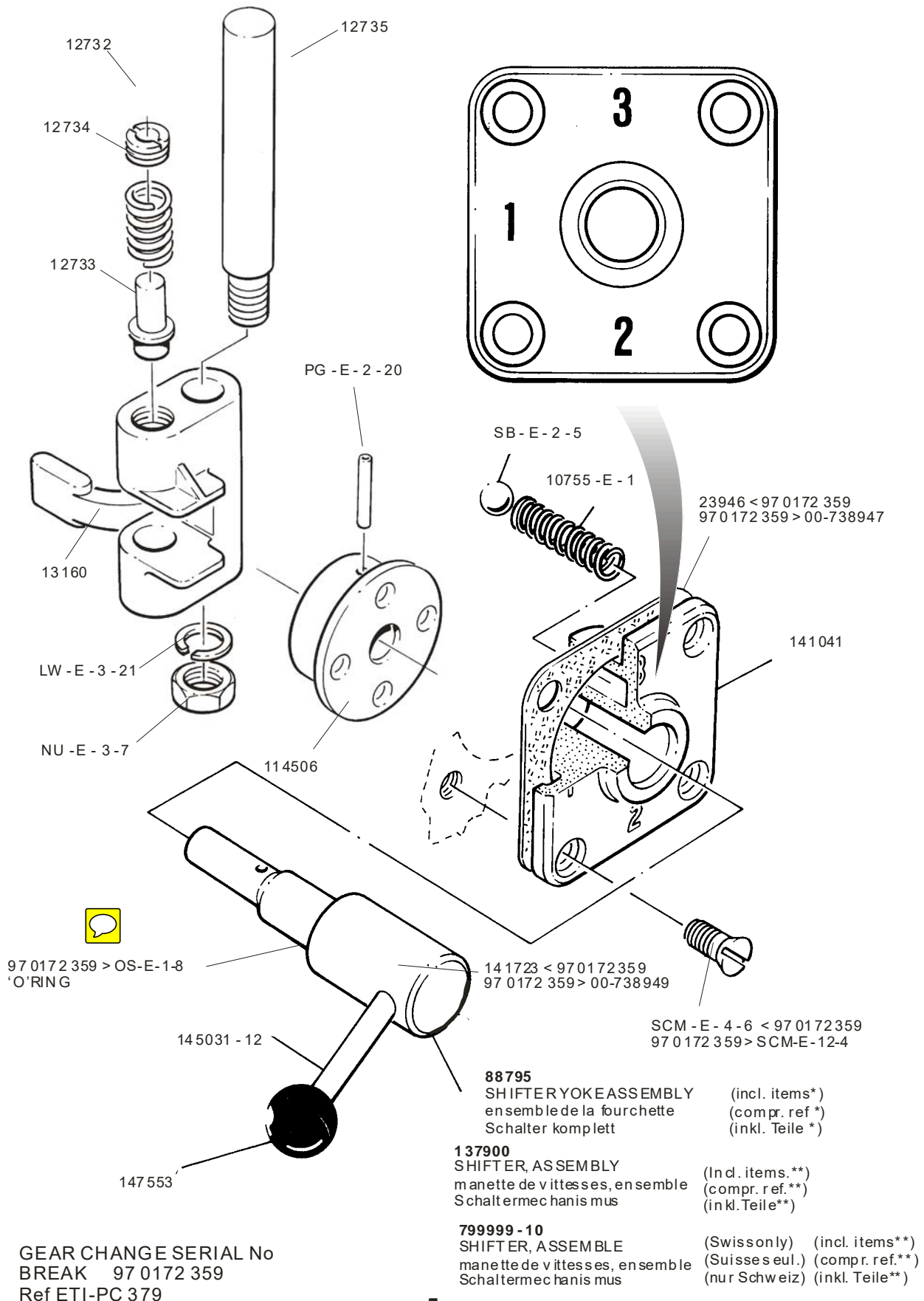


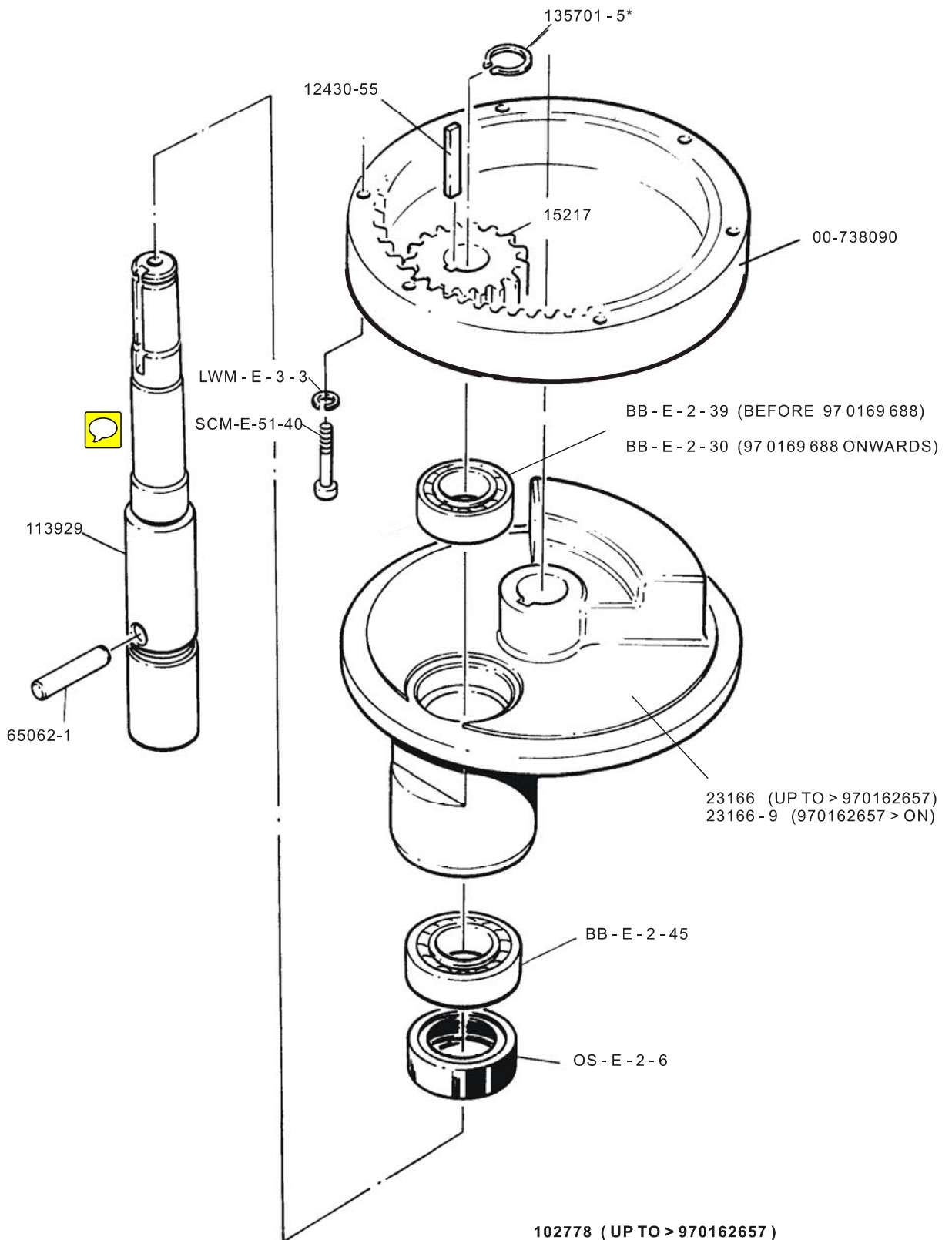
Bowl Lift Relevage de bowl Kesselheber



Shifter Unit
Changement de Vitesses
Geschwindigkeitswahlschalter

A200N



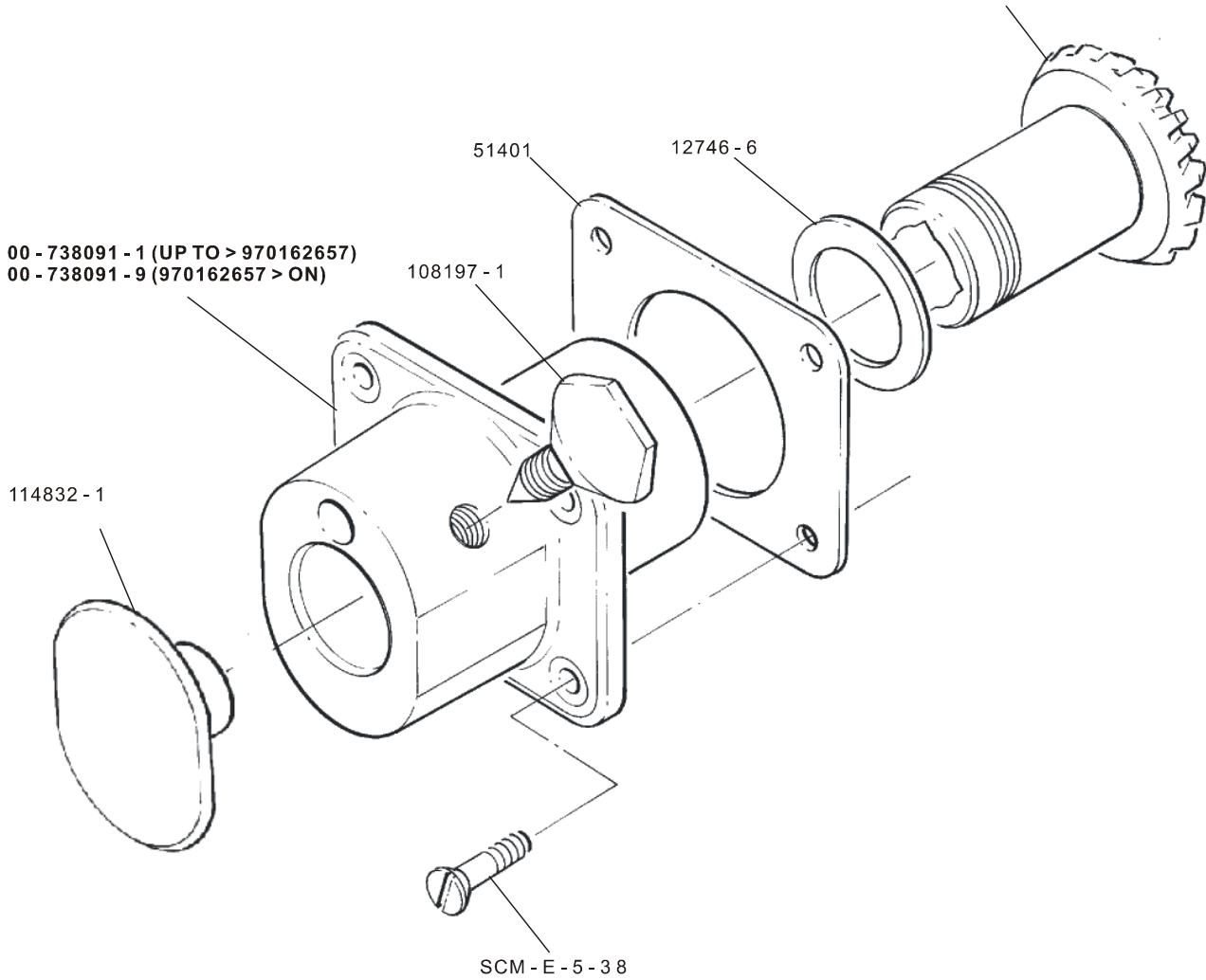


102778 (UP TO > 970162657)
102778-9 (970162657 > ON)
 PLANETARY, ASSEMBLY (incl. items *)
 planétaire, ensemble (compr. ref. *)
 Planetengetriebe, komplett (inkl. Teile *)

**Attachment Hub Unit
Canon Porte Accessoires
Ansatznabe**

A200N

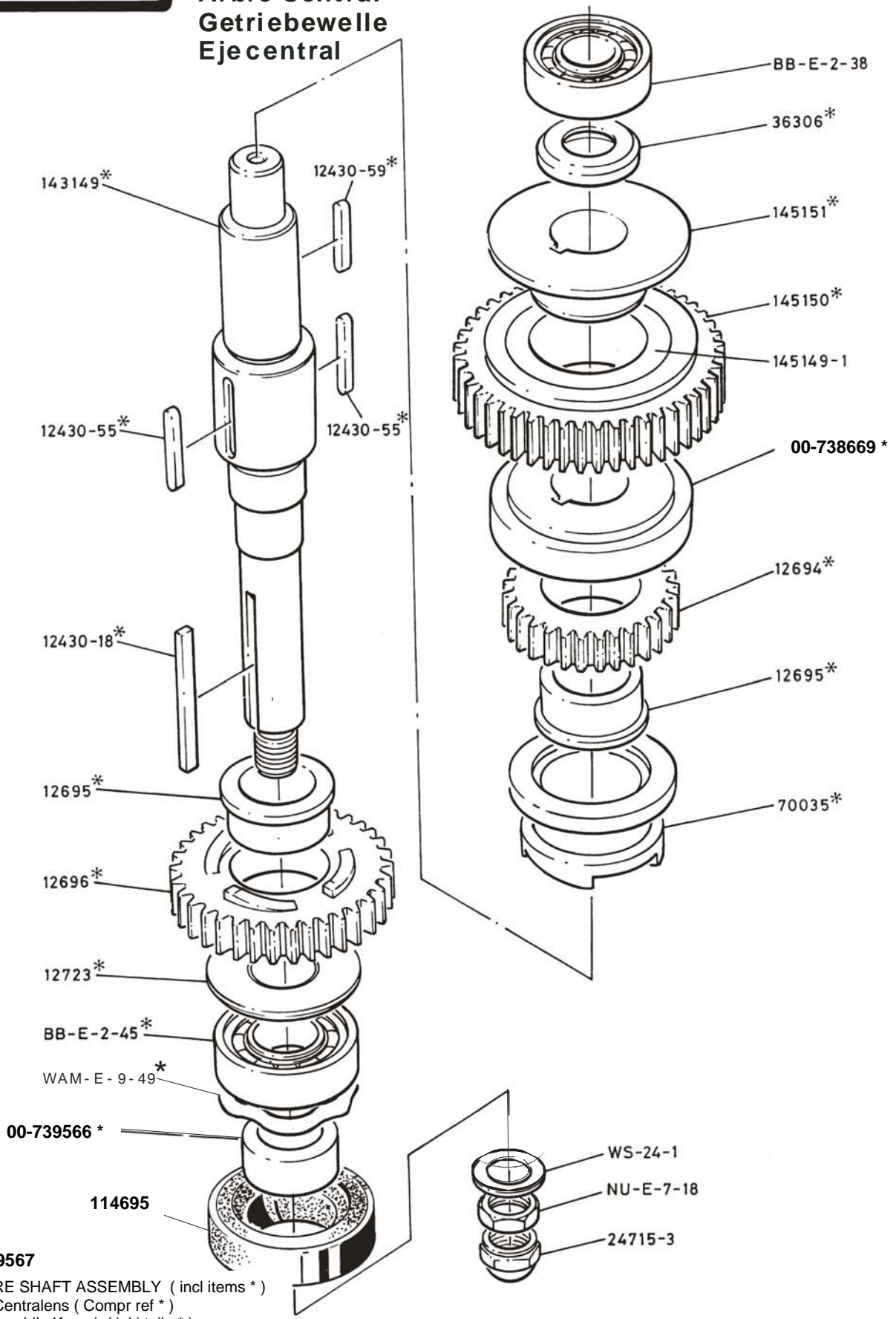
137286 & WP-E-2-3 > SER No 97 0167 055
00-738780 SER No 97 0167 056 <





**Centre Shaft
Arbre Central
Getriebewelle
Eje central**

FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 3 FOR PRIOR MACHINES



00-739567

CENTRE SHAFT ASSEMBLY (incl items *)
Arbre Centralens (Compr ref *)
Getriebewelle Kompl (inki teile *)

**Transmission Shaft
Arbre Intermédiaire
Antriebswelle**

A200N

Note NU-E-5-19 nut and
thread on shaft 00-738102
removed from machines
after 97 0167 675

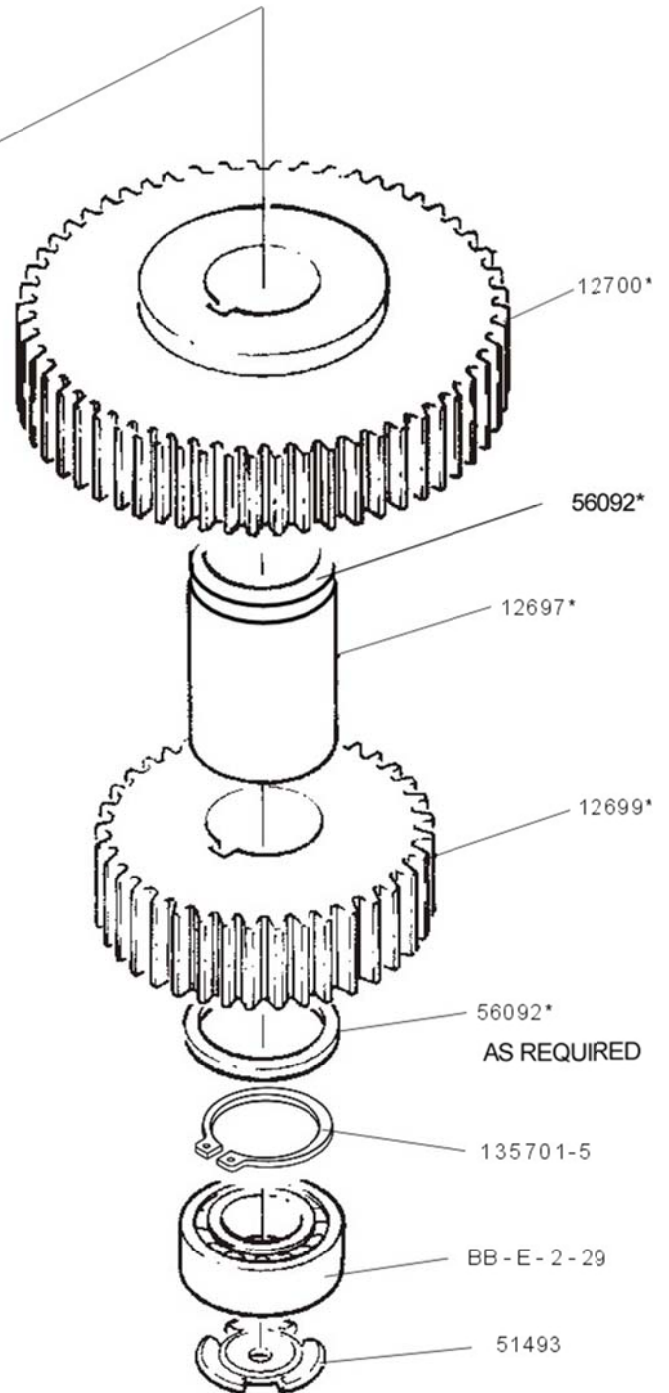
BB-E-2-29

12744
incorporated
into the shaft
00-738102

109070-18*

00-738102

109070-18*

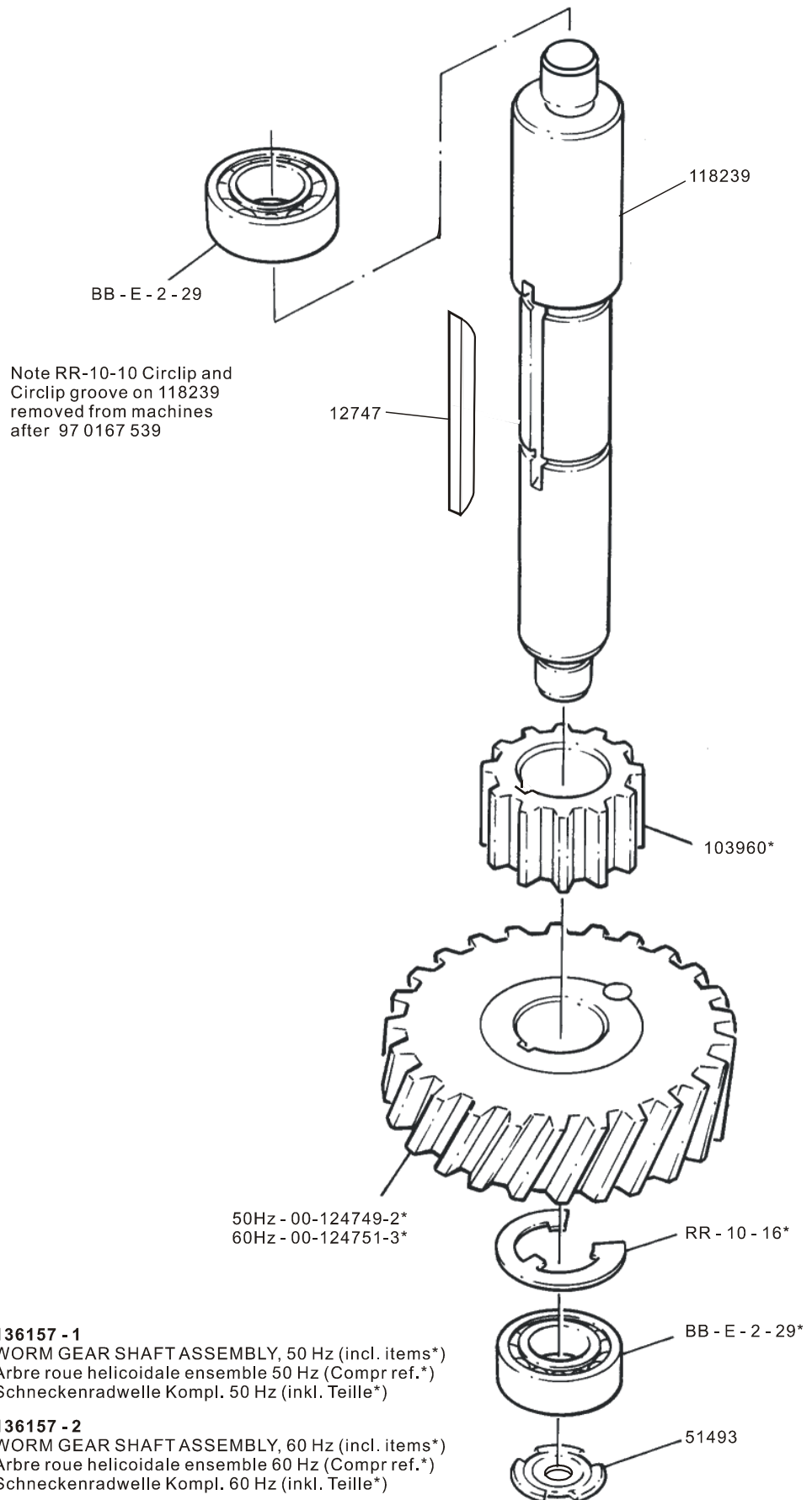


00-738115
TRANSMISSION SHAFT, ASSEMBLY (incl. item*)
arbre intermediaire, ensemble (compr. ref.*)
Antriebwelle, komplett (inkl. Teile*)



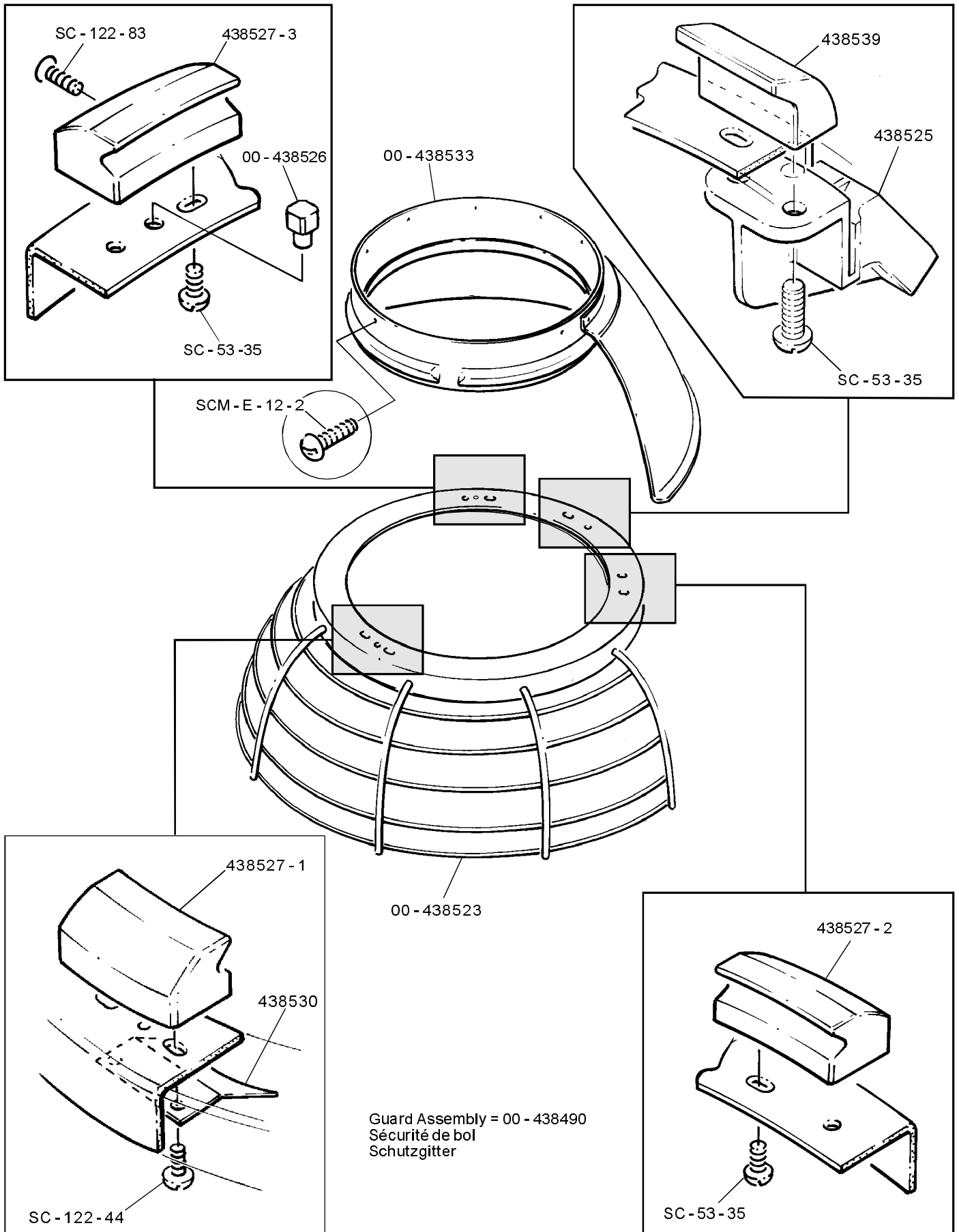
**Worm Gear shaft
Arbre roue hélicoïdale
Schneckenradwelle**

A200N



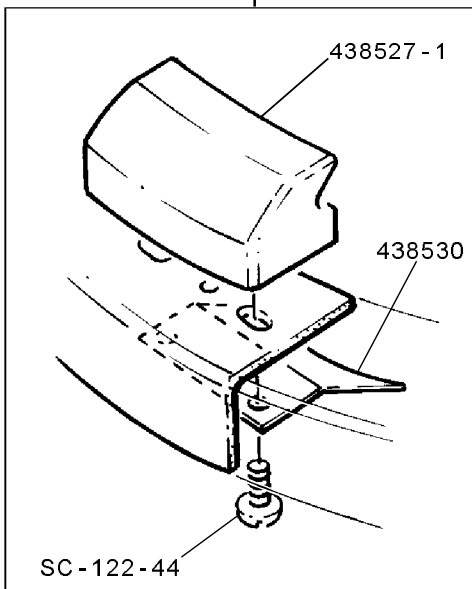
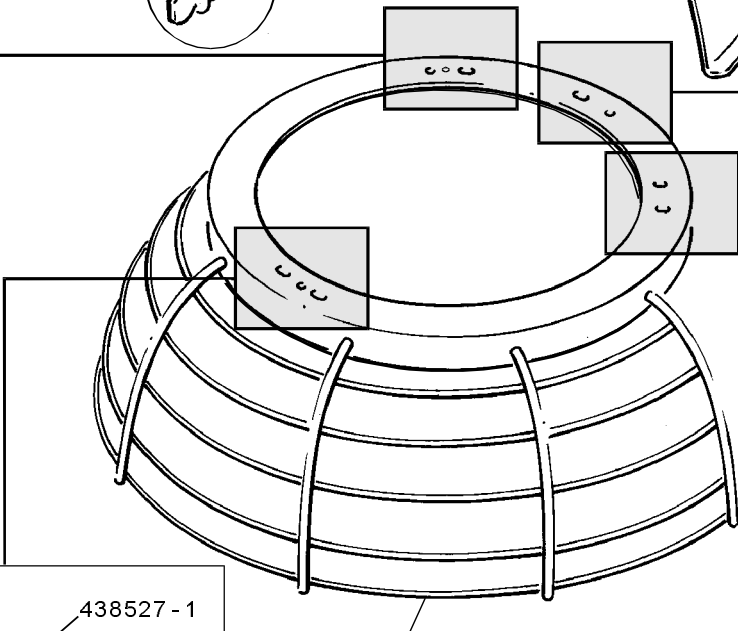
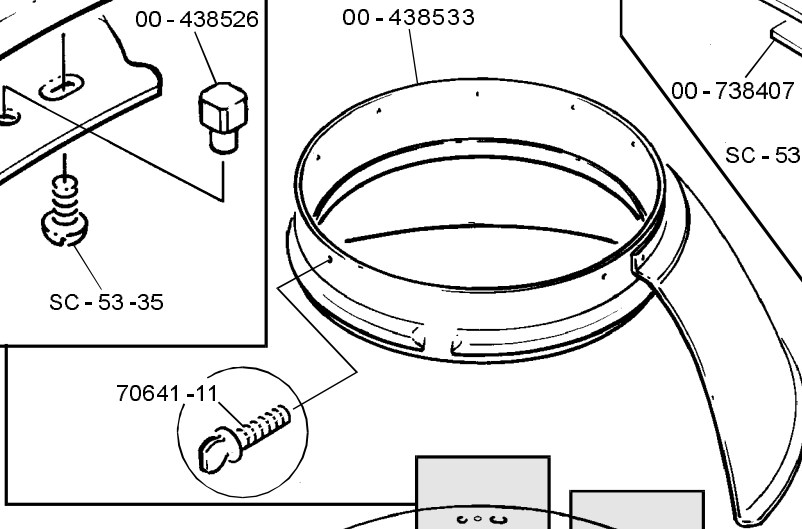
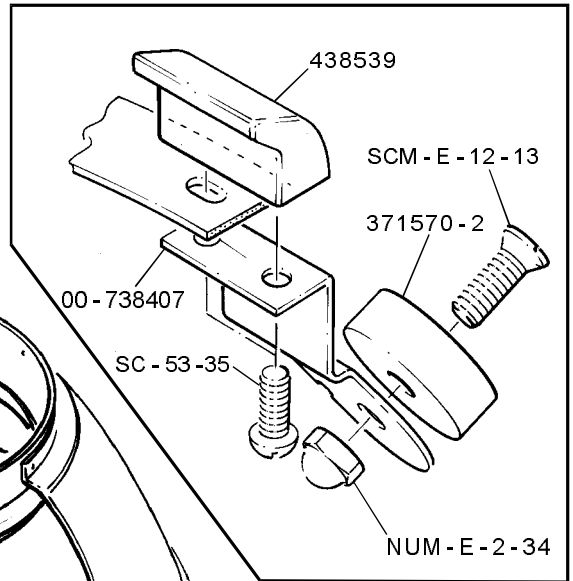
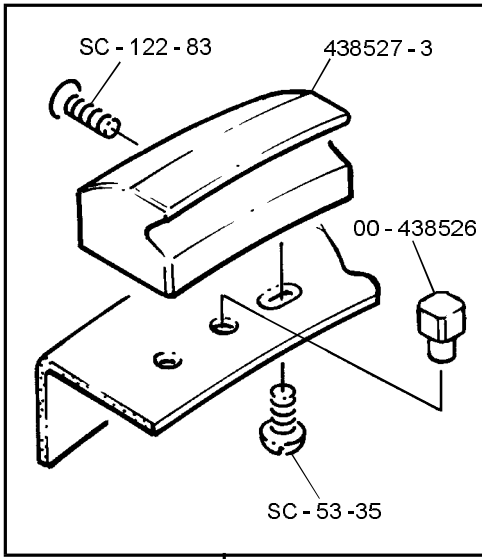
Guard Assembly
Sécurité de bol
Schutzgitter

A200N

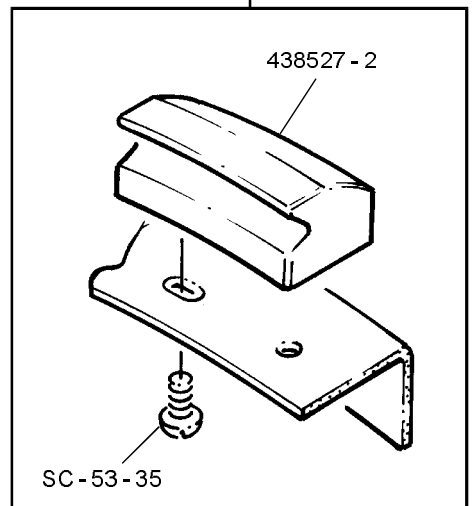




Guard Assembly (GERMAN)
Sécurité de bol
Schutzgitter



Guard Assembly = 00-738451
Sécurité de bol
Schutzgitter

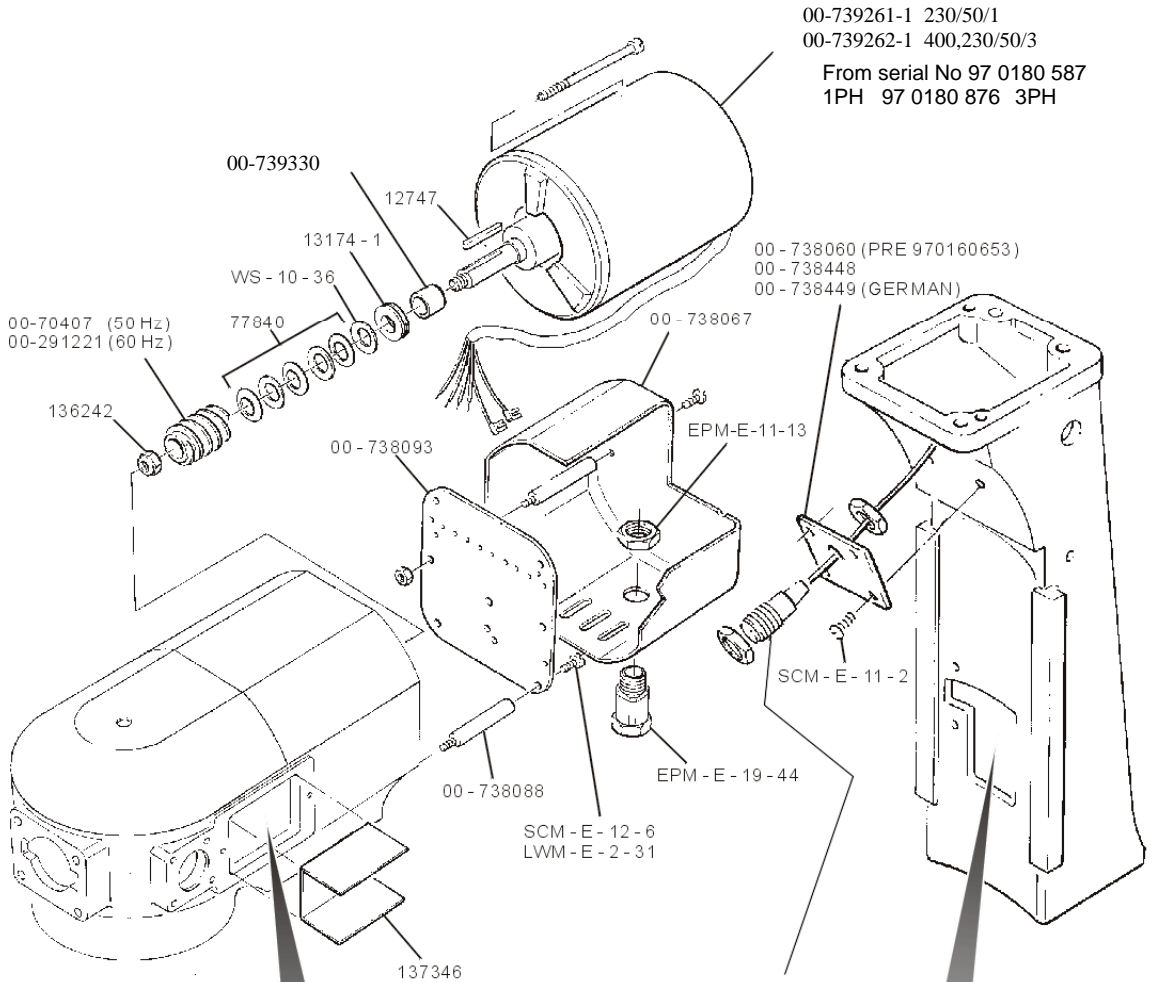




**Electrical parts
Pièces Electriques
Elektoteile**

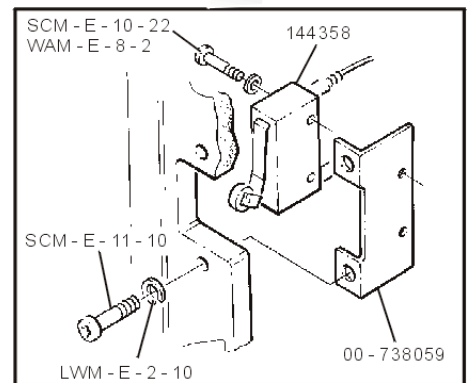
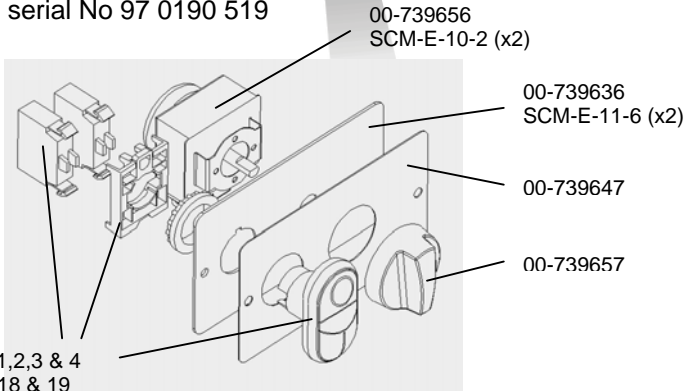
A200N

See appendix page 1 and 4



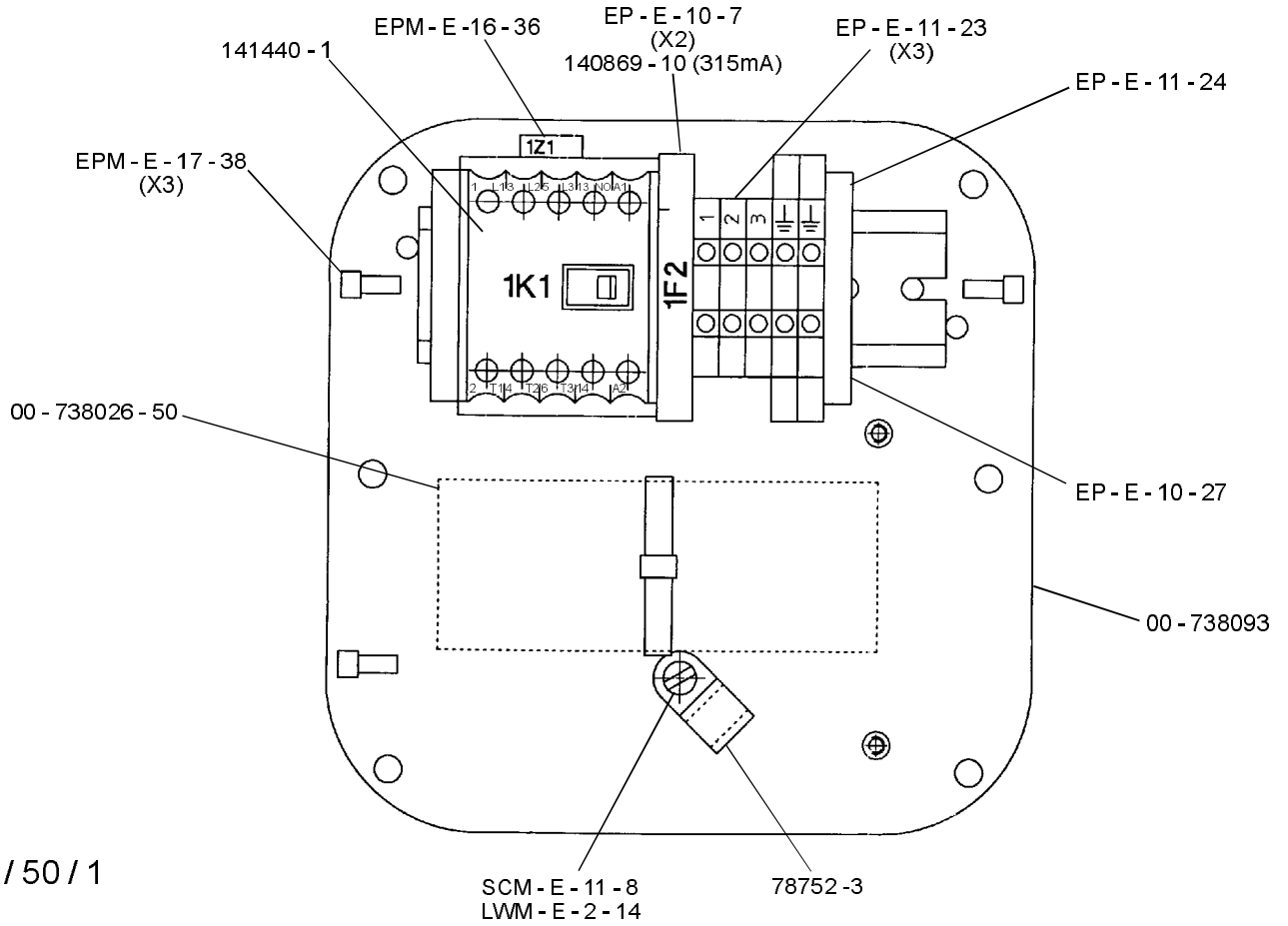
See page 17,18 & 19

Switch plate and timer
from serial No 97 0190 519

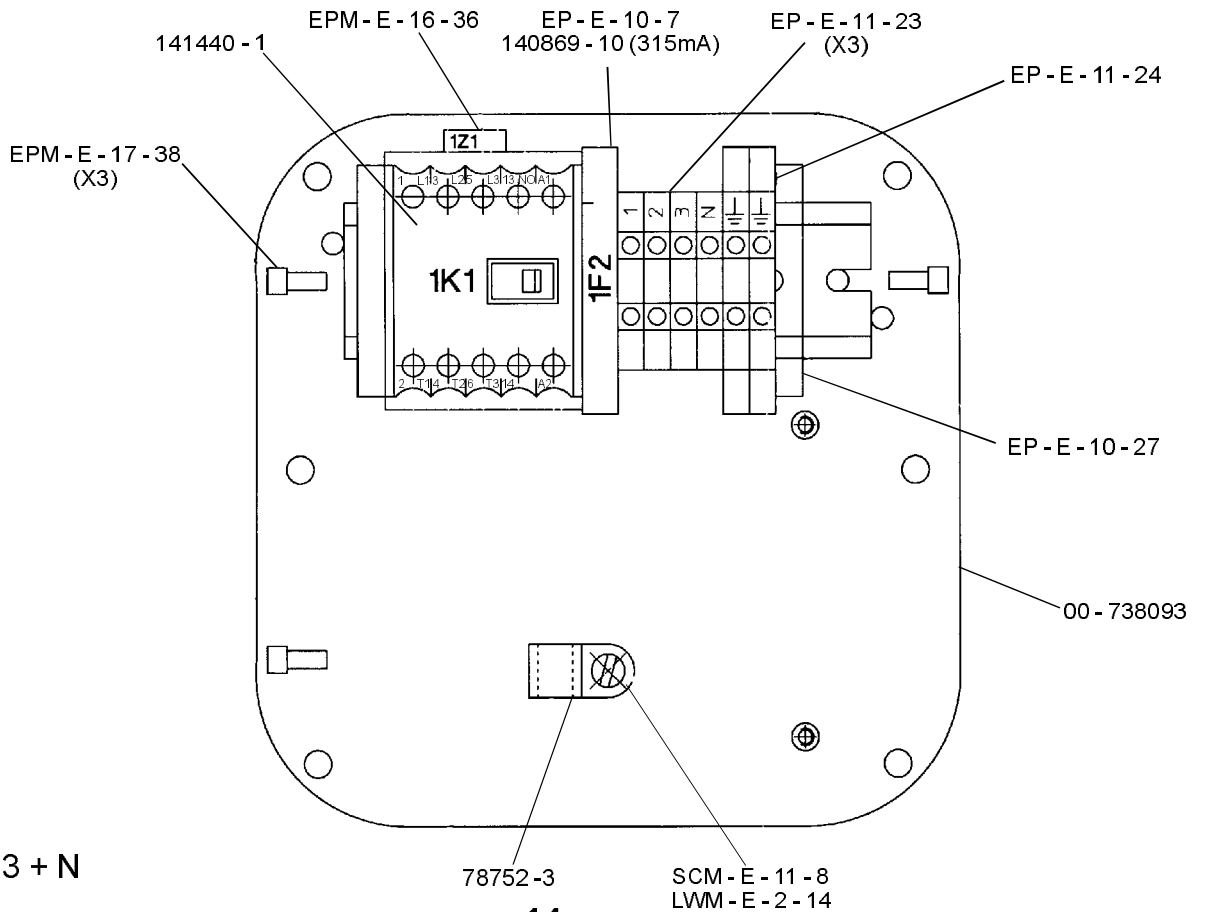




Electrical Parts (230v/50/1 & 400/50/3+N) Auxiliares eléctricas Electroteile



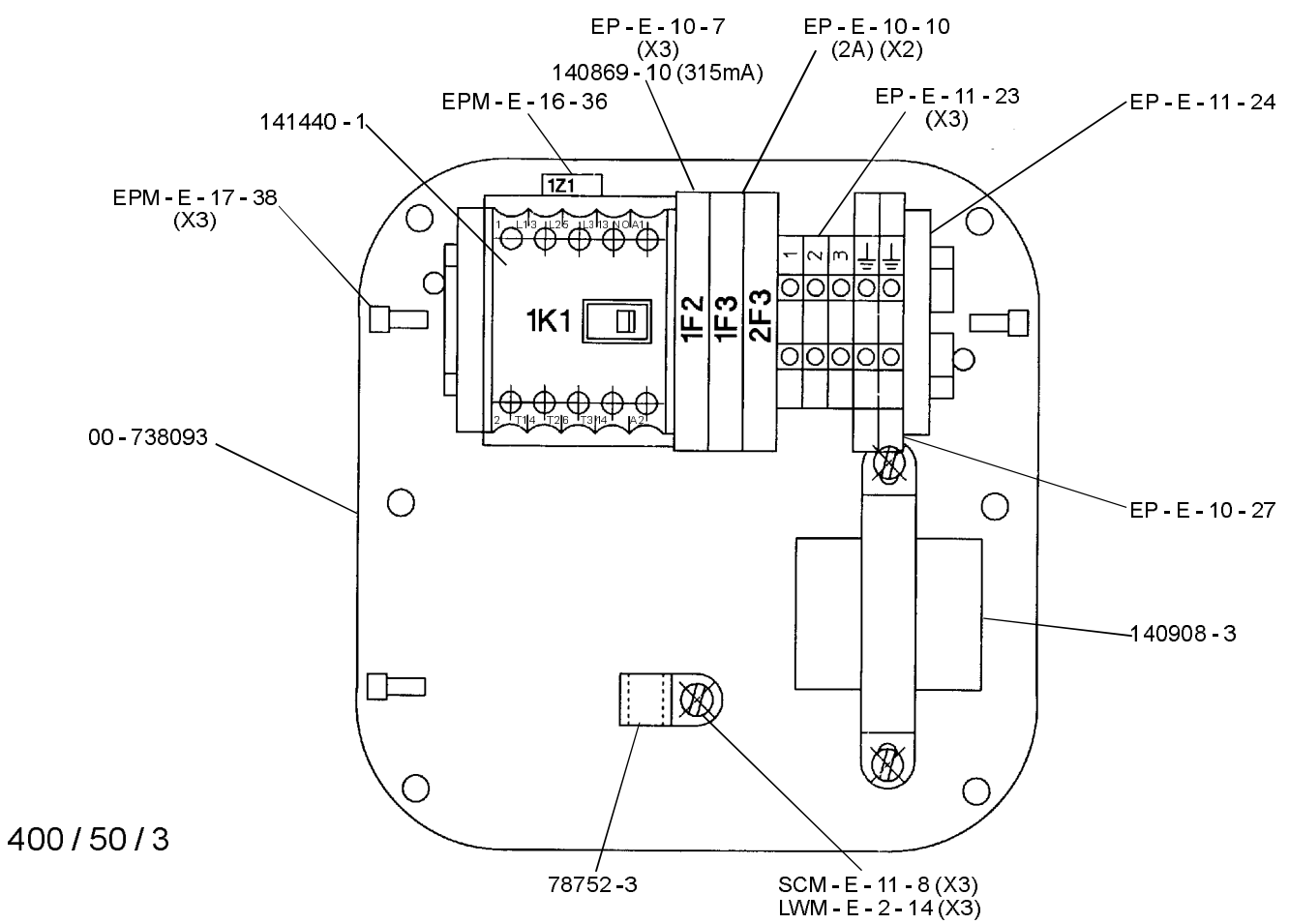
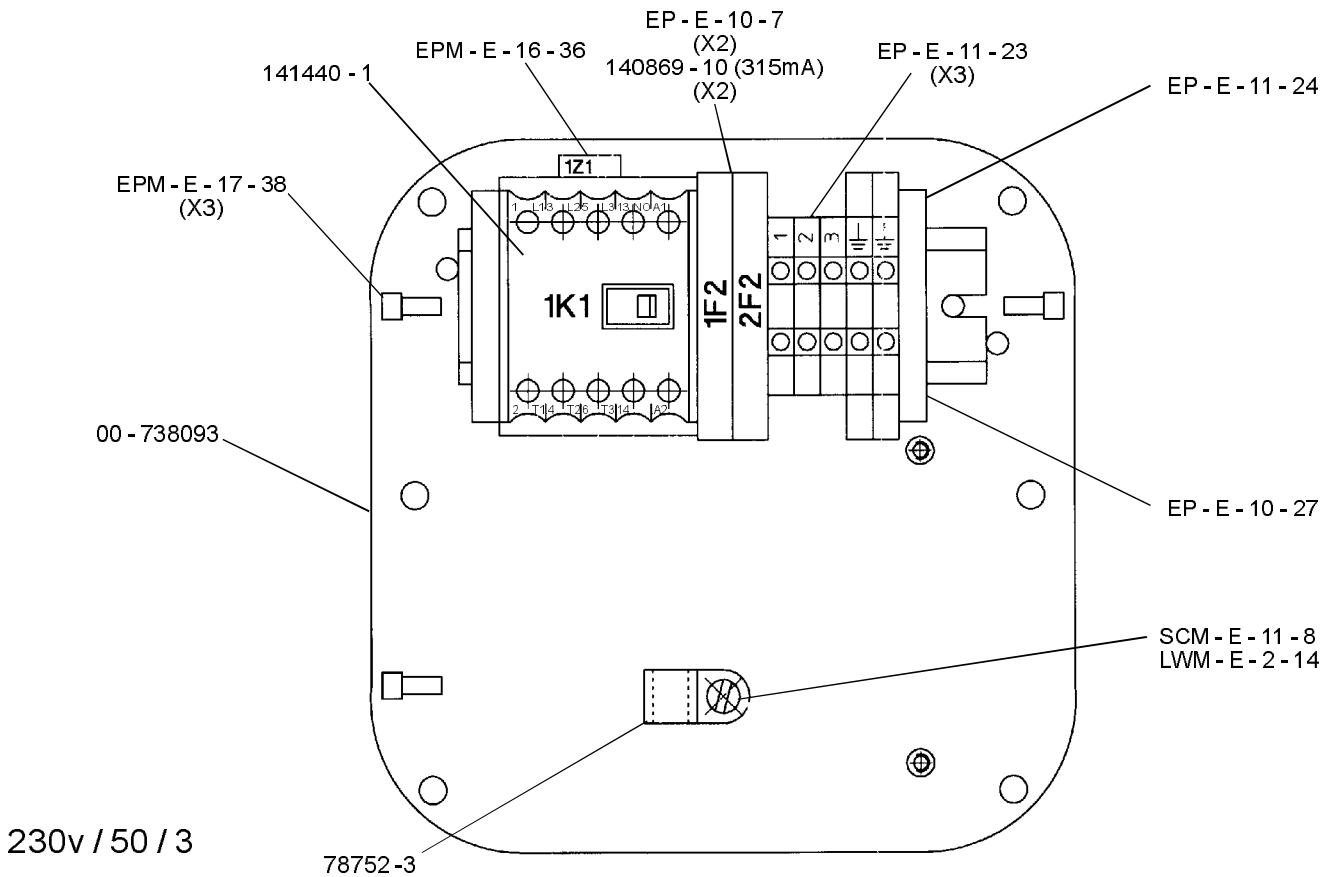
230v / 50 / 1



400 / 50 / 3 + N

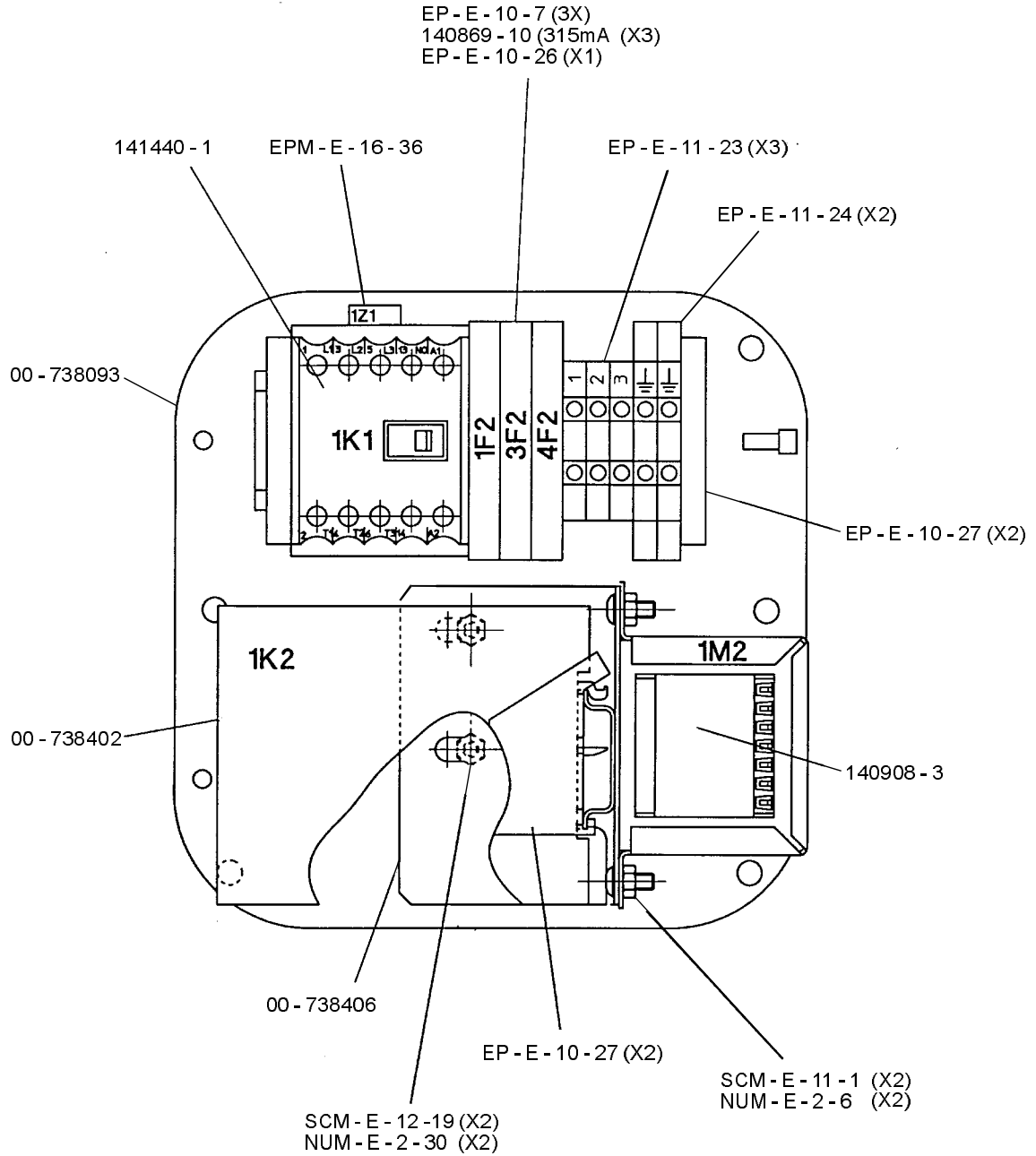
Electrical Parts (230v/50/3 & 400/50/3)
Auxiliares eléctricas
Electroteile

A200N



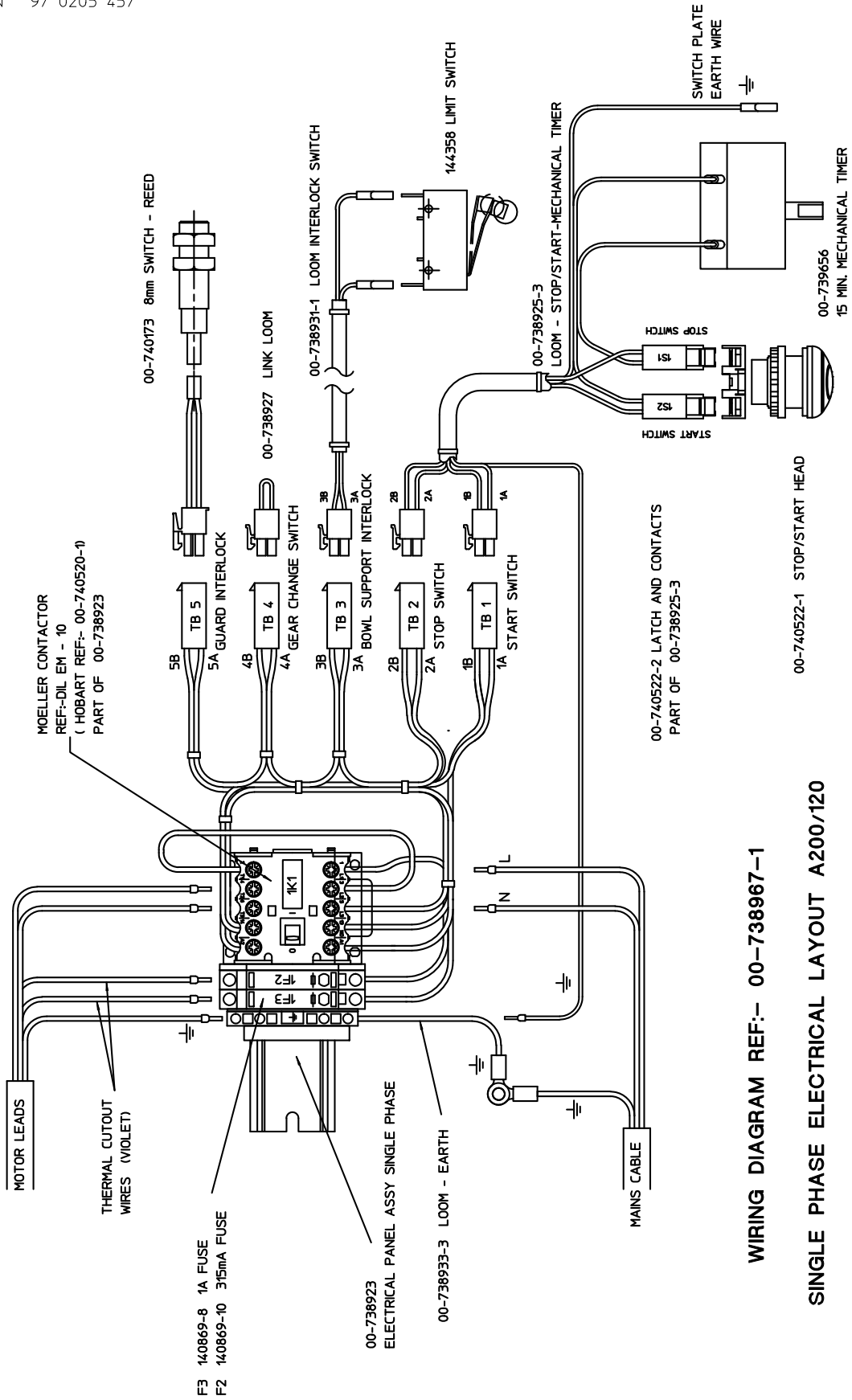


Electrical Parts (400/50/3 GERMAN)
Auxiliares eléctricas
Electroteile



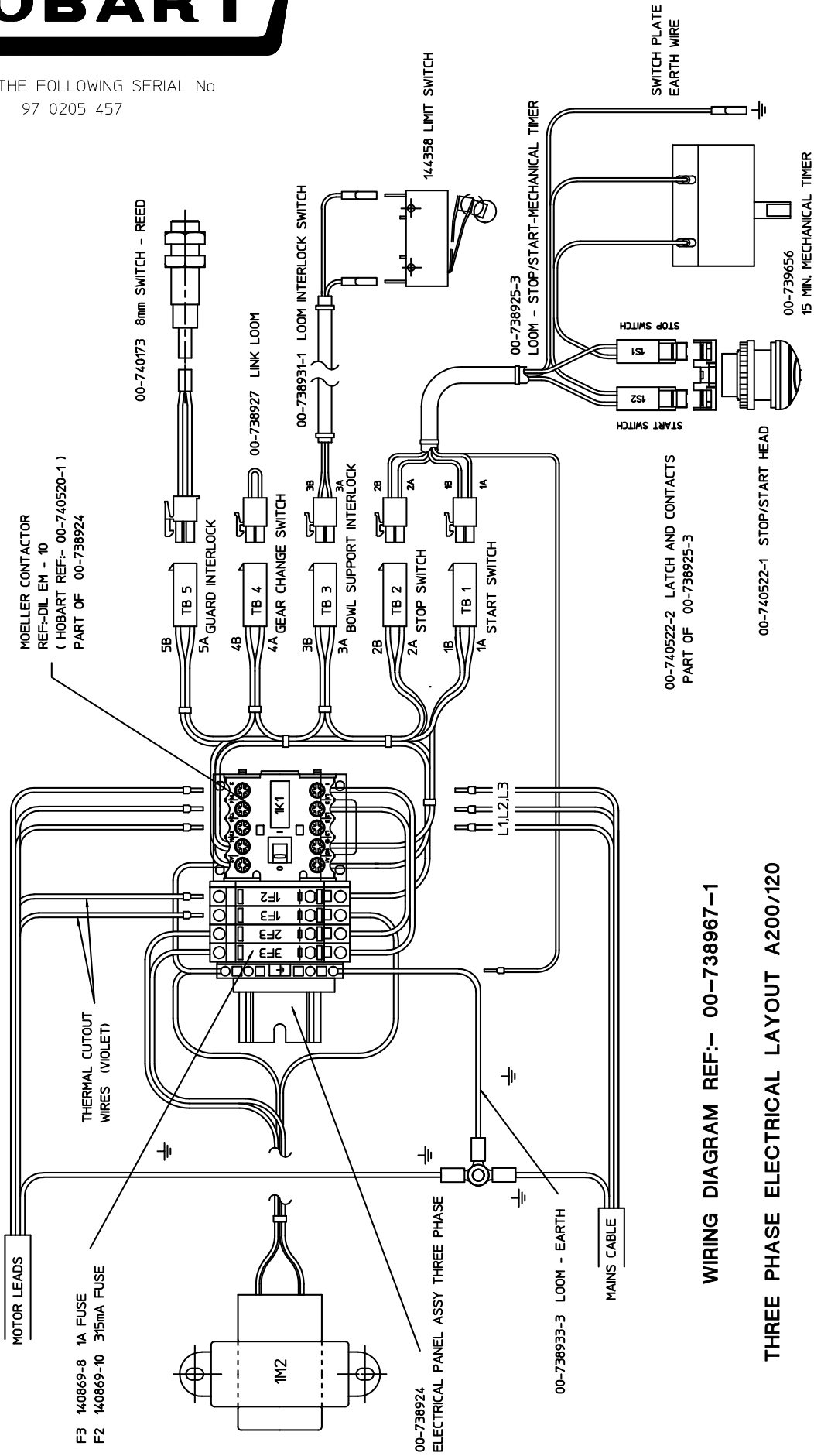
400/50/3 (GERMAN)

FROM THE FOLLOWING SERIAL No
A120/200N 97 0205 457



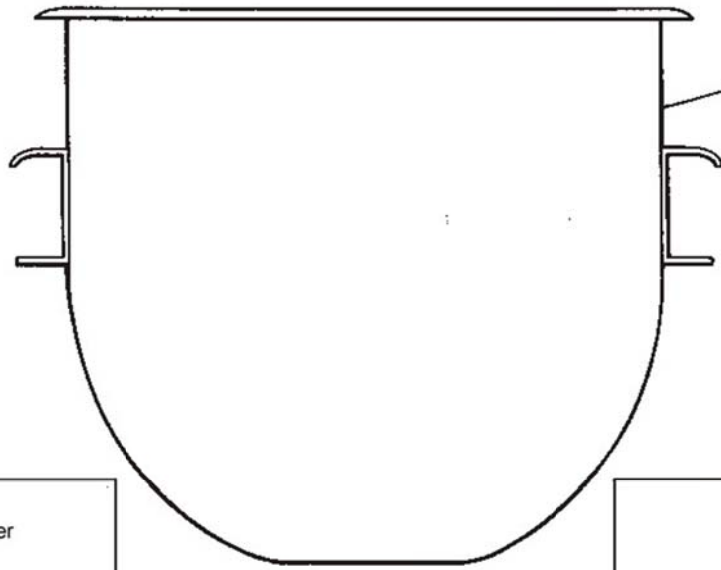
HOBART

FROM THE FOLLOWING SERIAL No
A200N 97 0205 457



WIRING DIAGRAM REF:- 00-738967-1

THREE PHASE ELECTRICAL LAYOUT A200/120

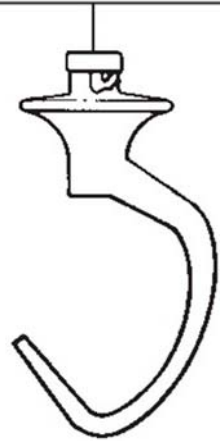
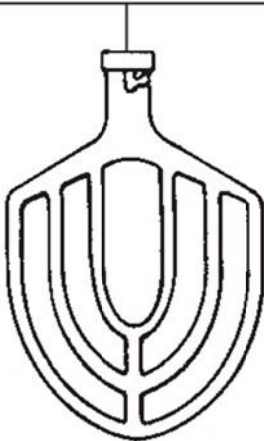


62104 20qt
00-738450 10qt

23126 20Lt "B" Beater
136915 10Lt "B" Beater
275559 20Lt "B" Beater ST.ST
136915-1 10Lt "B" Beater ST.ST

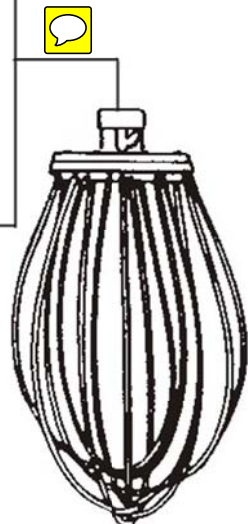
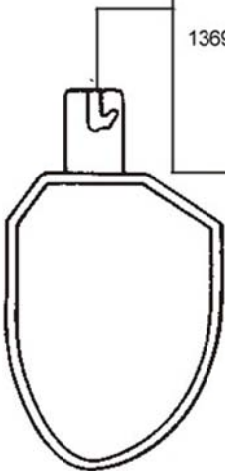
40293 20Lt "ED" Hook

136912 10Lt "E" Hook



74286 20Lt "PK" Pastry knife
136914-2 10Lt "PK" Pastry knife ST.ST

23511-M 20D Whip
140249 10D Whip

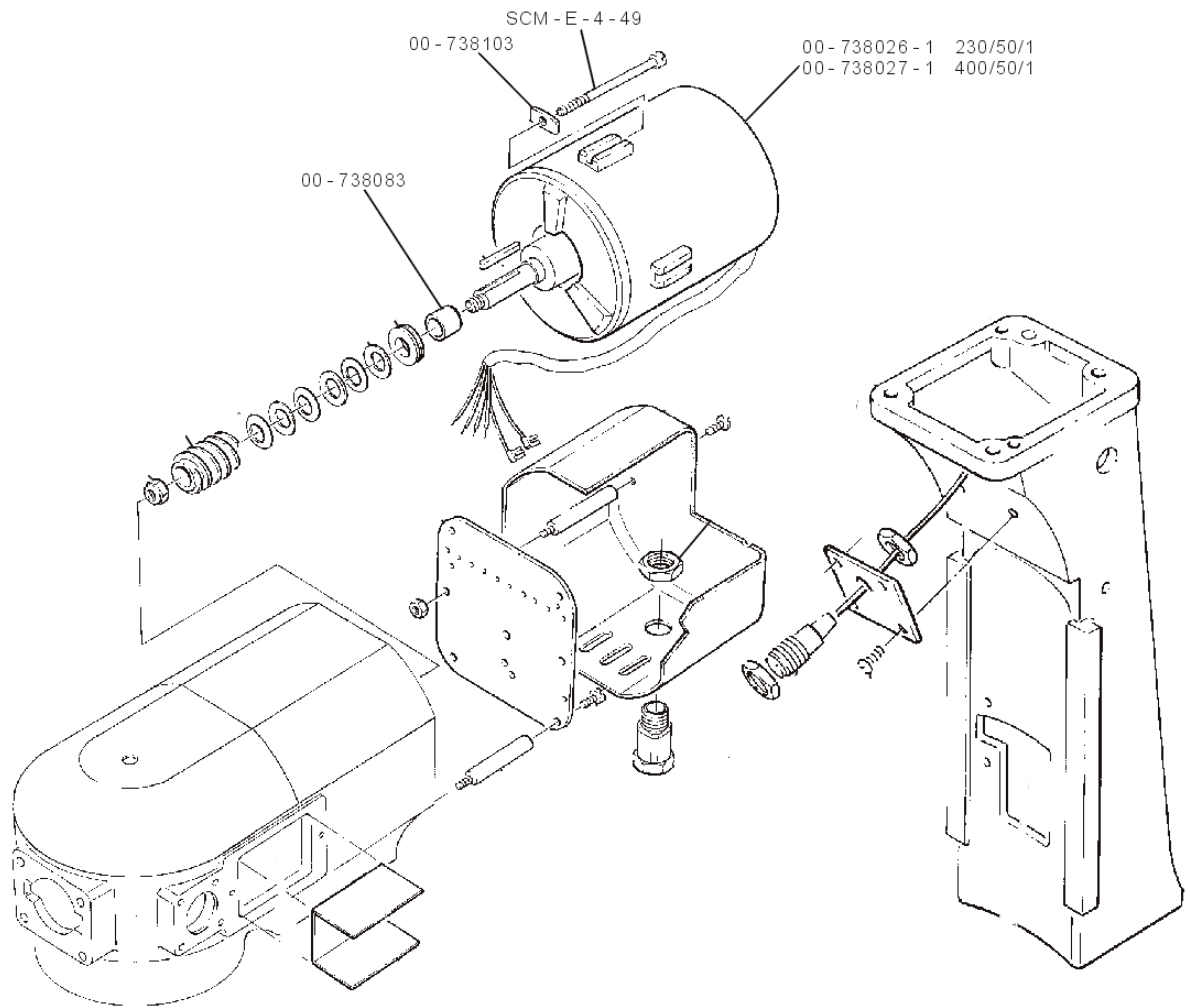




Electrical parts
Pièces Electriques
Elektoteile

A200N

Before serial No 97 0180 587 1PH 97 0180 876 3PH

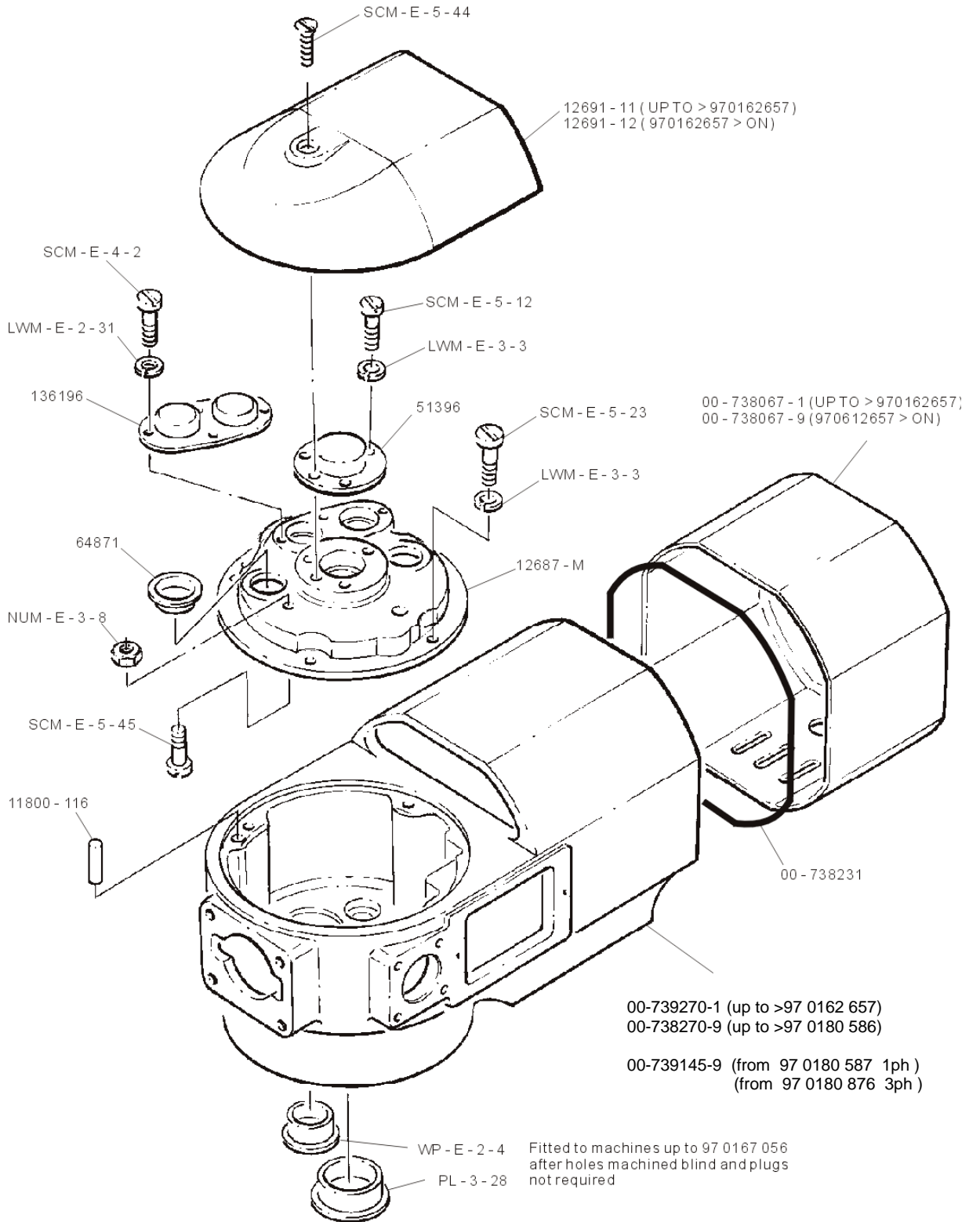


Appendix 1



Transmission case
Boîte de Vitesses
Antriebsgehäuse

A200N

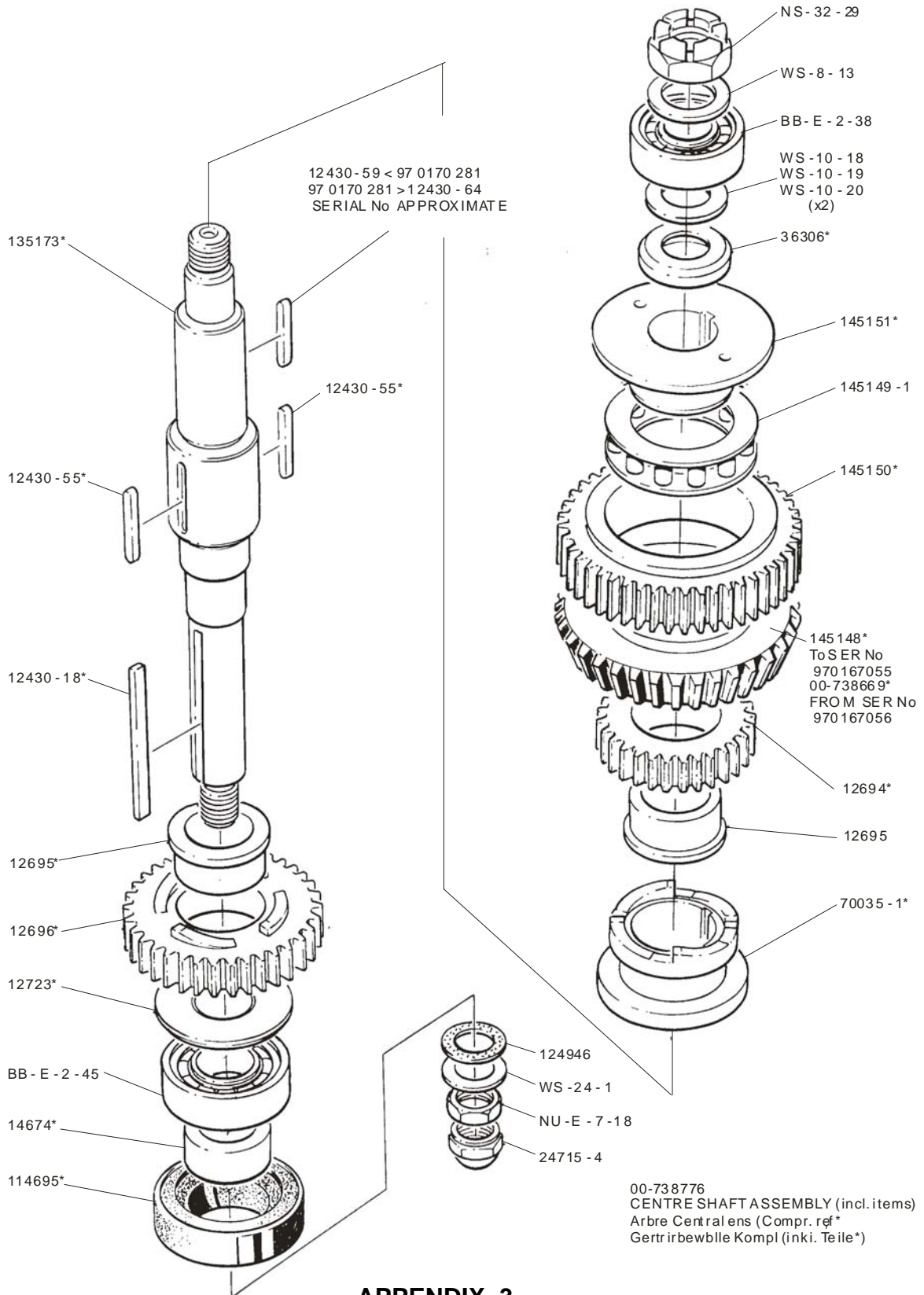


APPENDIX 2

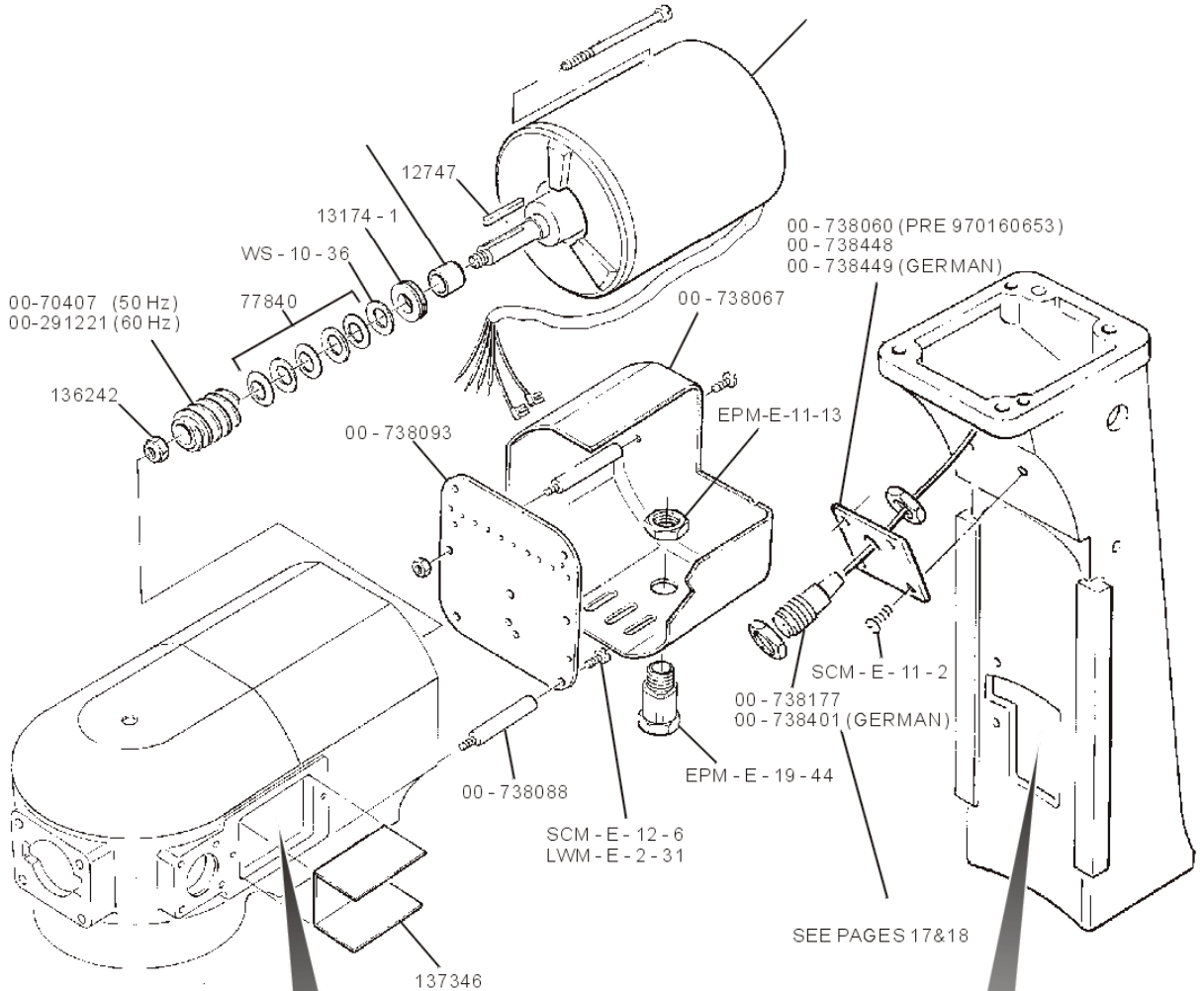


Transmission case
Boîte de Vitesses
Antriebsgehäuse

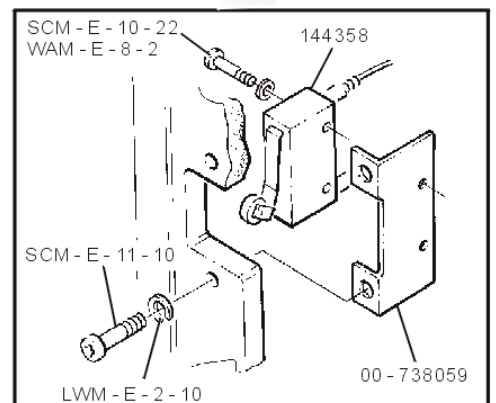
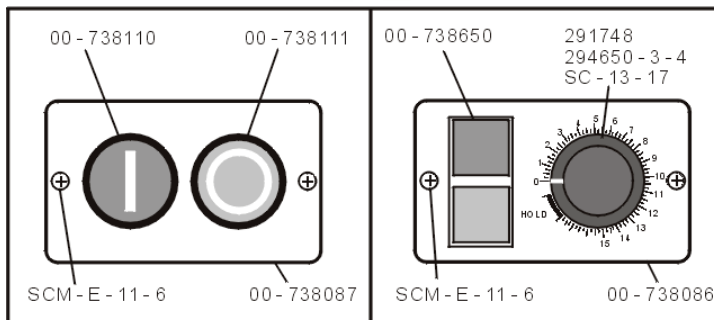
A200N



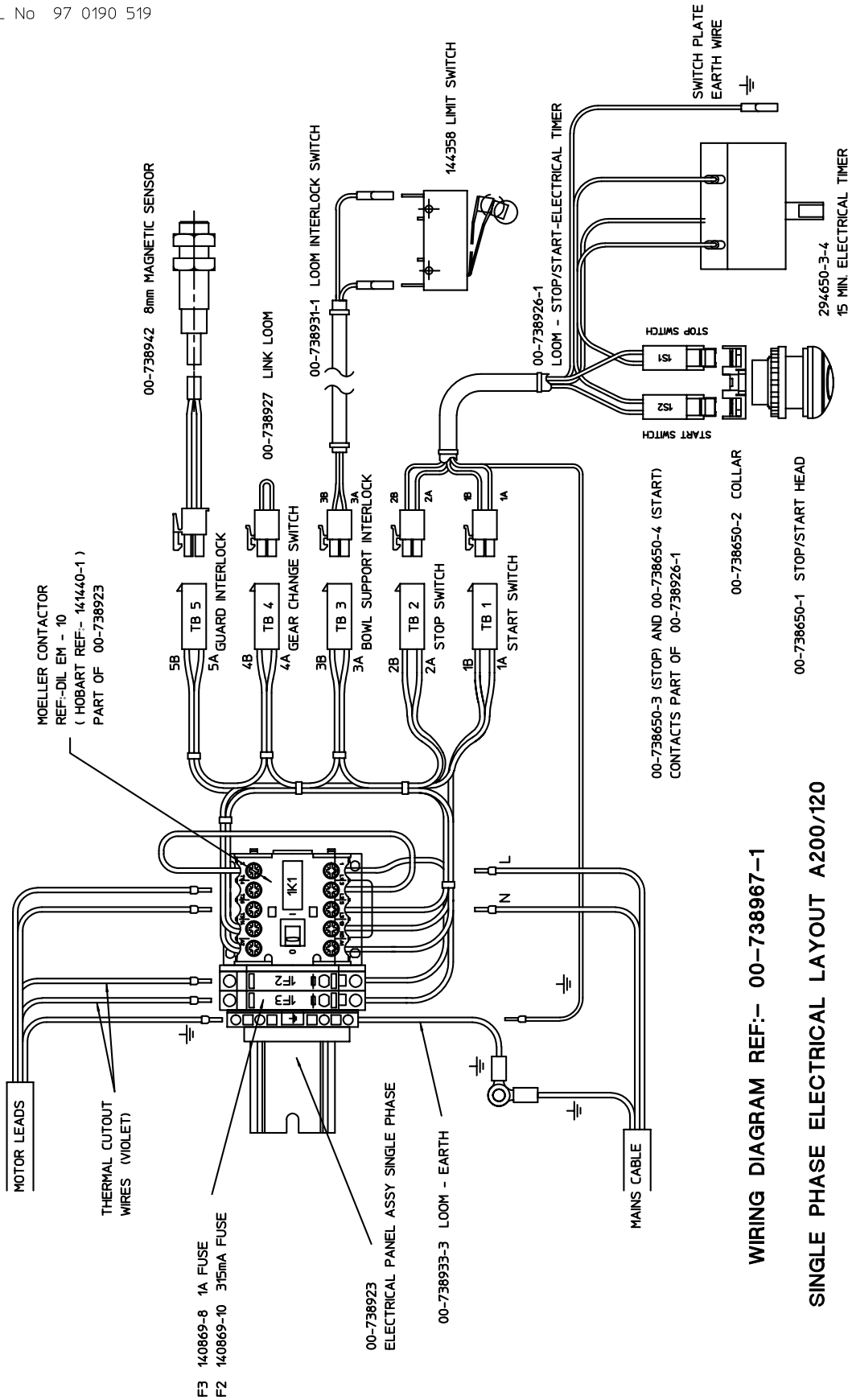
APPENDIX 3



Switch plates
before serial No 97 0190 519



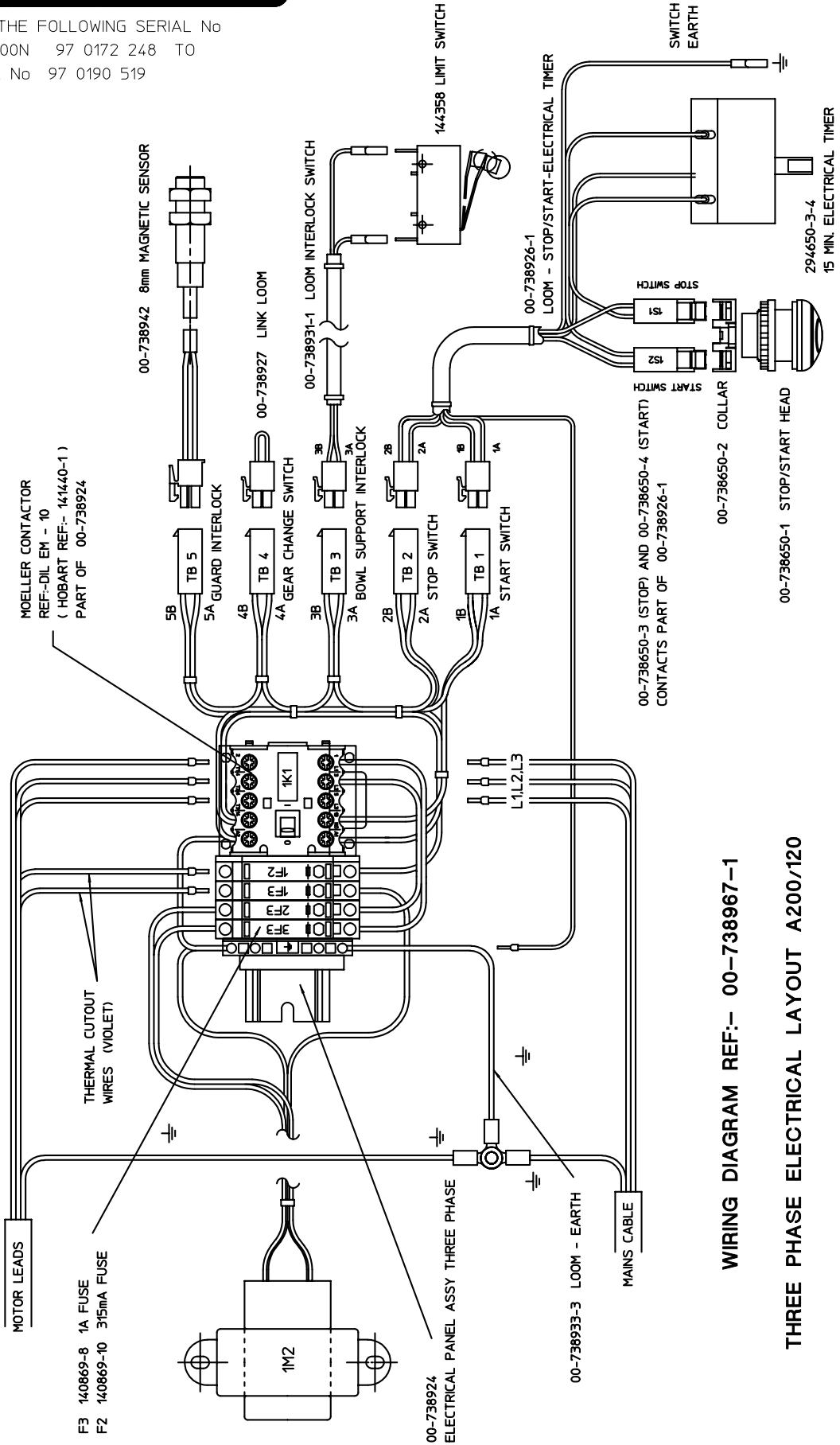
FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 672
 TO SERIAL No 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

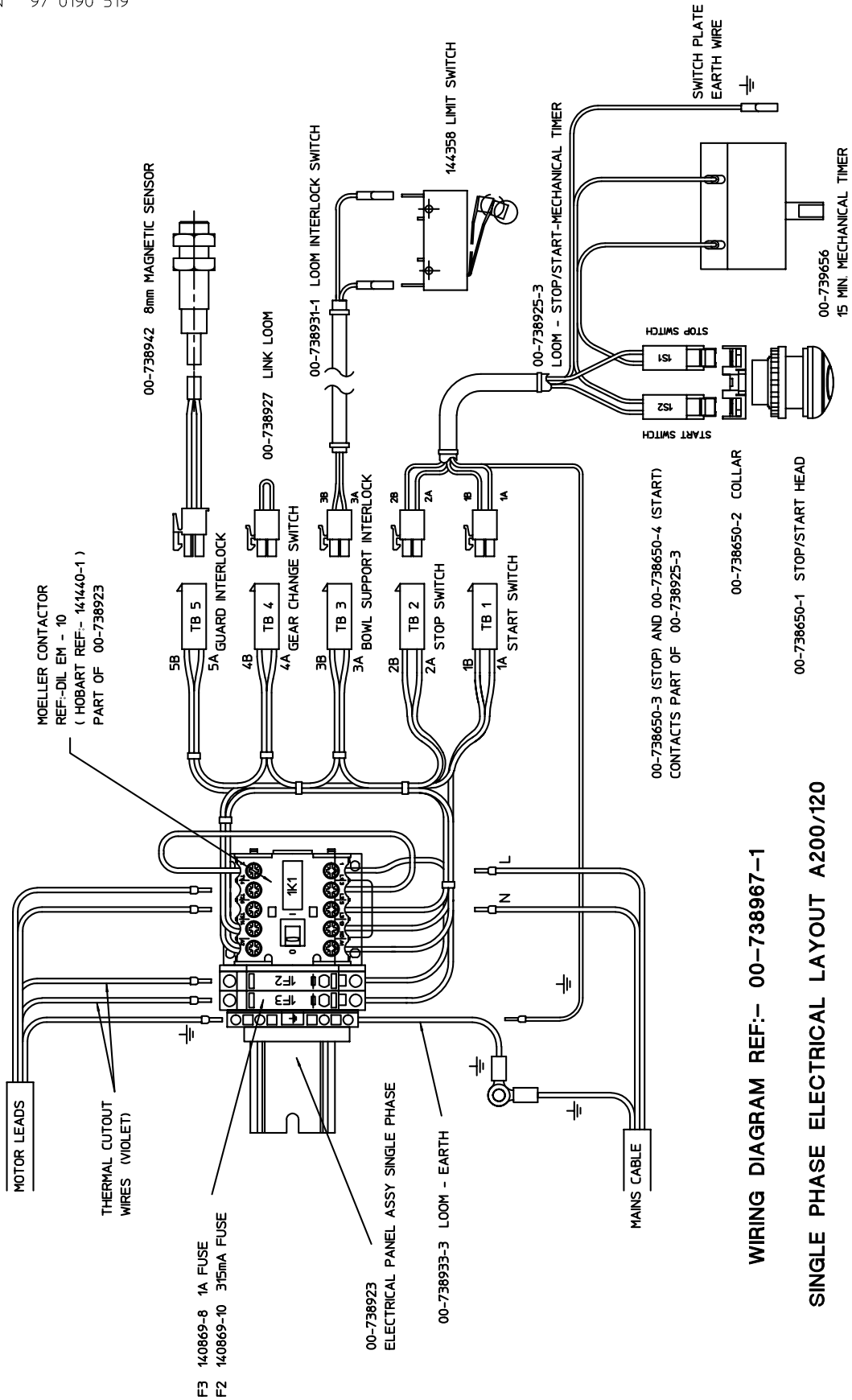
FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 248 TO
 SERIAL No 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

THREE PHASE ELECTRICAL LAYOUT A200/120

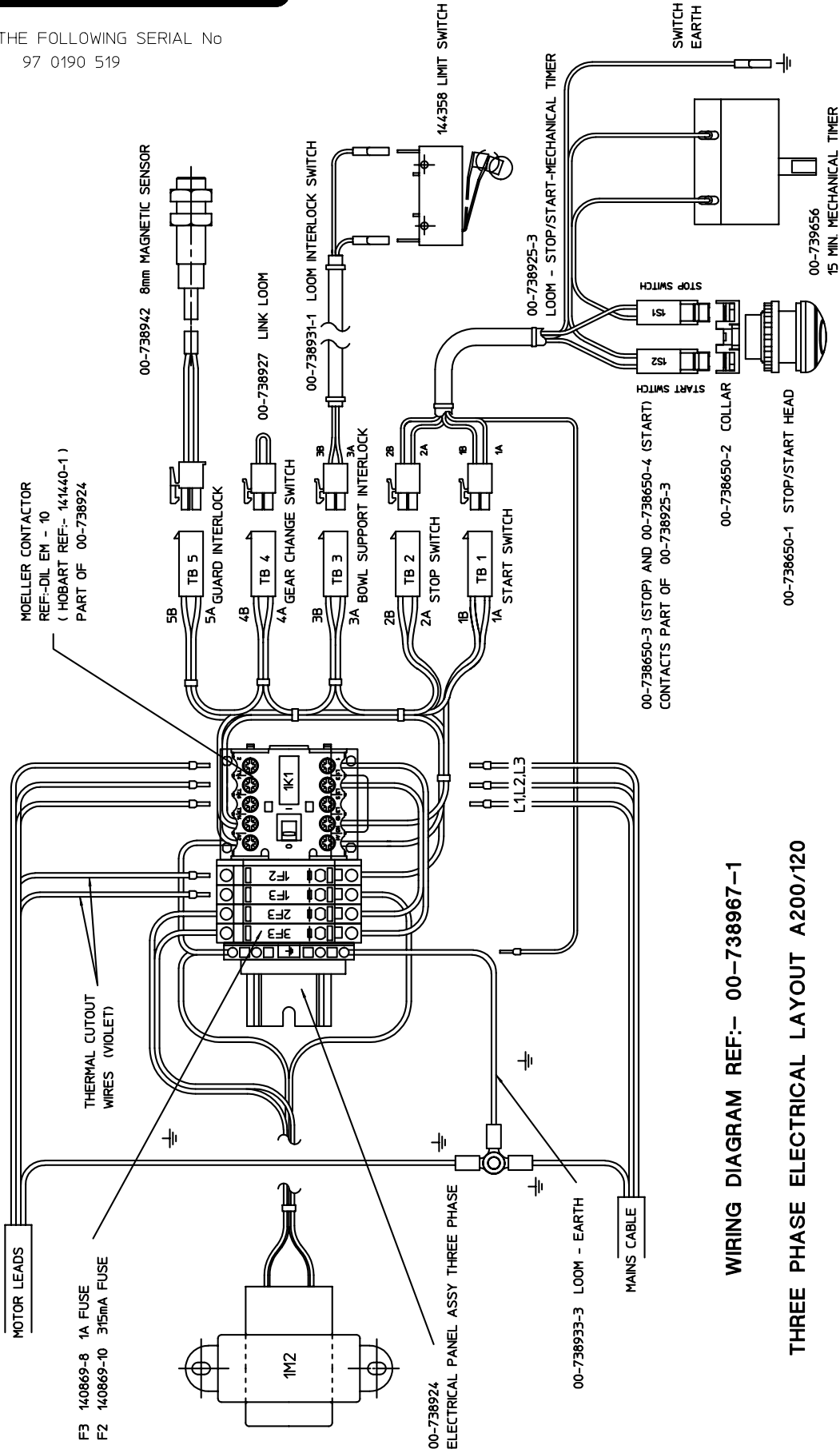
FROM THE FOLLOWING SERIAL No
A120/200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

FROM THE FOLLOWING SERIAL No
A200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

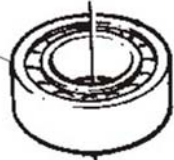
THREE PHASE ELECTRICAL LAYOUT A200/120

**Transmission Shaft
Arbre Intermédiaire
Antriebswelle**

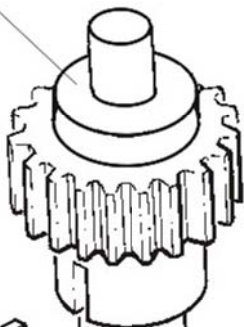
A200N

Note NU-E-5-19 nut and
thread on shaft 00-738102
removed from machines
after 97 0167 675

BB-E-2-29



12744
incorporated
into the shaft
00-738102



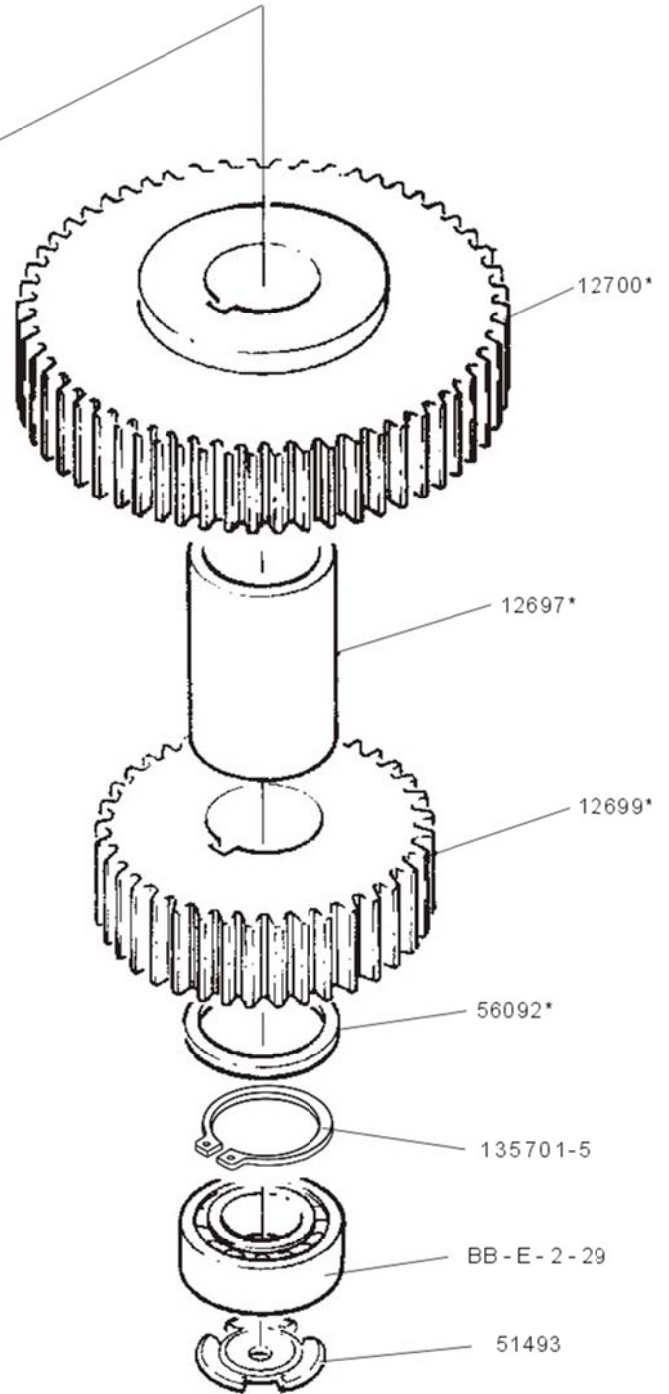
109070 - 18*



00 - 738102



109070 - 18*

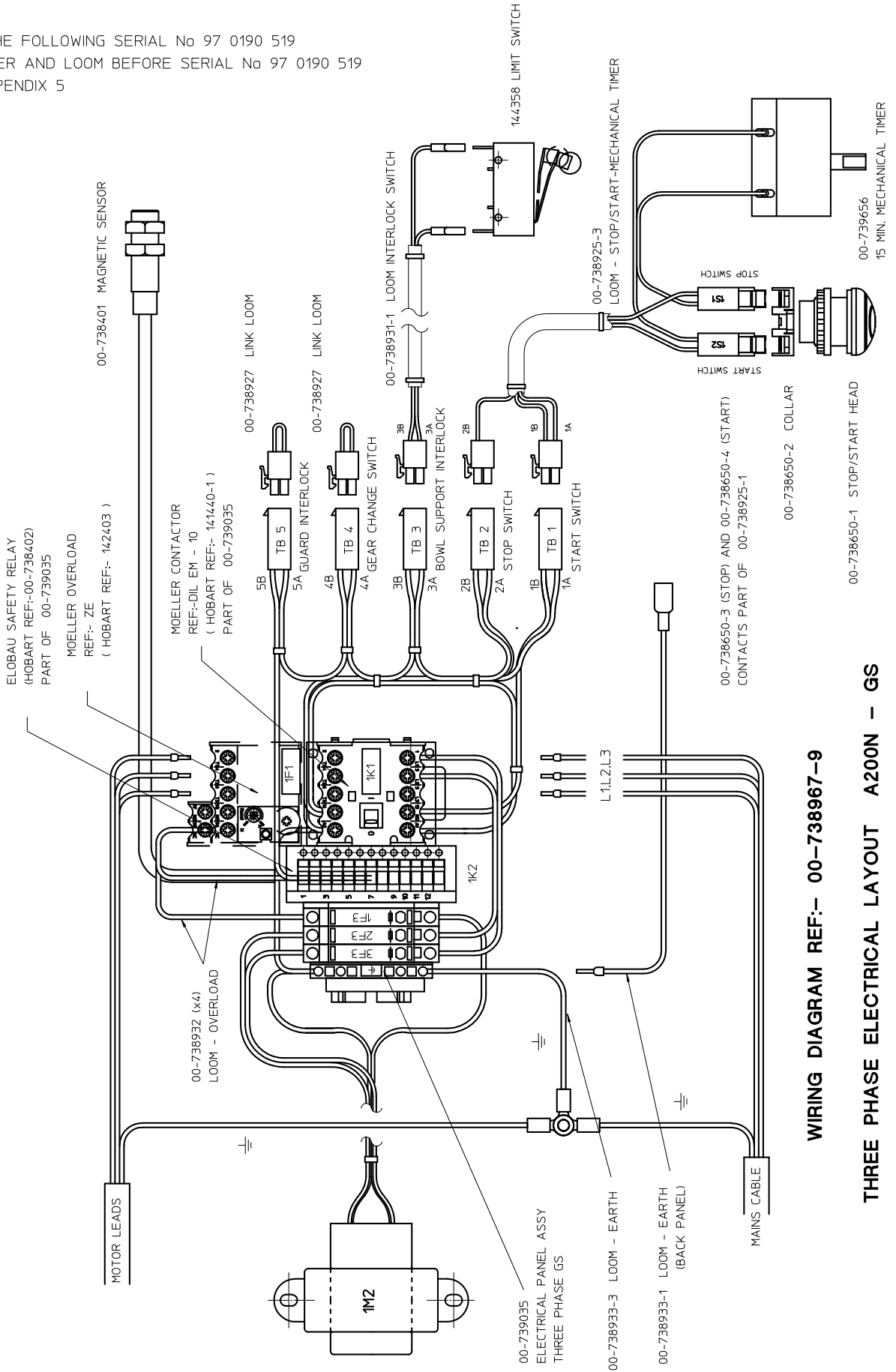


00 - 738115
TRANSMISSION SHAFT, ASSEMBLY (incl. item*)
arbre intermediaire, ensemble (compr. ref.*)
Antriebswelle, komplett (inkl. Teile*)

APPENDIX 9

HOBART

FROM THE FOLLOWING SERIAL No 97 0190 519
 FOR TIMER AND LOOM BEFORE SERIAL No 97 0190 519
 SEE APPENDIX 5



WIRING DIAGRAM REF:- 00-738967-9

THREE PHASE ELECTRICAL LAYOUT A200N - GS



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For further details contact:-

HOBART SERVICE UK

0844 888 7777

**Hobart UK
Hobart House, 51 The Bourne,
Southgate, London N14 6RT
Tel: 020 8920 2800 Fax 020 8886 0450
www.hobartuk.com**

Continued product improvement is a Hobart Still policy, specifications may change without notice.

HOBART SERVICE GERMANY

SERVICE-INFORMATIONEN UND -TELEFONNUMMERN.

Ausführliche Informationen erhalten Sie bei Ihrem Fachhändler, oder unter:

Service Tel. 01803 / 45 62 58 – www.hobart.de – info@hobart.de (innerhalb Deutschland)

HOBART behält sich das Recht vor, an allen Produkten Änderungen oder Verbesserungen ohne Ankündigungen vorzunehmen

HOBART SERVICE FRANCE

Telephone : 0825021222

Hobart ayant une politique d'amélioration constante de ses produits, les spécifications peuvent changer sans préavis.



Catalogue of Replacement Parts
Catalogue de Pièces de Rechange
Ersatzteilkatalog



A200N



PLE 200460-L-04-14
EU 8958



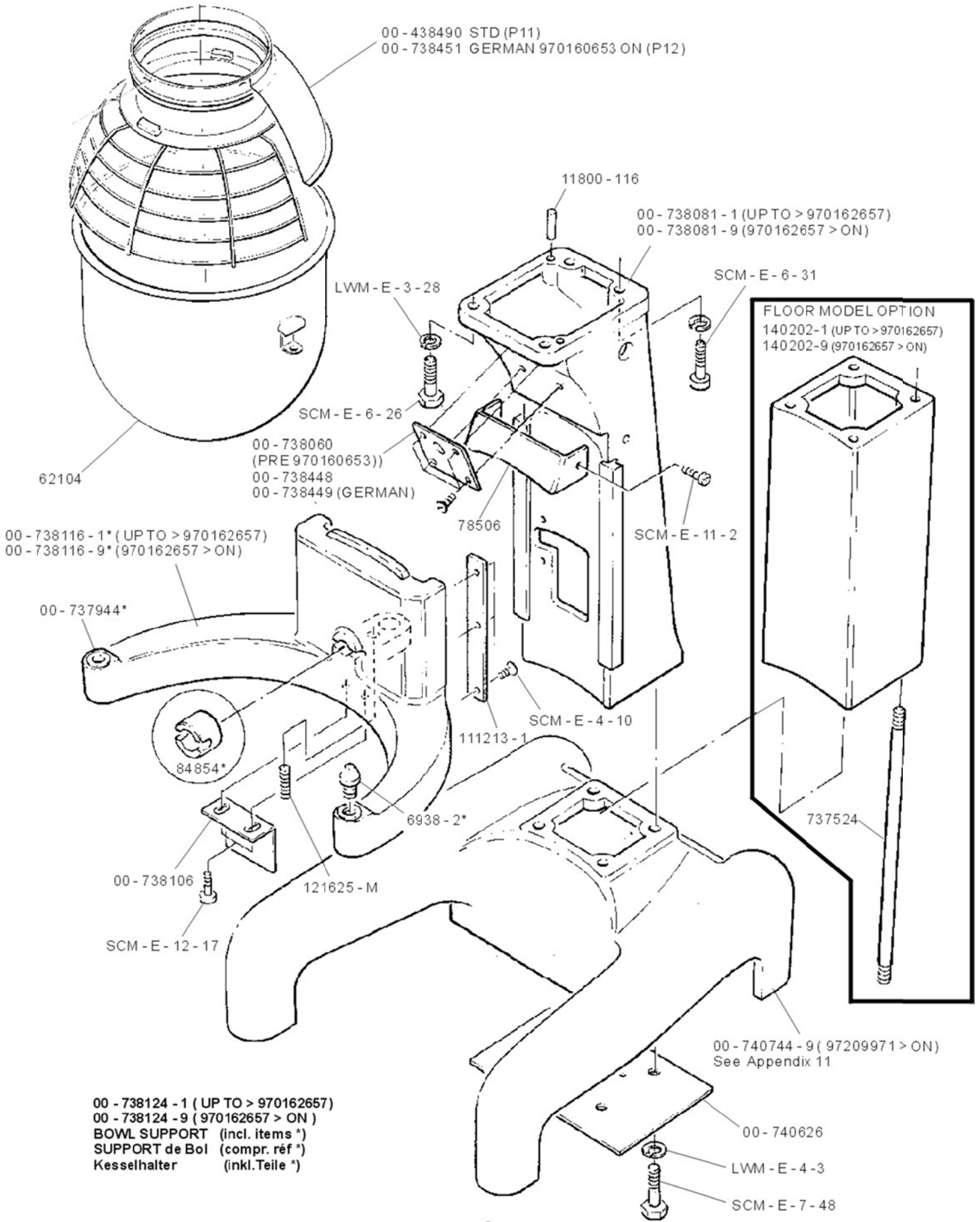
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Sommaire
Inhalt**

A200N

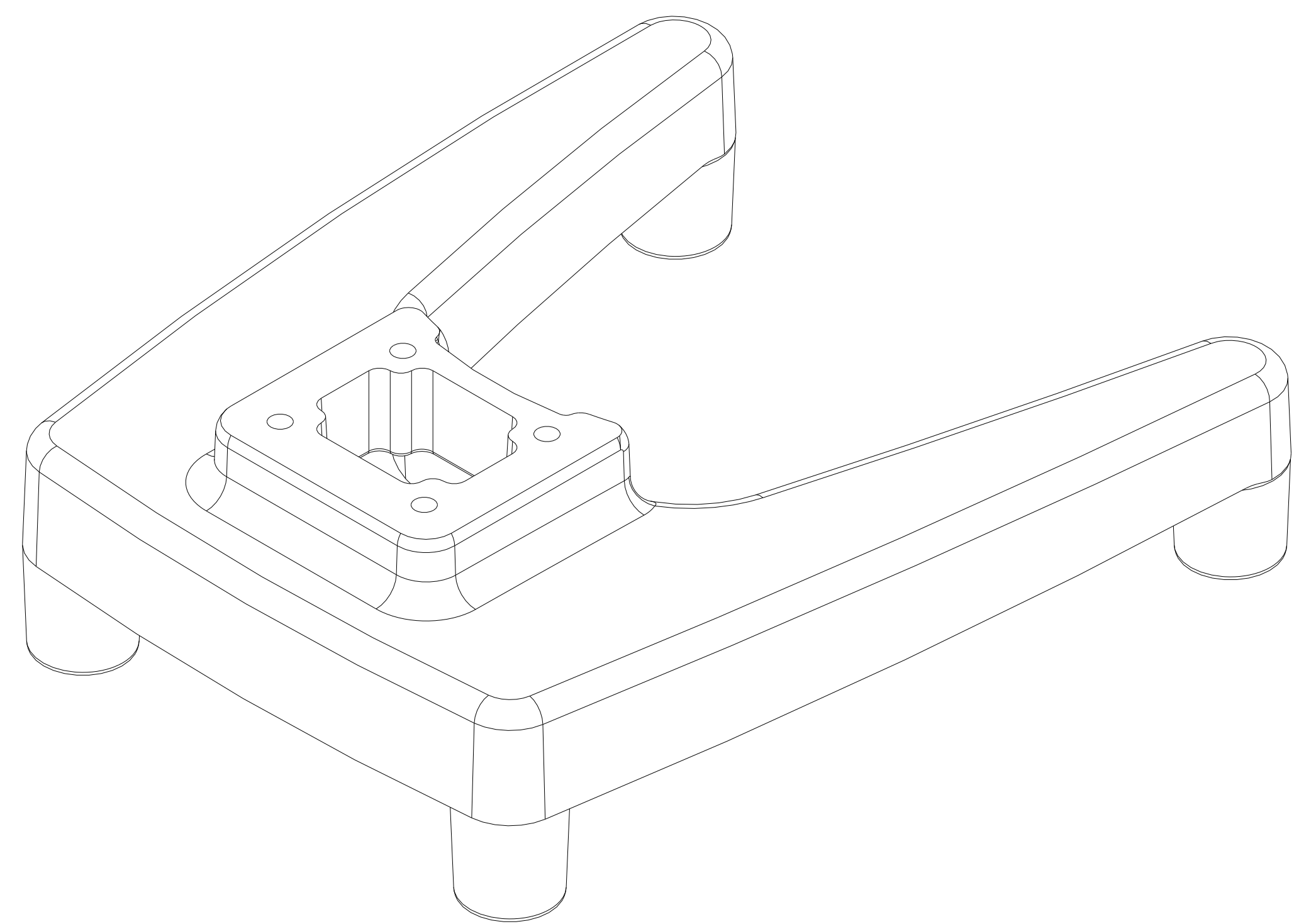
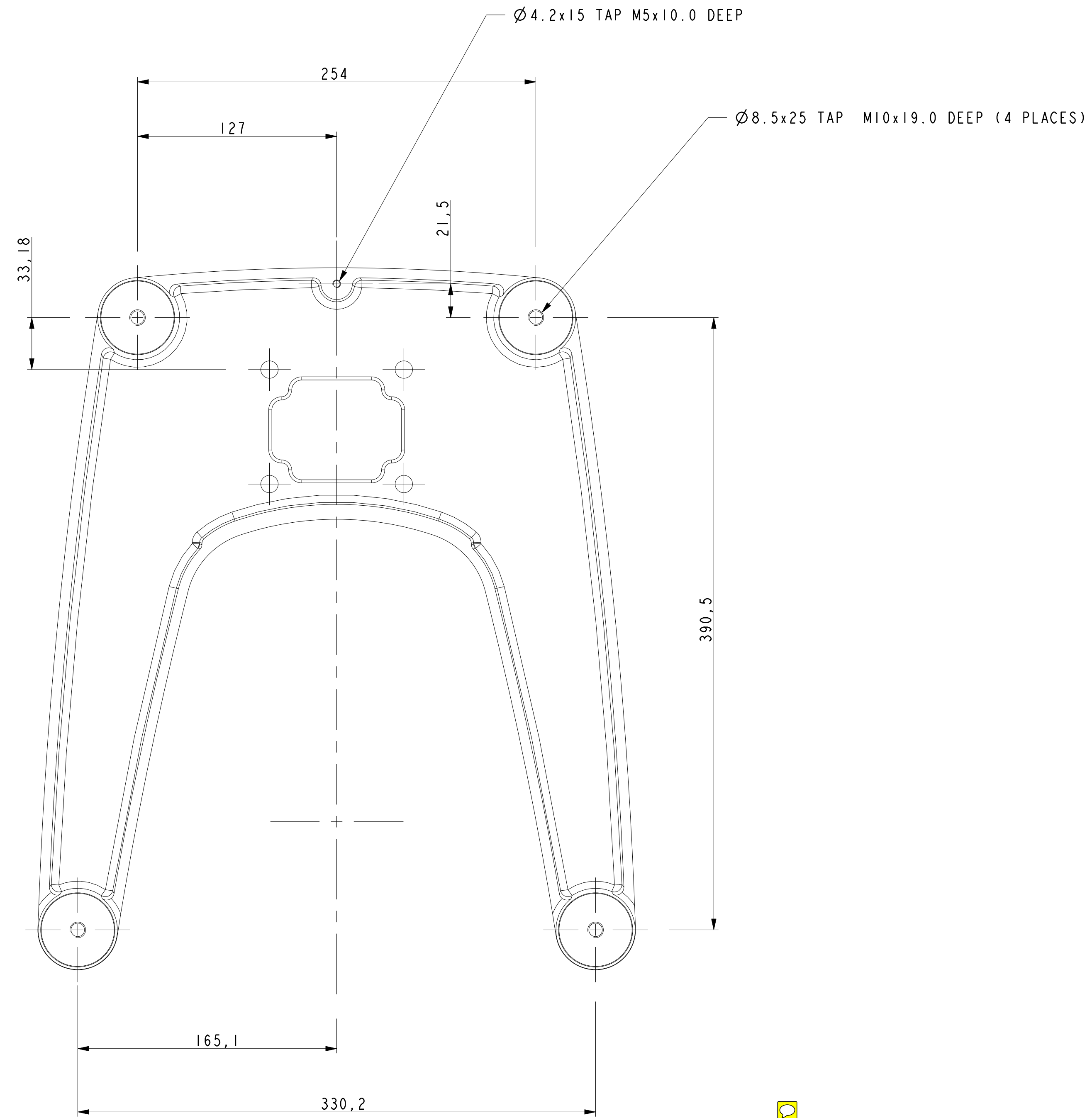
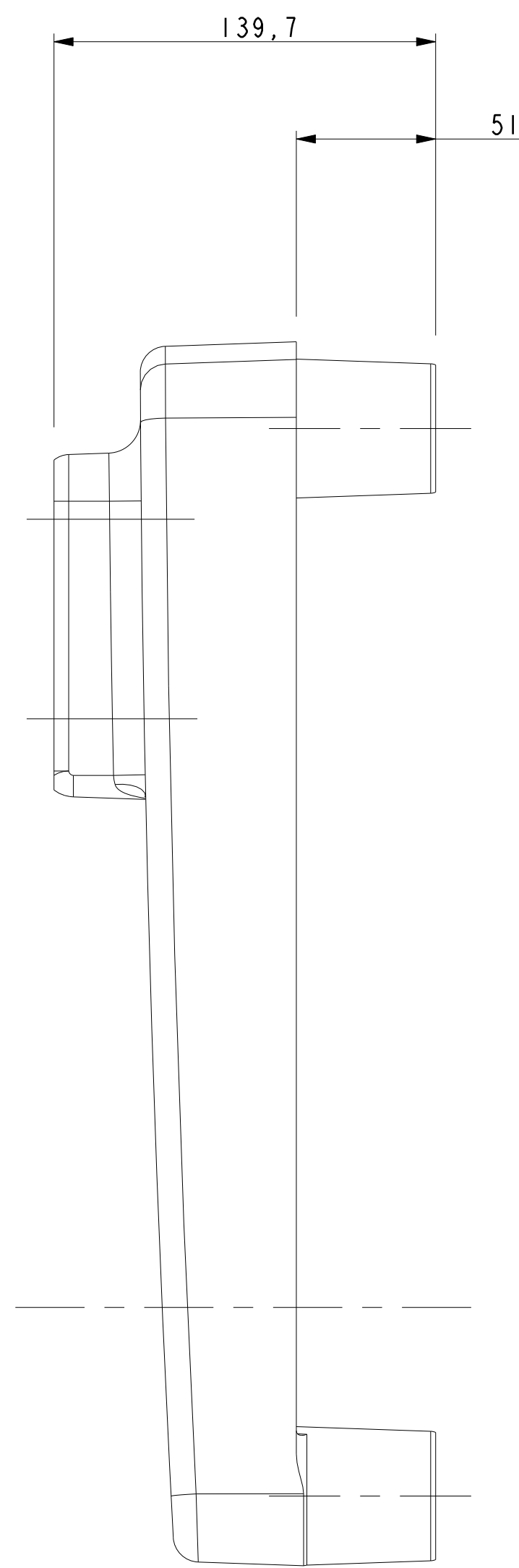
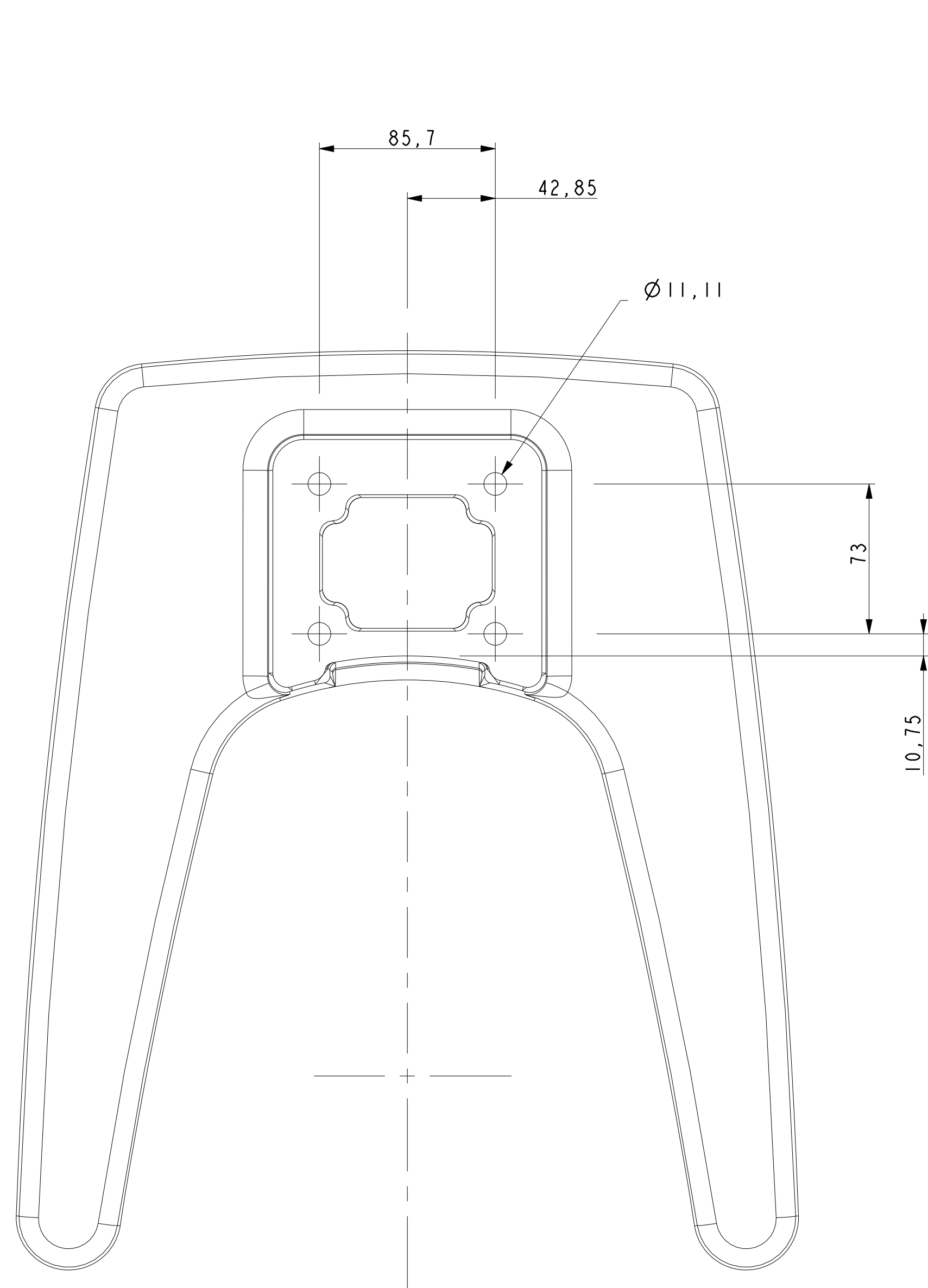
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Bowl Lift Relevage de bol Kesselheber	4
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Guard Assembly (German) Sécurité de bol Schutzgitter	12
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Agitators Agitateurs Rührwerkzeuge	19



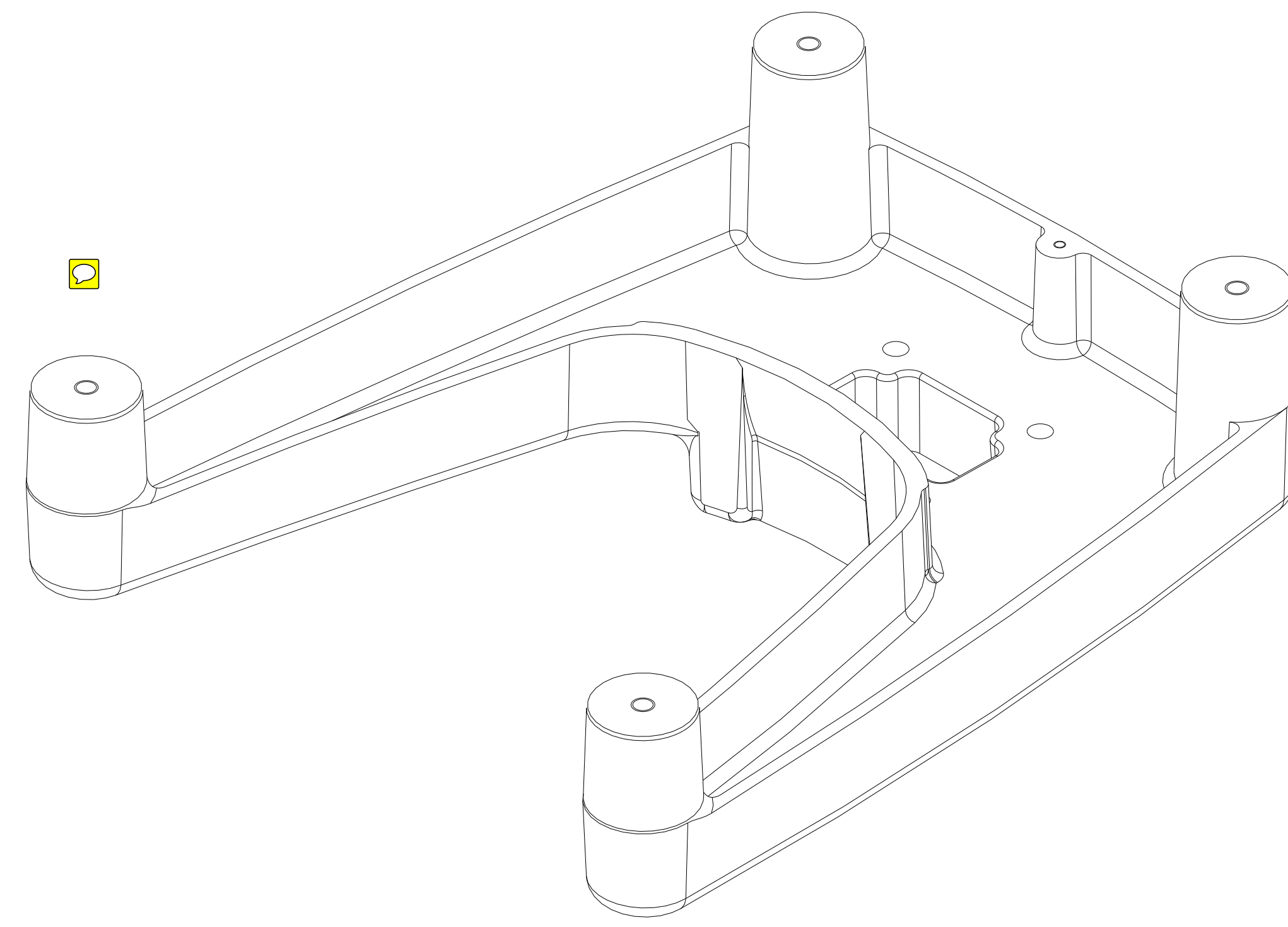
Base, Pedestal and Bowl Unit
Base, colonne, support de bol
Fuß, Säule und Kessel halter



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SCALE 0,500



SCALE 0,500

PART No	FINISH
00-740744	PRIMED AS SUPPLIED
00-740744-1	PAINTED HOBART GREY
00-740744-9	PAINTED HOBART METALLIC STEEL

REF : DCC UK CAD		MATERIAL	
TOLERANCES NOT SPECIFIED TOLERANCES NON SPECIFIÉES NICHT TOLERANZ MASSE	REMOVE ALL BURRS AND SHARP EDGES REPORT ERRORS IMMEDIATELY	00-740743	
(EXCEPT HOLES) EXCEPT LOS TROUS Ø10,3 mm FLOCHER AUSGESCHLOSSEN	DO NOT SCALE DRAWING STOCK SIZE -- STANDARD COMMERCIAL TOLERANCES APPLY	FINISH	SEE NOTE
HOLE TOLERANCES TOLERANCES DE TROUS LOCH-TOLERANZEN	RADII (R) RAYONS (R) RADIEN (R) 3-5 mm		
0 - 3 +10,00/-10,03 3 - 6 +10,10/-10,05 6 - 16 +10,15/-10,05 16 - +10,25/-10,05	ANGLES WINKEL °		
CHAMFERS (C) CHAFFREIN (C) 0,5 - 1 x 40° - 50° FASEN (C)	NE PAS PRENDRE DES COTES L'ÉCHELLE SURFACES/APPREJETER LES TOLERANCES S'ÉD. DE COMMERCE ALLE KANTEN ENTGRATEN FEHLER SOFORT MELDEN NICHT MASSSTÄBLICH ROHMATERIAL-NORM TOLERANZEN VERMESSUNG		

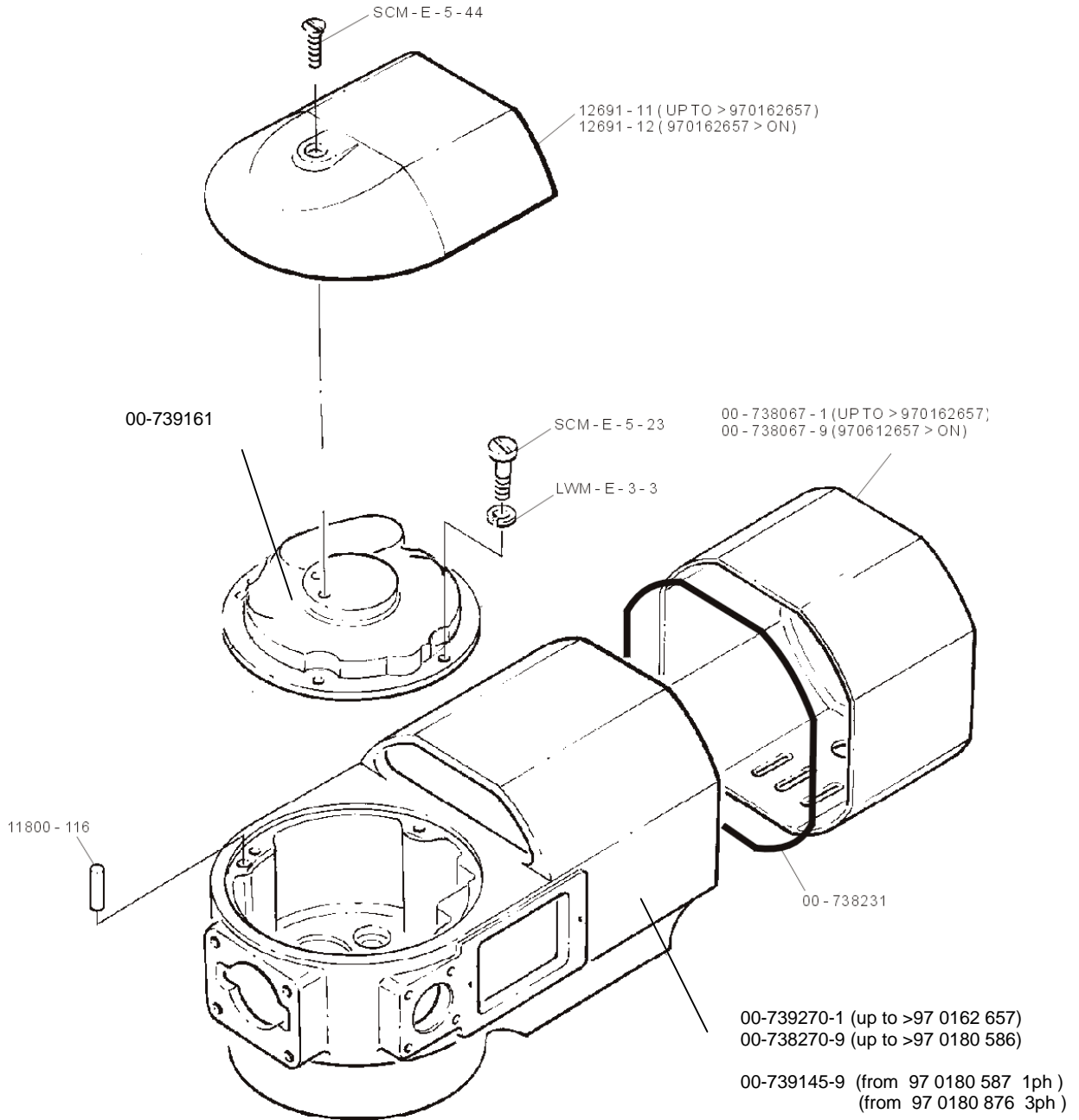
DESIGNATION		PAT / MOLD NO	
A200			
MODELL NR		0,500	
CNK	10.07.13		
GJ	????		
HOBART		E-00-740744	

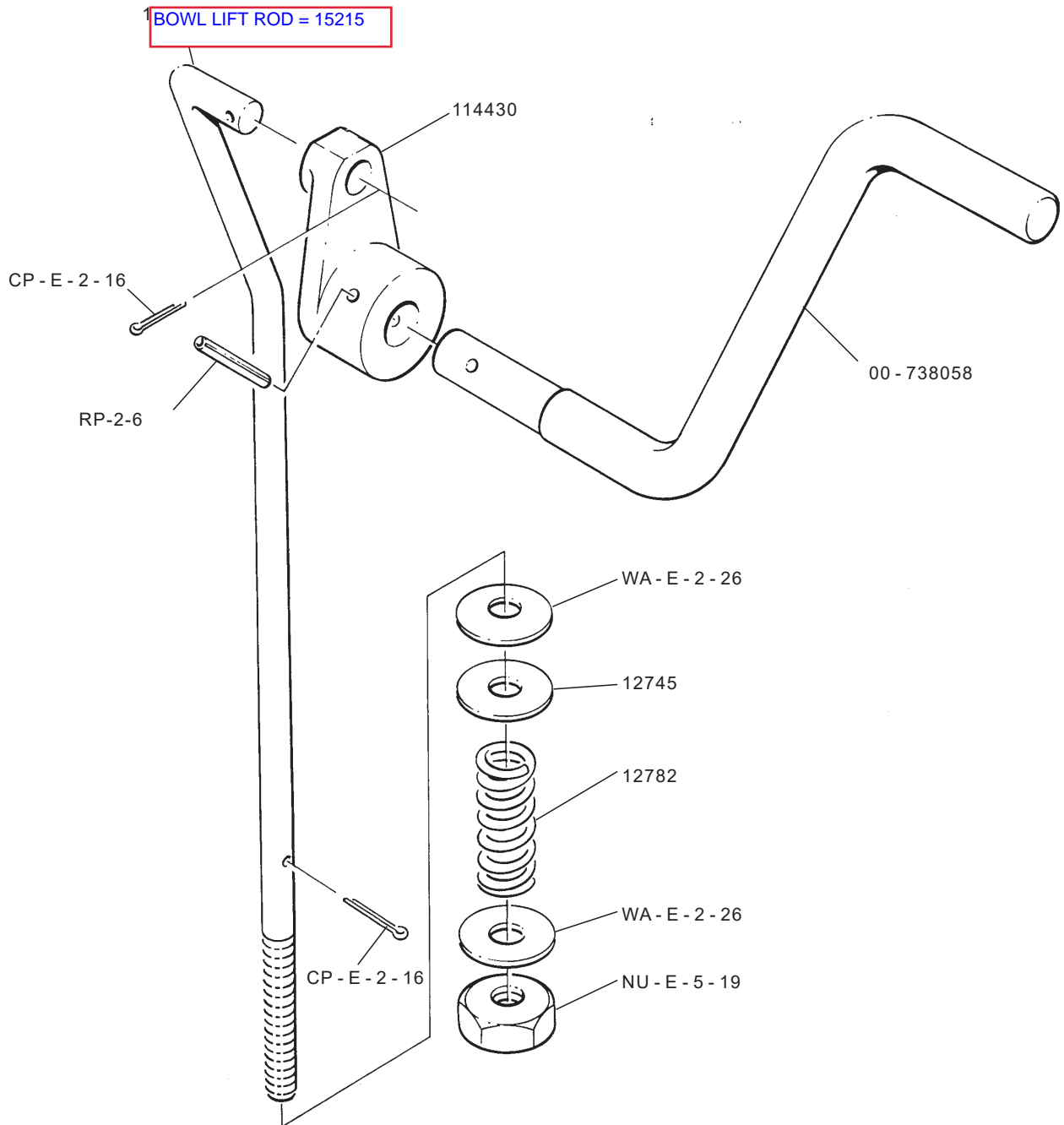


Transmission case
Boîte de Vitesses
Antriebsgehäuse

A200N

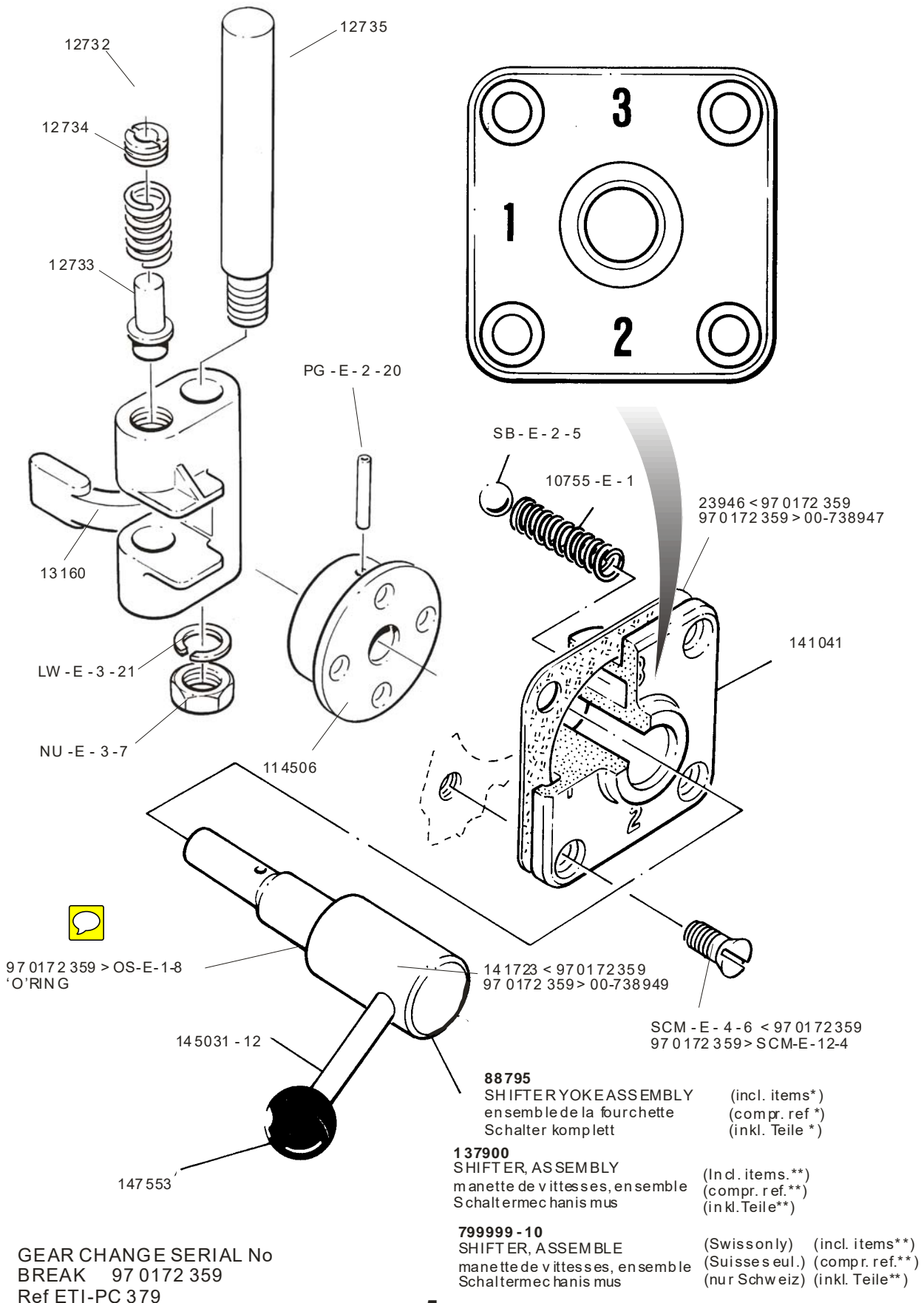
FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 2 FOR PRIOR MACHINES

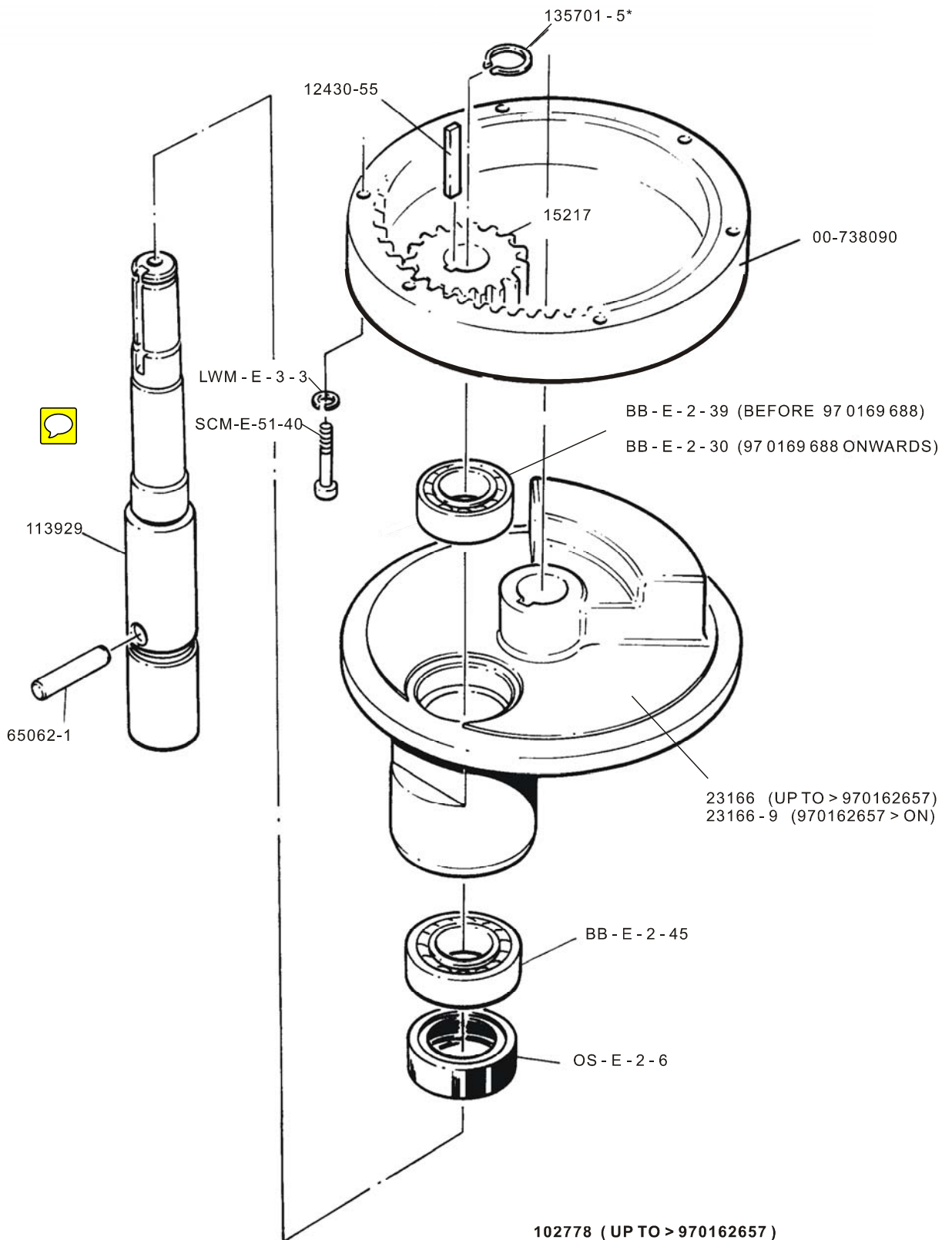




Shifter Unit
Changement de Vitesses
Geschwindigkeitswahlschalter

A200N



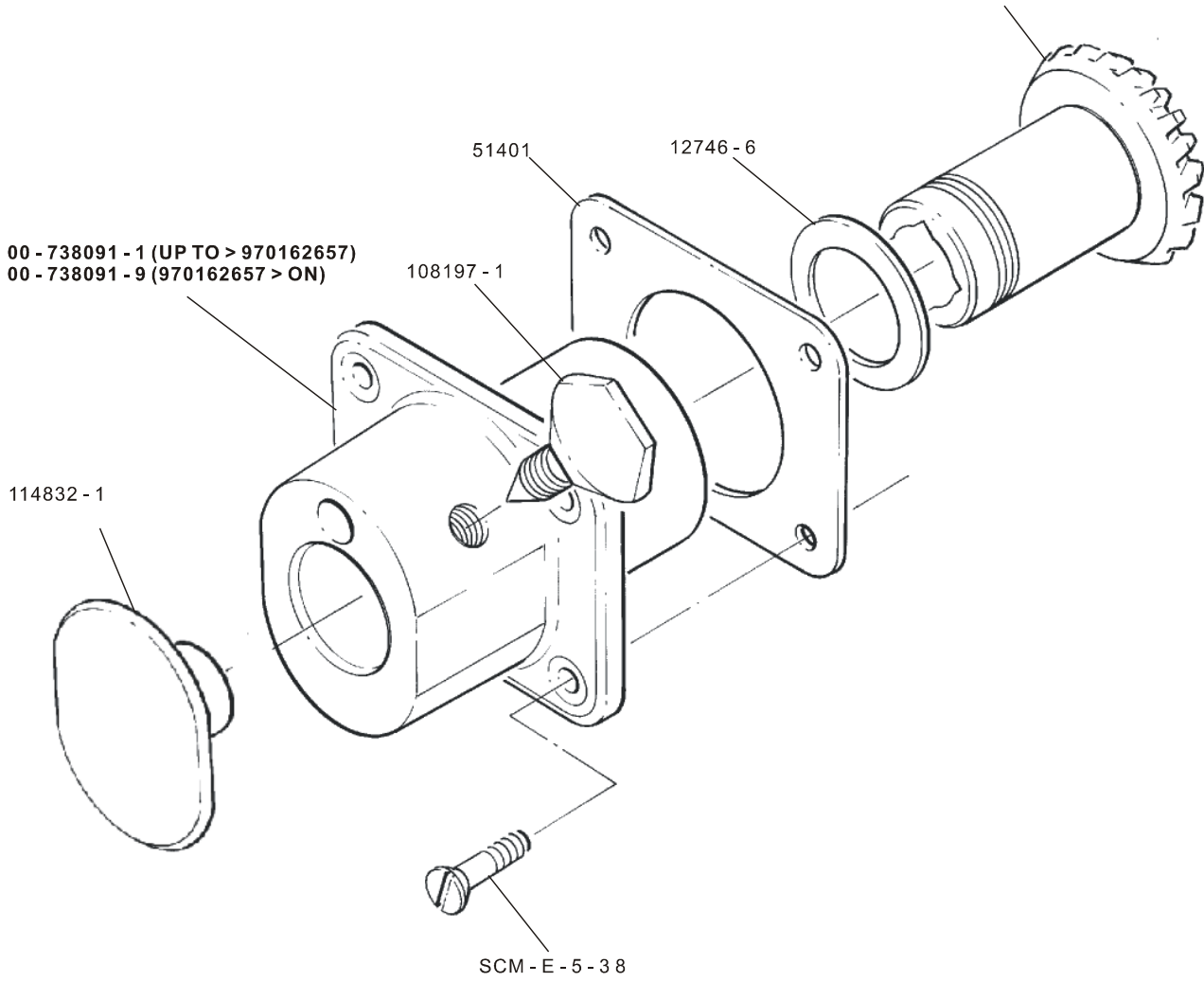


102778 (UP TO > 970162657)
102778-9 (970162657 > ON)
 PLANETARY, ASSEMBLY (incl. items *)
 planétaire, ensemble (compr. ref. *)
 Planetengetriebe, komplett (inkl. Teile *)

**Attachment Hub Unit
Canon Porte Accessoires
Ansatznabe**

A200N

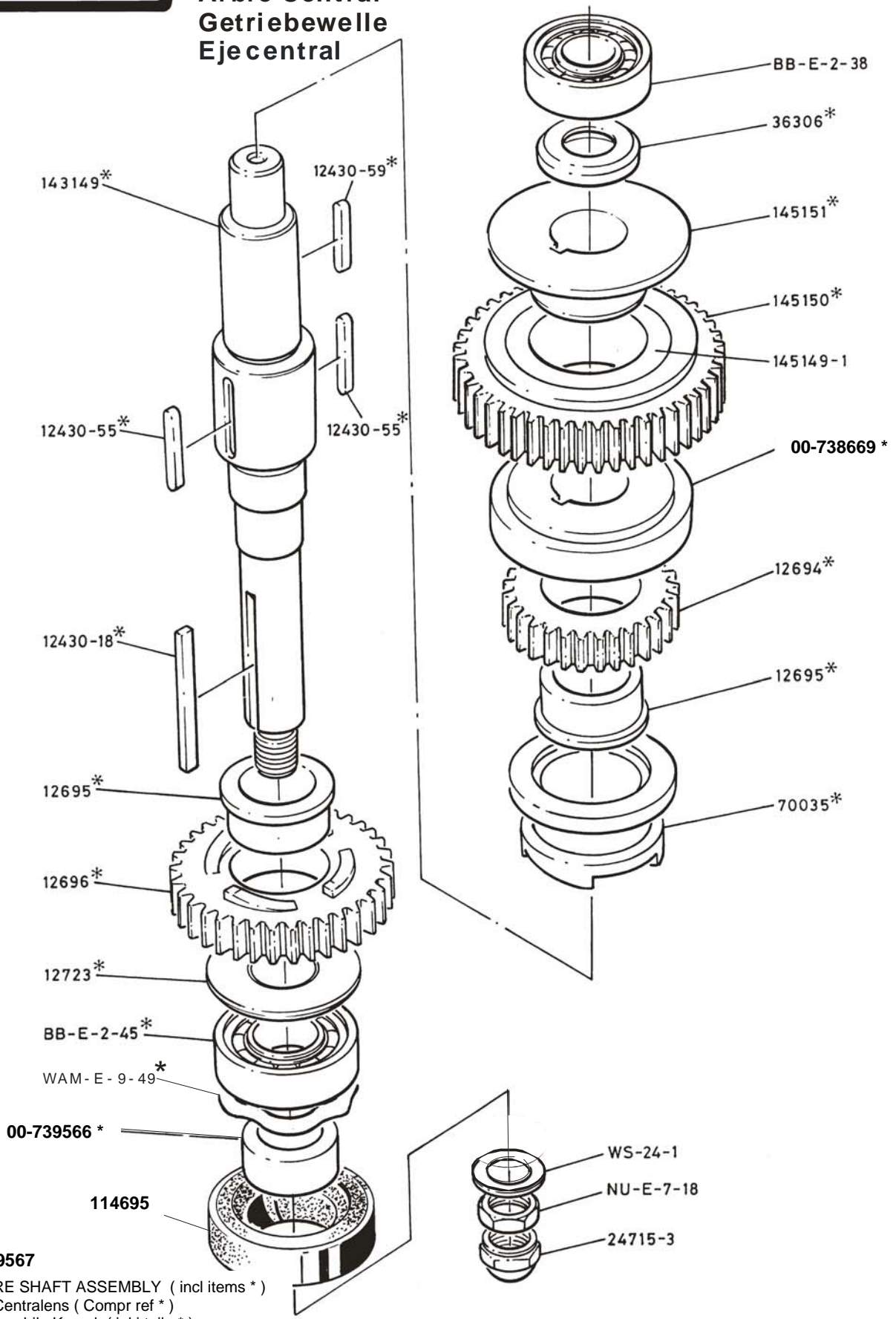
137286 & WP-E-2-3 > SER No 97 0167 055
00-738780 SER No 97 0167 056 <





**Centre Shaft
Arbre Central
Getriebewelle
Eje central**

FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
No 97 0186 957 A200-F3HE
REFER TO APPENDIX 3 FOR PRIOR MACHINES



00-739567

CENTRE SHAFT ASSEMBLY (incl items *)
Arbre Centralens (Compr ref *)
Getriebewelle Kompl (inki teile *)

**Transmission Shaft
Arbre Intermédiaire
Antriebswelle**

A200N

Note NU-E-5-19 nut and
thread on shaft 00-738102
removed from machines
after 97 0167 675

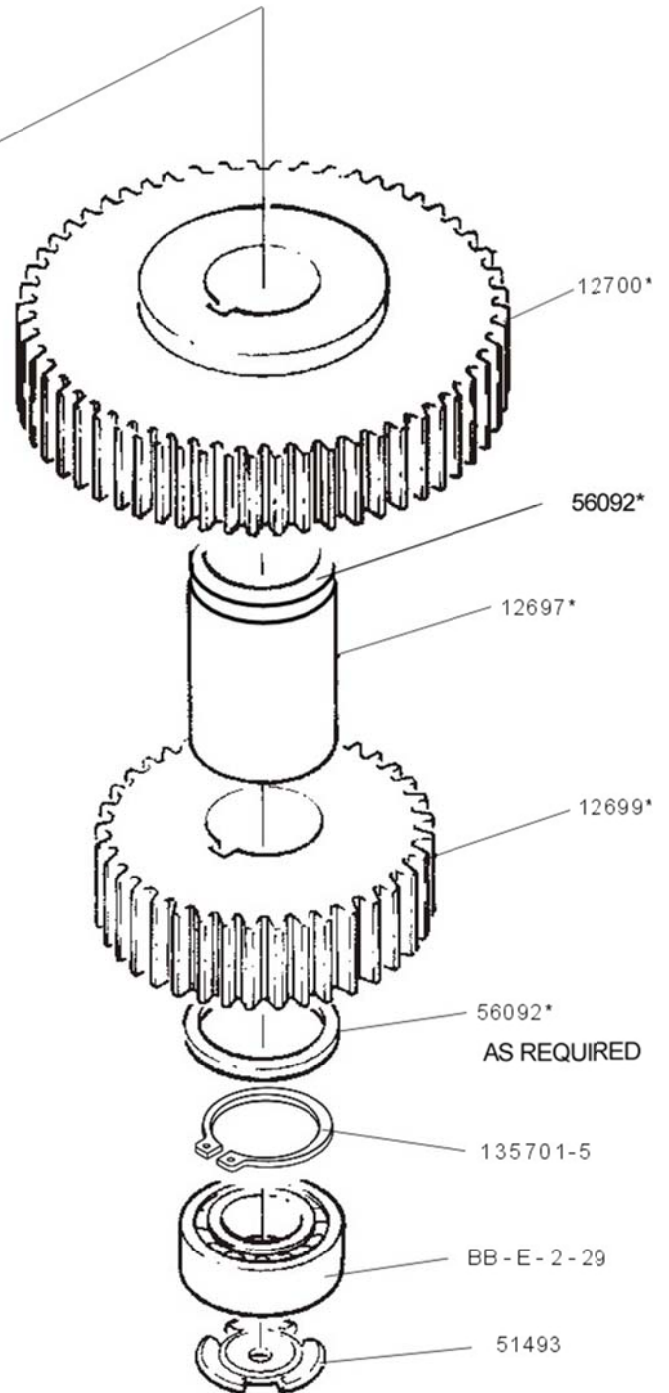
BB-E-2-29

12744
incorporated
into the shaft
00-738102

109070-18*

00-738102

109070-18*

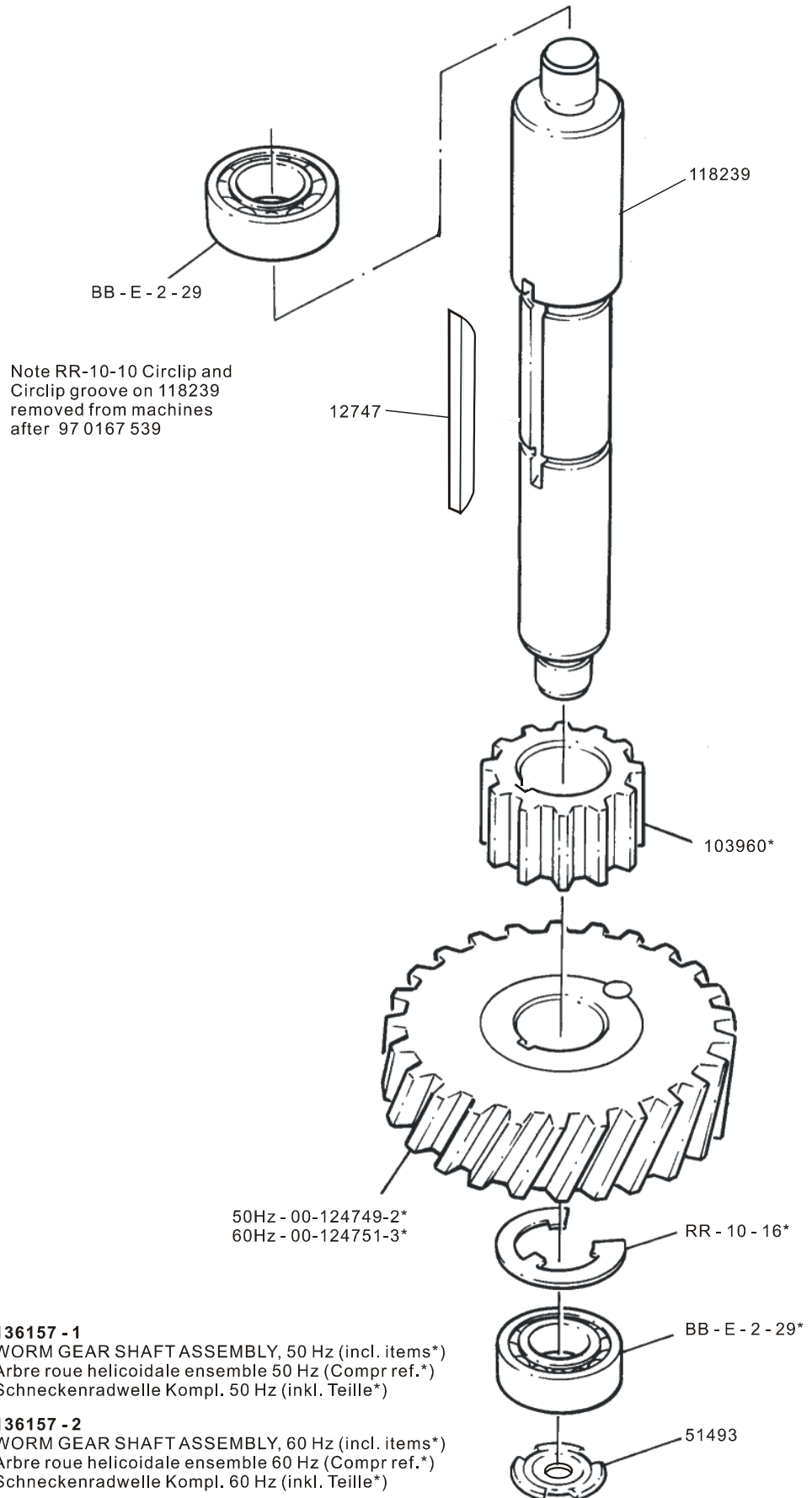


00-738115
TRANSMISSION SHAFT, ASSEMBLY (incl. item*)
arbre intermediaire, ensemble (compr. ref.*)
Antriebwelle, komplett (inkl. Teile*)



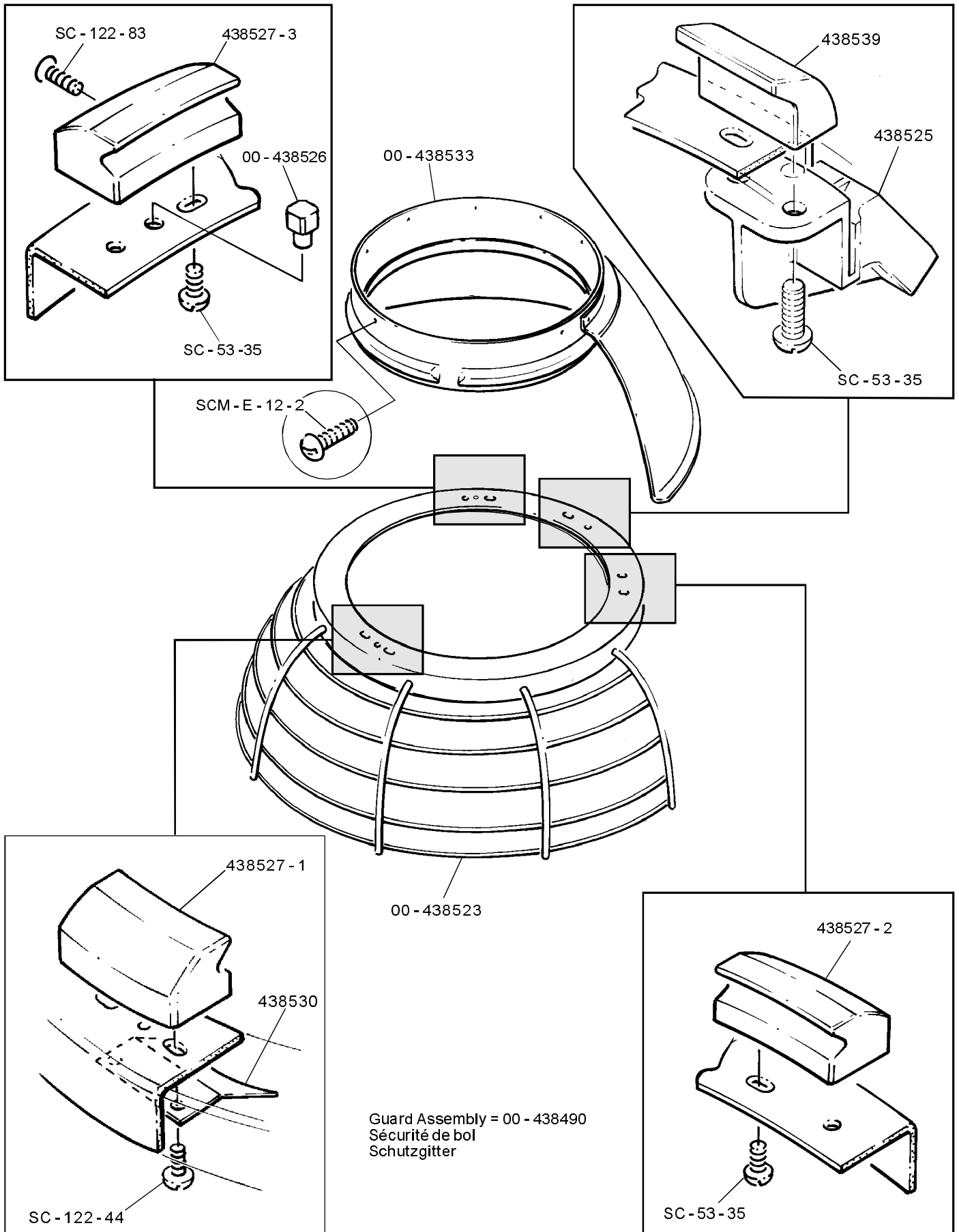
**Worm Gear shaft
Arbre roue hélicoïdale
Schneckenradwelle**

A200N



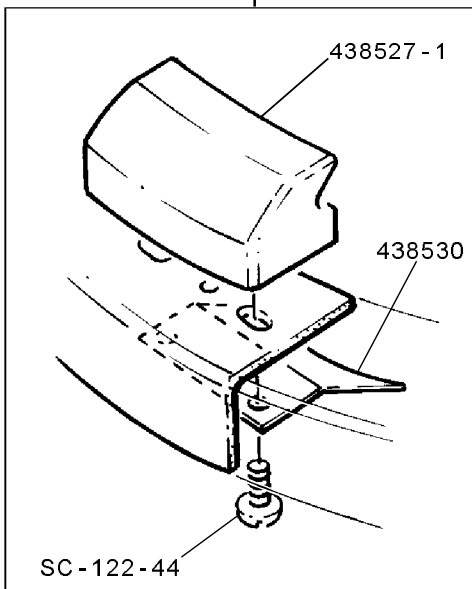
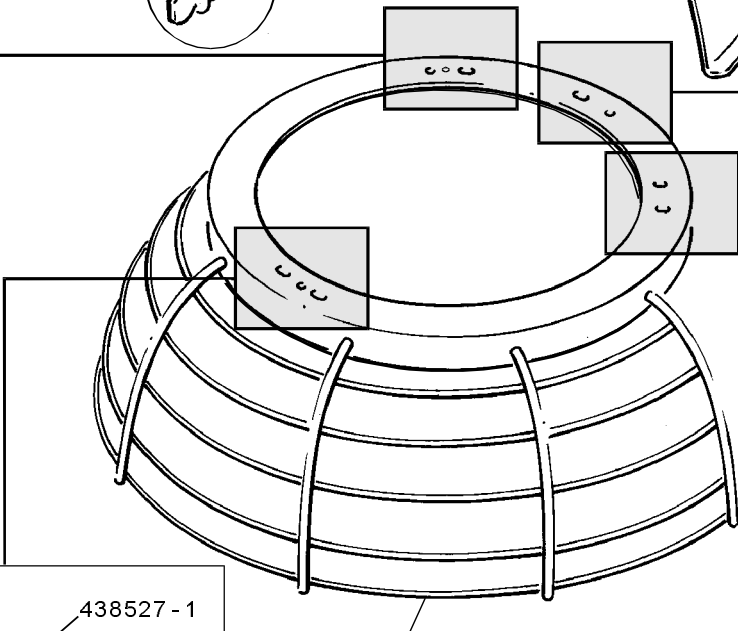
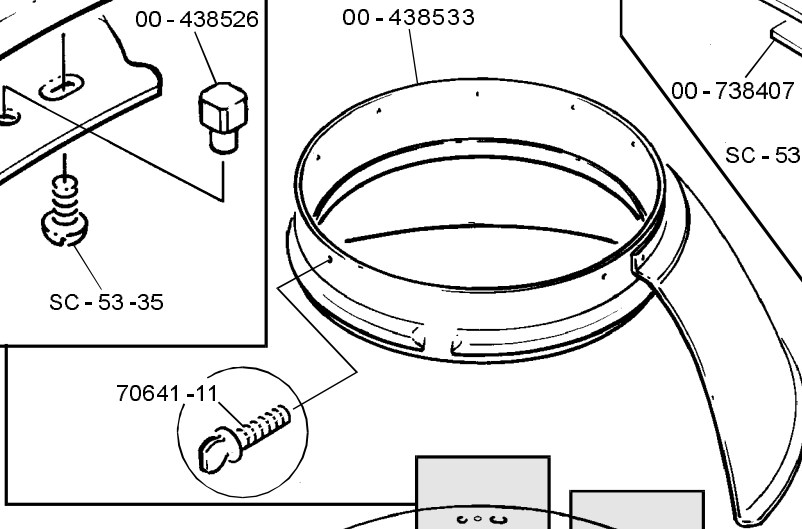
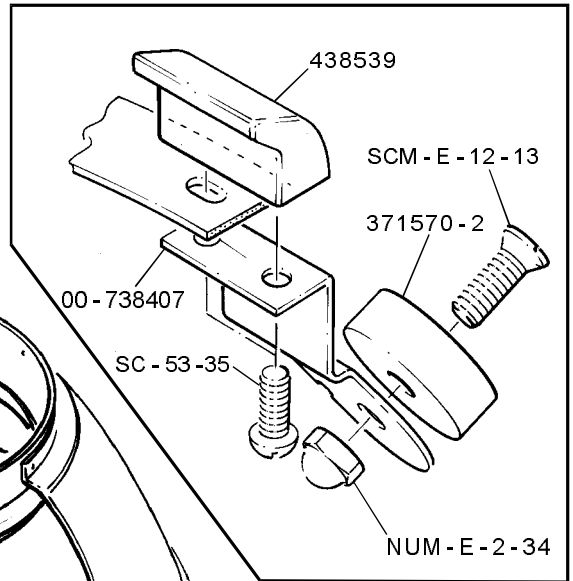
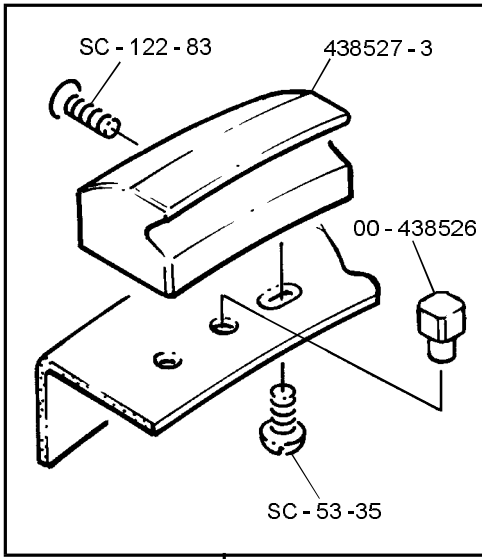
Guard Assembly
Sécurité de bol
Schutzgitter

A200N

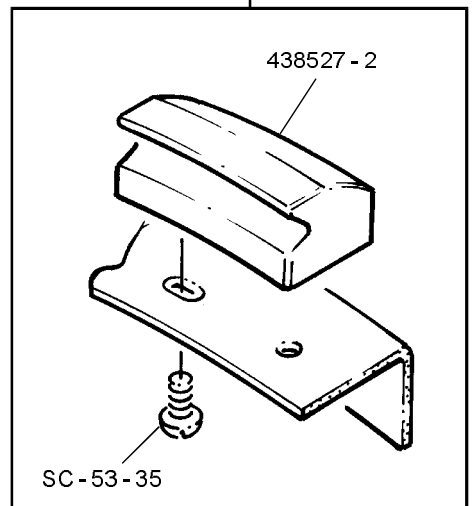




Guard Assembly (GERMAN)
Sécurité de bol
Schutzgitter



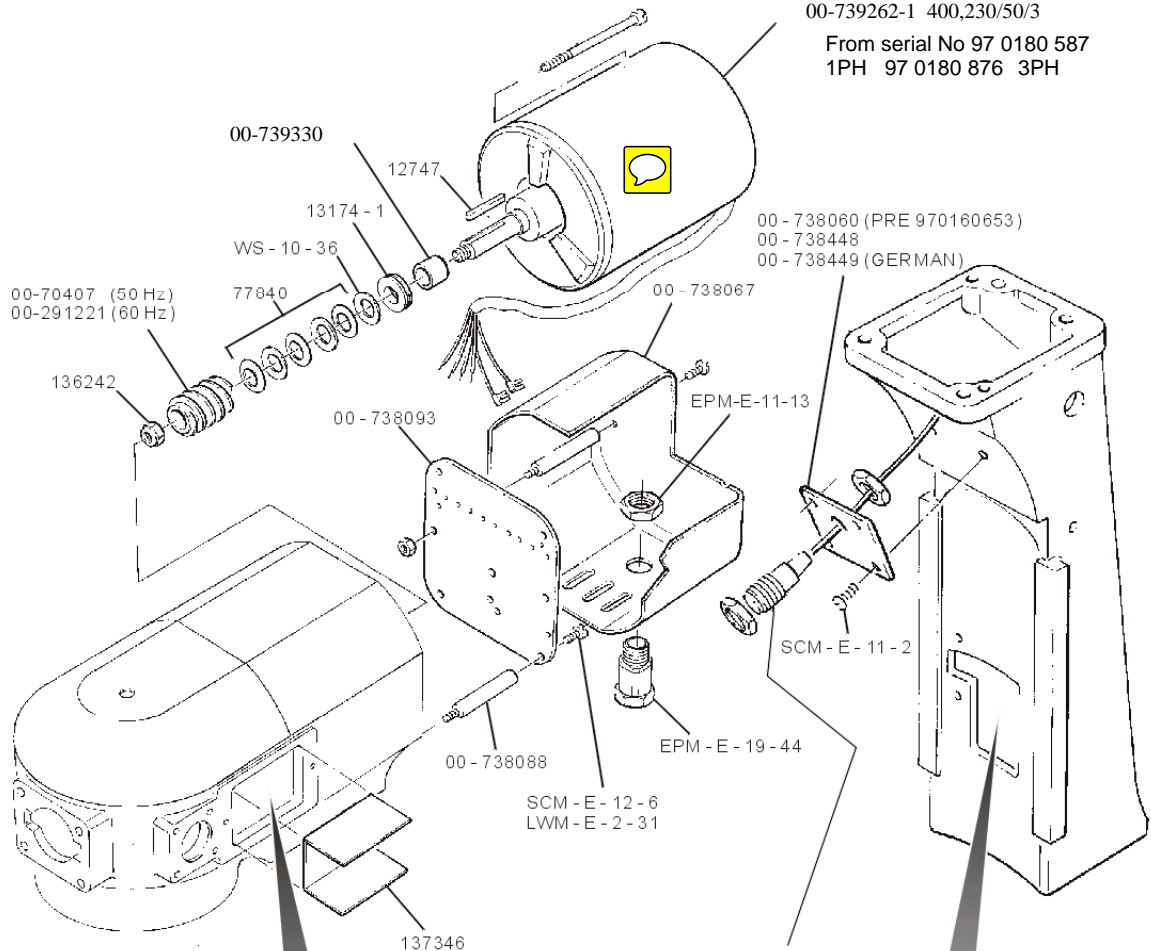
Guard Assembly = 00-738451
Sécurité de bol
Schutzgitter



See appendix page 1 and 4

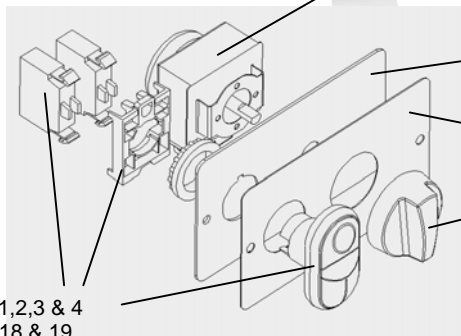


00-739261-1 230/50/1
00-739262-1 400,230/50/3
From serial No 97 0180 587
1PH 97 0180 876 3PH

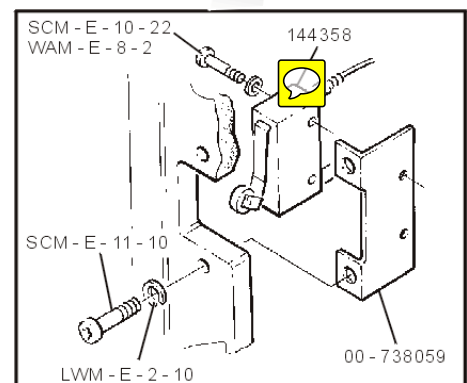


See page 17,18 & 19

Switch plate and timer
from serial No 97 0190 519

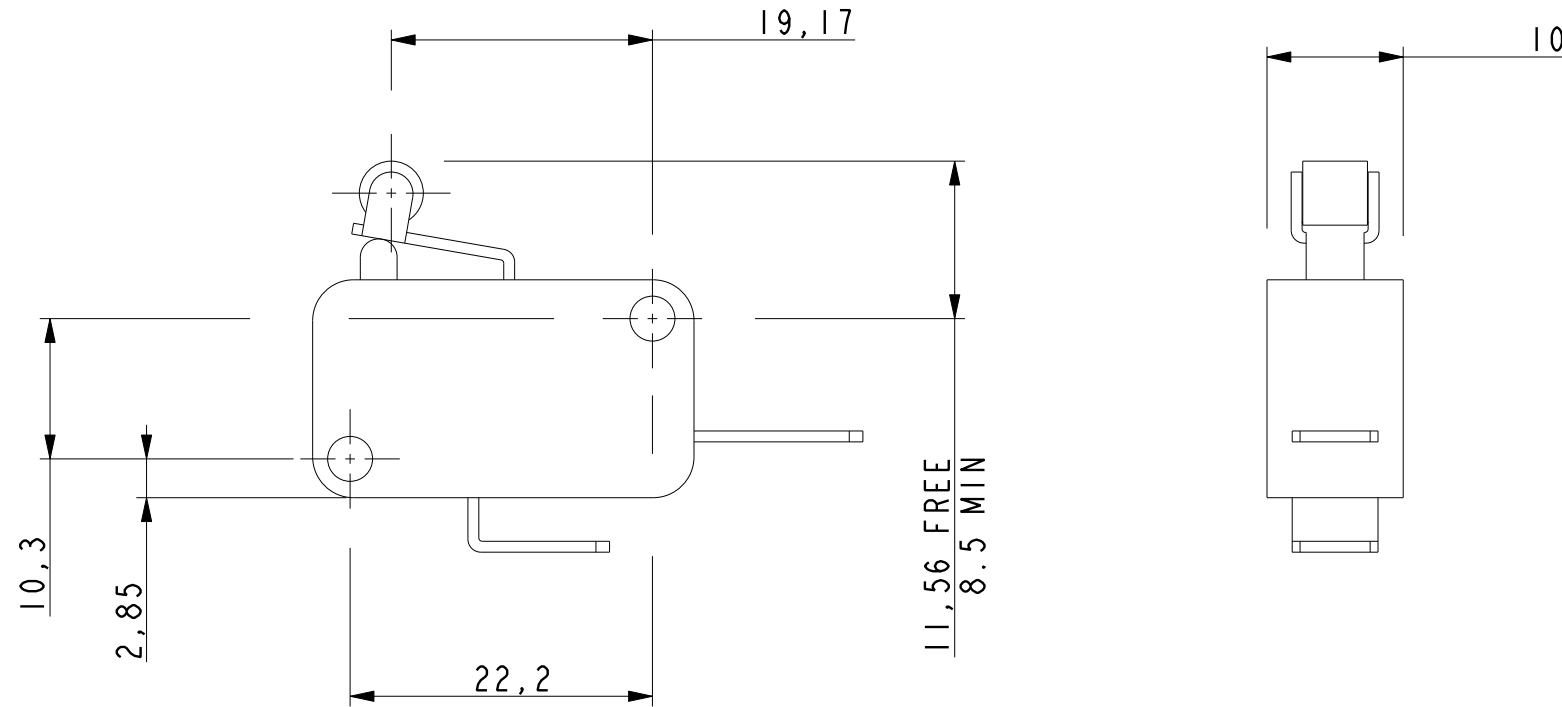


00-738650 - 1,2,3 & 4
See page 17,18 & 19



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B-00-740893 B RELEASED TO PRODUCTION 12.08.14 EU 9002



BURGESS BVM3FYRULS
 5.0 N ACTUATING FORCE POSITIVE BREAK SWITCH
 IP40, NC, ROLLER LEVER, SILVER/SILVER NICKLE CONTACTS
 LIFE 10 MILLION CYCLES, 240v 10 amp, -40° TO +85°C
 6.3 FASTON TERMINALS

REF : DCC UK CAD		MATERIAL	
TOLERANCES NOT SPECIFIED TOLERANCES NON SPECIFIEES NICHT TOLERIERTE MASSE		REMOVE ALL BURRS AND SHARP EDGES REPORT ERRORS IMMEDIATELY	
(EXCEPT HOLES) (EXCEPT LOS TROUS) ± mm (LOCHER AUSGESCHGLOSSEN)		DO NOT SCALE DRAWING STOCK SIZE :- STANDARD COMMERCIAL TOLERANCES APPLY	
HOLE TOLERANCES TOLERANCES DE TROUS LOCH-TOLERANZEN	RADII (R) RAYONS (R) RADIEN (R) 3-5 mm	ENLEVER TOUTES LES BAVURES ET LES ANGLES VIFS RAPPORTER LES ERRUEURS IMMEDIATEMENT	
	ANGLES WINKEL ±1°	NE PAS PRENDRE DES COTES L'ECHELLE SUREPAISSEURS-APPLIQUER LES TOLERANCES STD. DU COMMERCE	
CHAMFERS (C) CHANFREIN (C) 0.5 x 40° 50° FASEN (C)		ALLE KANTEN ENTGRATEN FEHLER SOFORT MELDEN NICHT MASSTABLICH ROHMATERIAL-NORM TOLERANZEN VERWENDBAR	

ZONE	LTR INDICE AND NR	REVISIONS MODIFICATIONS ÄNDERUNG	DATE DATE DATUM	ECH NO
⊕ADD. AJOUTER. ADDIEREN		⊖REMOVE. SUPPRIMER. ENTFERNEN.		⊕WAS. ETAT. WAR.
PART NAME LIMIT SWITCH				
DESIGNATION				
BENENNUNG				
FIRST USED ON MACHINE VERWENDEUNG		MIXERS		PAT / MOLD NO
NEXT ASSY ENSEMBLE GRUPPE				MODELE
SUPPS. DRG REPLACE ERSETZT				MODELL NR
DRN BY DESIGNE GEZEICHN	CNK	DATE DATE DATUM	15.07.14	SCALE ECHELLE MASSSTAB
CHK BY VERIFIE GEPRÜFT	GJ	DATE DATE DATUM	12.08.14	2,000
HOBART		B-00-740893		REV INDICE ÄNDER
				B

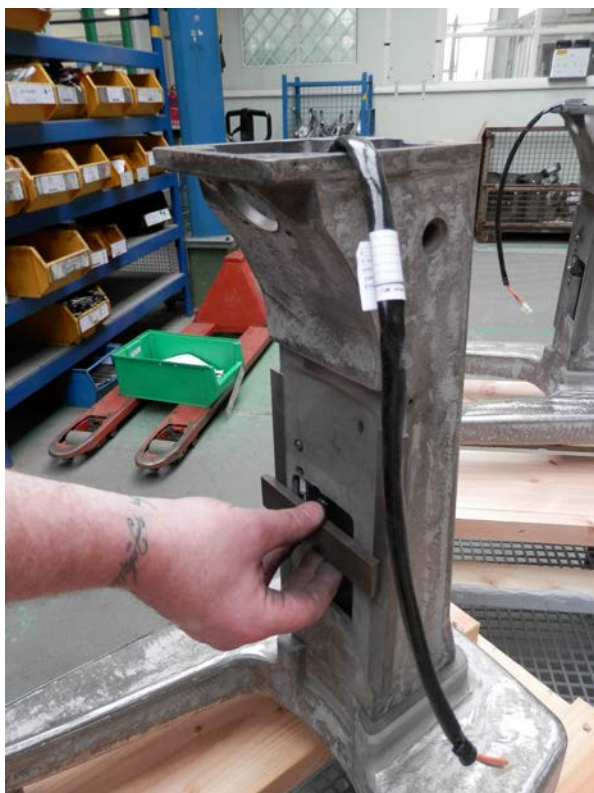


2.09

Assemble as per photo. **Ensure Insulation Pads (2 off) are either side of Microswitch.** Cable tie cables to bracket

2.10

Assemble Micro Switch Assembly to Pedestal



2.11

Check Micro Switch Assembly is correctly adjusted with aid of Setting Block



2.12

Apply Loctite 222 to Screw and assemble to Bowl Support



2.23

Locate and insert 2 off Dowel Pins into Pedestal using punch

2.24

Test operation of Micro Switch

Raise and lower Bowl Support.

Check red light on Test Box illuminates when switch is actuated.



2.25

Carefully locate Transcase onto Pedestal by locating over Dowel Pins while carefully thread ing Loom through Transcase taking care not pull terminals on the Micro Switch.

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0801741080 - B

B RELEASED TO PRODUCTION 05.03.16 EU 9217

PART No	DESCRIPTION	QTY
00-740876	ASSEMBLY BRACKET - LIMIT SWITCH	1
00-740893	LIMIT SWITCH (BVM3FYR-ULS)	1
00-740952	INSULATION - SWITCH ASSEMBLY	2
00-740887	STUD PLATE ASSY - LIMIT SWITCH	1
WAM-E-8-2	WASHER-3.2MM X 7MM X 0.5MM-BRS	2
NUM-E-1-6	M3 NYLOC NUT - SST	2
EPM-E-1-37	CABLE TIE	1
SU-E-25-42	MINIGRIP BAG PA 130 (23544111)	1
ETI-PC-520	ENG. TECH. INSTRUCTIONS INTERLOCK SWITCH FITTING	1

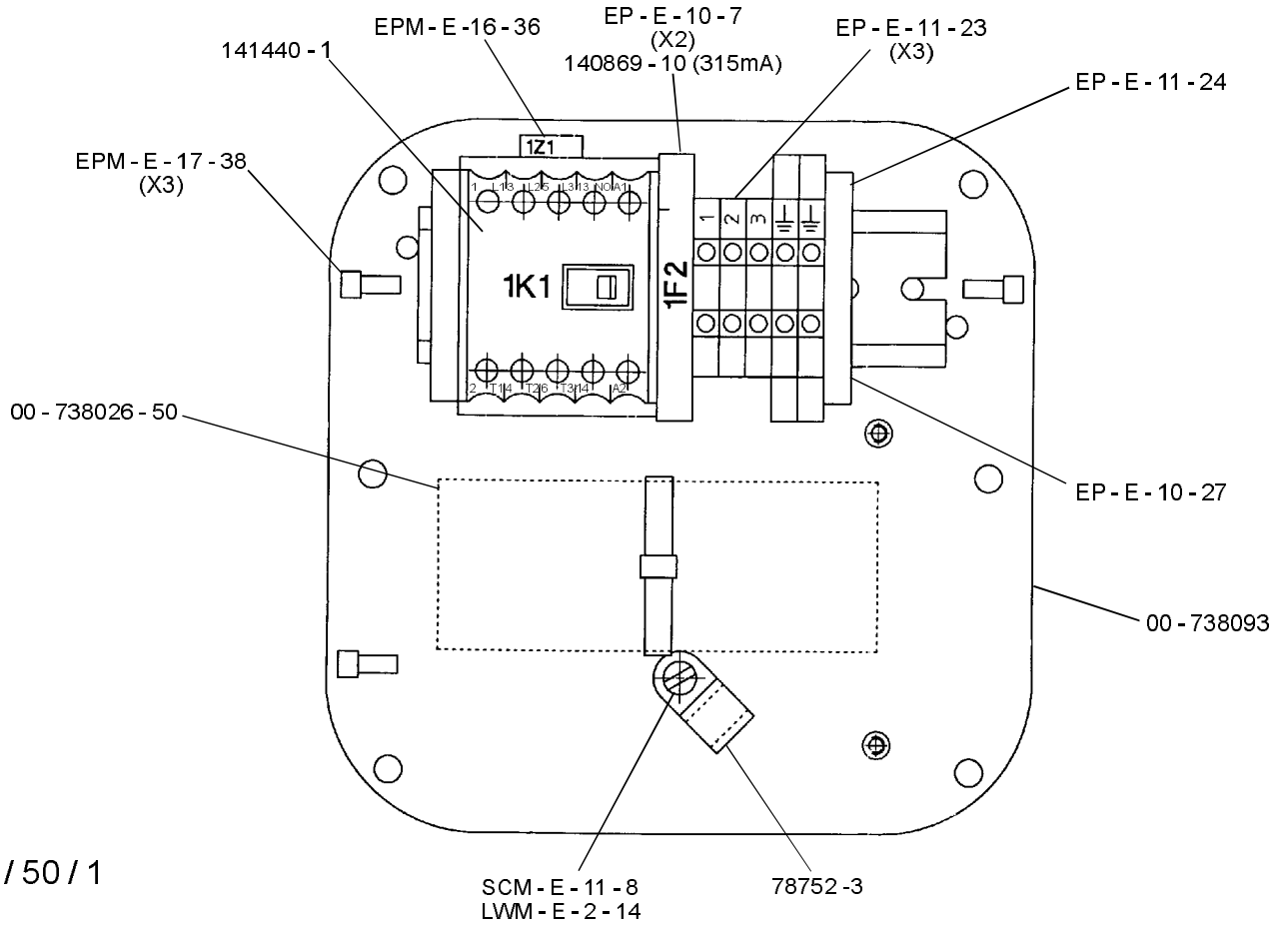
REF: DCC UK CAD	
TOLERANCES NOT SPECIFIED TOLERANCES NON SPECIFIEES NICHT TOLERIERTE MASSE	REMOVE ALL BURRS AND SHARP EDGES REPORT ERRORS IMMEDIATELY
(EXCEPT HOLES) (EXCEPT LES TROUS) ± _____mm (LOCHER AUSGESCHLOSSEN)	DO NOT SCALE DRAWING STOCK SIZE - STANDARD COMMERCIAL TOLERANCES APPLY ENLEVER TOUTES LES BAVURES ET LES ANGLES VIFS
HOLE TOLERANCES: TOLERANCES DE TROUS: LOCH-TOLERANZEN: 0, \blacktriangleright 3 (+0,08/-0,03) 3, \blacktriangleright 6 (+0,10/-0,05) 6, \blacktriangleright 16 (+0,13/-0,05) 16, \blacktriangleright (+0,25/-0,05)	RADI (R) RAYONS (R) RADIIEN (R) 3-5mm ANGLES WINKEL ±1°
CHAMFERS (C) CHANFREIN (C) 0.5 \blacktriangleright 1 x 40° \blacktriangleright 50° FASEN (C)	SUREPAISSEURS-APPLIQUER LES TOLERANCES STD. DU COMMERCE ALLE KANTEN ENTGRATEN FEHLER SOFORT MELDEN NICHT MASSTÄBLICH ROHMATERIAL-NORM TOLERANZEN VERWENDBAR

MATERIAL:
SEE TABLE
FINISH

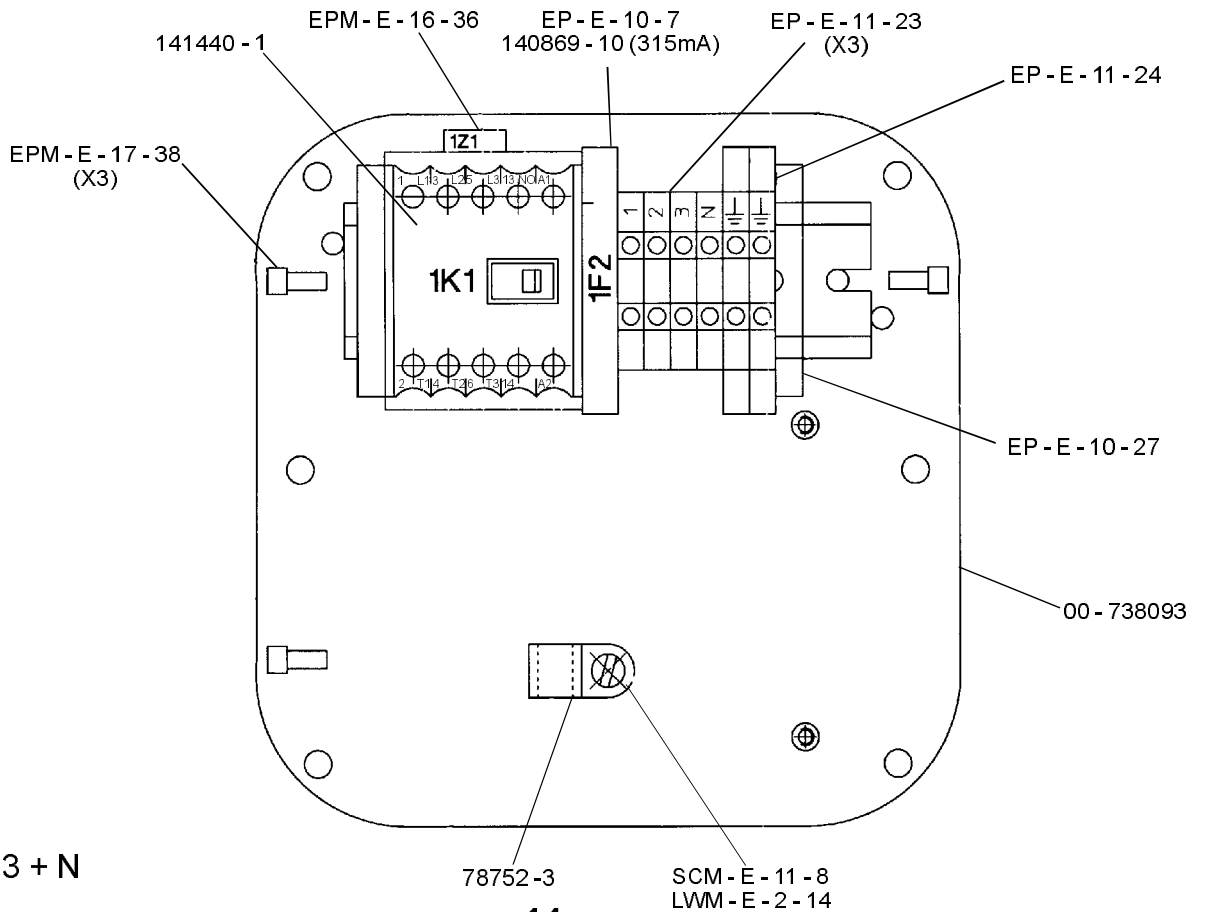
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⊕ ADD. AJOUTER. ADDIEREN		⊖ REMOVE. SUPPRIMER. ENTFERNEN	⊕ WAS. ETAIT. WAR.	
PART NAME: BOWL SUPPORT LIMIT SWITCH KIT				
DESIGNATION:				
BENENNUNG:				
FIRST USED ON MACHINE: NUMEROUS:			A120/200	
NEXT ASSY SUCCESSEUR GROUPE:			PAT./MOLD NO.:	
SUPPL. OR REPLACE SUIVANT:			MODELE:	
TITLE OR DESIGN REVISION:			MODELL NR.:	
DATE DATE DATUM		DATE DATE DATUM		SCALE ECHELLE MASSSTAB
CNC BY DATE GEMACHT:		DATE DATE DATUM		1 1
HOBART		B- 00-741080		REV. NO. ÄNDER
				B



Electrical Parts (230v/50/1 & 400/50/3+N) Auxiliares eléctricas Electroteile



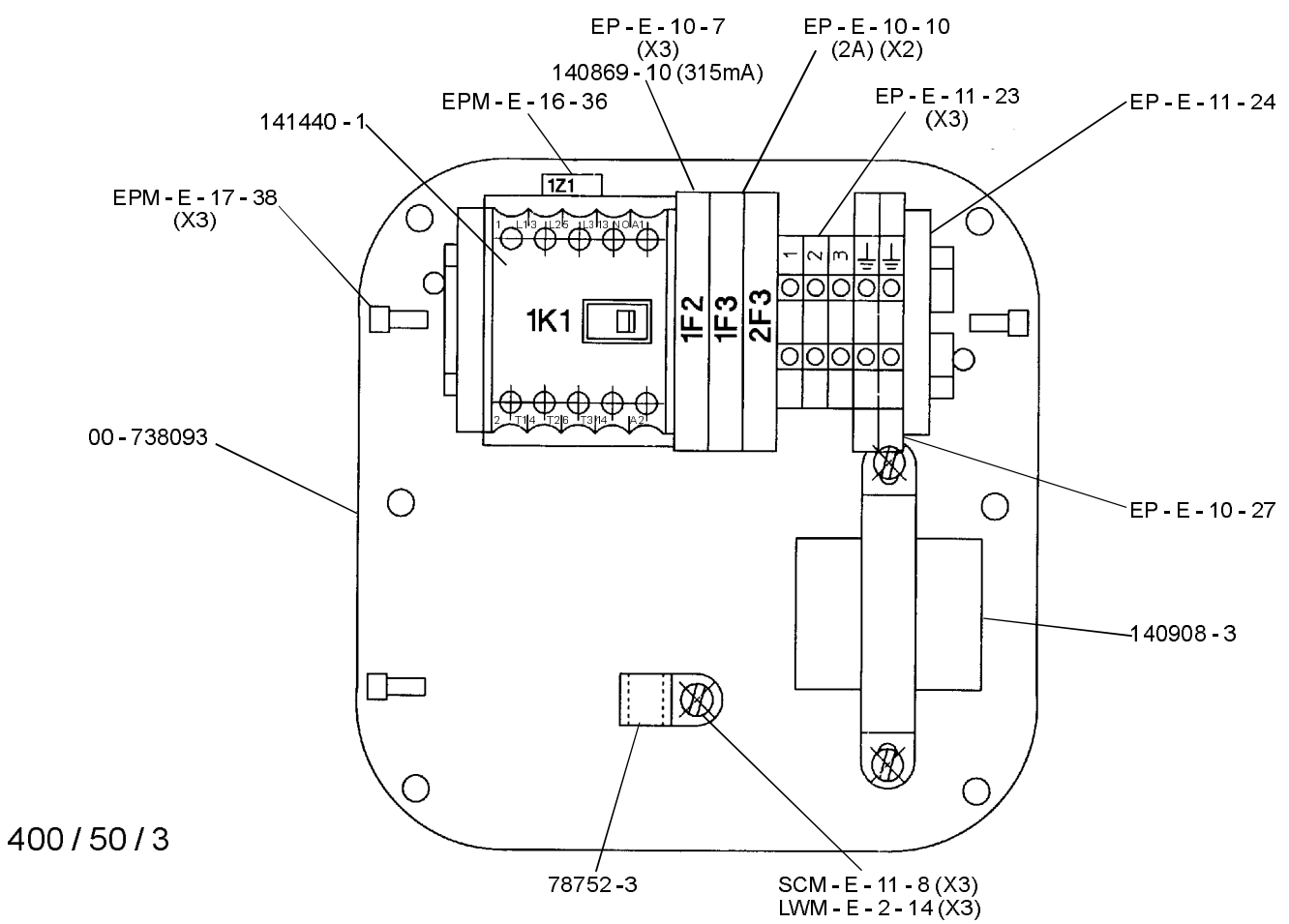
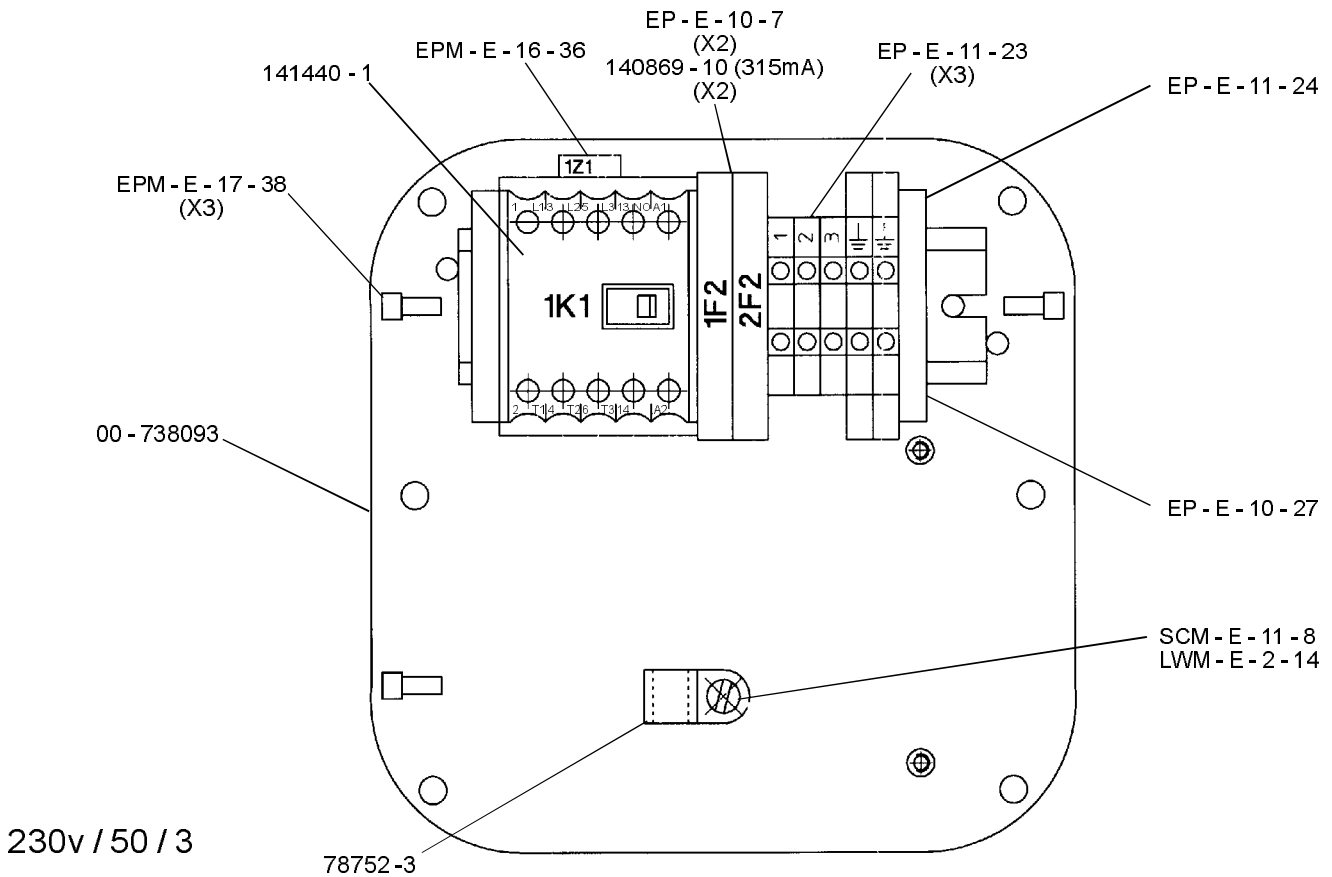
230v / 50 / 1



400 / 50 / 3 + N

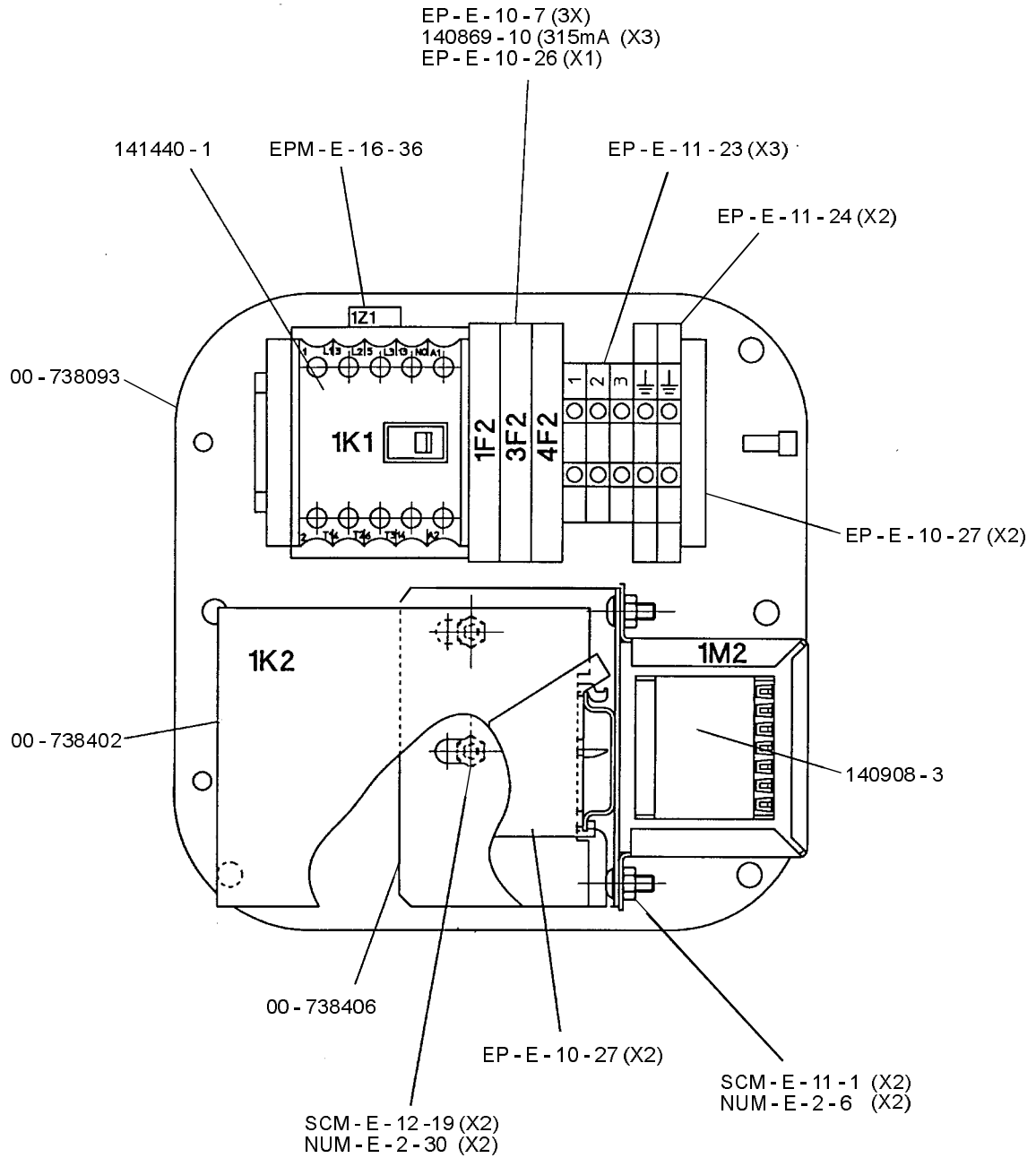
Electrical Parts (230v/50/3 & 400/50/3)
Auxiliares eléctricas
Electroteile

A200N



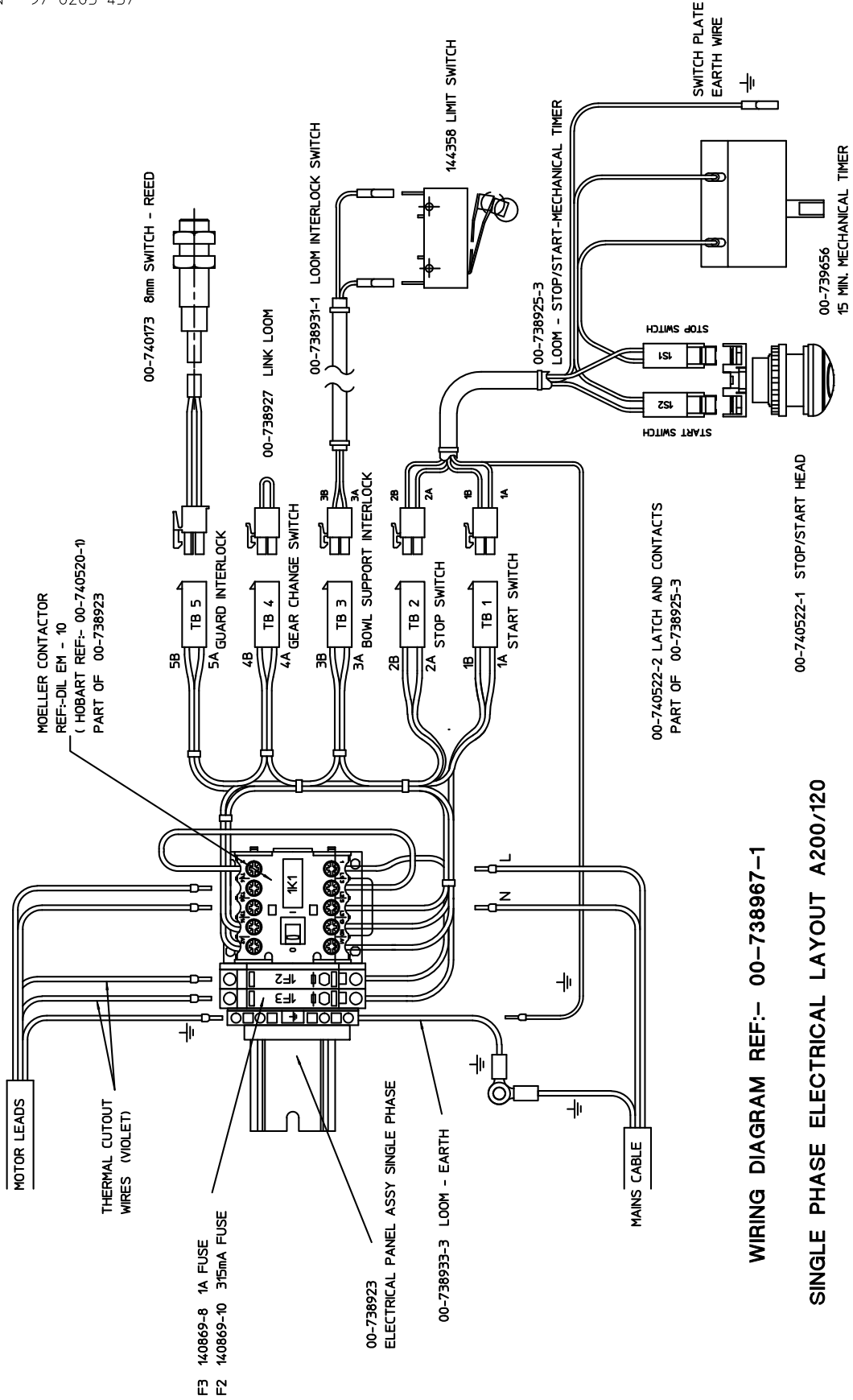


Electrical Parts (400/50/3 GERMAN) Auxiliares eléctricas Electroteile



400/50/3 (GERMAN)

FROM THE FOLLOWING SERIAL No
A120/200N 97 0205 457

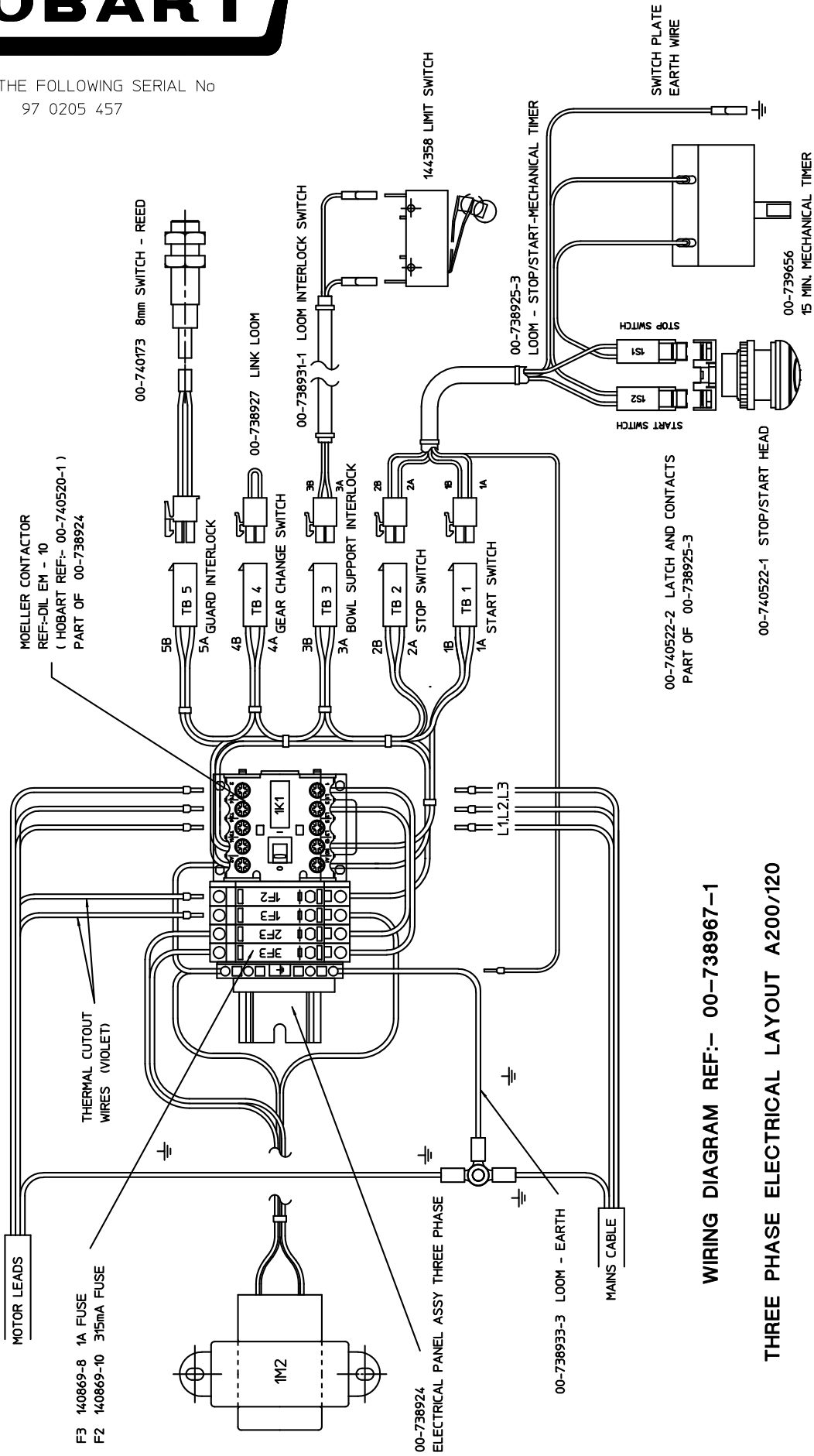


WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

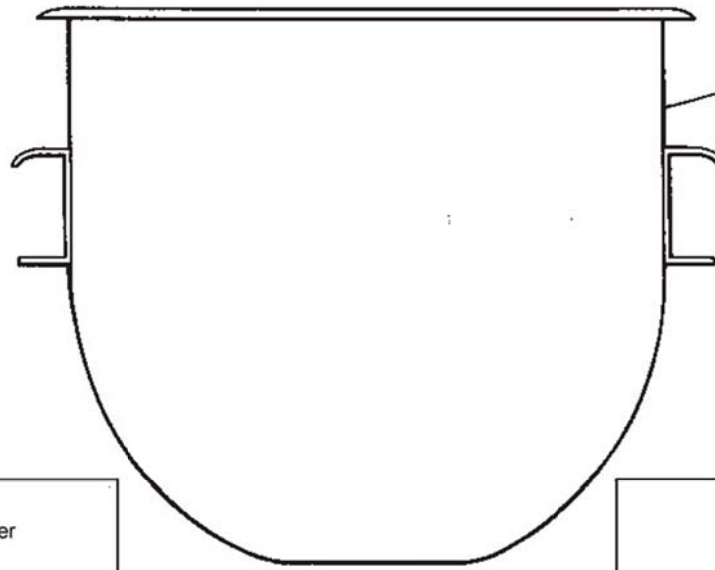
HOBART

FROM THE FOLLOWING SERIAL No
A200N 97 0205 457



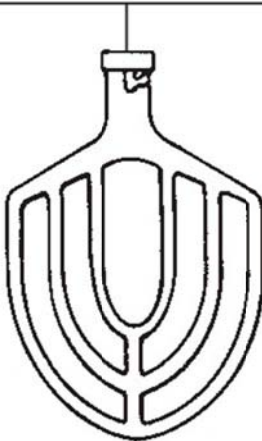
WIRING DIAGRAM REF:- 00-738967-1

THREE PHASE ELECTRICAL LAYOUT A200/120



62104 20qt
00-738450 10qt

23126 20Lt "B" Beater
136915 10Lt "B" Beater
275559 20Lt "B" Beater ST.ST
136915-1 10Lt "B" Beater ST.ST



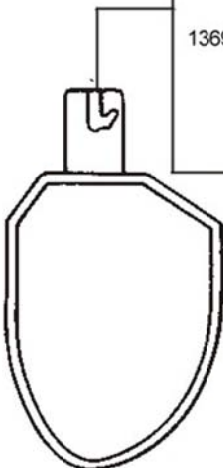
40293 20Lt "ED" Hook



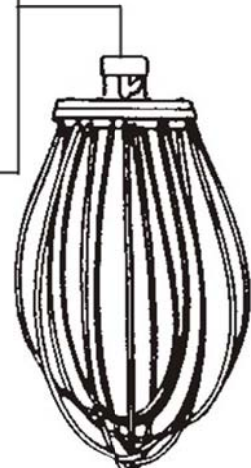
136912 10Lt "E" Hook



74286 20Lt "PK" Pastry knife
136914-2 10Lt "PK" Pastry knife ST.ST



23511-M 20D Whip
140249 10D Whip

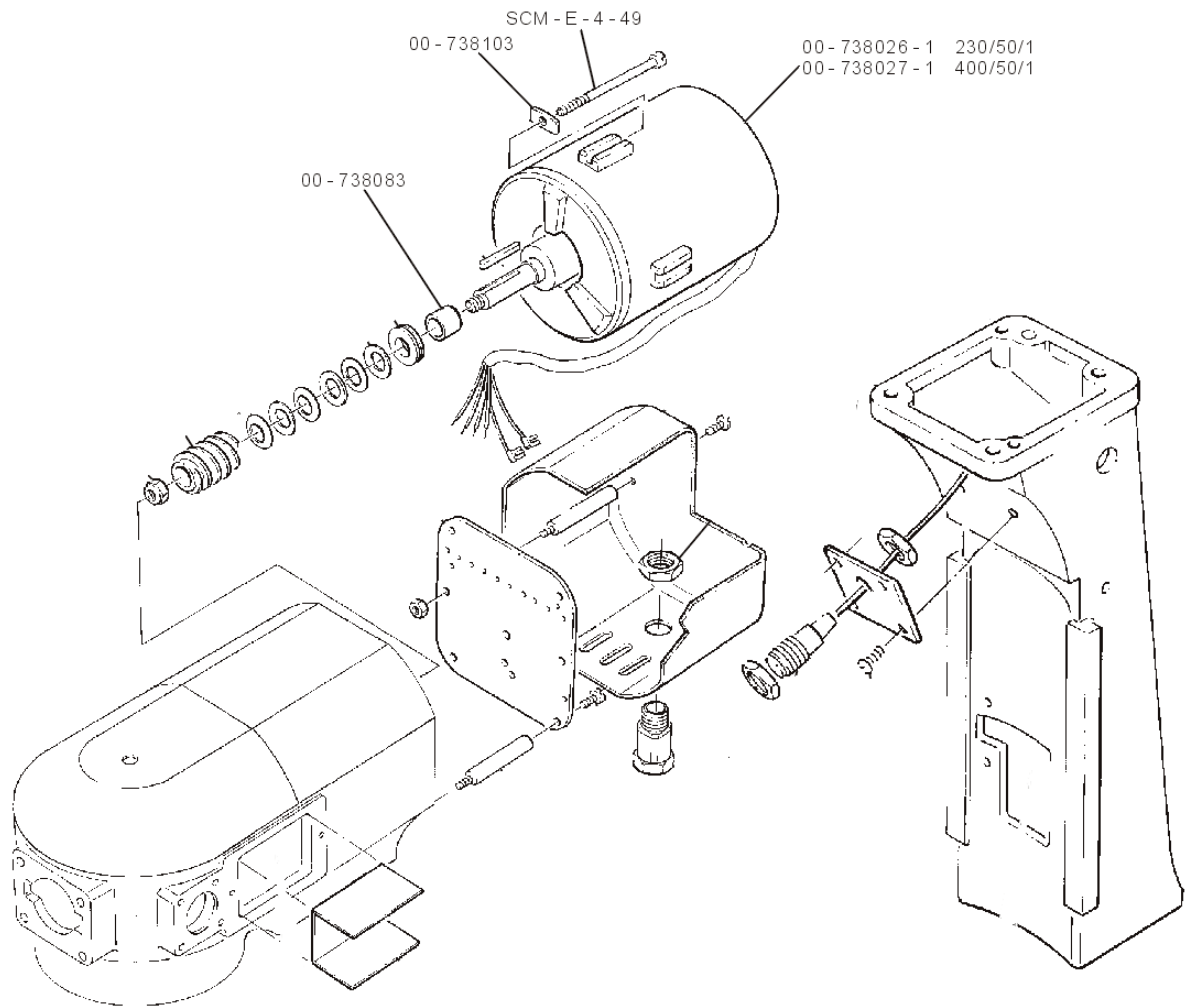




Electrical parts
Pièces Electriques
Elektoteile

A200N

Before serial No 97 0180 587 1PH 97 0180 876 3PH

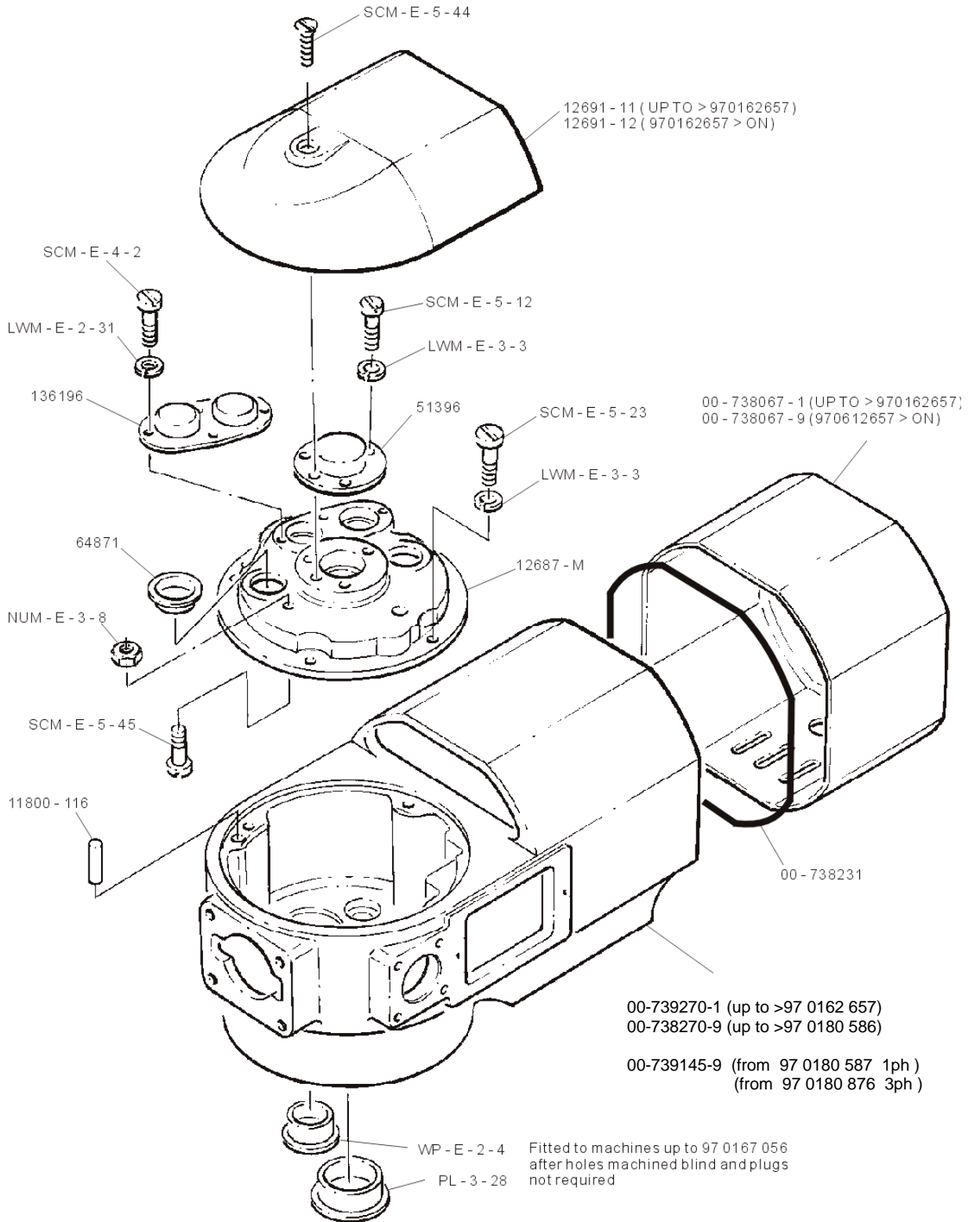


Appendix 1



**Transmission case
Boîte de Vitesses
Antriebsgehäuse**

A200N

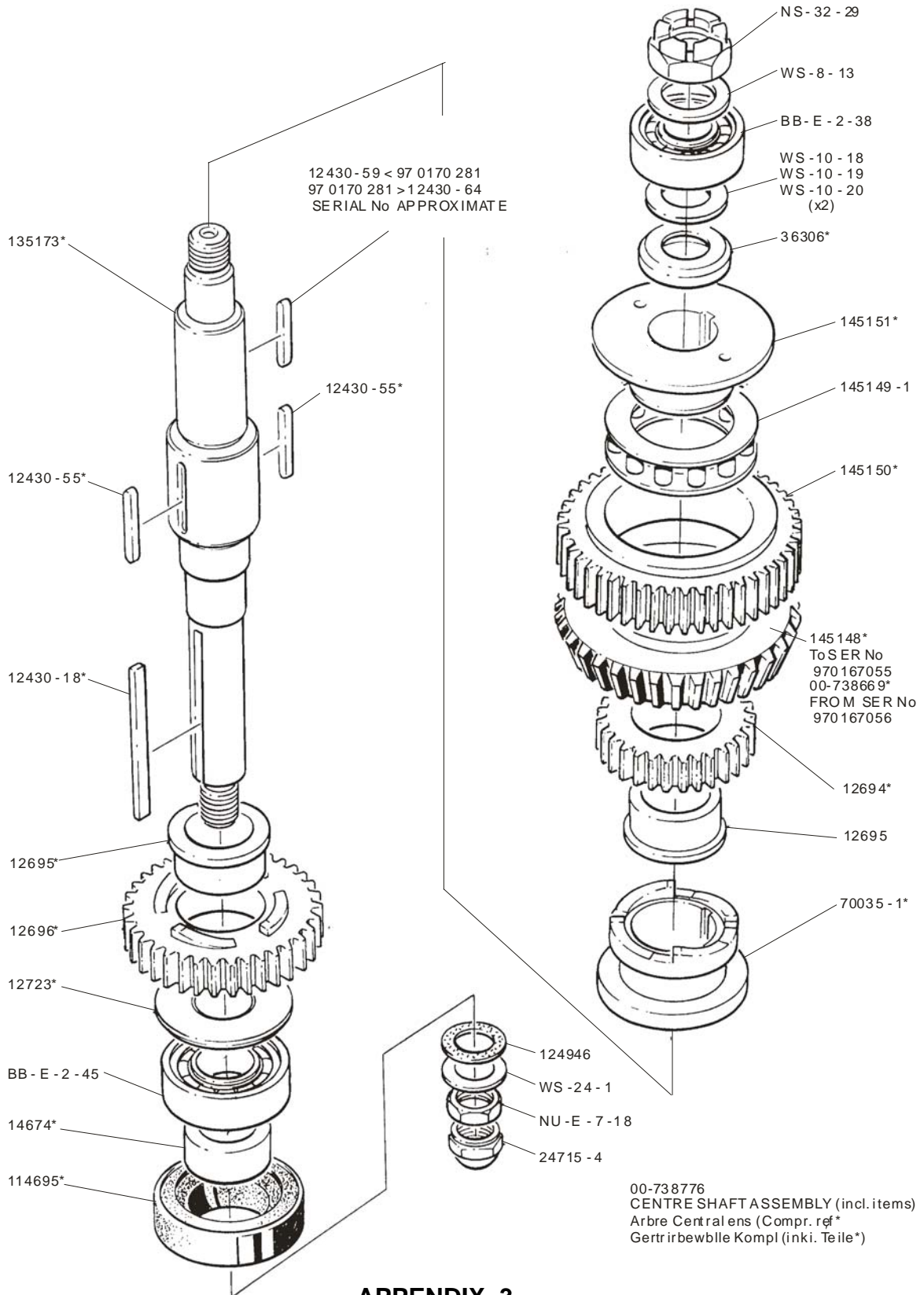


APPENDIX 2

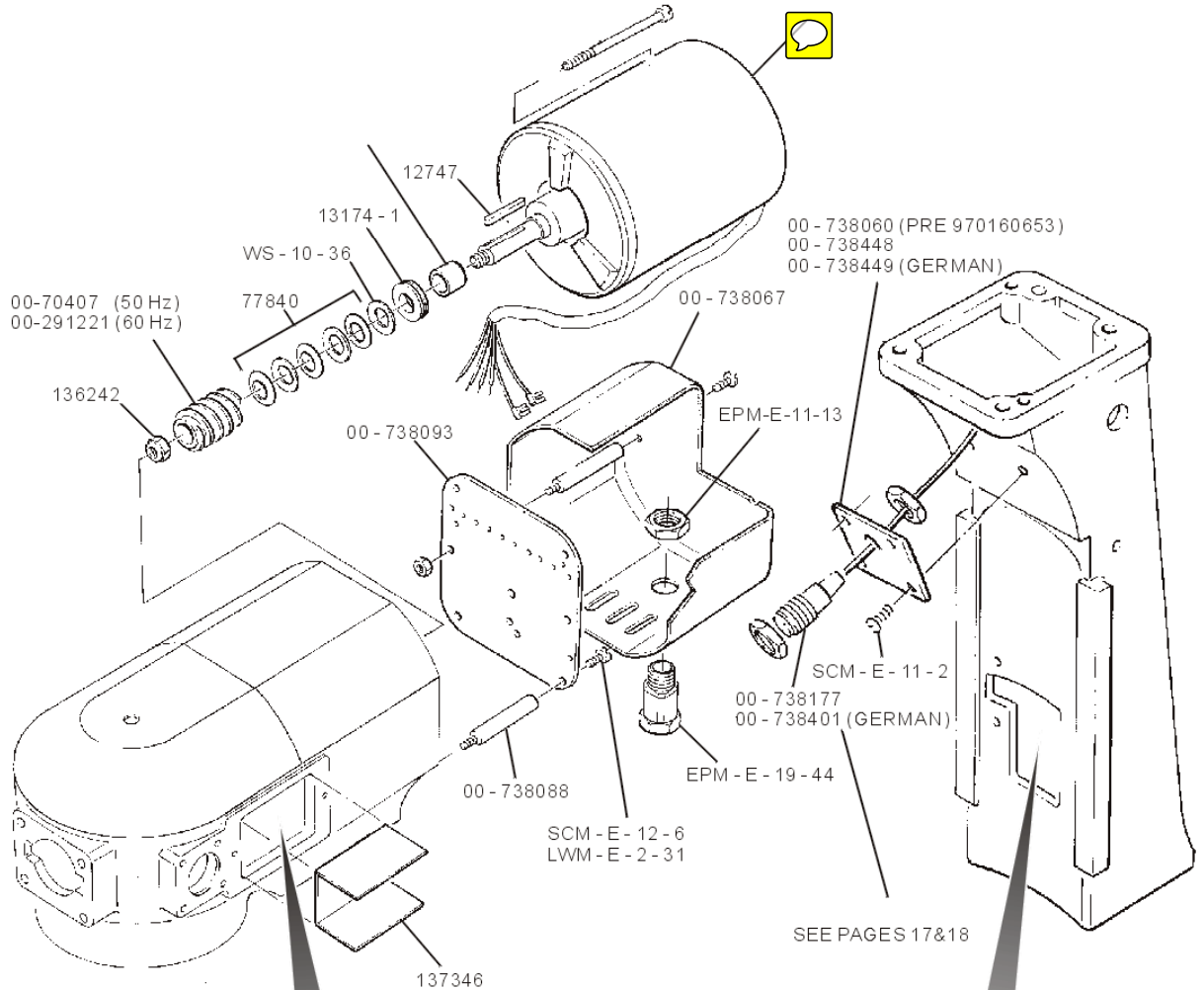


Transmission case
Boîte de Vitesses
Antriebsgehäuse

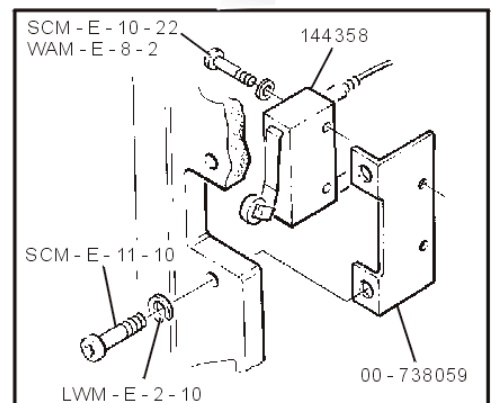
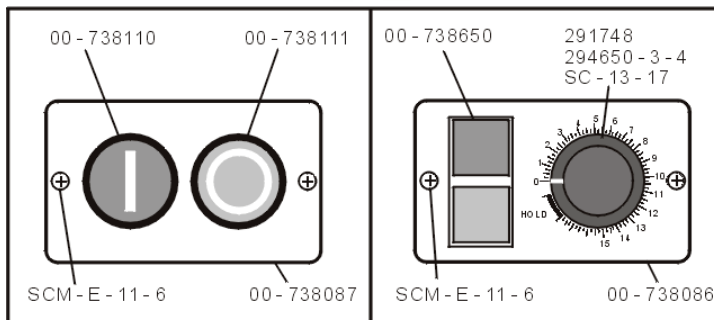
A200N



APPENDIX 3



Switch plates
before serial No 97 0190 519



ENGINEERING TECHNICAL INSTRUCTION.**Title: Replacement motor kit; A120N AND A200N mixers.****Models: A120N-B1E, A120N-B1HE, A120N-F1E, A120-F1HE /A200N-B1E, A200N-B1HE, A200N-F1E, A200-F1HE single phase planetary mixers.****Service kit numbers: 00-741210 and 00-741214, see section 2 for serial numbers details.**

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE COMMENCING WORK

1. SAFETY INFORMATION

The procedures and precautions contained in this instruction are understood to apply to the mixer only when it is used in the prescribed manner.

If the machinery is used other than in the recommended manner, the operator will be responsible for his/her own safety and for the safety of the other persons who may be involved.

The information in this instruction has been prepared to assist the service technician. In order to prevent accidents, read, understand and follow all the precautions and warnings contained in this document before commencing work.

1.1 SAFETY GUIDELINES.

- Ensure sufficient precautions are observed during manually handling of the mixer.
- Do not remove any covers or loosen any fittings whilst the machine is operating.
- Ensure the electrical supply has been isolated before attempting to work on the mixer.
- Electrical machinery is potentially hazardous and may cause injury if sufficient precautions are not taken prior to operating or servicing the machine.

1.2 WARNING SYMBOLS.

To identify the safety messages in this instruction, the following symbols have been used



The "Warning" symbol is found primarily where the corresponding information is important for the safe use and servicing of the mixer.



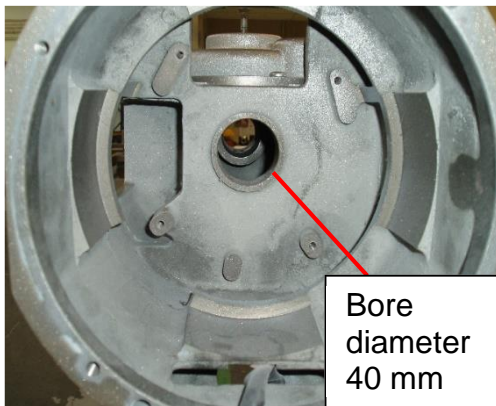
The electrical hazard symbol is used when there are risks of an electrical nature. Prior to servicing the machinery, always disconnect the power cable from the mains supply.

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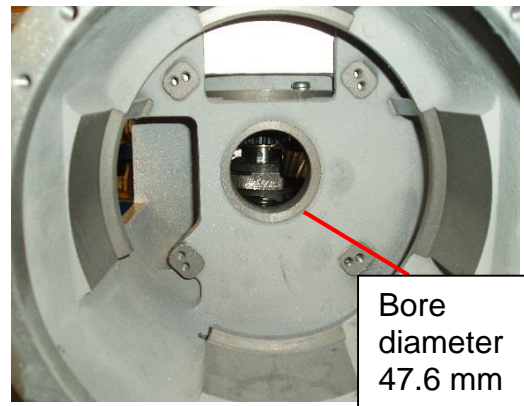
2. MIXER IDENTIFICATION AND SERIAL NUMBER BREAK.

2.1 TYPE OF TRANSMISSION CASE/MOTOR HOUSING.

Three types of cast iron transmission cases/motor housings have been used on the A120 and A200 as the mixer has developed over the years. This ETI is only concerned with the two most recent as described below. Photographs 1 and 2 show the two types. Photograph 1 with a motor location bore of 40 mm and photograph 2 is the existing design with a bore of 47.6 mm. Two motor service kits are available depending on the type of transmission case used (bore size). The mixer serial numbers are summarised in section 2.2.



Photograph 1. Transmission case used on mixers prior to serial number: 97 0209 758

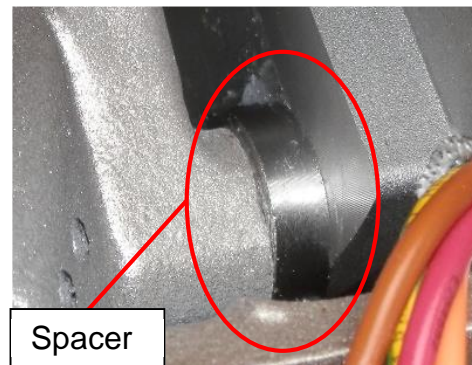


Photograph 2. Transmission case used on mixers with serial number 97 0209 759 inclusive and onwards.

The type of transmission case can also be determined by the use of spacers fitted under the motor drive end flange. If the start/stop switch plate is removed from the mixer, see photograph 10, the spacers can be seen as shown in photographs 3 and 4. If spacers are fitted, kit number 00-741210 is required. If no spacers are fitted, kit number 00-741214 is required.



Photograph 3.
No Motor spacer; kit 00-741214.



Photograph 4.
Motor spacer; kit 00-741210

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2.2 00-739261-1 MOTOR TYPES.

Two styles of motor have been used on the A120/200 mixer as shown below in photographs 5 and 6. These have been fitted to both types of transmission case shown in photographs 1 and 2. Motors fitted to the transmission case with the 47.6 mm bore also used an adaptor sleeve is fitted to the central spigot of the motor and 4 off spacers under the mounting studs.



Photograph 5. Externally cooled cast aluminium motor.



Photograph 6. Internally cooled rolled steel shell motor (painted black or blue).

The motor supplied in the kits is known as the 'universal' motor because it is designed to cover a large voltage range and 50 & 60 Hz electrical supplies. The motor is more powerful than the original (450 watts compared with 370 watts) but also has a greater efficiency. Therefore the full load current is very similar.

2.3 SERIAL NUMBER BREAK POINTS.

Kit number 00-741214 is used on A120/A200 mixers with the smaller 40 mm diameter location hole for serial numbers:

A120: 97 0180 587 to 97 0209 976 inclusive
A200: 97 0180 588 to 97 0209 758 inclusive

Kit number 00-741210 is used on A120/A200 mixers with the larger 47.6 mm diameter location hole for serial numbers:

A120: 97 0209 977 to 97 0221 379 inclusive
A200: 97 0209 759 to 97 0221 027 inclusive

A120 mixers with a serial number 97 0221 380 inclusive and onwards are fitted with the universal motor (Hobart part number: 00-740801-1) and do not require a kit.

A200 mixers with a serial number 97 0221 028 inclusive and onwards are fitted with the universal motor (Hobart part number: 00-740801-1) and do not require a kit.

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**2.4 SUMMARY OF A120/A200 MOTOR KITS.**

Item	Motor kit part number	Bore size (photo 1 & 2)	Motor spacer	Serial numbers
1	00-741210	47.6 mm	Yes	A120: 97 0209 977 to 97 0221 379 inclusive A200: 97 0209 759 to 97 0221 027 inclusive
2	00-741214	40 mm	No	A120: 97 0180 587 to 97 0209 976 inclusive A200: 97 0180 588 to 97 0209 758 inclusive
3	00-740801-1 (motor only)	47.6 mm	No	A120: 97 0221 380 inclusive A200: 97 0221 028 inclusive and onwards

3. MOTOR KIT CONTENTS.**3.1 00-741210 KIT PARTS LIST**

The kit contains the following parts:

Item	Part number	Description	Qty
1	00-740801-1	MOTOR - UNIVERSAL 230/50/1	1
2	00-738984	MOUNTING PANEL SUB-ASSY	1
3	00-741135-1	LOOM - EARTH - 160mm	1
4	00-741136-1	LOOM - CAPACITOR - BLUE-185mm	2
5	00-741136-2	LOOM - CAPACITOR - BROWN	2
6	00-741137-1	LOOM - START RELAY - BLUE	1
7	00-741137-2	LOOM - START RELAY - BROWN	1
8	00-741139	NUT - UNIVERSAL MOTOR	1
9	00-741120-3	LEVER CONNECTOR - 3 WAY	2
10	LWM-E-2-35	LOCK WASHER M5	3
11	SCM-E-12-6	M5 HEXAGON HEADED SCREW	2
12	18411131	12mm SLEEVE 75 mm LONG	1
13	18411131	12mm SLEEVE 180 mm LONG	1
14	EP-E-1-37	CABLE TIE 4.8 X 270	4
15	GS-E-2-1	GROMMET PVC BLACK	2
16	EPM-E-12-29	6.35 mm (1/4") PRE-INSULATED TERMINAL	1
17	00-738967-1	WIRING DIAGRAM A200/A120	1
18	00-741242-1 & -2	DATA LABEL	1
19	ETI-PC-533	TECHNICAL INSTRUCTIONS	1
20	00-741244	BOX-PACKING	1
21	00-739168	FOAM BLOCK	1
22	SU-E-25-42	POLY BAG	1
23	23544116	POLY BAG	1
24	SU-E-24-44	BUBBLE WRAP	1 MT
25	00-741044-12	LABEL-KIT	1

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3.2 00-741214 KIT PARTS LIST

The kit contains the following parts:

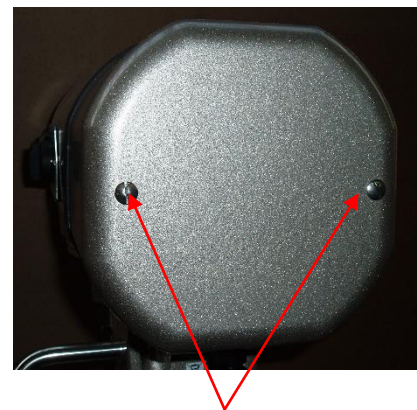
Item	Part number	Description	Qty
1	00-741237-1	MOTOR - UNIVERSAL 230/50/1	1
2	00-738984	MOUNTING PANEL SUB-ASSY	1
3	00-741135-1	LOOM - EARTH - 160mm	1
4	00-741136-1	LOOM - CAPACITOR - BLUE-185mm	2
5	00-741136-2	LOOM - CAPACITOR - BROWN	2
6	00-741137-1	LOOM - START RELAY - BLUE	1
7	00-741137-2	LOOM - START RELAY - BROWN	1
8	00-741139	NUT - UNIVERSAL MOTOR	1
9	00-741120-3	LEVER CONNECTOR - 3 WAY	2
10	LWM-E-2-35	LOCK WASHER M5	3
11	SCM-E-12-6	M5 HEXAGON HEADED SCREW	2
12	18411131	12mm SLEEVE 75 mm LONG	1
13	18411131	12mm SLEEVE 180 mm LONG	1
14	EP-E-1-37	CABLE TIE 4.8 X 270	4
15	GS-E-2-1	GROMMET PVC BLACK	2
16	00-738967-1	WIRING DIAGRAM A200/A120	1
17	EPM-E-12-29	6.35 mm (1/4") PRE-INSULATED TERMINAL	1
18	00-741242-1 & -2	DATA LABEL	1
19	ETI-PC-533	TECHNICAL INSTRUCTIONS	1
20	00-741244	BOX-PACKING	1
21	00-739168	FOAM BLOCK	1
22	SU-E-25-42	POLY BAG	1
23	23544116	POLY BAG	1
24	SU-E-24-44	BUBBLE WRAP	1 MT
25	00-741044-13	LABEL-KIT	1

4. FITTING THE MOTOR KIT.

4.1 REMOVING THE MOTOR FROM THE MIXER.



- Isolate the mixer from the electrical supply. Remove the plug where fitted. Lock the isolator and display a suitable warning notice not to energise the electricity supply.
- Remove the 2 pan head screws and withdraw the rear cover.
- Disconnect the motor supply wires, earth connection and thermal cut out wires from the terminal block and contactor. Note their position for re-assembly.
- Remove the earth wire from the transmission case and disconnect the two-way plugs.

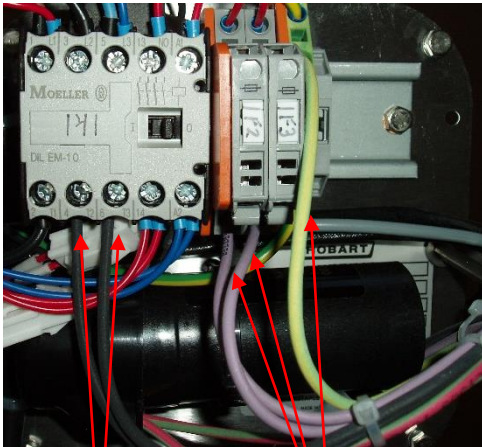


2 off rear cover screws.

Photograph 7. Motor end cover mounting screws.

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- Unscrew the 4 off hexagon headed screws securing the electrical panel to the pillars and remove the electrical panel.
- Unscrew the hexagon pillars.
- Remove the timer plate.



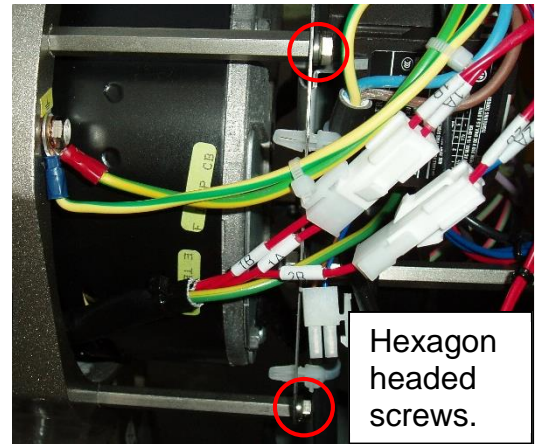
Motor wires

Motor wires;
Thermal over
load and earth.

Photograph 8.
Electrical panel.

- Remove the lock nut, worm, Belleville spring washers, oil flinger, spacer and key.
- Fit to the new motor using the M12 lock nut (00-741139) supplied in the kit. Discard the spacer since this is not required see to photograph 11. Use a 4mm hexagon Allen key on the non drive end of the motor shaft to prevent rotating when tightening the lock nut.

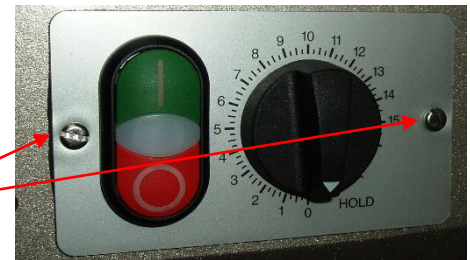
- Unscrew the 4 off through motor tie bolts and carefully pull the motor from the transmission case housing. Lever the drive end flange through the timer aperture if necessary.



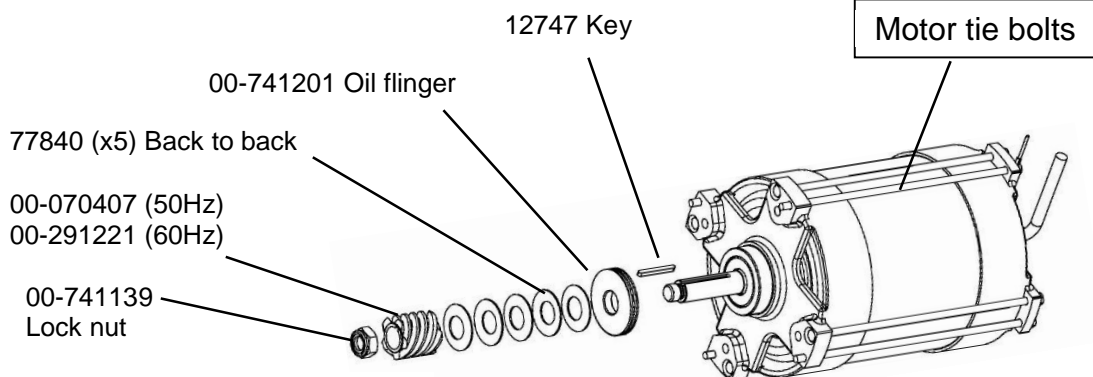
Hexagon headed screws.

Photograph 9. Earth connection and plugs.

Photograph 10.
Timer plate and mounting screws.




Timer plate mounting screws.




Photograph 11. Motor and worm assembly.

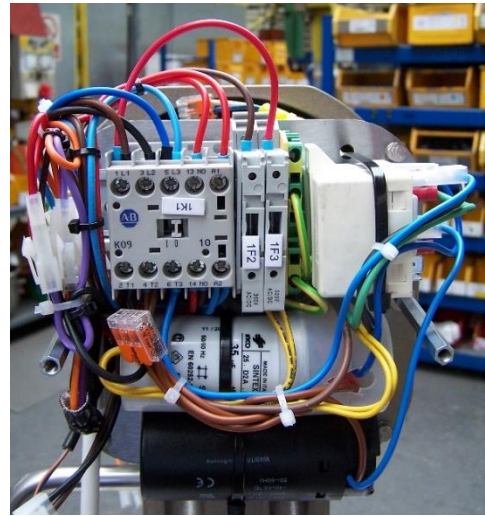
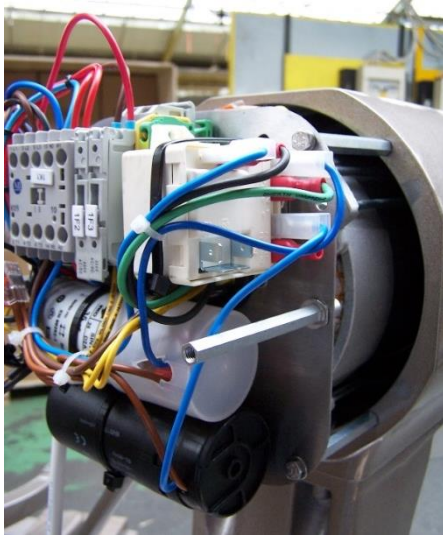
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- Offer the motor up the the transmission case. Ensure the motor wires are orientated to the bottom. Align one of the through bolts with the tapped hole nearest to the timer aperature and fit the remaining bolts. Tighten each through bolt in a diagonal sequence, a bit at a time and ensure the motor is pulled up square. Tighten to a torque of 5.5 N-m. 
- Replace the hexagon pillars and mount the electrical panel from the kit. Remove the DIN rail with the terminals and contactor etc. from the existing panel and fit to the new panel.

Item	Description	Wire part number	Wire colour	Route from	Route to
1	Motor wires	Not applicable	Red, white & blue	Motor	3 way lever connector (first)
2	Motor wire	Not applicable	Black	Motor	Position 5 on relay
3	Motor wire	Not applicable	Green	Motor	Position 2 on relay
4	Motor wire	Not applicable	Green	Motor	Position 4/T2 on contactor
5	Loose wire	00-741137-2	Brown	3 way lever connector (second)	Position 4/T2 on contactor
6	Loose wire	00-741136-2	Brown	3 way lever connector (second)	Run capacitor
7	Loose wire	00-741136-2	Brown	3 way lever connector (second)	Start capacitor
8	Loose wire	00-741136-1	Blue	Position 2 on relay	Run capacitor
9	Loose wire	00-741136-1	Blue	Position 1 on relay	Start capacitor
10	Loose wire	00-741137-1	Blue	Position 5 on relay	Position 6/T3 on contactor
11	Pre-insulated terminal	EPM-E-12-29	Not applicable	Position 1 on relay	

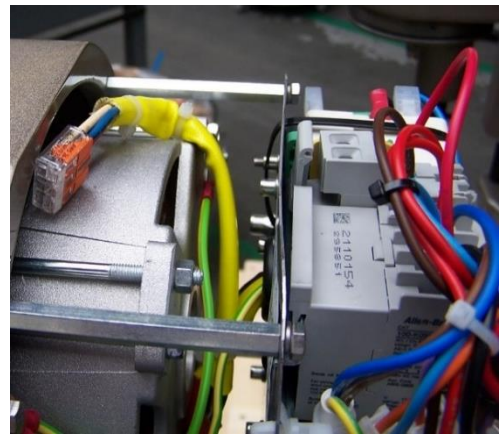
- Connect the earth wire and the motor earth conections, fit the start relay and capacitors from the kit. **Note** the orientation of the relay shown in photograph 12. Connect the motor cables, plugs and sockets. Refer to the mixer wiring layout shown on page 8, wiring diagram on page 9 and photographs 12, 13 and 14 for the correct connections. 

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Photographs 12, 13 and 14. Electrical control panel complete with electro mechanical start relay, start capacitor and run capacitor.

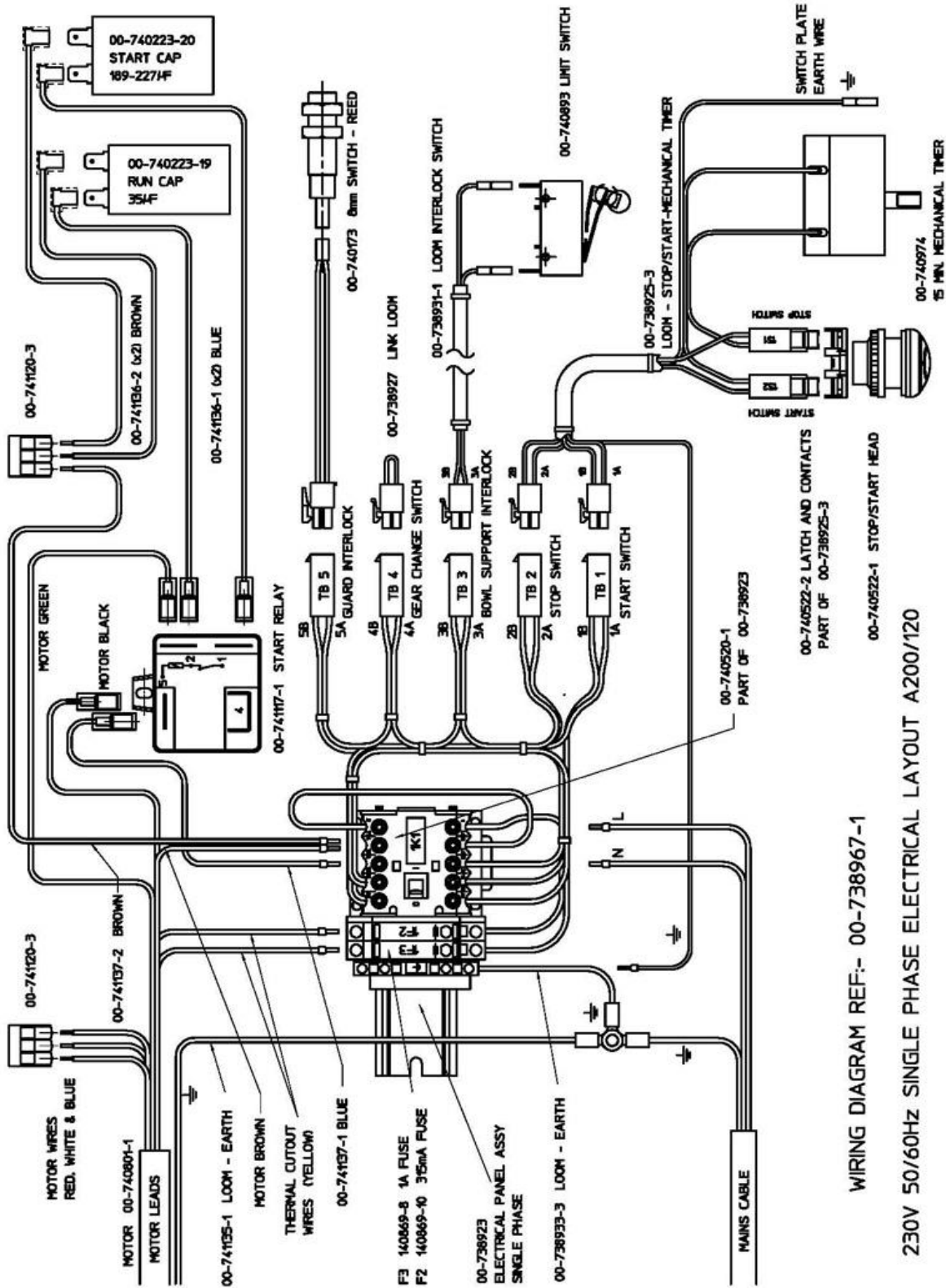
- Fit the timer plate and end cover.



- Adhere the correct data label for the mixer type to the rear of the pedetal, below the existing data label.
- Perform the electrical safety checks and record the values on the service check sheet.
- Check the earth continuity is less than 0.1 Ω and the insulation resistance is greater than 1 M Ω .
- Run the mixer in all gears to check the operation.

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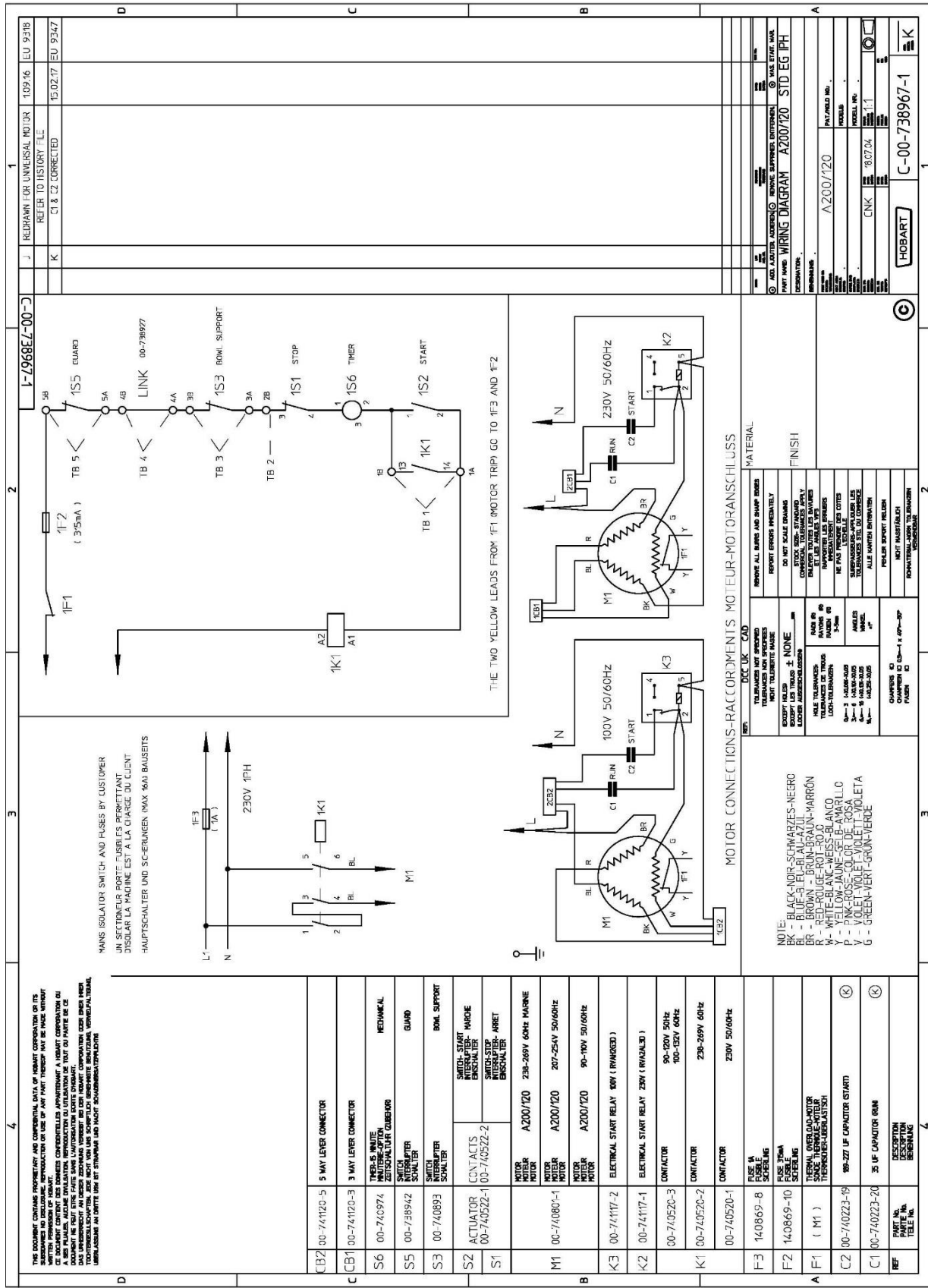
ELECTRICAL LAYOUT



WIRING DIAGRAM REF:- 00-738967-1

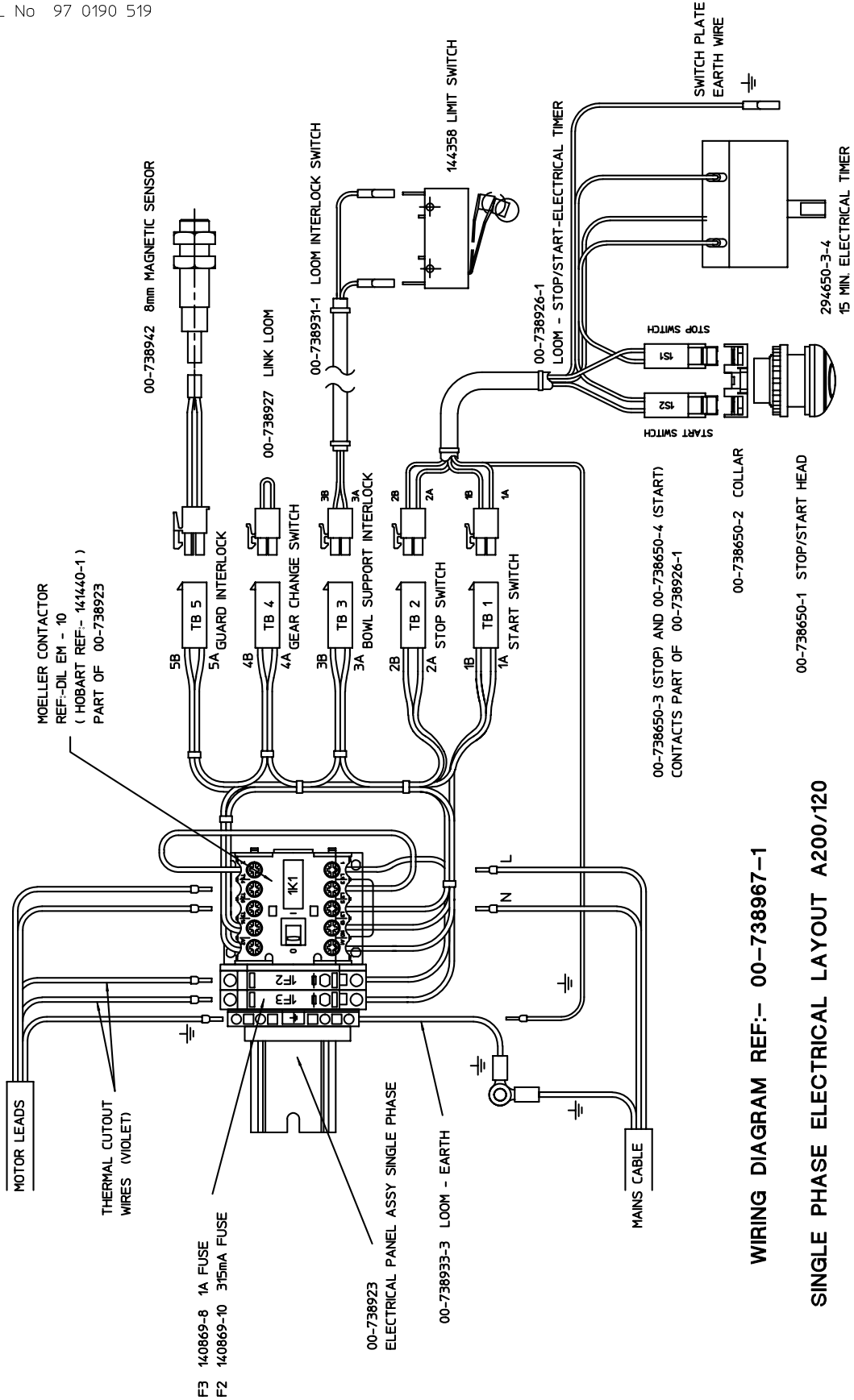
230V 50/60Hz SINGLE PHASE ELECTRICAL LAYOUT A200/120

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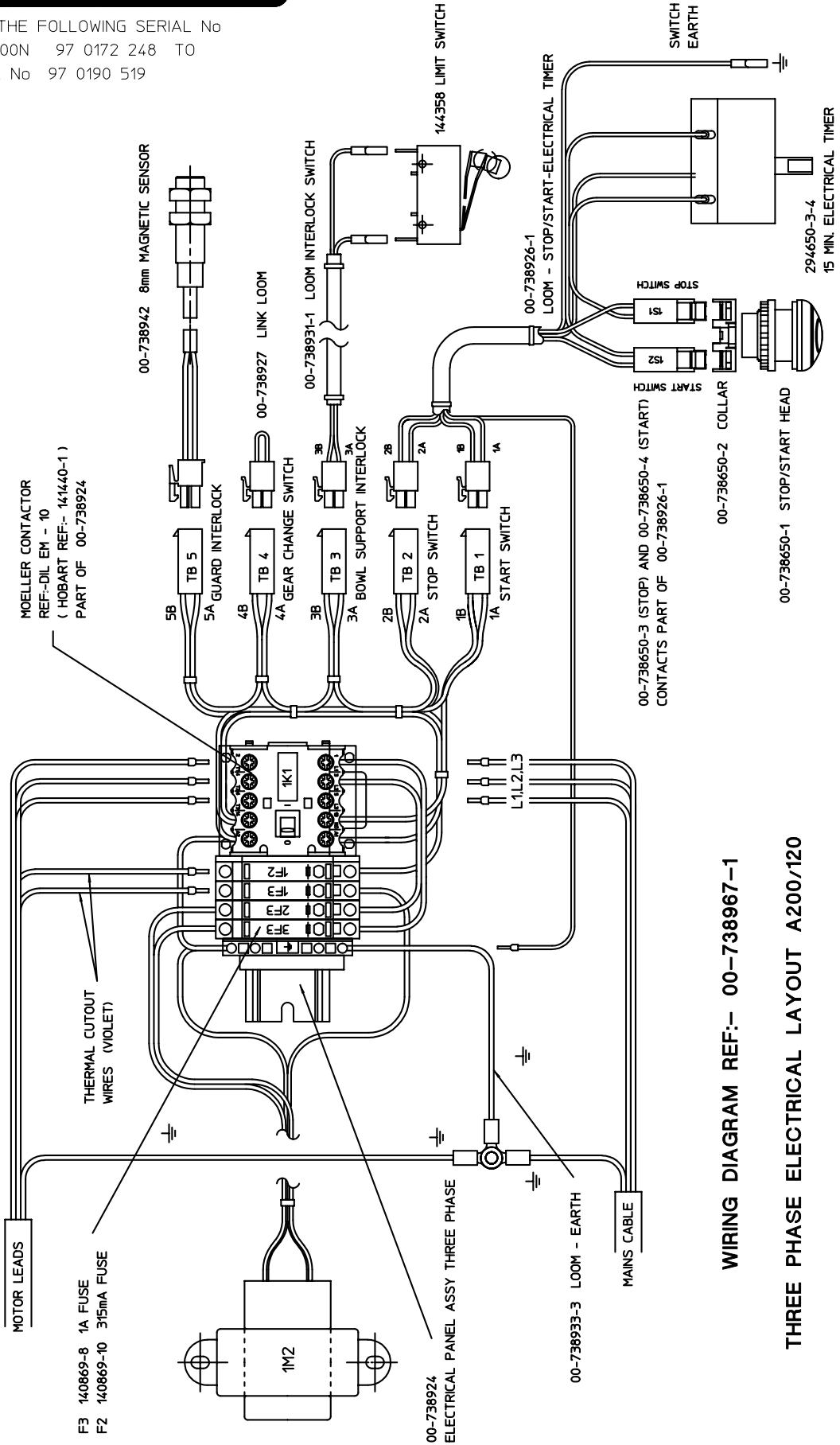
FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 672
 TO SERIAL No 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

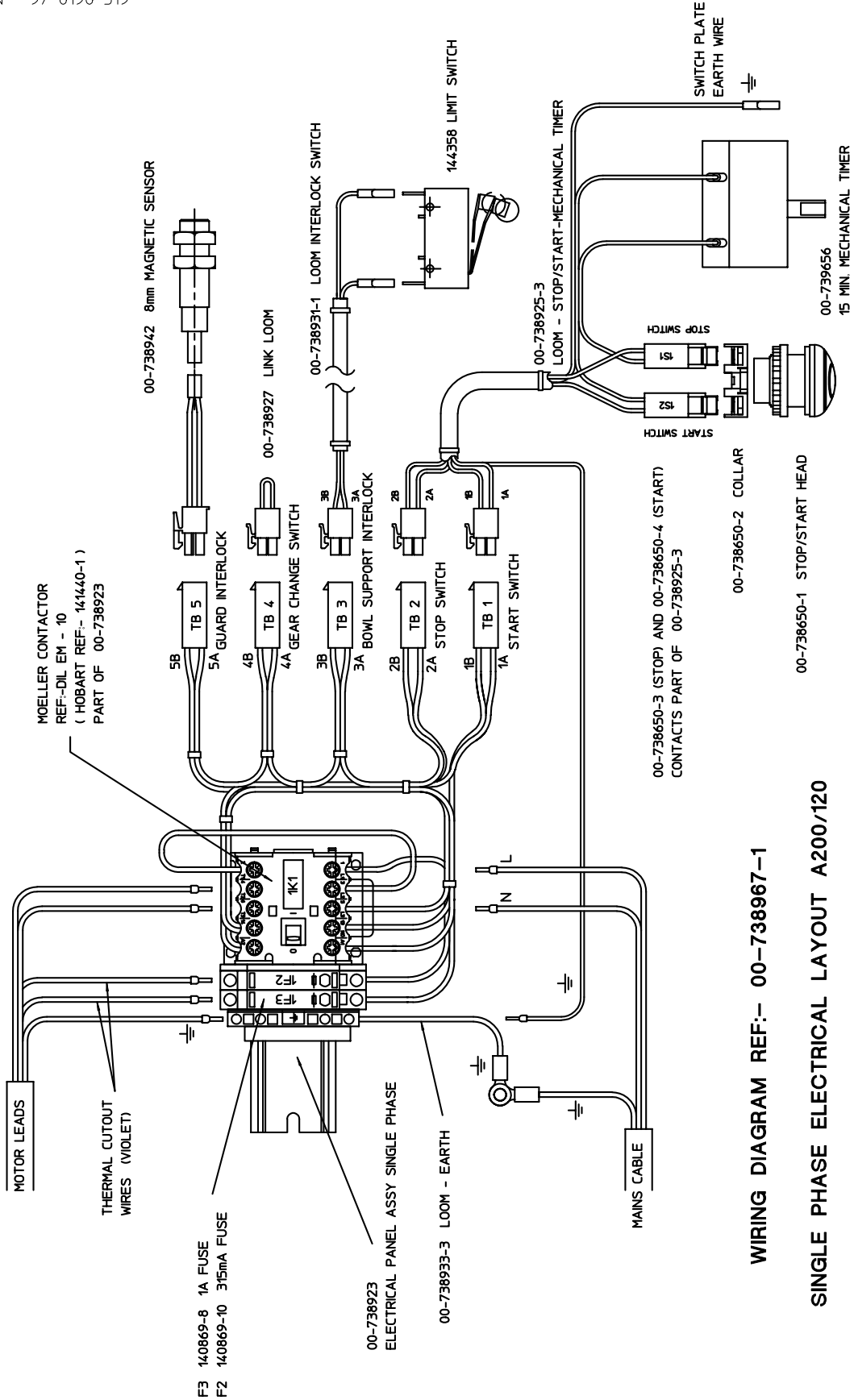
FROM THE FOLLOWING SERIAL No
 A120/200N 97 0172 248 TO
 SERIAL No 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

THREE PHASE ELECTRICAL LAYOUT A200/120

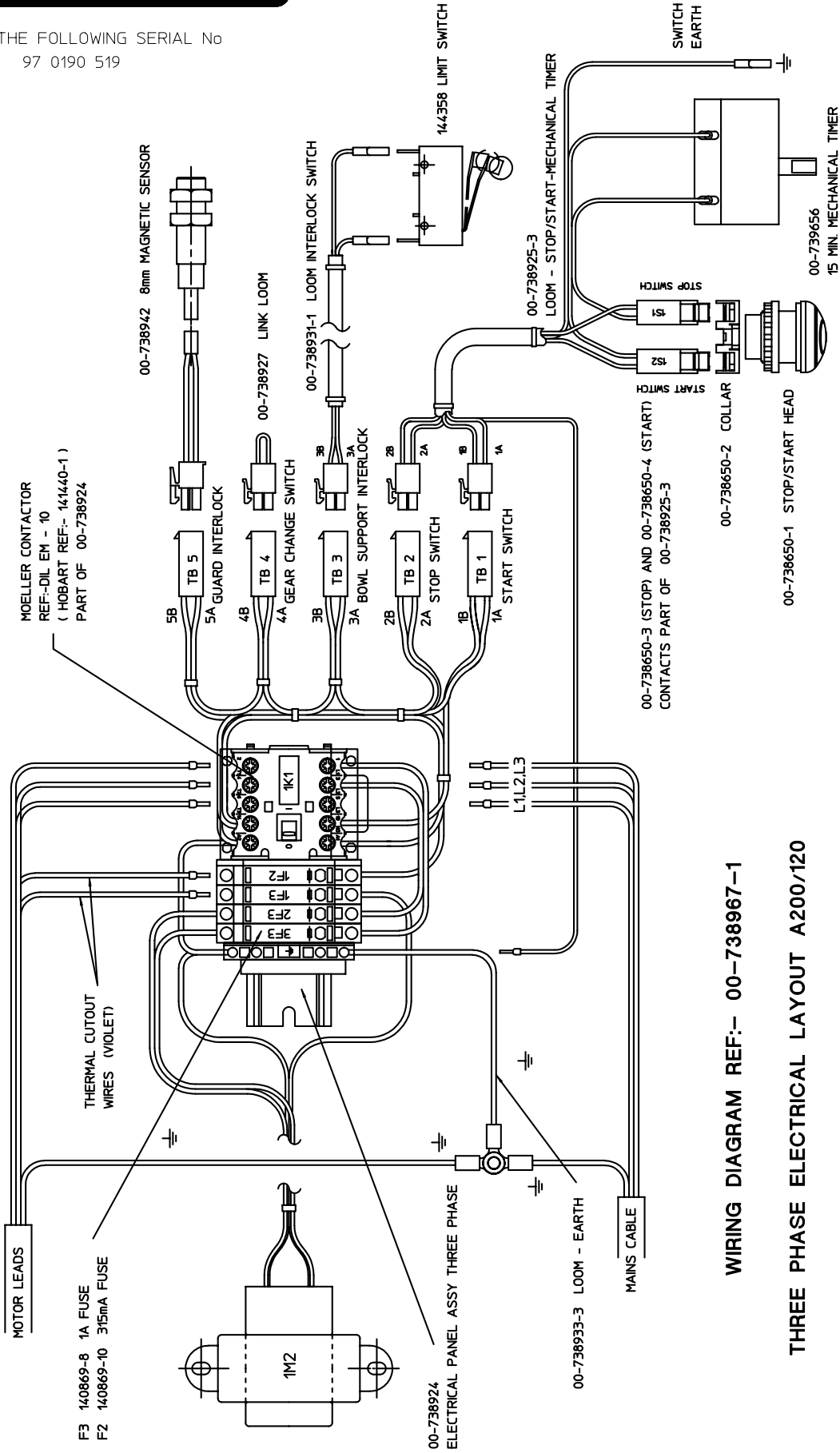
FROM THE FOLLOWING SERIAL No
A120/200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

SINGLE PHASE ELECTRICAL LAYOUT A200/120

FROM THE FOLLOWING SERIAL No
A200N 97 0190 519



WIRING DIAGRAM REF:- 00-738967-1

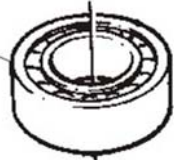
THREE PHASE ELECTRICAL LAYOUT A200/120

**Transmission Shaft
Arbre Intermédiaire
Antriebswelle**

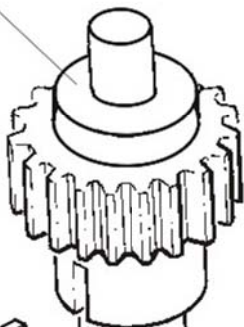
A200N

Note NU-E-5-19 nut and
thread on shaft 00-738102
removed from machines
after 97 0167 675

BB-E-2-29



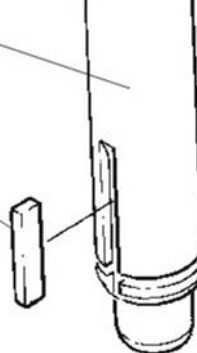
12744
incorporated
into the shaft
00-738102



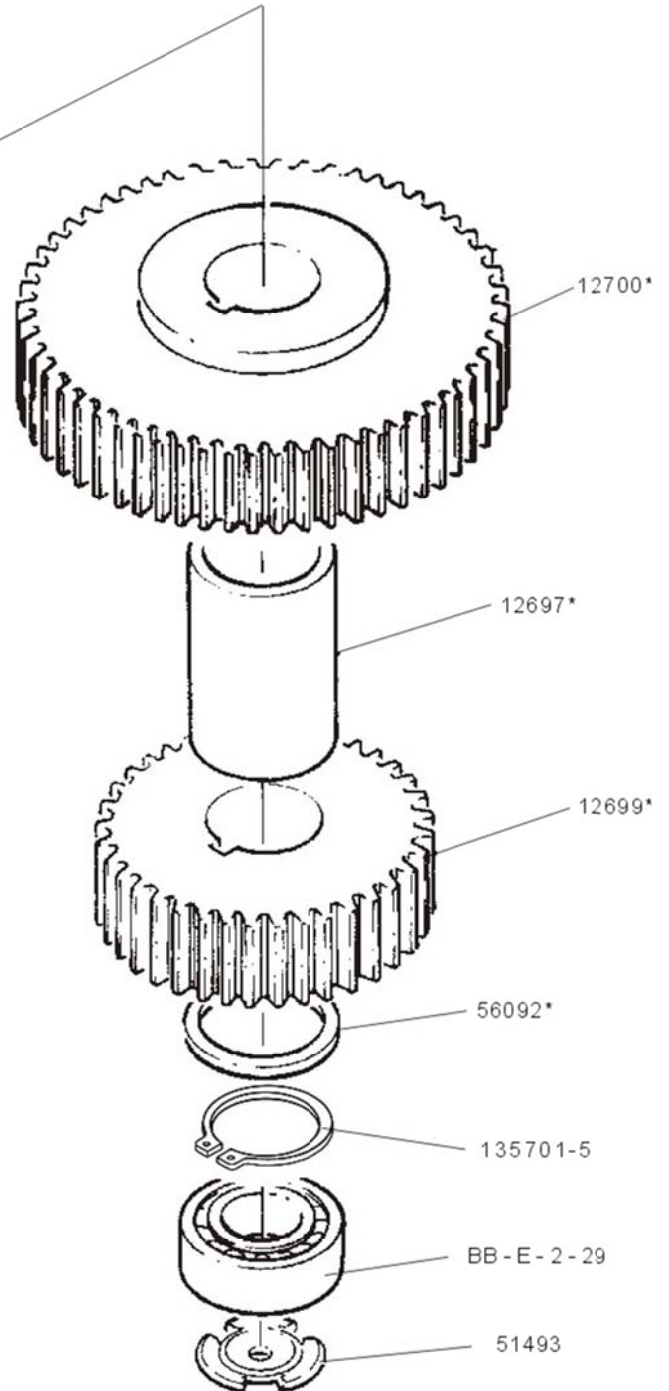
109070 - 18*



00 - 738102



109070 - 18*

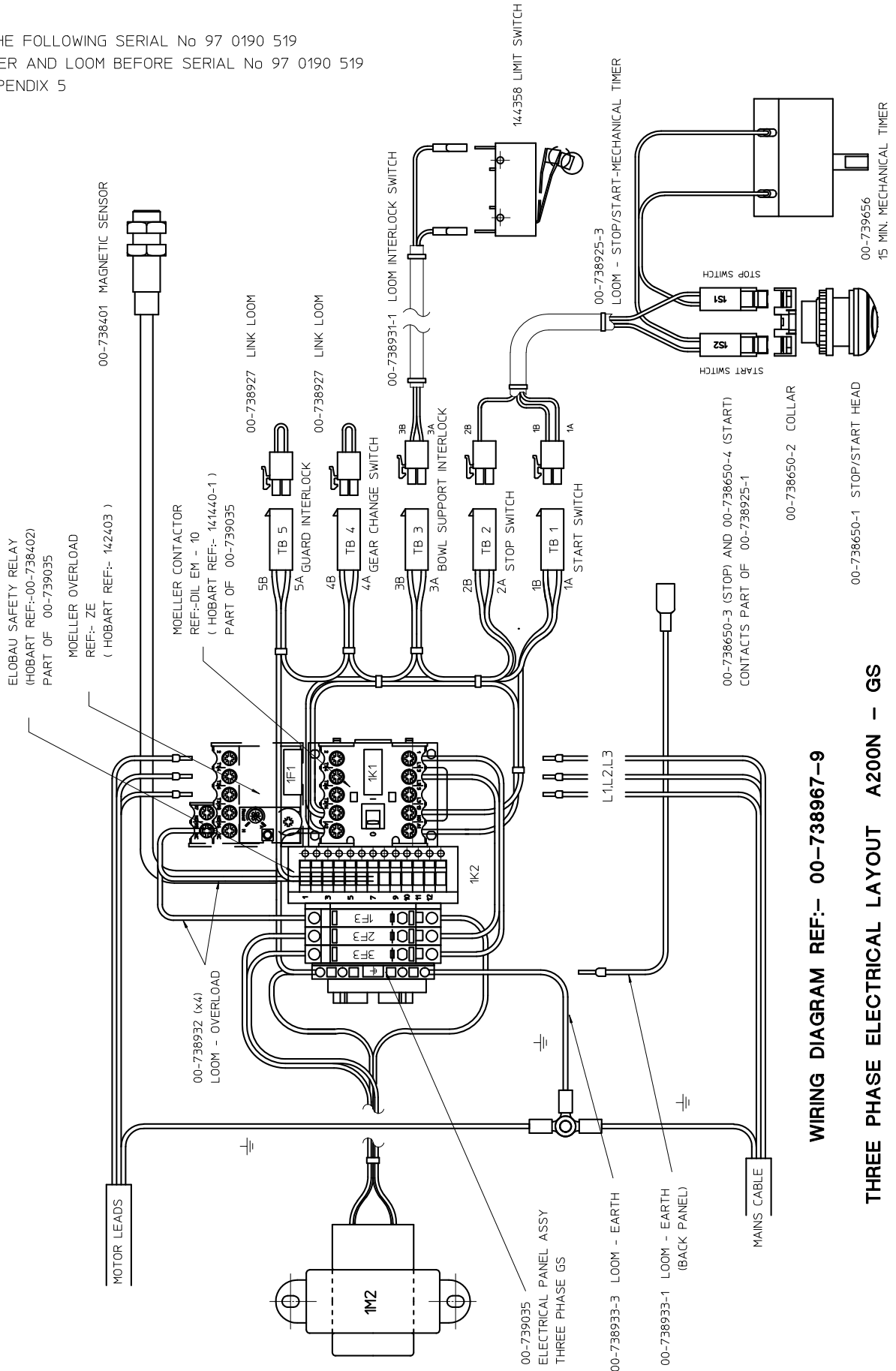


00 - 738115
TRANSMISSION SHAFT, ASSEMBLY (incl. item*)
arbre intermediaire, ensemble (compr. ref.*)
Antriebswelle, komplett (inkl. Teile*)

APPENDIX 9

HOBART

FROM THE FOLLOWING SERIAL No 97 0190 519
 FOR TIMER AND LOOM BEFORE SERIAL No 97 0190 519
 SEE APPENDIX 5

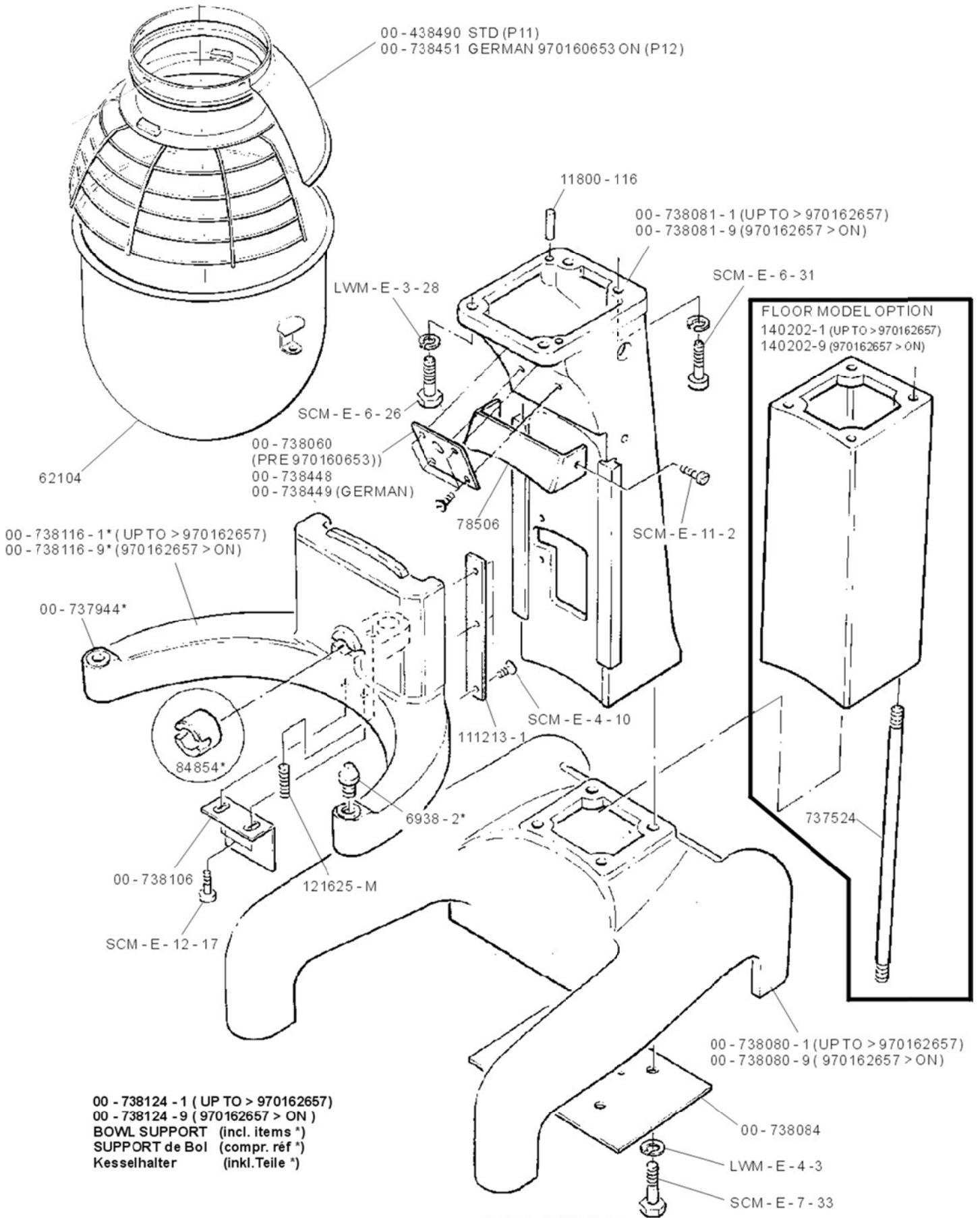


WIRING DIAGRAM REF:- 00-738967-9

THREE PHASE ELECTRICAL LAYOUT A200N - GS



Base, Pedestal and Bowl Unit
Base, colonne, support de bol
Fuß, Säule und Kessel halter





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For further details contact:-

HOBART SERVICE UK

0844 888 7777

**Hobart UK
Hobart House, 51 The Bourne,
Southgate, London N14 6RT
Tel: 020 8920 2800 Fax 020 8886 0450
www.hobartuk.com**

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HOBART SERVICE GERMANY

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Catalogue of Replacement Parts
Catalogue de Pièces de Rechange
Ersatzteilkatalog



A200N

Mixers from serial Number
Mélangeurs du numéro de série
Mixer von der Seriennummer
97 0221 028

For earlier mixer refer to
Pour le mélangeur plus tôt se référer à
Für frühere Mixer siehe
PLE 200460



PLE 200640-A-03-18
EU 9461

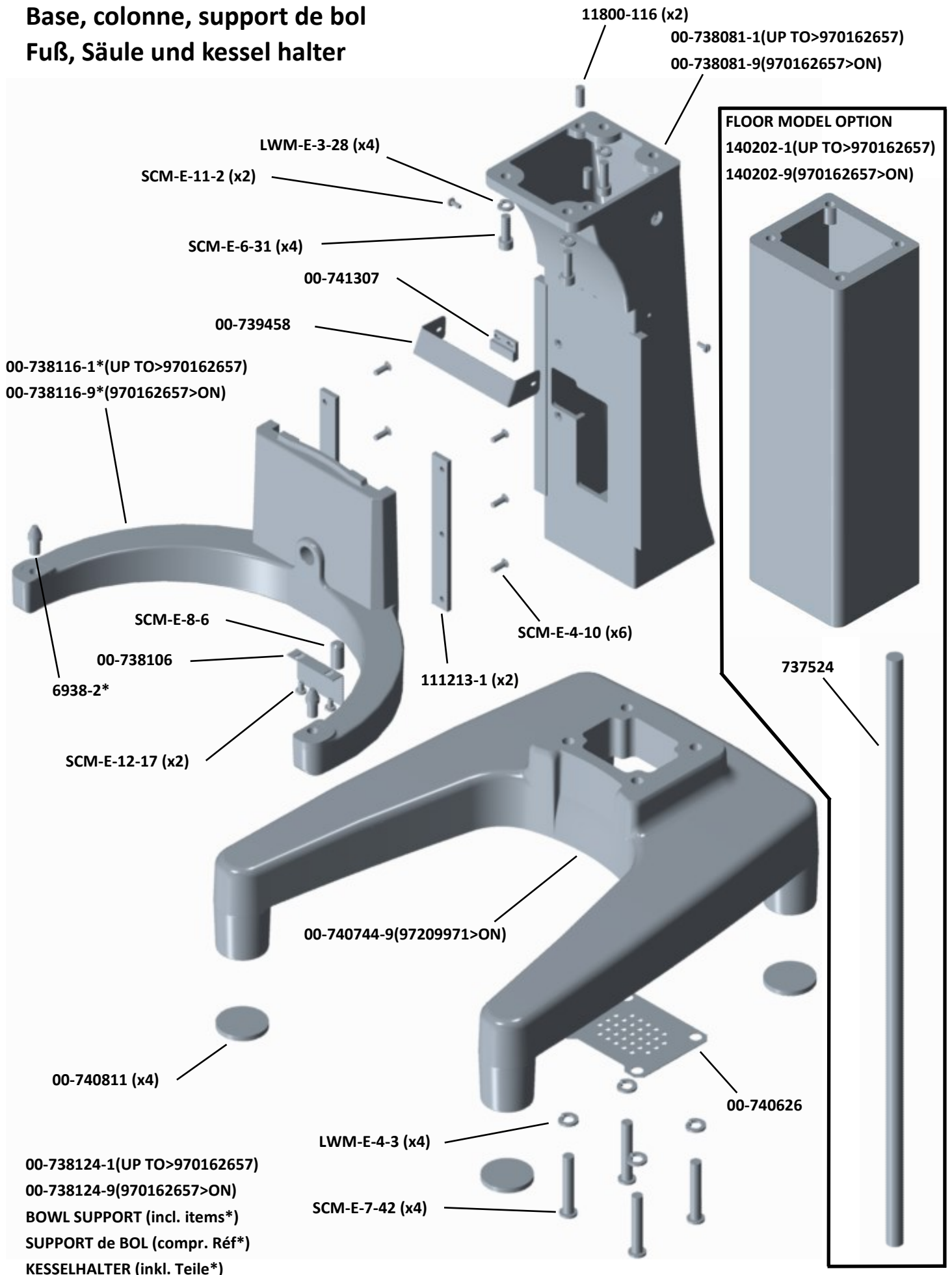
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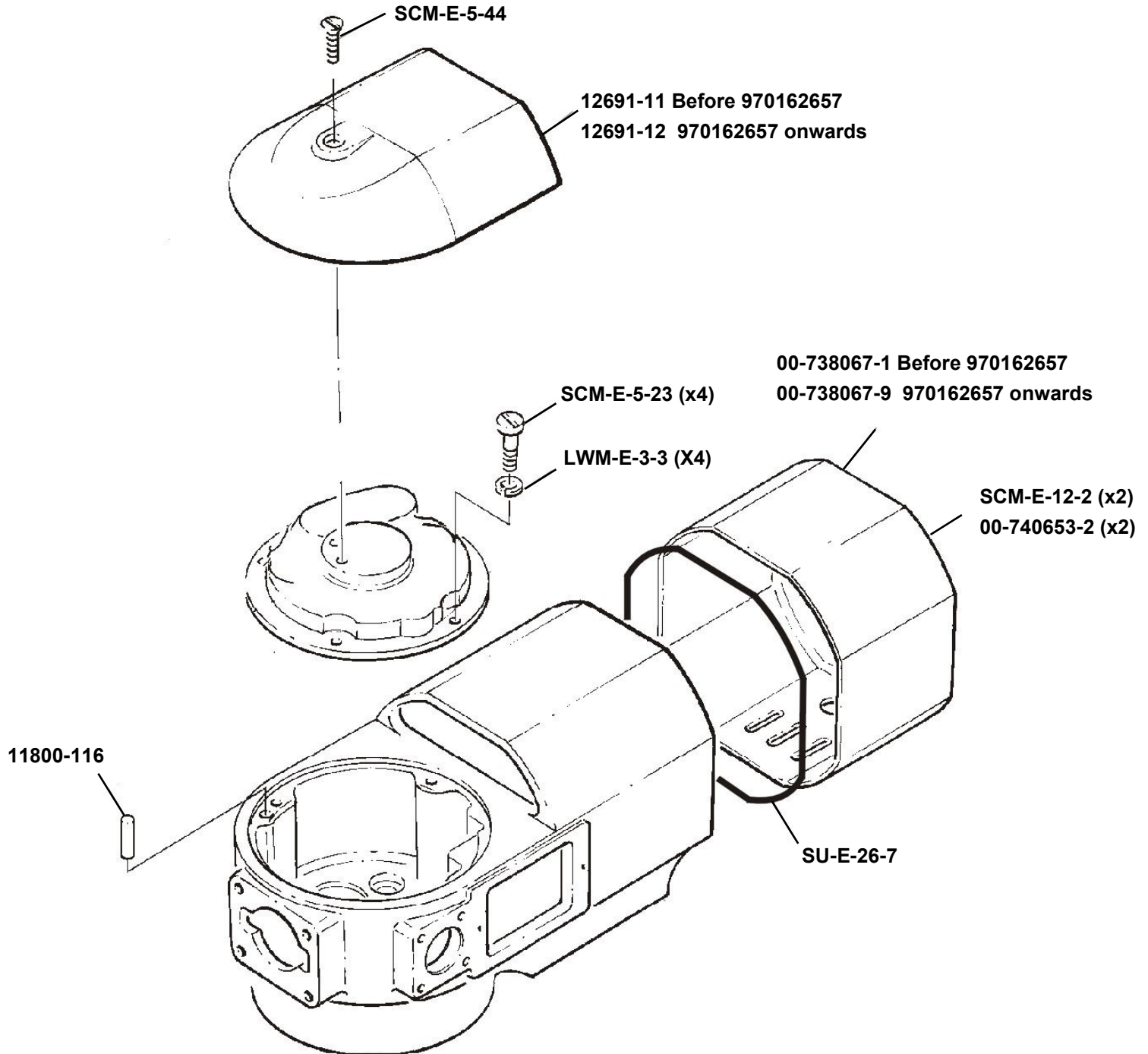
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Fuß, Saule und Kessel halter	
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Boite de Vitesses	
Antriebsgehäuse	
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Kesselheber	
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Base, Pedestal and Bowl Unit
Base, colonne, support de bol
Fuß, Säule und kessel halter

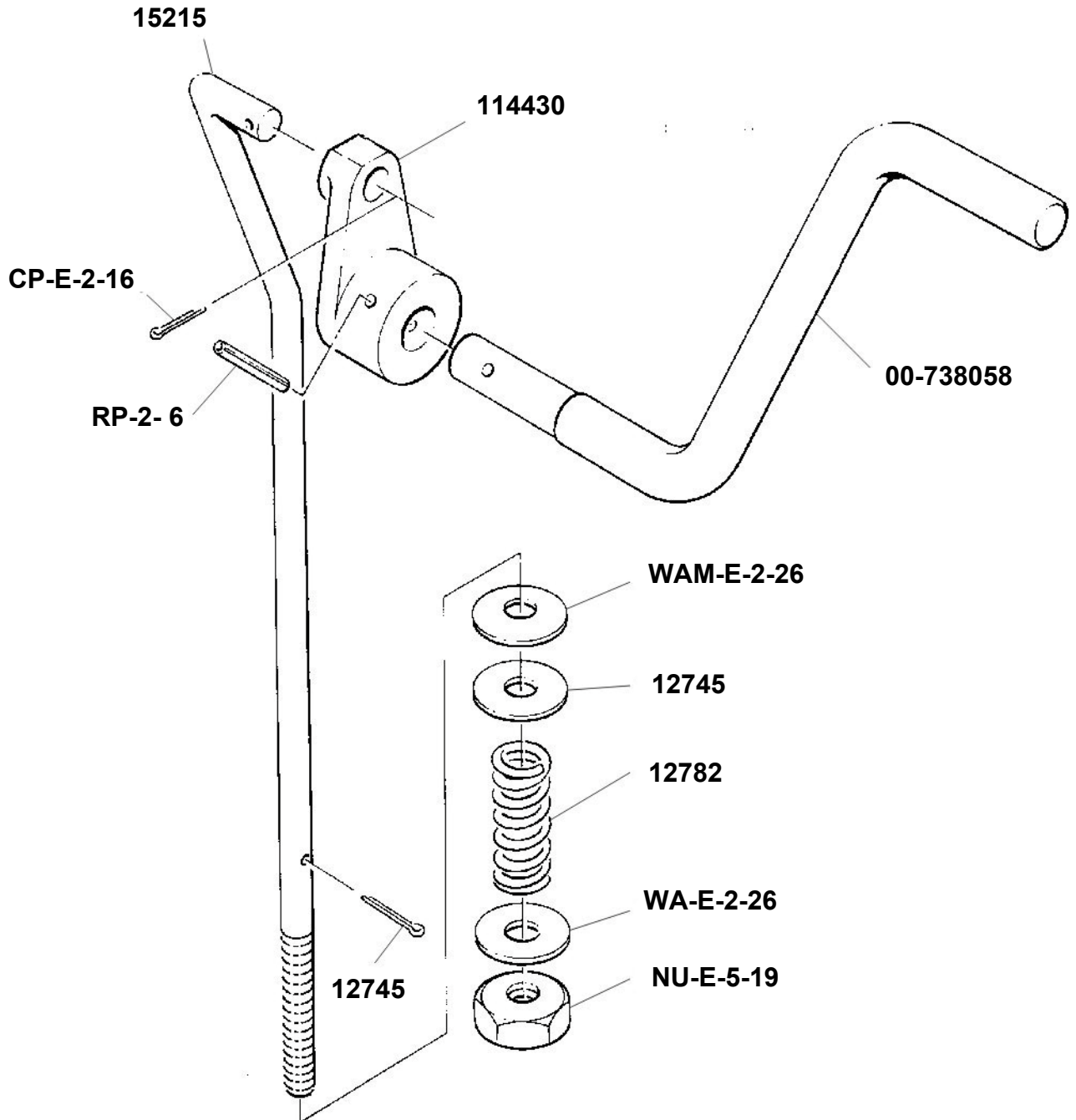


Transmission case
Boitier de transmission
Getriebegehäuse

For mixers from serial no 970186894 A200N-F1HE
970186957 A200N-F3HE
Ref to PLE200460 Appendix 2 for prior mixers



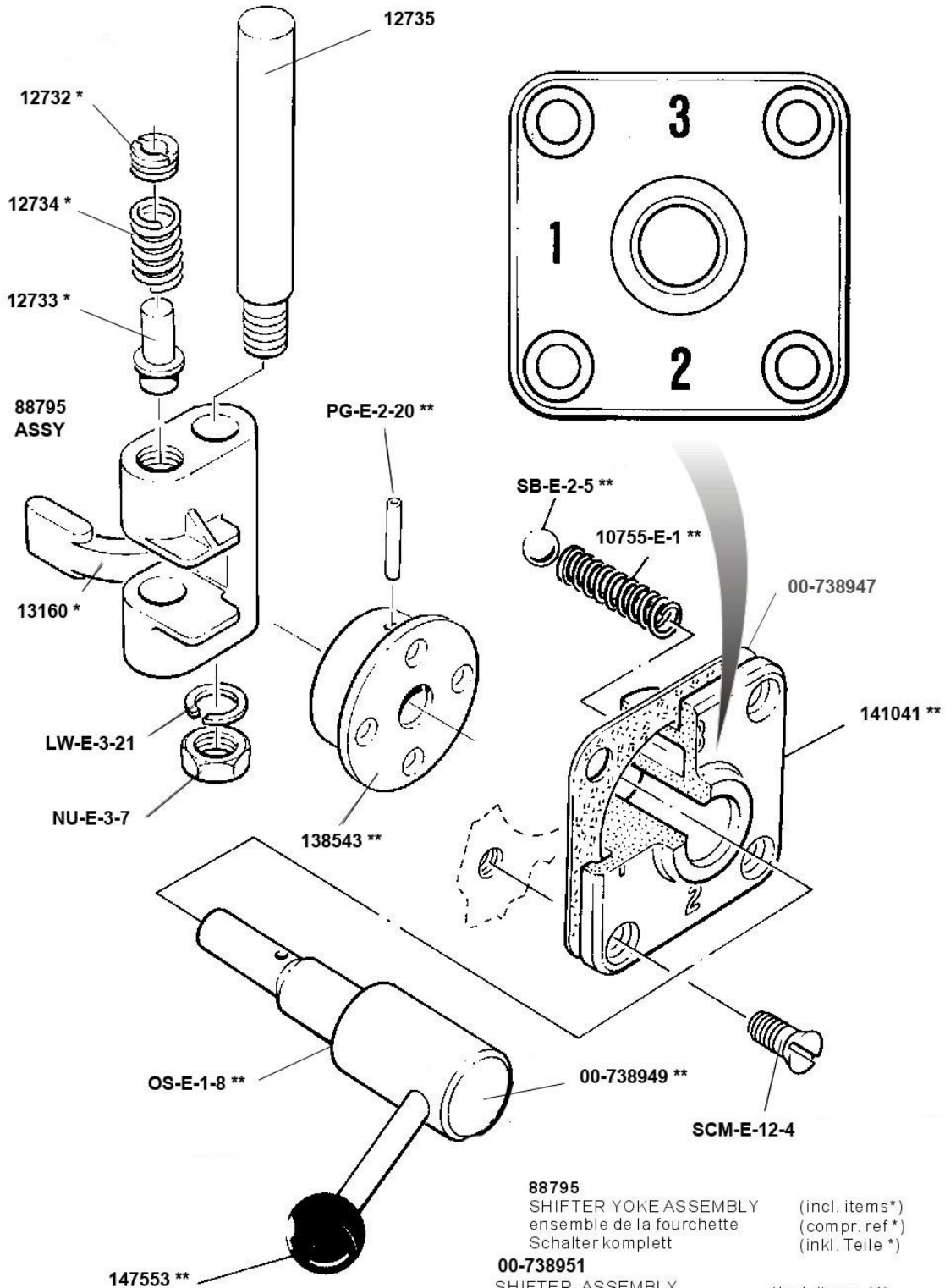
Bowl lift
Relevage de bowl
Kesselheber



Shifter Unit

Changement de Vitesses

Geschwindigkeitswahlschalter



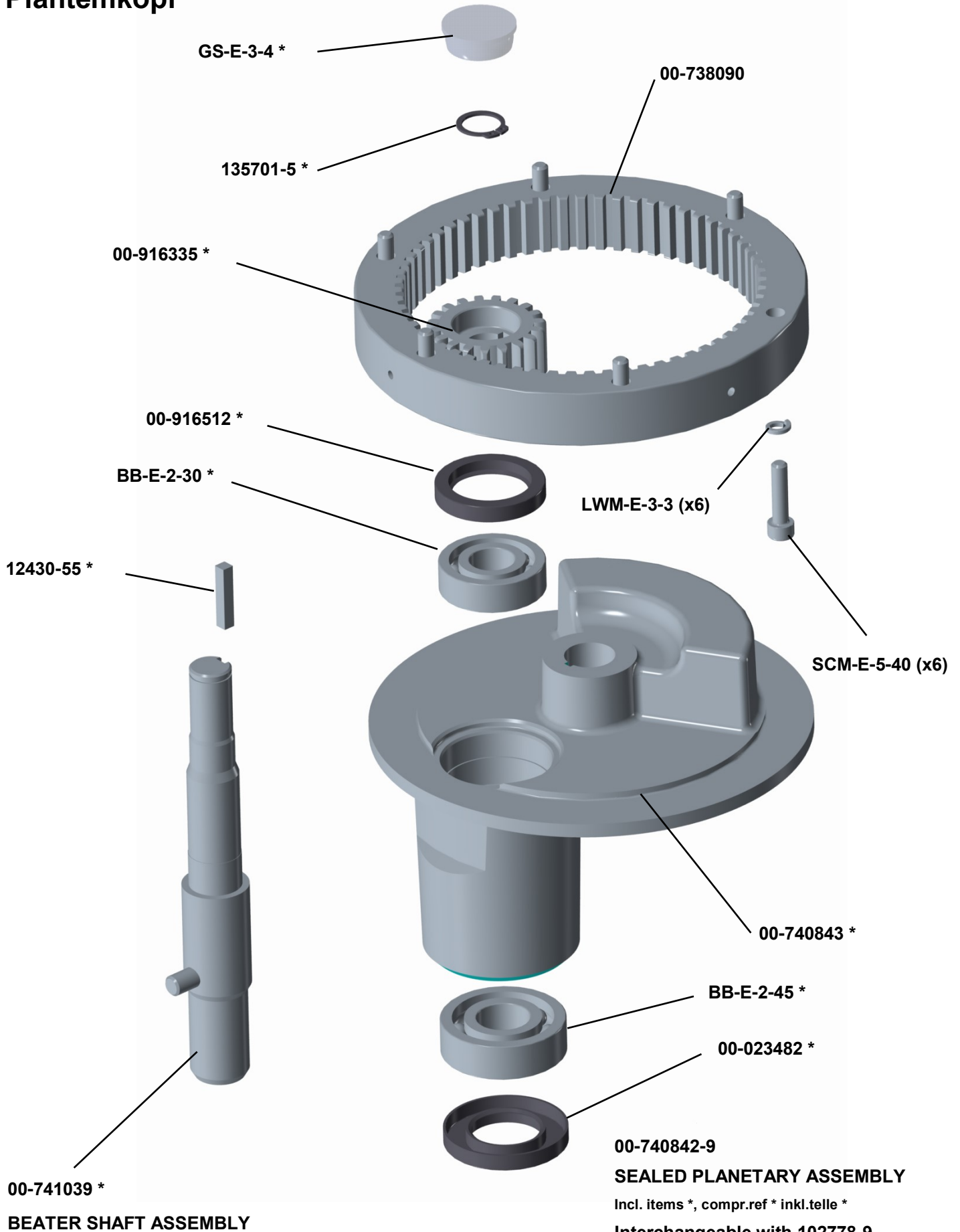
88795
 SHIFTER YOKE ASSEMBLY (incl. items*)
 ensemble de la fourchette (compr. ref.**)
 Schaltermechanismus (inkl. Teile*)

00-738951
 SHIFTER, ASSEMBLY (Incl. items.**)
 manette de vitesses, ensemble (compr. ref.**)
 Schaltermechanismus (inkl. Teile**)

00-738952
 SERVICE KIT GEAR CHANGE
 KIT DE SERVICE CHANGEMENT D'ENGRENAGES

GEAR CHANGE SERIAL No
 BREAK 97 0172 359
 Ref ETI-PC 379

Planetary assembly
Ensemble du planétaire
Plantenkopf



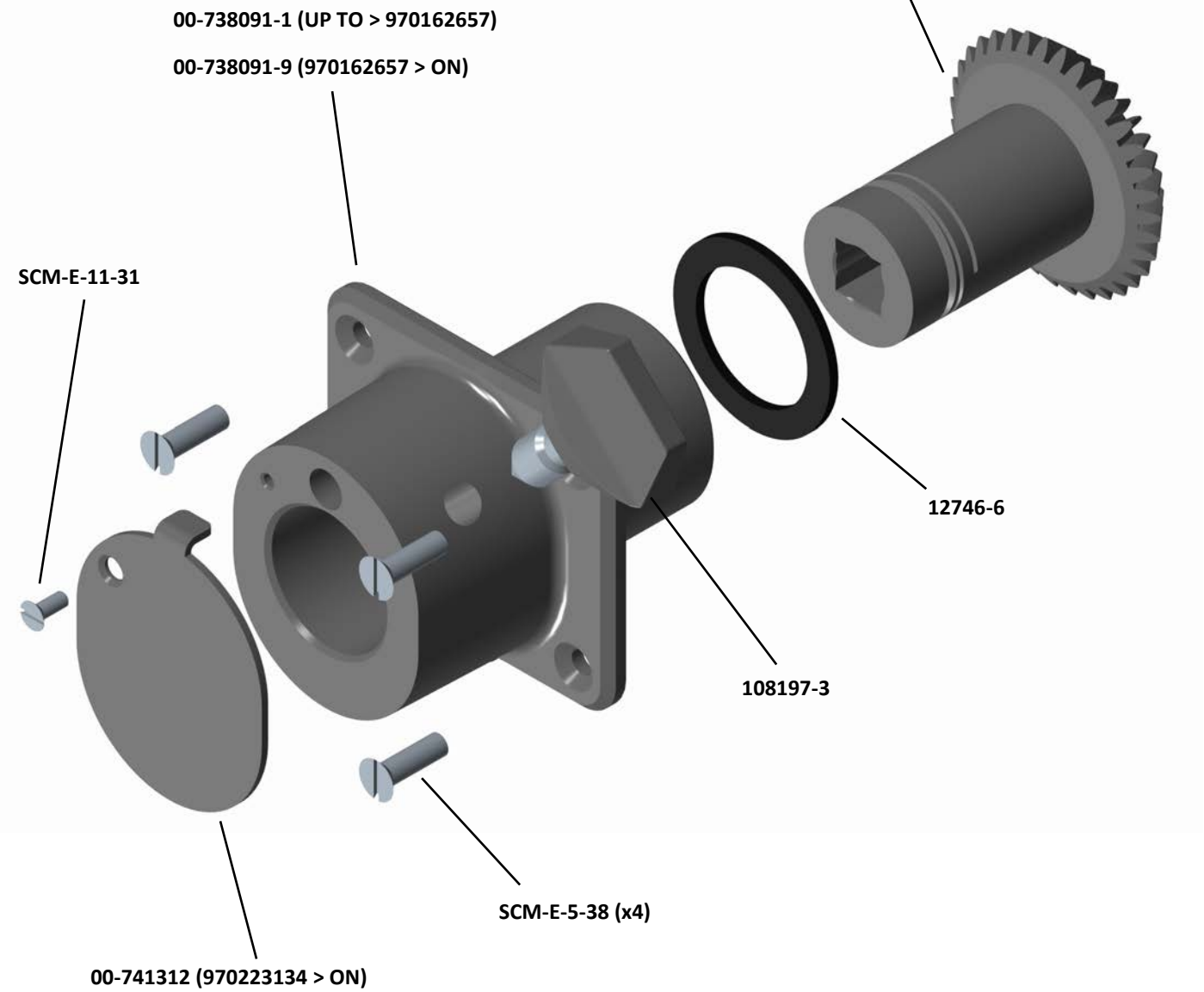
ATTACHMENT HUB

CANON PORTE ACCESSOIRES

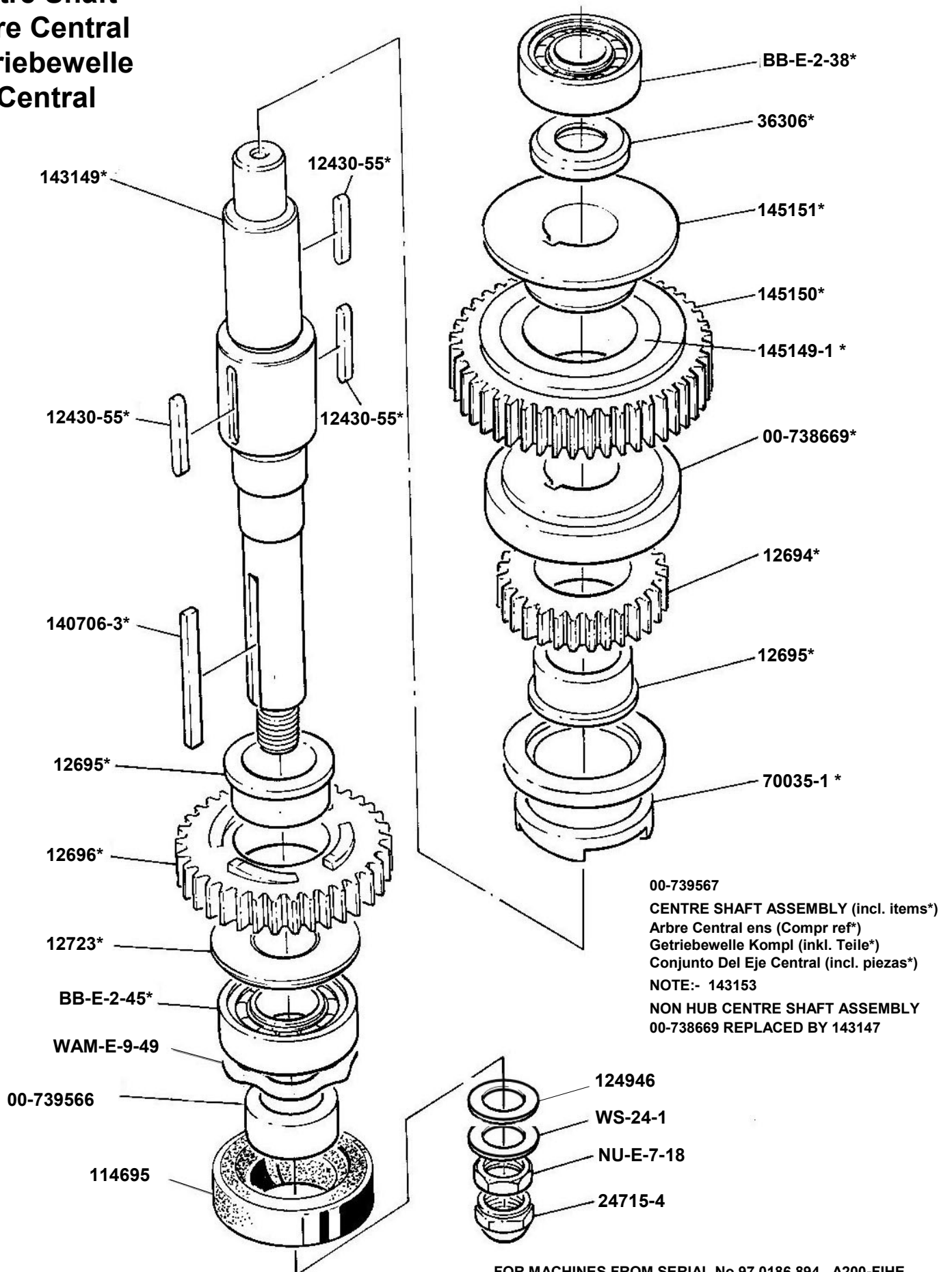
ANSATZNABE

137286 & WP-E-2-3 >SER No. 970167055

00-738780 SER No. 9701670556 <



**Centre Shaft
Arbre Central
Getriebewelle
Eje Central**

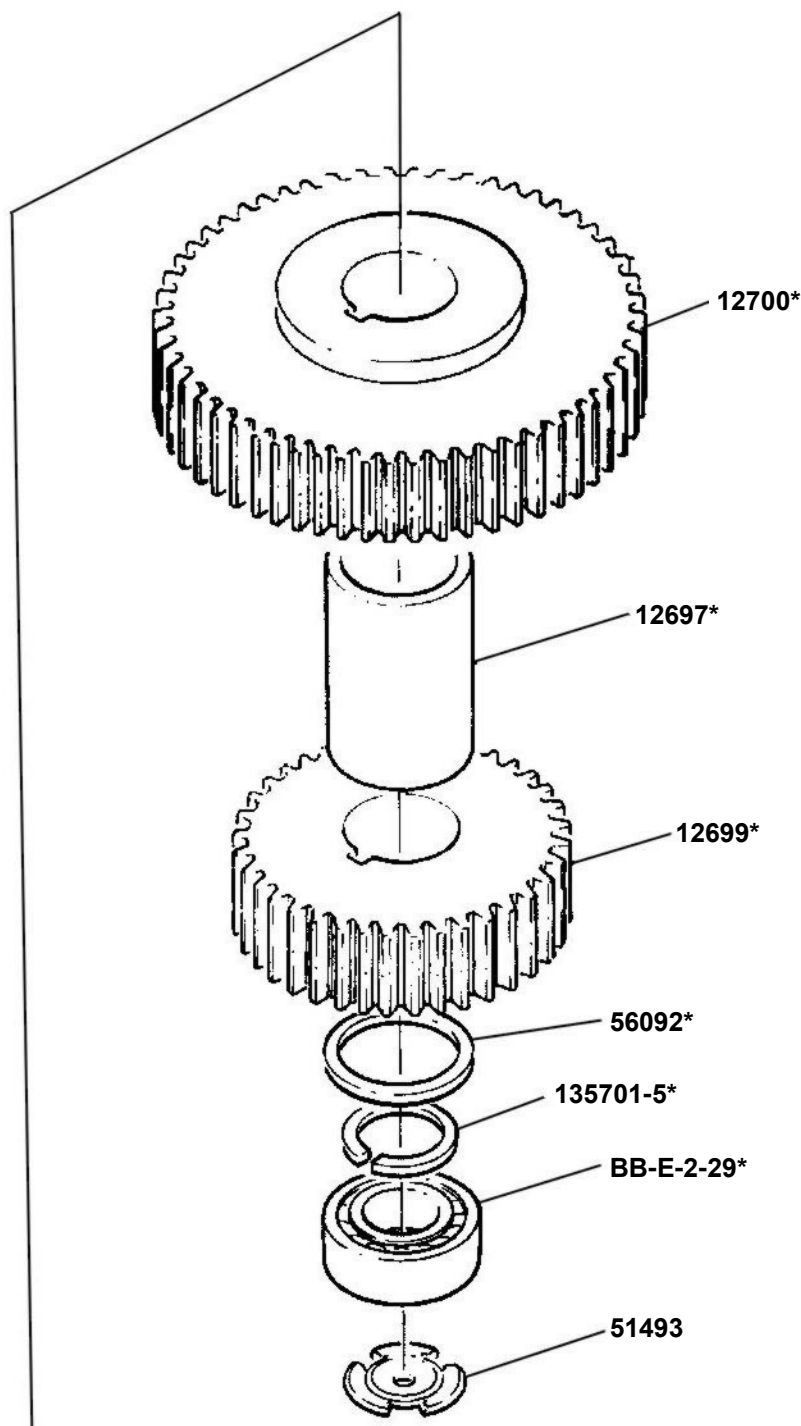
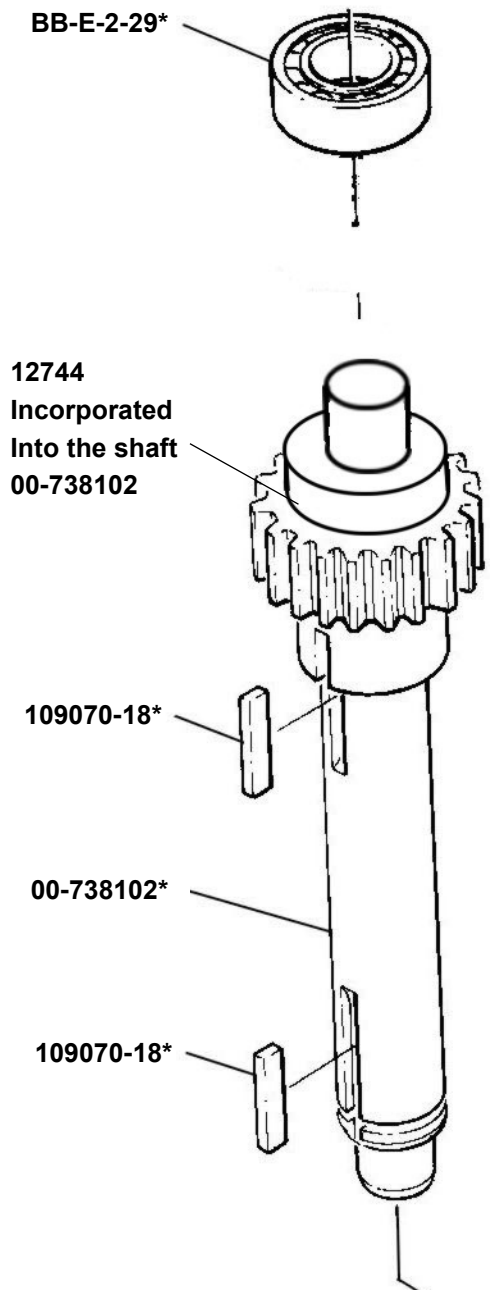


00-739567
CENTRE SHAFT ASSEMBLY (incl. items*)
 Arbre Central ens (Compr ref*)
 Getriebewelle Kompl (inkl. Teile*)
 Conjunto Del Eje Central (incl. piezas*)
 NOTE:- 143153
 NON HUB CENTRE SHAFT ASSEMBLY
 00-738669 REPLACED BY 143147

FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
 No 97 0186 957 A200-F3HE
 REF. TO PLE200460 APPENDIX 3 FOR PRIOR MACHINES

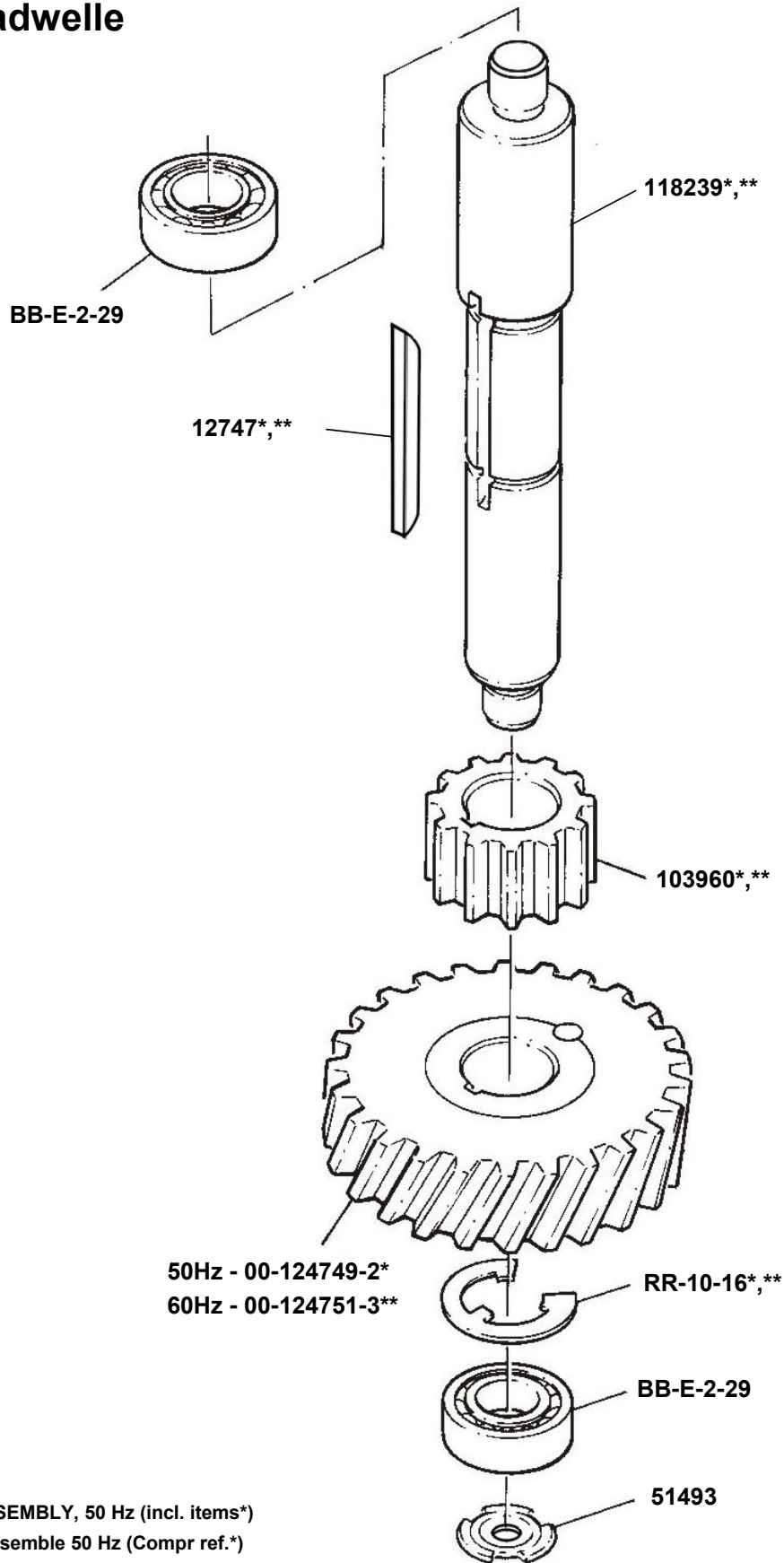
Transmission Shaft Arbre Intermediaire Antriebswelle

Note:- NU-E-5-19 NUT and thread on the shaft 00-738102 removed from mixers after 970167675



00-738115
TRANSMISSION SHAFT, ASSEMBLY (inc. item*)
Arbre intermediaire, anseble (compr. ref*)
Antriebwelle, komplett (inkl. Teile*)

**Worm Gear Shaft
Arbre roue hélicoïdale
Schneckenradwelle**



136157-1

WORM GEAR SHAFT ASSEMBLY, 50 Hz (incl. items*)

Arbre roue hélicoïdale ensemble 50 Hz (Compr ref.*)

Schneckenradwelle Kompl. 50Hz (inkl. Teille*)

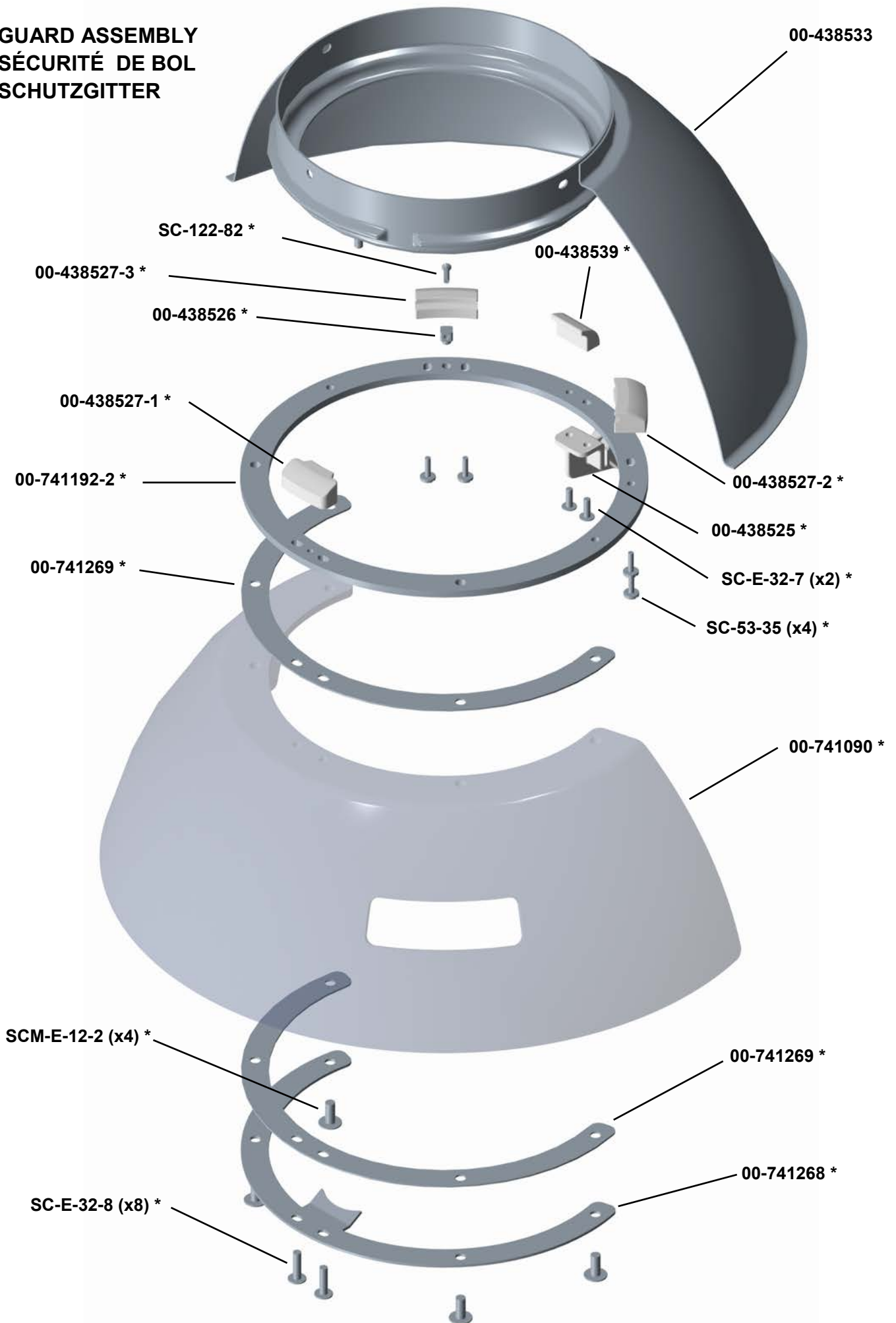
136157-2

WORM GEAR SHAFT ASSEMBLY, 60 Hz (incl. items**)

Arbre roue hélicoïdale ensemble 60 Hz (Compr ref.**)

Schneckenradwelle Kompl. 60Hz (inkl. Teille**)

**GUARD ASSEMBLY
SÉCURITÉ DE BOL
SCHUTZGITTER**

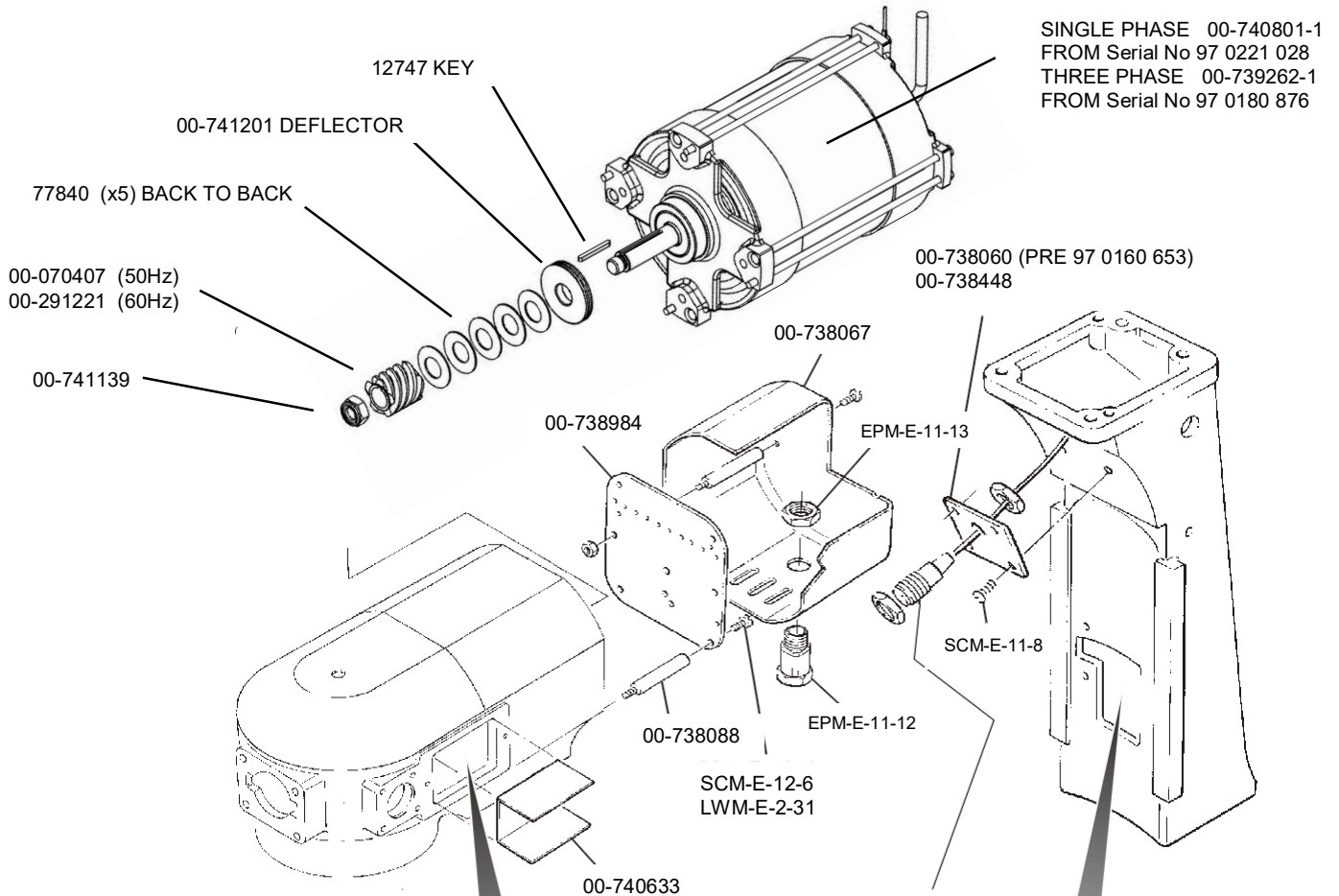


COMPLETE DUST GUARD ASSEMBLY: 00-741222

DUST GUARD SUB-ASSEMBLY: 00-741223 incl. items, compr. Ref, inkl. telle *

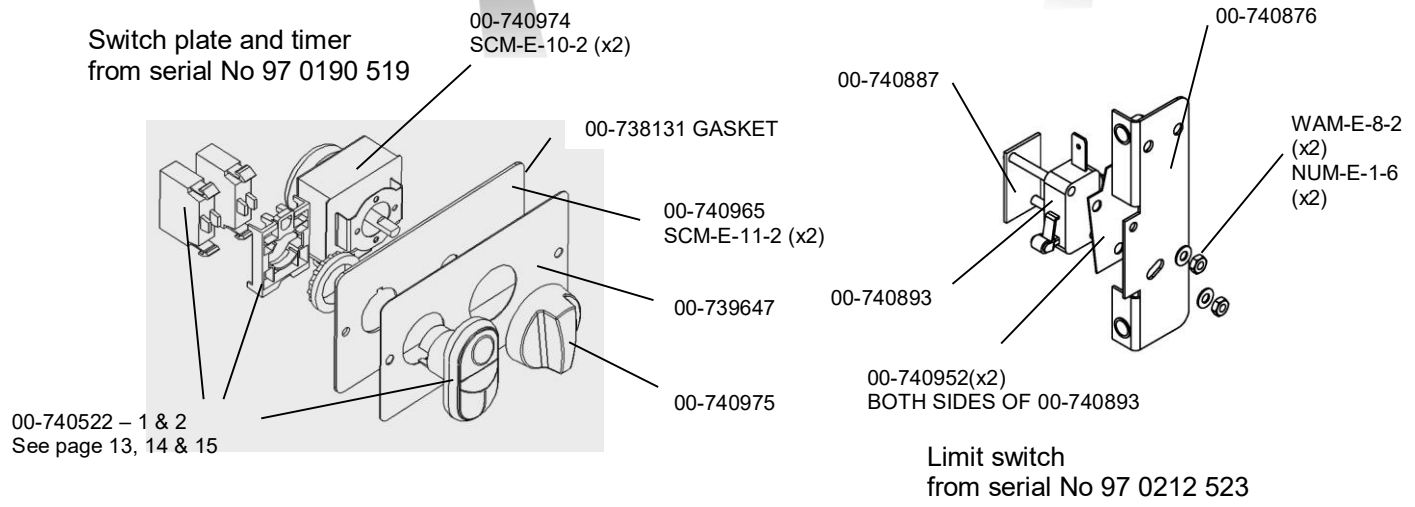
Electrical parts Pièces Electriques Elektoteile

See PLE200460 appendix page
1,4,12 and 13 for prior machines

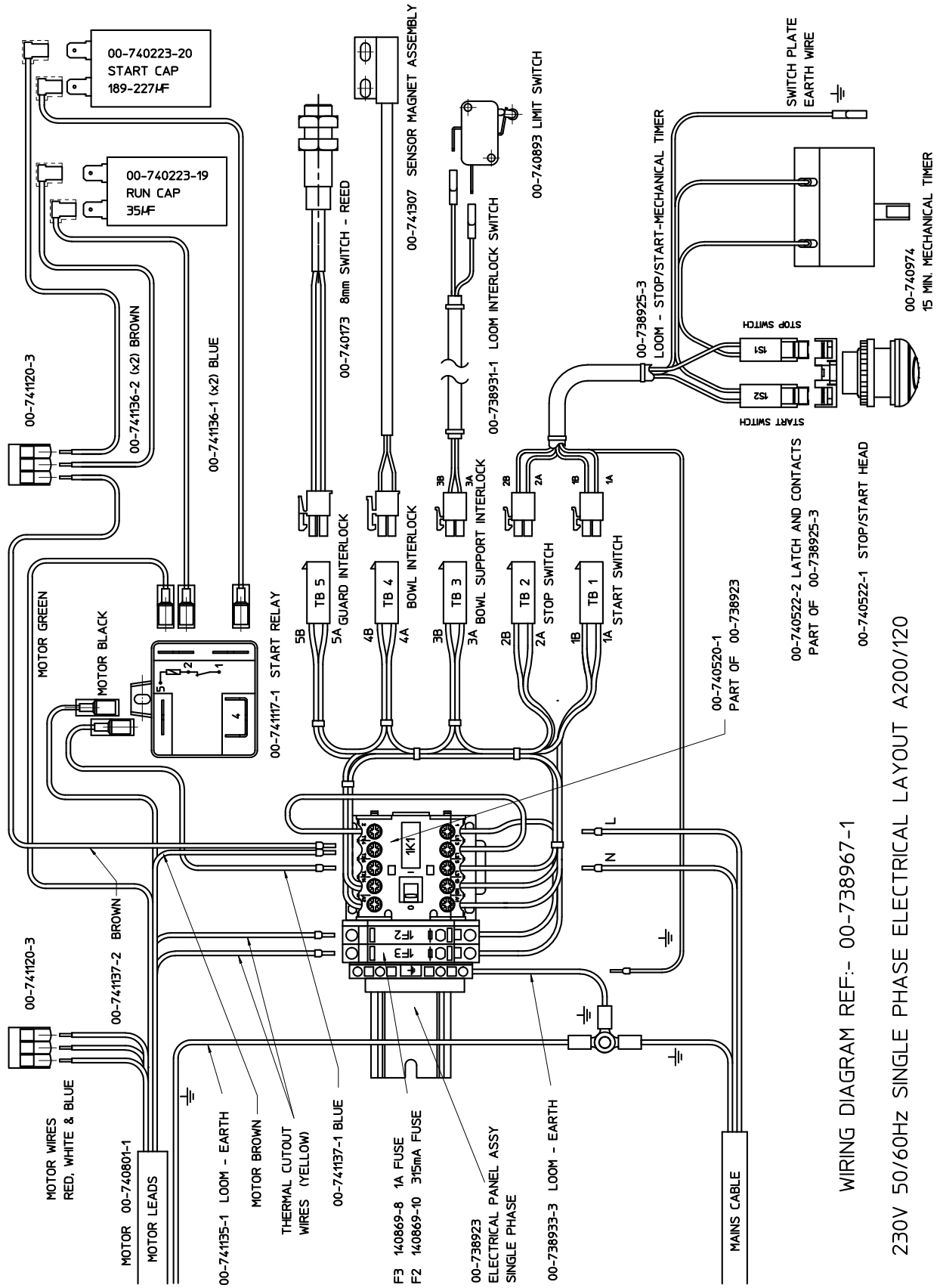


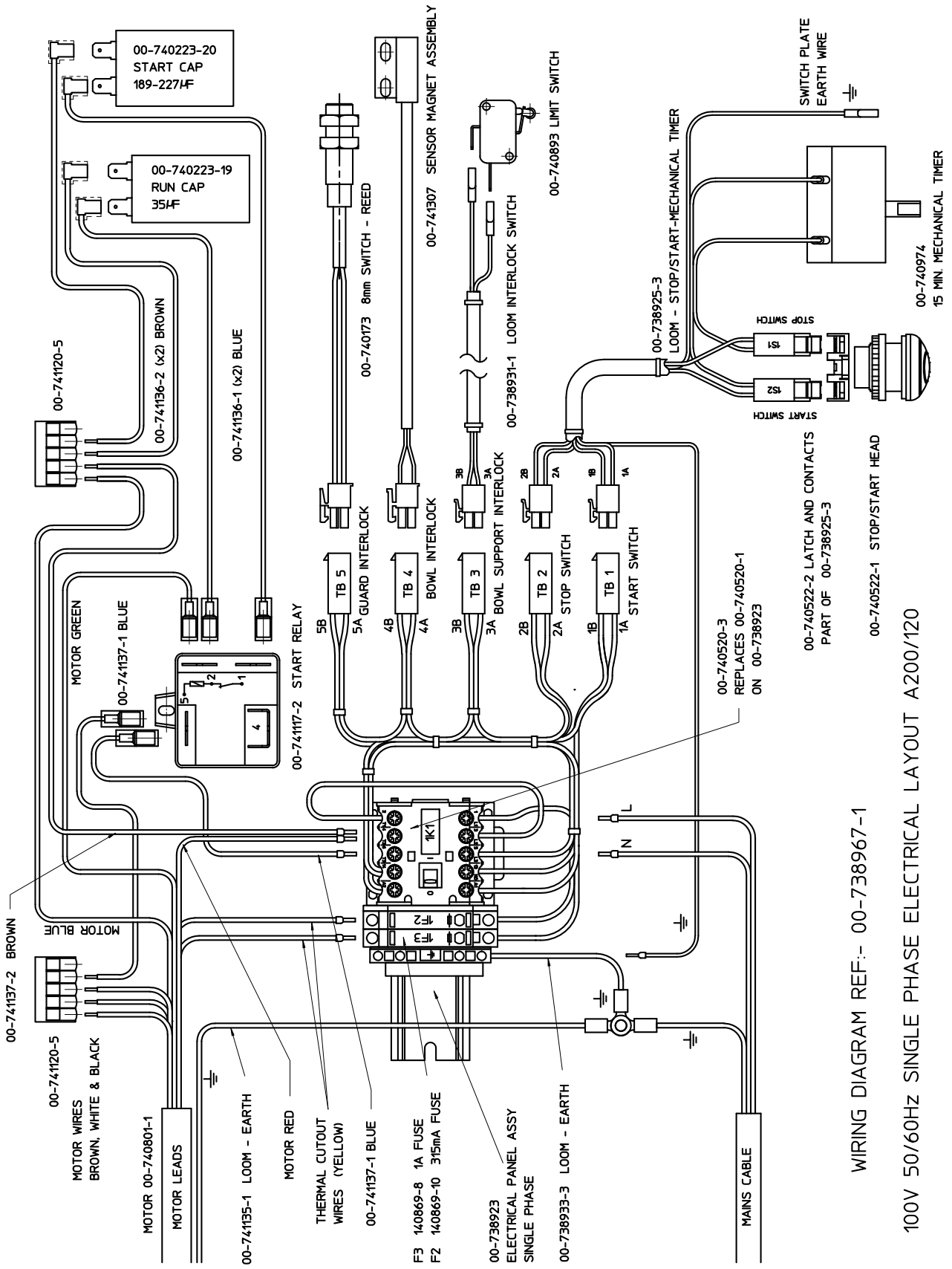
SINGLE PHASE 00-740801-1
FROM Serial No 97 0221 028
THREE PHASE 00-739262-1
FROM Serial No 97 0180 876

See page 13, 14 & 15



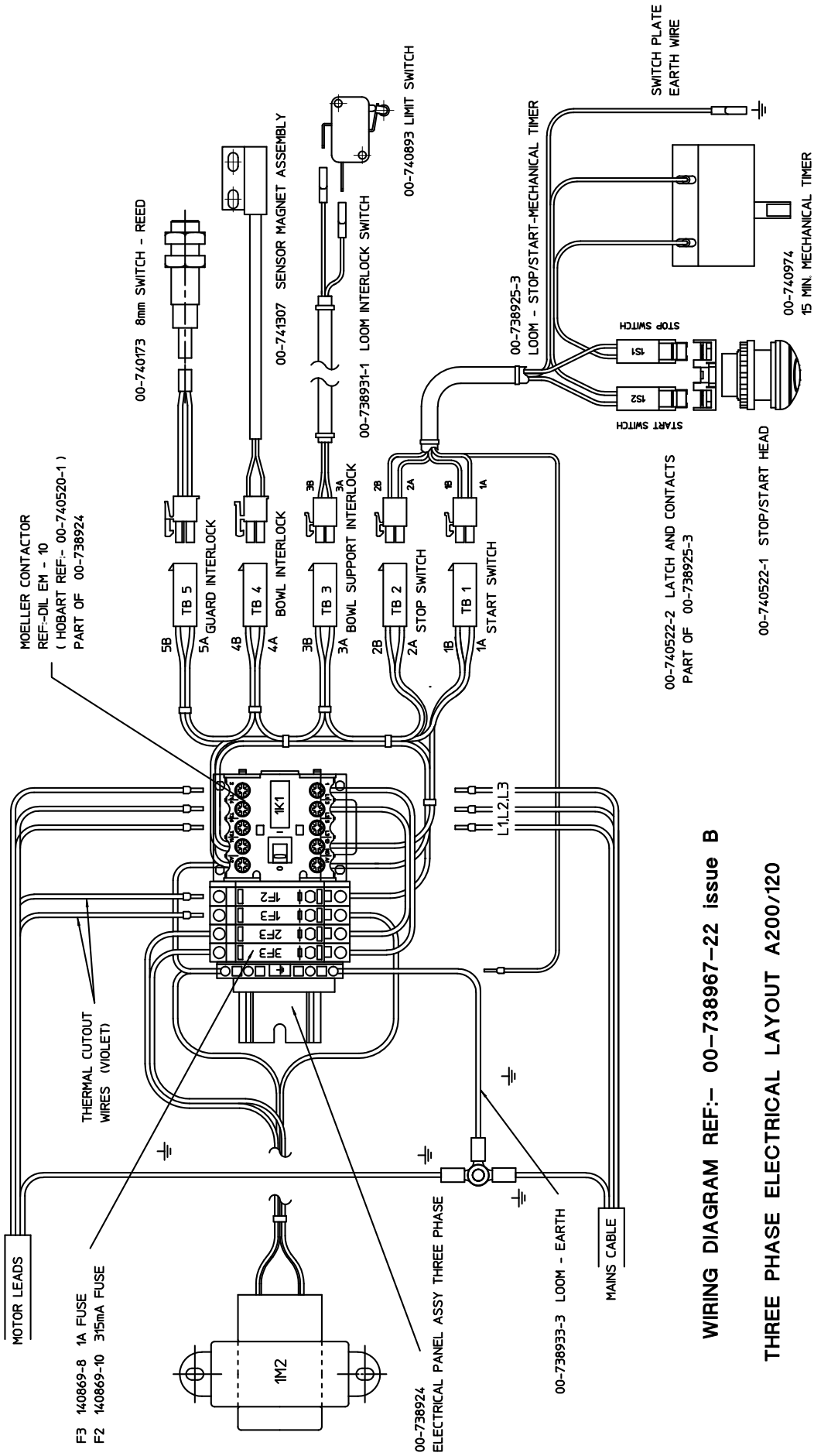
FROM SERIAL No 97 0221 028





WIRING DIAGRAM REF:- 00-738967-1

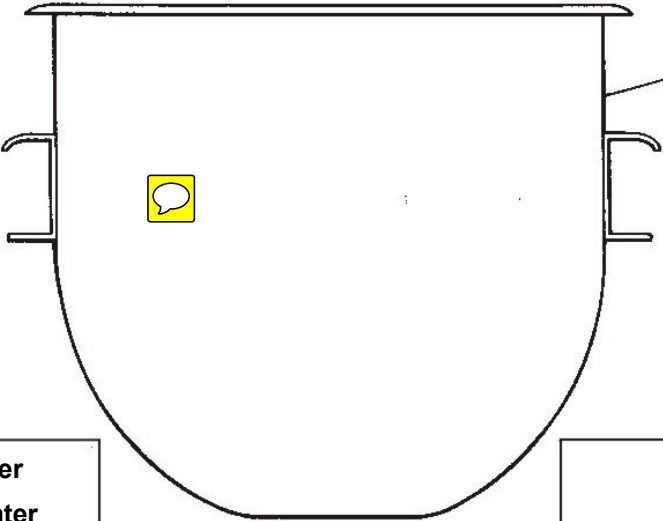
100V 50/60HZ SINGLE PHASE ELECTRICAL LAYOUT A200/120



WIRING DIAGRAM REF:- 00-738967-22 issue B

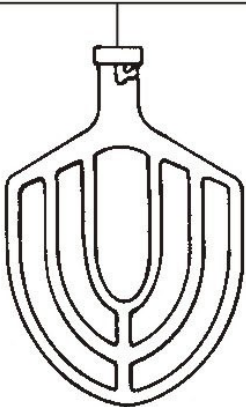
THREE PHASE ELECTRICAL LAYOUT A200/120

**Agitators
Agitateurs
Rührwerkzeuge**

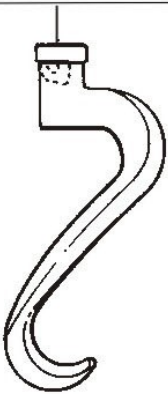


62104 - 20Lt
00-738450 - 10Lt

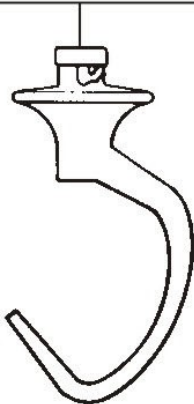
23126 20Lt "B" Beater
136915 10Lt "B" Beater
275559 "B" Beater ST.ST
136915-1 10Lt "B" Beater
ST.ST



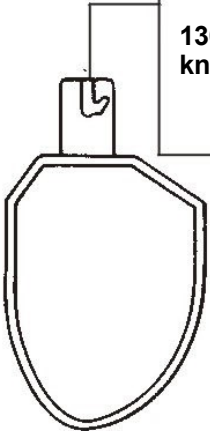
40293 20Lt "ED" Hook



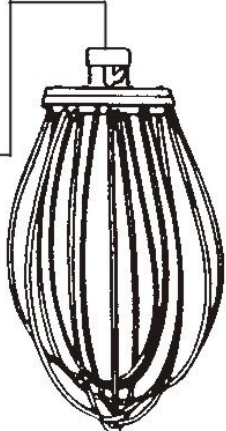
136912 10Lt "E" Hook



74286 20Lt "PK" Pastry
knife
136914-2 10Lt "PK" Pastry
knife ST.ST



23511-M 20D
Whip
140249 10D
Whip





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**PLE 200640-A 03-18
EU 9461**



Catalogue of Replacement Parts
Catalogue de Pièces de Rechange
Ersatzteilkatalog



A200N

Mixers from serial Number
Mélangeurs du numéro de série
Mixer von der Seriennummer
97 0221 028

For earlier mixer refer to
Pour le mélangeur plus tôt se référer à
Für frühere Mixer siehe
PLE 200460



PLE 200640-B-09-18
EU 9539



Hobart Planetary Mixer Accessories

Mixer Model	Capacity (nominal litres)	Interlocked Stainless Steel Bowl	"B" Beater	"B" Stainless Beater	"C" Wing Whip	"D" Wire Whip	"I" Whip	"E" Dough Arm	"ED" Dough Arm	"P" Knife	Bowl Adapter Assy.	Solid Dust Guard	Bowl Truck	Scraper Assembly	Ingredient Chute	Stand (static)	Stand (mobile)	Rubber mounting feet/pads					
HSM10 HSM10N	10	00-741398	144586	Not available	Not available	144053	Not available	Not available	144556	00-738766 (#3)	Not required	00-741421	Not available	Not available	See Dust Guard	Not available	Not available	144328 (#2)					
A120N	12	Not available	52445	00-275551 (#4) (#3)	00-295166 (#4) (#3)	52447	Not available	00-275930 (#4) (#3)	52446	315692 (#1) (#3) (#4)	Not required	Not available	Not available	Not available	Not available	143267	143268	00-740811 (#2)					
A200N	10	00-741379	136915 (#3)	136915-1 (#3)	Not available	140249 (#3)	Not available	136912 (#3)	Not available	Not available	Not required	00-741374	Not available	Not available	00-741226	143267	143268	00-740811 (#2)					
	12	Not available	00-275549 (#3)	Not available	Not available	00-295027 (#3)	Not available	00-275978 (#4) (#3)	Not available	Not available	Not required		Not available	00-315281-1 (#3)									
	20	00-741399	23126	00-275559 (00-024822) (#4) (#3)	00-295165 (#4) (#3)	23511-M	Not available	00-295119 (#4) (#3)	40293	00-295036 (#1) (#3) (#4)	Not required		Not available	00-315281 (#3)									
A200 A200C	20	00-741399	23126	00-275559 (00-024822) (#4) (#3)	00-295165 (#4) (#3)	00-275897	Not available	00-295119 (#4) (#3)	00-477561	00-295036 (#1) (#3) (#4)	Not required	00-741374	Not available	00-315281 (#3)	00-741226	143267	143268	00-740811 (#2)					
HSM20	10	00-741377	136915 (#3)	136915-1 (#3)	Not available	140249 (#3)	Not available	136912 (#3)	Not available	Not available	Not required	00-741374	Not available	Not available	00-741226	143265	143266	00-741271					
	12	Not available	00-275549 (#3)	295040 (#3)	Not available	00-295027 (#3)	Not available	00-275978 (#4) (#3)	Not available	Not available	Not required		Not available	00-315281-1 (#3)									
	20	00-741310	23126	00-275559 (00-024822) (#4) (#3)	00-295165 (#4) (#3)	23511-M	Not available	00-295119 (#4) (#3)	40293	00-295036 (#1) (#3) (#4)	Not required		Not available	00-315281 (#3)									
HSM30	20	00-741383	10469-E	Not available	Not available	10470-E	Not available	00-275465 (#3)	Not available	Not available	Not required	00-741391	00-741149	Not available	00-741206	Not available	Not available	00-741007					
	30	00-741339	00-023641	00-275451 (#3)	00-295161 (#4) (#3)	9443-E	00-295163 (#4) (#3)	00-295120 (#4) (#3)	141721	00-295037 (#1) (#3) (#4)	Not required		00-741149	Not available									
HSM40	20	00-741383	10469-E	Not available	Not available	10470-E	Not available	00-275465 (#3)	Not available	58438 (#1) (#3)	142318 (#3)	00-741392	00-741149	Not available	00-741206	Not available	Not available	00-741007					
	30	00-741411	00-023641	00-275451 (#3)	00-295161 (#4) (#3)	9443-E	00-295163 (#4) (#3)	00-295120 (#4) (#3)	141721	00-295037 (#1) (#3) (#4)	142318 (#3)		00-741149	Not available									
	40	00-741346	53572	Not available	Not available	53577	Not available	Not available	140688	53589 (#1) (#3)	Not required		00-741149	Not available									
H600	30	00-741292	00-275809 (#3)	Not available	00-295162 (#4) (#3)	00-439740 (#3)	00-295162 (#4) (#3)	00-275458 (#4) (#3)	Not available	Not available	62087-1 (#3)	00-741393	737420	315284-4 (#3)	00-741336	Not available	Not available	00-741006					
	40	00-741291	00-275447 (#4) (#3)	Not available	Not available	00-295157 (#3)	00-295158 (#4) (#3)	00-295176 (#4) (#3)	00-295176 (#4) (#3)	Not available	62087-1 (#3)		737420	315284-6 (#3)									
	60	00-741349	141429-1	00-275886 (#4) (#3)	00-295156 (#3)	24900-2	00-295155 (#4) (#3)	00-295175 (#4) (#3)	141430	00-275865 (#1) (#3) (#4)	Not required		737420	315284-1 (#3)									
H800	30	00-741292	00-275809 (#3)	00-295034 (#3)	00-295162 (#4) (#3)	00-439740 (#3)	00-295162 (#4) (#3)	00-275458 (#4) (#3)	Not available	Not available	24653-1 (#3)	00-741394	737420	Not available	00-741336	Not available	Not available	00-741006					
	40	00-741291	00-275447 (#4) (#3)	00-295033 (#3)	Not available	00-295157 (#3)	00-295158 (#4) (#3)	00-295176 (#4) (#3)	00-295176 (#4) (#3)	Not available	24653-1 (#3)		737420	Not available									
	60	Not available	141429-1	00-275886 (#4) (#3)	00-295156 (#4) (#3)	24900-2	00-295155 (#4) (#3)	00-295175 (#4) (#3)	141430	00-275865 (#1) (#3) (#4)	61033-1 (#3)		737420	Not available									
	80	00-741350	52312	00-295041 (#4) (#3)	00-295151 (#4) (#3)	52912	00-295150 (#4) (#3)	Not available	141431	00-275836 (#1) (#3) (#4)	Not required		737420	315285-1 (#3)									
							(#1) Tin plated					(#2) Supplied with the mixer. Part number for individual feet.			(#3) Source Direct/Hobart UK				(#4) Used by ITW-FEG			PLE200643 B	EU9575

Serial number (from and including)	Mixer Model						
	HSM10	A200	HSM20	HSM30	HSM40	H600	H800
Mixers fitted with interlock bowls	970219364	970223009	970222630	970222695	970222621	970222624	970222620
Dust Guard serial number break	970219364	970223009	970223013	970222695	970222621	970223179	970223132

HOBART PLANETARY MIXERS.

From January 2018 additional features have been added to the range of Hobart planetary mixers as summarised and described below.

- Interlocked bowl
- Hub cover (for the auxiliary drive)
- Solid dust guard

1. Interlocked bowl.

When the bowl is correctly located on the mixer bowl support a magnet (permanently fitted to the bowl) activates a reed switch. If the bowl is not fitted and in the raised position the mixer will not operate.

The mixer electrical control system comprises a number of safety interlock switches. If any of the switches are not actuated the mixer will not operate. The interlock switches include the opening section of the guard, the bowl support, gear change handle (not fitted to the A200 or HSM20), motor thermal cut out and a bowl interlock switch.

The following photographs show the position of the bowl interlock switch and magnet used on the different mixer models. The HSM10 mixer is not fitted with a bowl interlock however the bowl and splash shield must both be fitted to enable the mixer to operate (see section 3).

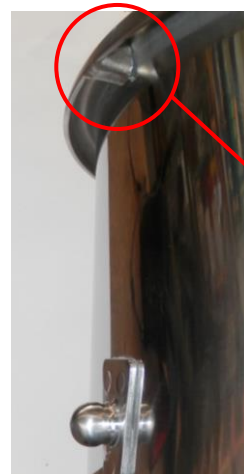
1.1 A200 Bowl Interlock.



Upper splash shield.



Bowl interlock switch (situated behind the upper splash shield).

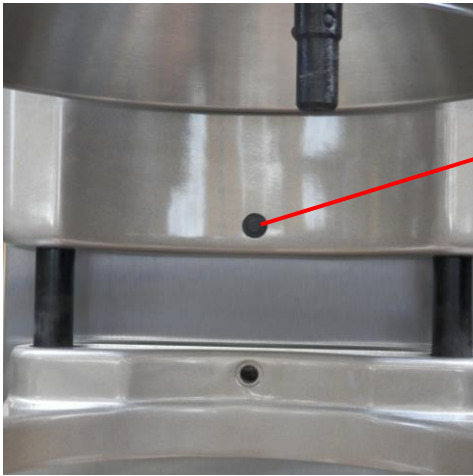


Bowl interlock magnet positioned under the bowl rim.

Photographs 1, 2 & 3. A200 bowl magnet and interlock switch.

	A					
10-01-18	EU 9432					

1.2 HSM20 Bowl Interlock.



Interlock switch

Bowl magnet



Photographs 4 & 5. HSM20 bowl magnet and interlock switch.

1.3 HSM30 and HSM40 Bowl Interlock.



Interlock switch

Bowl magnet

Bowl magnet



Photographs 6 & 7. HSM30 and HSM40 bowl magnet and interlock switch.

1.4 H600 and H800 Bowl Interlock.



Bowl interlock switch mounted in the tube assembly

Bowl magnet

Photograph 8. H600 and H800 bowl magnet and interlock switch.

	A					
10-01-18	EU 9432					

The serial number breaks for mixers fitted with the bowl interlock are as follows:

Item	Mixer model	Serial number (from and including)
1	HSM10	970219364
2	A200	970223009
3	HSM20	970222630
4	HSM30	970222695
5	HSM40	970222621
6	H600	970222624
7	H800	970222620

2. Hub cover.

Mixers supplied with an auxiliary drive hub are fitted with a permanently attached cover (except for the HSM30 and HSM40). The cover can be hinged anti-clockwise to enable the attachment to be fitted to the square drive. When not in use the hub drive is covered by the plate. The auxiliary drive of the HSM30 and HSM40 is sprung loaded and does not engage unless the attachment is fitted so a fixed cover is not required.

The serial number breaks for mixers fitted with the hub cover are as follows:

Item	Mixer model	Serial number (from and including)
1	HSM10	Not applicable
2	A200	970223134
3	HSM20	Not applicable
4	HSM30	Not required. Drive only engaged when attachment fitted in position.
5	HSM40	
6	H600	970223052
7	H800	970223052

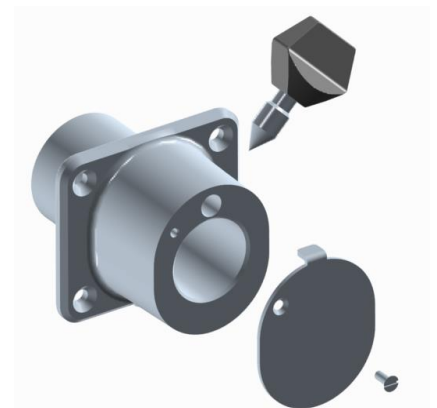
3. Dust guard.

The guards fitted to the mixers comprise a solid food grade polycarbonate moulding designed to reduce dust emissions when mixing products such as flour.

The following sections detail specific features for each mixer model.

3.1 HSM10 Dust Guard.

The interlock magnet is bonded within the injection moulded dust guard and activates a reed switch mounted internally within the mixer frame. The dust guard locates on the top of



Photograph 9.
Attachment hub cover.

	A					
10-01-18	EU 9432					

the bowl and both must be fitted to enable the mixer to operate. An integral chute allows liquid ingredients to be added during the mixing process.



Splash shield interlock magnet.

Photograph 10. HSM10 Splash shield interlock switch

3.2 A200 and HSM20 Dust Guard.

The A200 and HSM20 dust guard is moulded from transparent food grade polycarbonate that enables the operator to see the product being mixed. An aperture in the guard and stainless steel chute allow liquid ingredients to be added during the mixing process. The dust shield assembly can be removed from the mixer and cleaned in a dish washer.

The dust guard is interchangeable with the 5 and 9 wire cage type guards previously supplied with the mixer and uses the same interlock magnet and drip cup guide blocks.

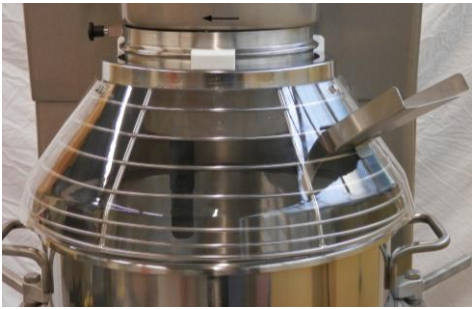


Photograph 11. A200 Polycarbonate dust guard.

3.3 HSM30 and HSM40 Dust Guard.

The dust guard supplied with the HSM30 and HSM40 mixers is fitted over the wire cage and secured in position by 'fingers' at either end and two M5 screws.

	A					
10-01-18	EU 9432					



Location fingers.

M5 hexagon headed screws.

Photograph 12 & 13. Dust guard and chute.

The dust guard is moulded from food grade transparent polycarbonate that enables the operator to see the product being mixed. An aperture in the guard and stainless steel chute allow liquid ingredients to be added during the mixing process. The dust guard assembly can be removed from the mixer and cleaned in a dish washer. Alternatively just the dust guard can be removed and cleaned separately.

3.4 H600 and H800 dust guard.

The H600 and H800 dust guards are moulded from transparent food grade polycarbonate that enables the operator to see the product being mixed. An aperture in the guard and stainless steel chute allow liquid ingredients to be added during the mixing process. The dust shield assembly can be removed from the mixer and cleaned in a dish washer.

The serial number breaks for mixers fitted with the dust guards are as follows:



Photograph 14 H600 and H800 Dust guard assembly.

Item	Mixer model	Serial number (from and including)
1	HSM10	970219364
2	A200	970223009
3	HSM20	970223013
4	HSM30	970222695
5	HSM40	970222621
6	H600	970223179
7	H800	970223132

	A					
10-01-18	EU 9432					

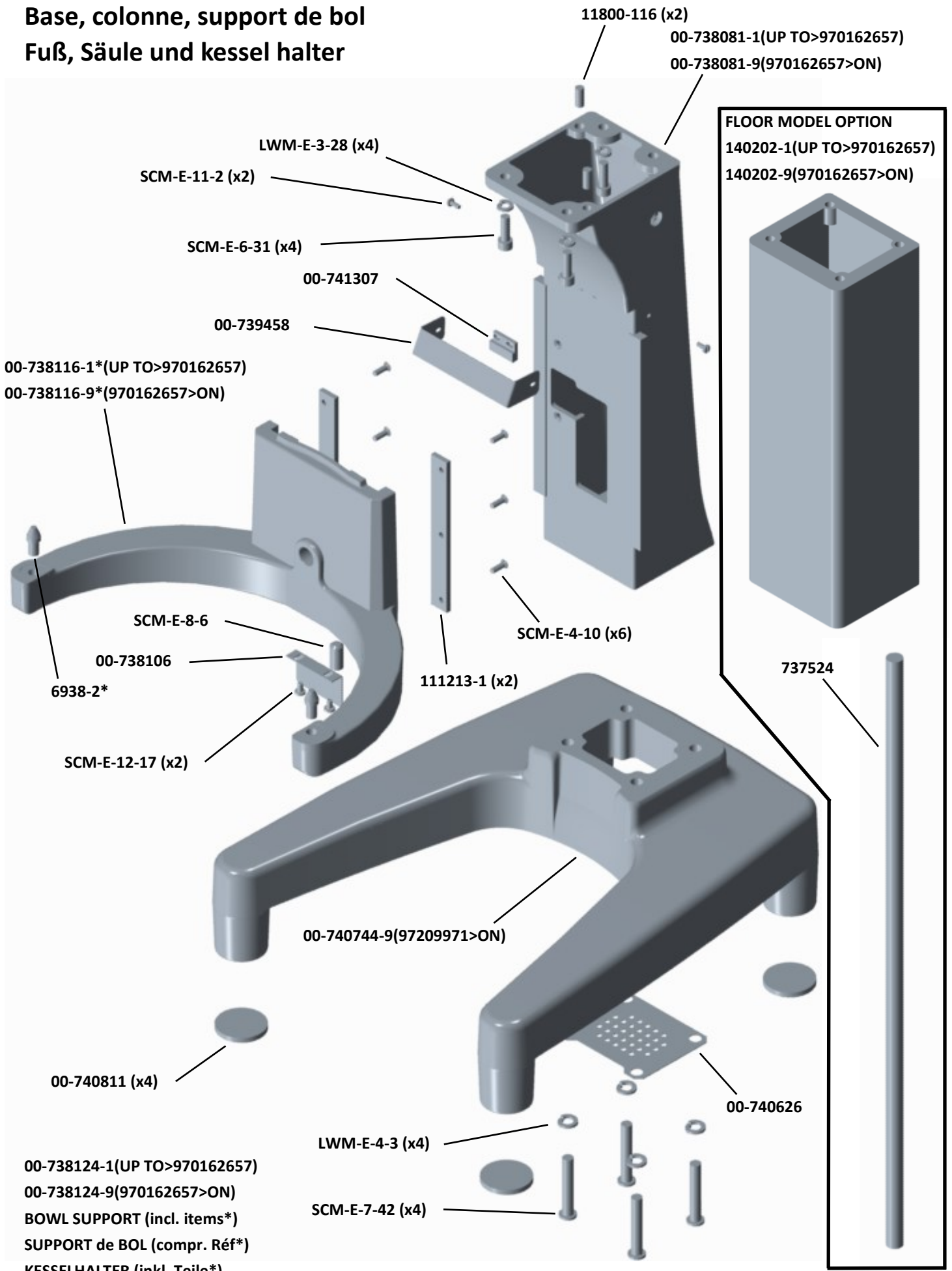
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Fuß, Saule und Kessel halter	
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Rele vage de bol	
Kesselheber	
Shifter Unit _____	5
Changement de Vitesses	
Geschwindigkeitswahlschalter	
Planetray Assembly _____	6
Ensemble du planetaire	
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Ansatznabe	
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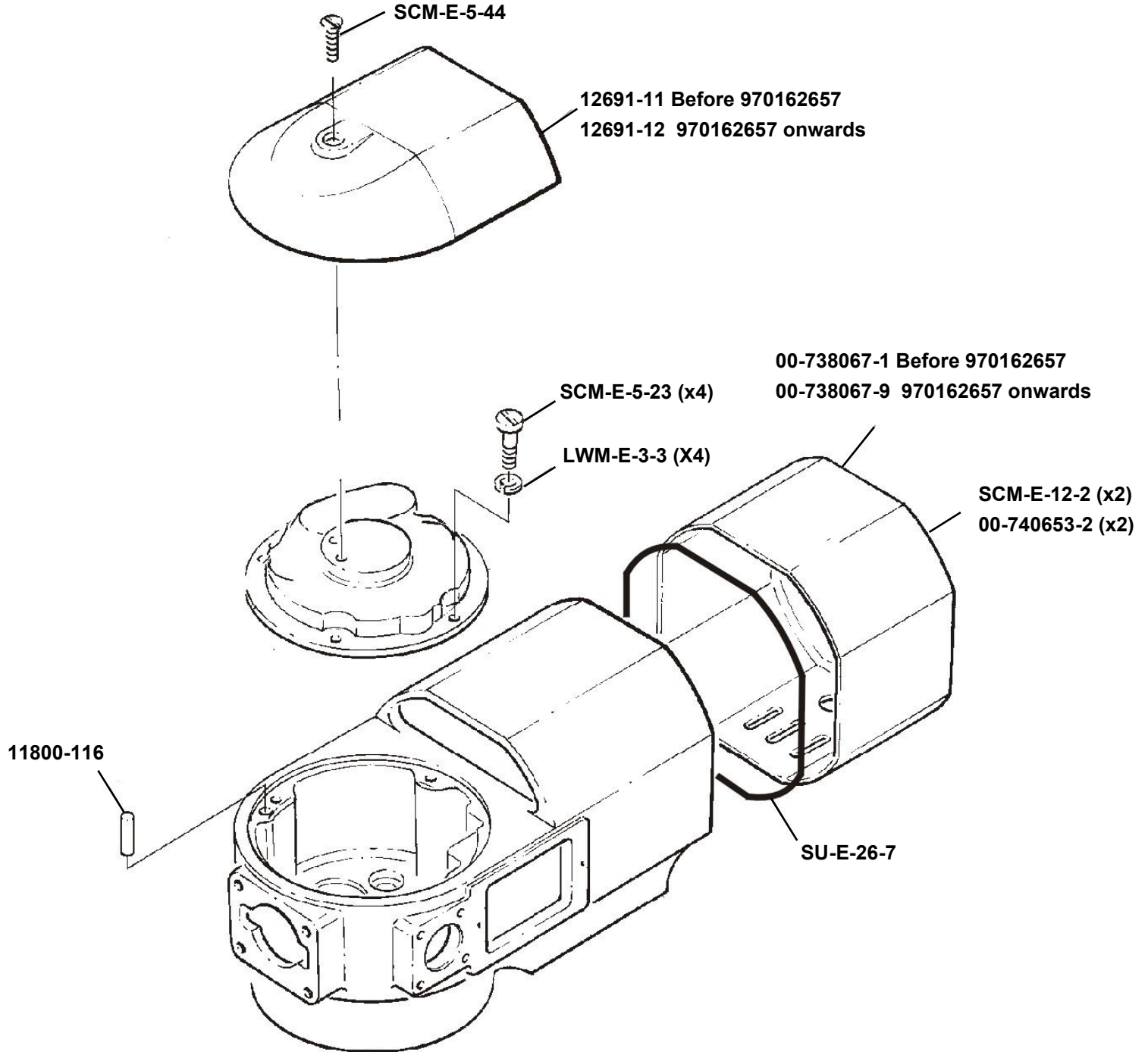
Base, Pedestal and Bowl Unit
Base, colonne, support de bol
Fuß, Säule und kessel halter



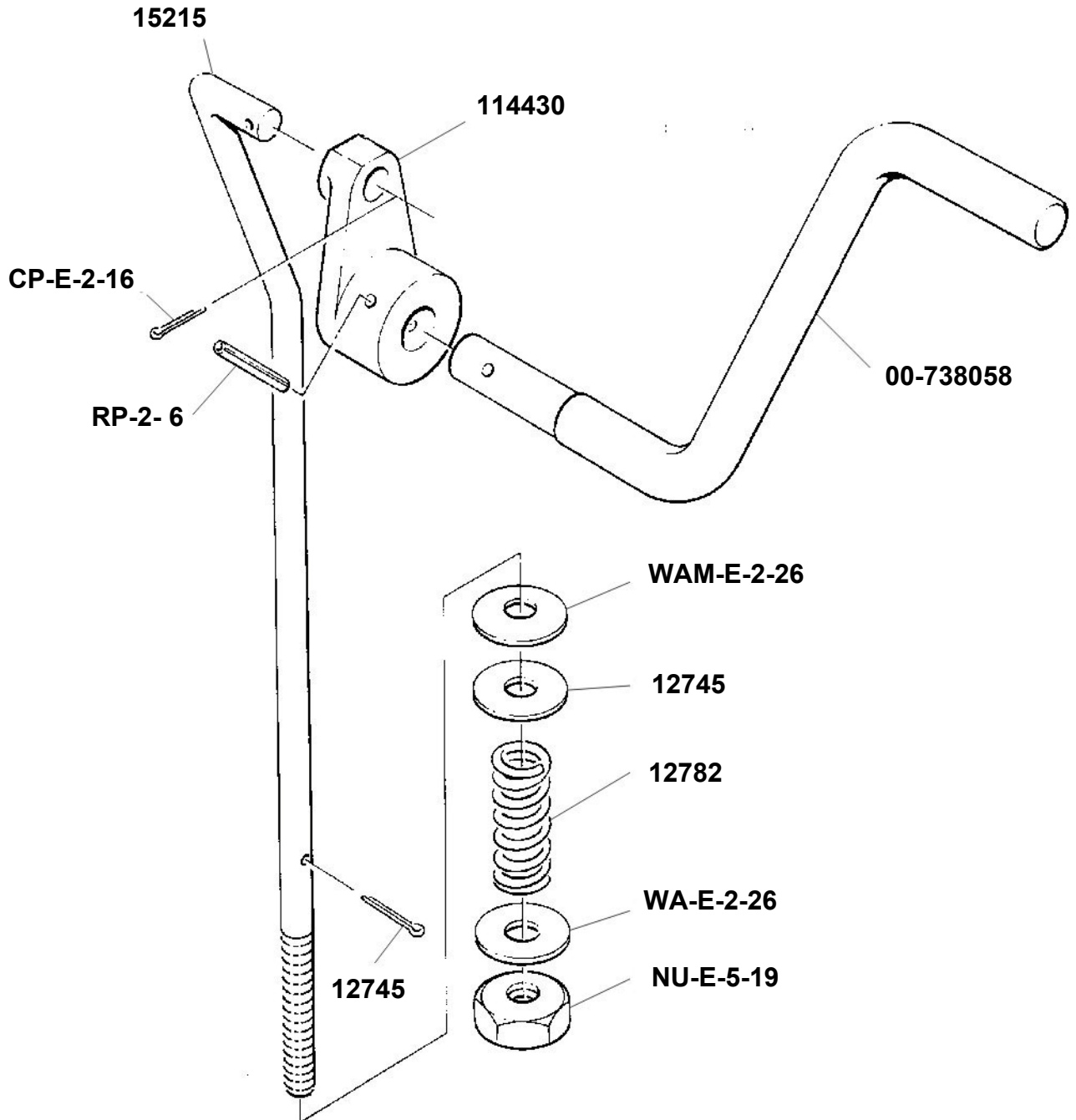
00-738124-1(UP TO>970162657)
 00-738124-9(970162657>ON)
 BOWL SUPPORT (incl. items*)
 SUPPORT de BOL (compr. Réf*)
 KESSELHALTER (inkl. Teile*)

Transmission case
Boitier de transmission
Getriebegehäuse

For mixers from serial no 970186894 A200N-F1HE
970186957 A200N-F3HE
Ref to PLE200460 Appendix 2 for prior mixers



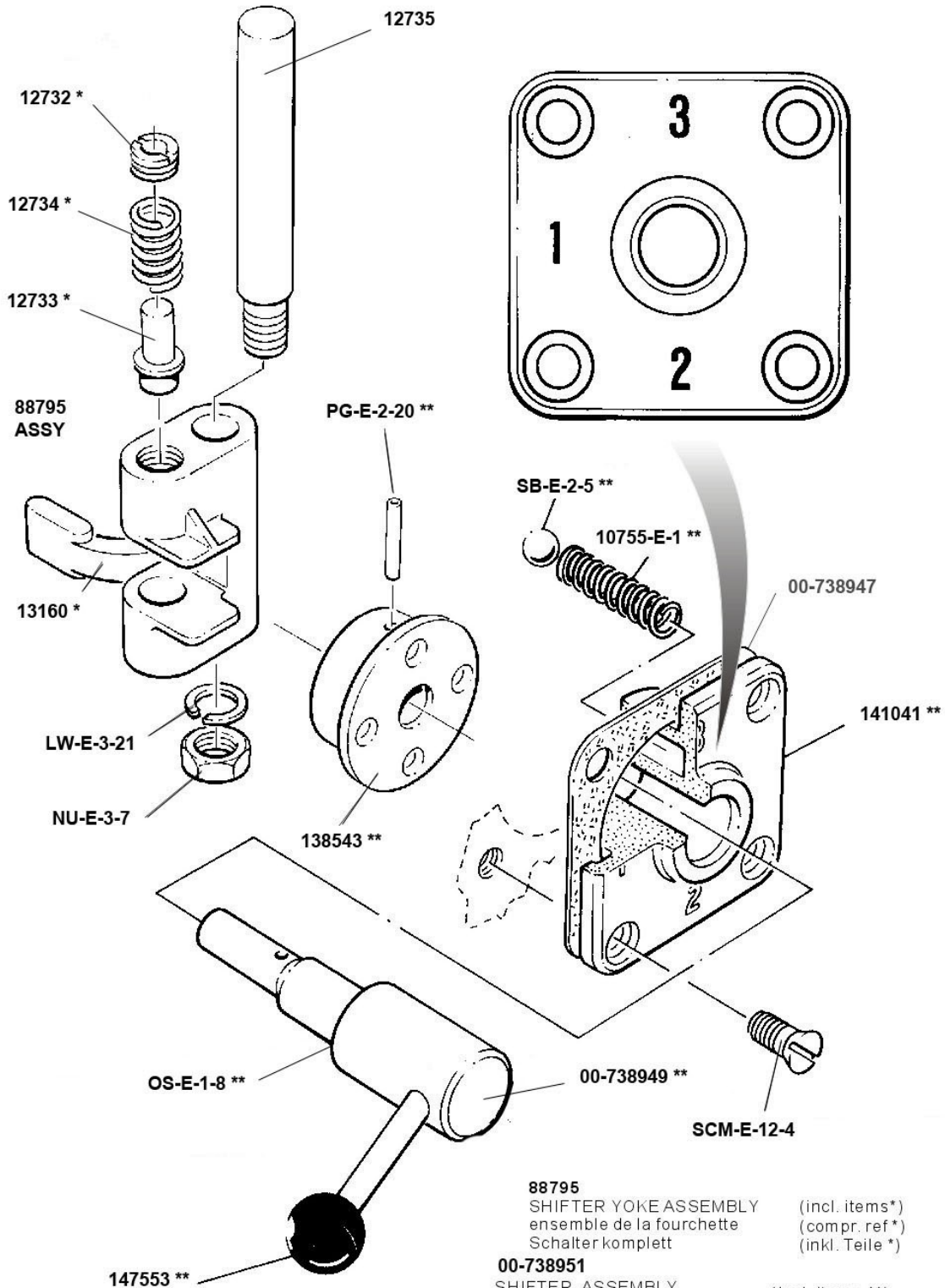
Bowl lift
Relevage de bowl
Kesselheber



Shifter Unit

Changement de Vitesses

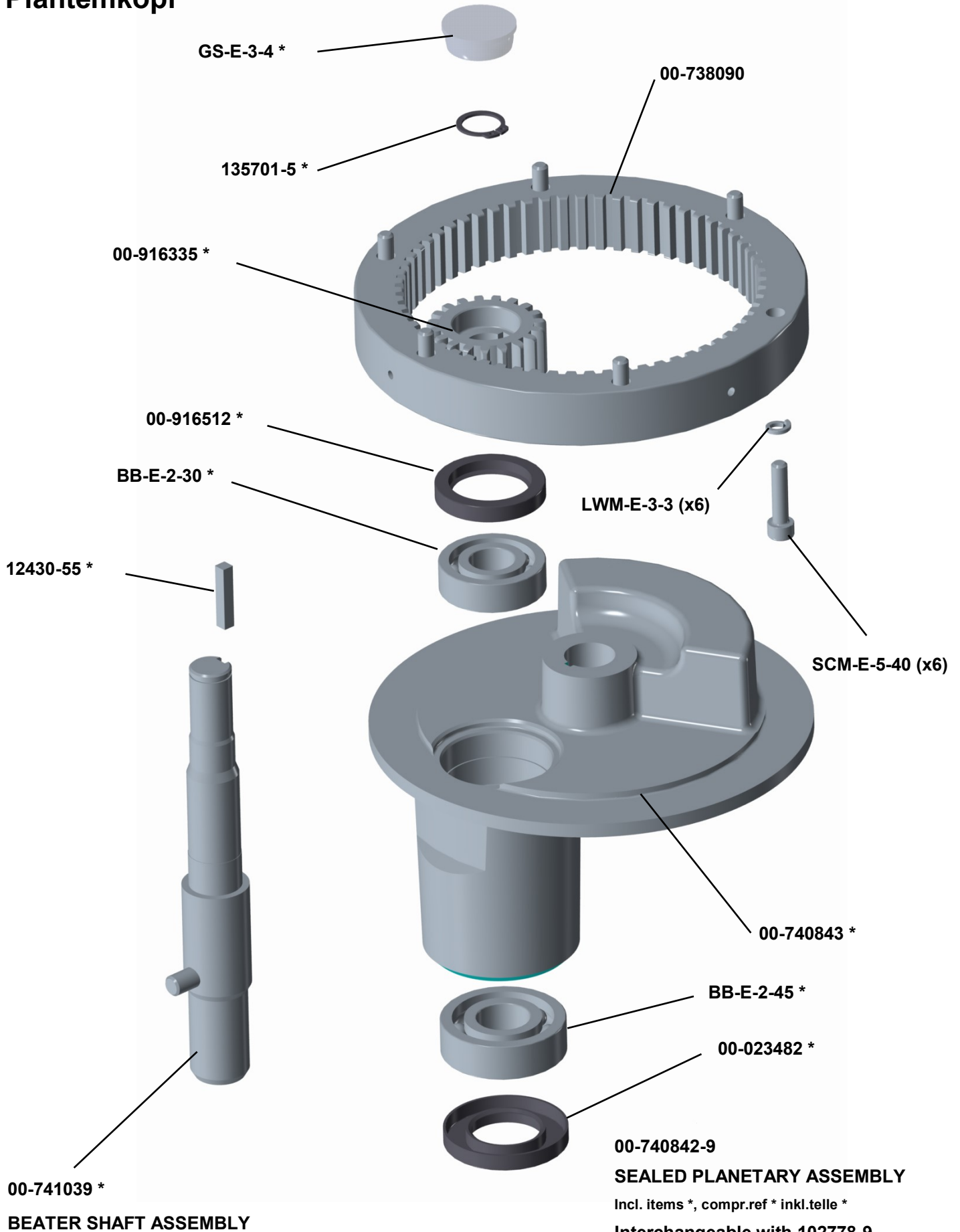
Geschwindigkeitswahlschalter



- 88795**
SHIFTER YOKE ASSEMBLY (incl. items*)
ensemble de la fourchette (compr. ref.**)
Schalter komplett (inkl. Teile *)
- 00-738951**
SHIFTER, ASSEMBLY (Incl. items.**)
manette de vitesses, ensemble (compr. ref.**)
Schaltermechanismus (inkl. Teile**)
- 00-738952**
SERVICE KIT GEAR CHANGE
KIT DE SERVICE CHANGEMENT D'ENGRENAGES

GEAR CHANGE SERIAL No
BREAK 97 0172 359
Ref ETI-PC 379

Planetary assembly
Ensemble du planétaire
Plantenkopf



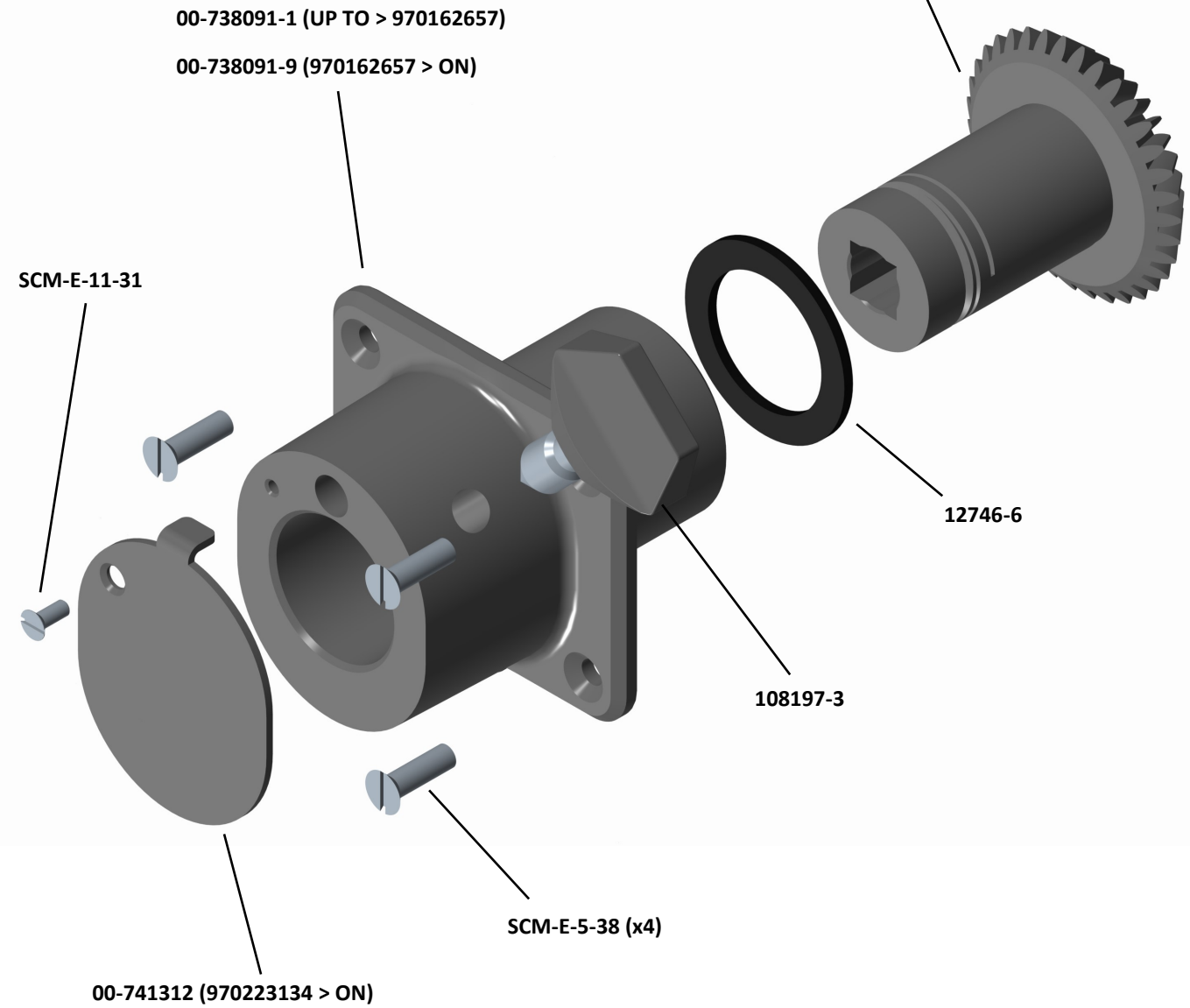
ATTACHMENT HUB

CANON PORTE ACCESSOIRES

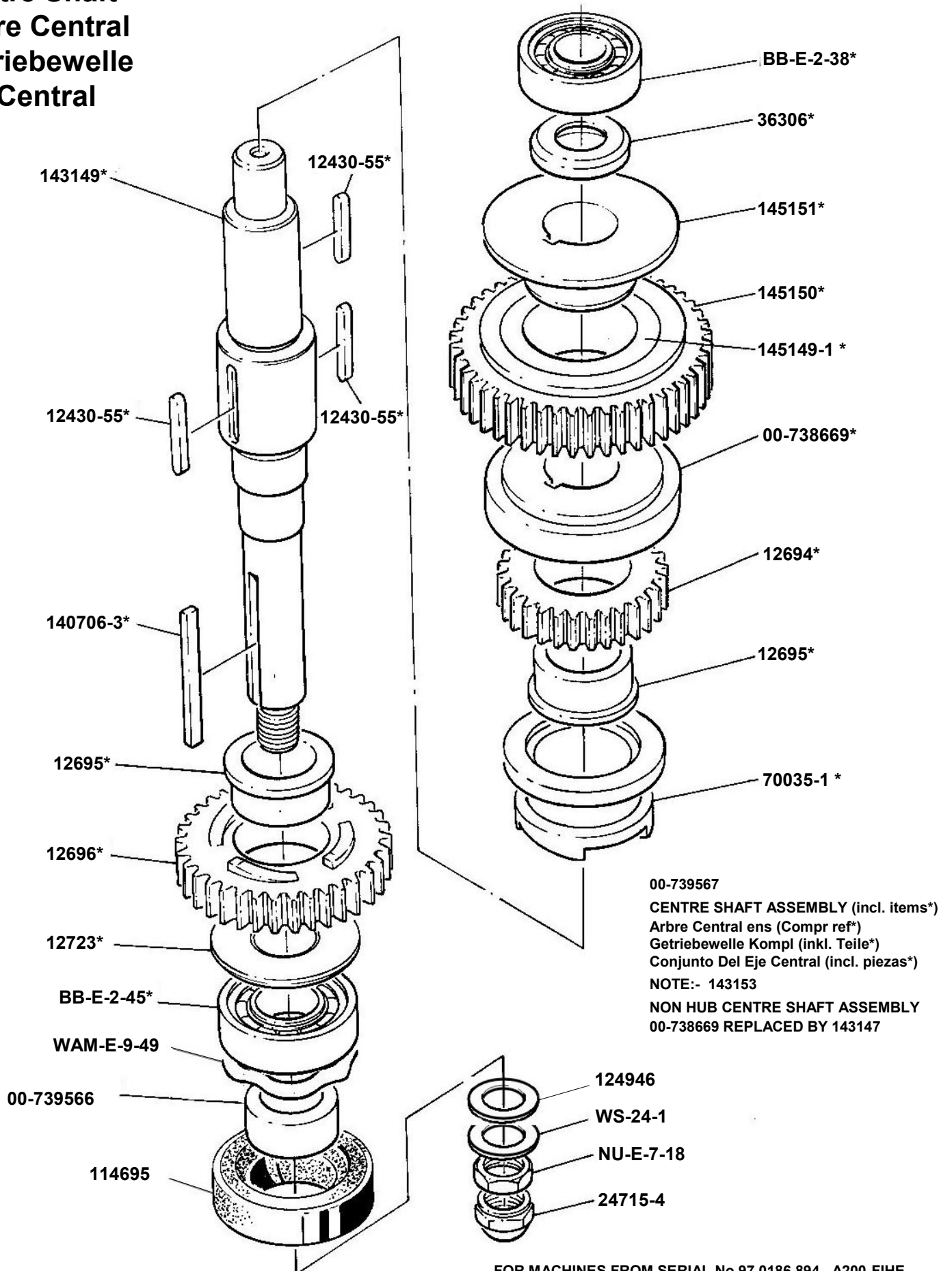
ANSATZNABE

137286 & WP-E-2-3 >SER No. 970167055

00-738780 SER No. 9701670556 <



**Centre Shaft
Arbre Central
Getriebewelle
Eje Central**

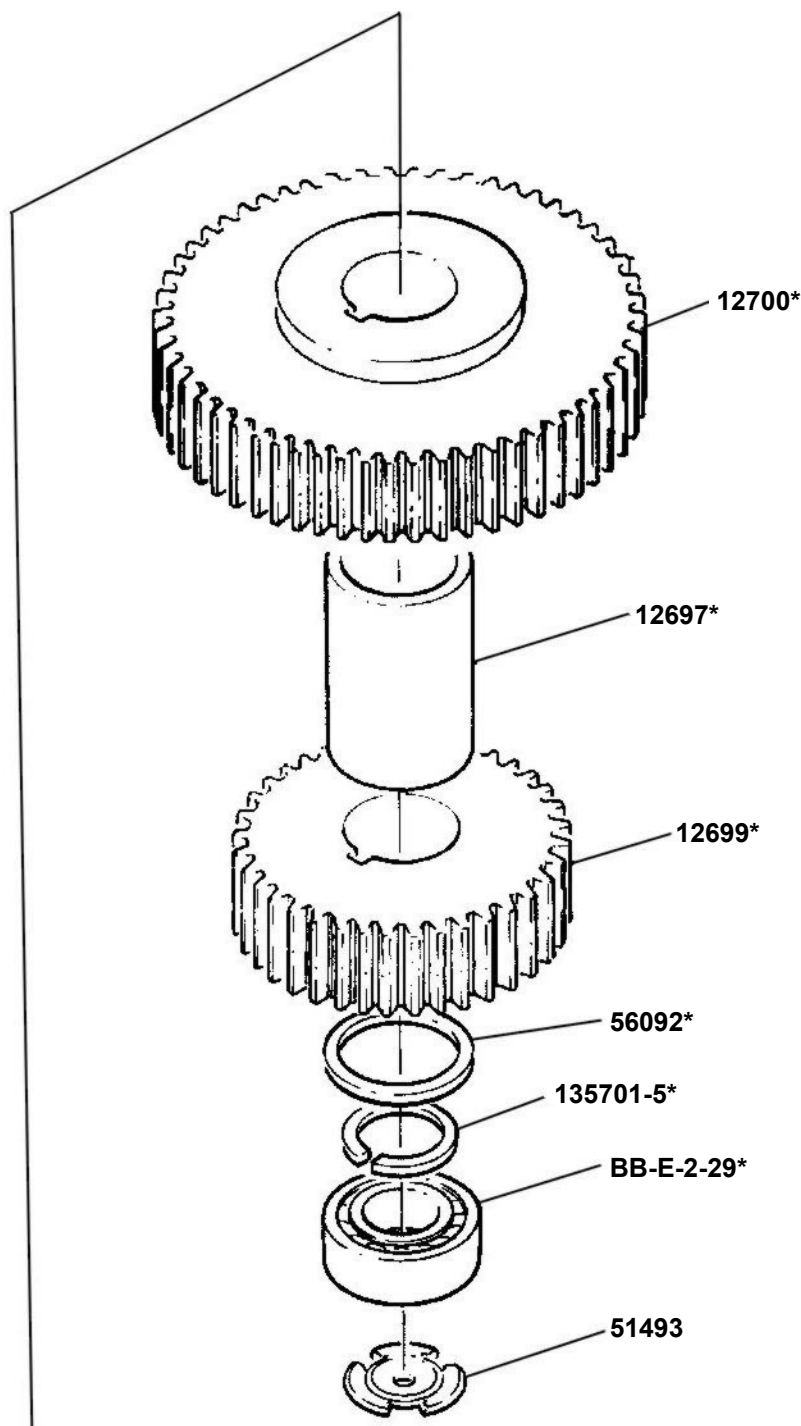
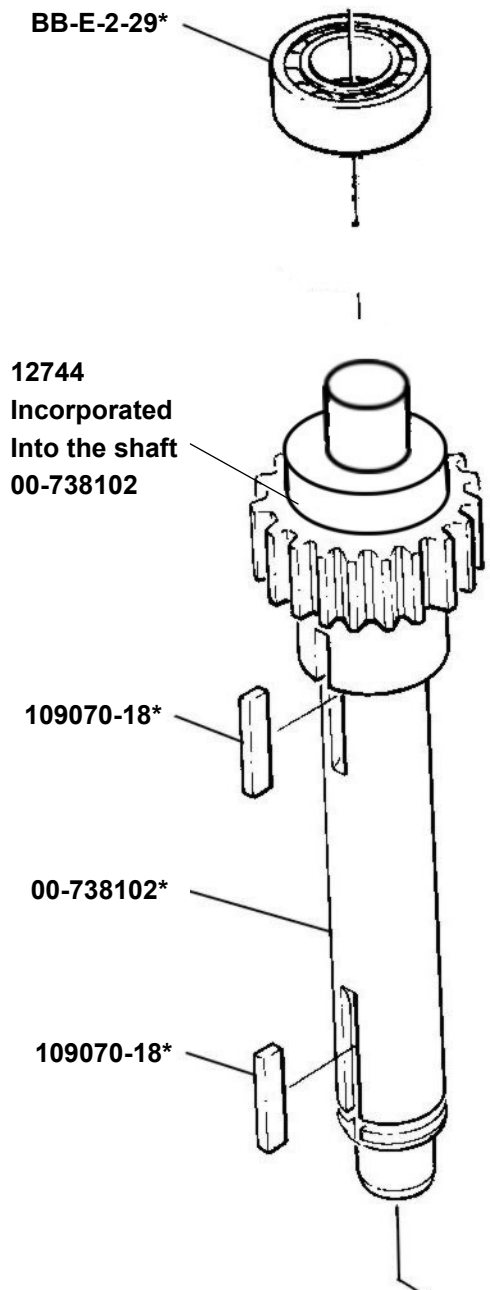


00-739567
CENTRE SHAFT ASSEMBLY (incl. items*)
 Arbre Central ens (Compr ref*)
 Getriebewelle Kompl (inkl. Teile*)
 Conjunto Del Eje Central (incl. piezas*)
 NOTE:- 143153
 NON HUB CENTRE SHAFT ASSEMBLY
 00-738669 REPLACED BY 143147

FOR MACHINES FROM SERIAL No 97 0186 894 A200-FIHE
 No 97 0186 957 A200-F3HE
 REF. TO PLE200460 APPENDIX 3 FOR PRIOR MACHINES

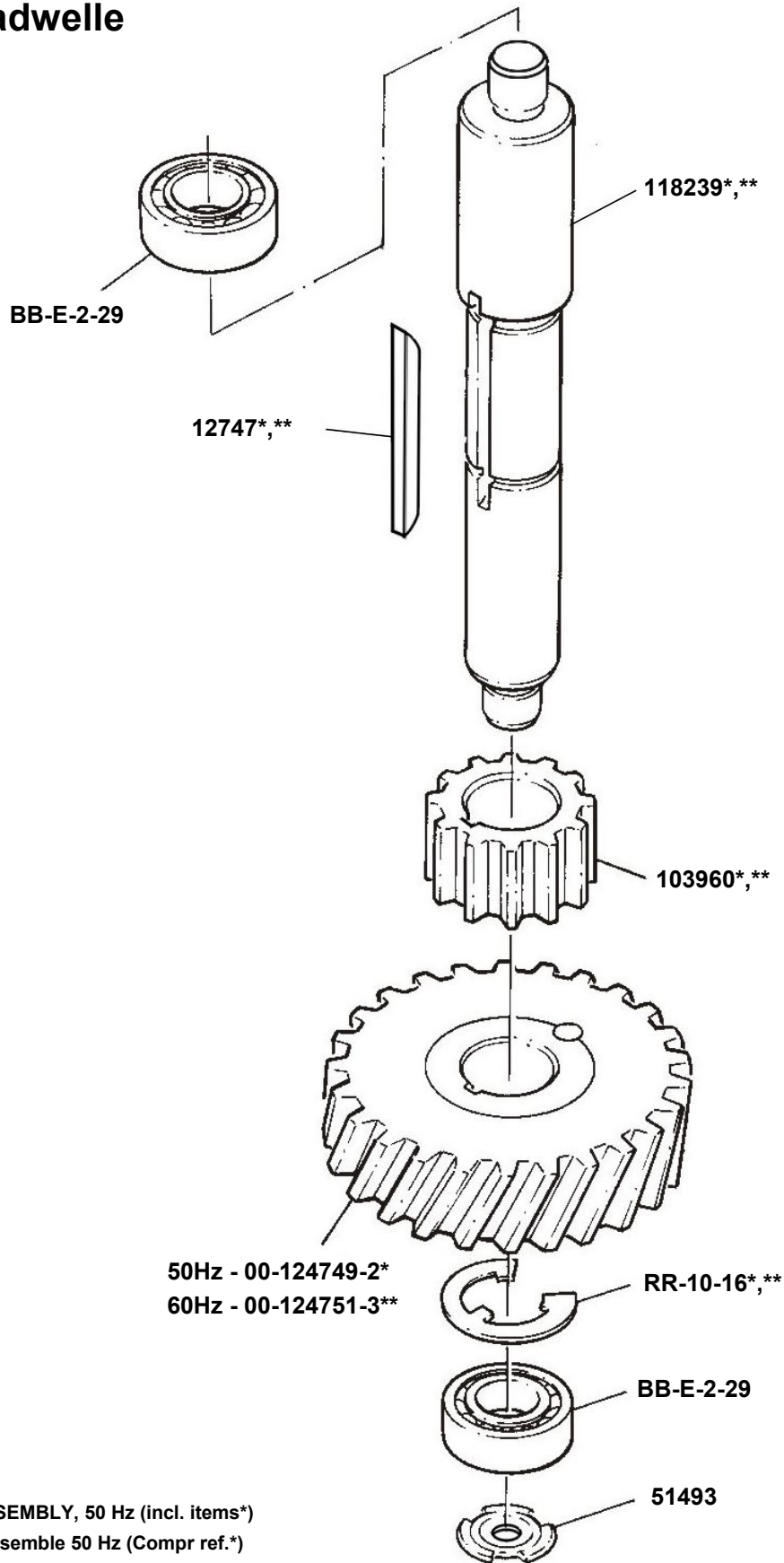
Transmission Shaft Arbre Intermediaire Antriebswelle

Note:- NU-E-5-19 NUT and thread on the shaft 00-738102 removed from mixers after 970167675



00-738115
TRANSMISSION SHAFT, ASSEMBLY (inc. item*)
Arbre intermediaire, anseble (compr. ref*)
Antriebwelle, komplett (inkl. Teile*)

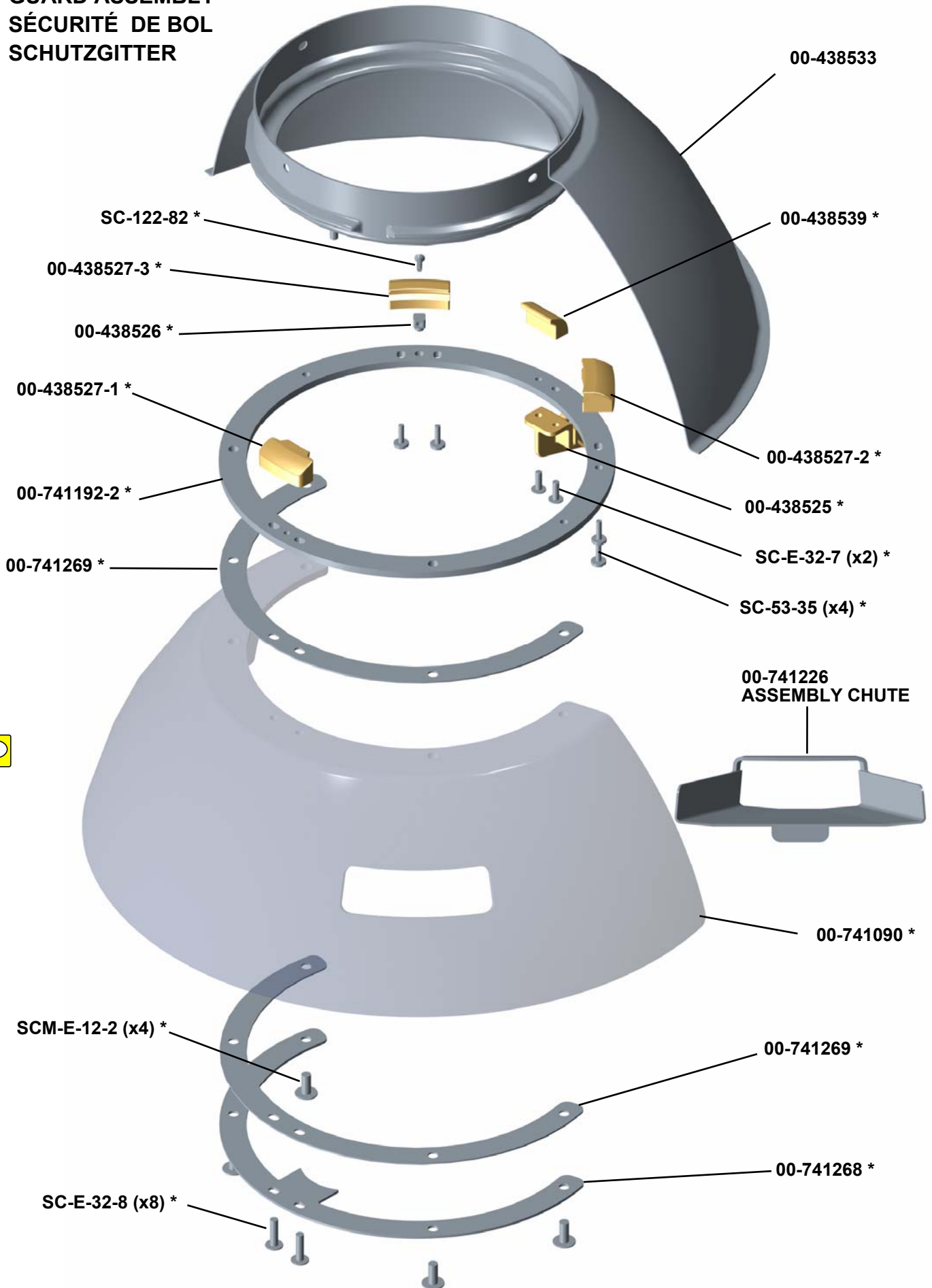
**Worm Gear Shaft
 Arbre roue hélicoïdale
 Schneckenradwelle**



136157-1
 WORM GEAR SHAFT ASSEMBLY, 50 Hz (incl. items*)
 Arbre roue hélicoïdale ensemble 50 Hz (Compr ref.*)
 Schneckenradwelle Kompl. 50Hz (inkl. Teille*)

136157-2
 WORM GEAR SHAFT ASSEMBLY, 60 Hz (incl. items**)
 Arbre roue hélicoïdale ensemble 60 Hz (Compr ref.**)
 Schneckenradwelle Kompl. 60Hz (inkl. Teille**)

**GUARD ASSEMBLY
SÉCURITÉ DE BOL
SCHUTZGITTER**

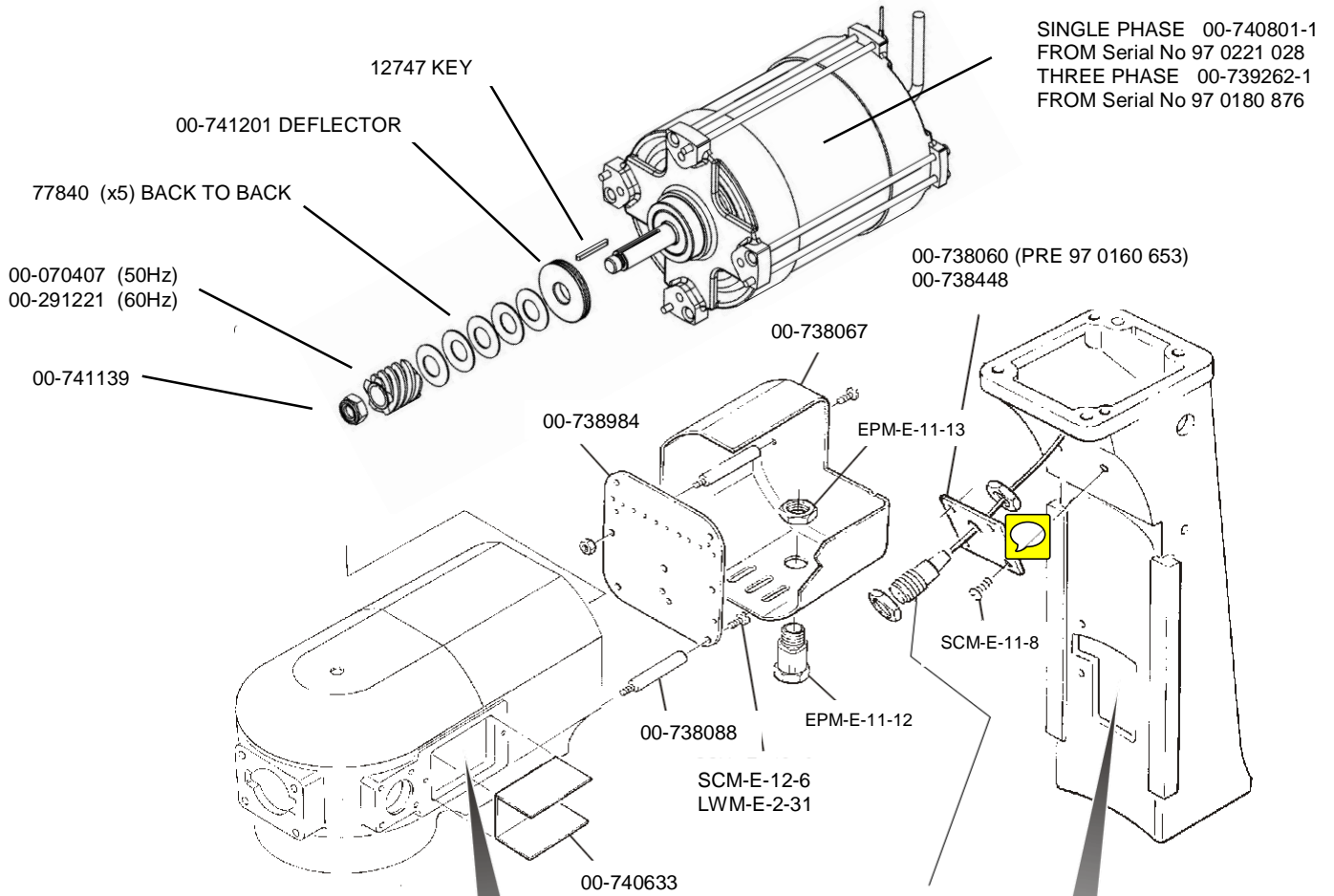


COMPLETE DUST GUARD ASSEMBLY: 00-741222

DUST GUARD SUB-ASSEMBLY: 00-741223 incl. items, compr. Ref, inkl. telle *

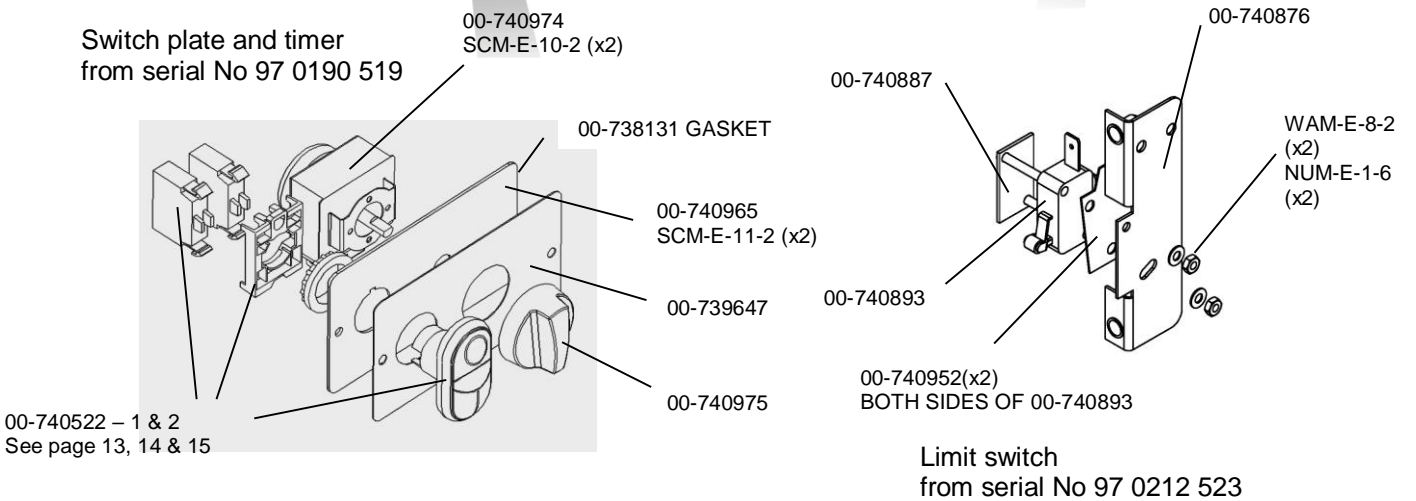
Electrical parts Pièces Electriques Elektoteile

See PLE200460 appendix page
1,4,12 and 13 for prior machines

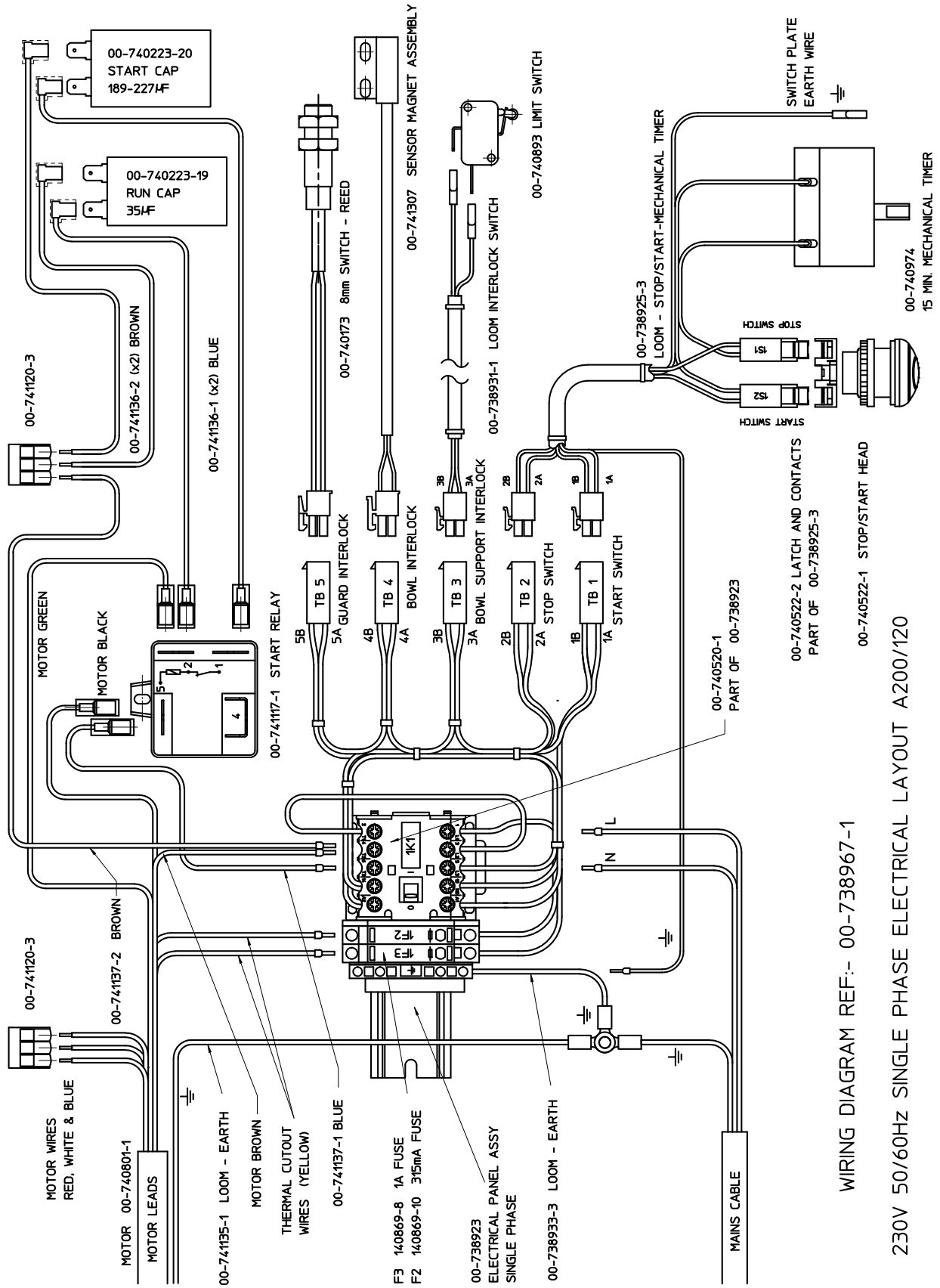


SINGLE PHASE 00-740801-1
FROM Serial No 97 0221 028
THREE PHASE 00-739262-1
FROM Serial No 97 0180 876

See page 13, 14 & 15

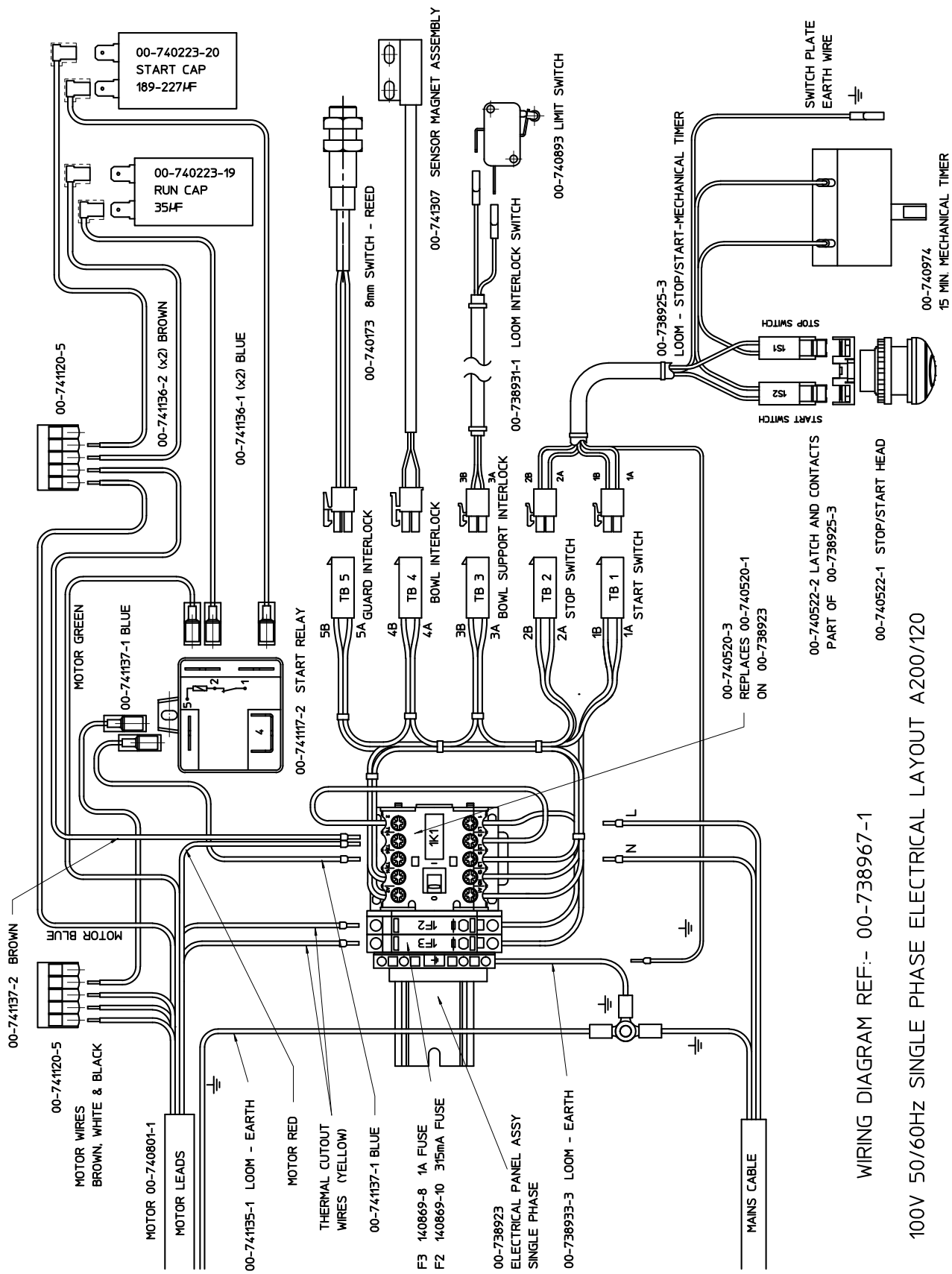


FROM SERIAL No 97 0221 028



WIRING DIAGRAM REF:- 00-738967-1

230V 50/60Hz SINGLE PHASE ELECTRICAL LAYOUT A200/120

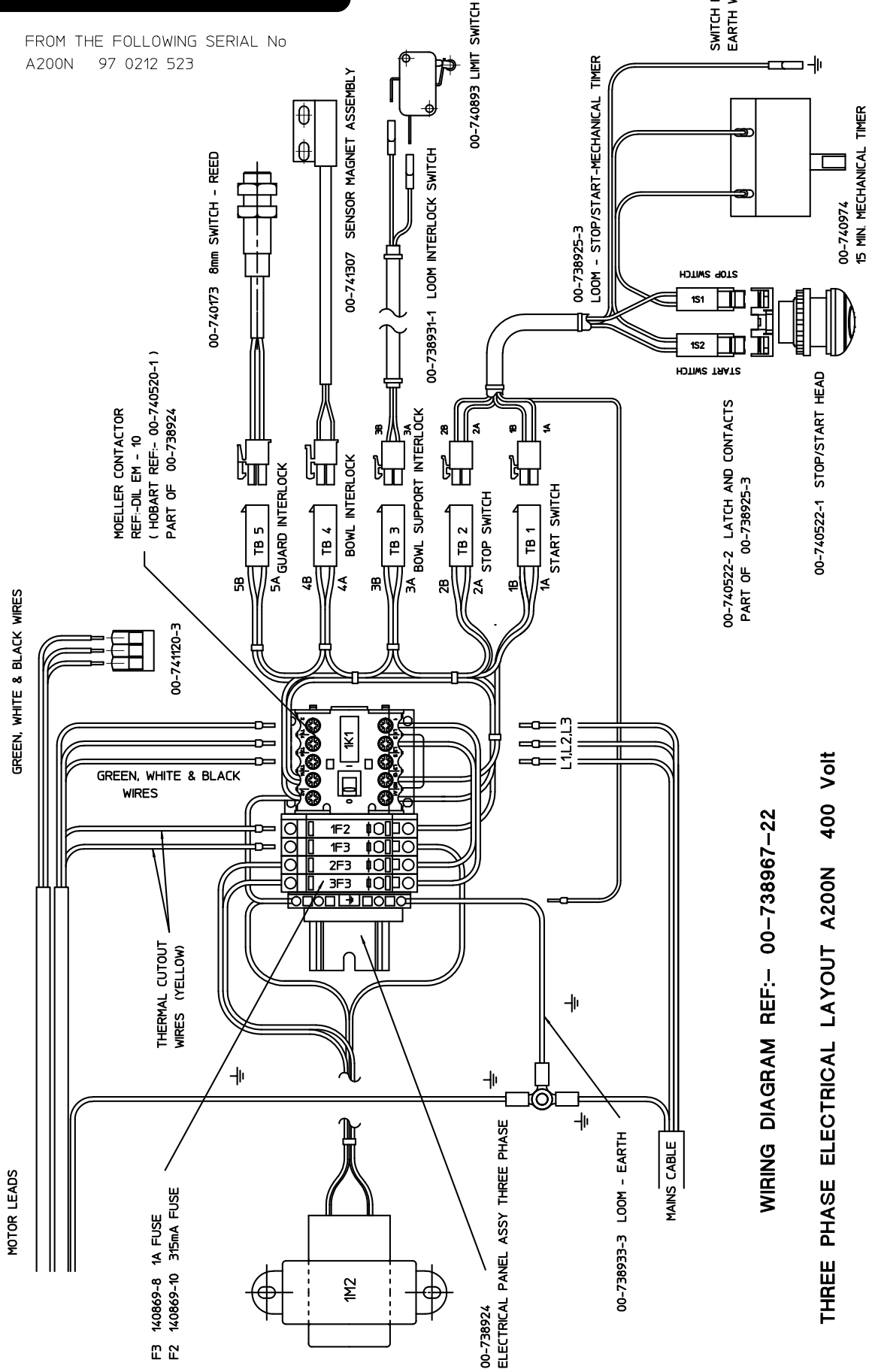


WIRING DIAGRAM REF:- 00-738967-1

100V 50/60HZ SINGLE PHASE ELECTRICAL LAYOUT A200/120



FROM THE FOLLOWING SERIAL No
A200N 97 0212 523

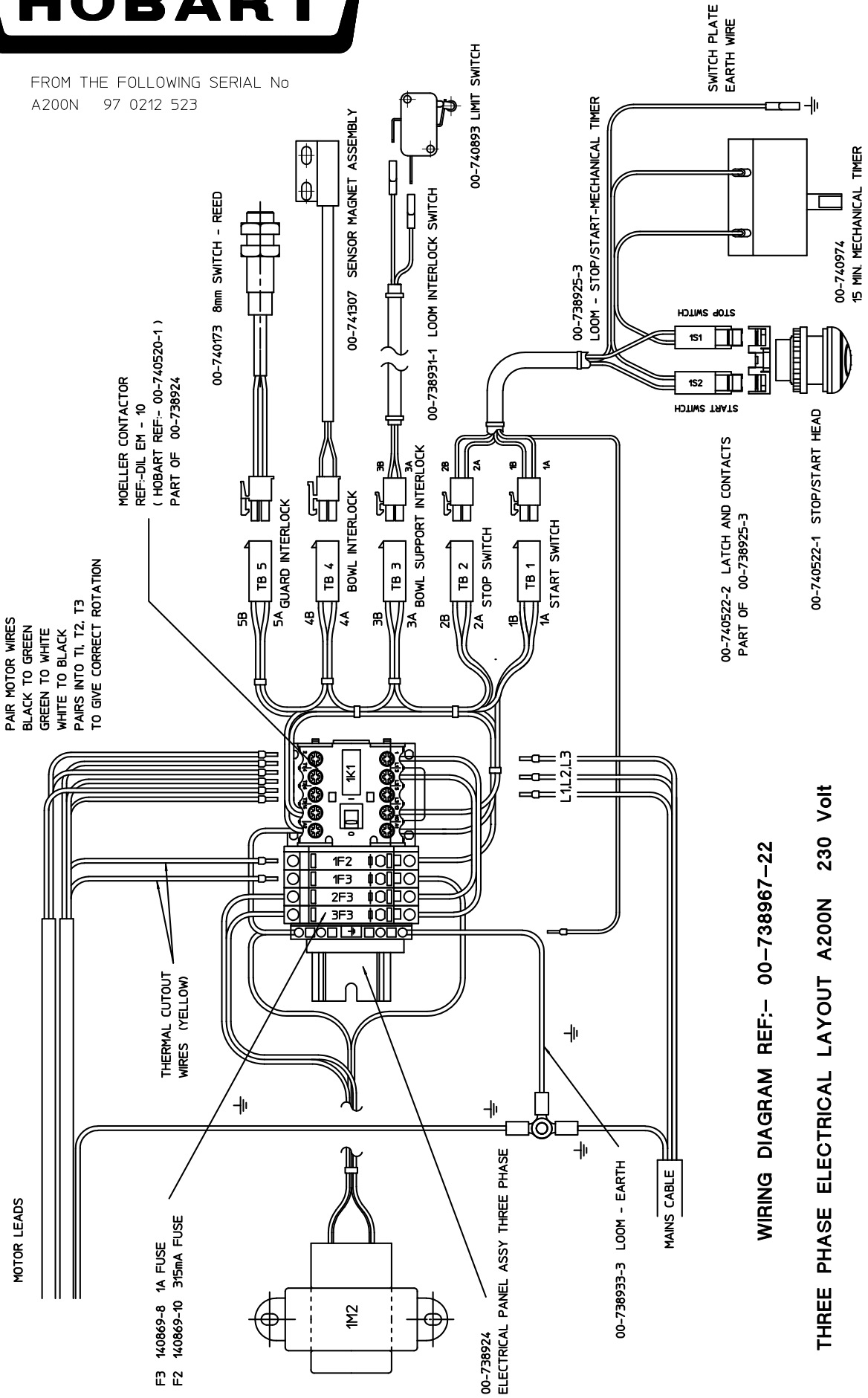


WIRING DIAGRAM REF:- 00-738967-22

THREE PHASE ELECTRICAL LAYOUT A200N 400 Volt

HOBART

FROM THE FOLLOWING SERIAL No
A200N 97 0212 523

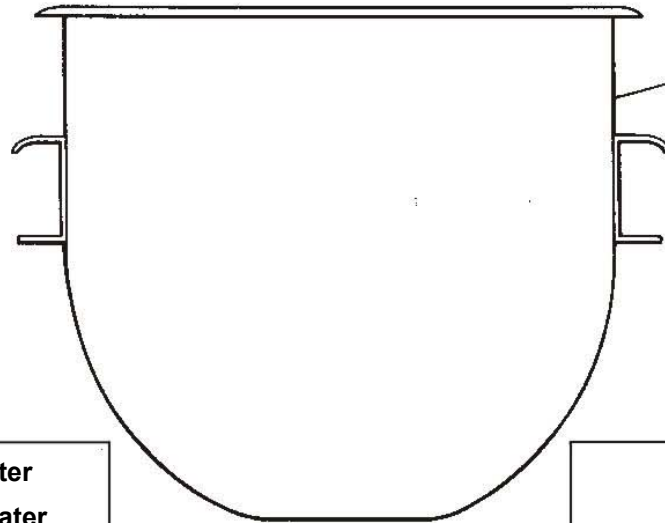


WIRING DIAGRAM REF:- 00-738967-22

THREE PHASE ELECTRICAL LAYOUT A200N 230 Volt

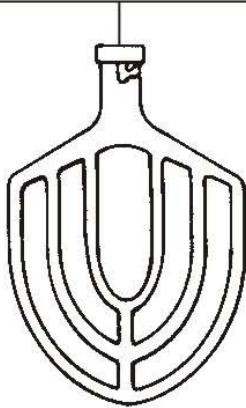
#

Agitators Agitateurs Rührwerkzeuge



00-741399 - 20Lt
00-741379 - 10Lt

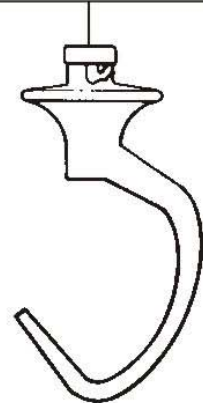
23126 20Lt "B" Beater
136915 10Lt "B" Beater
275559 "B" Beater ST.ST
136915-1 10Lt "B" Beater
ST.ST



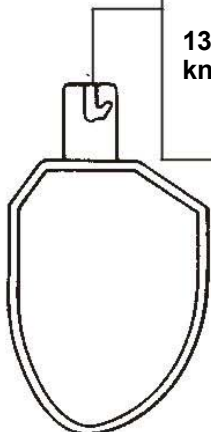
40293 20Lt "ED" Hook



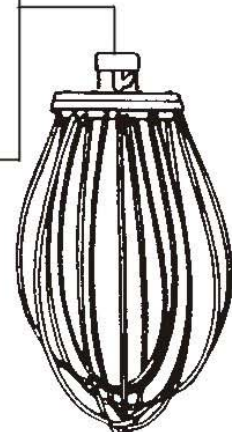
136912 10Lt "E" Hook



74286 20Lt "PK" Pastry
knife
136914-2 10Lt "PK" Pastry
knife ST.ST



23511-M 20D
Whip
140249 10D
Whip



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EU 9539**