

RADIONETTE

SM 230



SM 230G/GC

ILLUSTRERT DELELISTE

ILLUSTRATED PARTS LIST

Radionette SM 230-serien

SM 230-serien har fire mulige versjoner:
SM 230 (AM/FM-radio med stereo forsterker),
SM 230G og SM 230C som i tillegg har henholdsvis
platespiller og kassettpiller, og
SM 230GC med både platespiller og kassettpiller.

Denne illustrerte delelisten skal dekke alle modeller
av 230-serien. I den mekaniske delen går vi ut fra et
felles grunnsjassi, og behandler variantene etter tur.

Bestilling av deler

Ved alle henvendelser, vennligst oppgi apparatets
type og serienummer.

Ved bestilling av deler, oppgi bestillingsnummer
og beskrivelse.

Bestillingsadresse

Kontakt nærmeste Tandberg/Radionette-kontor eller
kontakt: Tandbergs Radiofabrikk A/S
Sentral Delelager-Service
Boks 218
1301 Sandvika, Norge
Tlf: (02) 54 48 60
Telex: 18007 kurer n

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Radionette series SM 230

Series SM 230 consists of four versions:
SM 230 (AM/FM radio with stereo amplifier),
SM 230G and SM 230C with additional record
player and cassette deck respectively, and
SM 230GC with both record player and cassette
deck.

This illustrated parts list covers all models of series
SM 230. As to the mechanical parts we start with
the basic chassis and go on with the differens versions.

Ordering of spare parts

For all enquiries, please state the set's type and
number.

When ordering, give the part's order number and
description.

Address

Contact your nearest Tandberg/Radionette office
or contact: Tandbergs Radiofabrikk S/S
Spares Department
P.O. Box 218
N1301 Sandvika, Norway
Tlf: (2) 54 48 60
Telex: 18007 kurer n.

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ELEKTRISKE DELER ELECTRICAL PARTS

DIODER / DIODES

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
CR101	290231	Diode BB 104/204 Blue	Blå	
CR102	290231	Diode BB 104/204 Blue	Blå	
CR103	290231	Diode BB 104/204 Blue	Blå	
CR104	352134	Diode BB 204 Green	Grønn	
CR105	257632	Diode BB 105G		
CR106	247007	Diode 1N 4148		
CR107	356919	Diode TIL 209 Light emitting	Lysdiode	
CR108	205068	Diode 2 AA 119		
CR109	247007	Diode 1N 4148		
CR110	247007	Diode 1N 4148		
CR201	247007	Diode 1N 4148		
CR202	247007	Diode 1N 4148		
CR204	247007	Diode 1N 4148		
CR205	247007	Diode 1N 4148		
CR206	247007	Diode 1N 4148		
CR301	247007	Diode 1N 4148		
CR302	247007	Diode 1N 4148		
CR304	247007	Diode 1N 4148		
CR305	247007	Diode 1N 4148		
CR306	247007	Diode 1N 4148		
CR404	266835	Diode 1N 4742A Zener 12V		
CR504	205068	Diode AA 119		
AM-VERSION				
CR501	205068	Diode 2AA 119		
CR502	247007	Diode 1N 4148		
CR503	247007	Diode 1N 4148		
CASSETTE-VERSION				
CR621	247007	Diode 1N 4148		
CR622	247007	Diode 1N 4148		
CR651	247007	Diode 1N 4148		
CR721	247007	Diode 1N 4148		
CR722	247007	Diode 1N 4148		
CR751	247007	Diode 1N 4148		
CR820	247007	Diode 1N 4148		
CR821	247007	Diode 1N 4148		
CR825	356919	Diode TIL 209 Light emitting	Lysdiode	
END STOP				
CR840	936090	Diode 1N 34A		
CR841	936090	Diode 1N 34A		
CR842	937919	Diode 10D1		

INTEGRERTE KRETSE / INT.CIRCUITS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
U1	349757	Int.circuit TDA 1047	Krets, FM	FM
U2	293594	Int.circuit MC 1310P	Krets, decoder	St. decoder
AM-VERSION				
U3	328729	Int.circuit TCA 440	Krets, AM	AM

FILTER / FILTERS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
FC1	350079	Filter, Cer. 10.7 MHz	FM	FM
FC2	350079	Filter, Cer. 10.7 MHz	FM	FM
FC3	328772	Filter, SFD 455B	AM	AM

SPES.KONDENSATORER / SPEC.CAPACITORS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
C103	354864	Capacitor, trim, 1.5-9 pF	Triko	
C109	354864	Capacitor, trim, 1.5-9 pF	Triko	
C110	354864	Capacitor, trim, 1.5-9 pF	Triko	
C125	263501	Capacitor, trim, 1.4-6 pF	Triko	
C265	285168	Capacitor, E.lyt. 2200 uF, 40V	Elko	
C365	285168	Capacitor, E.lyt. 2200 uF, 40V	Elko	
C408	308923	Capacitor, E.lyt. 4700 uF, 50V	Elko	
AM-VERSION				
C503	323973	Capacitor, trim, 2-22 pF	Triko	
C506	323973	Capacitor, trim, 2-22 pF	Triko	
C507	323973	Capacitor, trim, 2-22 pF	Triko	
C512	354060	Capacitor, var.	Kond. dreie	
C513	323973	Capacitor, trim, 2-22 pF	Triko	
CASSETTE-VERSION				
C630	319786	Capacitor, trim, 10-60 pF	Triko	
C730	319786	Capacitor, trim, 10-60 pF	Triko	

LIKERETTERE / RECTIFIERS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
D1	355927	Rectifier B40C3200 T2206	Likeretter	
CASSETTE-VERSION				
D801	298227	Rectifier WS005/WO005	Likeretter	

LAMPER / LAMPS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
	354274	Bulb, 6V 3W 36 x 6 mm	Lampe	Dial/skala
	310124	Bulb, 12V 3W 36 x 6 mm	Lampe	Stab.
	341316	Bulb, 12-15V 1W	Lampe	Meters/instrumenter

SPES.MOTSTANDER / SPEC.RESISTORS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
R138	347392	Resistor NTC 10 kohm, 642 12103	Motstand, NTC	
R286	291790	Resistor W.W. 0.22 ohm, 1W	Motstand, tråd	
R287	291790	Resistor W.W. 0.22 ohm, 1W	Motstand, tråd	
R290	281467	Resistor W.W. 68 ohm, 1W	Motstand, tråd	
R386	291790	Resistor W.W. 0.22 ohm, 1W	Motstand, tråd	
R387	291790	Resistor W.W. 0.22 ohm, 1W	Motstand, tråd	
R390	281467	Resistor W.W. 68 ohm, 1W	Motstand, tråd	
R412	286834	Resistor S6, 180 ohm, 1W	Motstand, sjikt	

SIKRINGER / FUSES

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
S1	269450	Fuse, 1.25A, 5 x 20 mm	Sikring	
S2	291151	Fuse, 3.15 AS, 5 x 20 mm	Sikring	

SPOLER / COILS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
L101	281001	Coil, Balun	Spole, balun	
L102	351782	Coil, FM Ant. circ.	Spole	
L103	351782	Coil, FM-HF	Spole	
L104	351782	Coil, FM-HF	Spole	
L105	980087	Coil, choke	Spole	
L106	353463	Coil, FM oscillator	Spole	
L107	980315	Coil, FM-IF	Spole	
L108	980315	Coil, Antenna choke	Spole	
L109	980317	Coil, FM detector	Spole	
L201	353571	Coil, 22mH, choke	Spole	
L220	980226	Coil, choke	Spole	
L301	353571	Coil, 22 mH, choke	Spole	
L302	351430	Coil, 33 mH, choke	Spole	
L320	980226	Coil, choke	Spole	
L401	283846	Coil, 15 uH	Spole	
AM-VERSION				
L501	980184	Coil, MW input	Spole	
L502	980185	Coil, LW input	Spole	
L503	980327	Coil, oscillator	Spole	
L507	980329	Coil, IF sec.	Spole	
L508	980330	Coil, AM det.	Spole	
L506	980328	Coil	Spole	MF prim.
CASSETTE-VERSION				
L621	980168	Coil	Spole	
L721	980168	Coil	Spole	
L801	980142	Coil, osc.	Spole	

POT.METERE / POT. METERS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
R132	289248	Pot.meter 5 kohm	Muting nivå	Muting treshold
R149	283688	Pot.meter 10 kohm	Ind.signalstyrke	Signal level ind.
R160	289248	Pot.meter 5 kohm	19 kHz filter	19 kHz filter
R166	260584	Pot.meter 25 kohm	Kanalsep.	Ch.separation
R170	350029	Pot.meter 100 kohm	FM	FM
R171	353743	Pot.meter 100 kohm	P1	P1
R172	353743	Pot.meter 100 kohm	P2	P2
R173	353743	Pot.meter 100 kohm	P3	P3
R174	353743	Pot.meter 100 kohm	P4	P4
R175	353743	Pot.meter 100 kohm	P5	P5
R176	283688	Pot.meter 10 kohm	Varicap-sp.	Varicap voltage
R177	283688	Pot.meter 10 kohm	Varicap-sp.	Varicap voltage
R227	363182	Pot.meter 2 x 47 kohm	Volum	Volume
R228	350259	Pot.meter 2 x 47 kohm	Balanse	Balance
R246	356481	Pot.meter 2 x 22 kohm	Diskant	Treble
R248	356481	Pot.meter 2 x 22 kohm	Bass	Bass
R275	291474	Pot.meter 100 ohm	Hvilestrøm	Quiescent curr.
R327	363182	Pot.meter 2 x 47 kohm	Volum	Volume
R328	350259	Pot.meter 2 x 47 kohm	Balanse	Balance
R346	356481	Pot.meter 2 x 22 kohm	Diskant	Treble
R348	356481	Pot.meter 2 x 22 kohm	Bass	Bass
R375	271474	Pot.meter 100 ohm	Hvilestrøm	Quiescent curr.
R407	285849	Pot.meter 1 kohm	+ 25, 0V	+ 25.0V
AM-VERSION				
R518	294823	Pot.meter 5 kohm	AM	AM
R519	288019	Pot.meter 2,5 kohm	Ind. AM-signal	Ind. AM-signal
CASSETTE-VERSION				
R807	285849	Pot.meter 1 kohm	BIAS, chrom	

TRANSISTORER / TRANSISTORS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
Q101	282925	Transistor 40822/MFE 140		
Q102	282925	Transistor 40822/MFE 140		
Q103	353815	Transistor BF 906		
Q105	353815	Transistor BF 906		
Q201	239400	Transistor BC 549B		
Q202	239400	Transistor BC 549B		
Q205	246483	Transistor BC 549C		
Q206	309139	Transistor BC 558C		
Q208	230291	Transistor BC 547B		
Q209	246483	Transistor BC 549C		
Q210	230291	Transistor BC 547B		
Q211	230291	Transistor BC 547B		
Q213	344167	Transistor BC 490B		
Q214	286360	Transistor MPS A13 N-D		
Q215	232719	Transistor BC 548		
Q216	274599	Transistor BC 558A		
Q219	333751	Transistor BD 697A		
Q220	333399	Transistor BD 698A		
Q301	239400	Transistor BC 549B		
Q302	239400	Transistor BC 549B		
Q305	246483	Transistor BC 549C		
Q306	309139	Transistor BC 558C		
Q308	230291	Transistor BC 547B		
Q309	246483	Transistor BC 549C		
Q310	230291	Transistor BC 547B		
Q311	230291	Transistor BC 547B		
Q313	344167	Transistor BC 490B		
Q314	286360	Transistor MPS A13 N-D		
Q315	232719	Transistor BC 548B		
Q316	274599	Transistor BC 558A		
Q319	333751	Transistor BD 697A		
Q320	333399	Transistor BD 698A		
Q405	231261	Transistor BC 548C		
Q406	349145	Transistor BC 487B		
Q407	288830	Transistor BD 165		
Q410	230291	Transistor BC 547B		
AM-VERSION				
Q501	230291	Transistor BC 547B		
CASSETTE-VERSION				
Q621	246483	Transistor BC 549C		
Q622	246483	Transistor BC 549C		
Q641	246483	Transistor BC 549C		
Q642	246483	Transistor BC 549C		
Q643	246483	Transistor BC 549C		
Q651	246483	Transistor BC 549C		
Q652	246483	Transistor BC 549C		
Q653	246483	Transistor BC 549C		
Q721	246483	Transistor BC 549C		
Q722	246483	Transistor BC 549C		
Q751	246483	Transistor BC 549C		
Q752	246483	Transistor BC 549C		
Q753	246483	Transistor BC 549C		
Q801	246483	Transistor BC 549C		
Q802	246483	Transistor BC 549C		
Q821	246483	Transistor BC 549C		
Q822	246483	Transistor BC 549C		
END STOP				
Q840	937081	Transistor 2SC 458		
Q841	937918	Transistor 2SC 1317		
MOTOR CONTROL				
Motor	762835	Transistor 2SCA 564		
Motor	937922	Transistor 2SC 1368		

KONTAKTER OG VENDERE
CONNECTORS AND SWITCHES

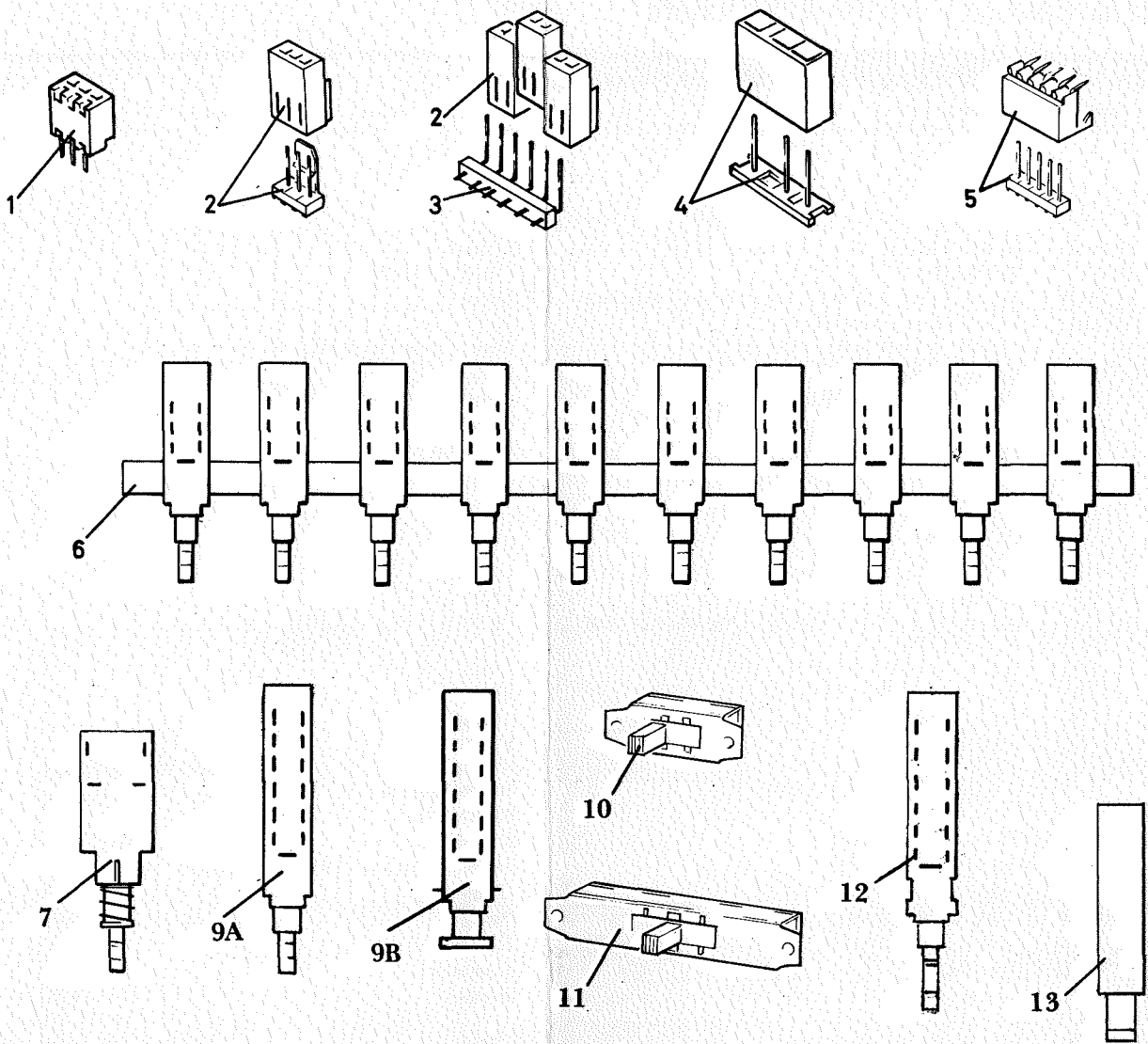


Fig. 1. Kontakter og vender
Connectors and switches

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
1	318320	Connector, fixed, 3 pole	Kontakt	
2	995818	Connector, 2 pole, small	Kontakt	
	995819	Connector, 3 pole, small	Kontakt	
	995823	Connector, 7 pole, small	Kontakt	
3	317552	Connector, fixed, 6 pole	Plint	
4	996300	Connector, 3 pole, large	Kontakt	
5	995094	Connector, 5 pole, small	Kontakt	
	995095	Connector, 9 pole, small	Kontakt	
6	364375	Switch, push	Vender	Mono,AFC,FM, P1,P2,P3,P4,P5 Phono, Tape
7	295892	Switch, push	Vender	ON-OFF
9A	352802	Switch, push	Vender	AM
9B	362694	Switch, push	Vender	AM
10	352450	Switch, slide	Vender	
11	350769	Switch, slide	Vender	Speakers
12	358643	Switch, push	Vender	Special
13	357105	Switch, push	Vender	Record

SM 230/G/C/GC

MEKANISKE DELER / MECHANICAL PARTS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
1	364001	Cover, bottom	Deksel	
2	363922	Transformer	Transformator	
3	345389	Screw, plate, 3.5 x 9.5 mm hex hd, w/collar	Skrue	
4	950285	Board, power transformer (supplied with index 5,6 and 7)	Kort (levert m/index 5,6,7)	
5	277509	Holder, fuse	Holder	
6	291151	Fuse, 3.15A, 5 x 20 mm, slow	Sikring	
7	269450	Fuse, 1.25A, 5x20 mm,slow	Sikring	
8	335927	Cable, power, with plug	Ledning	
12	352257	Label, SM 230G/STD.	List	
	350224	Label, SM 230C/GC	List	
	358004	Label, SM 230G/STD.-AM	List	
	359685	Label, SM 230C/GC-AM	List	
13	350431	Cover, bottom, plastic	Luke	
14	356882	Spring, flat	Fjær	
15	346854	Screw, plate, 3.5 x 6.3 mm hex hd, w/collar	Skrue	
16	362996	Foot, rubber	Fot	
17	321603	Screw, 4 x 10 mm ch hd	Skrue	
18	347939	Plate, guide SM 230 (FM)	Skinne	
	352896	Plate, guide SM 230 AM	Skinne	
19	356580	Spring, flat	Fjær	
20A	950291	Knob, black, plastic (Supplied with index 20B)	Knapp (levert m/index 20B)	Speakers,Bass,Treble Balance, Volume
20B	*	Clip	Ring	
21A	950330	Knob, black, plastic (Supplied with index 21B)	Knapp (Levert m/index 21B)	Speakers, Bass, Treble, Balance, Volume
21B	*	Clip	Ring	
22	350604	Plug, black, plastic	Plugg	Filterhull
23A	950250	Socket, jack, 3 pole 1/4 in.	Kontakt	
23B	950334	Socket, jack, 3 pole 1/4 in.	Kontakt	
24A	354763	Button, push, black, plastic	Knapp	ON-OFF,Mono,AFC,FM P1,P2,P3,Phono, Tape
24B	363678	Button, push, black, plastic	Knapp	ON-OFF, Mono, AFC, FM, P1, P2, P3,Phono, Tape
25	350963	Arm, switch, plastic	Stag	
26	352450	Switch, slide	Vender	
27A	950290	Knob, black, plastic (Supplied with index 27B)	Knapp (Levert m/index 27B)	Tuning
27B	*	Clip	Ring	
28A	950331	Knob, black, plastic (Supplied with index 28B)	Knapp (Levert m/index 28B)	Tuning
28B	*	Clip	Ring	
29	346510	Holder, bevel gearwheel, plastic	Holder	
30	350402	Screw, plate, 3.5 x 13 mm hex hd, w/collar	Skrue	
31	348191	Gearwheel, bevel, plastic	Tannhjul	
32	355790	Spindle	Aksel	
33	347839	Gearwheel, bevel, plastic	Hjul	
34	346158	Gearwheel, bevel, plastic	Hjul	
35	201003	Ring, retaining, external, 4 mm	Ring	
36	342264A	Wheel, cord	Hjul	
38	950289	Cord, with spring (supplied with index 39 and 40)	Skalsnor (levert m/index 39,40)	
39	321309	Cord	Snor	
40	357033	Spring	Fjær	
41	353650	Plate, guide, plastic	Plate	
42	354684	Pulley, plastic	Hjul	
43	950288	Cursor, with tape	Viser	
44A	353082	Knob, black, plastic	Knapp	
44B	363326	Knob, black, plastic	Knapp	
45	350187	Plate, cursor, plastic SM 230 (FM)	Plate	
	354843	Plate, cursor, plastic SM 230AM	Plate	

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
46	217905	Pad, 7 x 1.5 mm, felt	Knott	
47	319872	Diode, RL 209 light emitting	Diode	
48	950287	Board, FM potentiometer SM 230 (FM) (supplied with index 44,49 to 52 incl.)	Kort (1 evert m/index 44, 49-52)	
	950325	Board, FM potentiometer SM 230 (supplied with index 44,49 to 52 incl.)	Kort (levert m/index 44. 49-52)	
49	353743	Potentiometer, 100 kohm	Potensiometer	R171 to R175
50	348219	Guide, cursor, left plastic	Holder	
51	346538	Guide, cursor, right, plastic	Holder	
52	351804	Cursor	Bånd	
53	950326	Board, main	Kort	
54	352458	Heatsink	Skinne	
55	342803	Holder, transistor mounting, plastic	Bøyle	
56	267696	Socket, loudspeaker, DIN	Kontakt	Speakers
57	321273	Socket, antenna	Kontakt	FM Ant. 300 ohm
58	950228	Cable, FM antenna, with plug	Ledning	
59	351524	Socket, antenna	Kontakt	
60	340813	Screw, plate, 1/4" No. 2 pan hd	Skrue	
61	268832	Socket, 5 pin DIN 180 degrees	Kontakt	Gram, tape
62	351042	Box, tuner	Vinkel	
63	352228	Cover, tuner	Lokk	
64	227791	Box	Boks	
65	351653	Plate	Skinne	
68	234867	Holder	Holder	
69	310124	Bulb, 12V 3W	Lampe	
70	357752	Heatsink	Kjølefinne	
71	218675	Screw, plate, 3/8" No. 4 hex hd	Skrue	
73	227209	Screw, plate, 1/4" No 4 pan hd	Skrue	
74	358563A	Screen	Skjerm	
75	351753A	Spindle, plastic	Aksel	
76	351947	Bracket, spindle, plastic	Holder	
77	350072	Arm, switch, plastic	Stag	
78	213826	Ring, retaining, external, 6 mm	Ring	
79	350769	Switch, slide	Vender	
80	950332	Set of knobs, modified (index b)	Knappesett (index b)	

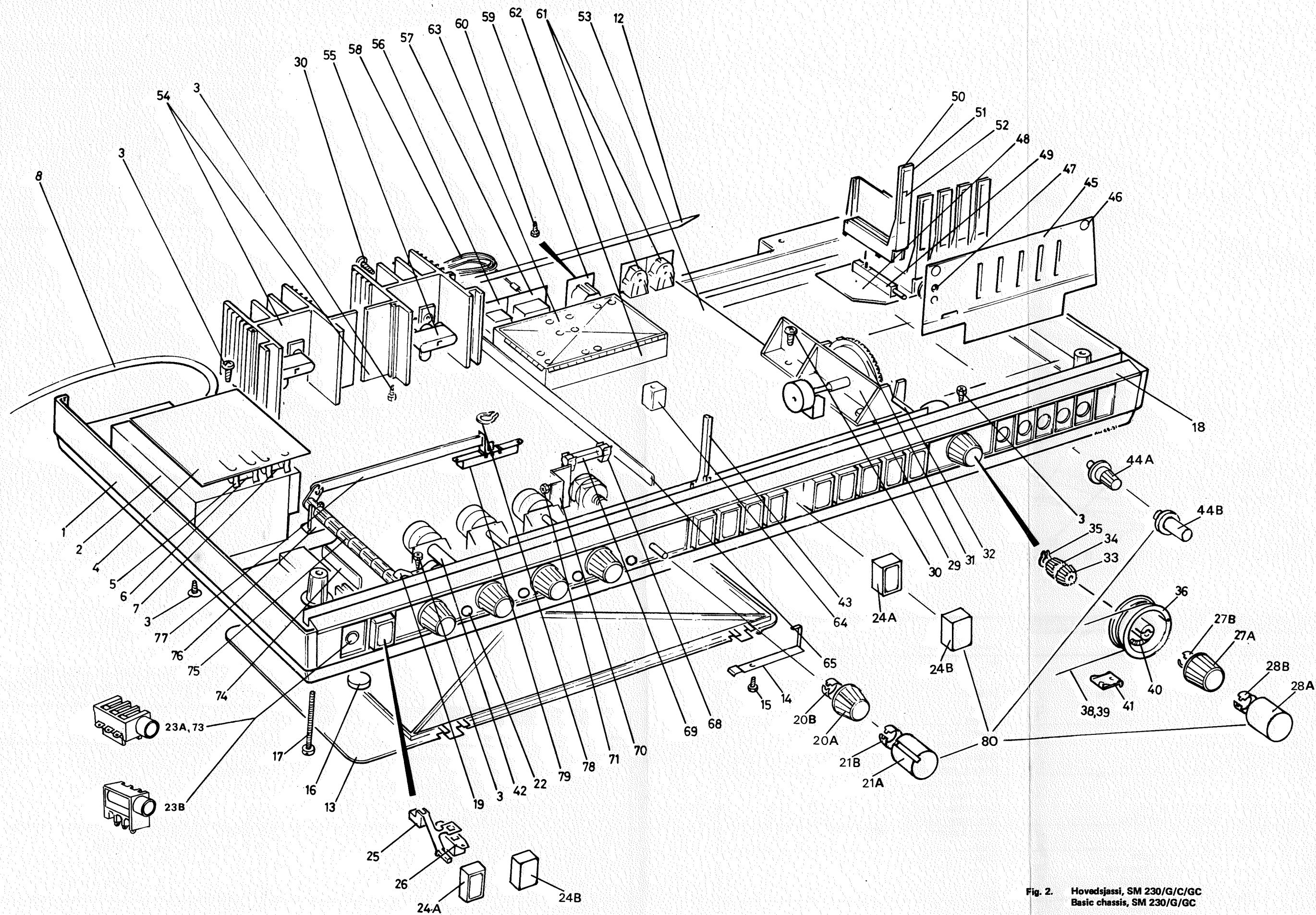


Fig. 2. Hovedsjassi, SM 230/G/C/GC
Basic chassis, SM 230/G/GC

SM 230/C
KABINETTDELER / CABINET PARTS

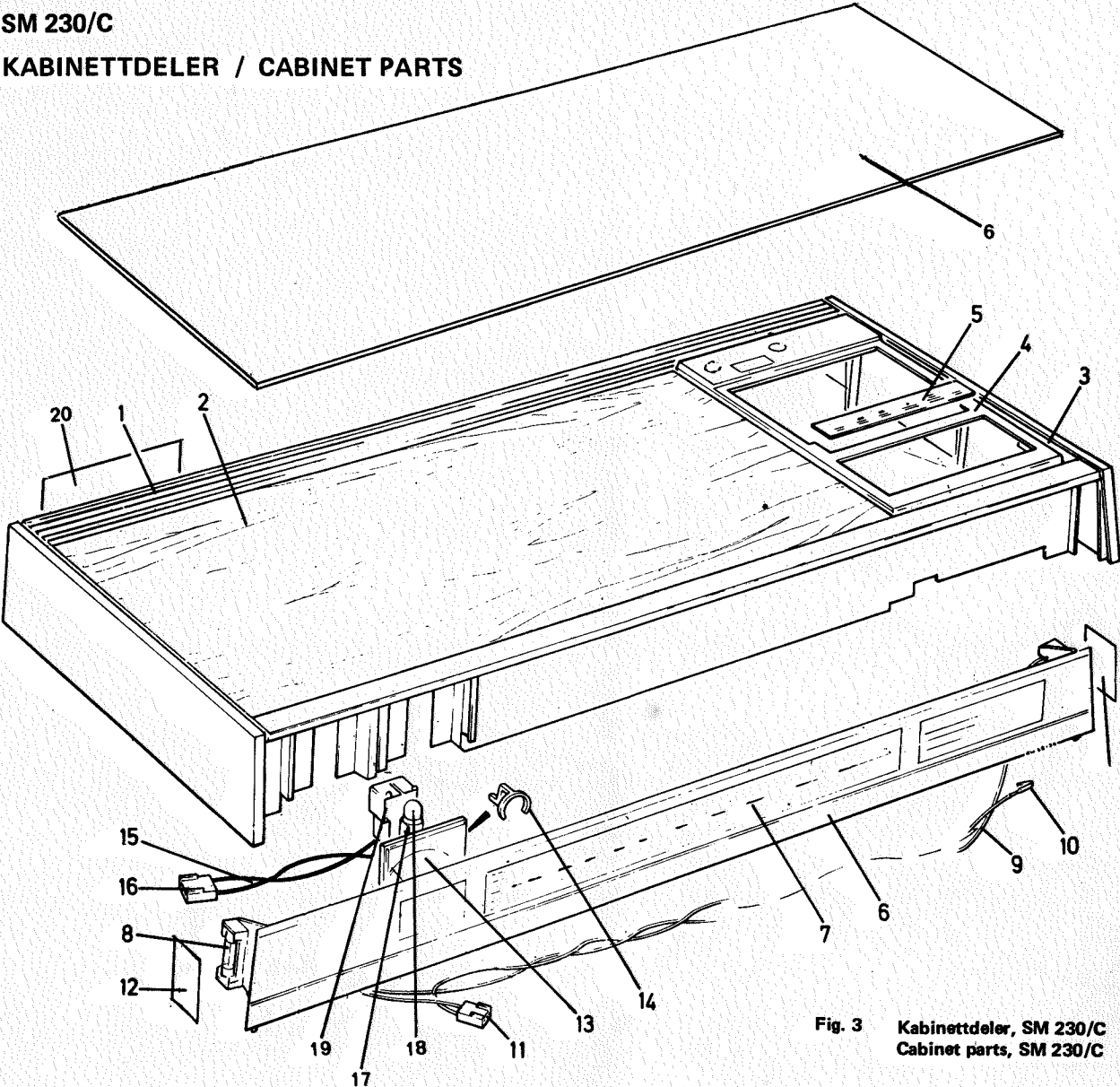


Fig. 3 Kabinettdele, SM 230/C
Cabinet parts, SM 230/C

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
1	950319	Cover, black, SM 230 STD. AM	Deksel	
	950318	Cover, black SM 230C FM	Deksel	
	950320	Cover, black, SM 230C AM	Deksel	
2	350223	Cover, teak, SM 230C	Deksel, teak	
	351904	Cover, rosewood, SM 230C	Deksel, palis	
	353585	Cover, walnut, SM 230C	Deksel, nøtt	
	351552	Cover, black ash, SM 230C	Deksel, sort ask	
3	354562	Ledge, teak, SM 230C	List, topp, teak	
	350848	Ledge, rosewood, SM 230C	List, topp, palis	
	352529	Ledge, walnut, SM 230C	List, topp, nøtt	
	354210	Ledge, black ash, SM 230C	List, topp, sort ask	
4	359648	Plate, cassette	Plate, kassett	
5	346194	Cover, head	Luke	
6	353233	Plate, teak, SM 230 STD	Plate	
	354914	Plate, rosewood, SM 230 STD	Plate	
	351200	Plate, walnut, SM 230 STD	Plate	
	352881	Plate, black ash, SM 230 STD	Plate	
7	950309	Dial, FM, SM 230 STD/G	Skala	
	950310	Dial, FM SM 230C/GC	Skala	
	950313	Dial, AM/FM, SM 230 STD AM	Skala	
	950314	Dial, AM/FM, SM 230C/GC AM	Skala	

8	354274	Bulb, 6V 3W	Lampe	
9	950293	Cable, dial illumination (supplied with index 10 and 11)	Ledning (lev. m/index 10,11)	
10	*	Contact, spring	Fjær	
11	*	Connector	Kontakt	
12	355403	Plate, reflector	Plate	Signal level
13	353686	Meter	Instrument	
14	356422	Clip, meter, plastic	Ring	
15	950329	Cable, meter illumination (supplied with index 16 and 17)	Ledning (lev. m/index 16,17)	
16	*	Connector	Kontakt	
17	*	Holder, bulb	Holder	
18	341316	Bulb, 12-15V 1W	Lampe	
19	340935	Cover, light, plastic	Kappe	
20	361429	Label, SM 230 STD	Etikett	
	356172	Label, SM 230C	Etikett	
21	363103	Shield, plastic	Skjerm	

SM 230C
KABINETTDELER / CABINET PARTS

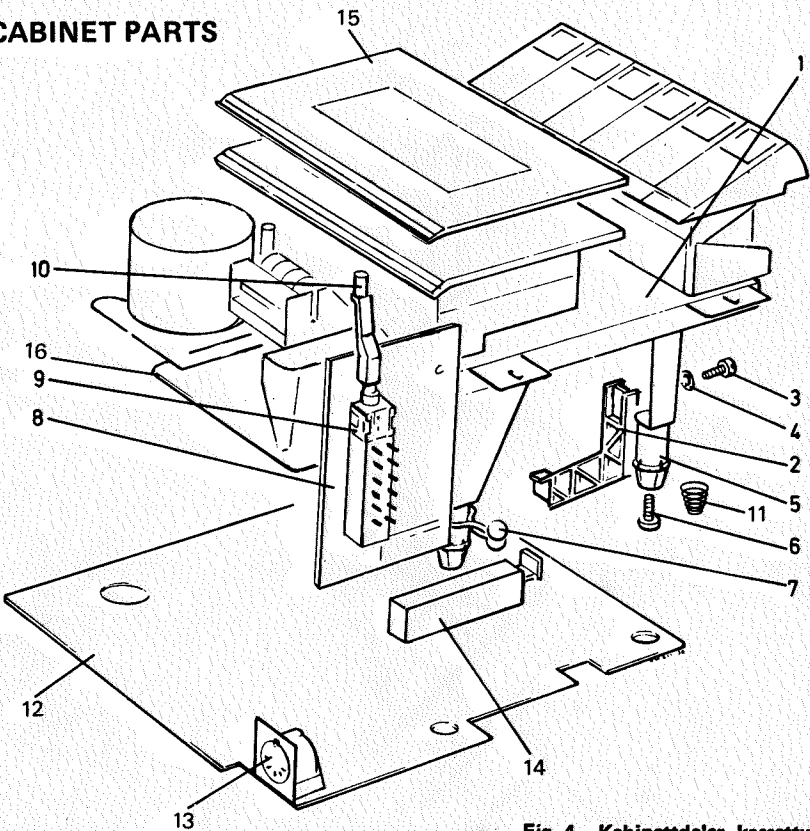


Fig. 4 Kabinettdele, kassettverk, SM 230C/GC
Cabinet parts, cassette mechanism, SM 230C/GC

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
1	352471	Cassette, mech, complete	Kass. verk	
2	354297	Bracket, nylon	Brakett	
3	322307	Screw, 2.6 x 6 mm ch hd	Skrue	
4	242202	Washer, lock 3.2 mm	Skive	
5	350740	Tube, acetal	Rør	
6	323636	Screw, 3 x 8 mm ch hd	Skrue	
7	249737	Clamp	Klammer	
8	950328	Board, switch	Kort, vender	
9	358643	Switch, selector	Vender	Spesial
10	357436	Knob, cassette	Knapp	
11	358119	Spring, grounding	Fjær	Spesial
12	950327	Board, cassette	Kort, kassett	
13	268832	Socket, 5 pin DIN	Kontakt	REC/PLAY
14	357105	Switch, selector	Vender	
15	359455	Cover, cassette	Lokk	
16	937915	Board, auto-stop	Kort, Auto-stopp	

SM 230G/GC

KABINETTDELER / CABINET PARTS

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
1	352889	Cover, teak	Deksel	
	351208	Cover, rosewood	Deksel	
	354570	Cover, walnut	Deksel	
	350856	Cover, black ash	Deksel	
2	354533	Deck, record player	Spiller	
3	345224	Cover, grey, plastic	Deksel	
4	352127	Label, black, plastic	Skilt	
5	217905	Pad, 7 x 1.5 mm, felt	Knott	
6	950283	Hinge, set of parts (supplied with index 7 to 12 incl.)	Hengsel (levert m/index 7-12)	
7	354691	Arm, hinge, left, plastic	Arm	
8	353010	Arm, hinge, right, plastic	Arm	
9	350977	Disc., hinge, plastic	Skive	
10	355834	Spring	Fjær	
11	345389	Screw, plate, 3.5 x 9.5 mm hex hd,w/collar	Skrue	
12	311999	Screw, plate, 3/4" No. pan hd	Skrue	
13	357853	Label, SM 230GC	Etikett	
14	347257	Cover, rear, plastic, SM 230G FM	Deksel	
	950315	Cover, rear, plastic, SM 230GC FM	Deksel	
	950316	Cover, rear, plastic, SM 230G AM	Deksel	
	950317	Cover, rear, plastic, SM 230GC AM	Deksel	
15	238222	Screw, plate 1/2" No. 10 pan hd	Skrue	
16	215599	Screw, 4 x 10 mm ch hd	Skrue	
17	937777	Cable, with plug	Ledning	
18	937768	Cable, power, with connector	Ledning	
19	950309	Dial FM, SM 230 STD/G	Skala	
	950310	Dial FM, SM 230 C/GC	Skala	
	950313	Dial AM/FM SM 230 STD/G AM	Skala	
	950314	Dial AM/FM, SM 230C/GC AM	Skala	
20	363103	Shield, plastic	Skjerm	
21	354274	Bulb, 6V 3W	Lampe	
22	950293	Cable, dial illumination (supplied with index 23 and 24)	Ledning (levert m/index 23,24)	
23	*	Contact, spring	Fjær	
24	*	Connector	Kontakt	
25	355403	Plate, reflector	Plate	Signal level
26	353686	Meter	Instrument	
27	356422	Clip, meter, plastic	Ring	
28	950329	Cable, meter illumination (supplied with index 29 and 30)	Ledning (lev.m/index 29,30)	
29	*	Connector	Kontakt	
30	*	Holder, bulb	Holder	
31	341316	Bulb, 12-15V, 1W	Lampe	
32	340935	Cover, light, plastic	Kappe	
33	359648	Plate, cassette	Plate	
34	346194	Cover, head	Luke	
35	354195	Cover, storage box, black, plastic	Lokk	Cassette, magazine
36	353542	Handle, black, plastic	Håndtak	
37	345806	Box, storage, black, plastic	Plate	Assessories
38	351861	Handle, black, plastic	Håndtak	

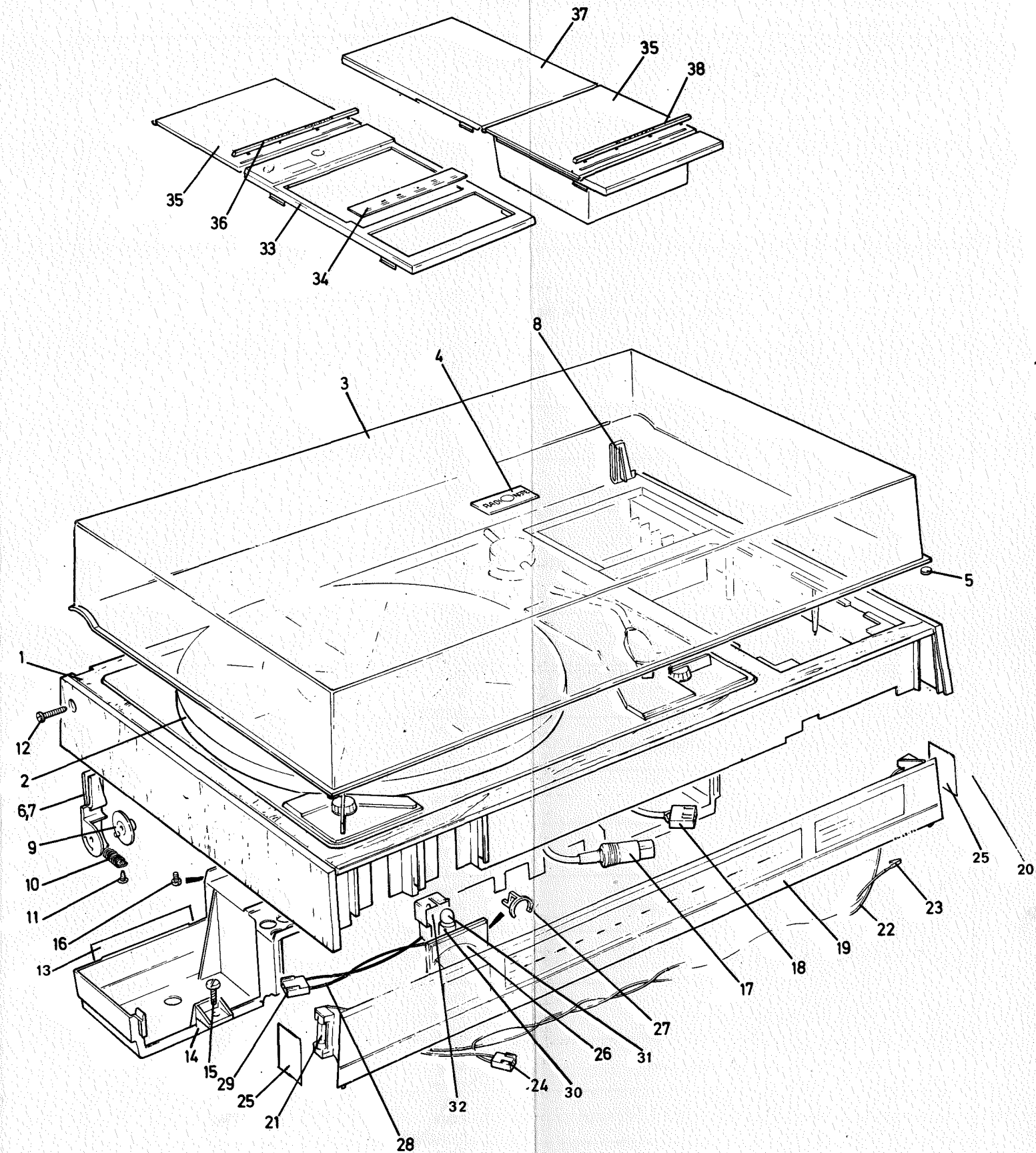


Fig. 5 Kabinettdele, SM 230G/GC
Cabinet parts, SM 230G/GC

KASSETTMEKANISME / CASSETTE MECHANISM

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
1	937923	Plate, chassis	Plate	
2	937852	Spring, button plate	Fjær	
3	937853	Plate, push button	Plate	
4	937924	Push switch assy	Tastatur (u/knapper)	
5	937855	Button, push	Knapp, tastatur	
6	937925	Push button assy	Tastatur (m.knapper)	
7	937857	Coil, solenoid	Spole	
8	937380	Plunger, solenoid	Anker	
9	937858	Solenoid assy	Trekkmagnet komplett	
10	937859	Bracket, solenoid	Brakett	
11	937390	Collar	Hylse	
12	937389	Lever, slide	Stag	
13	937926	Switch, pause	Bryter	
14	937860	Plate, switch function	Plate	
15	937326	Plate, head panel	Plate	
16	994180	Head, record/play	Hode	
17	937425	Collar	Hylse	
18	937327	Spring	Fjær	
19	937374	Washer, 4.3 x 2.3 x 0.4 mm	Skive	
20	937862	Head, erase	Hode	
21	937426	Collar	Hylse	
22	936424	Clamp, wire	Klammer	
23	937330	Collar	Hylse	
24	937328	Spring	Fjær	
25	937329	Spring	Fjær	
26	937288	Roller, pressure	Hjul, trykkvalse	
27	937865	Spring, pressure roller	Fjær, trykkvalse	
28	937866	Reel disc assy	Tallerken	
29	937285	Spring, back tension	Fjær	
30	937347	Arm, brake	Arm	
31	937348	Spring	Fjær	
32	937349	Plate, brake function	Plate	
33	937350	Arm, rewind idler	Arm	
34	937351	Idler, rewind	Hjul	
35	937352	Spring	Fjær	
36	937371	Tube, 4 x 3 x 24 mm	Strømpe	
37	937345	Plate, rewind function	Plate	
38	937346	Spring	Fjær	
39	937370	Tube, 4 x 3 x 10 mm	Strømpe	
40	937867	Washer	Skive	
41	937343	Plate, fast forward function	Plate	
42	937868	Spring	Fjær	
43	937869	Lever, record slide	Arm	
44	937383	Collar	Hylse	
45	937325	Lever, record safety	Arm	
46	937870	Stopper	Skive	
47	937384	Spring	Fjær	
48	937871	Switch, leaf	Bryter	
49	937872	Spring, pack	Fjær	
50	937292	Arm, fast forward idler assy	Arm	
51	937342	Spring	Fjær	
52	937927	Clutch assy	Clutch	
53	937873	Spring	Fjær	
54	937419	Lever, pause slide assy	Stag	
55	937421	Lever, pause	Plate	
56	937420	Spring, pause lever	Fjær	
57	937412	Lever, slide	Stag	
58	937413	Spring	Fjær	
59	937414	Lever, pressure roller arm	Stag	
60	937415	Collar	Hylse	
61	937393	Bearing, flywheel	Lager	
62	937394	Plate, earth	Plate	
63	936043	Flywheel	Svinghjul	
64	936444	Washer	Skive	
65	937376	Washer	Skive	
66	937928	Bracket, flywheel	Brakett	
67	937354	Spring	Fjær	
68	937878	Belt, drive	Drivrem, hoved	
69	937355	Lever, auto stop	Arm	
70	937929	Collar	Hylse	
71	937882	Spring	Fjær	
72	937930	Motor	Motor	

73	937884	Bracket, motor	Brakett	
74	937885	Cushion, rubber	Hylse	
75	937886	Collar, motor	Hylse	
76	937399	Mat, felt	Skive	
77	937887	Counter	Telleverk	
78	937888	Bracket, counter	Brakett	
79	937889	Holder, magnet	Holder	
80	937890	Magnet	Magnet	
81	937891	Belt, counter	Drivrem, telleverk	
82	937892	Bracket, eject	Brakett	
83	937893	Lever, eject slide	Arm	
84	937390	Collar	Hylse	
85	937894	Spring	Fjær	
86	937895	Bracket, right side	Brakett	
87	937896	Bracket, left side	Brakett	
88	937897	Case, cassette	Skuff, kassett	
89	937898	Felt	Filt	
90	937899	Spring, left	Fjær	
91	937900	Spring, right	Fjær	
92	937901	Bracket	Brakett	
93	937902	Bracket, switch	Brakett	
94	937903	Switch	Vender	
95	937904	Pipe assy	Sylinder	
96	937905	Brake assy	Dempemekanisme	
97	208431	Ring, 3 mm	Ring	
98	937906	Shaft, brake	Stempel	
99	937907	Ring	Ring	
100	762831	Screw, 2.6 x 6 mm	Skrue	
101	322932	Screw, 2 x 3 mm	Skrue	
102	936421	Screw, 2.6 x 6 mm	Skrue	
103	937360	Screw, 2.6 x 8 mm, with washer	Skrue	
104	937440	Screw, 2 x 4 mm, with washer	Skrue	
105	937908	Screw, 2 x 6 mm	Skrue	
106	937909	Screw, 2 x 11 mm	Skrue	
107	936425	Screw, 2 x 10 mm	Skrue	
108	230247	Washer, lock, 2 mm	Skive	
109	936616	Ring, 2.5 mm	Ring	
110	936417	Ring, 1.9 mm	Ring	
111	936426	Ring, 1.2 mm	Ring	
112	936445	Ring, 4 mm	Ring	
113	936614	Ring, 1.5 mm	Ring	
114	937362	Screw, 2.6 x 4 mm	Skrue	
115	936615	Ring, 2 mm	Ring	
116	936418	Screw, 2 x 5 mm, with washer	Skrue	
117	937920	Ring, 3 mm	Ring	
118	937361	Screw, 2.6 x 4 mm, with washer	Skrue	
119	936955	Screw, 2.6 x 12 mm, with washer	Skrue	
120	937910	Screw, 2.6 x 7 mm	Skrue	
121	936929	Washer	Skive	
122	936428	Screw, 3 x 5 mm	Skrue	
123	937911	Screw, 2.6 x 4 mm	Skrue	
124	937912	Screw, 2.6 x 6 mm	Skrue	
125	937913	Screw, 3 x 5 mm	Skrue	
126	937914	Lug	Loddeøre	
127	937433	Screw, 2.6 x 5 mm, with washer	Skrue	
128	936950	Screw, 2 x 8 mm	Skrue	
129	936926	Washer, 2.6 x 8 x 0.5 mm	Skive	
130	937368	Ring, 3.2 mm	Ring	
131	936433	Washer, 2.6 mm	Skive	
132	937863	Clamp, wire	Klammer	
133	937263	Switch, reed	Bryter, magnet	
134	350044	Cable, R/P head, with Molex c.	Ledning	
135	937932	Cable, erase head, with Molex c.	Ledning	
136	937915	Board, auto stop, complete	Kort TK	
137	937916	Collar, rubber, p.c.b.	Hylse	
138	937917	Collar, metal	Hylse	
139	762830	Screw, 2.6 x 10 mm	Skrue	
140	936927	Washer, 2.8 x 7.5 x 0.5 mm	Skive	
DELER FOR ENDESTOPPKORT / PARTS FOR AUTO-STOP BOARD				
X1	937081	Transistor, 2SC 458C	Transistor	
X2	937918	Transistor, 2SC1317	Transistor	
D1,D2	936090	Diode, 1N34A	Diode	
D3	937919	Diode, 10D1 (solenoid)	Diode	
DELER FOR MOTORKORT / PARTS FOR MOTOR CIRCUIT BOARD				
Tr.1	762835	Transistor, 2SA 564	Transistor	
Tr.2	762838	Transistor, 2SC1162 (2SC1568)	Transistor	

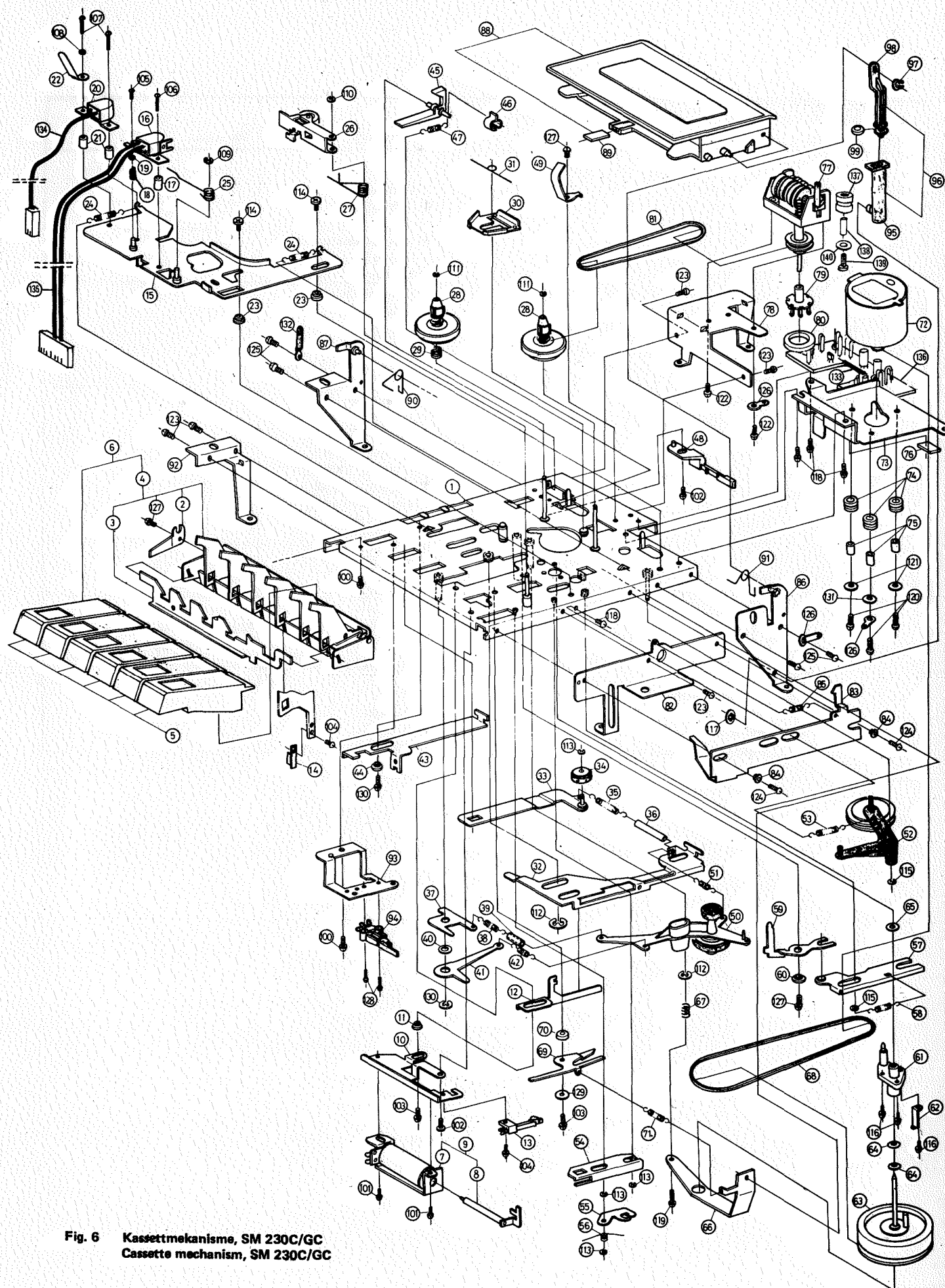


Fig. 6 Kassettmekanisme, SM 230C/GC
Cassette mechanism, SM 230C/GC

SM 230 AM
AM-ENHET / AM-UNIT

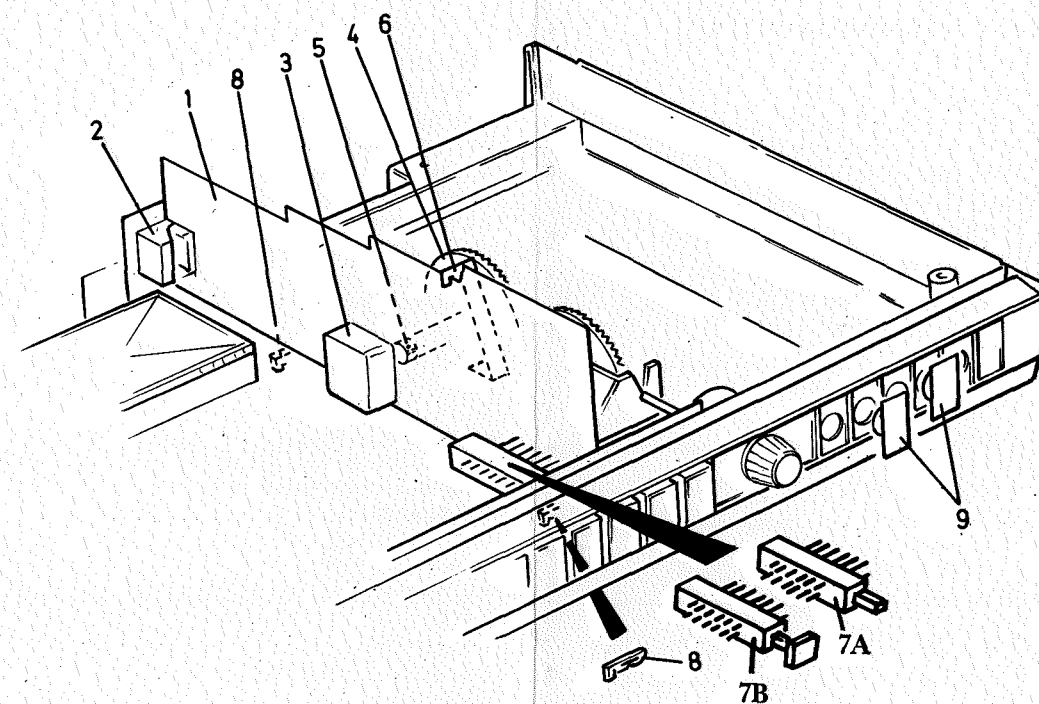


Fig. 7 AM-enhet
AM-unit

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
1	950324	Board, AM	Kort AM	
2	353708	Socket, antenna, AM	Kontakt	
3	354060	Capacitor, variable	Kond. dreie	
4	349872	Gearwheel, acetal	Tannhjul	
5	324434	Clip, gearwheel	Ring	
6	355662	Bracket	Brakett	
7A	352802	Switch selector	Vender	
7B	362694	Switch selector	Vender	
8	352508	Lock, acetal	Lås	
9	354318	Cover, dummy, plastic	Plugg	

SM 230G/GC
PLATESPILLER / RECORD PLAYER

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
MEKANISKE DELER / MECHANICAL PARTS				
1	937701	Panel, top	Plate, topp	
2	937702	Panel spring, left rear	Fjær, oppheng, v. bak	
3	937703	Panel spring, left front	Fjær, oppheng, v. front	
4	937704	Panel spring, right front	Fjær, oppheng, h. front	
5	937705	Panel spring, right rear	Fjær, oppheng, h. bak	
6	937706	Bracket, top panel, right	Brakett, toppplate høyre	
7	937707	Bracket, top panel, left/rear	Brakett, toppplate v/bak	
8	937708	Panel, speed selector	Deksel, hastighetsvelger	
9	937709	Panel, start/stop	Deksel, betjening	
10	937710	Pickup arm, stand	Sokkel, pickuparm	
11	937711	Bearing, main gear	Lager, kurvehjul	
12	937712	Holder, adaptor	Holder, adapter	
13	937713	Pickup arm, rest stand	Støtte, pickuparm	
14	937714	Screen, switch	Skjerm, bryter	
15	937715	Motor, without pulley	Motor, u. drivhjul	
16	937716	Pulley, motor	Drivhjul, motor	
17	937717	Cushion, rubber	Pute, gummi, mot. opph.	
18	937718	Cartridge slide	Holder, pickupelement	
19	937719	Shaft, motor	Aksel, motoroppheng	
20	937720	Cushion holder	Kopp, gummipute	
21	937721	Plate, motor	Plate, motorfeste	
22	937722	Belt	Drivrem	
23	937723	Belt guide	Arm, remføring	
24	937724	Bracket, belt guide	Brakett, remføringsarm	
25	937725	Weight	Balansevekt	
26	937726	Arm, speed selector	Arm, hastighetsvelger	
27	937727	Plate, speed selector	Plate, hastighetsvelger	
28	937728	Anti-skating weight	Anti-skating lodd	
29	937729	Spring, speed selector	Fjær, hastighetsvelger	
31	937731	Knob, speed selector	Knapp, hast./start-stopp	
32	937732	Turntable	Tallerken	
33	937733	Table sheet	Matte, pl. tallerken	
34	937734	Table shaft assembly	Aksel, pl. tall. (spindel)	
35	937735	Table bearing	Lager, pl. tallerken	
37	937737	Washer, 34 x 9.1 x 0.8 mm	Skive	
38	937738	Main gear	Kurvehjul	
39	937739	Auto trip	Plate, retur	
40	937740	Auto clutch assembly	Clutch	
41	937741	Clutch, start	Clutch, start	
42	937742	Auto lever	Arm, plast	
43	937743	Return rod	Bøyle, retur	
44	937744	Washer, return rod	Skive, returhøyle	
45	937745	Ball holder	Holder, kule	
46	937746	Return cam	Returkam	
47	937747	Reject lever ass'y	Arm, start/stopp	
48	937748	Gear stopper	Arm, kurvehjulstopper	
49	937749	Stopper shaft	Aksel, stopparm	
50	937750	Spring, gear stopper	Fjær, stopparm	
51	937751	Reject rod	Stang, start/stopp	
52	937752	Reject plate	Plate, start/stopp	
53	937753	Pull spring	Fjær	
54	937754	Seesaw lever ass'y	Arm, heving pickuparm	
55	937755	Løftearm	Lifter bar ass'y	
56	937756	Lifting shaft	Aksel, løftearm	
57	937757	Spring, lifting shaft	Fjær, løfteaksel	
58	937758	Washer, lifting shaft	Skive, løfteaksel	
59	937759	Pickup plate ass'y	Plate, pickuparm	
60	937760	Spring, adjustment screw	Fjær, justeringsskrue	
61	937761	Spring	Fjær	
62	937762	Knob, lifter cam	Knapp, løfte	

SPECIFY THIS WHEN ORDERING				
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)	Reference
63	937763	Lifter cam	Løftekam	
65	937765	Lift lever ass'y	Løftemekanisme	
66	937766	Pick up arm w/bearing	Pickuparm m/oppheng	
67	937767	Rod, antiskating weight	Bøyle, antiskating lodd	
68	937768	Power cord w/3 p. plug	Nettledning, kort	
71	937771	Switch, power	Mikrobryter, nett	
72	937772	Shield, power switch	Skjerm, nettbryter	
73	937773	Capacitor 0.047 mF	Kondensator	
74	937774	Resistor 4.7 ohm 1/2 W	Motstand	
75	937775	Board, power, without components	Kort TL netting.	
76	937776	Solder lug, motor cables	Loddeøre, motorledn.	
77	937777	Cord 5 p. DIN, 400 mm	Ledning	
79	937779	Bracket, PC board	Holder, kort TK	
80	937780	Terminal, signal wire	Plate, tilkoppl. app. ledn.	
81	937781	Cord clamp	Klammer, ledning	
82	937782	Cord clamp	Klammer, ledning	
83	937783	Lug, motor ground	Loddeøre, motorjord.	
84	937784	Lug, clamp	Klammer, ledning	
85	937785	Lug clamp	Klammer, ledning	
86	937786	Label, OIL	Etikett, OIL	
87	937787	Ball 5/32"	Kule 5/32"	
88	937788	Ball 1/8"	Kule 1/8"	
112	937812	Cartridge CN-2316R	Pickupelement	
	937830	Set of screws, cartridge CN-2316R	Skruesett	
113	937813	Stylus N-2316	Pickupstift	
	354533	Player Taya-C compl.	Spiller Taya-C kompl.	Nts 416,- + moms pris 04-80
EKSTRAUTSTYR / ACCESSORIES				
138	937810	Oil set	Oljeflaske	
139	937811	Screw driver	Skrutrekker	
141	937814	Adaptor, 45 rpm.	Adapter, 45-plater	

SPECIFY THIS WHEN ORDERING			
Index	Ordering No.	Description (notes)	Beskrivelse (merknader)
SKRUER / SCREWS etc.			
S1	937789	Screw, 2.6 x 5 mm self tap.	Skrue
S2	936574	Screw, 2.6 x 8 mm self tap.	Skrue
S3	936572	Screw 3 x 8 mm self tap.	Skrue
S4	936947	Screw 3 x 10 mm self tap.	Skrue
S5	937790	Screw 3 x 18 mm self tap.	Skrue
S6	937791	Screw M3 x 4 mm	Skrue
S7	936958	Screw M3 x 8 mm	Skrue
S8	937792	Screw M3 x 10 mm	Skrue
S9	937793	Set screw M4 x 8 mm	Skrue, settskrue
S10	937794	Set screw M2.6 x 4 mm	Skrue, settskrue
S11	937795	E-ring 1.6 mm	Låsering
S12	937796	E-ring 2.0 mm	Låsering
S13	937797	E-ring 3.1 mm	Låsering
S14	937798	E-ring 4.0 mm	Låsering
S15	937799	CS-ring 2.0 mm	Låseskive
S16	937800	CS-ring 3.0 mm	Låseskive
S17	937801	CS-ring 4.0 mm	Låseskive
S18	937802	Spring washer 3.0 mm	Fjærskive
S19	937803	Spring washer 3.0 mm	Fjærskive
S20	219162	Nut 3 mm	Mutter
S21	217280	Nut 4 mm	Mutter
S22	937804	Screw 3 x 8 mm self tap.	Skrue
S23	937805	Screw 3 x 20 mm self tap.	Skrue
S24	937806	Screw M3 x 8 mm w/washer	Skrue
S25	937807	Screw 2.6 x 8 mm self tap.	Skrue
S26	937808	Washer 4.7 x 10 x 0.18 mm paper	Skive
S27	937809	Nut 9 mm	Mutter
S28	937808	Washer 4.7 x 10 x 0.18 mm paper	Skive

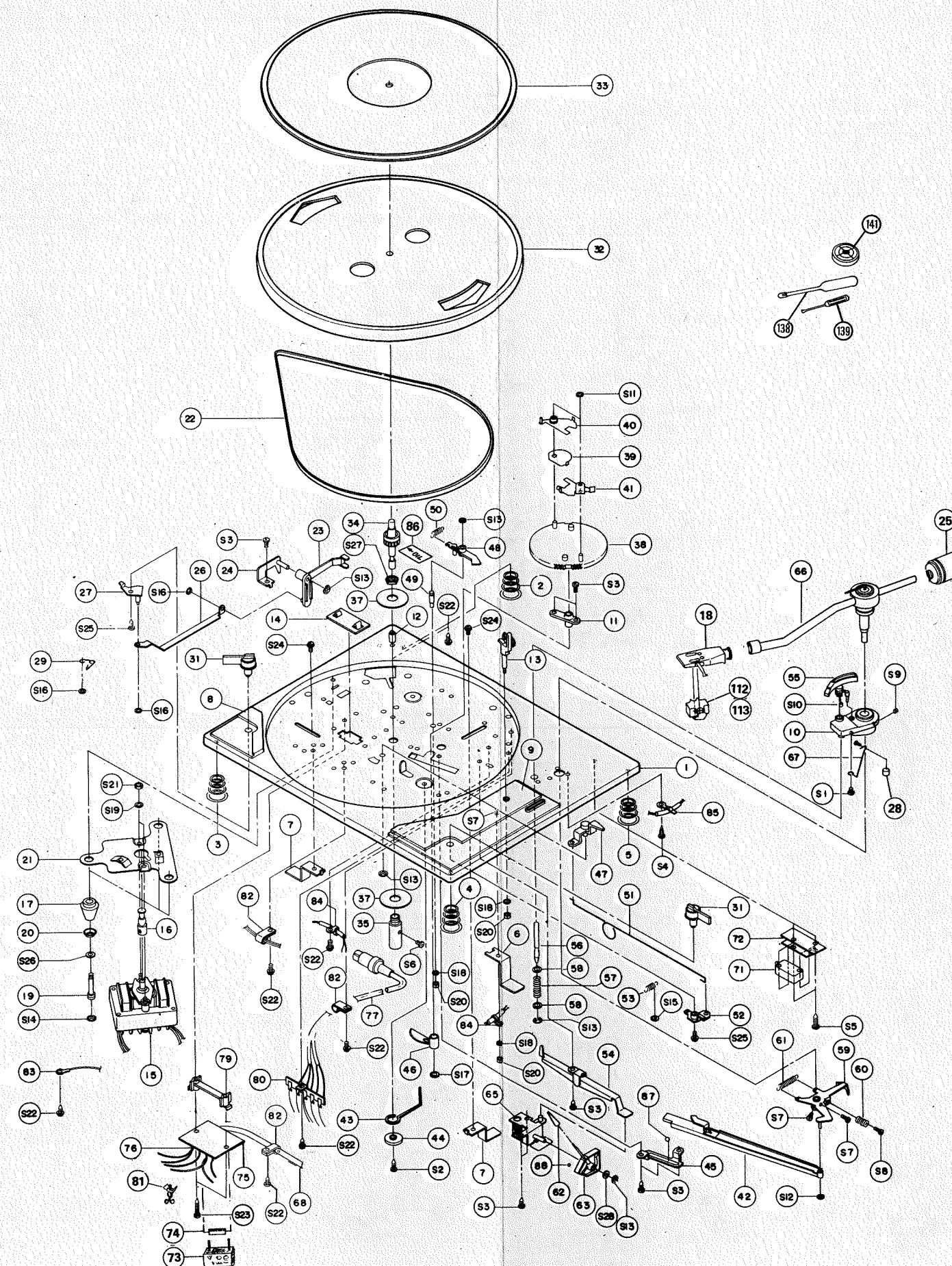


Fig. 8 Platespiller, SM 230G/GC
Record player, SM 230G/GC

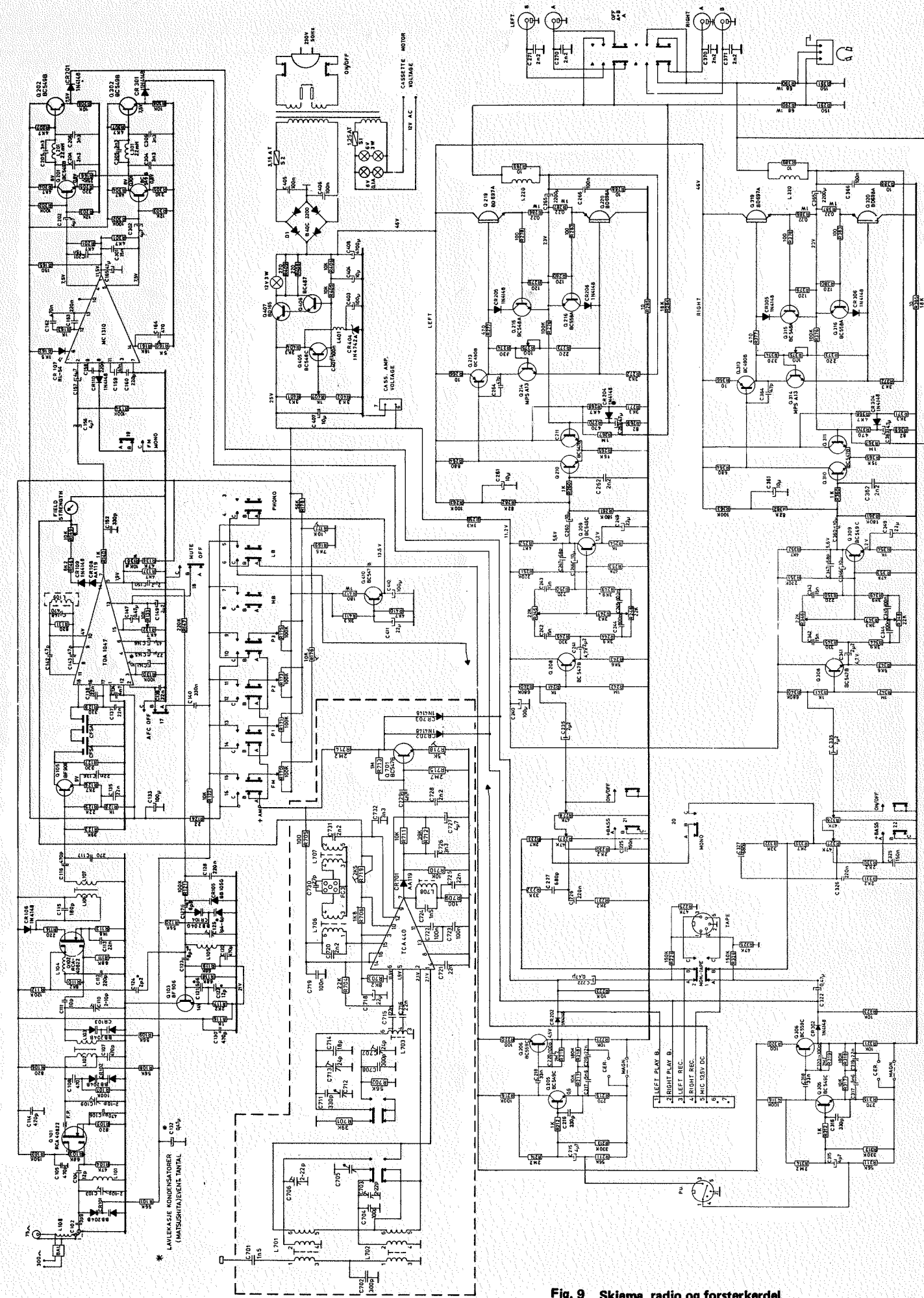


Fig. 9 Skjema, radio og forsterkerdel
Circuit diagram, tuner and amplifier

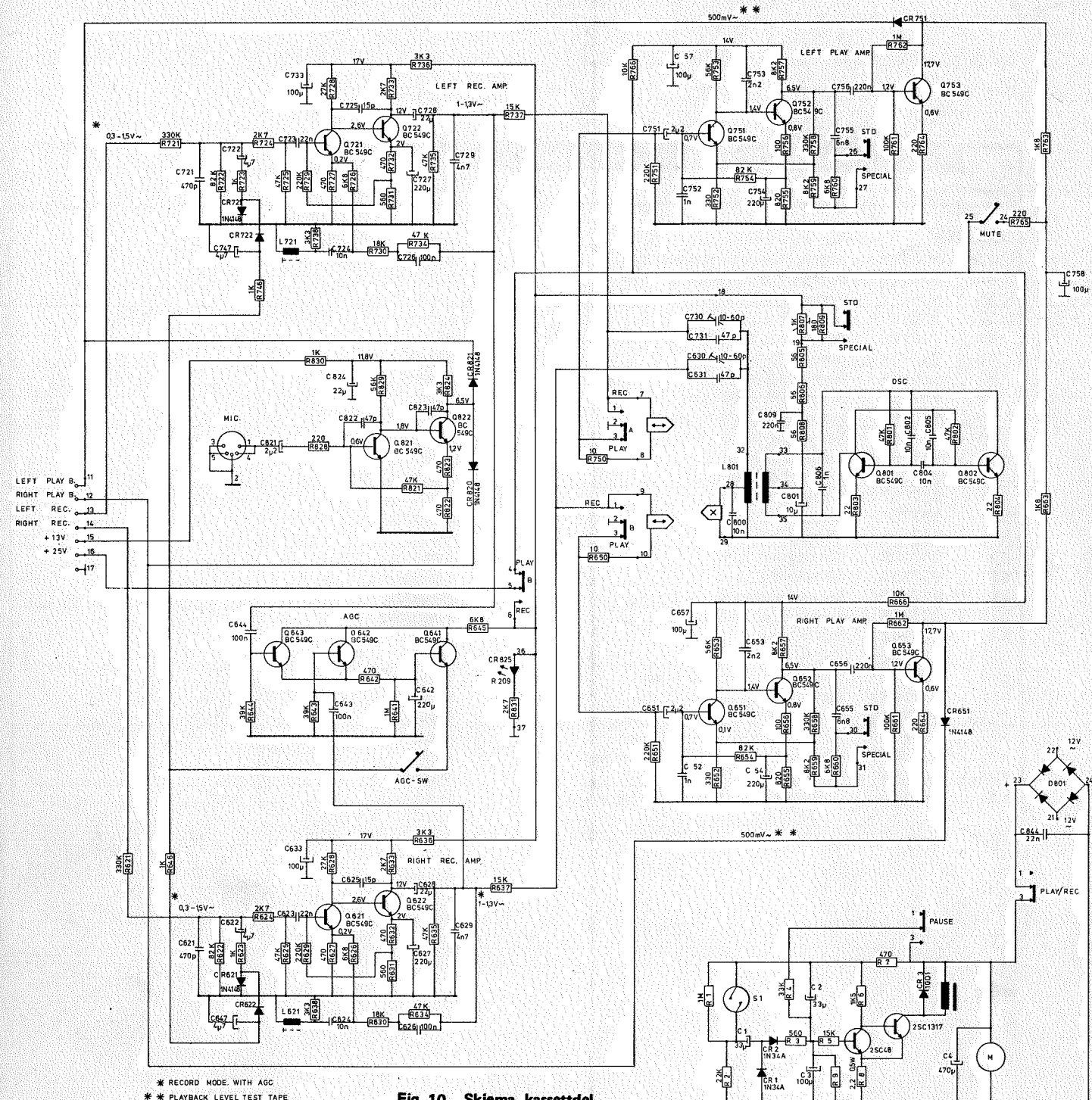


Fig. 10 Skjema, kassettdel
Circuit diagram, cassette section

RADIONETTE
1301 SANDVIKA – NORGE

Agents:

Norge:
Tandberg Radionette A/S
Boks 218
1301 Sandvika
Tlf. (02) 54 48 60

Sverige:
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Fack 17203 Sundbyberg 3
Tlf. (68) 98 19 90

Radionette AB
Mölnäslåvägen 59
41263 Göteborg
Tlf. (031) 83 04 50

Radionette AB
Ollebo gård
23044 Vintrie
Tlf. (040) 46 70 76

Danmark:
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Brandstrupsvej 10
2610 Rødovre
Tlf. (02) 91 88 00

Finland:
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Atomvägen 5
00 370 Helsinki
Tlf. (0) 55 63 61

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Leeds LS3 1HR
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Deutschland:
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Heinrich-Hertz Strasse 24
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A-1130 Wien
Tlf. 83 45 46/47