

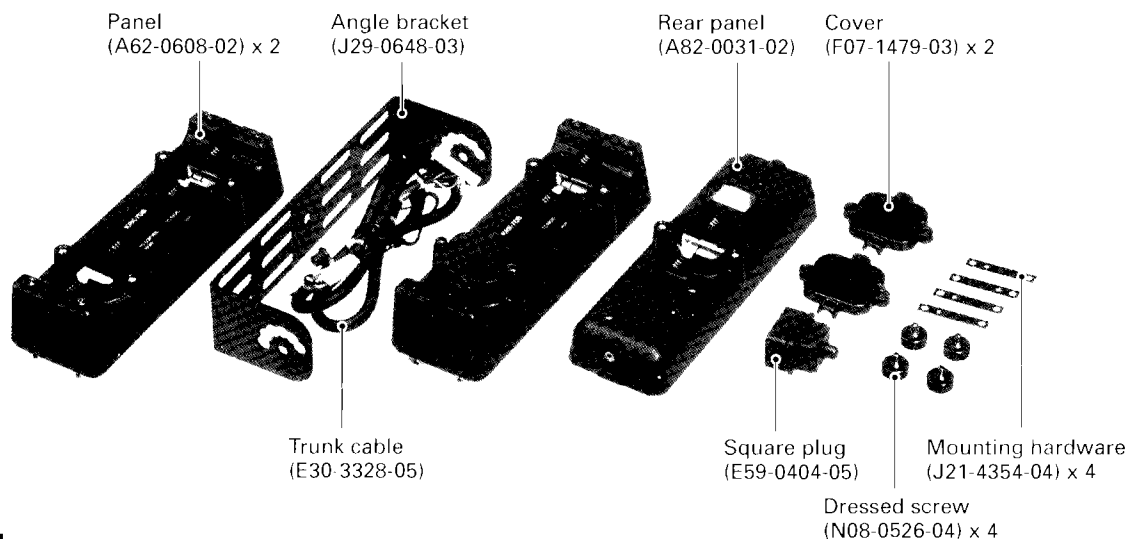
KRK-7DB/8DBH

SERVICE MANUAL

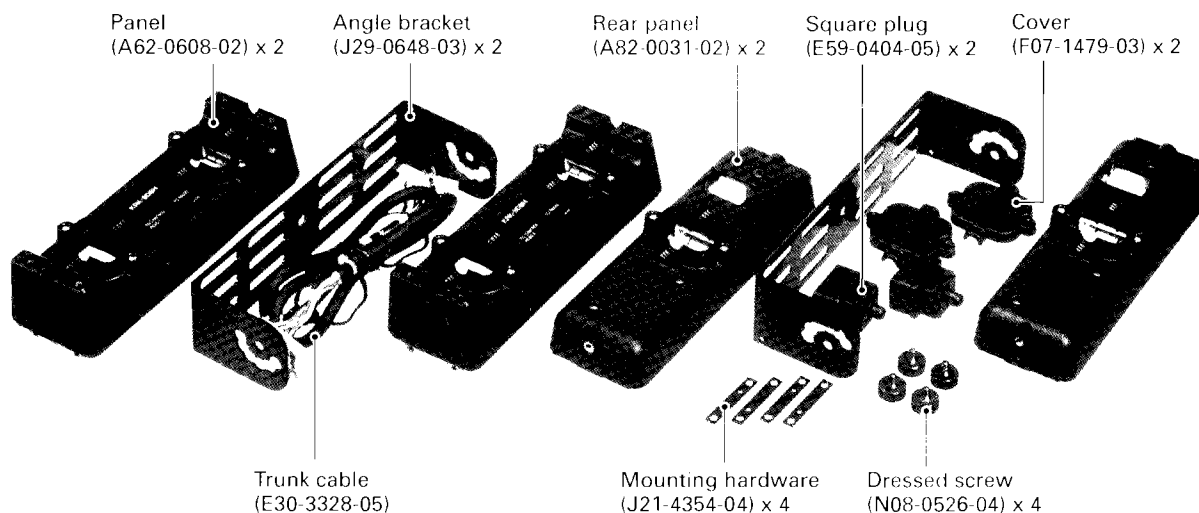
KENWOOD

© 1998-12 PRINTED IN JAPAN
B51-8452-00 (N) 1434

KRK-7DB



KRK-8DBH



CONTENTS

INSTALLATION	2	PACKING	15
DISASSEMBLY FOR REPAIR	5	TERMINAL FUNCTION	17
CIRCUIT DESCRIPTION	6	PC BOARD VIEW	
DESCRIPTION OF COMPONENTS	9	INTERFACE UNIT (X46-3240-XX)	18
PARTS LIST	10	SCHEMATIC DIAGRAM	19
EXPLODED VIEW	12	KCT-22 (CONTROL CABLE)	23

PARTS LIST

KRK-8DBH
INTERFACE UNIT (X46-3240-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
KRK-8DBH (Y60-384)											
1	2D		A22-2003-03	SUB PANEL		R1			RK73GB1J103J	CHIP R 10K J 1/16W	
2	2F		A22-2004-03	SUB PANEL (HEAD)		R2,3			RK73GB1J473J	CHIP R 47K J 1/16W	
3	3D		A62-0608-02	PANEL		R4			RK73GB1J103J	CHIP R 10K J 1/16W	
4	1F		A82-0031-02	REAR PANEL		R5			RK73GB1J473J	CHIP R 47K J 1/16W	
5	2J		B09-0393-04	CAP	ACSY	R6			RK73GB1J184J	CHIP R 180K J 1/16W	
6			B42-3317-04	LABEL(S/NO)		R7			RK73GB1J153J	CHIP R 15K J 1/16W	
7	3D	*	B42-5824-04	MODEL NAME PLATE	BODY 1	R8			RK73GB1J332J	CHIP R 3.3K J 1/16W	
7	3D	*	B42-5825-04	MODEL NAME PLATE	BODY 2	R9			RK73GB1J123J	CHIP R 12K J 1/16W	
9	1J		B62-0993-00	INSTRUCTION MANUAL		R10			RK73GB1J332J	CHIP R 3.3K J 1/16W	
						R11			RK73GB1J184J	CHIP R 180K J 1/16W	
10	1I	*	E30-3328-05	TRUNK CABLE	ACSY	R26,27			R92-1252-05	CHIP R 0 OHM	
15	2J		E59-0404-05	SQUARE PLUG	ACSY	R33			R92-1252-05	CHIP R 0 OHM	
W101	1I		E30-3085-05	GROUND LEAD WIRE	ACSY	R36			R92-1252-05	CHIP R 0 OHM	
W102	2E,3C,2D		E37-0166-05	CONNECTING WIRE (11P)		R38			R92-0679-05	CHIP R 0 OHM	
W103	3E		E37-0743-05	CONNECTING WIRE (ACC 12P)		R42			R92-1252-05	CHIP R 0 OHM	
W104	1C		F37-0786-05	CONNECTING WIRE (UNIT 10P)		R124			R92-1252-05	CHIP R 0 OHM	
16	2J		F07-1479-03	COVER	ACSY	K1,2			S76-0018-05	RELAY (12V)	
18	2E		G13-0864-04	CUSHION		D1-3			1SS355	DIODE	
20	2D		G53-0838-03	PACKING (PANEL)		D4			DA204K	DIODE	
21	2J		H10-6620-02	POLYSTYRENE FOAMED FIXTURE		D5			1SS355	DIODE	
22	1J		H11-0893-04	POLYSTYRENE PLATE		IC1			BU4066BCF	IC (ANALOG SWITCH X4)	
23	2J		H25-0029-04	PROTECTION BAG (60x110)		IC2			BU4094BCF	IC (8-STAGE SHIFT/STORE REGISTE)	
24	2J		H25-0096-04	PROTECTION BAG (80x120)		IC3			NJM4558M	IC (OP AMP X2)	
25	1I,2J		H25-0103-04	PROTECTION BAG (125x250)		O1			2SC4116(Y)	TRANSISTOR	
26	1I,2J		H25-0120-04	PROTECTION BAG (150x150)		Q2-6			DTC114EK	TRANSISTOR	
27	3I		H52-1256-04	ITEM CARTON BOX		INTERFACE UNIT (X46-3240-25) : BODY 2					
28	2J		J21-4354-04	MOUNTING HARDWARE	ACSY	C1,2			CK73GB1H102K	CHIP C 1000PF K	
29	1I,1J		J29-0648-03	ANGLE BRACKET	ACSY	C3			CC73GCH1H101J	CHIP C 100PF J	
30	2J		J61-0307-05	WIRE BAND	ACSY	C5,7			CK73GB1H102K	CHIP C 1000PF K	
31	2J		N08-0526-04	DRESSFD SCREW	ACSY	C10			CK73GB1H103K	CHIP C 0.010UF K	
32	1I		N99-2010-05	SCREW SET	ACSY	C13			CK73GB1H102K	CHIP C 1000PF K	
A	1E,1F		N35-4006-45	BINDING HEAD MACHINE SCREW		C14			CC73GCH1H101J	CHIP C 100PF J	
C	1C,1D		N87-2606-46	BRAZIER HEAD TAPTITE SCREW		C16-19			CC73GCH1H101J	CHIP C 100PF J	
D	2C,1D		N87-3008-46	BRAZIER HEAD TAPTITE SCREW		C42-49			CC73GCH1H101J	CHIP C 100PF J	
INTERFACE UNIT (X46-3240-24) : BODY 1						CN1			E40-5953-05	PIN CONNECTOR (11P)	
C1,2			CK73GB1H102K	CHIP C 1000PF K		CN3,4			E40-5953-05	PIN CONNECTOR (11P)	
C3			CC73GCH1H101J	CHIP C 100PF J		CN5			F40-5951-05	PIN CONNECTOR (10P)	
C5-8			CK73GB1H102K	CHIP C 1000PF K		L5-9			L40-1095-34	SMALL FIXED INDUCTOR (1UH)	
C9,10			CK73GB1H103K	CHIP C 0.010UF K		R12			R92-1252-05	CHIP R 0 OHM	
C13			CK73GB1H102K	CHIP C 1000PF K		R15			R92-1252-05	CHIP R 0 OHM	
C14			CC73GCH1H101J	CHIP C 100PF J		R29,30			R92-1252-05	CHIP R 0 OHM	
C15			CK73GB1H103K	CHIP C 0.010UF K		R39			R92-1252-05	CHIP R 0 OHM	
C16-19			CC73GCH1H101J	CHIP C 100PF J		R40,41			R92-1252-05	CHIP R 0 OHM	
C20			CK73GB1H102K	CHIP C 1000PF K		R125			R92-1252-05	CHIP R 0 OHM	
C21			C92-0507-05	CHIP-TAN 4.7UF 6.3VWV		K1			S76-0018-05	RELAY (12V)	
C22,23			C92-0560-05	CHIP-TAN 10UF 6.3VWV		D2			1SS355	DIODE	
C24,25			CK73GB1C104K	CHIP C 0.10UF K		D4			DA204K	DIODE	
C42-49			CC73GCH1H101J	CHIP C 100PF J		D5			1SS355	DIODE	
CN1			E40-5953-05	PIN CONNECTOR (11P)							
CN3,4			E40-5953-05	PIN CONNECTOR (11P)							
CN5			E40-5951-05	PIN CONNECTOR (10P)							
L1,2			L40-1095-34	SMALL FIXED INDUCTOR (1UH)							
L7,8			L40-1095-34	SMALL FIXED INDUCTOR (1UH)							
L12,13			L40-1095-34	SMALL FIXED INDUCTOR (1UH)							

KRK-7DB/8DBH

PARTS LIST

* New Parts. * indicates safety critical components
Parts without **Parts No.** are not supplied
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

L: Scandinavia
Y: PX (Far East, Hawaii)
Y: AAFES (Europe)
K: USA
T: England
X: Australia
P: Canada
E: Europe
M: Other Areas

KRK-7DB INTERFACE UNIT (X46-3240-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
KRK-7DB (Y60-383)					
1	2A		A72-2003-03	SUB PANEL	
2	2F		A72-2004-03	SUB PANEL (H/FAD)	
3	2B		A62-0608-02	PANEL	
4	1F		A82-0031-02	REAR PANEL	
5	2H		B09-0393-04	CAP	ACSY
6			B42-3317-04	LABEL(S/NO)	
7	3B	*	B42-5822-04	MODEL NAME PLATE	BODY 1
7	3B	*	B42-5823-04	MODEL NAME PLATE	BODY 2
9	1H		B62-0993-00	INSTRUCTION MANUAL	
10	1G	*	E30-3328-05	TRUNK CABLE	ACSY
15	2H		E59-0404-05	SQUARE PLUG	ACSY
W101	2G		F30-3085-05	GROUND LEAD WIRE	ACSY
W102	2F, 2B		F37-0166-05	CONNECTING WIRE (11P)	
W103	3E		F37-0743-05	CONNECTING WIRE (ACC 12P)	
W104	1A		F37-0786-05	CONNECTING WIRE (UNIT 10P)	
16	3A		F07-1479-03	COVER	BODY 2
16	2H		F07-1479-03	COVER	ACSY
18	2E		G13-0864-04	CUSHION	
19	3A		G13-1684-04	CUSHION	BODY 2
20	2B		G53-0838-03	PACKING (PANEL)	
21	2G		H10-6620-02	POLYSTYRENE TQAMED FIXTURE	
22	1G		H11-0893-04	POLYSTYRENE PLATE	
23	2H		H25-0029-04	PROTECTION BAG (60x110)	
24	2H		H25-0096-04	PROTECTION BAG (80x120)	
25	1G, 2H		H25-0103-04	PROTECTION BAG (125x250)	
26	2G, 2H		H25-0120-04	PROTECTION BAG (150x150)	
27	3G		H52-1256-04	ITEM CARTON BOX	
28	2H		J21-4354-04	MOUNTING HARDWARE	ACSY
29	1H		J29-0648-03	ANGLE BRACKET	ACSY
30	2H		J61-0307-05	WIRE BAND	ACSY
31	2H		N08-0526-04	DRESSED SCREW	ACSY
32	2G		N99-0362-05	SCREW SET	ACSY
A	1F, 1F		N35-4006-45	BINDING HEAD MACHINE SCREW	
B	3A		N67-4016-45	PANHEAD SEMS SCREW W	BODY 2
C	1A, 1B		N87-2606-46	BRAZIER HEAD TAPTITE SCREW	
D	2A, 1B		N87-3008-46	BRAZIER HEAD TAPTITE SCREW	

INTERFACE UNIT (X46-3240-22) : BODY 1

C1,2		CK73GB1H102K	CHIP C	1000PF	K
C3		CC73GCH1H101J	CHIP C	100PF	J
C5-8		CK73GB1H102K	CHIP C	1000PF	K
C9,10		CK73GB1H103K	CHIP C	0.010UF	K
C13		CK73GB1H102K	CHIP C	1000PF	K
C14		CC73GCH1H101J	CHIP C	100PF	J
C16-19		CC73GCH1H101J	CHIP C	100PF	J
C20		CK73GB1H102K	CHIP C	1000PF	K
C21		C92-0507-05	CHIP-TAN	4.7UF	6.3WV
C22,23		C92-0560-05	CHIP TAN	10UF	6.3WV
C24,25		CK73GB1C104K	CHIP C	0.10UF	K
C42-49		CC73GCH1H101J	CHIP C	100PF	J

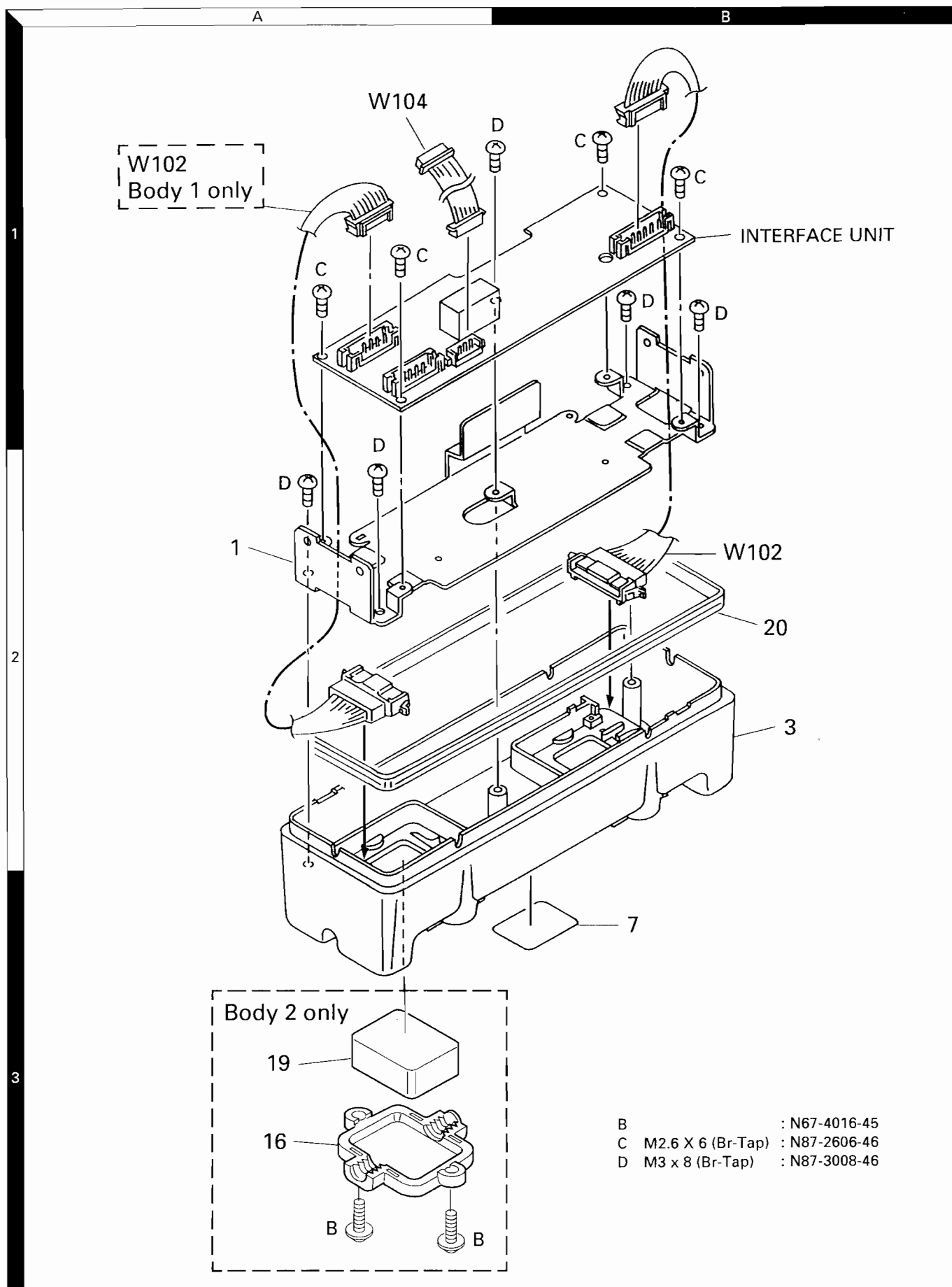
Ref. No.	Address	New parts	Parts No.	Description	Destination
CN1			E40-5953-05	PIN CONNECTOR (11P)	
CN3,4			E40-5953-05	PIN CONNECTOR (11P)	
CN5			E40-5951-05	PIN CONNECTOR (10P)	
L1,2			L40-1095-34	SMALL FIXED INDUCTOR (10UH)	
L7,8			L40-1095-34	SMALL FIXED INDUCTOR (10UH)	
R1			RK73GB1J103J	CHIP R	10K J 1/16W
R2,3			RK73GB1J473J	CHIP R	47K J 1/16W
R4			RK73GB1J103J	CHIP R	10K J 1/16W
R5			RK73GB1J473J	CHIP R	47K J 1/16W
R6			RK73GB1J184J	CHIP R	180K J 1/16W
R7			RK73GB1J153J	CHIP R	15K J 1/16W
R8			RK73GB1J332J	CHIP R	3.3K J 1/16W
R9			RK73GB1J123J	CHIP R	12K J 1/16W
R10			RK73GB1J332J	CHIP R	3.3K J 1/16W
R17			RK73GB1J184J	CHIP R	180K J 1/16W
R26,27			R92-1252-05	CHIP R	0 OHM
R33			R92-1252-05	CHIP R	0 OHM
R36			R92-1252-05	CHIP R	0 OHM
R38			R92-0679-05	CHIP R	0 OHM
R42			R92-1252-05	CHIP R	0 OHM
R122			R92-1252-05	CHIP R	0 OHM
K1			S76-0018-05	RELAY (12V)	
D1,2			1SS355	DIODE	
D4			DA204K	DIODE	
D5			1SS355	DIODE	
IC1			BU4066BCF	IC (ANALOG SWITCH X4)	
IC2			BU4094BCF	IC (8-STAGE SHIFT/STORE REGISTER)	
IC3			NJM4558M	IC (OP AMP X2)	
Q1			2SC4116(Y)	TRANSISTOR	
Q2-5			DTC114EK	TRANSISTOR	

INTERFACE UNIT (X46-3240-23) : BODY 2

C1,2		CK73GB1H102K	CHIP C	1000PF	K
C3		CC73GCH1H101J	CHIP C	100PF	J
C5-7		CK73GB1H102K	CHIP C	1000PF	K
C10		CK73GB1H103K	CHIP C	0.010UF	K
C13		CK73GB1H102K	CHIP C	1000PF	K
C16-19		CC73GCH1H101J	CHIP C	100PF	J
C42-49		CC73GCH1H101J	CHIP C	100PF	J
CN3,4		E40-5953-05	PIN CONNECTOR (11P)		
CN5		E40-5951-05	PIN CONNECTOR (10P)		
L7-9		L40-1095-34	SMALL FIXED INDUCTOR (10UH)		
R12		R92-1252-05	CHIP R	0 OHM	
R15		R92-1252-05	CHIP R	0 OHM	
R29,30		R92-1252-05	CHIP R	0 OHM	
R39-41		R92-1252-05	CHIP R	0 OHM	
R123		R92-1252-05	CHIP R	0 OHM	
K1		S76-0018-05	RELAY (12V)		
D2		1SS355	DIODE		
D4		DA204K	DIODE		
D5		1SS355	DIODE		

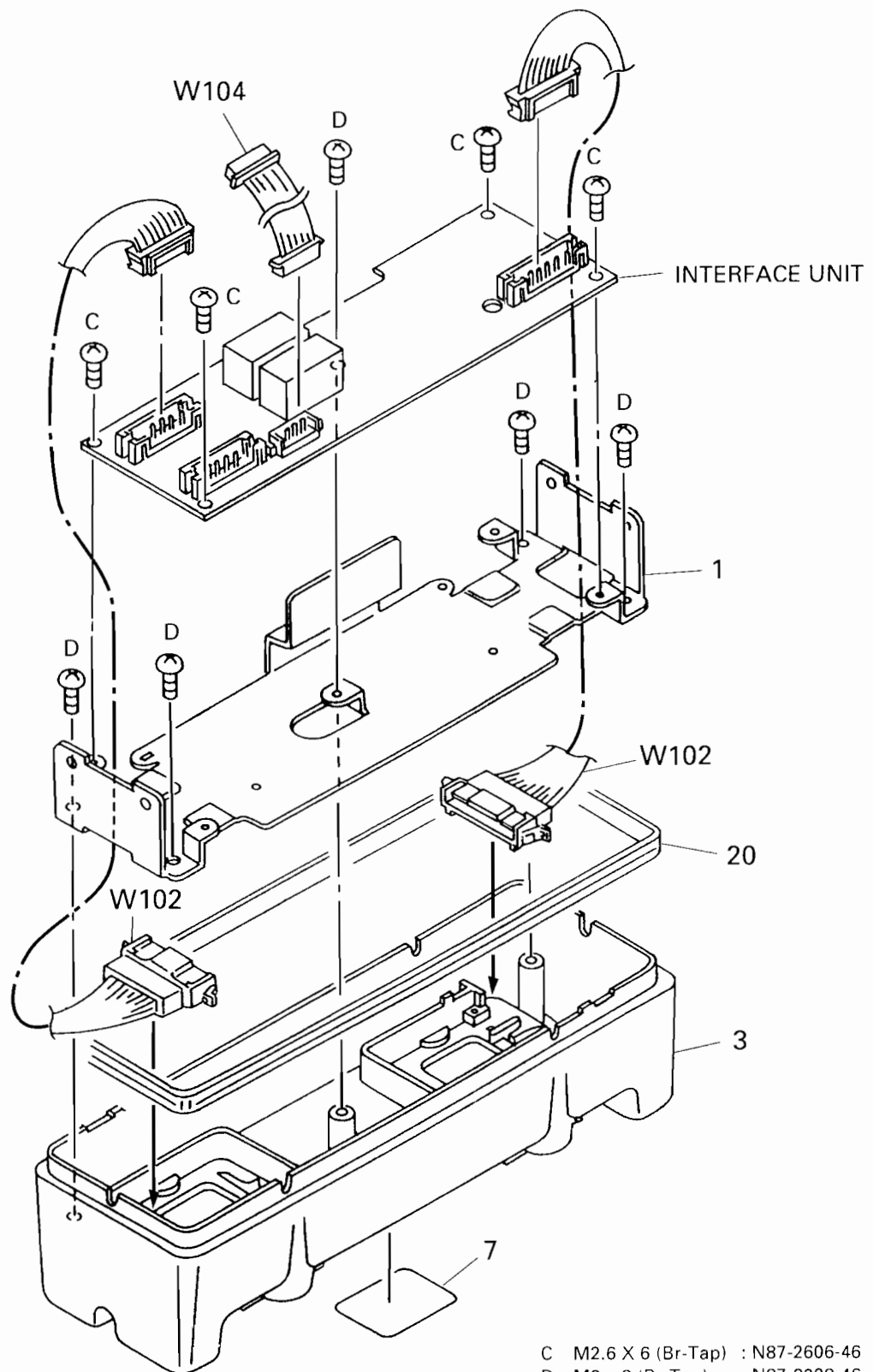
KRK-7DB/8DBH

EXPLODED VIEW (KRK-7DB)



KRK-7DB/8DBH

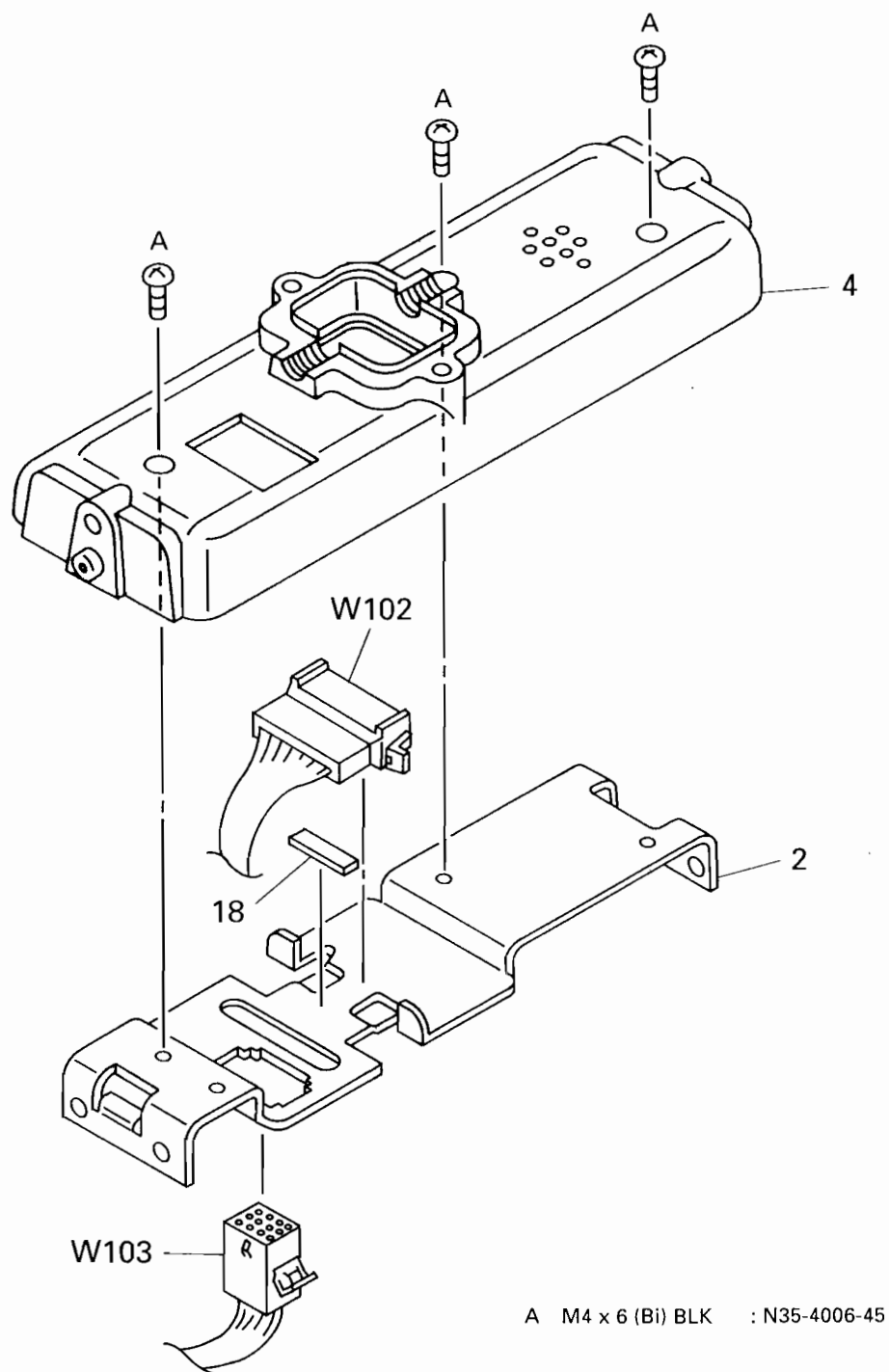
EXPLODED VIEW (KRK-8DBH)



C M2.6 X 6 (Br-Tap) : N87-2606-46
D M3 x 8 (Br-Tap) : N87-3008-46

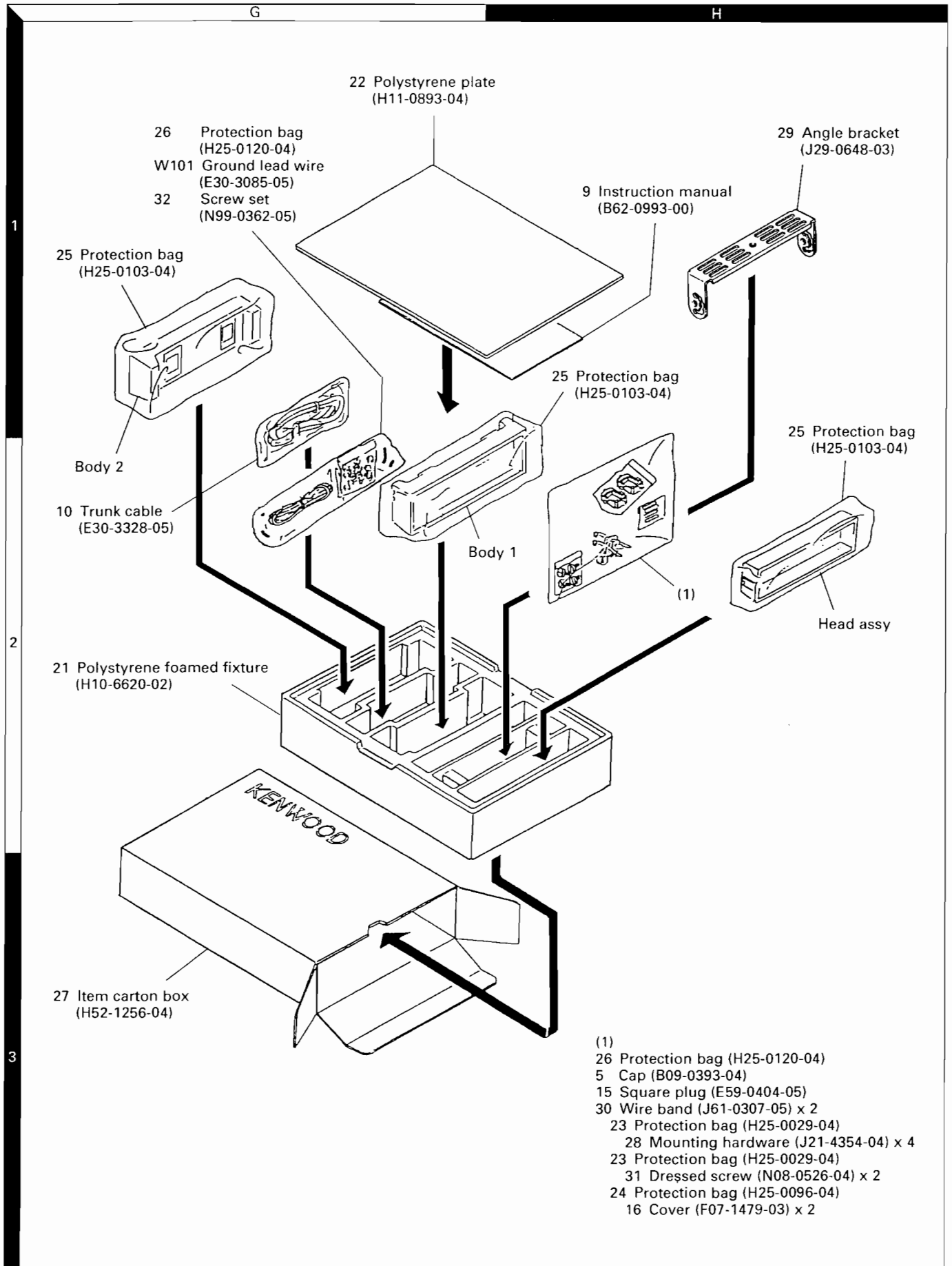
KRK-7DB/8DBH

EXPLODED VIEW (HEAD)



A M4 x 6 (Bi) BLK : N35-4006-45

PACKING (KRK-7DB)



KRK-7DB/8DBH

PACKING (KRK-8DBH)

