STORNOPHONE 6000

MAINTENANCE MANUAL

VOLUME I

APRIL 1990

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Storno

Stornophone 6000

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MAINTENANCE MANUAL
VOLUME I

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RADIO EQUIPMENT

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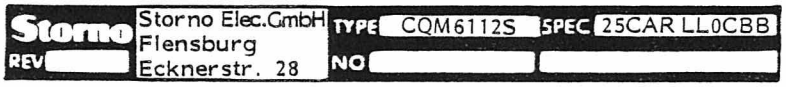
CQM6xxx

NOMENCLATURE

The radio set received is marked with the label below:

① Address field: address of the relevant Storno profit center.
② Type: combination number radio equipment, contain up to 11 digits.
③ Spec.: combination number radio equipment (second part, see chart) and structured options (see chart), contain up to 12 digits.
④ Serial no.: contain up to 12 digits.
⑤ Revision letter: letter giving the revision of the radio beginning with "A" or "1".
⑥ Country approval no.: contain up to 18 digits.



This label signifies that the radio set is:

CQM6 - a mobile version of the 6000 serie
1 - TX frequency range is between 136 MHz and 174 MHz
1 - RX frequency range is between 136 MHz and 174 MHz
2 - The channel spacing is 25 kHz
S - Simplex operation

This information is given by the "TYPE" designation.

The "SPEC" designation gives information about the radio set as well as about the structured options (see the chart on the next page). In the present example indicates that:

25 - the RF power output is 25 W
C - the radio set is equipped with a comprehensive control box
A - the set as been made for a country affiliated to STAS Export in copenhagen
R - the control box will be installed separately for remote control

The rest of the letters are referring to structured options.

L L 0 C B B

This signifies that:

L - the TX frequency split is low meaning that it is comprised between 174 and 210 MHz.
L - the RX frequency split is low meaning that it is comprised between 174 and 210 MHz.
0 - there is no possibility of using a channel guard CTCSS in this radio set.
C - the set is controlled by use of an all-round program.
B - the frequency stability of the radio is in the range 5 ppm.
B - the personality data wanted can be programmed through the H-bus in the E^2prom placed on the common function board (CF6001) in the radio.

COMBINATION NUMBER RADIO EQUIPMENT								
TYPE					SPECIFICATION			
01 - 04	05	06	07	08	09 - 10	11	12	13
PRODUCT CODE	TX FREQ. RANGE MHz	RX FREQ. RANGE MHz	CHANNEL SPACING kHz	RADIO TYPE	RF POWER OUTPUT Watt	CONTROL	MARKET	INSTAL-LATION
CQM 6 Mobile 6000	1 136-174	1 136-174	2 25	S SIMPLEX	0 1 1	C Compre-hensive	A STAS EXPORT	L LOCAL
	3 66-88	3 66-88	3 20		0 6 6	D Comprehensive Less signl.	D STAS HOME	R REMOTE
	5 350-410	5 350-410	4 12.5		1 0 10		E SLTD	P PORTABLE
	6 403-470	6 403-470			1 5 15		F STOF	
	7 174-225	7 174-225			2 5 25		G STEL	
	8 806-870	8 806-870					S STAB	
	9 860-960	9 860-960						

STRUCTURED OPTIONS					
A	B	C	E	G	H
TX FREQUENCY SPLIT MHz	RX FREQUENCY SPLIT MHz	CHANNEL GUARD CTCSS	FIRMWARE PACKAGE	SPECIAL FREQ. STABILITY	FIELD CUSTOMIZATION
0 NONE	0 NONE	0 NONE	0 NONE	0 STANDARD	0 NONE
L LOW 174 - 210	L LOW 174 - 210	D DECODER	C TONESWITCHING III	B 5 ppm	A Unprogrammed EPROM
H HIGH 190 - 225	H HIGH 190 - 225			C 2 ppm	B E^2 PROM

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STORNOPHONE 6000

PRESENTATION

The STORNOPHONE 6000 mobile radiotelephone is a DIN-size radio which permits mounting in the auto radio emplacement.

The radio package is rugged, splashproof and fitted with a lock. When mounted, it is locked to the mounting device and can only be removed by means of a key. On a combined control head and handset the keyhole is placed in the retainer.

The cassette mounting, provides the customer with the possibility of removing the radio from one car to another without having to worry about cables etc. The lock is released, the radio is pulled out, moved to another car or carrier case, plugged in, all connections are made automatically and the radio is operational. Beside this option the conventional mounting will of course be available.

It is possible to put several control units in parallel via a junction box.

MAIN PARTS

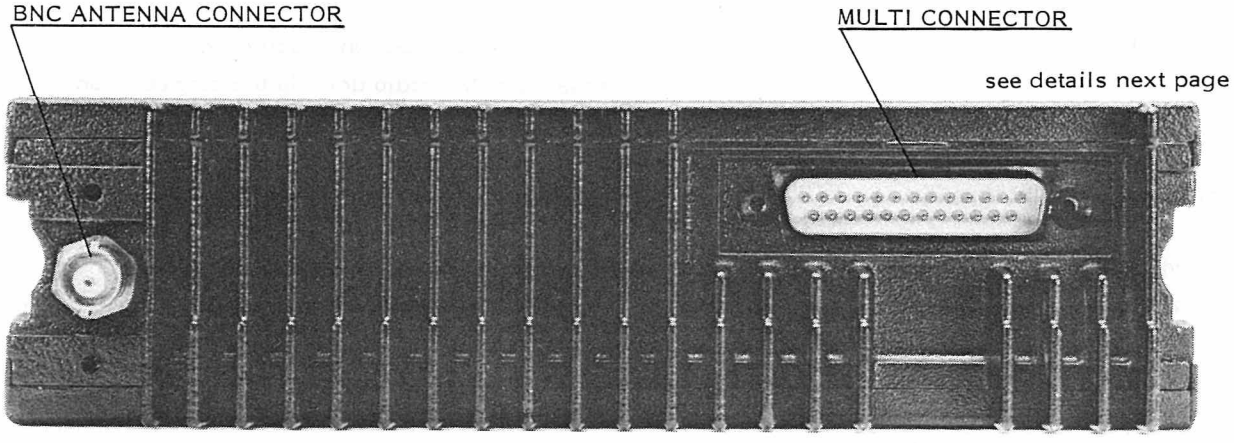
The radiotelephone may be divided into two main parts:

- the radio unit
- the control box

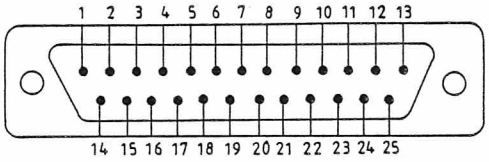
RADIO UNIT

The radio unit is contained in a moulded aluminium cabinet. On the front of the radio cabinet there is a connector used for local control only.

On the back of the cabinet there are two connectors: the antenna connector, and the connector for power supply, accessories and controlbox used for remote control.



VIEW FROM OUTSIDE

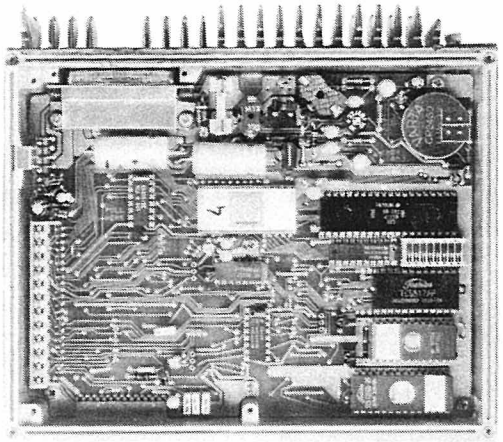


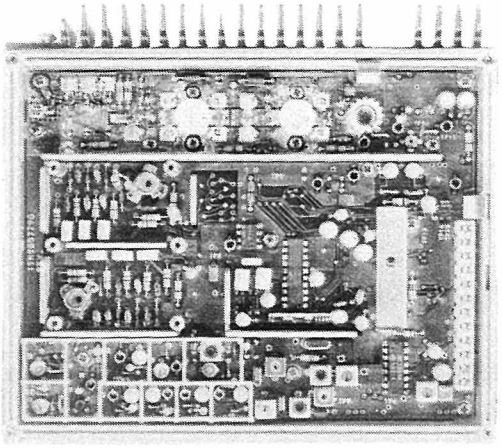
Terminal	Function	Terminal	Function
1	+ BATT	14	+ BATT
2	+ BATT	15	IGNITION
3	PORTABLE	16	$\overline{\text{CAR RADIO MUTE}}$
4	$\overline{\text{PTT}}$	17	CAR HORN RELAY
5	$\overline{\text{SERVICE REQ}}$	18	SIGNAL GND
6	DIR	19	MIC HI
7	DATA	20	TONE/EMER. SW
8	ON/OFF RESET	21	HOOK SWITCH
9	+5 V	22	TX LINE
10	RX LINE	23	LS +
11	RX-PROC	24	LS -
12	- BATT	25	- BATT
13	- BATT		

If the top cover of the radio cabinet is removed the common function board and the duplex filter are revealed.

By removing the bottom cover of the radio cabinet access is gained to the receiver and transmitter circuits.

The electrical connection between the two sections are made with a feed through connector block passing through the common function board.





CONTROL BOX

The control box consists of a metal chassis, a keyboard with push buttons, a control logic board with control lamps, and display.

The control box may be mounted in different plastic frames determinating the final version of the control box.

The printed board has a Vacuum Flourescent Display and a microprocessor. The microprocessor will, when a button is activated, send a message to the radio unit via the connector on the back of the chassis.

There are three different types of plastic frames for mounting of the control box:

- standard frame
- frame for combined control box/microtelephone
- orientated

The frame is determined by digit No. 4 in the control box combination number.

MOUNTING

The set may be considered as a local and/or remote controlled radio, which is determined by the mounting chosen by the customer.

LOCAL MOUNTING

In the local controlled version the control head or the combined control head and handset is mounted on the front of the cabinet.

The electrical connections take place via the connector on the front of the radio and on the back of the control box.

The radiotelephone may, as an option, be used in a carrier case. This requires a combined control head and handset for local mounting.

When ordering local mounting the last position of the radio combination number for as well control box as radio unit should be "L" (local).

REMOTE MOUNTING

In the remote controlled version the radio unit and the control box can be mounted in different places in the car.

The radio is connected from a connector on the back of the radio unit to a control head and/or a combined control head and handset via a junction box.

The said junction box is also used for connection of various accessory units such as loudspeaker, microphone or handset.

The last position of the radio combination number should be "R" if remote control is wanted.

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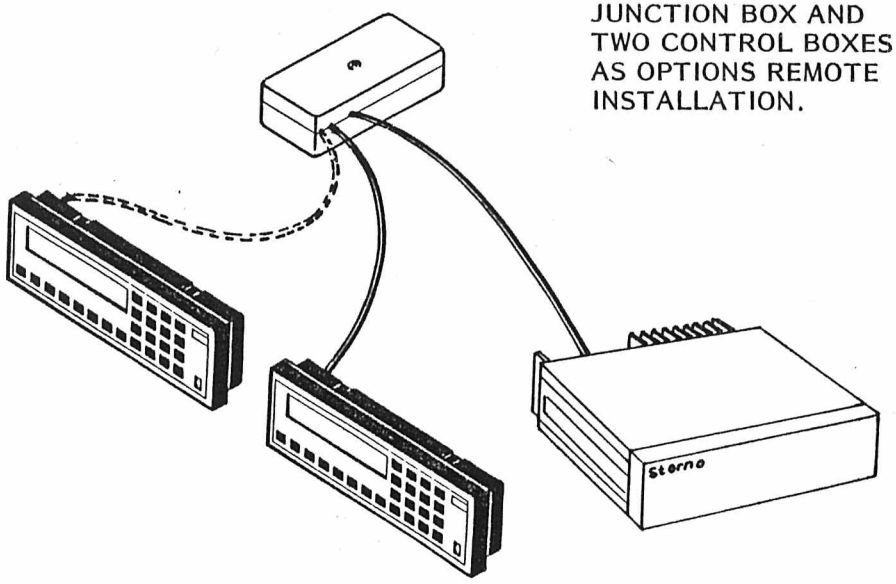
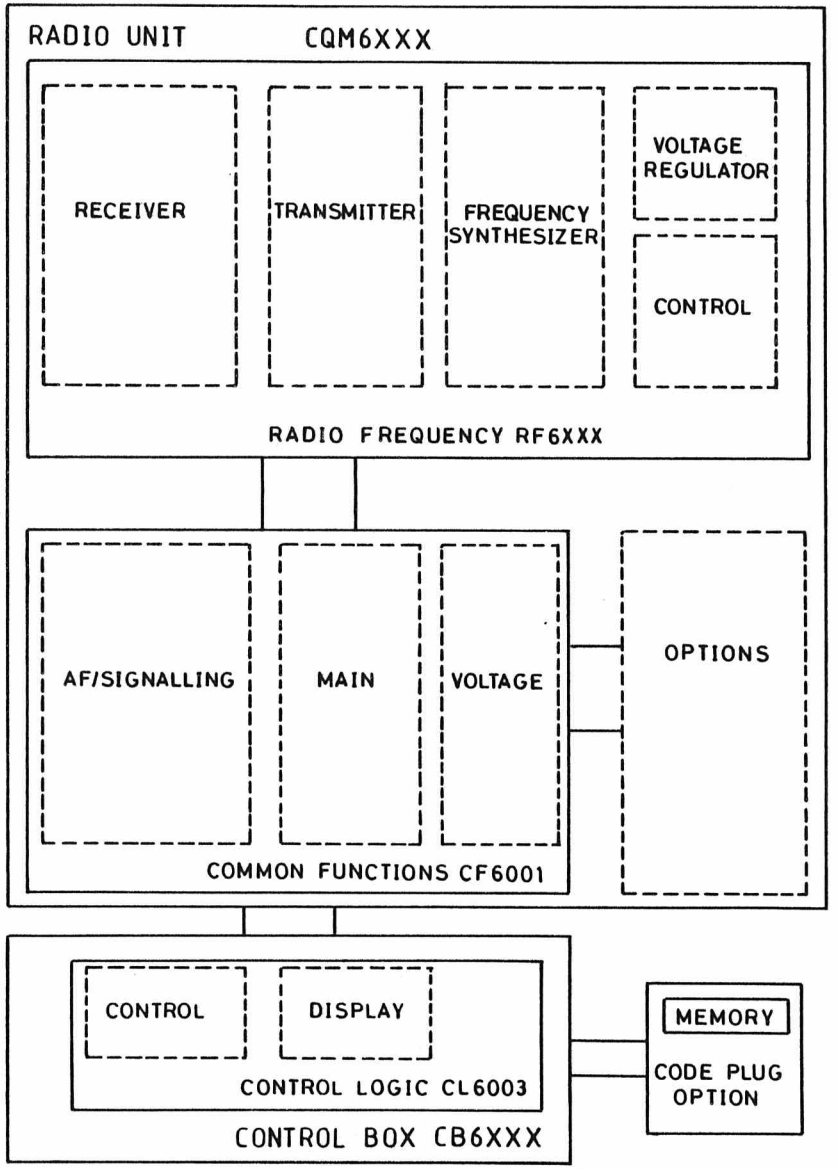
RADIO UNIT WITH
ONE CONTROL BOX,
LOCAL INSTALLATION.

CODE PLUG

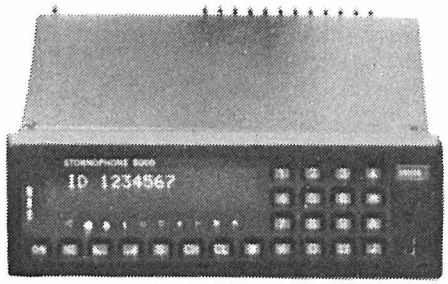
RADIO UNIT WITH
JUNCTION BOX AND
TWO CONTROL BOXES
AS OPTIONS REMOTE
INSTALLATION.





STORNOPHONE 6000 PRINCIPLES

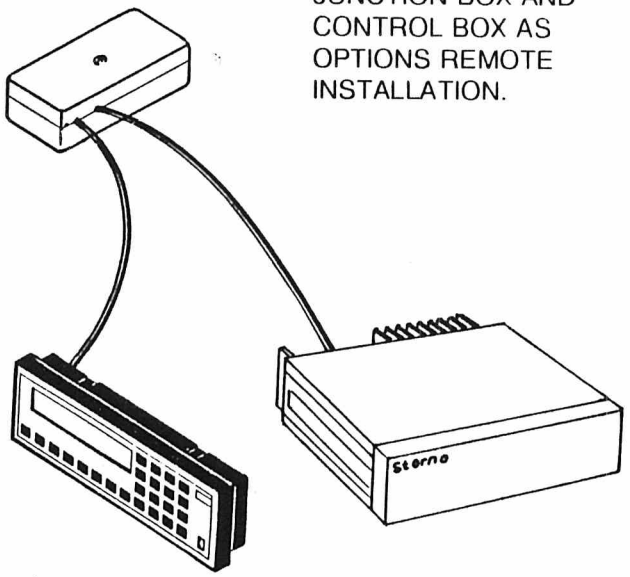
D404.443

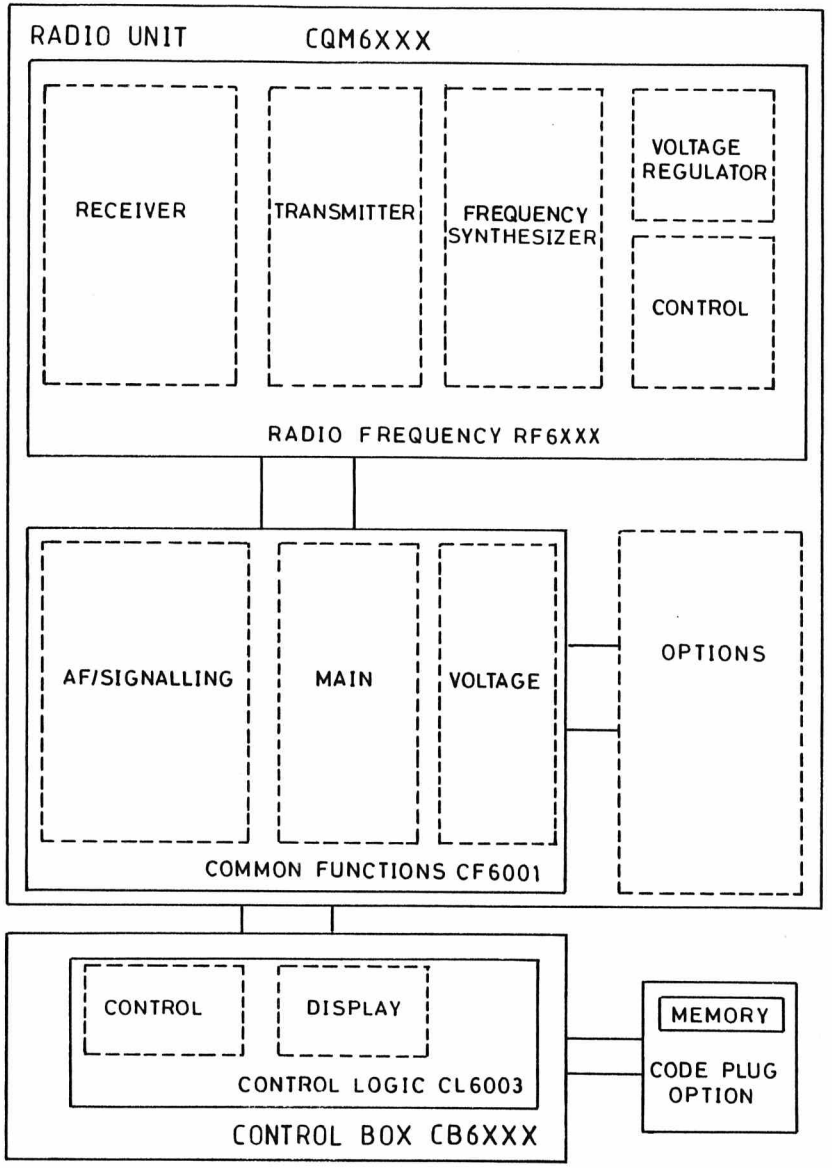


RADIO UNIT WITH ONE CONTROL BOX, LOCAL INSTALLATION.

CODE PLUG

RADIO UNIT WITH JUNCTION BOX AND CONTROL BOX AS OPTIONS REMOTE INSTALLATION.





STORNOPHONE 6000 PRINCIPLES

D404.443/2

Storno

STORNOPHONE 6000

MECHANICAL DESCRIPTION

RADIO PACKAGE DESCRIPTION

The radio package is constructed with an aluminium casting H-frame and sheet metal top and bottom covers.

The RF-board is mounted to the bottom half of center shelf, with 17 pcs. captive screws + 1 screw of plast material. 2 pcs. SMB connectors on the RF-board are going through the H-frame to the duplex filter (RX and TX connection).

The H-frame is equipped with shields placed in slots in the print, making RF shielding between the RX and the TX part of the radio.

The duplex filter is mounted with three M3 screws.

The CF board is mounted with 5/4 pcs. captive screws of each.

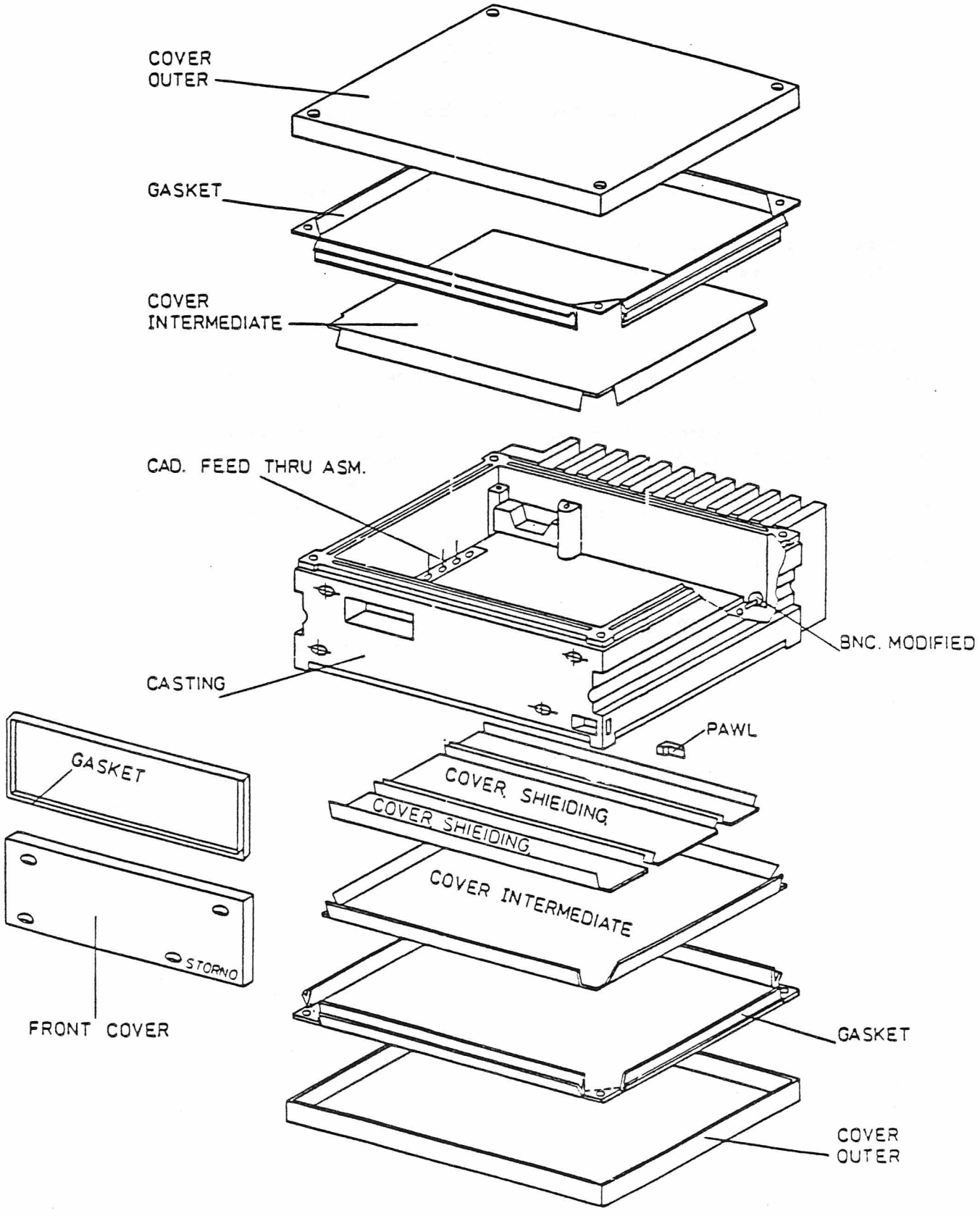
On the two prints the highest components are placed between each other and the chip components are placed away from each other.

SHIELDING

The RF section and the CF section of the radio, is shielded from each other by the H-frame. The electrical connection between the two sections are made with a feed through connector block decoupling all connection and one feed through connector for power to the PA-stage.

There are four different smaller covers and one large cover for shielding the RF section.

In addition to this two weatherprotection covers are available.



MECHANICAL LAYOUT
STORNOPHONE 6000

Storno

STORNOPHONE 6000

MECHANICAL DESCRIPTION

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SHIELDING

The RF section and the CL section of the radio, is shielded from each other by the H-frame. The electrical connection between the two sections are made with a feed through connector block decoupling all connection and one feed through connector for power to the PA-stage.

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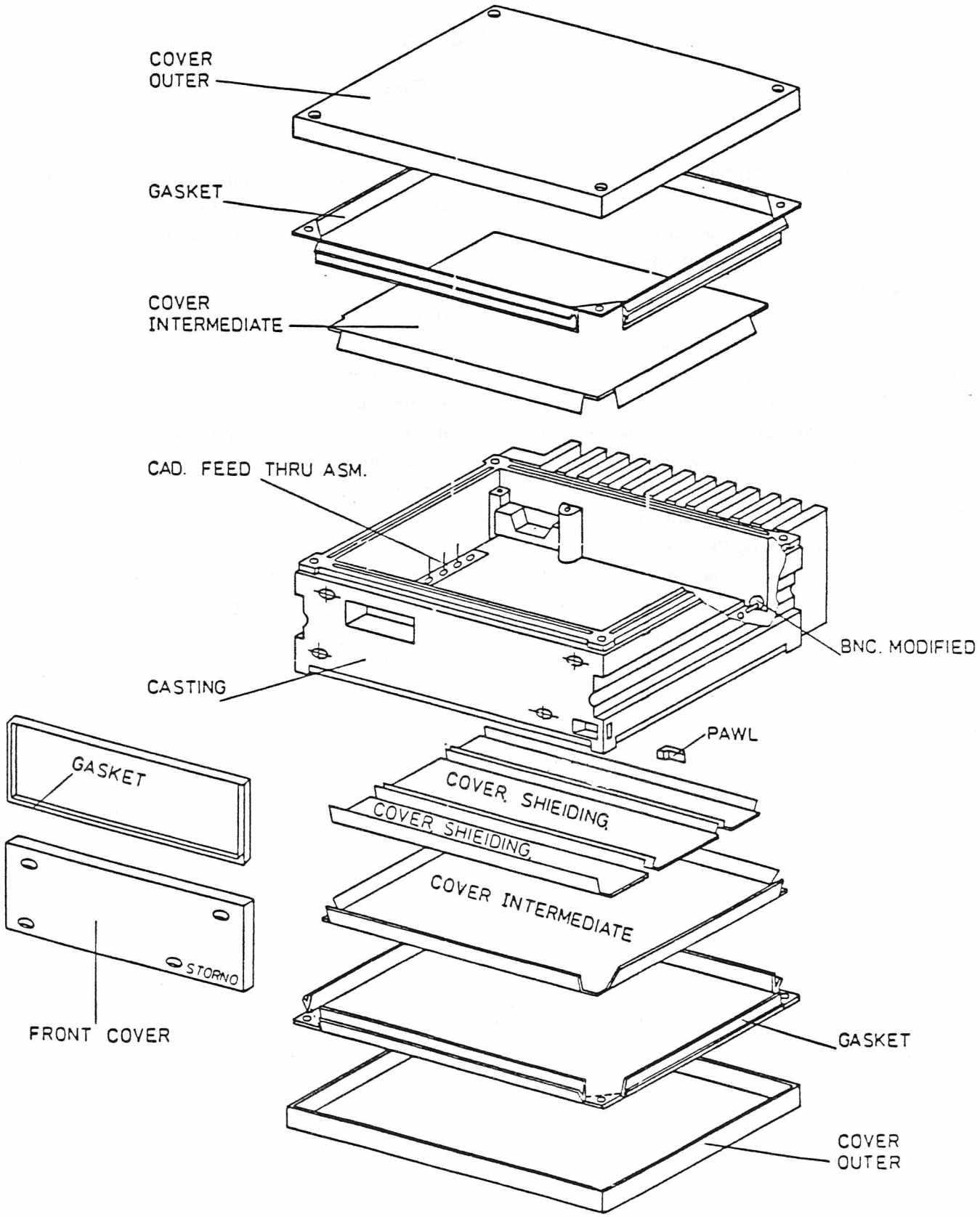
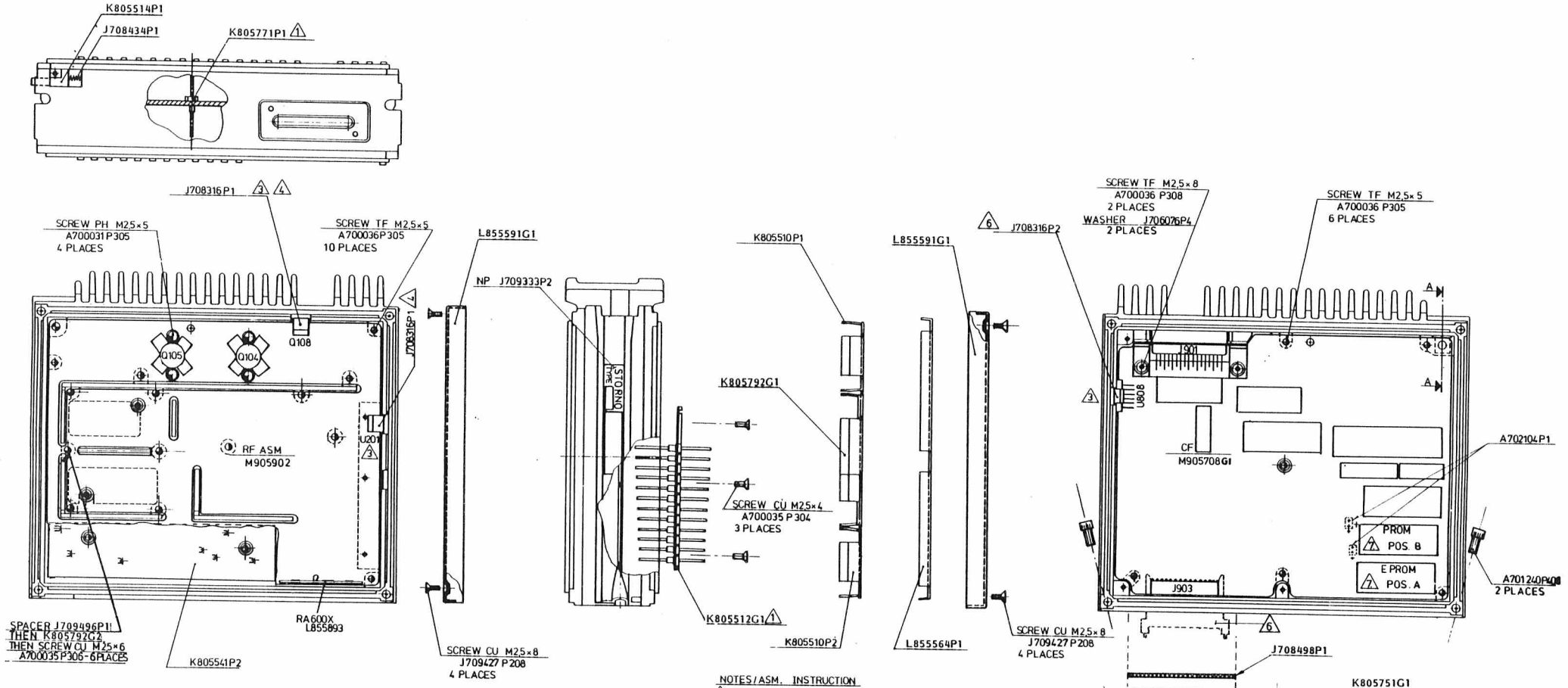
In addition to this two weatherprotection covers are available.

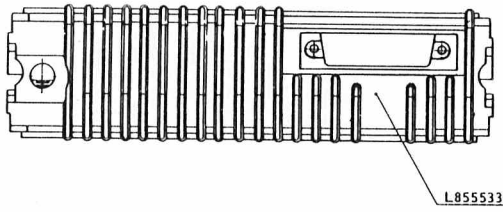


MECHANICAL LAYOUT
STORNOPHONE 6000

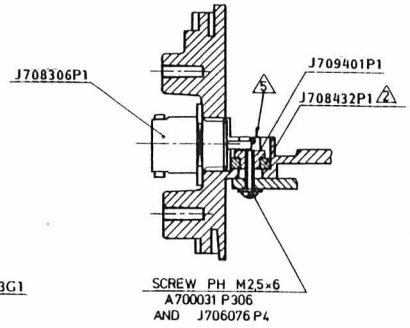
Storno

Storno





VIEW A-A



NOTES/ASM. INSTRUCTION

1. MOUNT FEED THRU ASM K805512 AND FEED THRU CAP. K805771 TO CABINET FROM RF SIDE. SECURE THREAD OF K805771 WITH LOCKINGLAQUER AS Dr.G.Wicke No.1616 GREY OR SIMILAR.
2. MOUNT WASHER J708432 INTO ANTENNA GROOVE, THEN PRESS BUSH J709401 INTO WASHER.
3. APPLY THERMAL COMPOUND J706991 P1 TO BOTH SIDES OF INS. PLT. J708443 AND TO Q104, Q105, Q108, U201 AND U808
4. MOUNT GND PLT. K805541, THEN PLACE RF PWB INTO CABINET AND MOUNT CLIP J708316 FOR Q108 AND U201, THEN FASTEN Q104 AND Q105 WITH SCREWS BEFORE FASTEN ANTENNA BUSH AND REST OF PWB.
5. SCREW J708306 INTO CABINET, THEN SOLDER PIN TO ANTENNA BUSH.
6. PLACE CF PWB AND USE WAFER L855564 AS GUIDE FOR J903, THEN MOUNT CLIP J708316P2 FOR U808 AND FASTEN ALL SCREWS ON PWB
7.

POS. A	POS. B
J709355P1 OR J709354G1	J708345P2 OR J709354G2 OR J709354G3

8. U201, U808, Q104, Q105, Q108 SHOULD PREFERABLY BE SOLDERED INTO THE PWB ONLY AFTER THE PWB AS WELL AS THE TRANSISTORS HAVE BEEN PROPERLY MOUNTED ON THE EQUIPMENT CHASSIS. IF THE SOLDERING OF THE TRANSISTOR LEADS IS TO BE DONE IN A FIXTURE PRIOR TO THE MOUNTING ON THE CHASSIS, EXTREME CARE SHOULD BE TAKEN THAT THE TRANSISTOR LEADS WILL NOT BE STRESSED DURING THE FINAL MOUNTING.

MECHANICAL LAYOUT & PART NUMBERS
CQM611X/677X SIMPLEX 136-174-225MHz

M405.280

Storno

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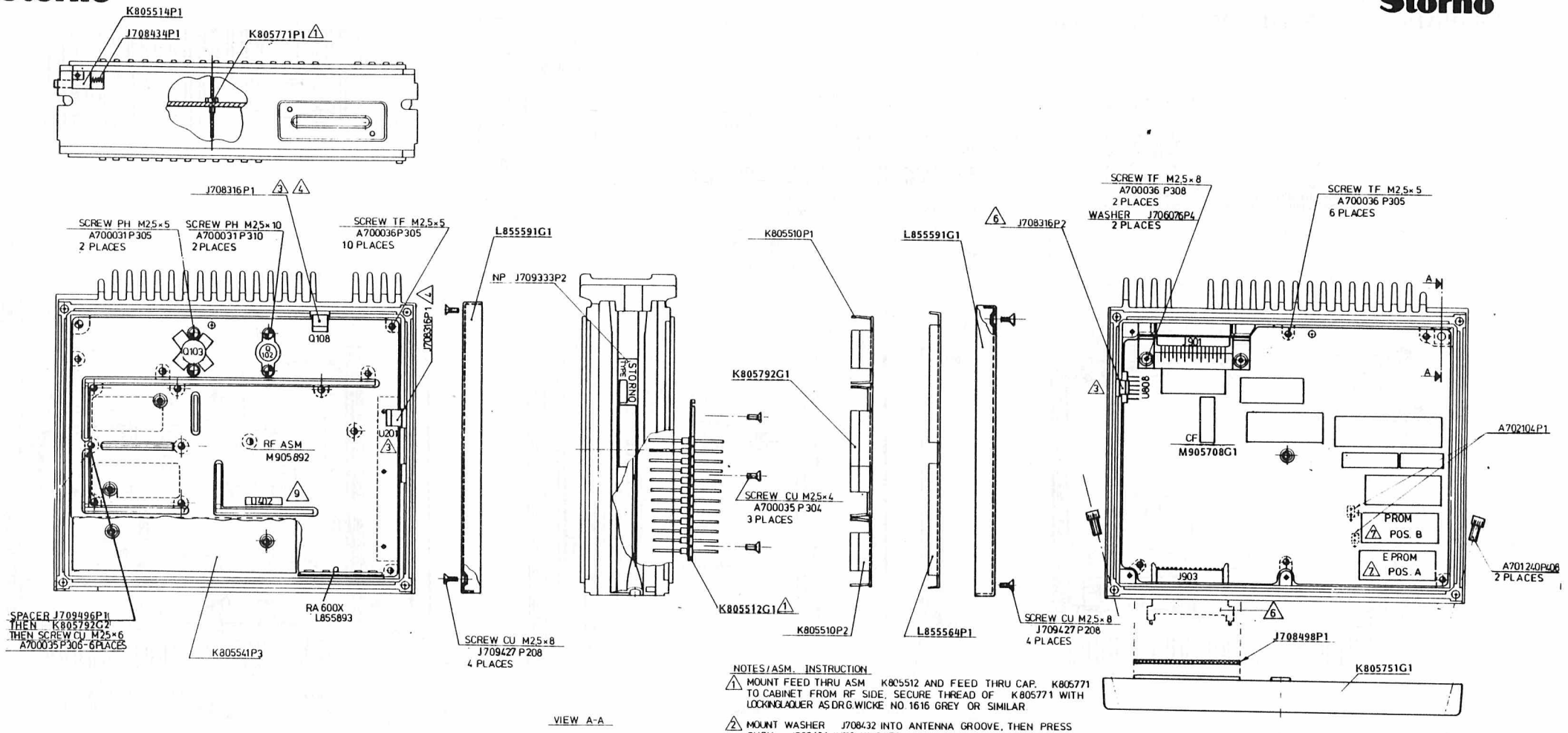
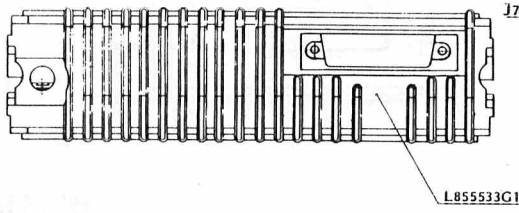
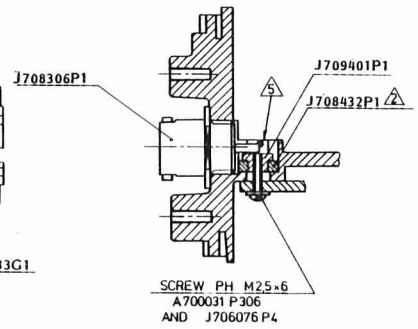




VIEW A-A



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4. MOUNT GND PLT. K805541, THEN PLACE RF PWB INTO CABINET AND MOUNT CLIP J708316 FOR Q108 AND U201, THEN FASTEN Q102 AND Q103 WITH SCREWS BEFORE FASTEN ANTENNA BUSH AND REST OF PWB.
5. SCREW J708306 INTO CABINET, THEN SOLDER PIN TO ANTENNA BUSH.
6. PLACE CF PWB AND USE WAFER L855664 AS GUIDE FOR J903, THEN MOUNT CLIP J708316P2 FOR U808 AND FASTEN ALL SCREWS ON PWB
7.

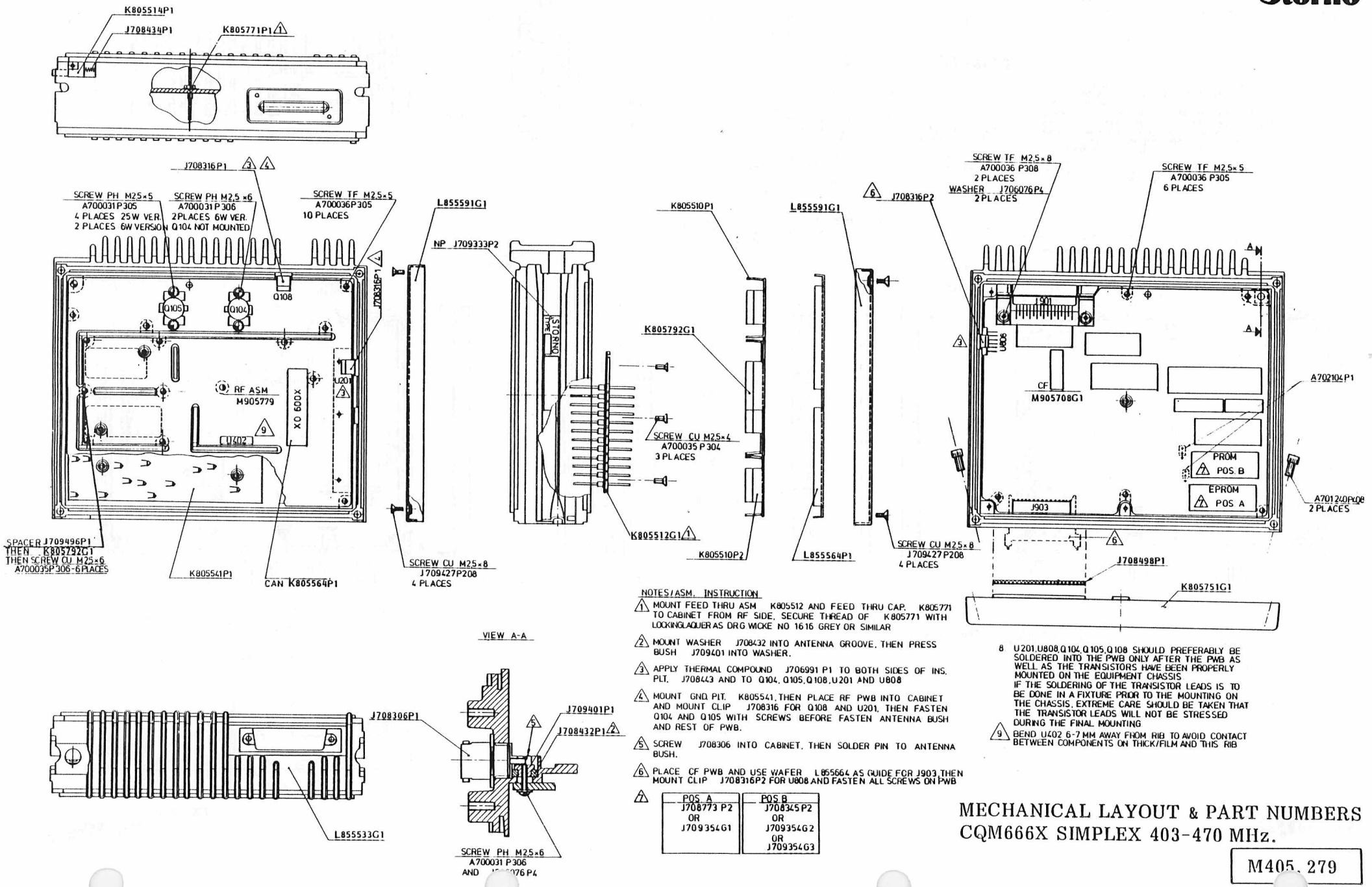
POS. A	POS. B
J709355P1 OR J709354G1	J708345P2 OR J709354G2 OR J709354G3

8. U201, U808, Q102, Q103, Q108 SHOULD PREFERABLY BE SOLDERED INTO THE PWB ONLY AFTER THE PWB AS WELL AS THE TRANSISTORS HAVE BEEN PROPERLY MOUNTED ON THE EQUIPMENT CHASSIS. IF THE SOLDERING OF THE TRANSISTOR LEADS IS TO BE DONE IN A FIXTURE PRIOR TO THE MOUNTING ON THE CHASSIS, EXTREME CARE SHOULD BE TAKEN THAT THE TRANSISTOR LEADS WILL NOT BE STRESSED DURING THE FINAL MOUNTING.
9. BEND U402 6-7 MM AWAY FROM RIB TO AVOID CONTACT BETWEEN COMPONENTS ON THICK/FILM AND THIS RIB

MECHANICAL LAYOUT & PART NUMBERS
CQM633X SIMPLEX 66-88 MHz

M405.281

Storno



NOTES/ASM. INSTRUCTION

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7.

POS A	POS B
J708773 P2 OR J709354G1	J708345 P2 OR J709354G2 OR J709354G3

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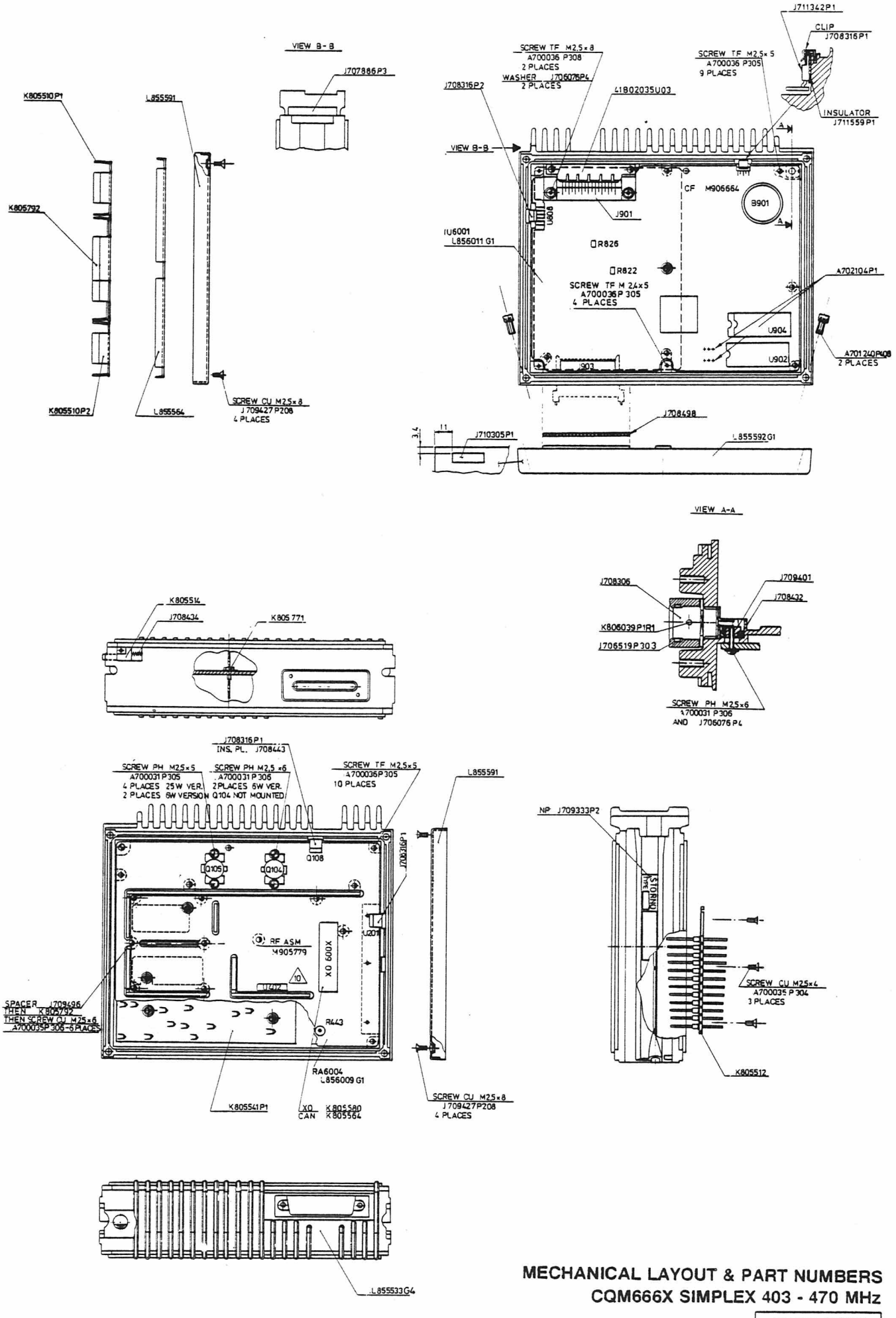
9. BEND U402 6-7 MM AWAY FROM RIB TO AVOID CONTACT BETWEEN COMPONENTS ON THICK/FILM AND THIS RIB

MECHANICAL LAYOUT & PART NUMBERS
CQM666X SIMPLEX 403-470 MHz.

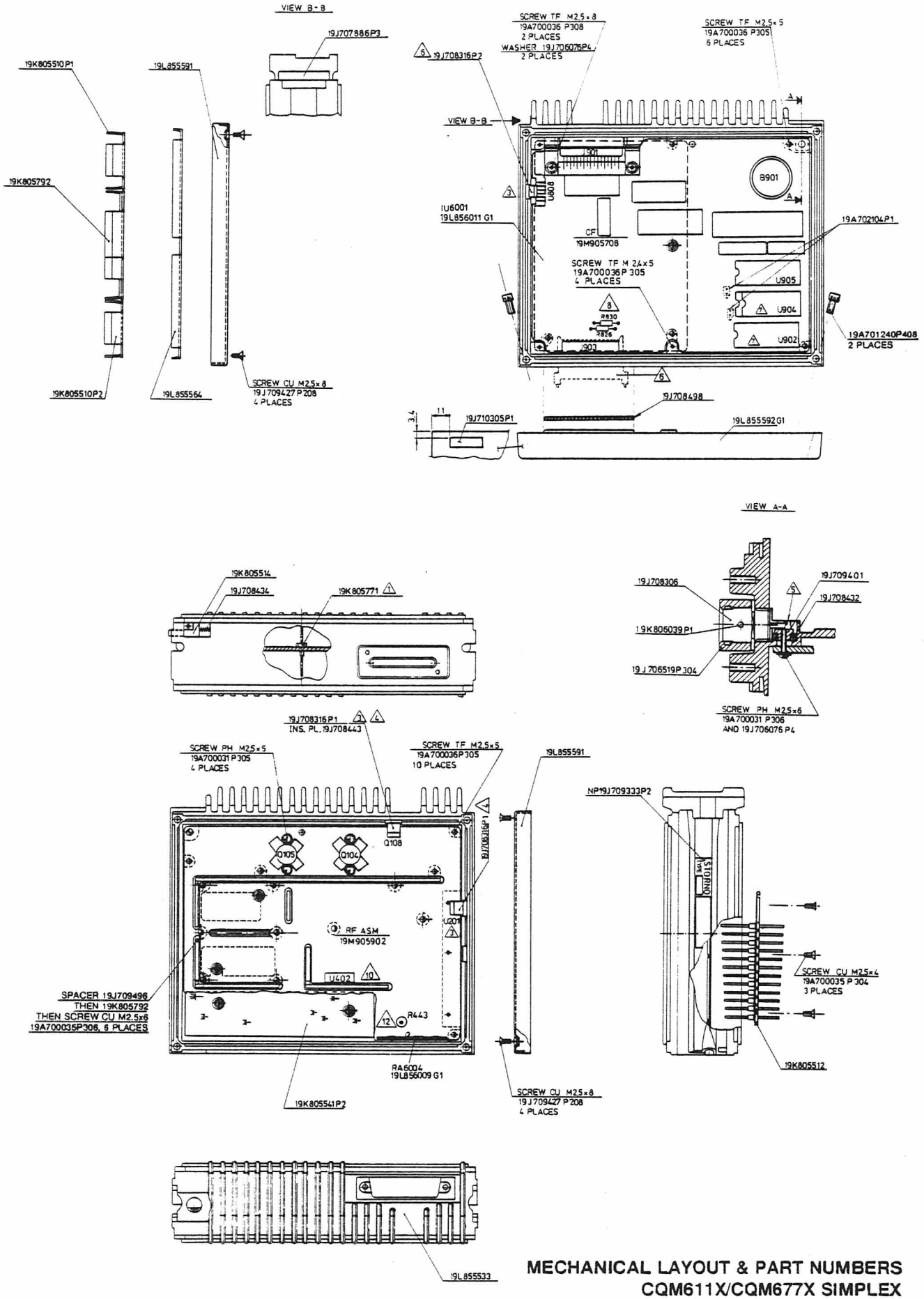
M405.279



MECHANICAL LAYOUT & PART NUMBERS
CQM666X SIMPLEX 403 - 470 MHz

M405.279/3

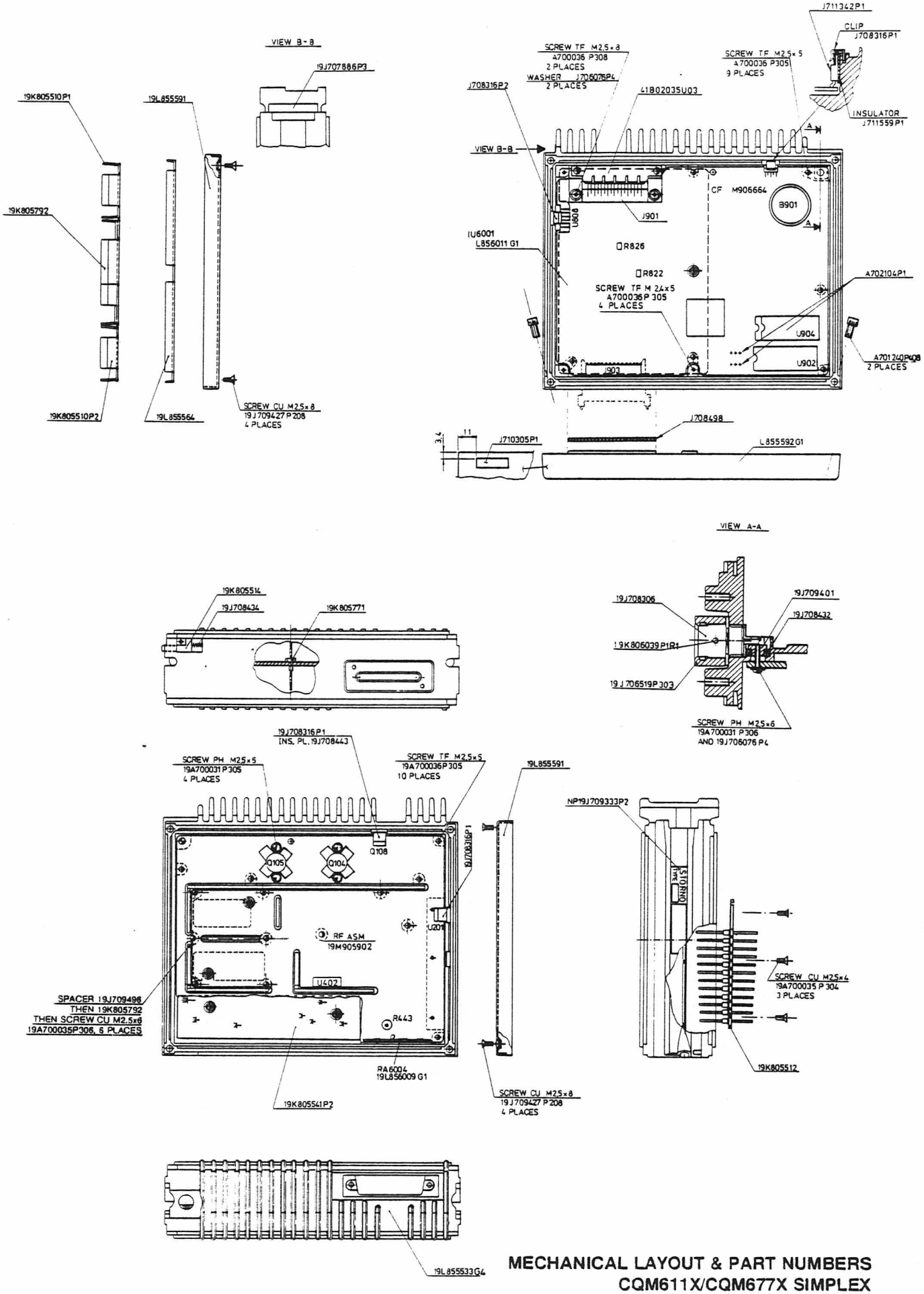
DOC. ISSUE 07.03.90



MECHANICAL LAYOUT & PART NUMBERS
CQM611X/CQM677X SIMPLEX
136-174MHz/174-225MHz

DOC. ISSUE 09.11.89.

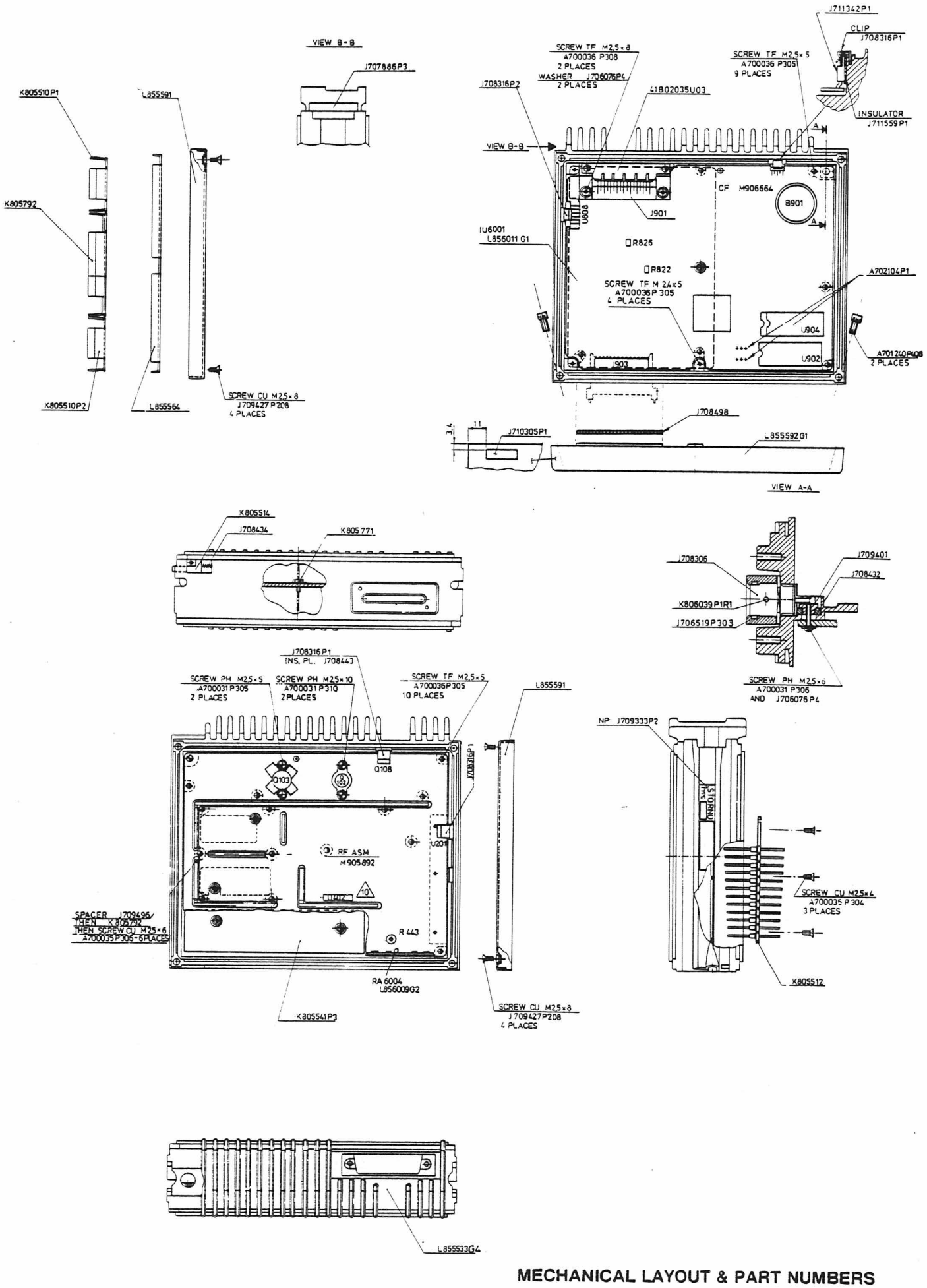
M405.280/3



MECHANICAL LAYOUT & PART NUMBERS
CQM611X/CQM677X SIMPLEX
136-174MHz/174-225MHz

DOC. ISSUE 07.03.90.

M405.280/4



MECHANICAL LAYOUT & PART NUMBERS
CQM633X SIMPLEX 66 - 88 MHz

M405.281/3

DOC. ISSUE 07.03.90.

CONTROL BOX

- Nomenclature
- Presentation
- Mechanical description
- Mechanical layout
- Mechanical Part list
- Keyboard matrix
- Handset assembly
- JP6002 Electrical diagram
- 13 PIN connector/component layout
- Connector assembly/component layout

CQM6XXX

CONTROL BOX NOMENCLATURE

01 - 03	04	05 - 06	07	08
PRODUCT CODE	TYPE OF CONTROL	FRONT PANEL	MARKET (VERSION)	INSTALLATION
C B 6 CONTROL BOX 6000	0 PANEL CONTROL	0 1 COMPREHENSIVE	A STAS EXPORT	L LOCAL
	1 HANDSET CONTROL	0 2 BASIC	D STAS HOME	R REMOTE
	2 WEATHERPROOF PANEL	1 0 NMT	E SLTD	
	4 COMPACT		F STOF	
	X RETAINER ONLY		G STEL	
	Y SERVICE PART		N NORWAY	
			S STAB	
			Y FINLAND	

Storno

CQM 6xxx
CONTROL BOX NOMENCLATURE

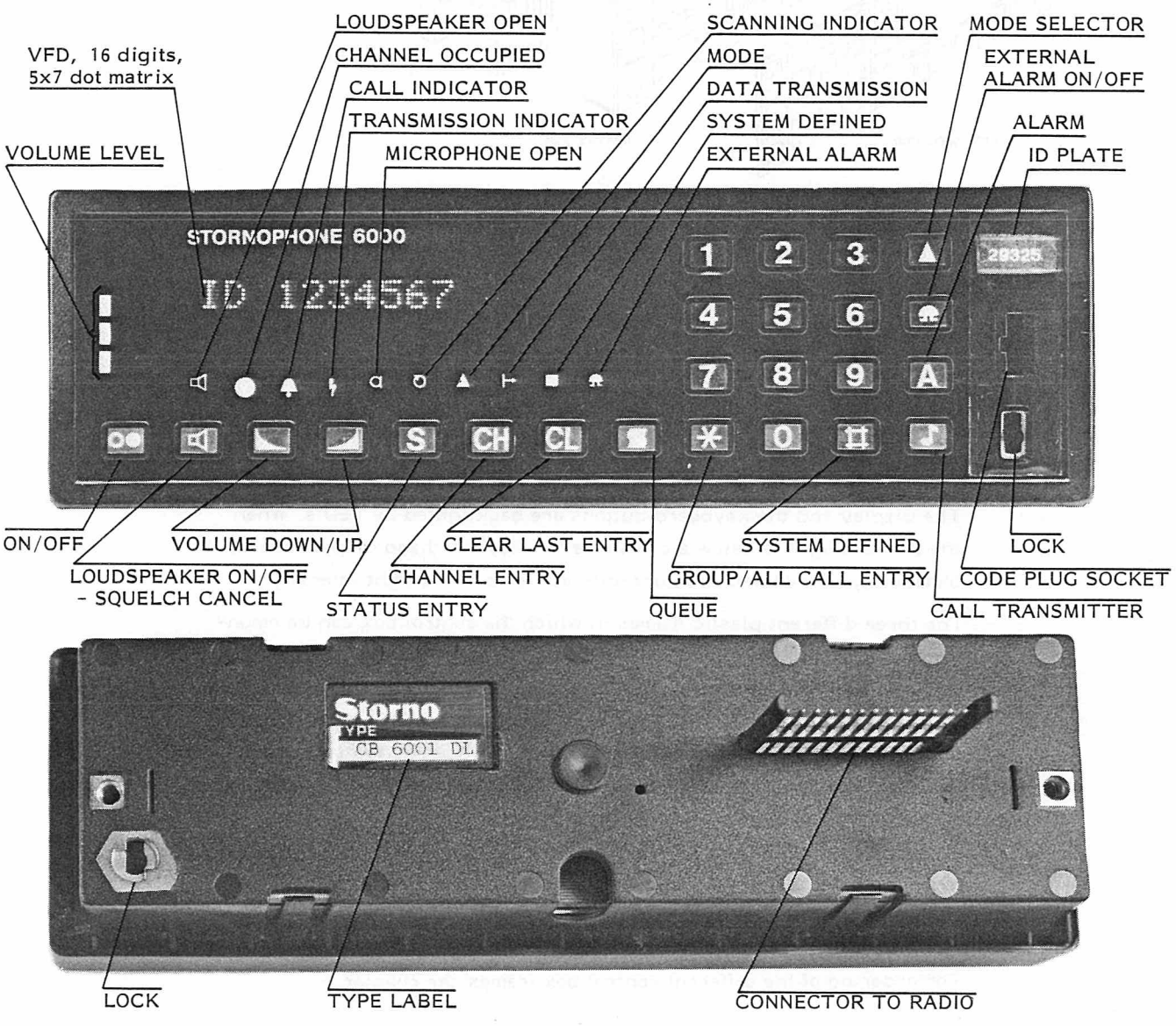
01 - 03	04	05 - 06	07	08
PRODUCT CODE	TYPE OF CONTROL	FRONT PANEL	MARKET (VERSION)	INSTALLATION
C B 6 CONTROL BOX 6000	0 PANEL CONTROL	0 1 COMPREHENSIVE	A STAS EXPORT	L LOCAL
	1 HANDSET CONTROL	1 0 NMT	D STAS HOME	R REMOTE
	X RETAINER ONLY		E SLTD	
	Y SERVICE PART		F STOF	
			G STEL	
			N NORWAY	
			S STAB	
			Y FINLAND	

CONTROL BOX CB6xxx

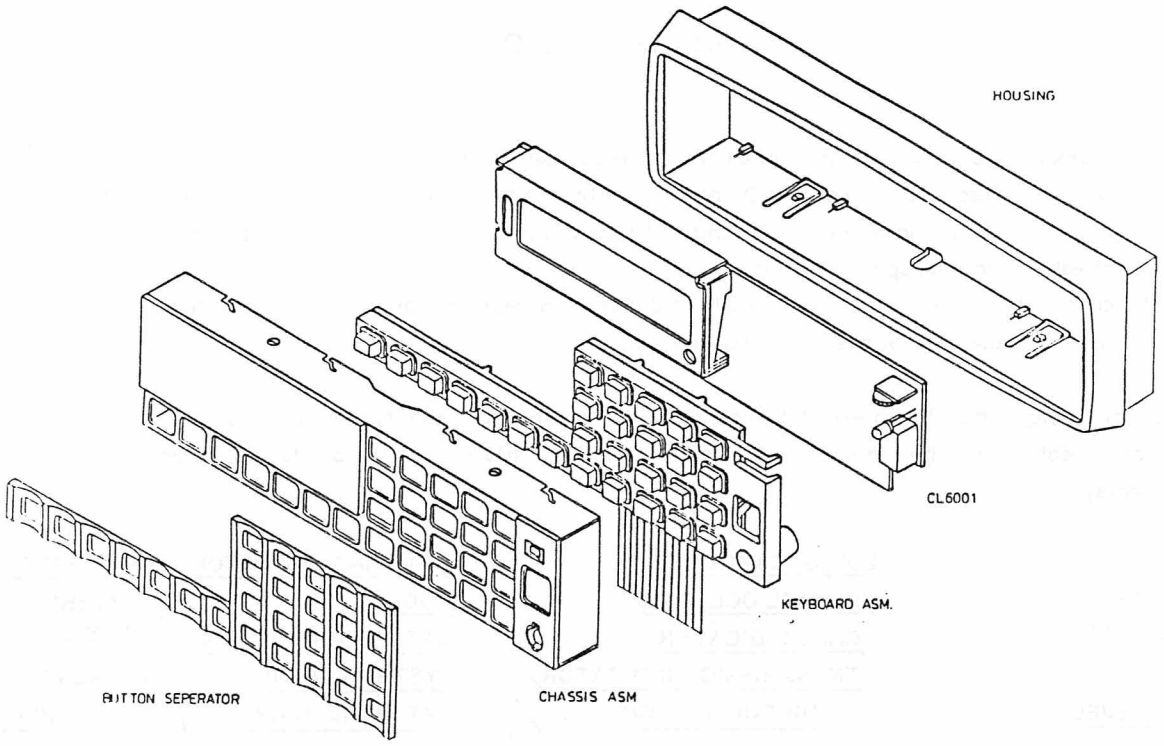
PRESENTATION

The CB6xxx is a general control head with a H-bus serial interface. It has a 16 character alphanumeric Vacuum Flourescent Display, a 24 button keyboard, 13 LED indicators, a code plug socket on the front plate, PTT- and Hook switch inputs and control outputs for local loudspeaker and microphone on/off.
The control box is always delivered with a 3.5 m long cable comprising connector for junction box when remote control has been ordered.

Up to 22 digits may be entered/stored. This will be needed when making a call direct to a local telephone number in another country. However, only the last 16 digits appear on the display.



MECHANICAL DESCRIPTION



The dimensions of the control box for the STORNOPHONE 6000 is meeting the DIN-size specification (DIN 75500). The control box consists of a chassis to keep keyboard and display in position and protected. This module can be used in the plastic frame of the handset or the plastic frames for local/remote control with no modifications.

Keyboard buttons are silk-screened with text symbols and covered by a black cap with clear window. Activating the buttons gives a tactile feeling in the finger.

The display and the keyboard buttons are backlighted by LED's. When the ambient light is below a certain level, keyboard and display are automatically illuminated and currently adjusted to the light intensity.

The three different plastic frames in which the control box can be mounted are: standard frame, orientated frame, handset frame.
Control boxes in standard frames and orientated frames are mounted on the radio unit. They may both be installed in the retainer MN6004 which is for mounting in the autoradio emplacement.
The standard frame may furthermore be mounted in a retainer, MN6005, for instalment outside the autoradio emplacement.
A control box mounted in the handset frame becomes the so-called control handset. This control handset can be mounted on front of the radio cabinet but also permits mounting separated from the radio unit in a place more convenient for the operator.
For ordering of the different control box frames see chapter 1.

Storno

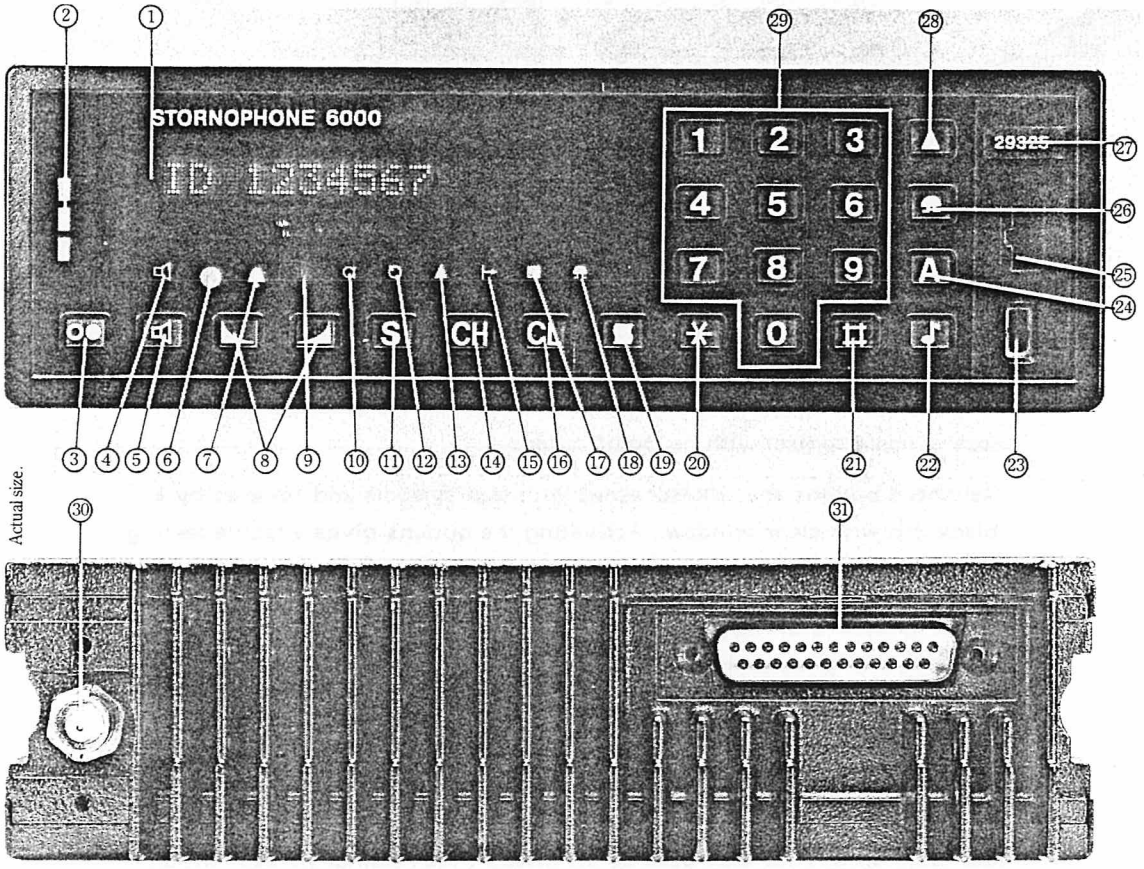
STORNOPHONE 6000

CONTROL BOX

The CB6xxx is a general control head with a H-bus serial interface. It has a 16 character alphanumeric Vacuum Flourescent Display, a 24 button keyboard, 13 LED indicators, a code plug socket on the front plate, PTT- and Hook switch inputs and control outputs for local loudspeaker and microphone on/off.

The control box is always delivered with a 3.5 m long cable comprising connector for junction box when remote control has been ordered.

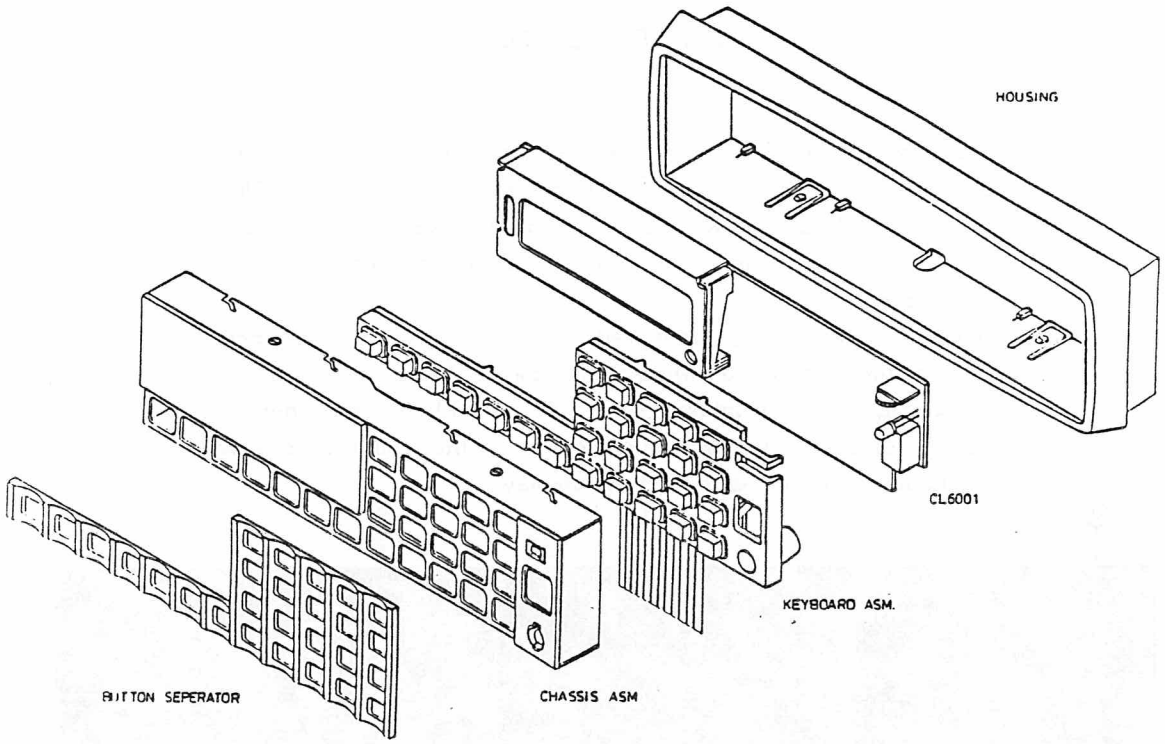
Up to 22 digits may be entered/stored. This will be needed when making a call direct to a local telephone number in another country. However, only the last 16 digits appear on the display.



BUTTONS/INDICATORS

① VFD, 16 digitis, 5x7 dot matrix
② Volume level
③ On/off
④ Loudspeaker open
⑤ Loudspeaker on/off - Squelch cancel
⑥ Channel occupied
⑦ Call indicator
⑧ Volume down/up
⑨ Transmission indicator
⑩ Microphone open
⑪ Status entry
⑫ Scanning indicator
⑬ Mode
⑭ Channel entry
⑮ Data transmission
⑯ Clear last entry
⑰ System defined
⑱ External alarm
⑲ Queue
⑳ Group/all call entry
㉑ System defined
㉒ Call transmitter
㉓ Lock
㉔ Alarm
㉕ Code plug socket
㉖ External alarm on/off
㉗ ID name plate
㉘ Mode selector
㉙ Numerically entry
㉚ Antenna
㉛ Multi connector

MECHANICAL DESCRIPTION



The dimensions of the control box for the STORNOPHONE 6000 is meeting the DIN-size specification (DIN 75500). The control box consists of a chassis to keep keyboard and display in position and protected. This module can be used in the plastic frame of the handset or the plastic frames for local/remote control with no modifications.

Keyboard buttons are silk-screened with text symbols and covered by a black cap with clear window. Activating the buttons gives a tactile feeling in the finger.

The display and the keyboard buttons are backlighted by LED's. When the ambient light is below a certain level, keyboard and display are automatically illuminated and currently adjusted to the light intensity.

The three different plastic frames in which the control box can be mounted are: standard frame, orientated frame, handset frame.
Control boxes in standard frames and orientated frames are mounted on the radio unit. They may both be installed in the retainer MN6004 which is for mounting in the autoradio emplacement.
The standard frame may furthermore be mounted in a retainer, MN6005, for instalment outside the autoradio emplacement.
A control box mounted in the handset frame becomes the so-called control handset. This control handset can be mounted on front of the radio cabinet but also permits mounting separated from the radio unit in a place more convenient for the operator.
For ordering of the different control box frames see chapter 1.

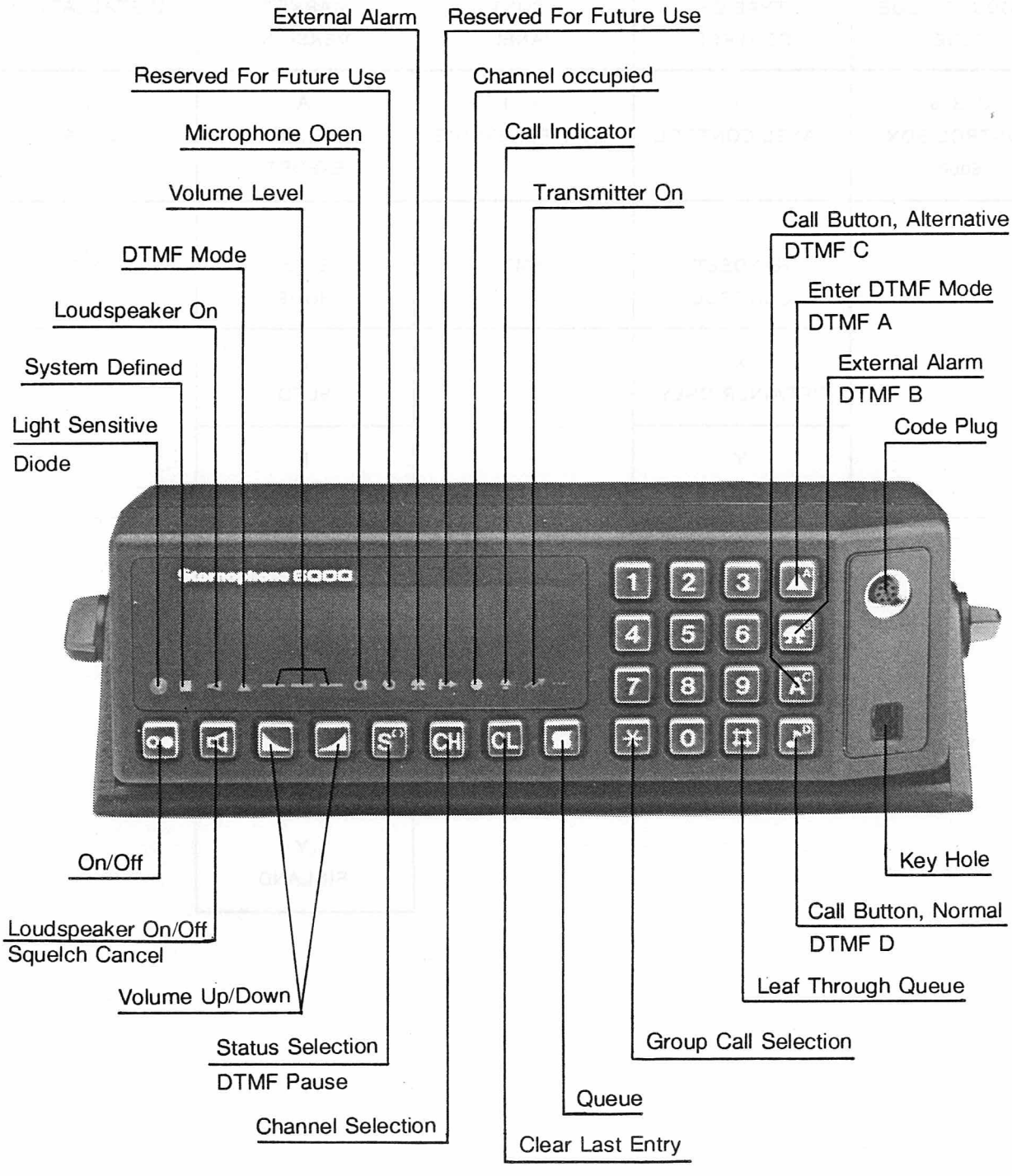
CQM 6xxx
CONTROL BOX NOMENCLATURE

01 - 03	04	05 - 06	07	08
PRODUCT CODE CODE	TYPE OF CONTROL	FRONT PANEL	MARKET (VERSION)	INSTALLATION
C B 6 CONTROL BOX 6000	0 PANEL CONTROL	0 1 COMPREHENSIVE	A STAS EXPORT	L LOCAL
	1 HANDSET CONTROL	1 0 NMT	D STAS HOME	R REMOTE
	X RETAINER ONLY		E SLTD	
	Y SERVICE PART		F STOF	
			G STEL	
			N NORWAY	
			S STAB	
			Y FINLAND	

CONTROL BOX CB6201

PRESENTATION

The CB6201 is a control head with an H-bus serial interface. It has a 16 character alphanumeric Vacuum Flourescent Display, a 24 button keypad, 14 LED indicators, a code plug socket or microphone connector, and a lock on the front plate.
The waterproof control box is always delivered with a 3.5 m long cable comprising connector for junction box when remote control has been ordered.
Up to 22 digits may be entered/stored. This is needed when making a call direct to a local telephone number in another country. However, only the last 16 digits appear on the display.

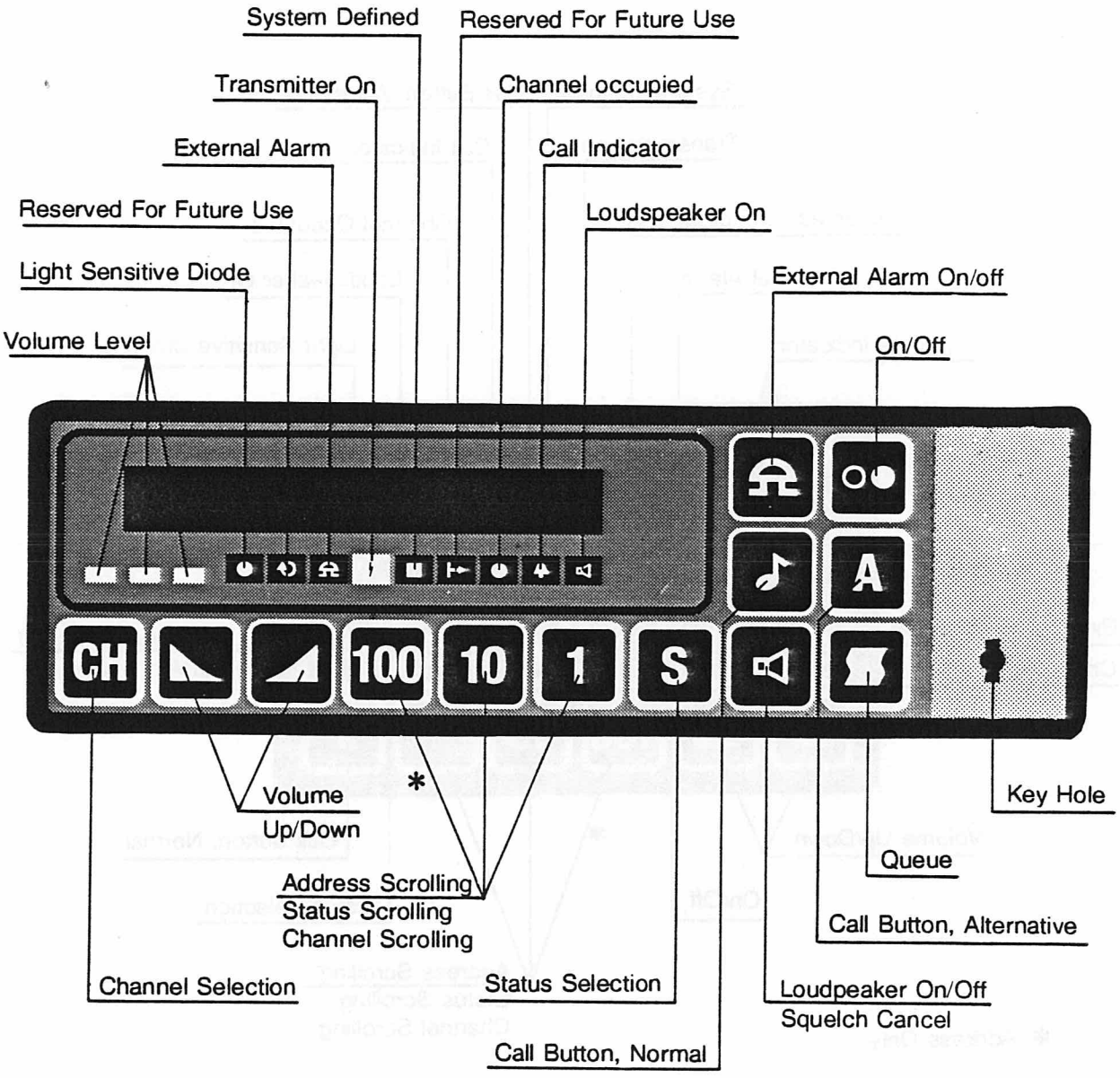


CONTROL BOX CB6202

PRESENTATION

The CB6202 is a control head with a H-bus serial interface. It has a 16 character alphanumeric Vacuum Flourescent Display, a 13 button keypad, 11 LED indicators, a photosensible transistor and a lock on the front.

The control box is primarily aimed at heavy-duty applications offering larger buttons and an easier-to-handle selection of functions than the comprehensive control boxes.

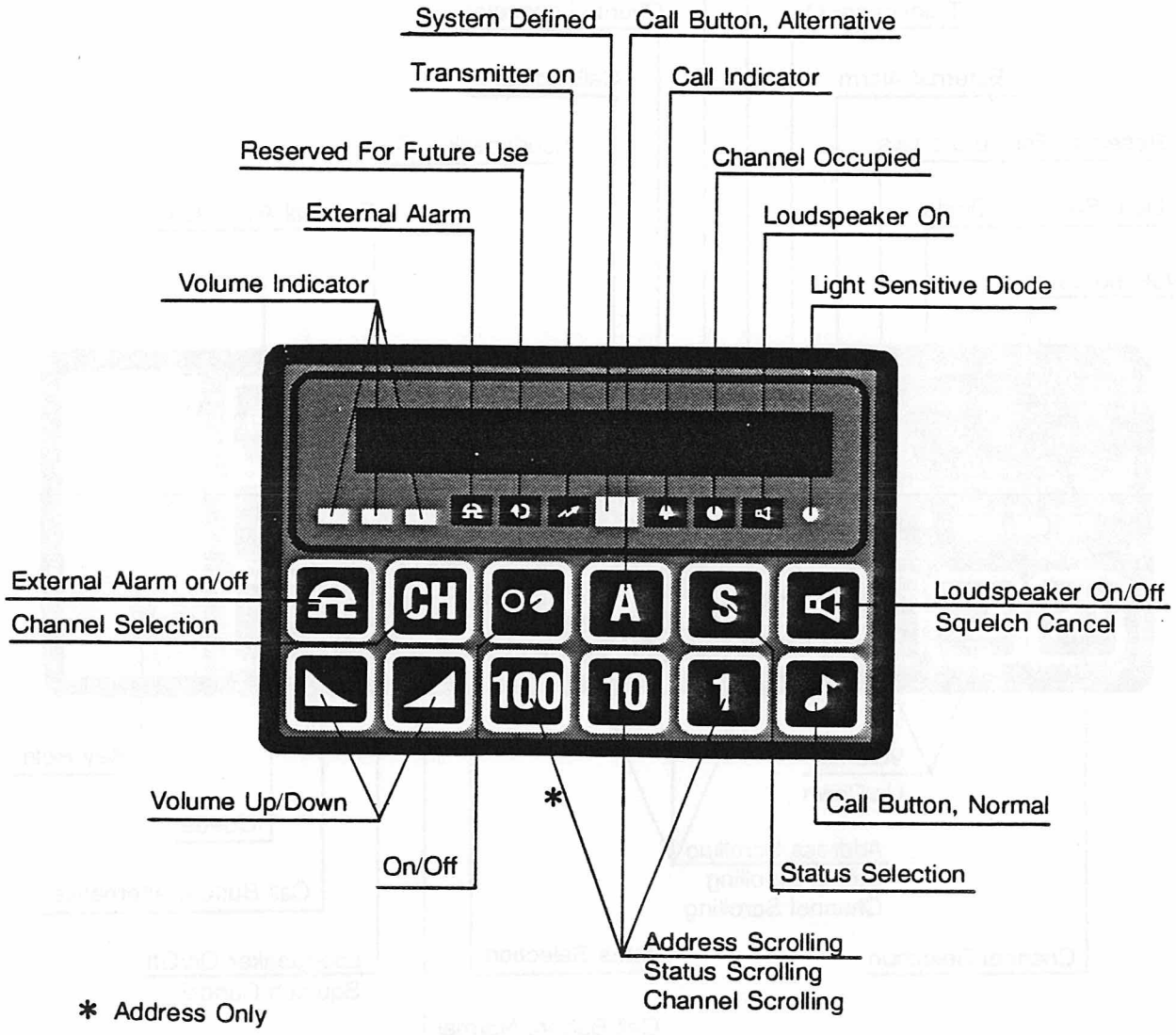


*

CONTROL BOX CB6402

PRESENTATION

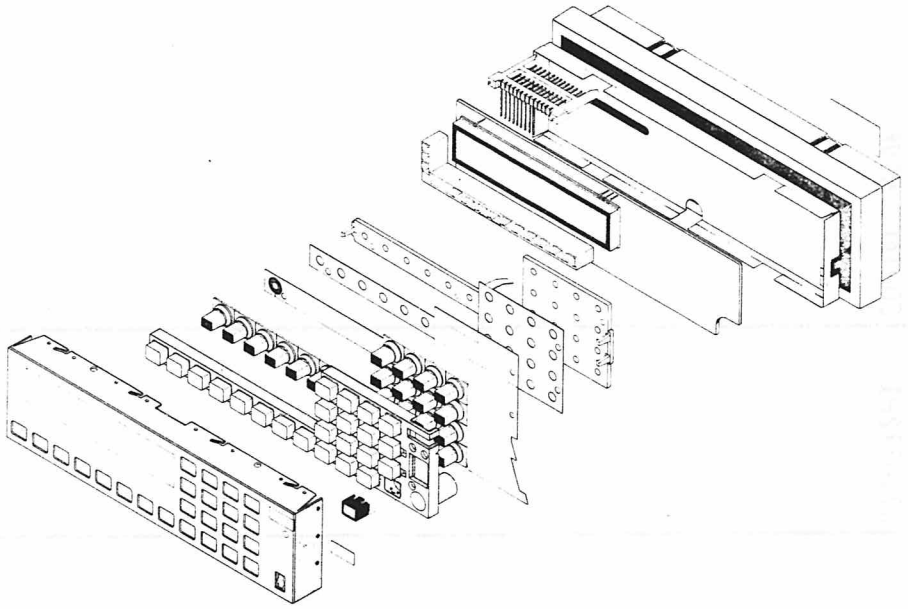
The CB6402 is a watertight control box primarily intended for mounting on a motorcycle. The control box offers larger buttons as well as an easier-to-handle selection of functions than the comprehensive control boxes.
This compact heavy duty control box is only available in a remote version.
It has a 16 character alphanumeric Vacuum Flouresent Display, a 12 button keypad, 10 symbol indicators and a light sensitive diode on the front.



Storno

CONTROL BOX CB6xxx

MECHANICAL DESCRIPTION



The dimensions of the control box for the STORNOPHONE 6000 is meeting the DIN-size specification (DIN 75500). The control box consists of a chassis to keep keyboard and display in position and protected. This module can be used in the plastic frame of the handset or the plastic frames for local/remote control with no modifications.

Keyboard buttons are silk-screened with text symbols and covered by a black cap with clear window. Activating the buttons gives a tactile feeling in the finger.

The display and the keyboard buttons are backlighted by LED's. When the ambient light is below a certain level, keyboard and display are automatically illuminated and currently adjusted to the light intensity.

The three different plastic frames in which the control box can be mounted are: standard frame, orientated frame, handset frame.

Control boxes in standard frames and orientated frames are mounted on the radio unit. They may both be installed in the retainer MN6004 which is for mounting in the autoradio emplacement.
The standard frame may furthermore be mounted in a retainer, MN6005, for instalment outside the autoradio emplacement.

A control box mounted in the handset frame becomes the so-called control handset. This control handset can be mounted on front of the radio cabinet but also permits mounting separated from the radio unit in a place more convenient for the operator. For ordering of the different control box frames see chapter 1.

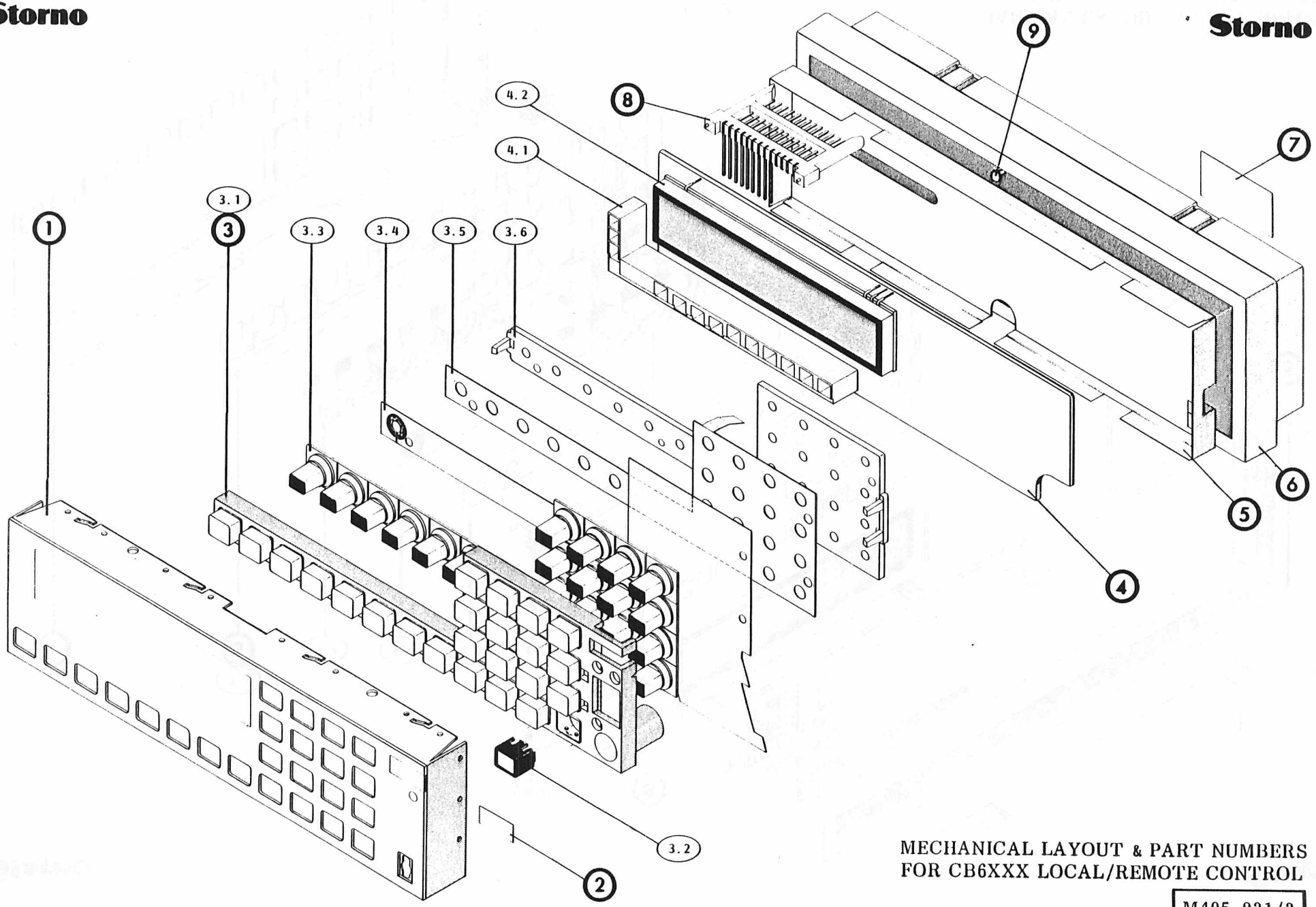
DATE: 3/17/1987

Pos	Code No	Description	Qt
1	L855630G1	CHASSIS ASM. NMT WITHOUT CODE PLUG	1
	L855630G2	CHASSIS ASM. NMT FOR HANDSET	1
	L855630G3	CHASSIS ASM. CQM6000 W/O CODE PLUG	1
	L855630G4	CHASSIS ASM. CQM6000 WITH CODE PLUG	1
	L855630G5	CHASSIS ASM. CQM6000 FOR HANDSET	1
	L855630G6	CHASSIS ASM.FOR SERVICE BOX W.CODE	1
	L855630G7	CHASSIS ASM. RADIOCOM 2000 W/O CODE	1
	L855630G8	CHASSIS ASM. ØBL-C AUSTRIA W/O CODE	1
	L855630G9	CHASSIS ASM. ØBL-C AUSTRIA F.HANDSET	1
	L855630G10	NOT YET RELEASED	
	L855630G11	NOT YET RELEASED	
	L855630G12	NOT YET RELEASED	
2	J709045P1	LABEL BLANK	1
3	L855628G1	KEYBOARD ASM. DENMARK/NORWAY	1
	L855628G2	KEYBOARD ASM. SWEDEN/FINLAND	1
	L855628G3	KEYBOARD ASM. CQM6000 STANDARD	1
	L855628G4	KEYBOARD ASM. RADIOCOM 2000	1
	L855628G5	KEYBOARD ASM. ØBL-C AUSTRIA	1
3.1	M905789P1	FRAME	1
3.2	L855562P1	CAP FOR BUTTON	24
3.3	K805539G1	MEMBRANE RUBBER DENMARK/NORWAY	1
	K805539G2	MEMBRANE RUBBER SWEDEN/FINLAND	1
	K805539G3	MEMBRANE RUBBER CQM6000 STANDARD	1
	K805539G4	MEMBRANE RUBBER RADIOCOM 2000	1
3.4	K805526G1	FOILE, CONTACT	1
3.5	K805752G1	SHIELD KEYBOARD	1
3.6	M905792P1	PLATE LED LIGHT	1
4	M905980G1	CL6003 FOR PANEL CONTROL W/O CODE	1
	M905980G2	CL6003 FOR HANDSET	1
	M905980G3	CL6003 FOR PANEL CONTROL W.CODE PLUG	1
4.1	M906060P1	LIGHT SEPARATOR RUBBER	1
4.2	J708896P1	DISPLAY, FLOURESC. 16-SD-01Z	1

Pos	Code No	Description	Qt
5	J709215G1	SHIELD ASSEMBLY	1
6	M905787G1	HOUSING ASSEMBLY	1
7	J709042P1	TYPE LABEL CBXXX	1
8	L855664G2	WAFER ASM. 09 CKT FOR LOCAL CONTROL	1
9	J710272P1	CONTACT RIVET	1

Storno

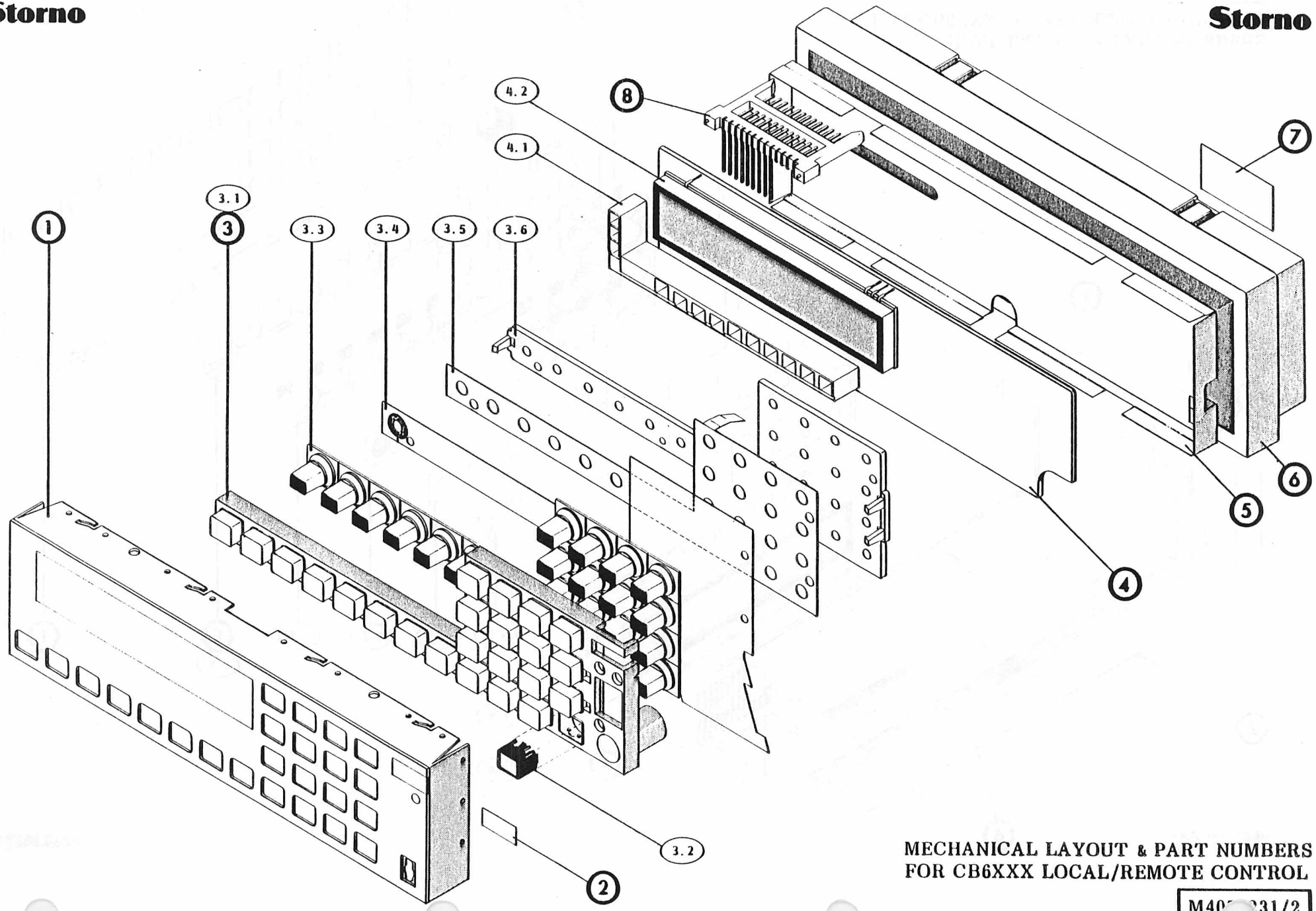
Storno



MECHANICAL LAYOUT & PART NUMBERS
FOR CB6XXX LOCAL/REMOTE CONTROL

M405. 231/3

Storno



MECHANICAL LAYOUT & PART NUMBERS
FOR CB6XXX LOCAL/REMOTE CONTROL

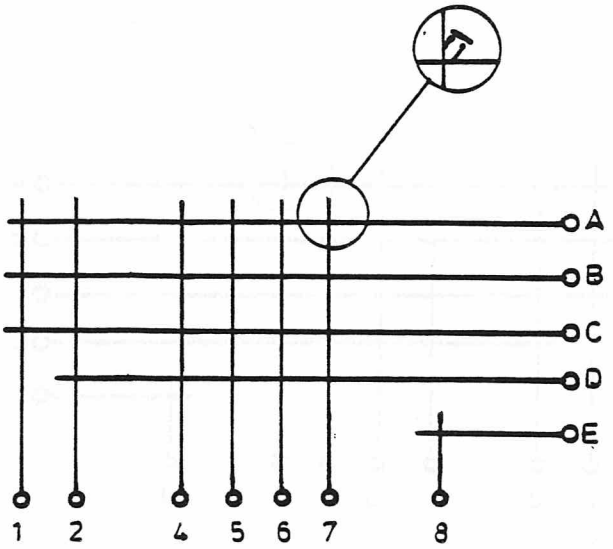
M40[illegible]31/2

MECHANICAL PARTS LIST FOR CB6XXX FOR LOCAL, REMOTE & HANDSET

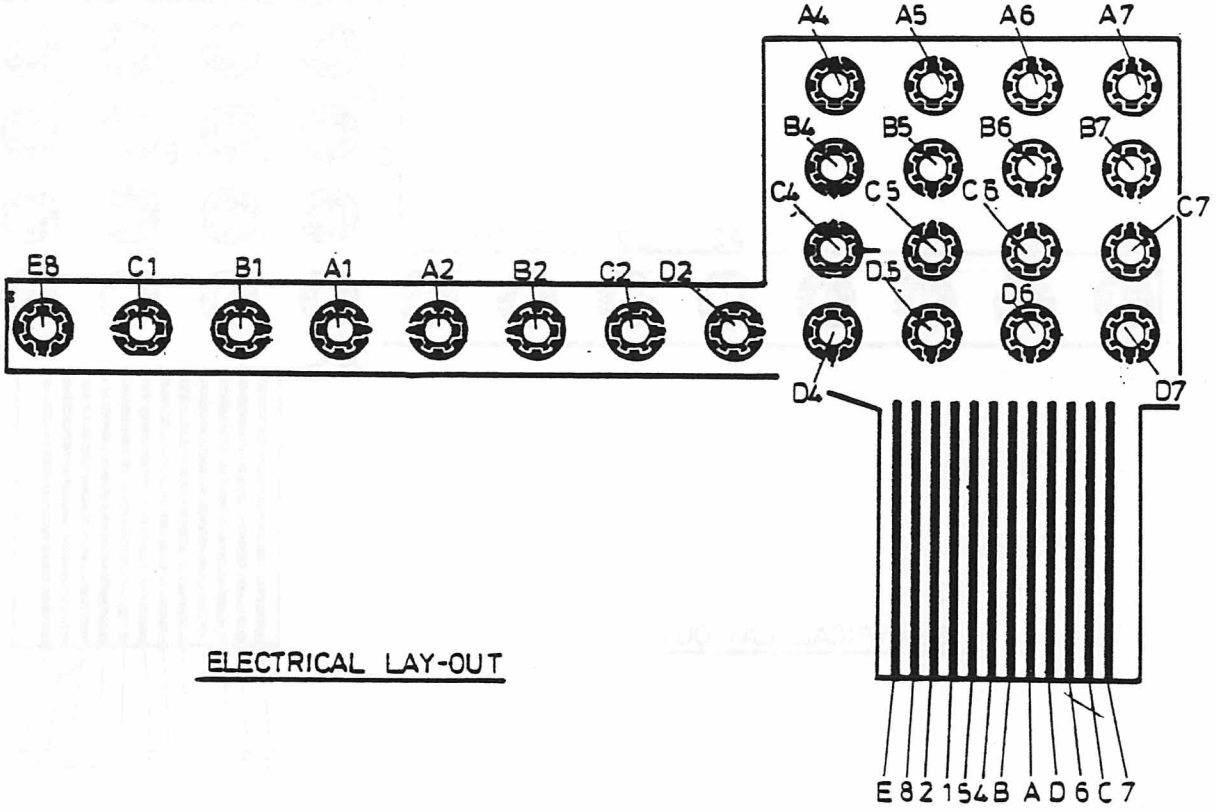
Pos	Code No.	Description	Qt
1	L855630G1	CHASSIS ASM.NMT PANEL CONTR.	1
	L855630G2	CHASSIS ASM.NMT HANDSET CONTR.	1
		L855630G3 TO G5 W.OPUS SOFTWARE	
	L855630G3	CHASSIS ASM.CQM6000 W/O CODE PLUG	1
	L855630G4	CHASSIS ASM.CQM6000 W.CODE PLUG	1
	L855630G5	CHASSIS ASM.CQM6000 FOR HANDSET	1
	L855630G6	CHASSIS ASM.FOR SERV.BOX W.CODE	1
	L855630G7	CHASSIS ASM.RADIOCOM 2000 F.PANEL	1
	L855630G8	CHASSIS ASM.ØBL-C AUSTRIA F.HANDSET	1
	L855630G9	CHASSIS ASM.ØBL-C AUSTRIA F.PANEL	1
	L855630G10	CHASSIS ASM.RADIOCOM 2000 F.HANDSET	1
		L855630G17 TO G19 W.EF SOFTWARE	
	L855630G17	CHASSIS ASM.CQM6000 W/O CODE PLUG	1
	L855630G18	CHASSIS ASM.CQM6000 W.CODE PLUG	1
	L855630G19	CHASSIS ASM.CQM6000 FOR HANDSET	1
2	J709045P1	LABEL BLANK	1
3	L855628G1	KEYBOARD ASM.DENMARK/NORWAY	1
	L855628G2	KEYBOARD ASM.SWEDEN/FINLAND	1
	L855628G3	KEYBOARD ASM.CQM6000 STANDARD	1
	L855628G4	KEYBOARD ASM.RADIOCOM 2000	1
	L855628G5	KEYBOARD ASM.ØBL-C AUSTRIA	1
3.1	M905789P1	FRAME	1
3.2	L855562P1	CAP FOR BUTTON	24
3.3	7502015U07	KEY-PAD RUB. DENMARK/NORWAY	1
	7502015U08	KEY-PAD RUB. SWEDEN/FINLAND	1
	7502015U09	KEY-PAD RUB. CQM6000 STANDARD	1
	7502015U10	KEY-PAD RUB. RADIOCOM 2000	1
3.4	K805526G1	FOILE, CONTACT	1
3.5	K805752P1R1	SHIELD KEYBOARD	1
3.6	M905792P1	PLATE LED LIGHT	1
4	M905980G1	CL6003 FOR PANEL CONTROL W/O CODE PLUG	1
	M905980G2	CL6003 FOR HANDSET	1
	M905980G3	CL6003 FOR PANEL CONTROL W. CODE PLUG	1
4.1	M906060P1	LIGHT SEPARATOR RUBBER	1
4.2	J708896P1	DISPLAY, FLOURESC. 16-SD-01Z	1
5	J709215G1	SHIELD ASSEMBLY	1
6	M905787G1	HOUSING ASSEMBLY	1
7	J709042P1	TYPE LABEL CBXXX	1
8	L855664G2	WAFER ASM. 09 CKT F.LOCAL CONTR.	1
9	J710272P1	CONTACT RIVET	1

Pos	Code No.	Description	Qt

Storno



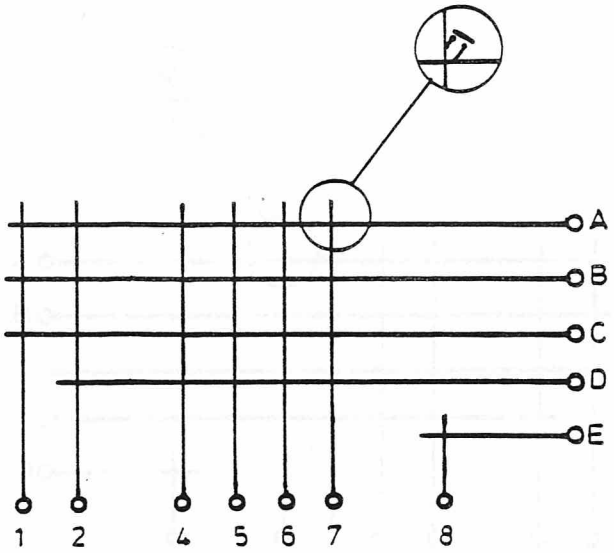
DIAGRAM



ELECTRICAL LAY-OUT

KEYBOARD MATRIX FOR CB6XXX

CODE NO. K805526G1 D404.174/2



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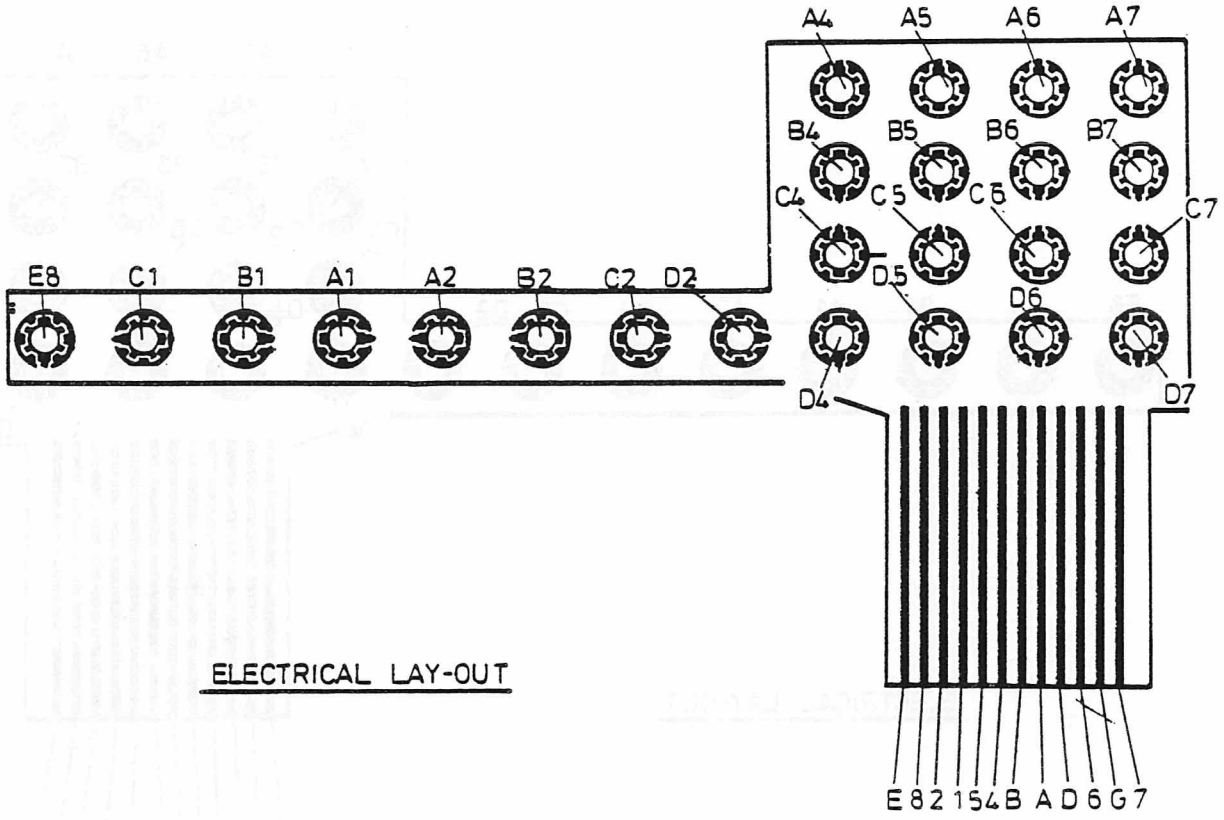
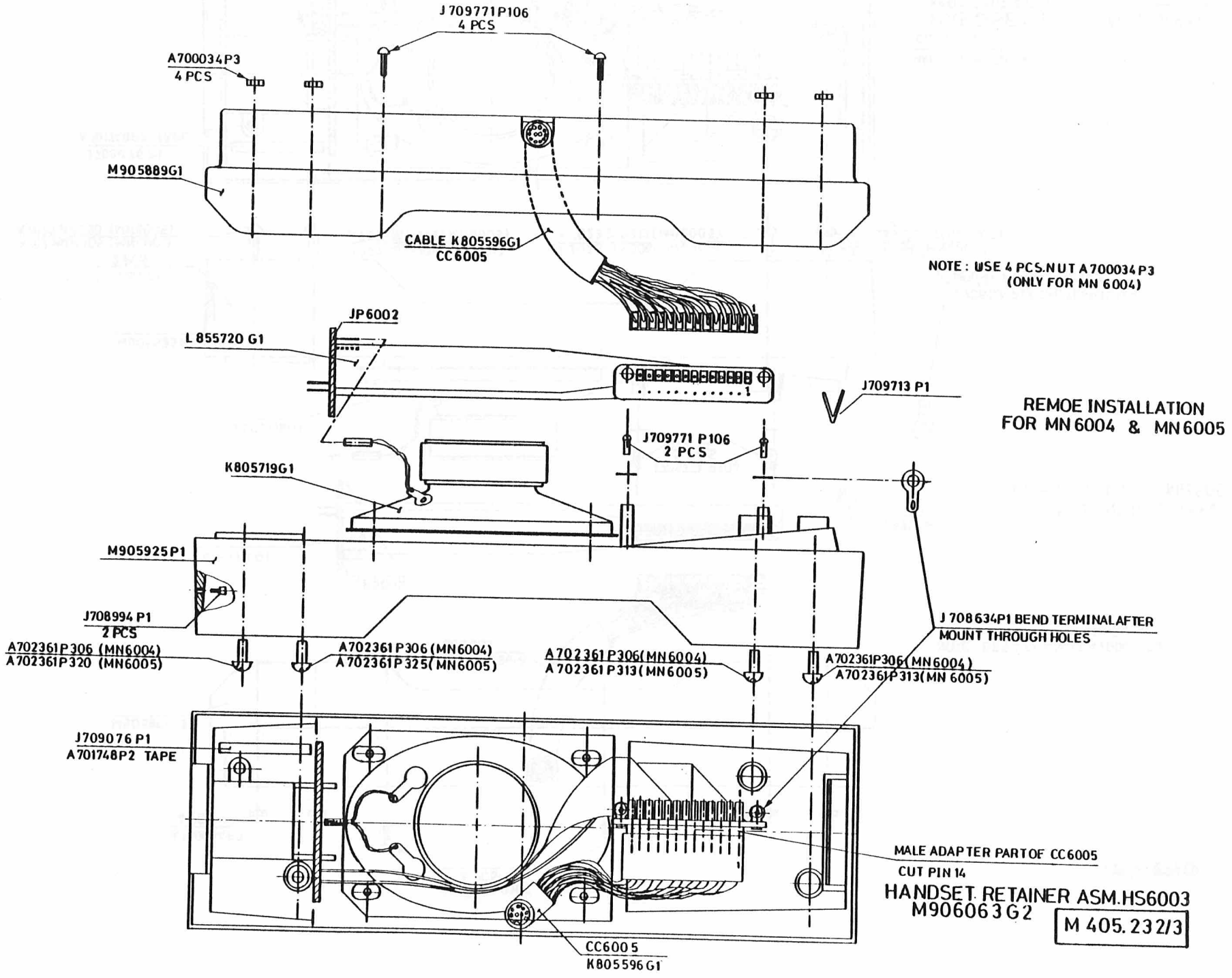


ELECTRICAL LAY-OUT

KEYBOARD MATRIX FOR CB6XX

CODE NO. K805526G1 D404.174

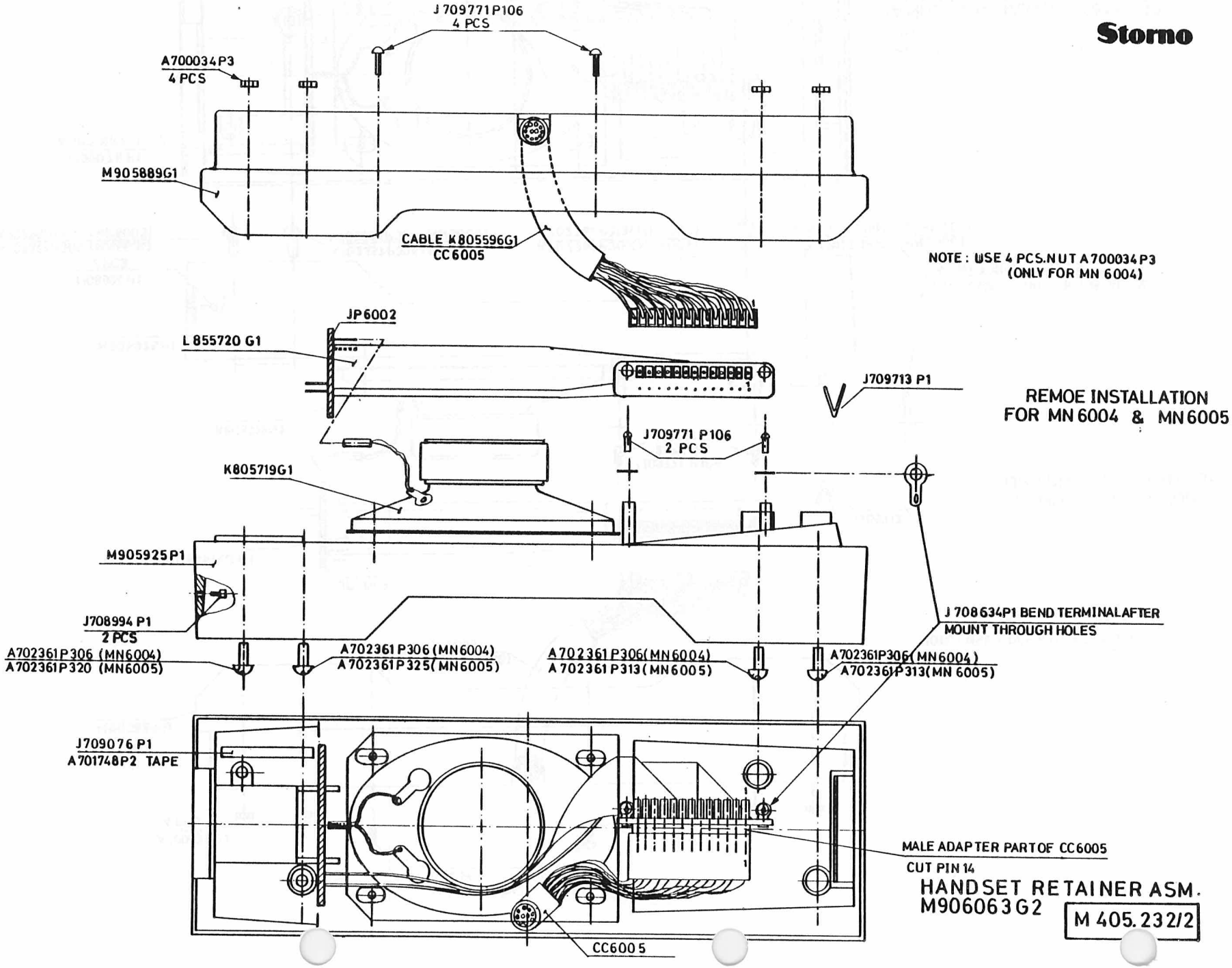


HANDSET RETAINER ASM.HS6003
M906063G2

M 405.232/3

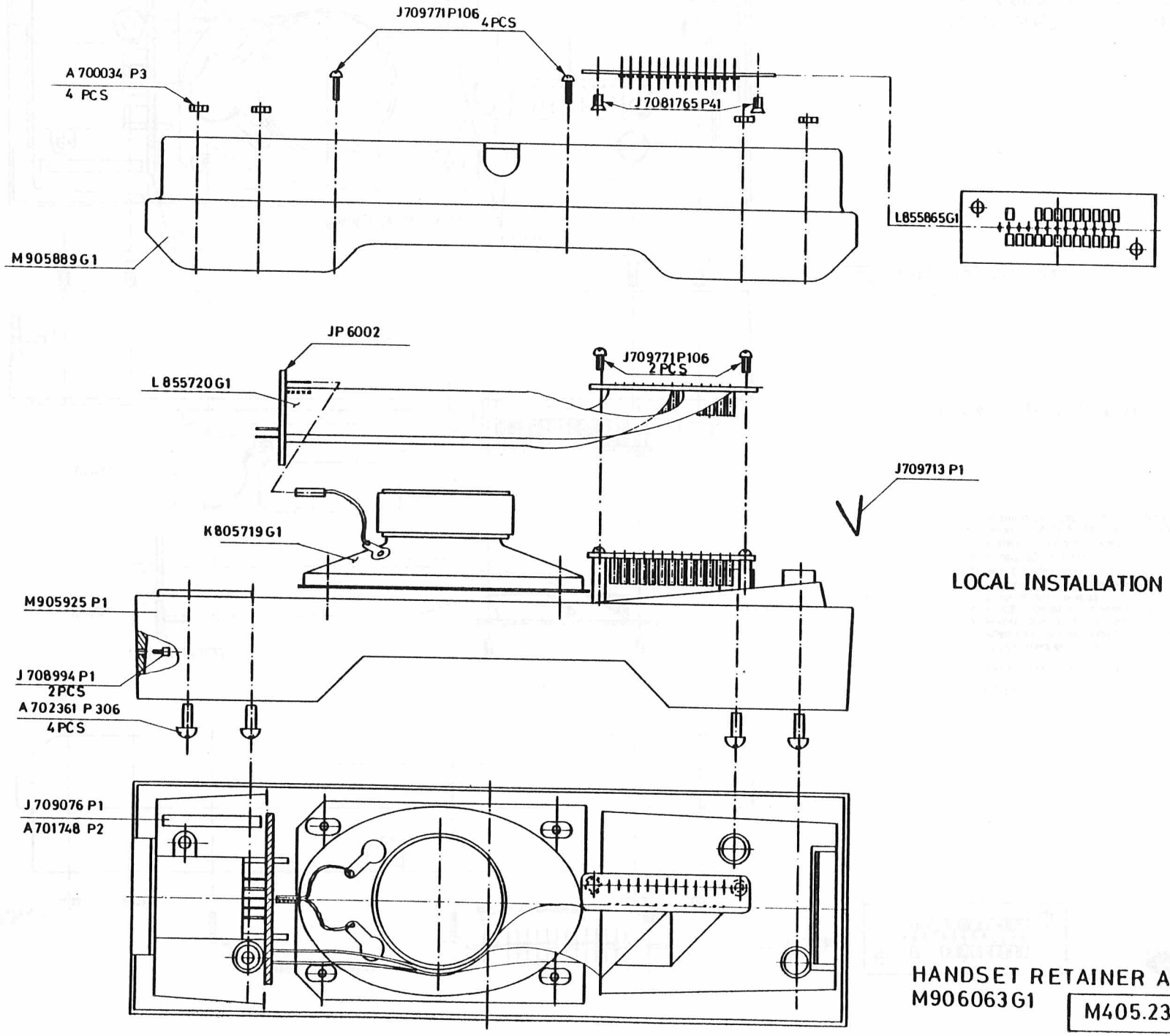
Storno

Storno



HANDSET RETAINER ASM.
M906063G2

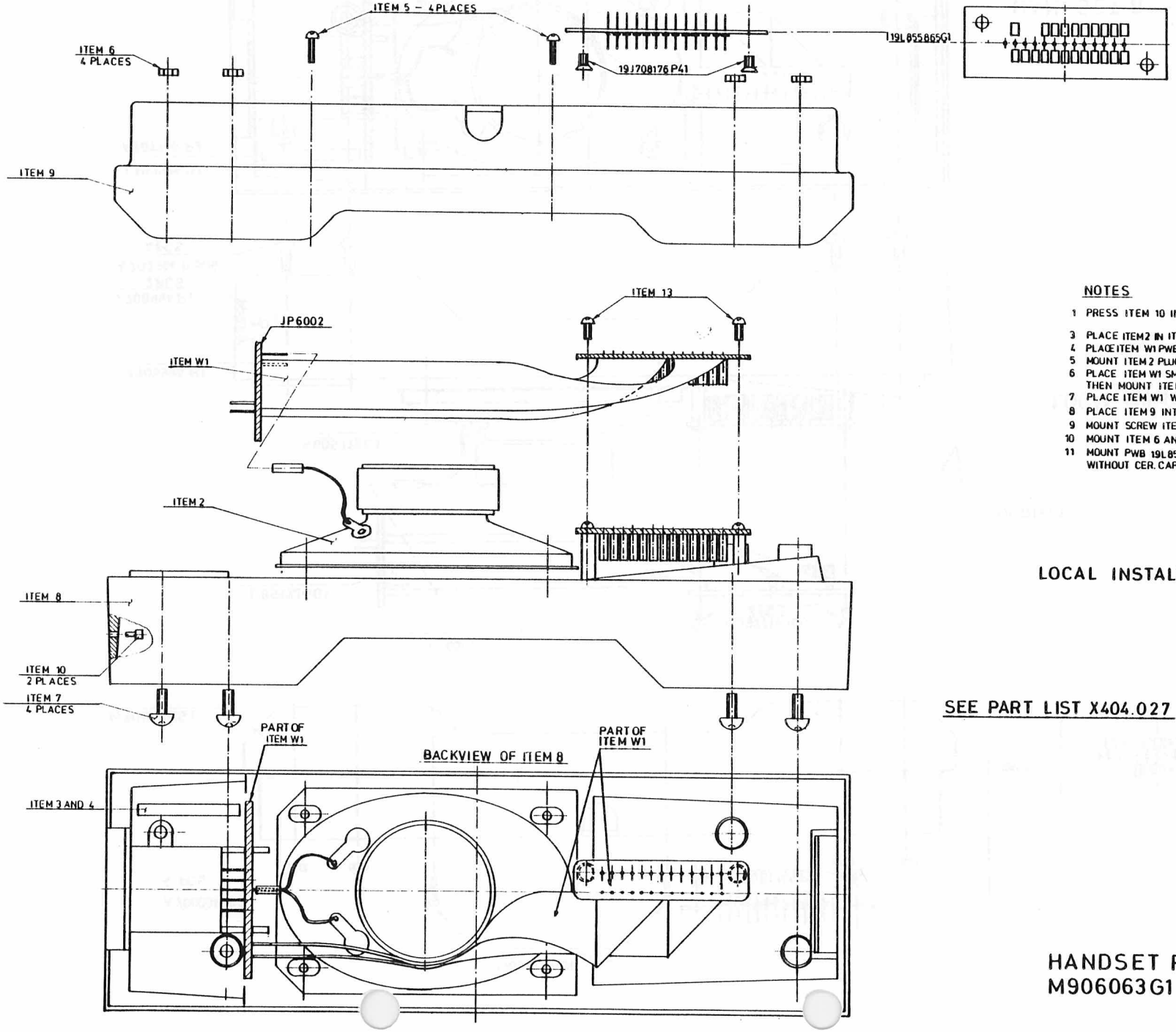
M 405.232/2



HANDSET RETAINER ASM.
M906063G1

M405.233/2

Storno



NOTES

1 PRESS ITEM 10 INTO ITEM 8

3 PLACE ITEM 2 IN ITEM 8
4 PLACE ITEM W1 PWB IN GROOVE IN ITEM 8.
5 MOUNT ITEM 2 PLUGS ON PWB PINS.
6 PLACE ITEM W1 SMALL PWB ON THE SPACERS AS SHOWN THEN MOUNT ITEM 13
7 PLACE ITEM W1 WIRING AROUND LS AS SHOWN
8 PLACE ITEM 9 INTO ITEM 8.
9 MOUNT SCREW ITEM 5.
10 MOUNT ITEM 6 AND ITEM 7.
11 MOUNT PWB 19L855865 ON RADIO TURNING HOLE/PIN WITHOUT CER. CAP. AGAINST CENTER OF RADIO.

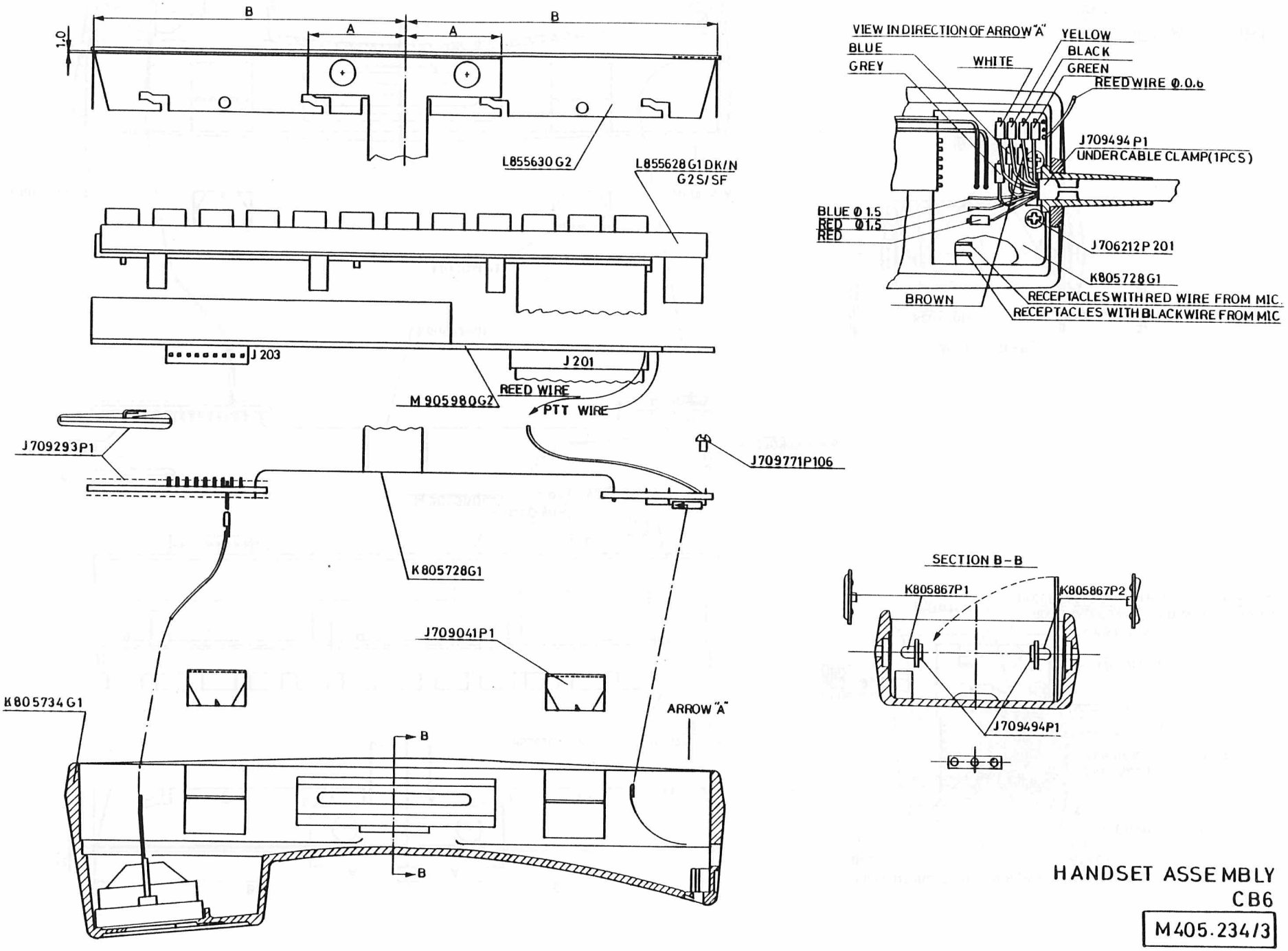
LOCAL INSTALLATION

SEE PART LIST X404.027

HANDSET RETAINER ASM.
M906063G1

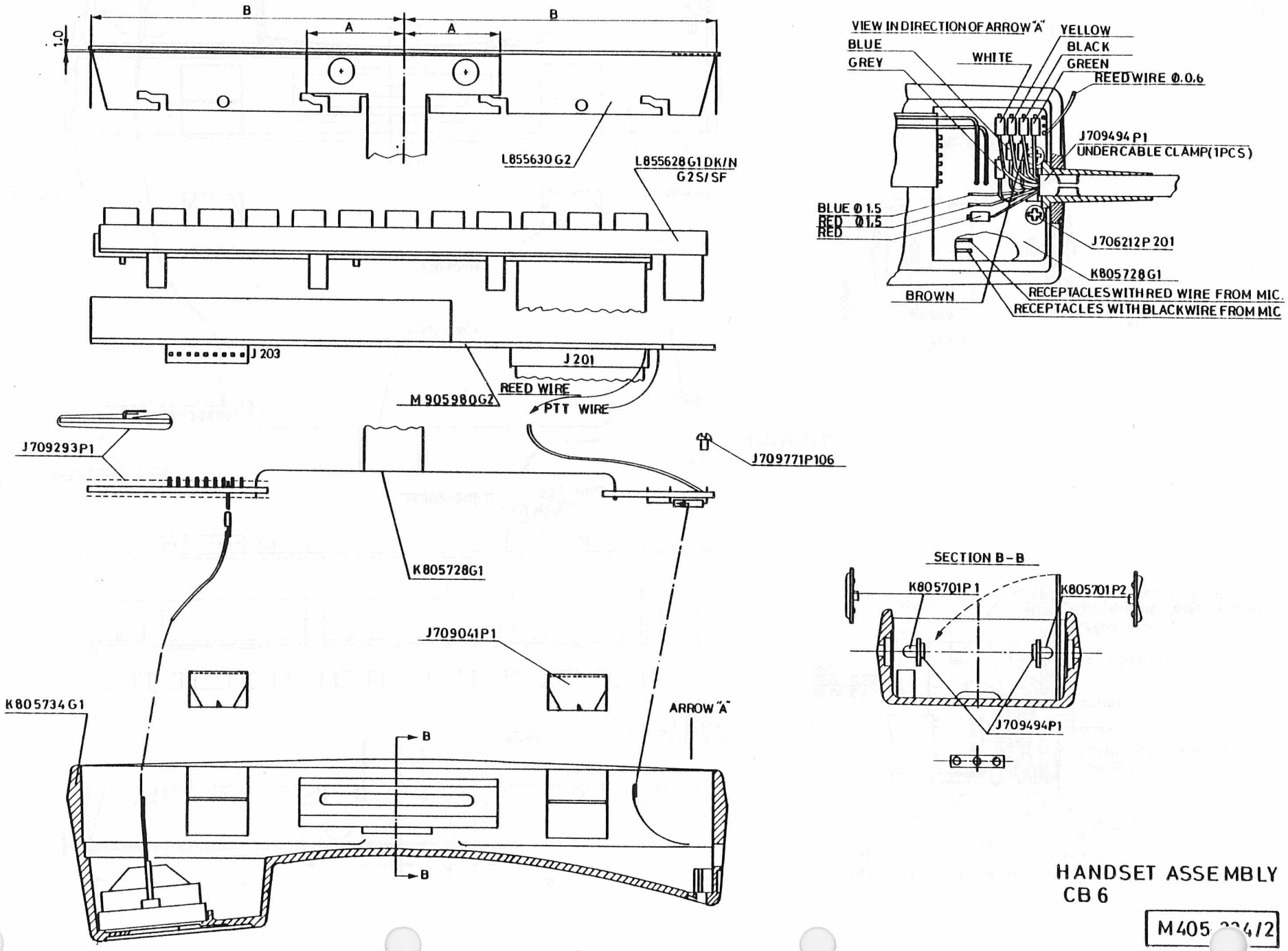
M[illegible]5.233

Storno



HANDSET ASSEMBLY
CB6

M405.234/3



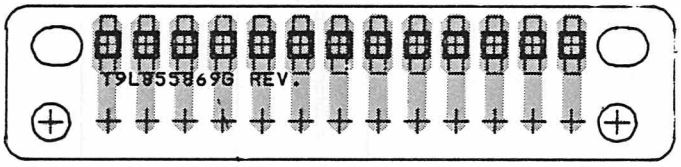
HANDSET ASSEMBLY
CB 6

M405 224/2

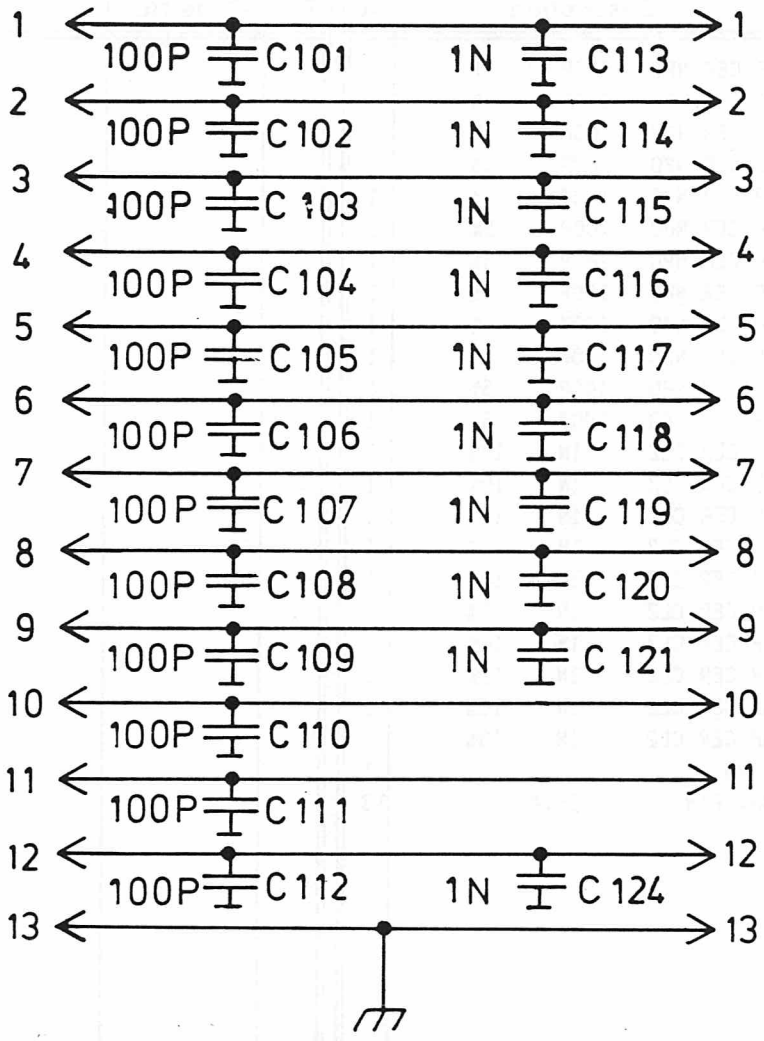
PARTS LIST FOR JUNCTION PANEL JP6002 : L855811G1

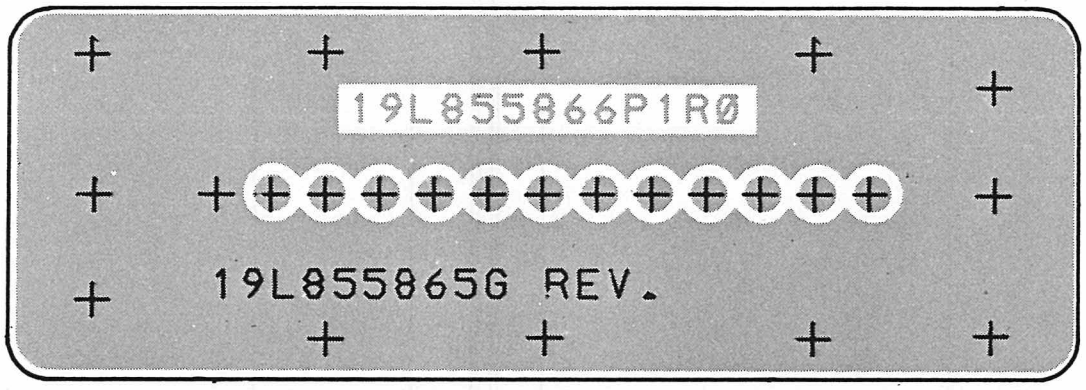
Pos	Code No.	Description	Qt
J101	J708925P1	CONN PT PIN L-9.70MM	2
J102	J708925P5	CONN PT PIN L11.70MM 1	10
R101	J707385P220	RES MFLM 1/8W 22R 5%	1
R102	J707385P220	RES MFLM 1/8W 22R 5%	1
R103	J707385P220	RES MFLM 1/8W 22R 5%	1
R104	J707385P220	RES MFLM 1/8W 22R 5%	1
R105	J707385P220	RES MFLM 1/8W 22R 5%	1
R106	J707385P220	RES MFLM 1/8W 22R 5%	1
R107	J707385P900	RES MFLM 1/8W OR JUMPER	1
R108	J709456P1	RES MFLM 1/1W 8R2 5%	1
R109	J709456P1	RES MFLM 1/1W 8R2 5%	1
	L855812P1R1	BD PW	1

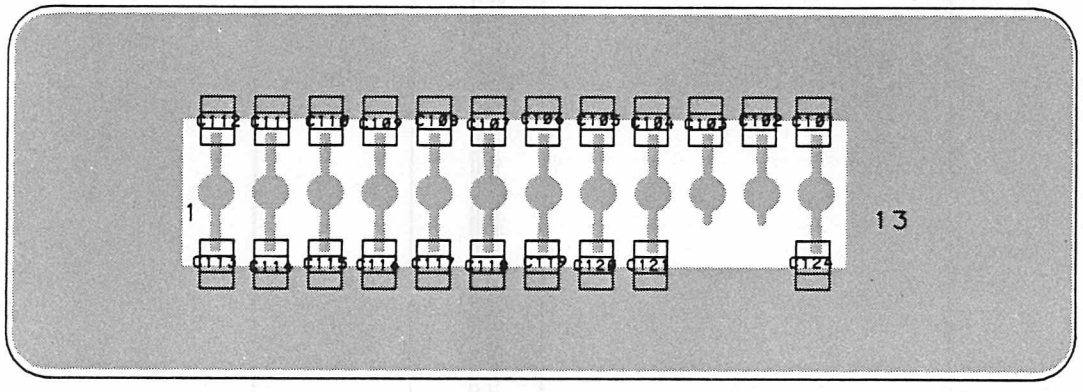
Pos	Code No.	Description	Qt



13 PIN CONNECTOR
FOR CONTROL HANDSET CB61XXX
CODE NO. L855870P1 D404.173







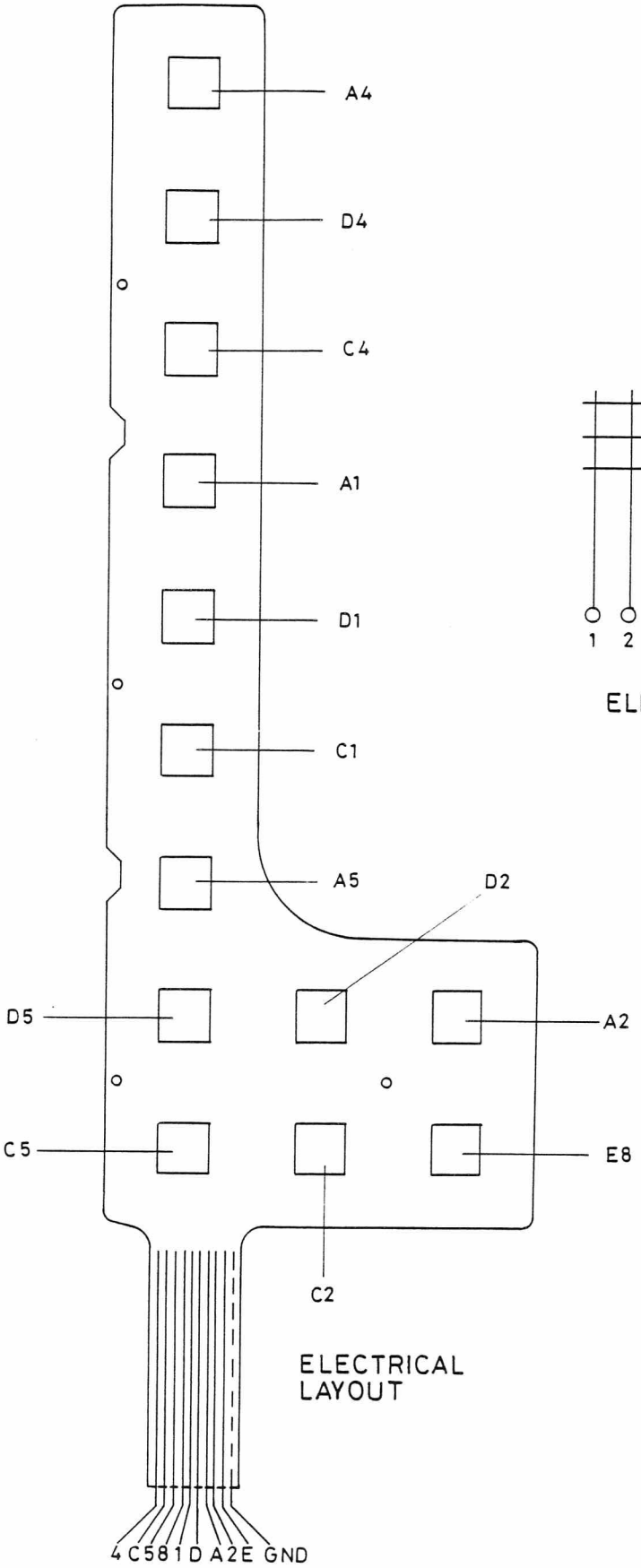
CONNECTOR ASSEMBLY FOR CONTROL HANDSET

CODE NO. L855865G1 D404.151

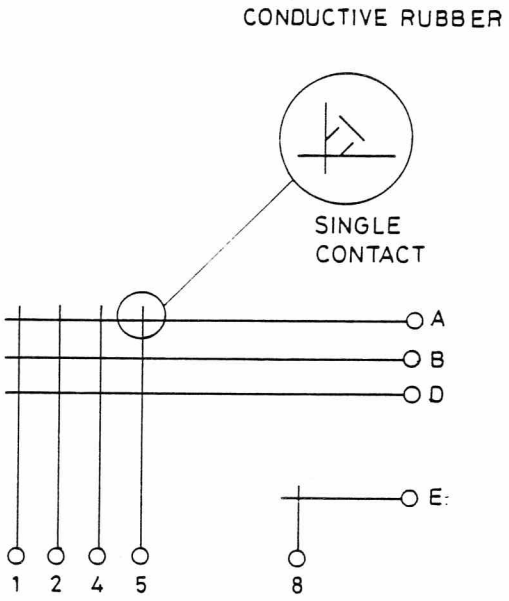
PARTS LIST FOR CONNECTOR ASM.FOR CONTROL HANDSET : L855865G1

Pos	Code No.	Description	Qt
C101	J707436P61	CAP CER NPO 100P 5%	1
C102	J707436P61	CAP CER NPO 100P 5%	1
C103	J707436P61	CAP CER NPO 100P 5%	1
C104	J707436P61	CAP CER NPO 100P 5%	1
C105	J707436P61	CAP CER NPO 100P 5%	1
C106	J707436P61	CAP CER NPO 100P 5%	1
C107	J707436P61	CAP CER NPO 100P 5%	1
C108	J707436P61	CAP CER NPO 100P 5%	1
C109	J707436P61	CAP CER NPO 100P 5%	1
C110	J707436P61	CAP CER NPO 100P 5%	1
C111	J707436P61	CAP CER NPO 100P 5%	1
C112	J707436P61	CAP CER NPO 100P 5%	1
C113	J707438P5	CAP CER CL2 1N 10%	1
C114	J707438P5	CAP CER CL2 1N 10%	1
C115	J707438P5	CAP CER CL2 1N 10%	1
C116	J707438P5	CAP CER CL2 1N 10%	1
C117	J707438P5	CAP CER CL2 1N 10%	1
C118	J707438P5	CAP CER CL2 1N 10%	1
C119	J707438P5	CAP CER CL2 1N 10%	1
C120	J707438P5	CAP CER CL2 1N 10%	1
C121	J707438P5	CAP CER CL2 1N 10%	1
C124	J707438P5	CAP CER CL2 1N 10%	1
	L855866P1R0	BD PW	1
	J708765P2	CONT PIN L 25.4	13

Pos	Code No.	Description	Qt



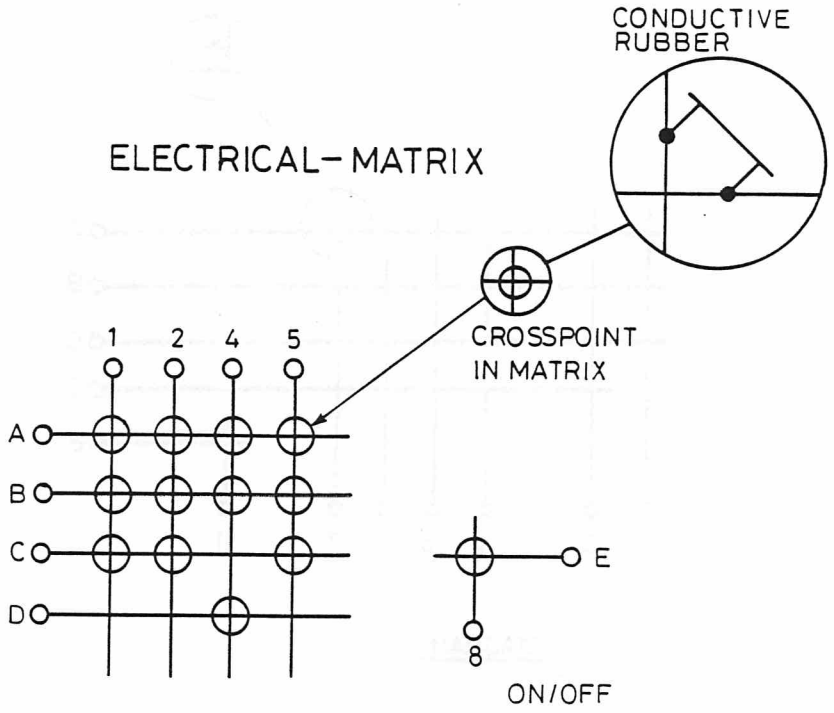
ELECTRICAL LAYOUT

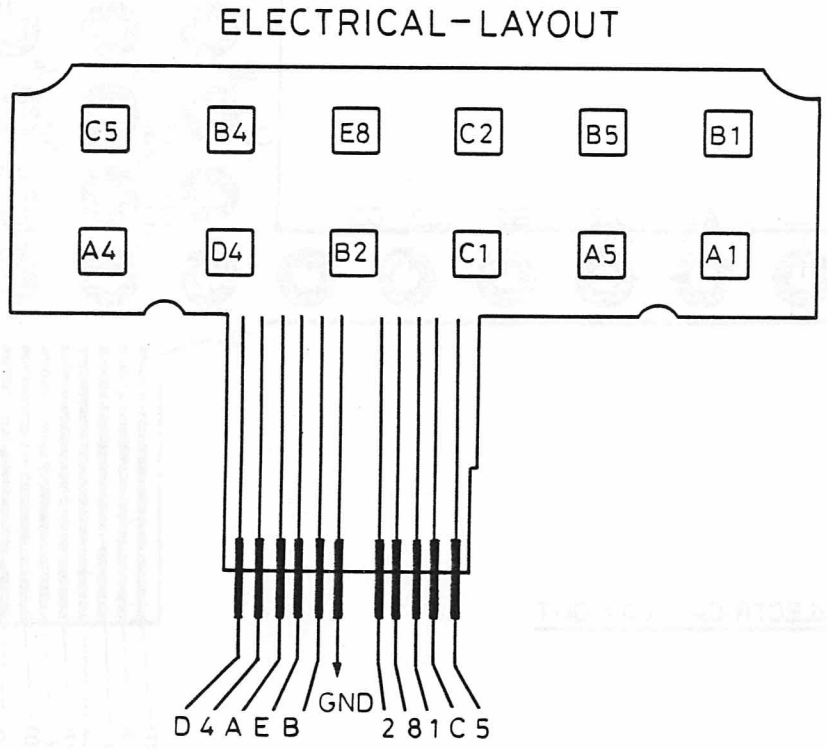


ELECTRICAL MATRIX

KEYBOARD MATRIX FOR CB6202

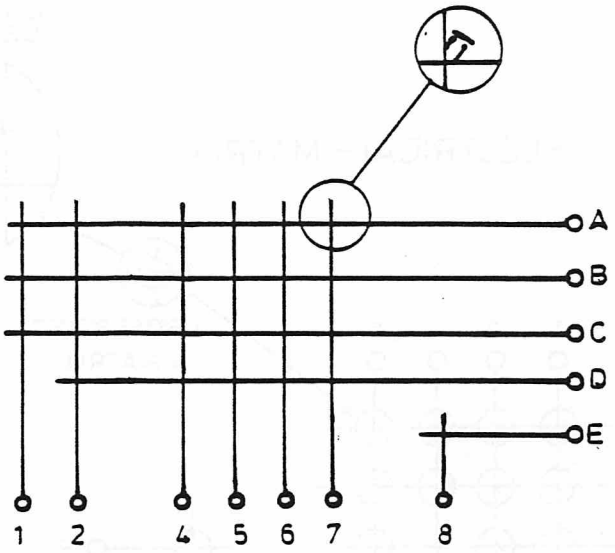
CODE NO.K805885G1 | **D405.378**



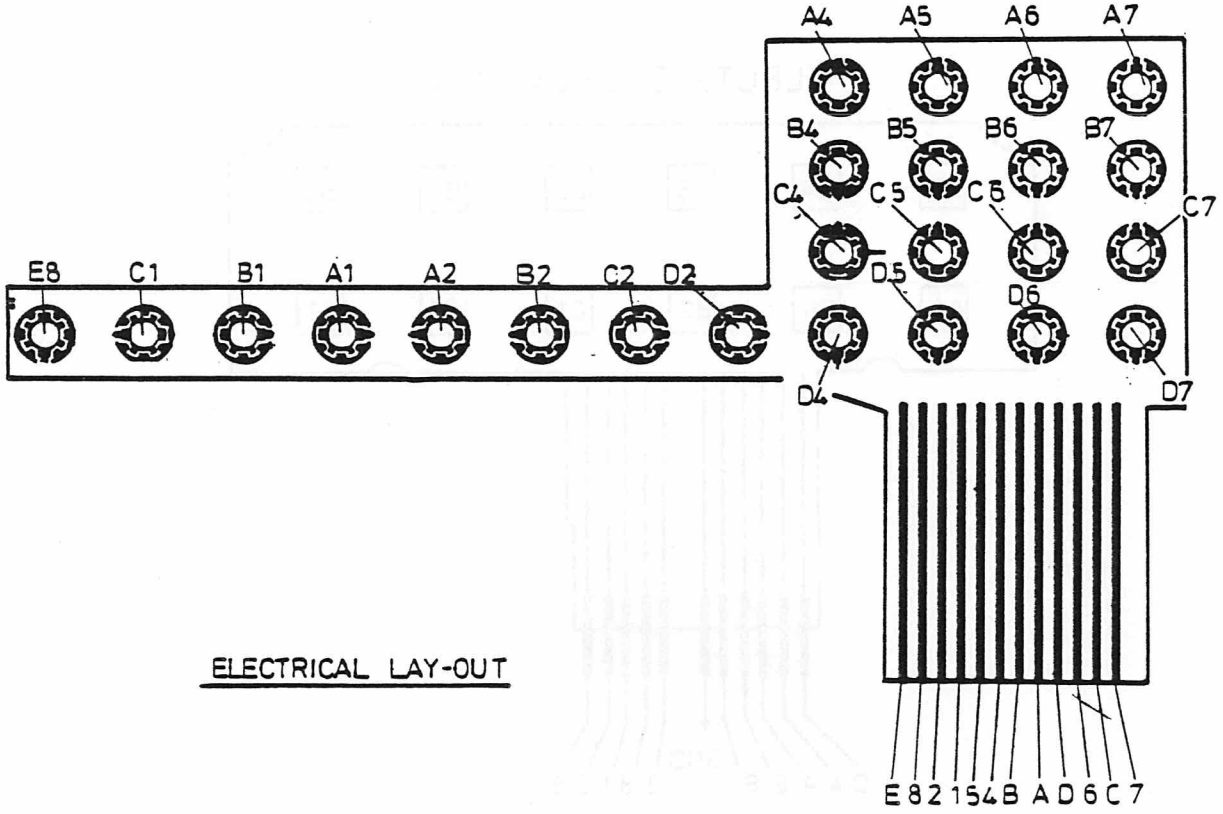


KEYBOARD MATRIX FOR CB6402

CODE NO. L856046G1 | **D405.379**



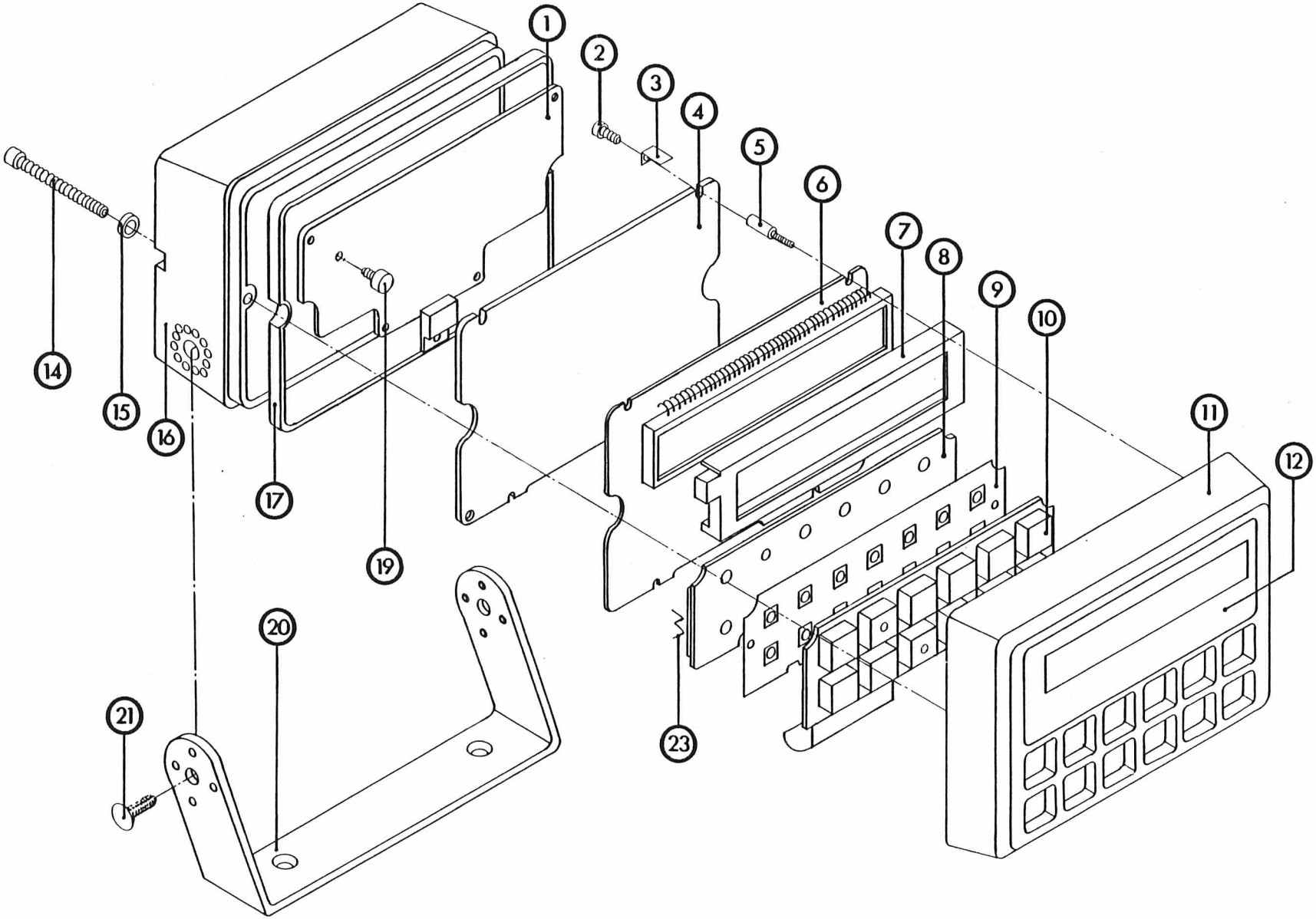
DIAGRAM



ELECTRICAL LAY-OUT

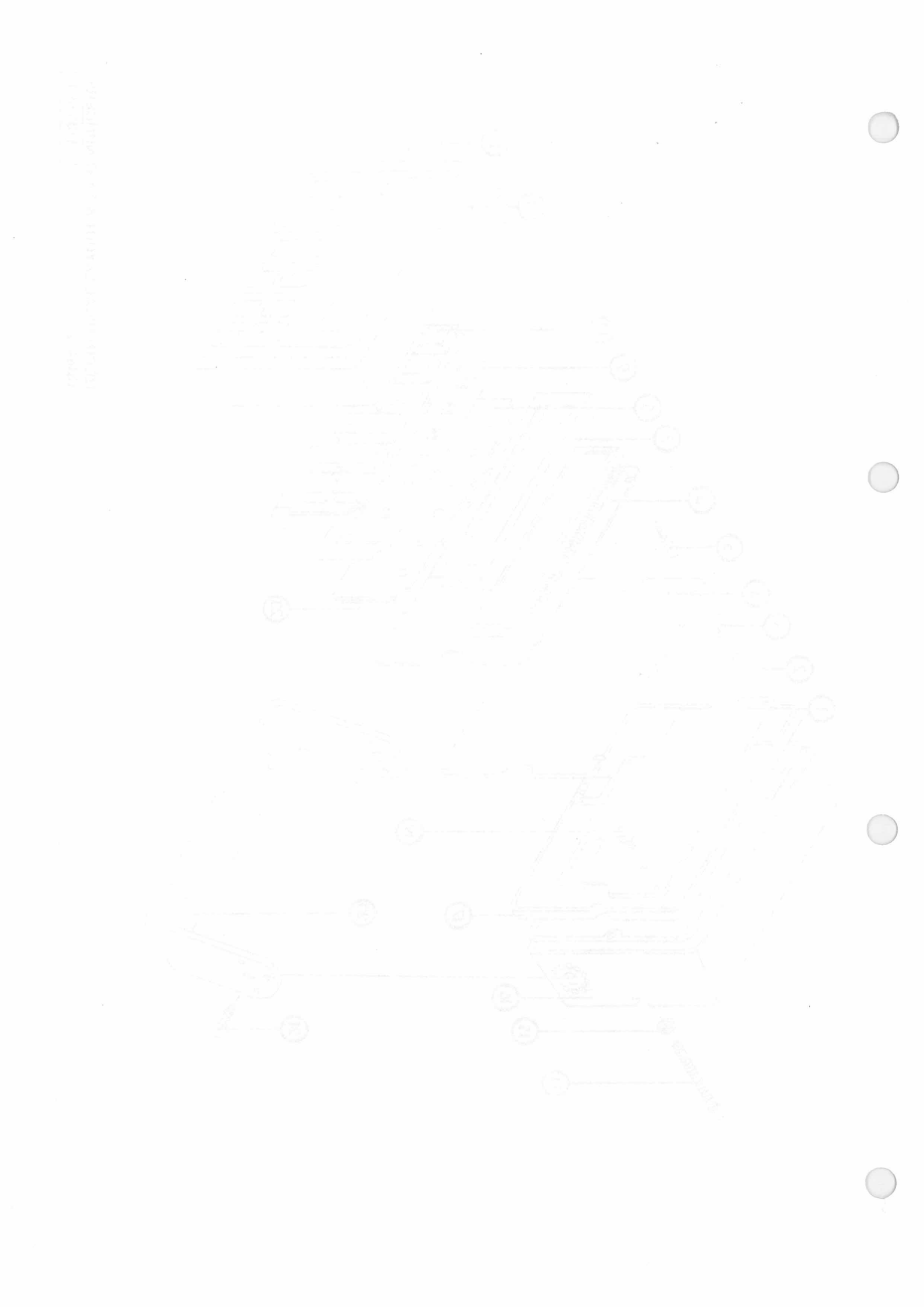
KEYBOARD MATRIX FOR CB6XXX

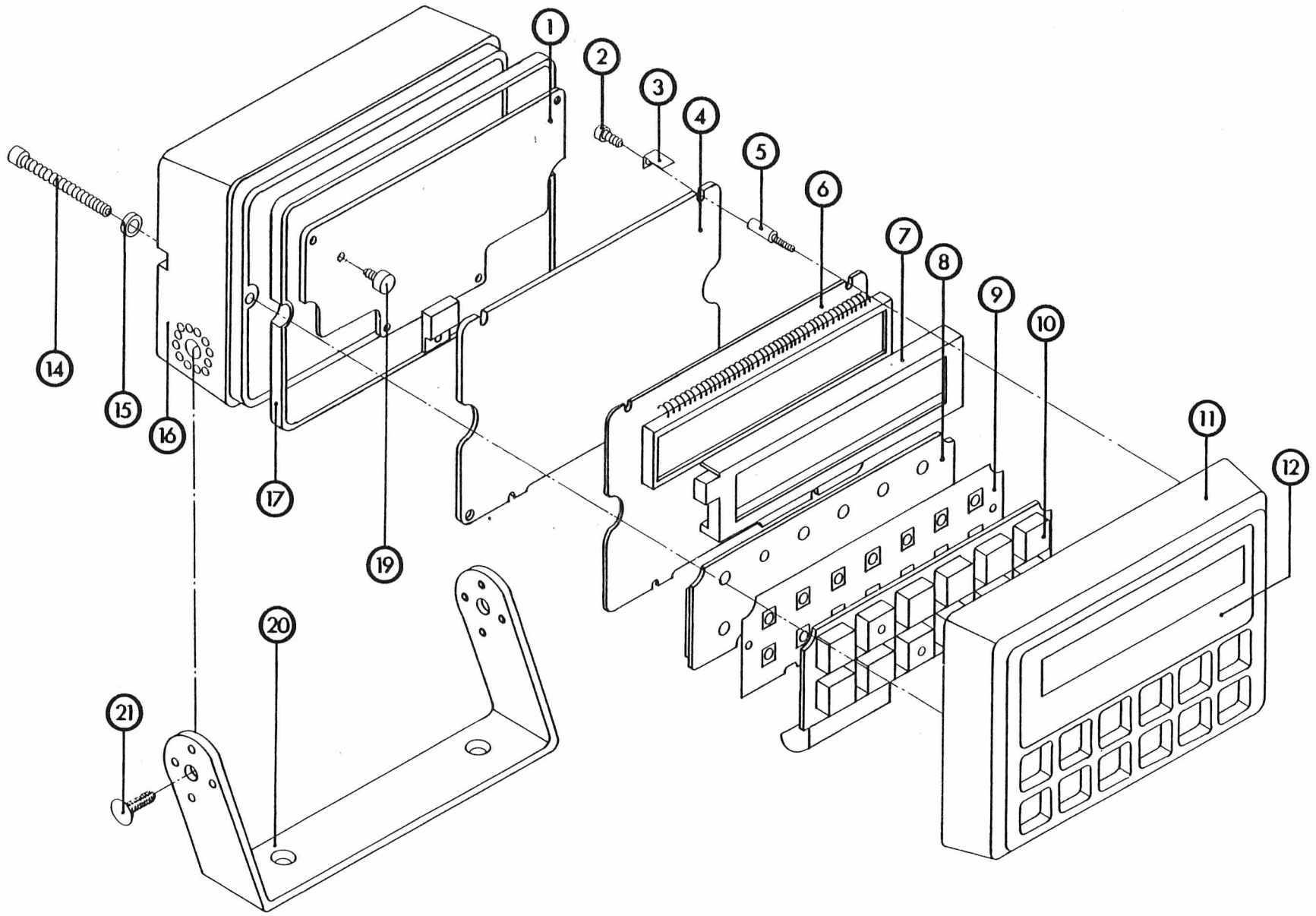
CODE NO. K805526G1 D404.174/2



MECHANICAL LAYOUT & PART NUMBERS
CB6402

M405.564





DOC. ISSUE 07.03.90.

MECHANICAL LAYOUT & PART NUMBERS
CB6402

M405.564/2

MECHANICAL PARTS LIST FOR CONTROL BOX CB6402

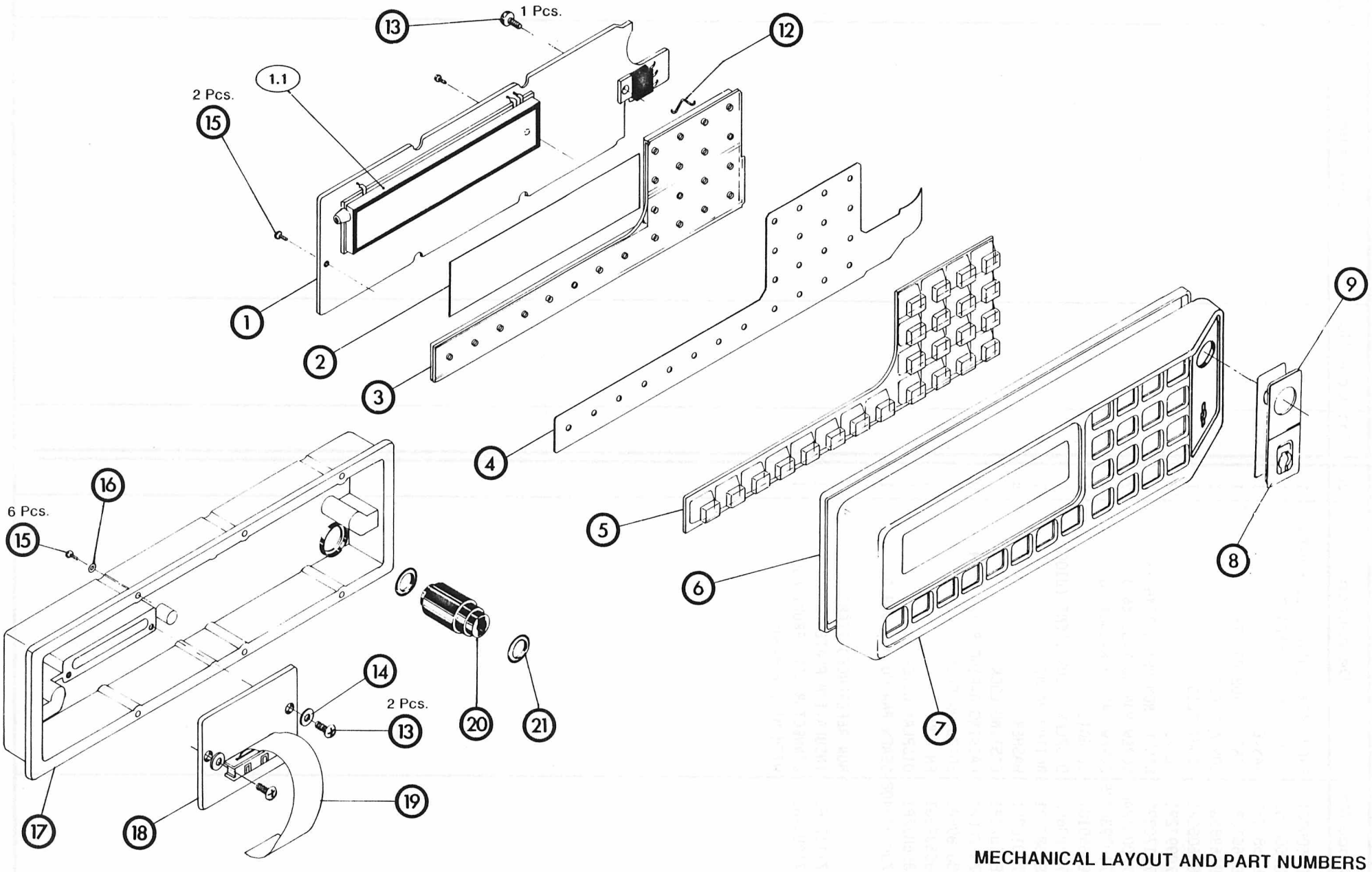
Pos	Code No.	Description	Qt
1	L856043G2	COMPONENT BD JUNCTION	1
2	J710793P206	SCR PAN HD M-2.0X 6.0	4
3	J710584P1	BRACKET	4
4	L856040G2	COMPONENT BD CONTROL	1
5	J710374P1	SPACER	4
6	L856037G2	COMPONENT BD DISPLAY	1
7	L856032P1	DISPLAY COVER	1
8	0702017U08	SUPPORT KEYPAD	1
9	L856046G1	CONTACT FOIL	1
10	75D02015U05	KEY-PAD RUBBER	1
11	M906394P1R1	HOUSING FRONT	1
12	K806057P1	DISPLAY WINDOW ASM	1
14	J707099P335	SCR SOC HD M-3.0X35	2
15	J710634P1	WASH SPG 3.1X6.2X0.7	2
16	M906395P2	HOUSING BACK	1
17	K805925P1R1	GASKET	1
19	A700031P405	SCR PAN HD M-3.0X 5.0	5
20	L856033P1	BRACKET	1
21	J710454P112	SCR FLAT HD M-4.0X12.0	2
		NON REFERENCED ITEMS:	
	J706880P4	WASH SEALING	2
	J710454P112	SCR FLAT HD M-4.0X12.0	2
	J706076P6	WASH SPG 4.0X8.5	2
	A700034P6	NUT HEX M-4.0X0.7	2
	A700035P306	SCR FLAT HD M-2.5X6.0	2

Pos	Code No.	Description	Qt

MECHANICAL PARTS LIST FOR CONTROL BOX CB6201

Pos	Code No.	Description	Qt
1	M906539G2	CL 6010	1
1.1	J708896P1	DISPLAY, FLOURESC. 16-SD 01ZS	1
2	L856032P1	DISPLAY COVER	1
3	M906427P1R1	LIGHT GUIDE	1
4	M906496G1	CONTACT FOIL	1
5	M906433P1	CONTACT RUBBER PRINTED	1
6	K805872P1	GASKET	1
7	K805992G7	FRONT ASM (STANDARD)	1
	K805992G4	FRONT ASM (WITH CODE PLUG)	1
	K805992G5	FRONT ASM (WITH MIC.+H-BUS)	1
	K805992G6	FRONT ASM (WITH SPEAKER MIC.)	1
8	K805945P1	PLATE (WITH MIC.)	1
	K805945P2	PLATE (WITHOUT MIC.)	1
9	J710855P2	TAPE	1
12	J709972P1R1	CLIPS	11
13	A700031P406	SCREW PAN HD M-3.0X 6.0	3
14	J706076P5	WASHER SPG	2
15	J710793P205	SCR PAN HD M-2.0X 5.0	8
16	J710102P1	WASHER	6
17	K805877P1	BOTTOM PAINTED	1
18	L855998G1	FN 6007	1
19	K805983P2	BD PW FLEX	1
20	K805873P1	LOCK	1
21	J707200P4	PACKING D-8.1X1.6	2
		NON REFERENCED ITEMS:	
	J710858G1	MOUNTING KIT (LOCAL ONLY)	1
	J710854G1	CONNECTOR KIT (FRONT ASM. WITH CODE PLUG)	1
	J710854G2	CONNECTOR KIT (FRONT ASM. WITH MIC. + H-BUS)	1
	J710854G3	CONNECTOR KIT (FRONT ASM. WITH SPEAKER MIC.)	1

Pos	Code No.	Description	Qt



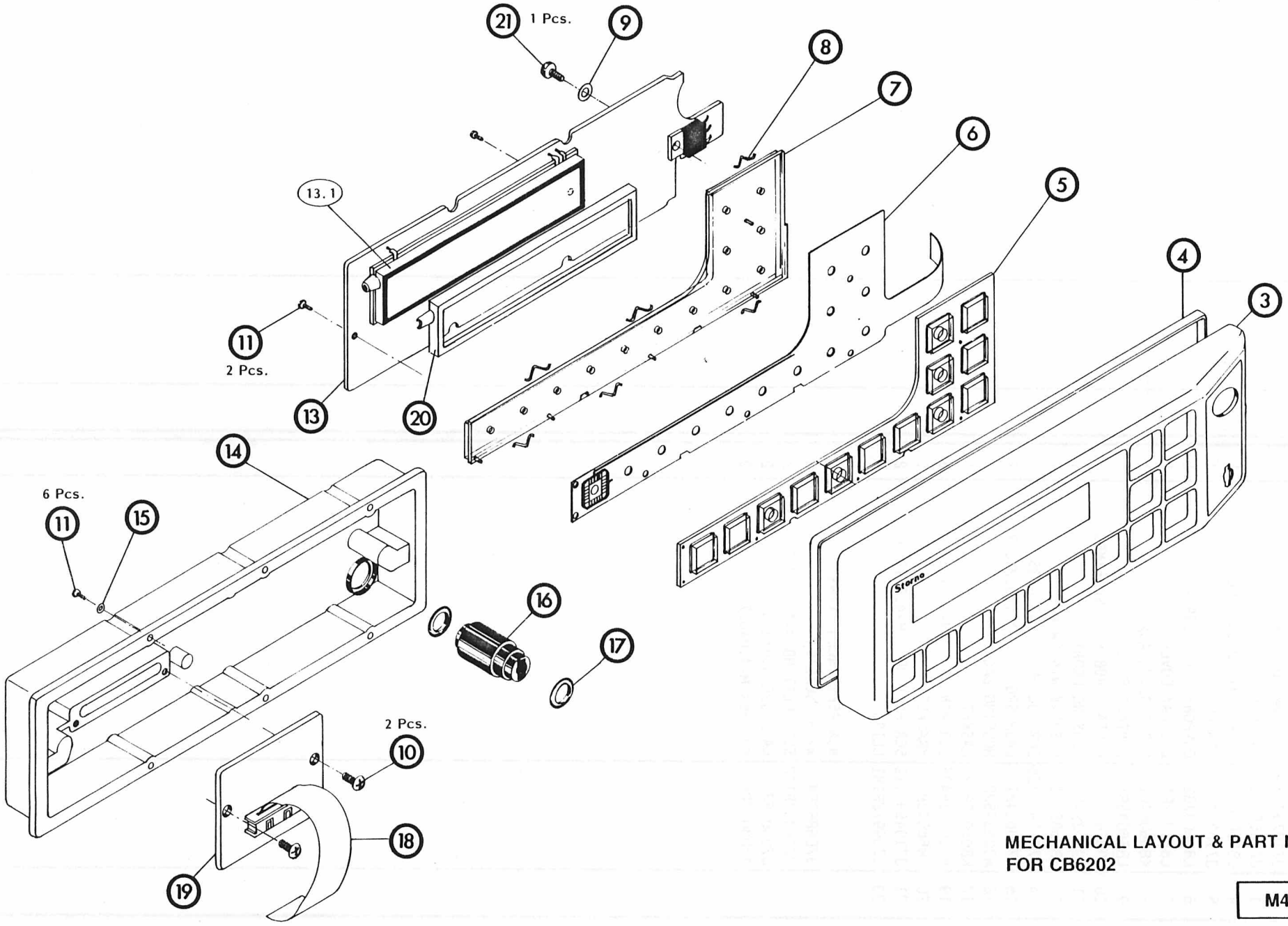
MECHANICAL LAYOUT AND PART NUMBERS FOR CB6201

M405.595

MECHANICAL PARTS LIST FOR CONTROL BOX CB6202

Pos	Code No.	Description	Qt
3	K806060G1	FRONT ASM (WITH MIC. + H-BUS)	1
	K806060G2	FRONT ASM (STANDARD)	1
4	K805872P1R1	GASKET	1
5	M906613P1	CONTACT RUB PRINTED	1
6	K805885G1	CONTACT FOIL	1
7	K806065P1	LIGHT GUIDE	1
8	J709972P1R1	CLIPS	12
9	A701728P1	WASHER NON MET 3.17X6.35	1
10	A700031P405	SCREW PAN HD M-3.0X5.0	2
11	J710793P205	SCREW PAN HD M-2.0X5.0	8
13	M906591G1	CL 6011	1
13.1	J708896P2	DISPLAY FLOURESCENT (U100)	1
14	K805877P1	BOTTOM PAINT	1
15	J710102P1	WASHER	6
16	K805873P1	CASTING LOCK	1
17	J707200P4	PACKING O-RING 8.1X1.6 MM	2
18	K805895P1	BOARD PW FLEX	1
19	L855998G1	FN 6007	1
20	L856032P1	DISPLAY COVER	1
21	A700031P408	SCREW PAN HD M-3.0X8.0	1
		NON REFERENCED ITEMS:	
	J711170P1	INSULATION PLATE	1
	J710854G2	CONNECTOR KIT (FRONT ASM WITH MIC. + H-BUS	1

Pos	Code No.	Description	Qt



MECHANICAL LAYOUT & PART NUMBERS FOR CB6202

M405.565

MECHANICAL PARTS LIST FOR CONTROL BOX CB6402

Pos	Code No.	Description	Qt
1	L856043G2	COMPONENT BD JUNCTION	1
2	J710793P206	SCR PAN HD M-2.0X 6.0	4
3	J710584P1	BRACKET	4
4	L856040G2	COMPONENT BD CONTROL	1
5	J710374P1	SPACER	4
6	L856037G2	COMPONENT BD DISPLAY	1
7	L856032P1	DISPLAY COVER	1
8	K806064P1	LIGHT GUIDE ASM	1
9	L856046G1	CONTACT FOIL	1
10	M906614P1	CONTACT RUB SILK SCREENED	1
11	M906394P1	HOUSING FRONT	1
12	K806057P1	DISPLAY WINDOW ASM	1
14	J707099P335	SCR SOC HD M-3.0X35	2
15	J710634P1	WASH SPG 3.1X6.2X0.7	2
16	M906395P2	HOUSING BACK	1
17	K805925P1R1	GASKET	1
19	A700031P405	SCR PAN HD M-3.0X 5.0	5
20	L856033P1	BRACKET	1
21	J710454P112	SCR FLAT HD M-4.0X12.0	2
23	J709972P1R1	CLIPS	6
		NON REFERENCED ITEMS:	
	J706880P4	WASH SEALING	2
	J710454P112	SCR FLAT HD M-4.0X12.0	2
	J706076P6	WASH SPG 4.0X8.5	2
	A700034P6	NUT HEX M-4.0X0.7	2

Pos	Code No.	Description	Qt

MECHANICAL PARTS LIST FOR CONTROL BOX CB6202

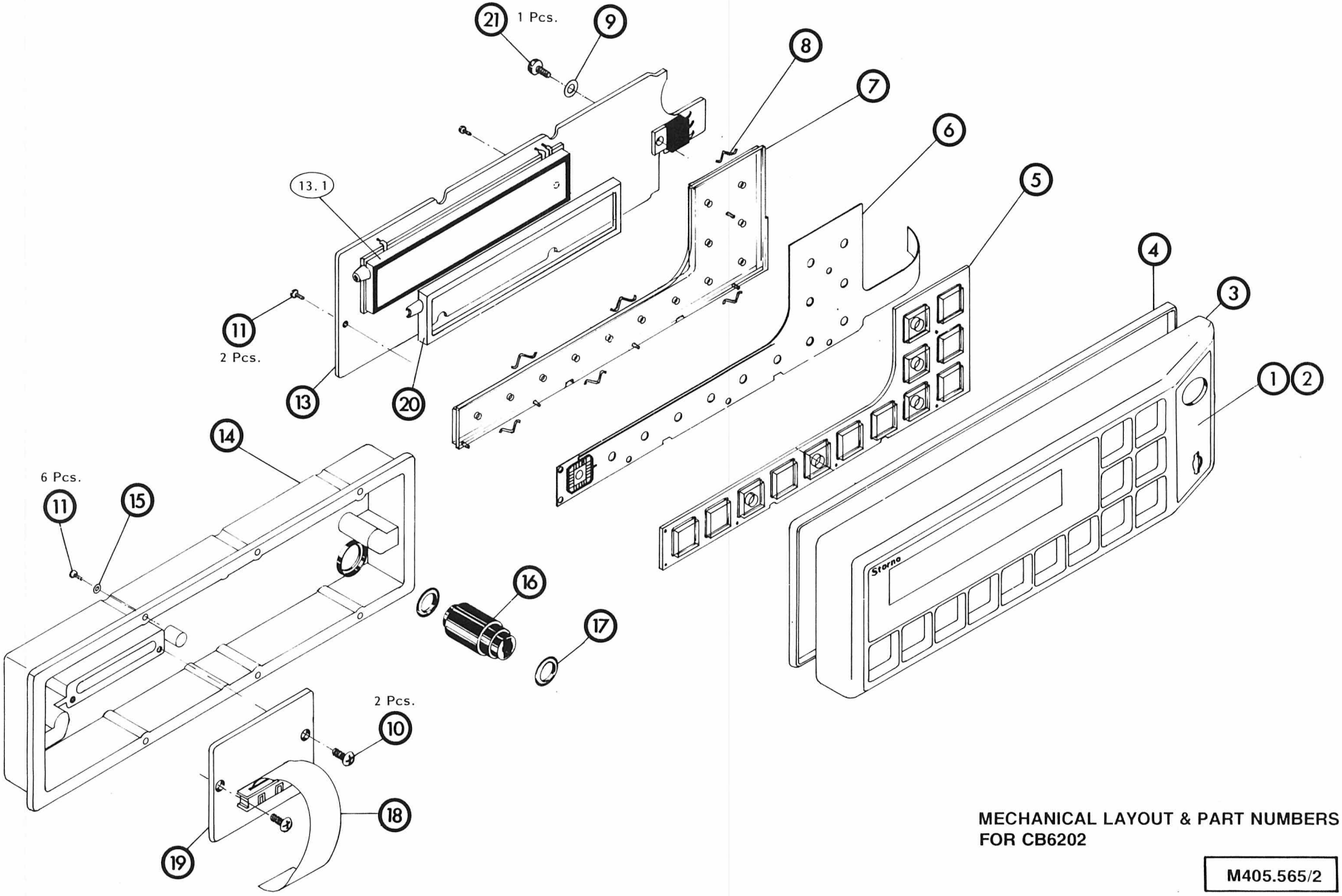
Pos	Code No.	Description	Qt
1	K805945P1	PLATE	1
2	J710855P2	TAPE	1
3	K806060G1	FRONT ASM (WITH MIC. + H-BUS)	1
	K806060G2	FRONT ASM (STANDARD)	1
4	K805872P1R1	GASKET	1
5	M906613P1	CONTACT RUB PRINTED	1
6	K805885G1	CONTACT FOIL	1
7	K806065P1	LIGHT GUIDE	1
8	J709972P1R1	CLIPS	12
9	A701728P1	WASHER NON MET 3.17X6.35	1
10	A700031P405	SCREW PAN HD M-3.0X5.0	2
11	J710793P205	SCREW PAN HD M-2.0X5.0	8
13	M906591G1	CL 6011	1
13.1	J708896P2	DISPLAY FLOURESCENT (U100)	1
14	K805877P1	BOTTOM PAINT	1
15	J710102P1	WASHER	6
16	K805873P1	CASTING LOCK	1
17	J707200P4	PACKING O-RING 8.1X1.6 MM	2
18	K805895P1	BOARD PW FLEX	1
19	L855998G1	FN 6007	1
20	L856032P1	DISPLAY COVER	1
21	A700031P408	SCREW PAN HD M-3.0X8.0	1
		NON REFERENCED ITEMS:	
	J711170P1	INSULATION PLATE	1
	J710854G2	CONNECTOR KIT (FRONT ASM WITH MIC. + H-BUS	1

Pos	Code No.	Description	Qt

MECHANICAL PARTS LIST FOR CONTROL BOX CB6202

Pos	Code No.	Description	Qt
1	K805945P1	PLATE	1
2	J710855P2	TAPE	1
3	K806060G1	FRONT ASM (WITH MIC. + H-BUS)	1
	K806060G2	FRONT ASM (STANDARD)	1
4	K805872P1R1	GASKET	1
5	75D02015U04	KEY-PAD RUBBER	1
6	K805885G1	CONTACT FOIL	1
7	M906292P1R2	LIGHT GUIDE	1
8	J709972P1R1	CLIPS	12
9	A701728P1	WASHER NON MET 3.17X6.35	1
10	A700031P405	SCREW PAN HD M-3.0X5.0	2
11	J710793P205	SCREW PAN HD M-2.0X5.0	8
13	M906591G1	CL 6011	1
13.1	J708896P2	DISPLAY FLOURESCENT (U100)	1
14	K805877P1	BOTTOM PAINT	1
15	J710102P1	WASHER	6
16	K805873P1R1	CASTING LOCK	1
17	J707200P4	PACKING O-RING 8.1X1.6 MM	2
18	K805895P1	BOARD PW FLEX	1
19	L855998G1	FN 6007	1
20	L856032P1	DISPLAY COVER	1
21	A700031P408	SCREW PAN HD M-3.0X8.0	1
		NON REFERENCED ITEMS:	
	J711170P1	INSULATION PLATE	1
	J710854G2	CONNECTOR KIT (FRONT ASM WITH MIC. + H-BUS	1

Pos	Code No.	Description	Qt



MECHANICAL LAYOUT & PART NUMBERS FOR CB6202

M405.565/2

INSTALLATION

- Mechanical installation
- Microphones
- Interconnection diagram

Storno

STORNOPHONE 6000

INSTALLATION

The Stornophone 6000 radiotelephone is available in different versions, local controlled, remote controlled or handset controlled. Each of the basic radio installations may be mounted as either DIN-mounted or free mounted.
When the radio is delivered all ordered hardware is supplied with the radio ready for installation. For detailed description of each item refer to the accessory chapter.

As it is impossible to give detailed instructions for all types of vehicles and the user's requirements may differ the installation should be adapted to the actual situation.

INSTALLATION OF RADIO UNIT

The radio unit can be mounted in the DIN-place provided in some vehicles and requires a DIN cassette or it can be free mounted which requires a free mount cassette. In both cases it should be assured that the cables can be routed to the radio cassette without being exposed to excessive heat or mechanical damage.
When the mounting place for the radio unit in a remote controlled installation is chosen considerations should be given to protection against rain, splashing water and strong heat. The heat sink on the rear part of the unit should be kept free in order to allow maximum heat dissipation without the need for ventilation. Note that the heat sink during long periods of transmission can reach high temperatures and it is therefore recommended to mount the radio unit away from heat sensitive objects (plastic parts).

INSTALLATION OF CONTROL HEAD

The control head can be mounted either in a DIN mounting frame or a free mounting frame which allows the control head to be mounted in different angles for convenient operation. When the mounting place has been chosen the mounting frame is used as template for drilling the holes for the selftapping screws.

INSTALLATION OF JUNCTION BOX

A junction box is used in installations requiring connections to accessories. All accessories are fitted with cables which plug into the box.
When planning the installation the junction box must be located at a central place in the radio system. If necessary the box can be attached to the vehicle with selftapping screws.

INSTALLATION OF CABLES

The installation of STORNOMATIC 6000 requires different cables to be routed in the vehicle. A cable kit is always ordered with the radio and includes a fuse box and fuses. The fuse box shall be mounted as close to the battery as possible. The battery cable and the control cable should be routed through existing cable ducts in the vehicle if possible and tied to existing cables or clamped to the chassis. If holes are drilled these should always be fitted with suitable grommets. Before drilling any holes makes sure not to damage cables or parts that might be located behind the walls.

INSTALLATION OF HANDSET

When the radio installation comprises a free mounted handset this requires a special mounting frame of which several are available, refer to accessories. The mounting frame is used as template for drilling of holes for selftapping screws.

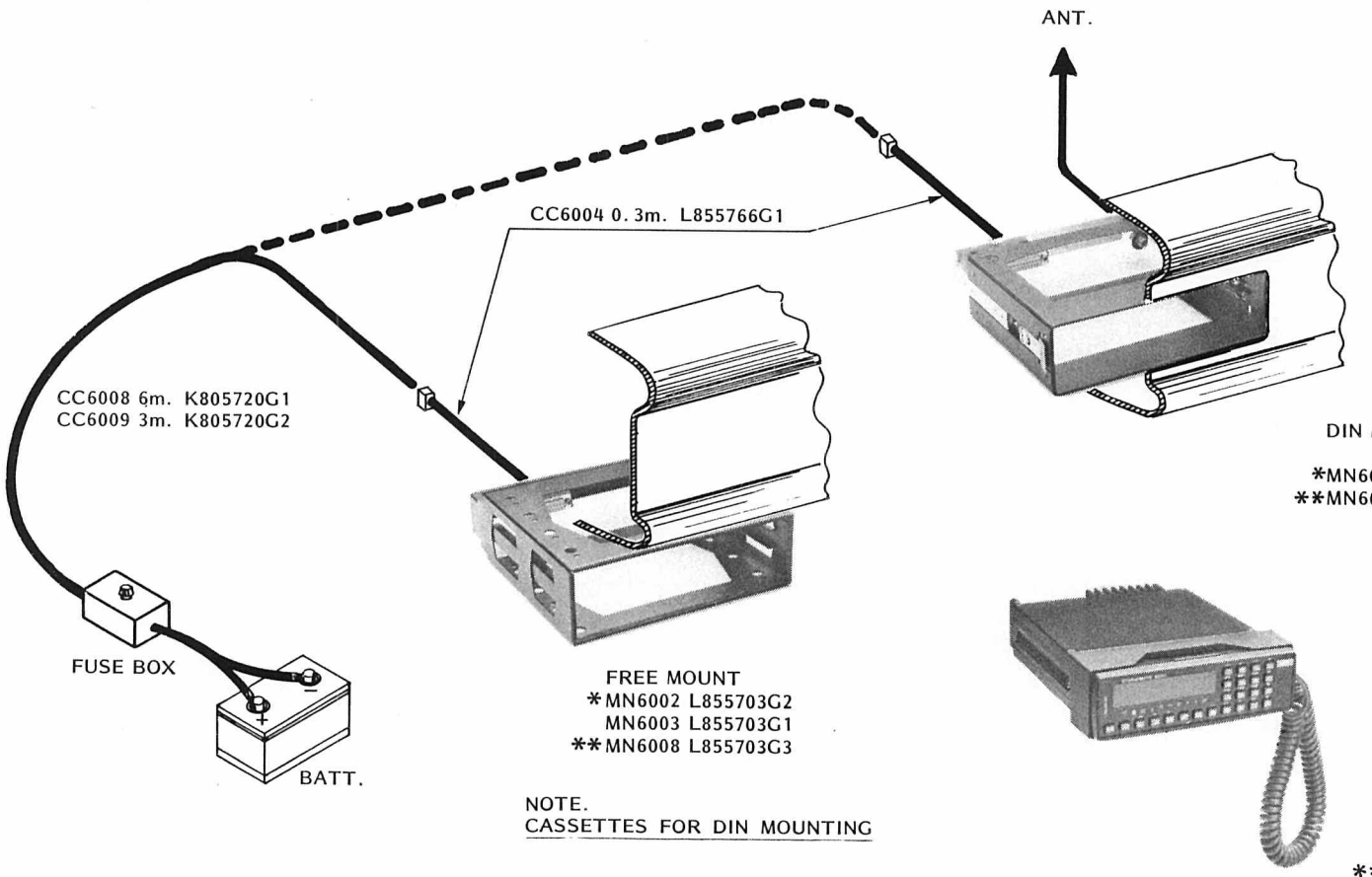
HANDS FREE INSTALLATION

Hands free installation requires a microphone, a loudspeaker and a transmitter key switch be installed in convenient places.
The microphone should be mounted at a place in front of and as close as possible to the operator so that normal speaking distance (30 - 40 cm) is obtained.

The transmitter key switch should be mounted within convenient reach of the operator and the loudspeaker at a suitable place from where the cable can be routed to the junction box.

INSTALLATION OF ANTENNA

The antenna should preferably be placed as high as possible on the vehicle and free of any obstacles in order not to impair the matching and radiation pattern. The vehicle's roof is usually considered to be the best place but alternatively the antenna may be mounted on the trunk lid although this will give an unfavourable radiation pattern. In cases where the vehicle roof is non-metallic a sheet of aluminium foil, at least 1 m^2, must be glued to the roof below the antenna in order to obtain the necessary ground plane.
Instructions supplied with the antenna should be followed when attaching the antenna base and the antenna cable.



NOTE.
CASSETTES FOR DIN MOUNTING

MN6006	With connector bridge for short heat sink
MN6009	With connector bridge for long heat sink

CASSETTES FOR FREE MOUNTING

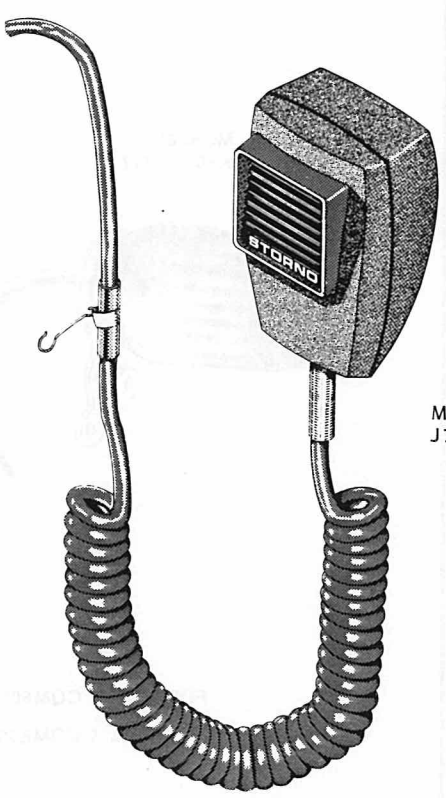
MN6002	With connector bridge for short heat sink
MN6003	Without connector bridge for manually connection
MN6008	With connector bridge for long heat sink

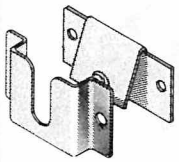
**CASSETTES NOT USED WITH CQM6000

*CASSETTES NOT USED WITH PRM6000

MECHANICAL INSTALLATION FOR HANDSET CONTROL RADIO ALL TYPES OF CASSETTES

M405.200/3





HS5001
J708850P1

MC6003
J708655P1

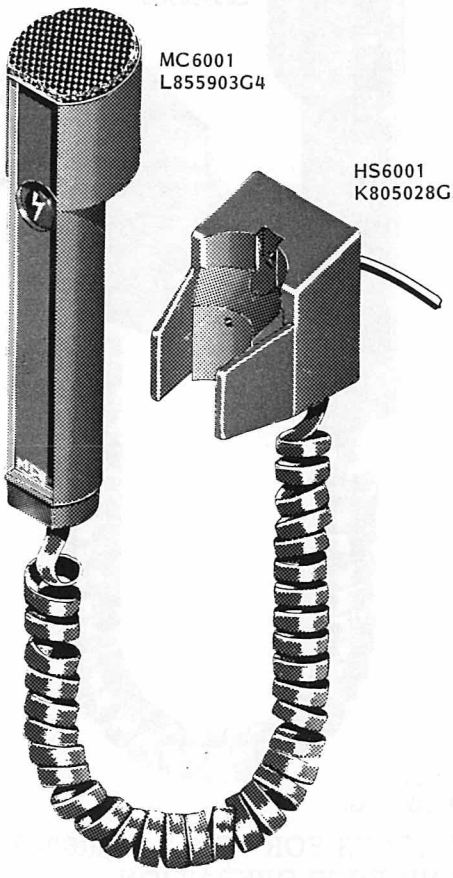
ONLY FOR CQM6000
NUR FÜR CQM6000

MC6004
K805101G2

REPLACED BY
MC6005

MC6005
L855959G1

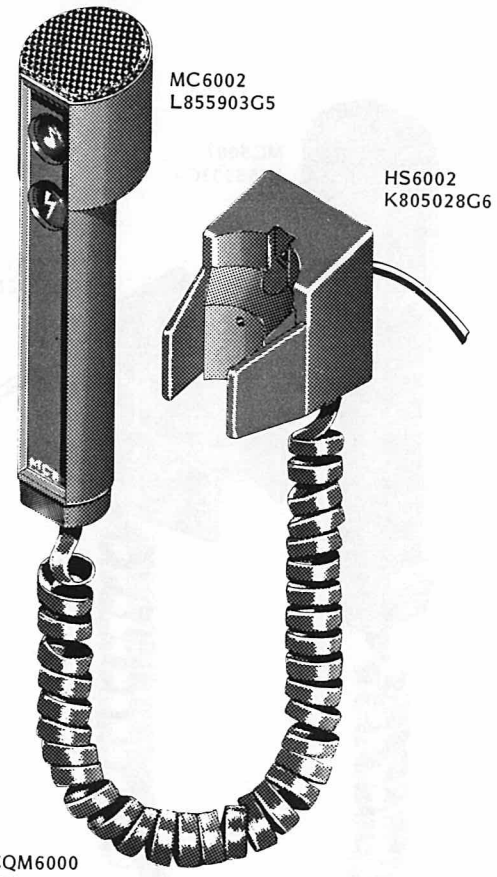
FOR PRM & CQM6000
FÜR PRM & CQM6000



MC6001
L855903G4

HS6001
K805028G5

ONLY FOR CQM6000
NUR FÜR CQM6000



MC6002
L855903G5

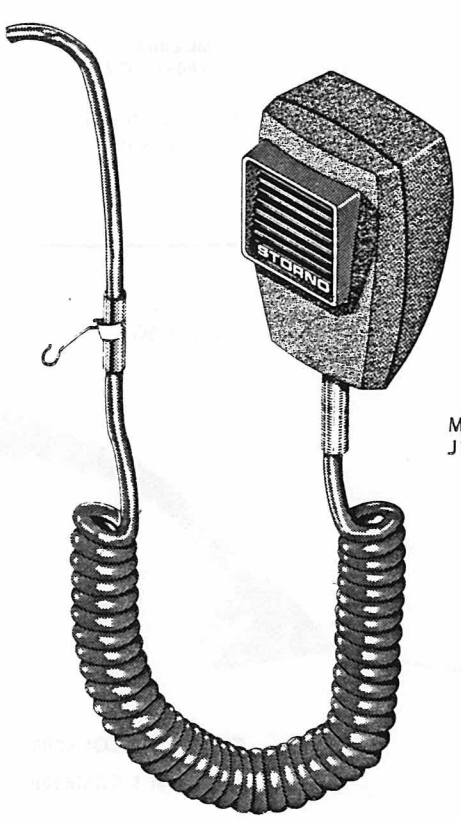
HS6002
K805028G6

ONLY FOR CQM6000
NUR FÜR CQM6000

MICROPHONES FOR PRM & CQM6000
FOR HAND FREE OPERATION
MIKROFONE FÜR PRM & CQM6000
FÜR FREIHÄNDIGEN BETRIEB

M405. 275/3

Storno



HS5001
J708850P1

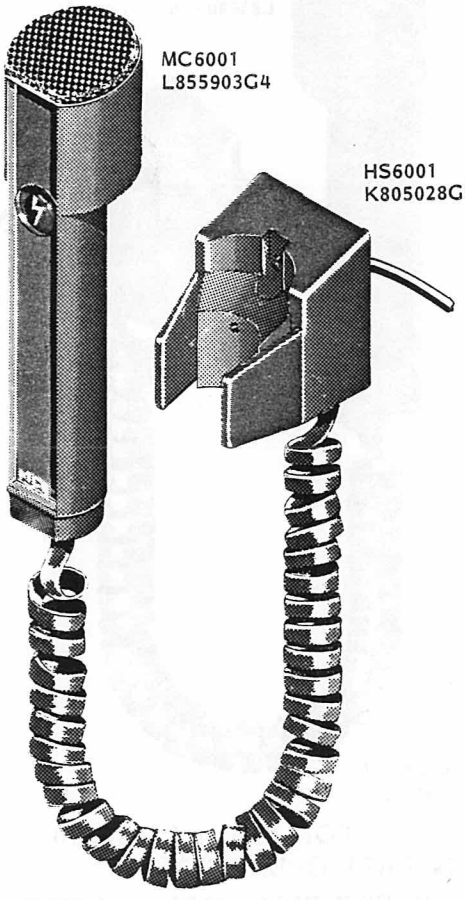
MC6003
J708655P1

ONLY FOR CQM6000
NUR FÜR CQM6000

Storno

MC6004
K805101G2

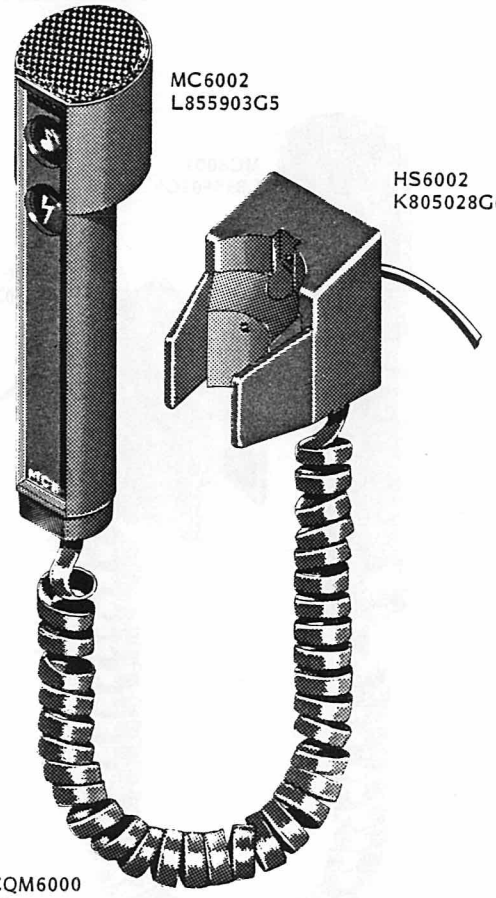
FOR PRM & CQM6000
FÜR PRM & CQM6000



MC6001
L855903G4

HS6001
K805028G5

ONLY FOR CQM6000
NUR FÜR CQM6000



MC6002
L855903G5

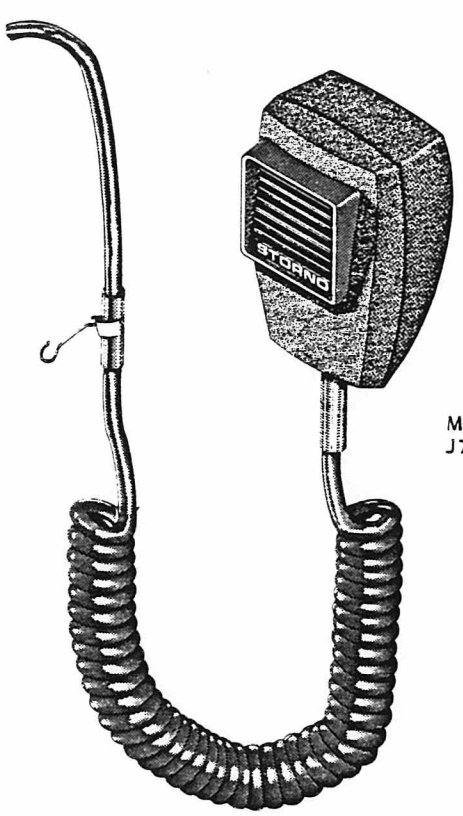
HS6002
K805028G6

ONLY FOR CQM6000
NUR FÜR CQM6000

MICROPHONES FOR PRM & CQM6000
FOR HAND FREE OPERATION
MIKROFONE FÜR PRM & CQM6000
FÜR FREIHÄNDIGEN BETRIEB

M405.275/2

Storno



HS5001
J708850P1

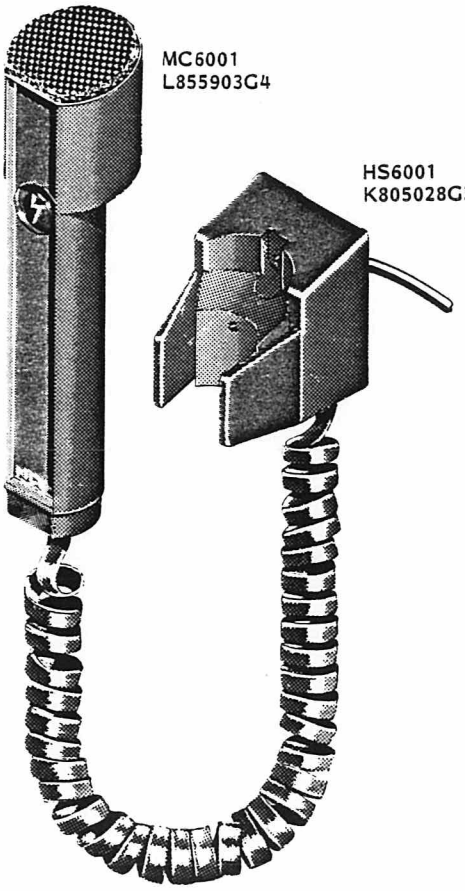
MC6003
J708655P1

ONLY FOR CQM6000
NUR FÜR CQM6000

Storno

MC6004
K805101G2

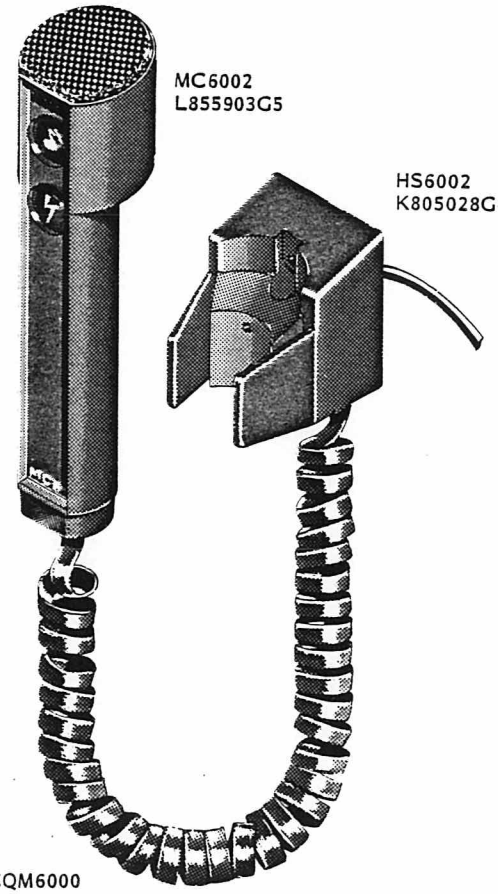
FOR PRM & CQM6000
FÜR PRM & CQM6000



MC6001
L855903G4

HS6001
K805028G5

ONLY FOR CQM6000
NUR FÜR CQM6000



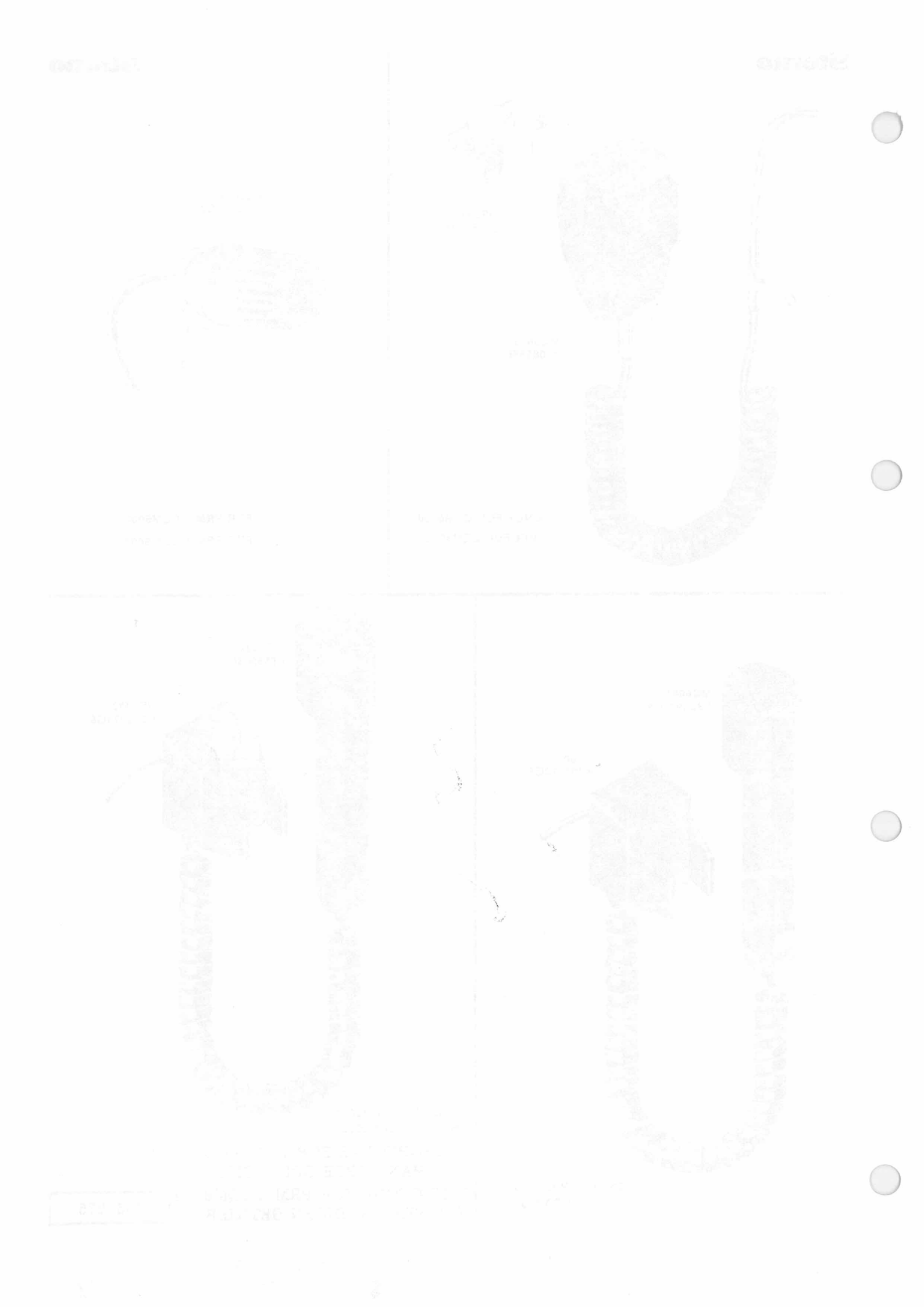
MC6002
L855903G5

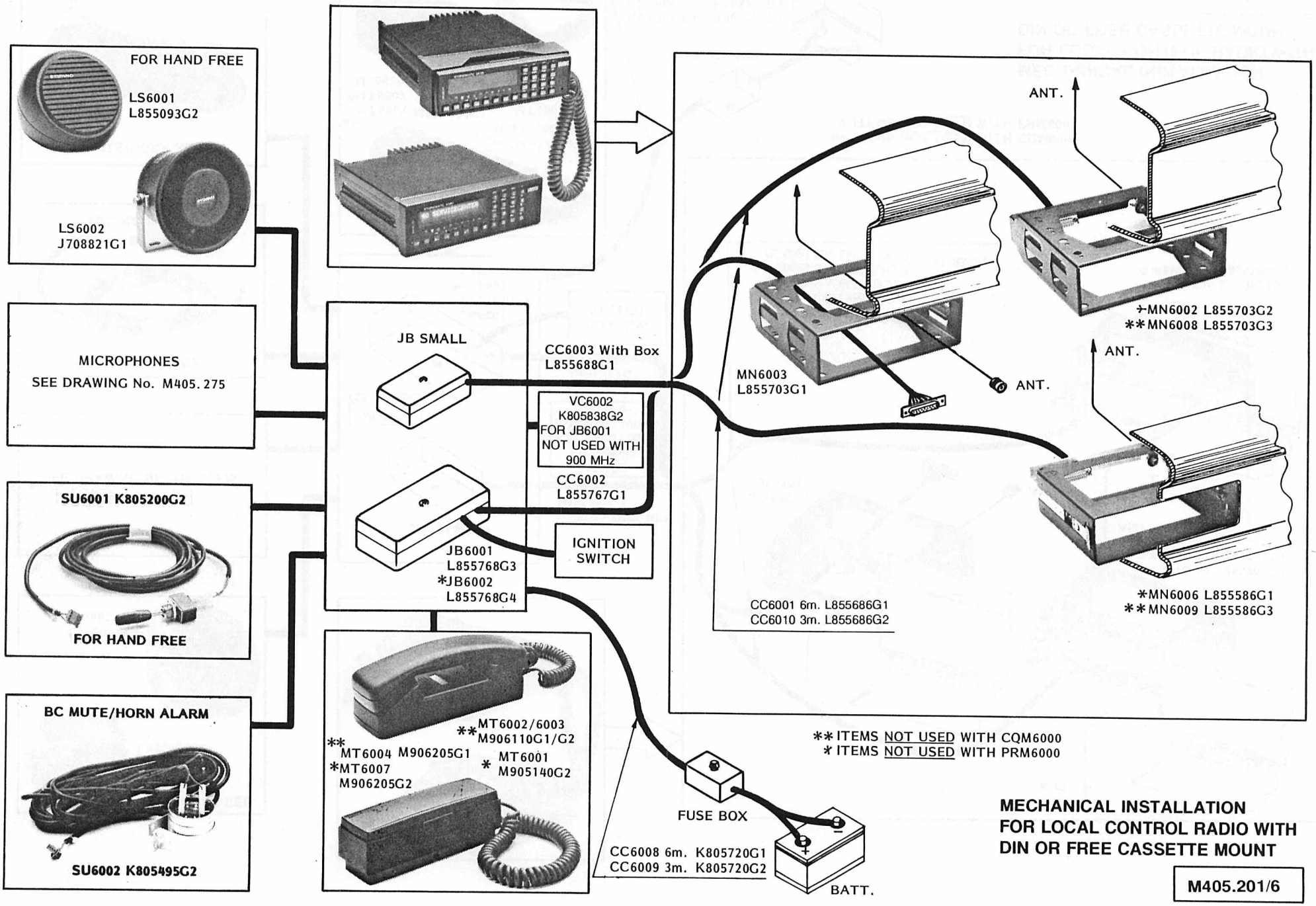
HS6002
K805028G6

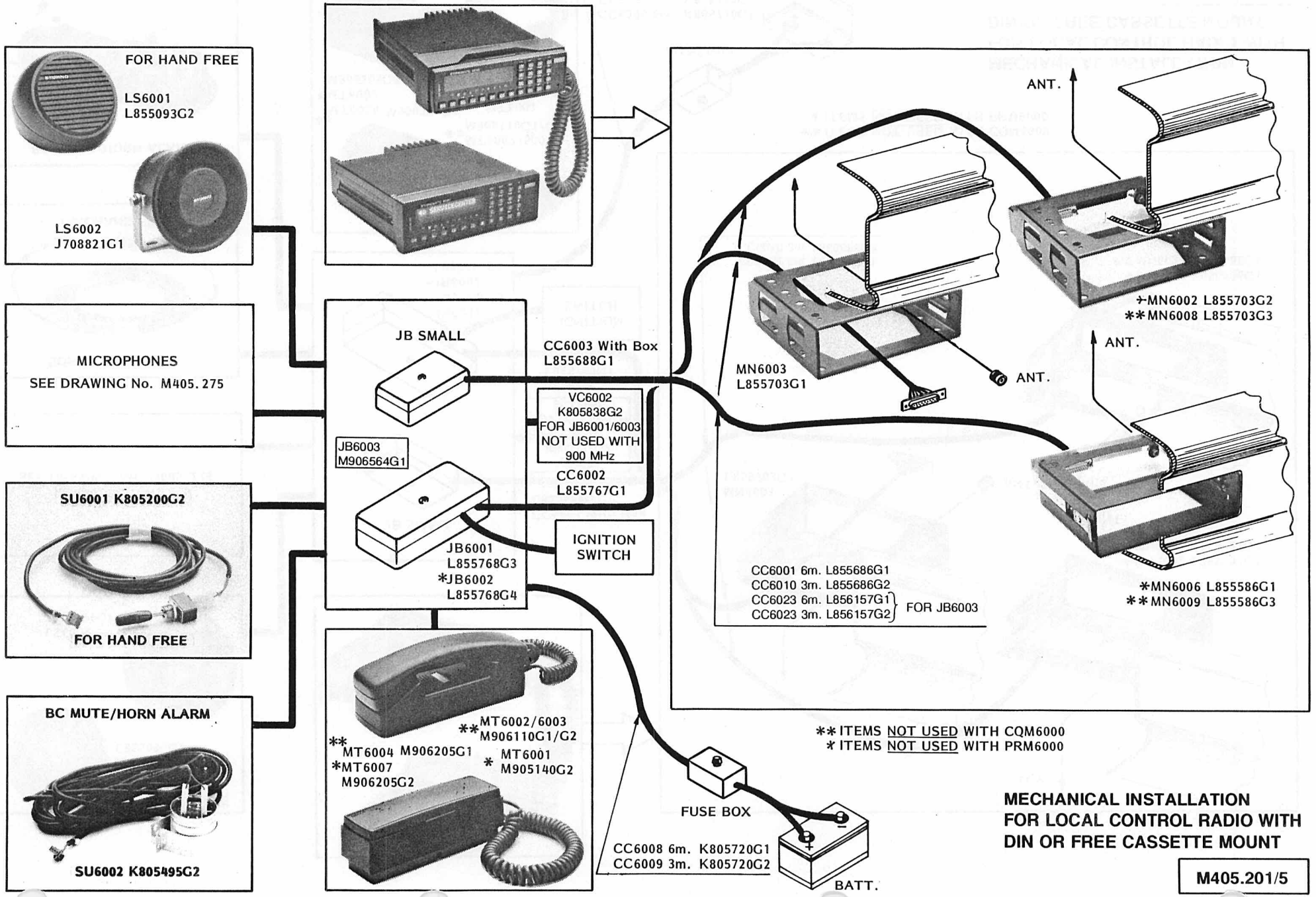
ONLY FOR CQM6000
NUR FÜR CQM6000

MICROPHONES FOR PRM & CQM6000
FOR HAND FREE OPERATION
MIKROFONE FÜR PRM & CQM6000
FÜR FREIHANDIGEN BETRIEB

M405. 275



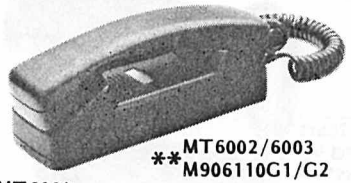

FOR HAND FREE
LS6001
L855093G2
LS6002
J708821G1
MICROPHONES
SEE DRAWING No. M405.275
SU6001 K805200G2
FOR HAND FREE
BC MUTE/HORN ALARM
SU6002 K805495G2
JB SMALL
CC6003 With Box
L855688G1
VC6002
K805838G2
FOR JB6001
NOT USED WITH
900 MHz
CC6002
L855767G1
IGNITION
SWITCH
JB6001
L855768G3
*JB6002
L855768G4
**MT6002/6003
**M906110G1/G2
**MT6004 M906205G1
*MT6007
M906205G2
*MT6001
M905140G2
FUSE BOX
CC6008 6m. K805720G1
CC6009 3m. K805720G2
BATT.
ANT.
MN6003
L855703G1
ANT.
+MN6002 L855703G2
**MN6008 L855703G3
ANT.
*MN6006 L855586G1
**MN6009 L855586G3
CC6001 6m. L855686G1
CC6010 3m. L855686G2
** ITEMS NOT USED WITH CQM6000
* ITEMS NOT USED WITH PRM6000
MECHANICAL INSTALLATION
FOR LOCAL CONTROL RADIO WITH
DIN OR FREE CASSETTE MOUNT
M405.201/6


FOR HAND FREE
LS6001
L855093G2
LS6002
J708821G1
MICROPHONES
SEE DRAWING No. M405.275
SU6001 K805200G2
FOR HAND FREE
BC MUTE/HORN ALARM
SU6002 K805495G2
JB SMALL
JB6003
M906564G1
JB6001
L855768G3
*JB6002
L855768G4
CC6003 With Box
L855688G1
VC6002
K805838G2
FOR JB6001/6003
NOT USED WITH
900 MHz
CC6002
L855767G1
IGNITION
SWITCH
**MT6002/6003
M906110G1/G2
**MT6004 M906205G1
*MT6007
M906205G2
*MT6001
M905140G2
FUSE BOX
CC6008 6m. K805720G1
CC6009 3m. K805720G2
BATT.
ANT.
MN6003
L855703G1
ANT.
*MN6002 L855703G2
**MN6008 L855703G3
ANT.
CC6001 6m. L855686G1
CC6010 3m. L855686G2
CC6023 6m. L856157G1
CC6023 3m. L856157G2
FOR JB6003
*MN6006 L855586G1
**MN6009 L855586G3
** ITEMS NOT USED WITH CQM6000
* ITEMS NOT USED WITH PRM6000
MECHANICAL INSTALLATION
FOR LOCAL CONTROL RADIO WITH
DIN OR FREE CASSETTE MOUNT
M405.201/5

FOR HAND FREE

LS6001
L855093G2

LS6002
J708821G1

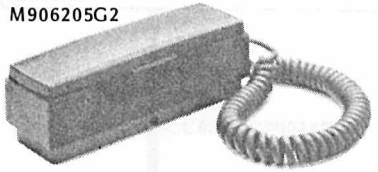


**MT6002/6003
**M906110G1/G2

**MT6004
M906205G1

*MT6001
M905140G2

*MT6007
M906205G2



MICROPHONES
SEE DRAWING No. M405.275

JB6001
L855768G3
*JB6002
L855768G4

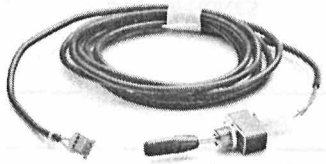
TRUNK MOUNTING
CC6001 6m. L855686G1
CC6010 3m. L855686G2

CLOSE INSTALLATION
CC6002 L855767G1

IGNITION
SWITCH

VC6002
K805838G2
FOR JB6001
NOT USED WITH
900 MHz

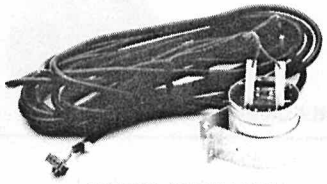
SU6001 K805200G2



FOR HAND FREE

CC6005 K805596G1

BC MUTE/HORN ALARM



SU6002 K805495G2

Different
Installation
possibilities
Se Drawing No.
M405.203

CC6008 6m. K805720G1
CC6009 3m. K805720G2

**ITEMS NOT USED WITH CQM6000
*ITEMS NOT USED WITH PRM6000

FUSE BOX

BATT.

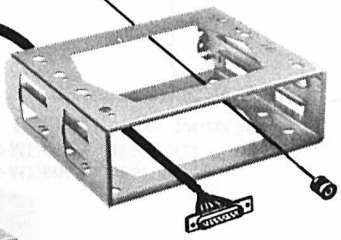
FREE MOUNT

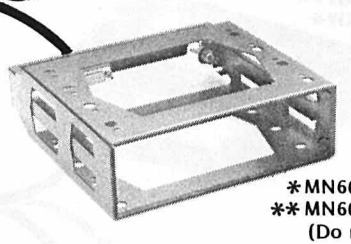
ANT.

MN6007
L855935G1

ANT.

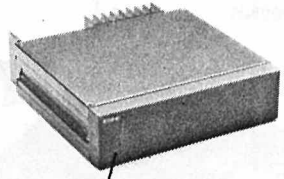
MN6003
L855703G1





*MN6002 L855703G2
**MN6008 L855703G3
(Do not use for trunk mount)

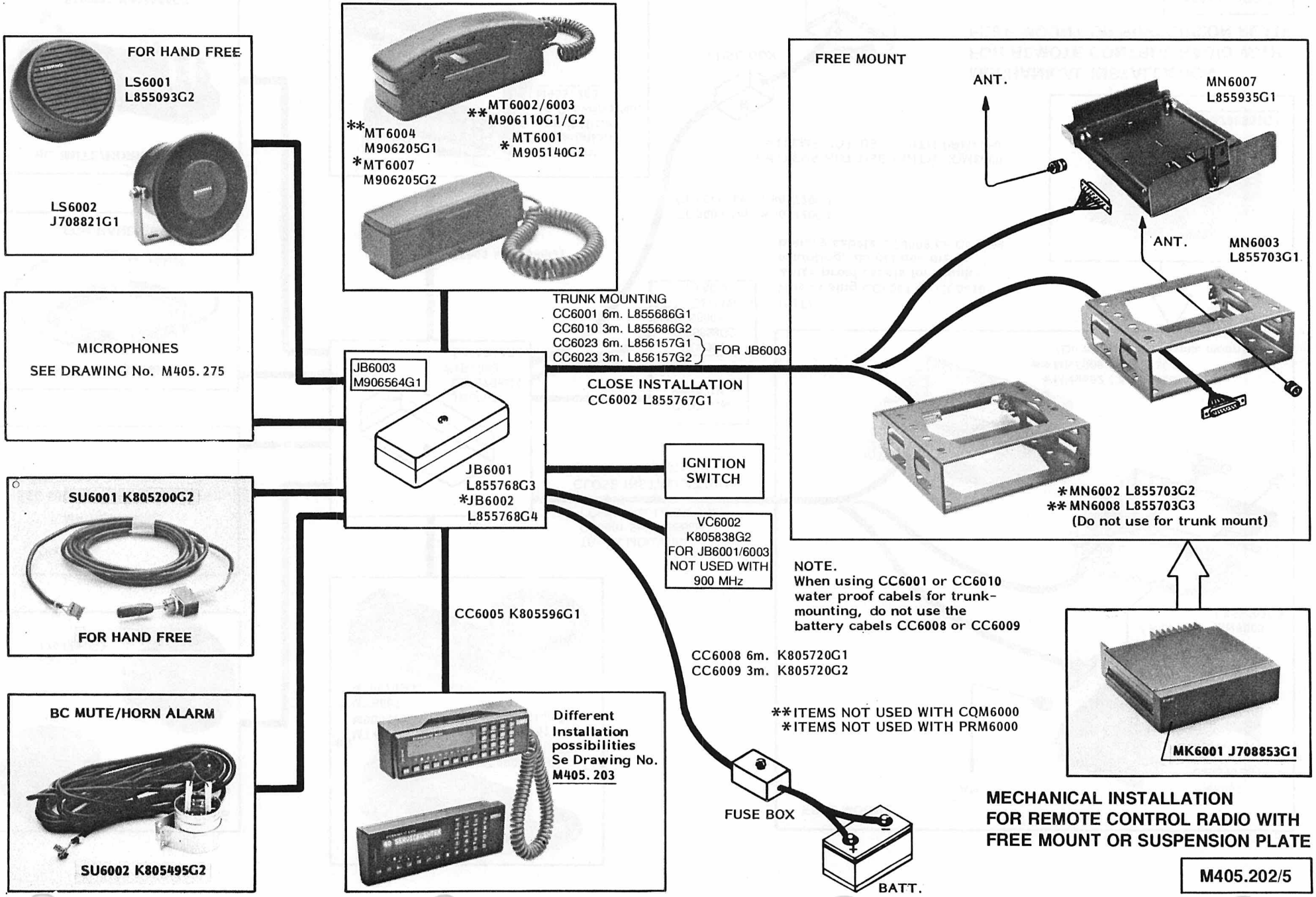
NOTE.
When using CC6001 or CC6010
water proof cabels for trunk-
mounting, do not use the
battery cabels CC6008 or CC6009



MK6001 J708853G1

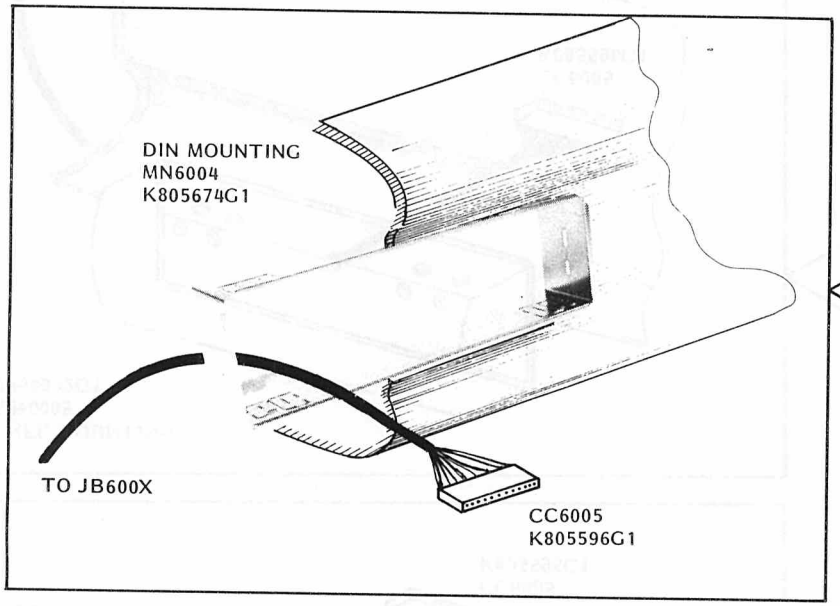
**MECHANICAL INSTALLATION
FOR REMOTE CONTROL RADIO WITH
FREE MOUNT OR SUSPENSION PLATE**

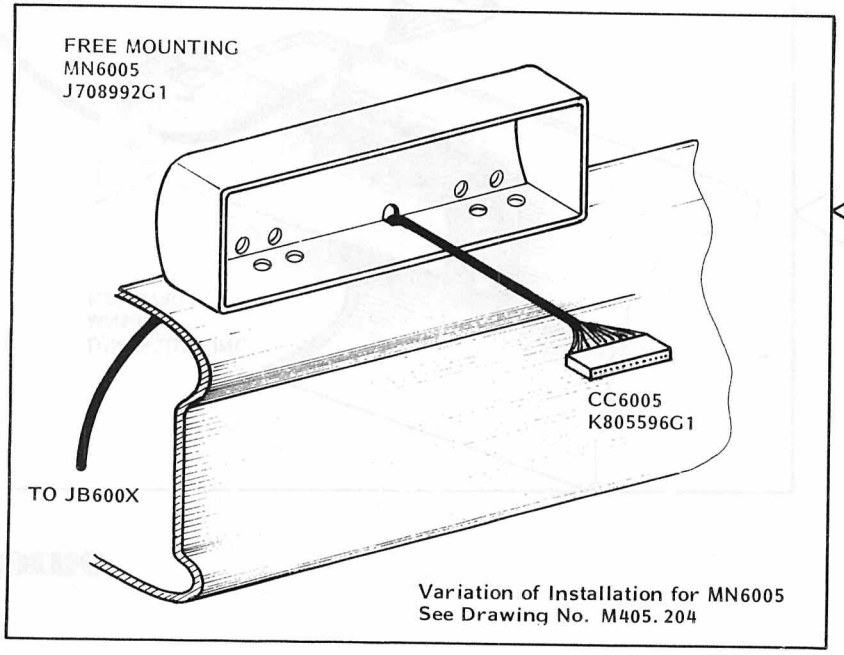
M405.202/6



MECHANICAL INSTALLATION FOR REMOTE CONTROL RADIO WITH FREE MOUNT OR SUSPENSION PLATE

M405.202/5

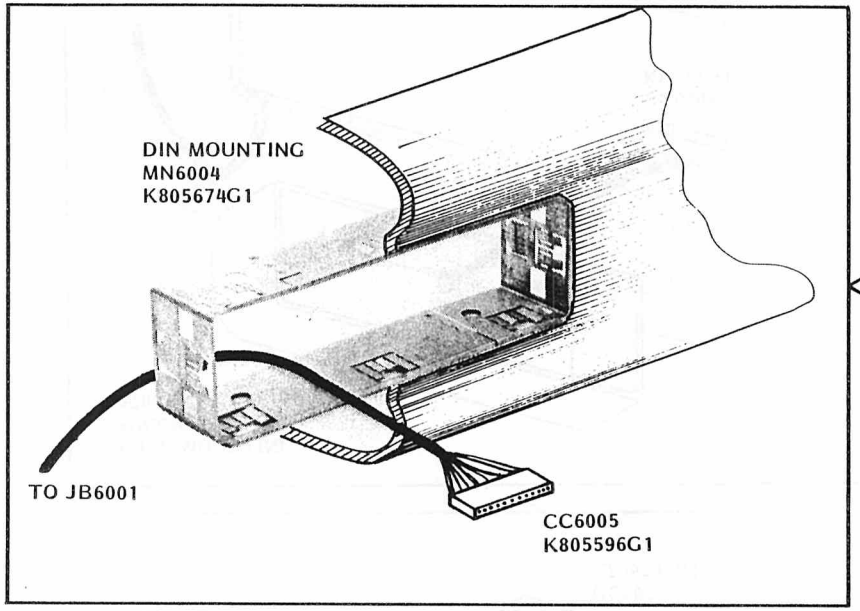


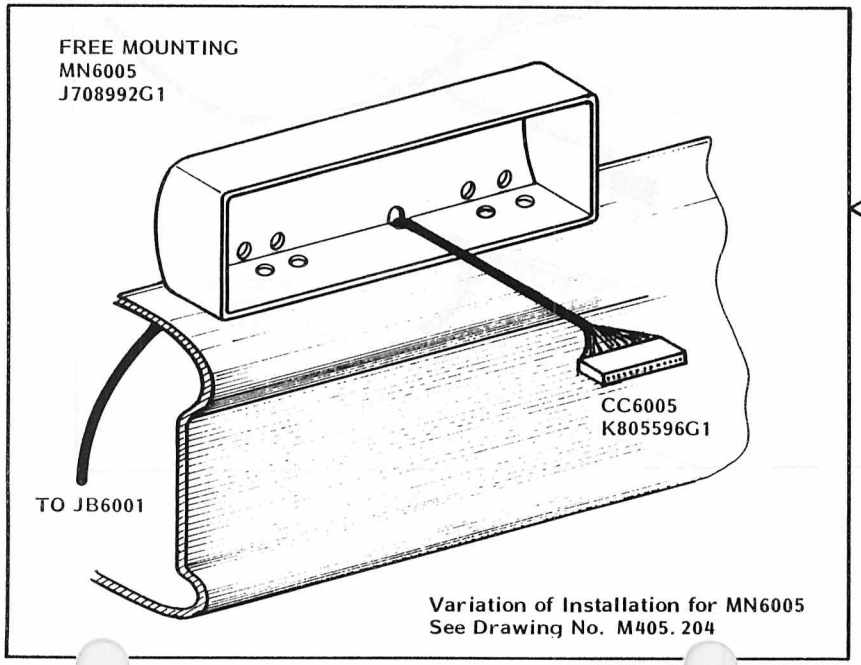


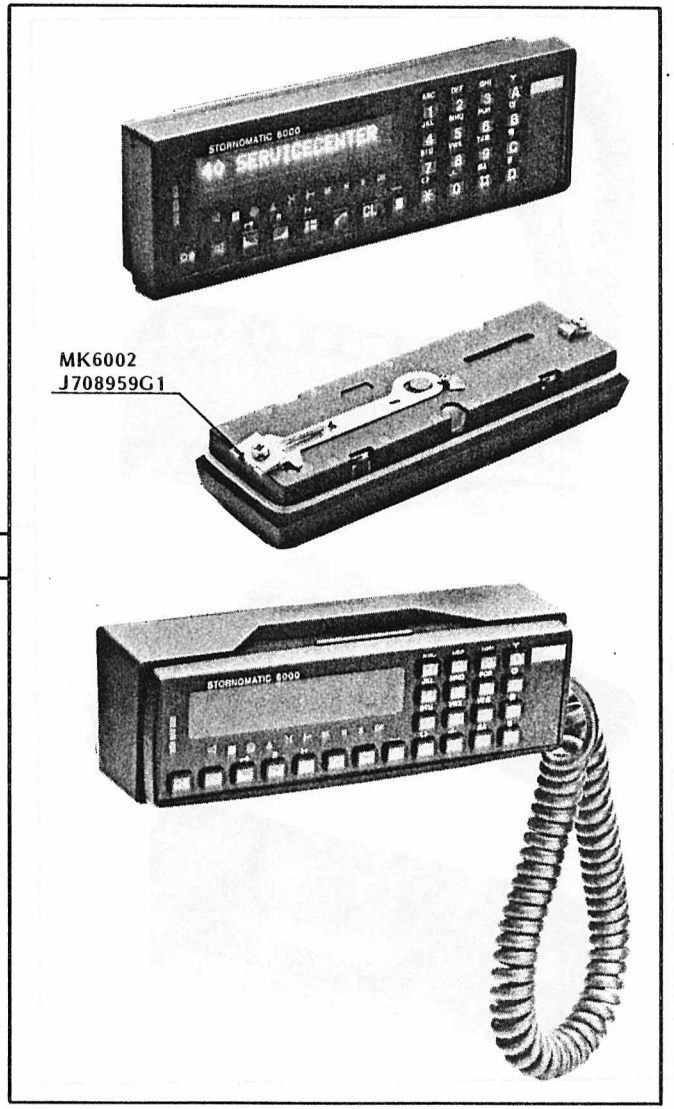
MECHANICAL INSTALLATION
FOR CONTROL BOX & HANDSET WITH
MN6004 AND MN6005

M405. 203 /2

Storno

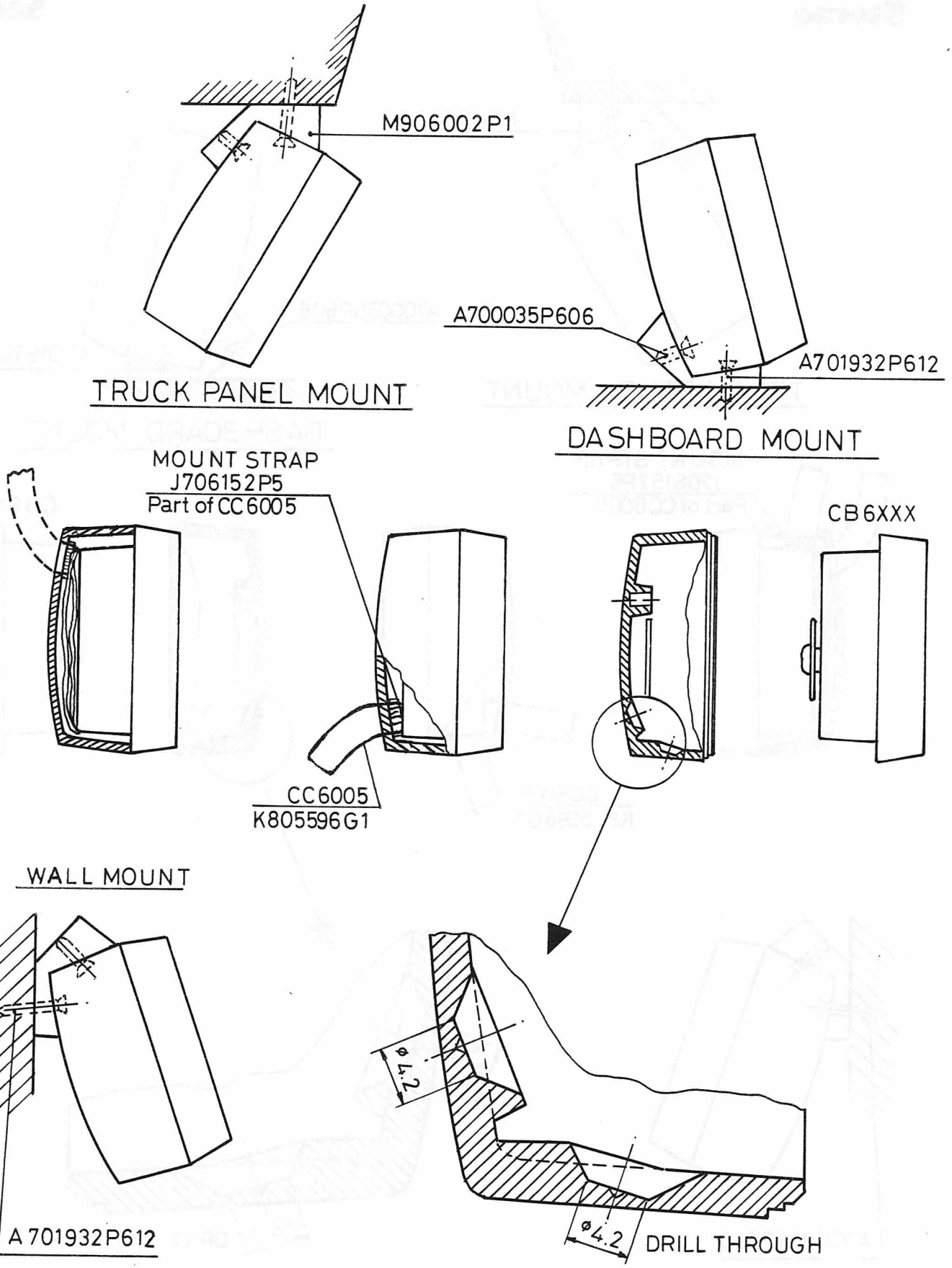






MECHANICAL INSTALLATION
FOR CONTROL BOX & HANDSET WITH
MN6004 AND MN6005

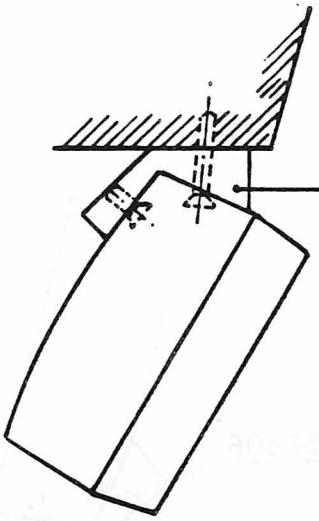
M405. 203



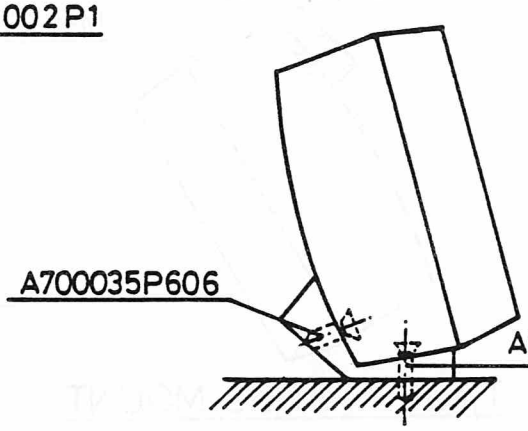
MECHANICAL INSTALLATION
VARIATIONS OF MN6005

M405. 204/2

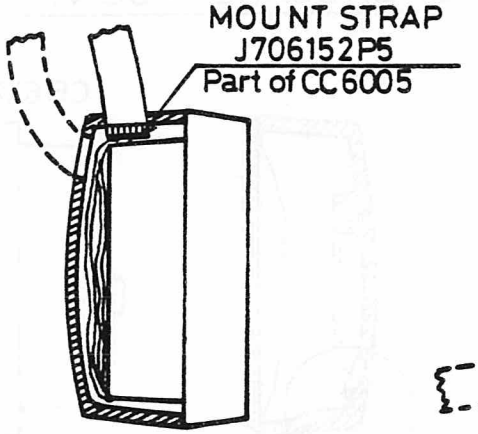
Stornо

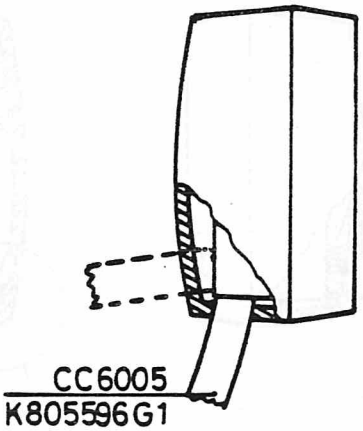


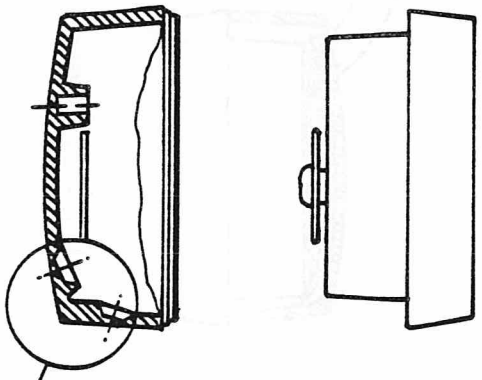
TRUCK PANEL MOUNT

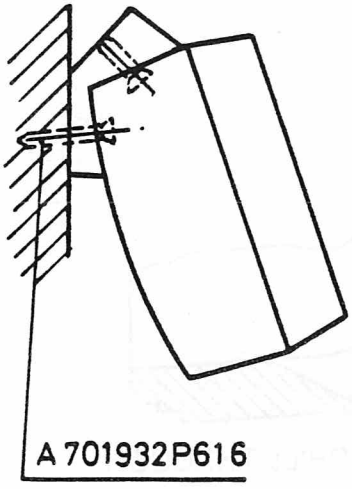


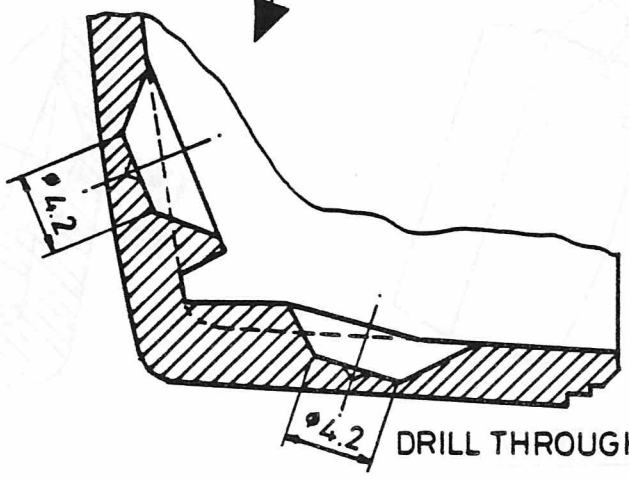
DASHBOARD MOUNT







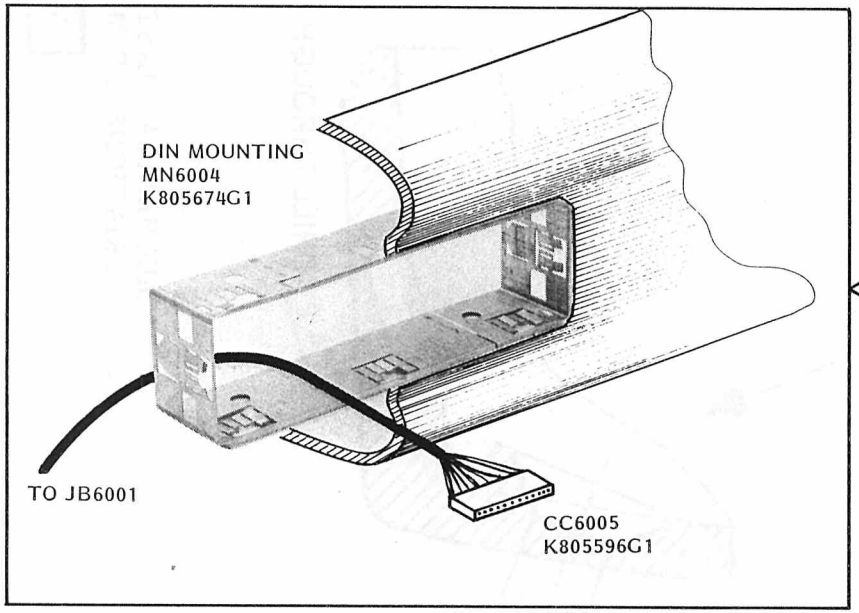


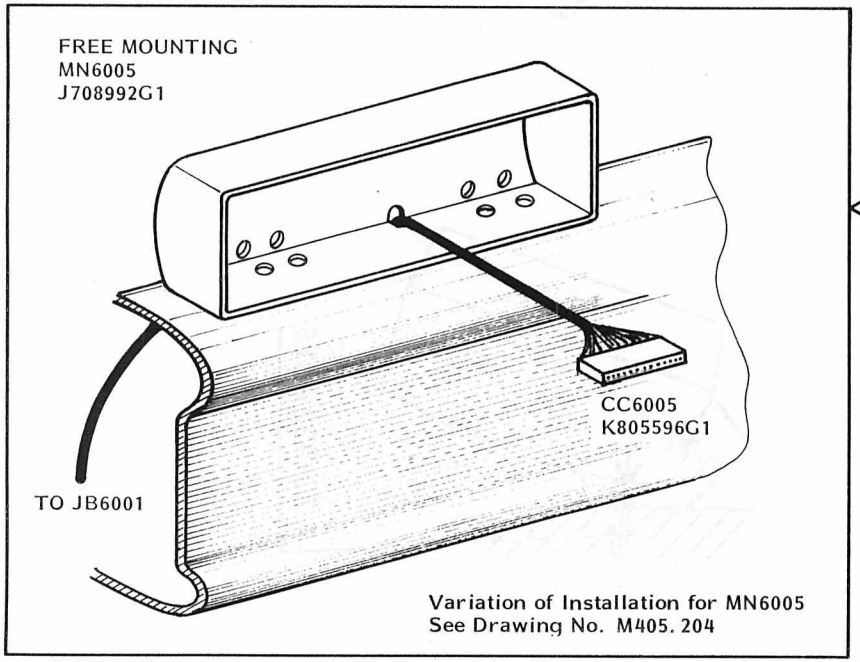


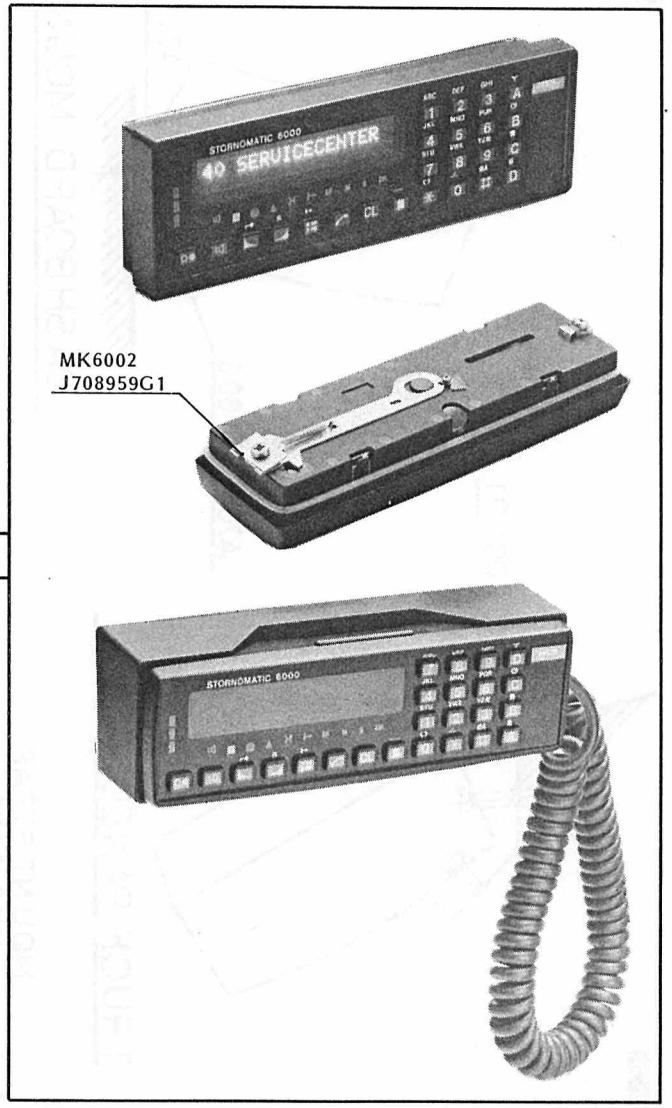
MECHANICAL INSTALLATION
VARIATIONS OF MN6005

Storno

Storno



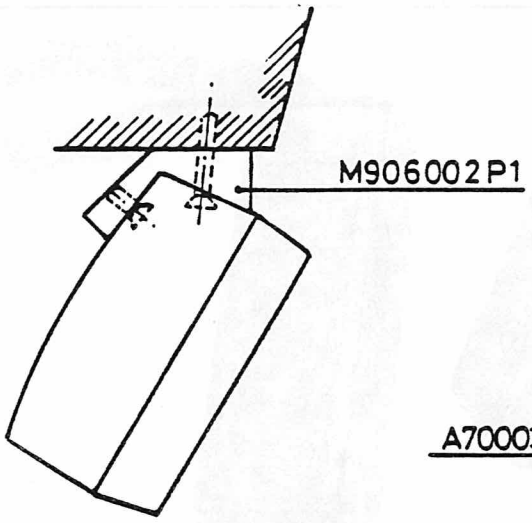




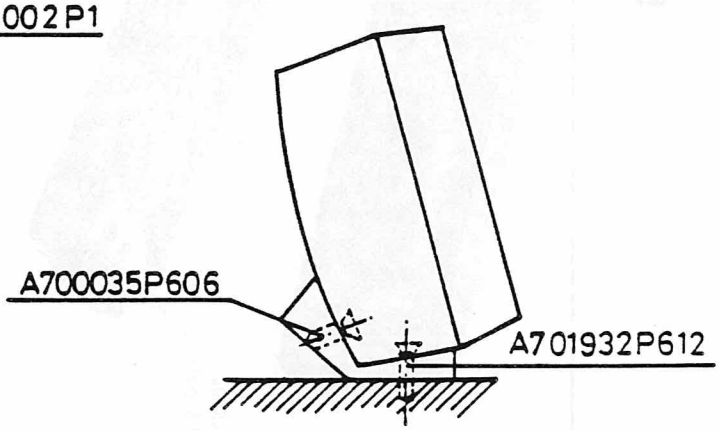
MECHANICAL INSTALLATION
FOR CONTROL BOX & HANDSET WITH
MN6004 AND MN6005

M405. 203

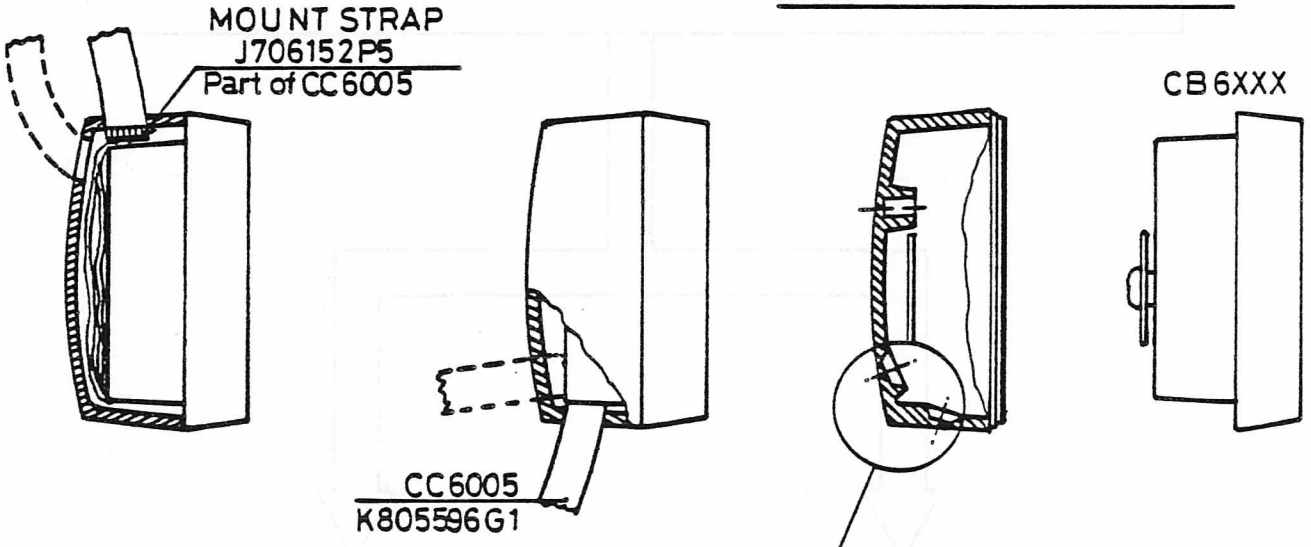
Stornо

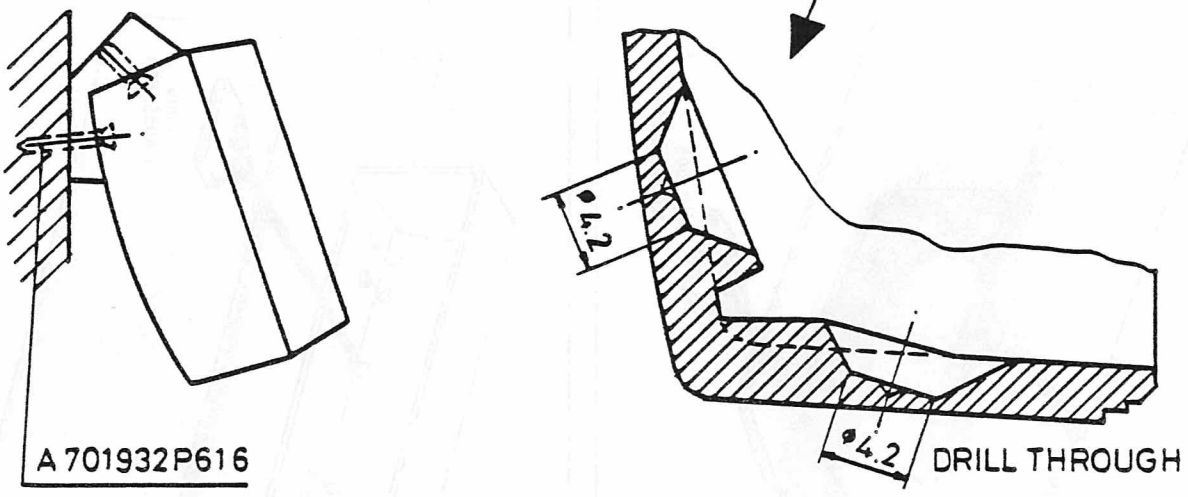


TRUCK PANEL MOUNT



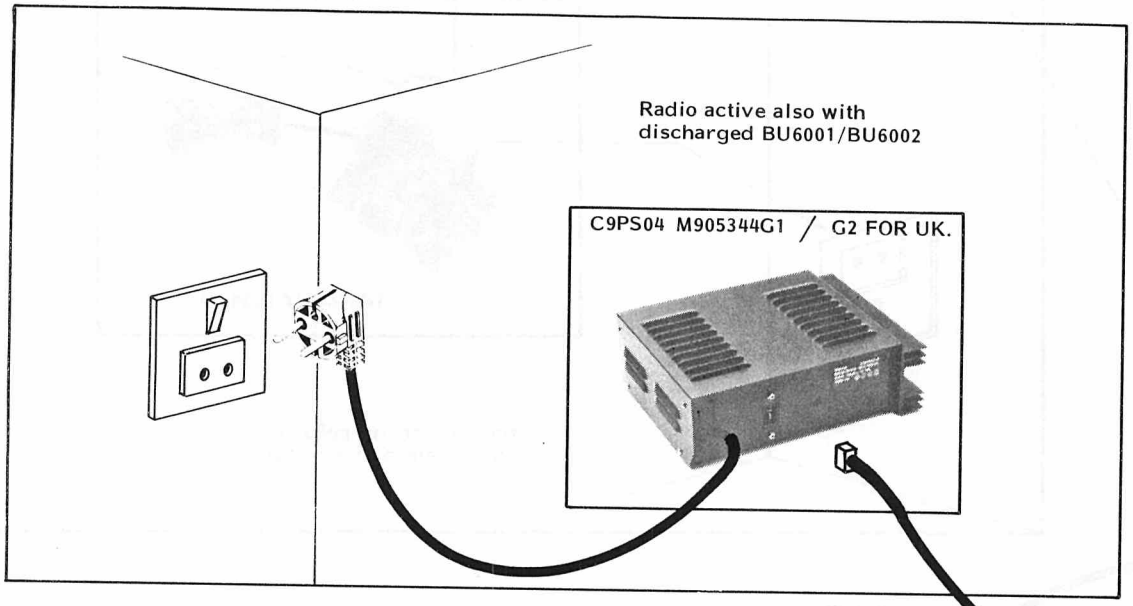
DASHBOARD MOUNT

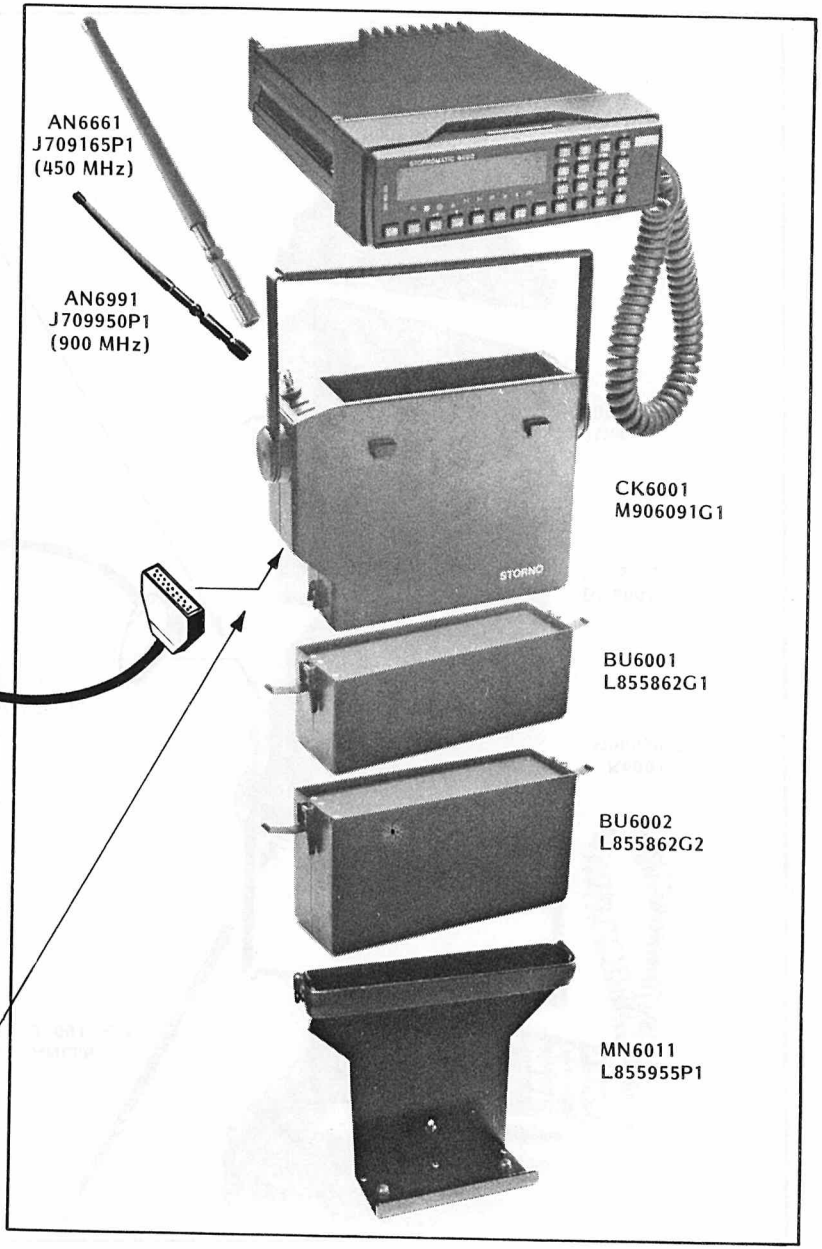




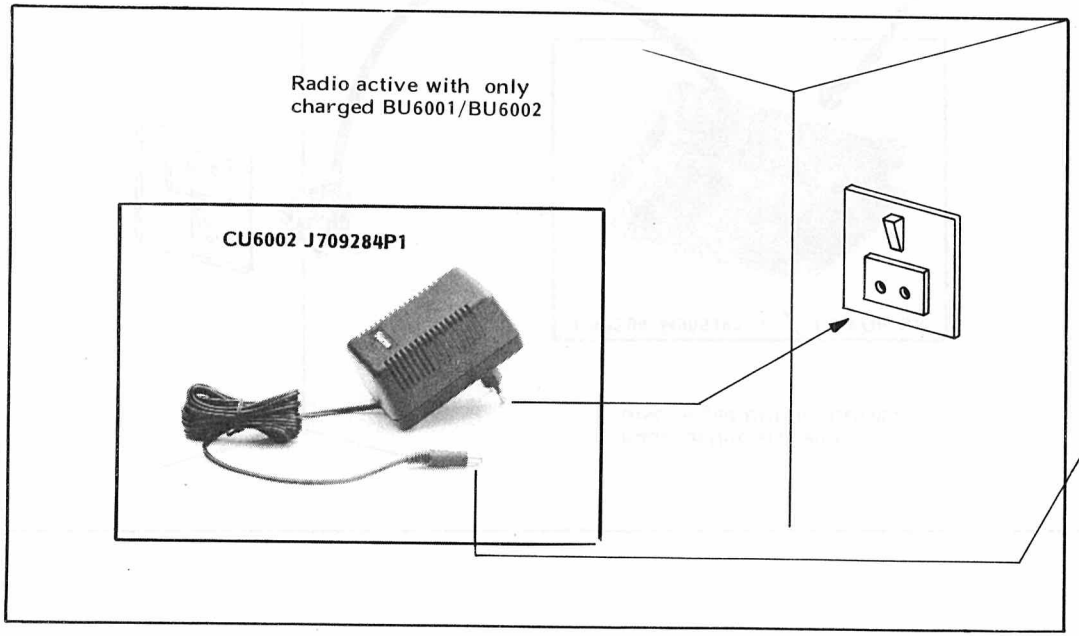
MECHANICAL INSTALLATION
VARIATIONS OF MN6005

M405.204



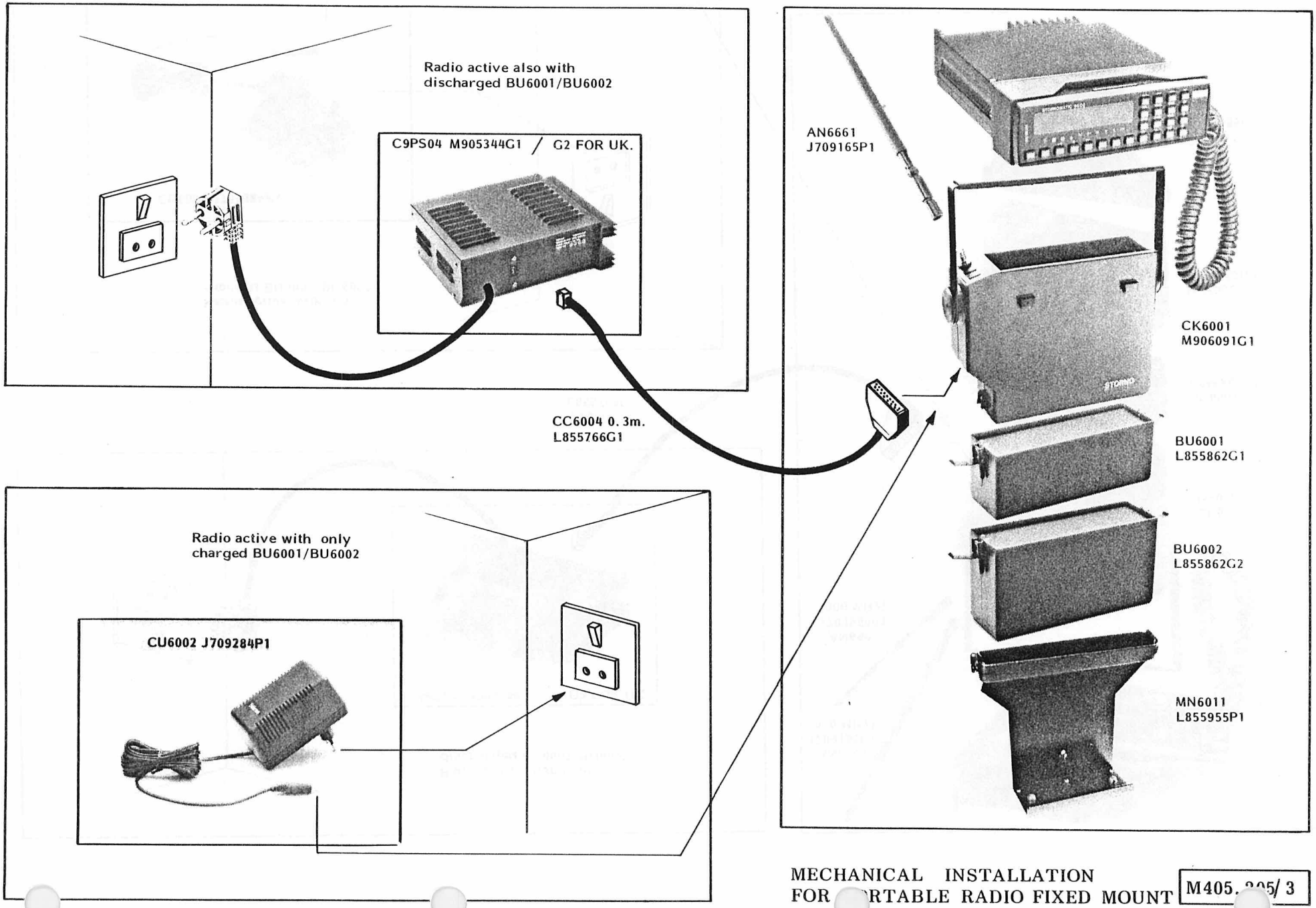


CC6004 0.3m.
L855766G1

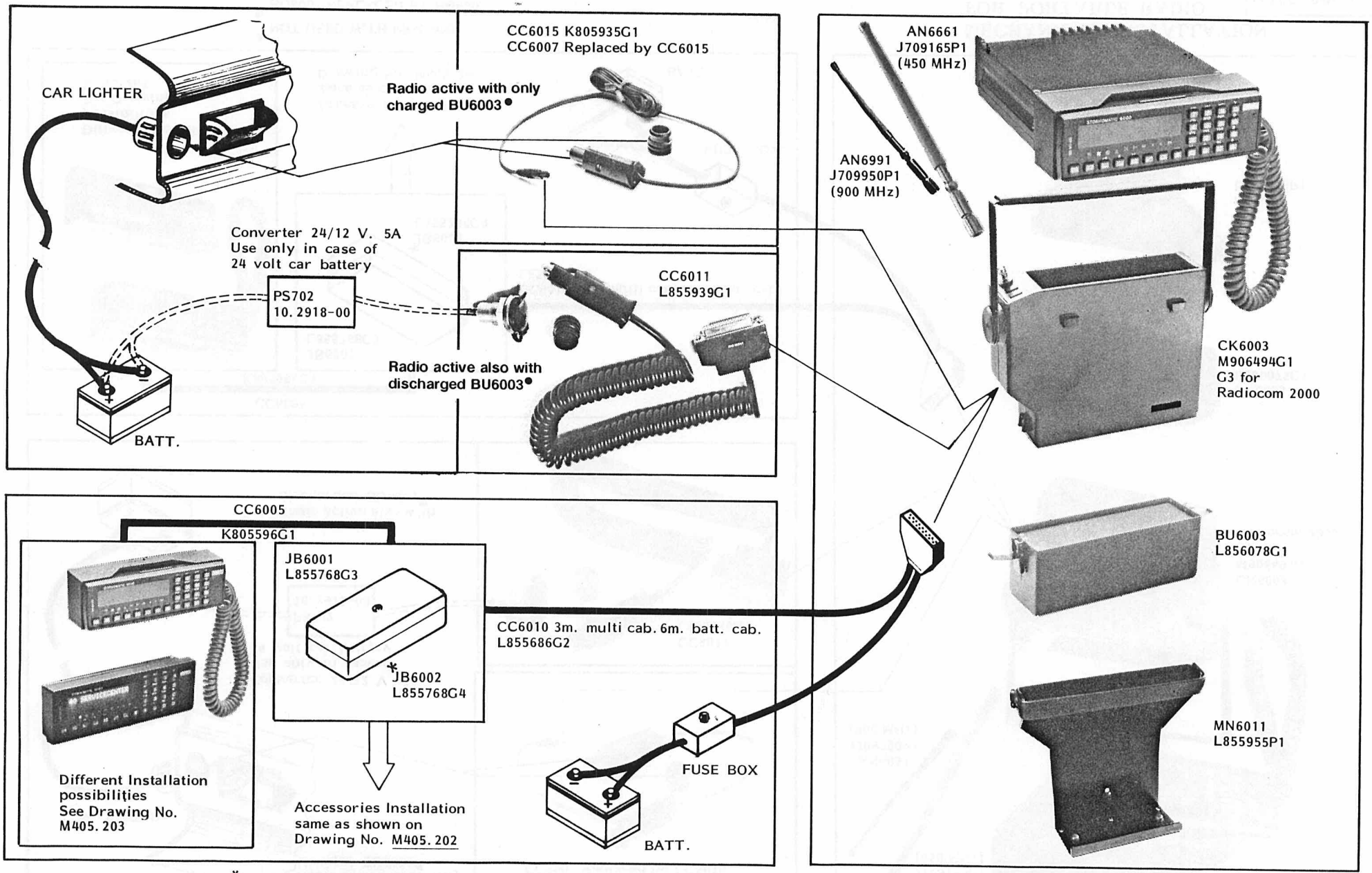


MECHANICAL INSTALLATION
FOR PORTABLE RADIO FIXED MOUNT

M405.205/ 4



MECHANICAL INSTALLATION
FOR PORTABLE RADIO FIXED MOUNT

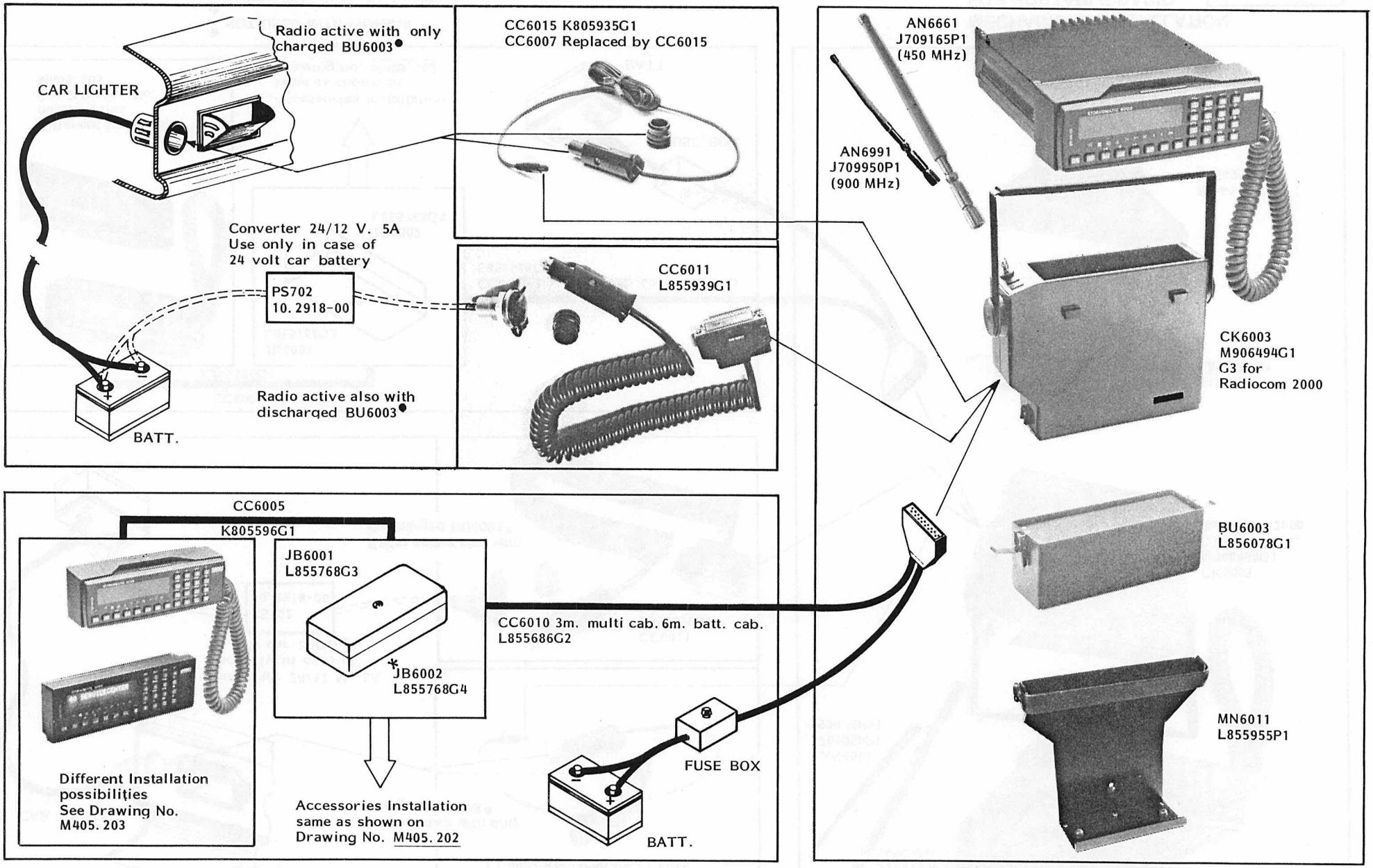


* NOT USED WITH PRM6000

● BU6001 REPLACED BY BU6003

MECHANICAL INSTALLATION FOR PORTABLE RADIO CABIN OR TRUNK MOUNT

M405.206/6



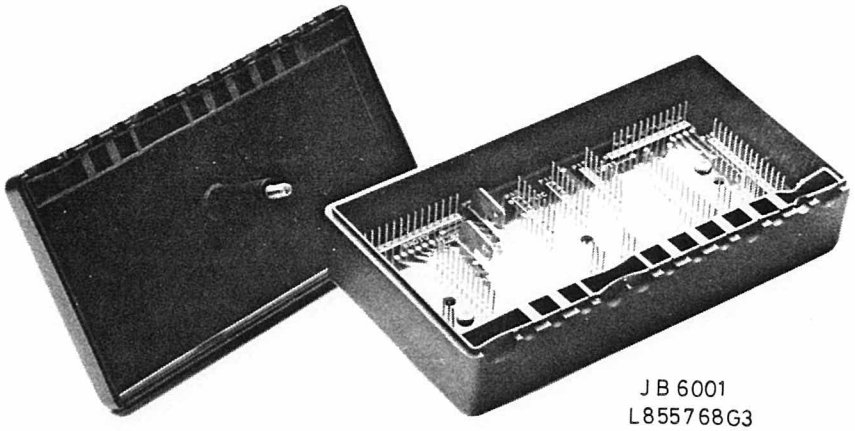
* NOT USED WITH PRM6000

● BU6001 REPLACED BY BU6003

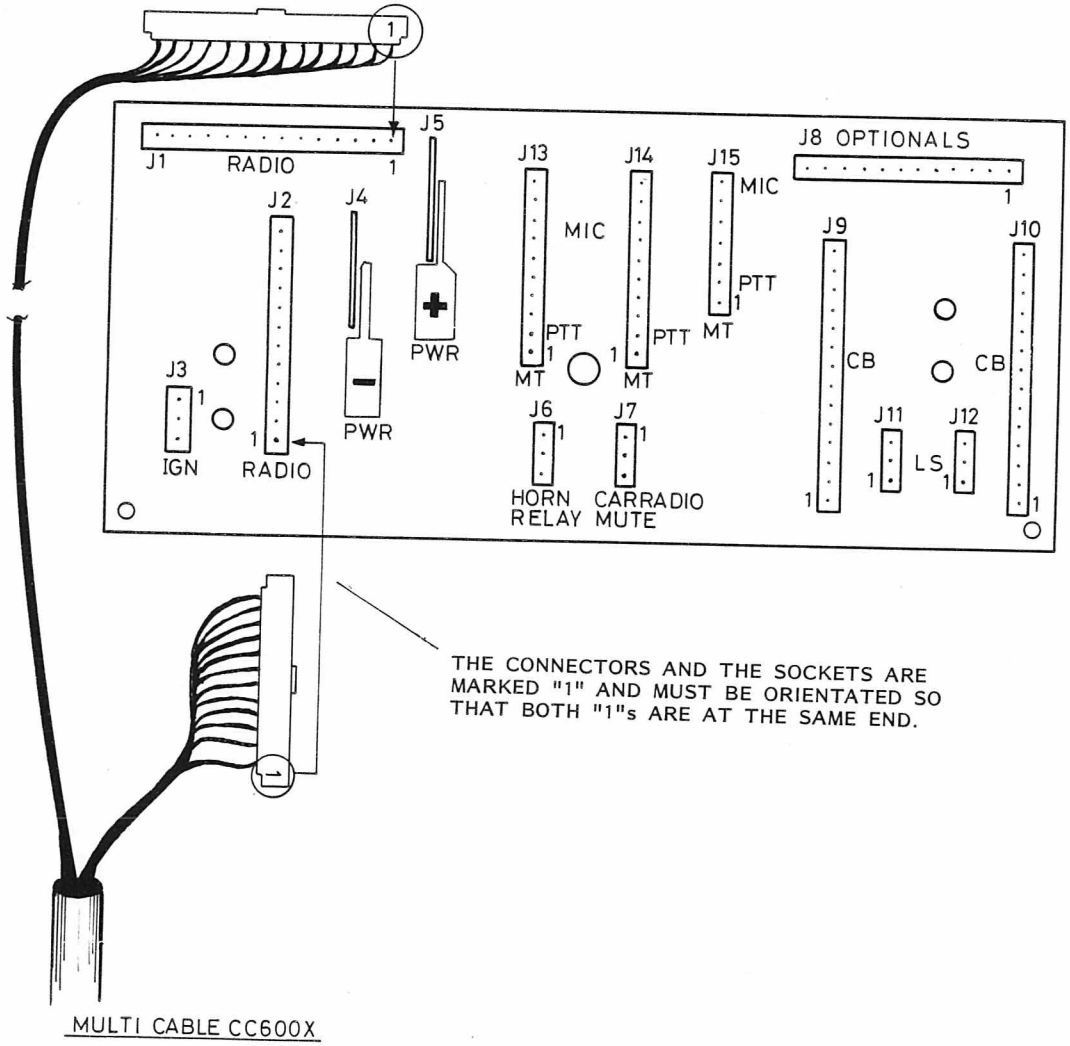
MECHANICAL INSTALLATION
FOR PORTABLE RADIO
CABIN OR TRUNK MOUNT

M405.206/5

Storno

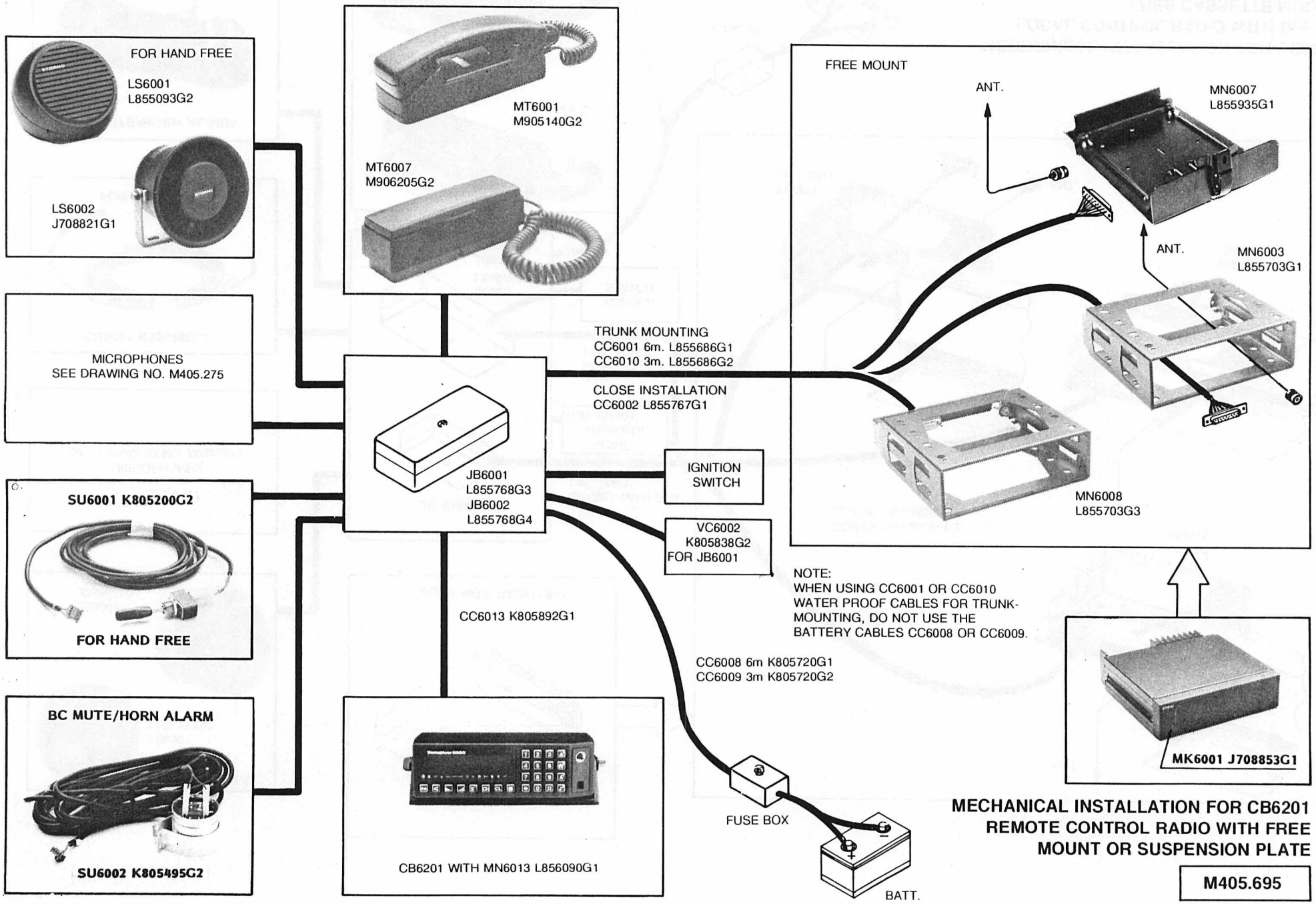


JB 6001
L855768G3



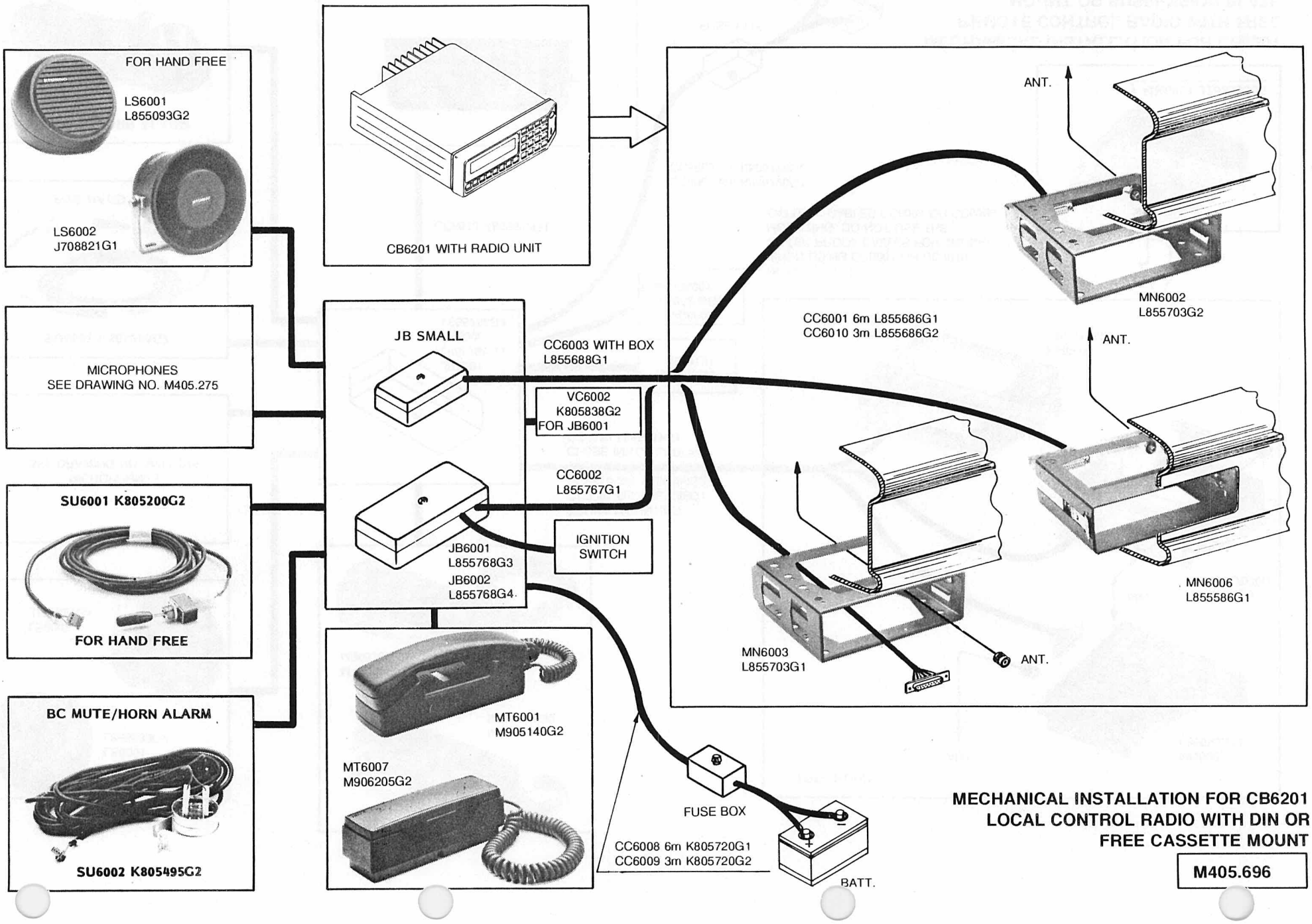
MECHANICAL INSTALLATION JB6001

M405.207/2



MECHANICAL INSTALLATION FOR CB6201 REMOTE CONTROL RADIO WITH FREE MOUNT OR SUSPENSION PLATE

M405.695

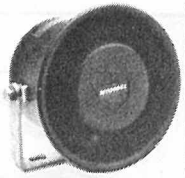


MECHANICAL INSTALLATION FOR CB6201 LOCAL CONTROL RADIO WITH DIN OR FREE CASSETTE MOUNT

M405.696

FOR HAND FREE

LS6001
L855093G2



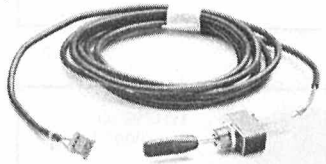
LS6002
J708821G1

MT6001
M905140G2

MT6007
M906205G2

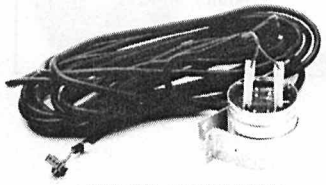
MICROPHONES
SEE DRAWING NO. M405.275

SU6001 K805200G2

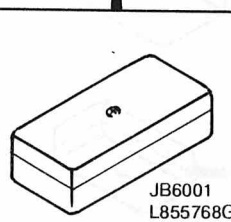


FOR HAND FREE

BC MUTE/HORN ALARM



SU6002 K805495G2



JB6001
L855768G3
JB6002
L855768G4

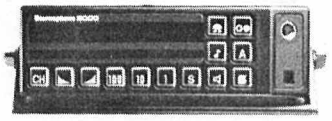
TRUNK MOUNTING
CC6001 6m. L855686G1
CC6010 3m. L855686G2

CLOSE INSTALLATION
CC6002 L855767G1

IGNITION
SWITCH

VC6002
K805838G2
FOR JB6001

CC6013 K805892G1



CB6202 WITH MN6013 L856090G1

CC6008 6m K805720G1
CC6009 3m K805720G2

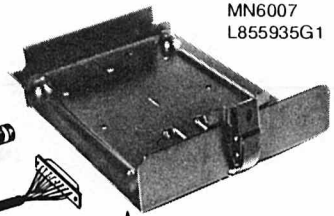
FUSE BOX

BATT.

FREE MOUNT

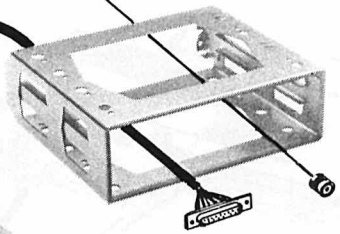
ANT.

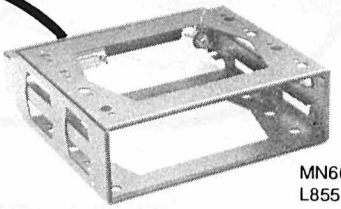
MN6007
L855935G1



ANT.

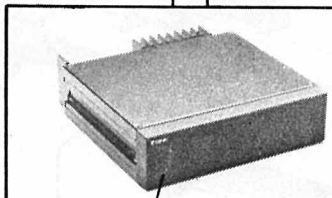
MN6003
L855703G1





MN6008
L855703G3

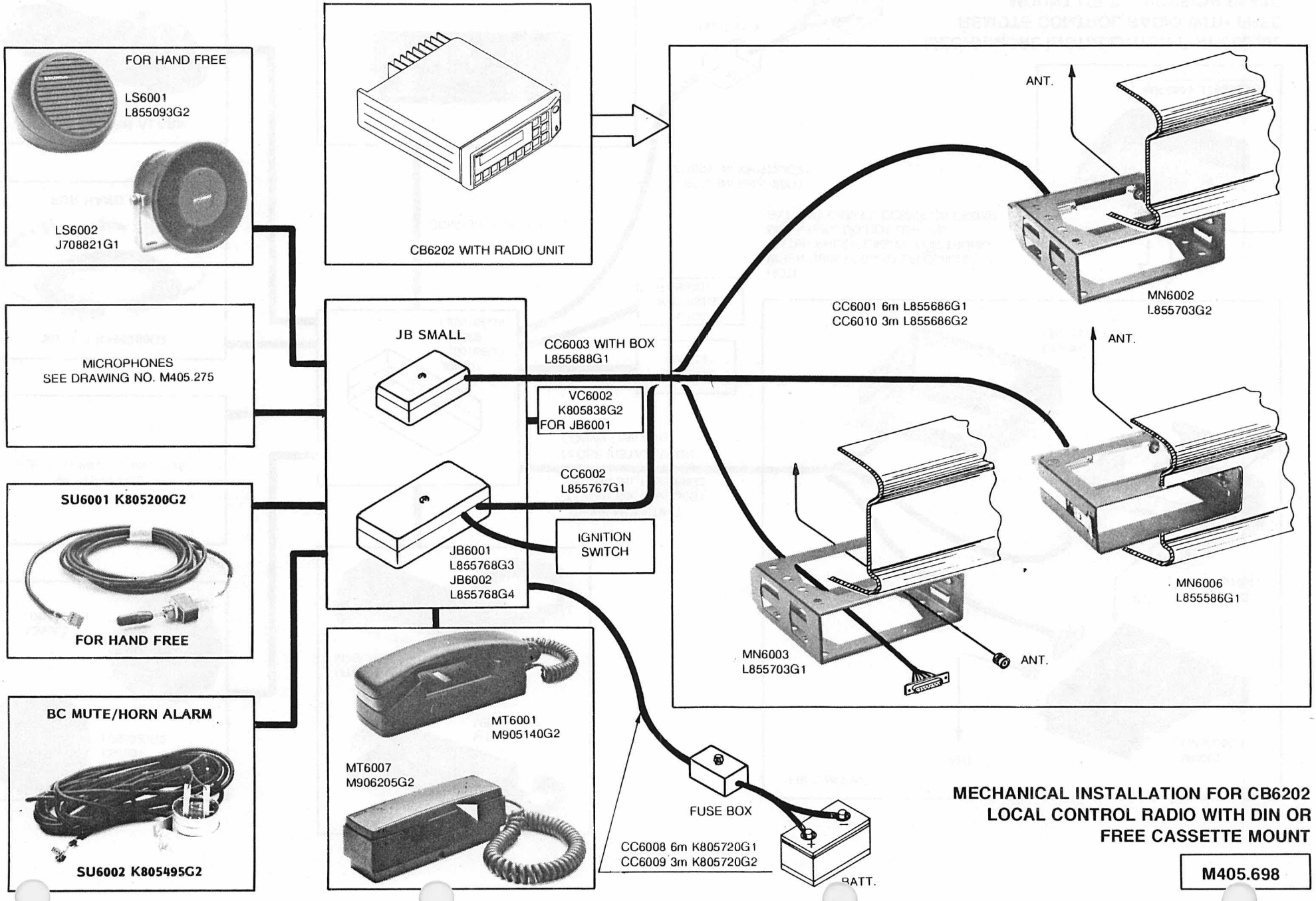
NOTE:
WHEN USING CC6001 OR CC6010
WATER PROOF CABLES FOR TRUNK-
MOUNTING, DO NOT USE THE
BATTERY CABLES CC6008 OR CC6009.



MK6001 J708853G1

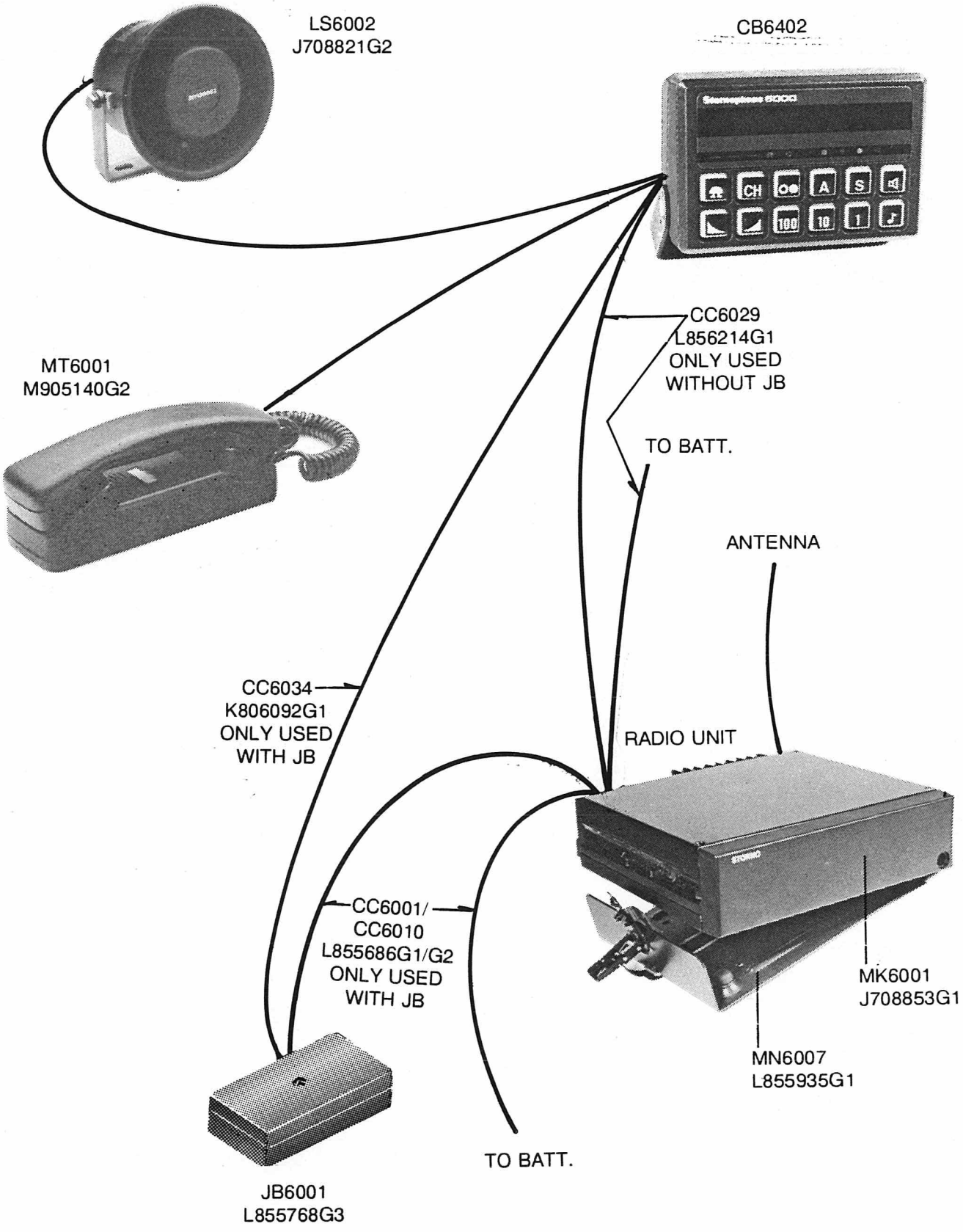
MECHANICAL INSTALLATION FOR CB6202 REMOTE CONTROL RADIO WITH FREE MOUNT OR SUSPENSION PLATE

M405.697



MECHANICAL INSTALLATION FOR CB6202 LOCAL CONTROL RADIO WITH DIN OR FREE CASSETTE MOUNT

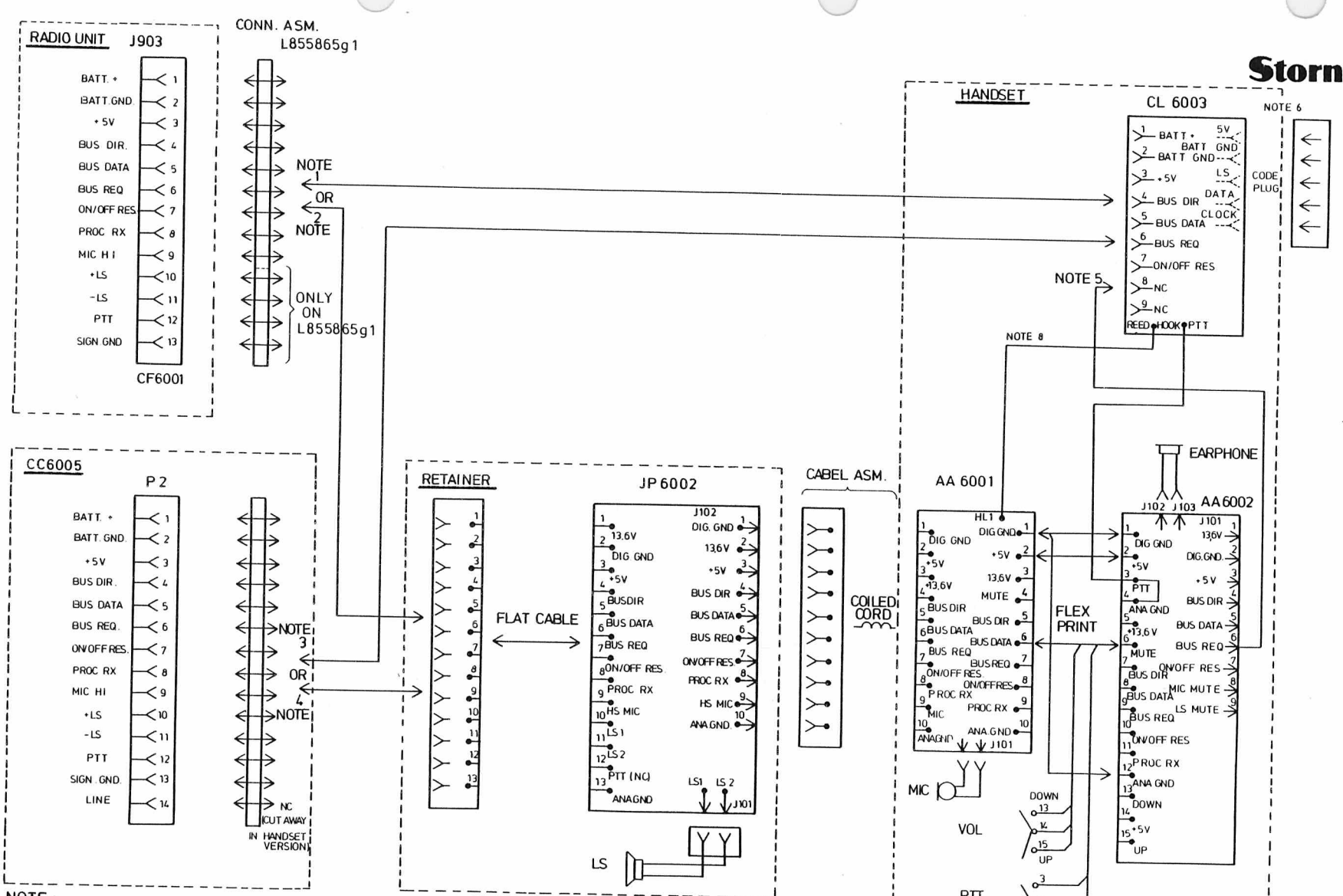
M405.698



MECHANICAL INSTALLATION FOR CB6402
MOTORCYCLE VERSION

M405.699

Storno



NOTE :

1. CONTROL PANEL VERSION.
2. HANDSET VERSION.
3. REMOTE CONTROL PANEL VERSION.
4. REMOTE HANDSET VERSION.
5. HANDSET VERSION.
6. CODE PLUG ONLY USED IN CODE PLUG VERSION.
7. THE FOLLOWING NAMES STANDS FOR THE SAME:
   BATT.+ ~ 13.6V
   BATT.GND ~ DIG. GND.
   MIC. $\overline{EN}$ ~ MIC. MUTE
   LS $\overline{EN}$ ~ LS MUTE
   +LS ~ LS1
   -LS ~ LS2
   SIGN. GND. ~ ANA. GND.
   MIC. HI ~ HS MIC ..
8. WIRE FOR HOOK SWITCH. SOLDERED ON CL 6003 AND AA6001.

CQM6000
INTERCONNECTION DIAGRAM CB/RADIO

D404.310

ACCESSORIES

ACCESSORIES

- Presentation and code numbers
* Batteries
* Cables
* Cabinet/Portable
* Code Plugs
* Chargers
* Microphone supports
* Junction boxes
* Loudspeakers
* Microphones
* Mounting devices
* Microtelephones
* Power supplies
* Switching units

STORNOPHONE 6000

ACCESSORIES

AN6111 J709947P1
Stainless steel whip antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 136 - 160 MHz

AN6112 J709947P2
Stainless steel whip antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 150 - 174 MHz

AN6331 J709949P1
Stainless steel whip antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 66 - 76 MHz

AN6332 J709949P2
Stainless steel whip antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 72 - 82 MHz

AN6333 J709949P3
Stainless steel whip antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 78 - 88 MHz

AN6664 J709165P4
Rubber antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 403 - 440 MHz

AN6665 J709165P5
Rubber antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 430 - 470 MHz

AN6771 J709948P1
Stainless steel whip antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 174 - 200 MHz

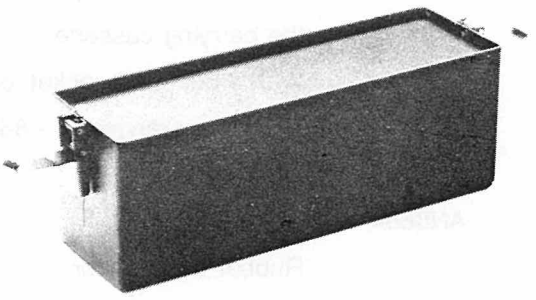
AN6772 J709948P2
Stainless steel whip antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 190 - 215 MHz

AN6773 J709948P3
Stainless steel whip antenna for the carrying cassette.
With a ball- and socket joint.
Frequency range: 200 - 225 MHz

BU6001 L855862G1
Battery for CK6001.
NiCd battery 12 Volts, 4 Ah.
Size 73x200x63 mm. Weight: 1.6 kg.

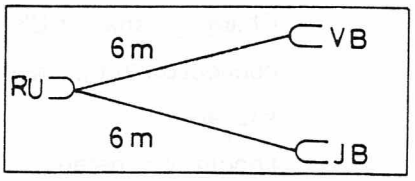
BU6002 DELETED

BU6003 L856078G1
Battery for CK6003.
11 NiCd battery 12 Volts, 4 Ah.
Size 77x200x69 mm. Weight: 1.9 kg.



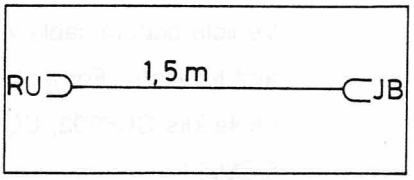
CC6001 L855686G1

Heavy-duty cable kit.(Weatherproof IP 54) Used for connecting the radio unit (R) the vehicle battery (B) and a junction box (JB). Fuse box is included.



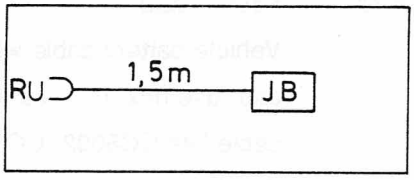
CC6002 L855767G1

Cable kit used for connecting the radio (R) and a junction box (JB).



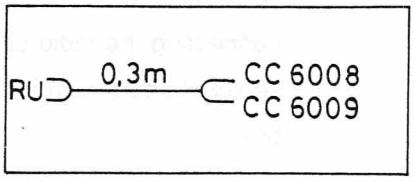
CC6003 L855688G1

Comprehensive cable kit. Includes a small junction box with connections for: A horn relay, an entertainment radio mute relay, a loudspeaker, a handset /or microphone (fixed or hand), and a push-to-talk switch.



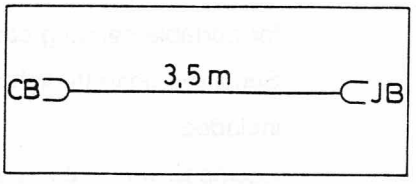
CC6004 L855766G1

Cable kit used for connecting a vehicle battery cable (CC) to the radio (R) in an integrated installation.



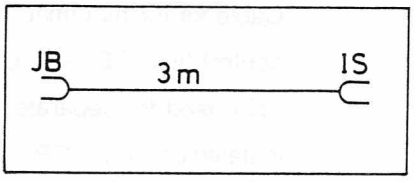
CC6005 K805596G1

Cable kit used for connecting a separate control box (CB) to a junction box. Used when changing an integrated into a separate installation.



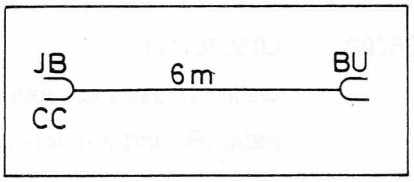
CC6006 K805713G1

Ignition switch cable. Used for connecting a junction box (JB) to the ignition switch (IS).

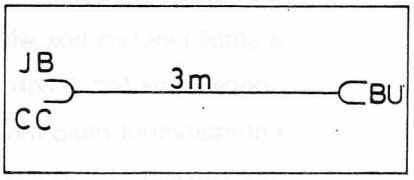


CC6007 K805736G1 replaced by CC6015
Charging cable for CK6001 with connection to the cigar lighter socket.
Length: 2.5 meters

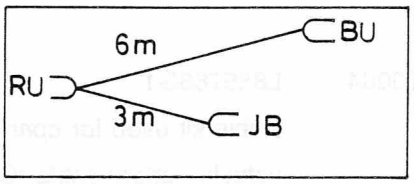
CC6008 K805720G1
Vehicle battery cable with fuses and fuse box. For use with the cable kits CC6002, CC6003 and CC6004.



CC6009 K805720G2
Vehicle battery cable with fuses and fuse box. For use with the cable kits CC6002, CC6003 and CC6004.

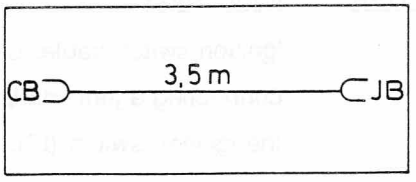


CC6010 L855686G2
Heavy-duty cable kit. (Weatherproof IP 54). Used for connecting the radio unit, the vehicle battery, and a junction box.



CC6011 L855939G1
Cable for supply from lighter plug for portable carrying cassette. Separate cigarette lighter jack included.
Equipped with a 2 m cable.

CC6013 K805892G1
Cable kit for mounting between control box (CB) and junction box (JB) used for separate installation of the CB. The cable consists of a 3.5 m. multicable and two 14 pin connectors.



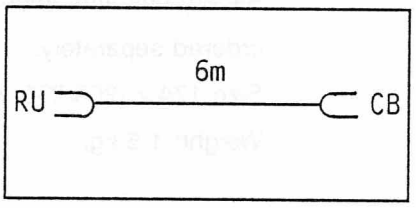
CC6015 K805935G1

Charging cable for CK6003 with connection to the cigar lighter socket.

Length: 2.5 meters

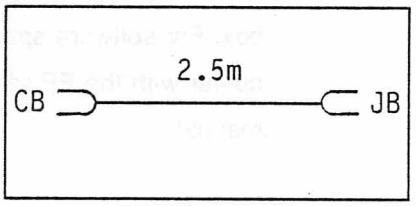
CC6029 L856214G1

Heavy-duty cable kit (waterprof IP54). Used for connecting the radio unit (R) with the control box CB6402 (CB). The cable consists of a housing, a 25 pin D-connector, a 15 pin D-connector, 6 m power cable, a gasket and two screws and a fuse box with 2 pcs. 8 A fuses.



CC6034 K806092G1

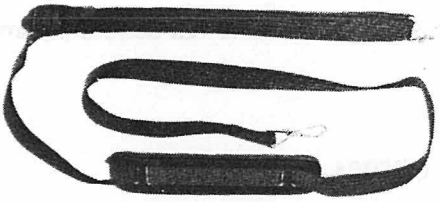
Heavy-duty cable kit for mounting between the control box CB6402 (CB) and the junction box JB6001 (JB). Used for separate installation of the CB. The cable consists of a 2.5 m mulitcable, a 15 pin D-connector, and a 14 pin connector.



CK6001 DELETED, replaced by CK6003

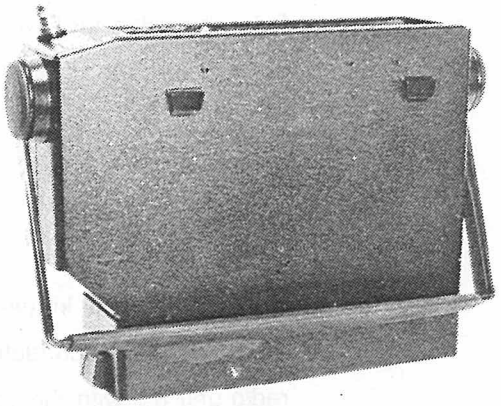
CK6002 K805755G1

Shoulder strap in black nylon for mounting on the carrying cassette.



CK6003 M906494G1

Carrying casette. Can only be used in conjunction with an integrated installation with a handset control box, with handle and plastic top.
Delivered with a built-in charging circuitry for the battery unit.
Supply: 10-32 Volts.
Battery unit and antenna must be ordered separately.
Size 174 x (200/230) x 63 mm
Weight: 1.5 kg.

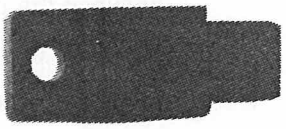


CS6001 J709581G1

Internal code plug for control box, small.

CS6001 J709581G5

Code plug. Only simple control box. For software specification, confer with the EF software manual.



CS6002 J709581G2

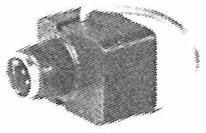
Internal code plug for control box, big

CS6003 L855909G1

External code unit, small, used in JB6002.

CS6004 L855909G2

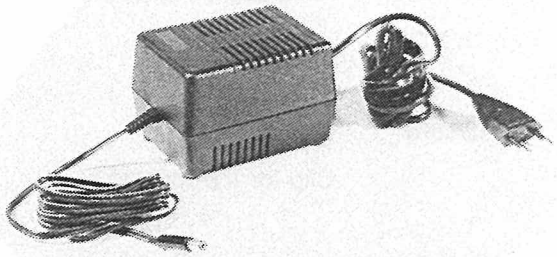
External code unit, big, used in JB6002.



CS6005 L856098G2

Code plug

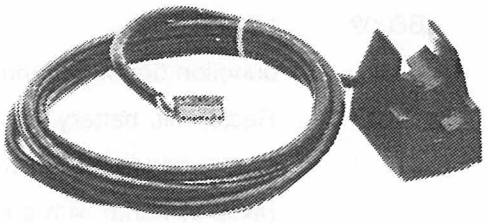
CU6002 J709284P1 Replaced by CU6005
Wall outlet charger for CK6001, pocket calculator type, 220V AC/12 V DC, 0.7A



CU6005 K805962G2 (UK: J710238P1)
Wall outlet charger for CK6003, pocket calculator type, 220V AC/12 V DC, 0.7A (UK: AC/18 VDC, 1.5A)

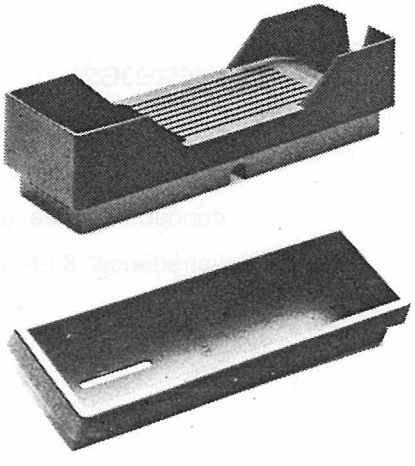
C9PS04 M905344G1 (UK:M905344G2)
Charger and power supply for carrying cassette. Capable of driving the radio unit even with unloaded batteries. Desktop use.
220 Volts 7 Amp.
Size: 240 x 185 x 85 mm
Weight: 4.5 kg

HS6001 K805028G5
Hanger without a hook switch, for MC6001 and MC6002.
Cable: 2.5 m



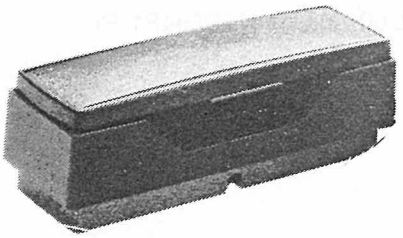
HS6002 K805028G6
Hanger with a hook switch, for the MC6001 and the MC6002.
Cable: 2.5 m.

HS6003 M906063G2
Separate cradle with a built-in loudspeaker. Used in conjunction with the portable version. Cable (3.5 meters) with a connector for a junction box is included.

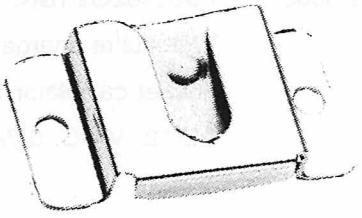


M905787G1
Standard frame. For reinstallation orders only.

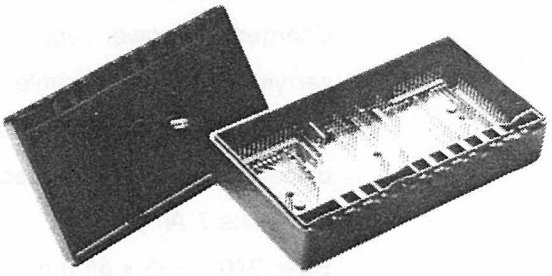
CB6Y10DL
Handset enclosure. For reinstallation orders only.



HS5001 J708850P1
Clip for the MC6003.



JB6001 L855768G3
Junction box with connections for: Radio unit, battery, two control boxes, two handsets or two microphones (fixed or hand) with two push-to-talk switches, two loudspeakers, a horn alarm, BC mute, ignition switch and system expansion and space for CS6003/CS6004.
Dimensions: 142 x 80 x 42 mm.



JB6002 L855768G4
Junction box with connection for: Radio unit, battery, two control boxes, handset or microphone (fixed or hand) with push-to-talk switch, loudspeaker, horn alarm, BC mute, ignition switch and system expansion.
Dimensions: 142 x 80 x 42 mm.

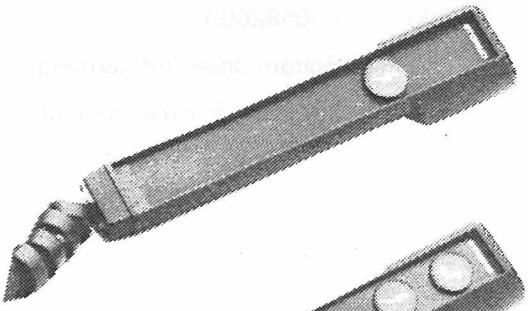
LS6001 K855093G2
5 watt ball shaped loudspeaker. Delivered with 2.5 m cable with connector to the junction box.
Impedance: 8 ohms

LS6002 J708821G1

7 watt water-proof loudspeaker.
Delivered with 5 m cable with
connector to the junction box.
Impedance: 8 ohms

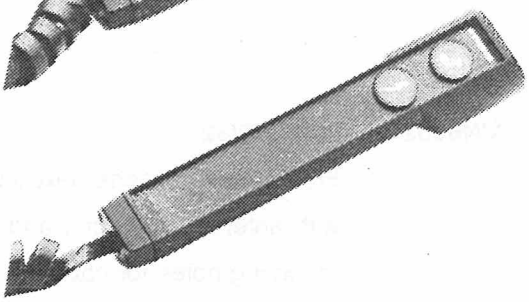
MC6001 L855903G4

Hand microphone. Cylindrical
shape, non-directional close talk.
With push-to-talk button and
coiled cord.



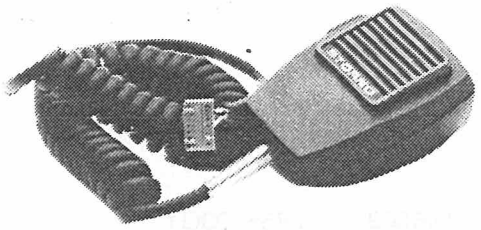
MC6002 L855903G5

Hand microphone. Cylindrical
shape, non-directional close talk.
With push-to-talk button,
tone-button and coiled cord.



MC6003 J708655P1

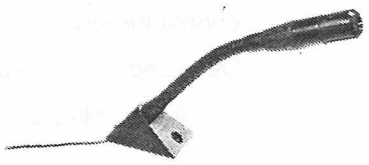
Fist microphone. With push-to-talk
button and coiled cord.



MC6004 Replaced by MC6005

MC6005 L855959G1

Fixed microphone with 10 cm goose
neck for "handsfree" operation.
Cord length: 2.5 m

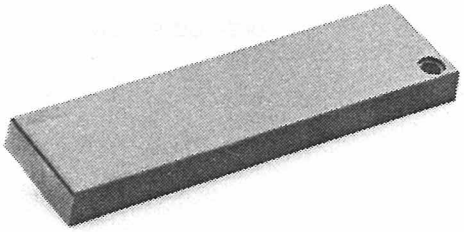


MC6006 K805894G1 (see MC6003)

Fist microphone. With push-to-talk
button and coiled cord.

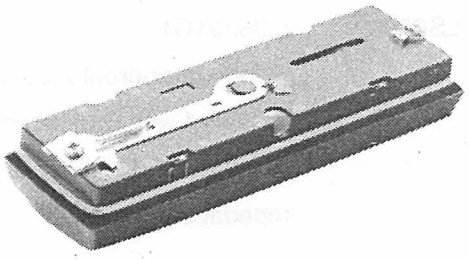
MK6001 J708853G1

Plastic front cover for the
handset control box.
For reinstallation orders only.



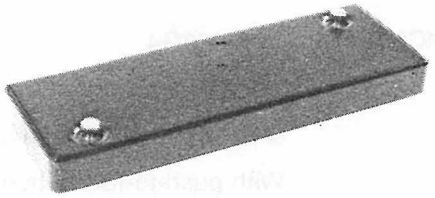
MK6002 J708959G1

Locking device. Must be ordered in a separate installation with a simple control box in the DIN cut-out or in the housing from MN6005.



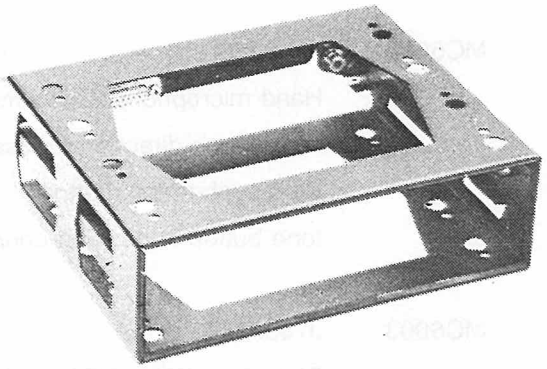
MK6003 K805826G1

Bottom cover for carrying cassette. For use without battery.



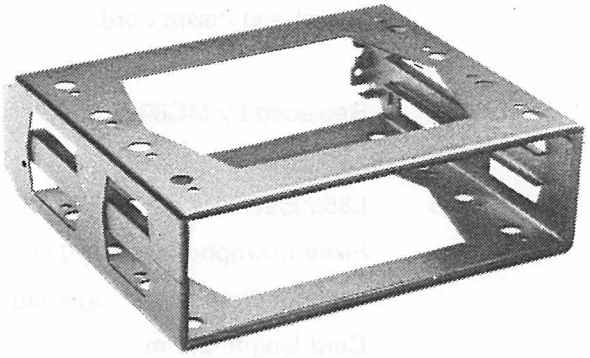
MN6002 L855703G2

Free-mount cassette. Fixed bracket with antenna connector and mounting holes for cable kit and connector.



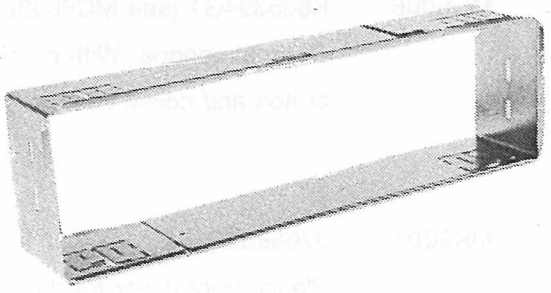
MN6003 L855703G1

Free-mount cassette without connector strap.
Delivered with a separate antenna connector, plug and lock-washer.



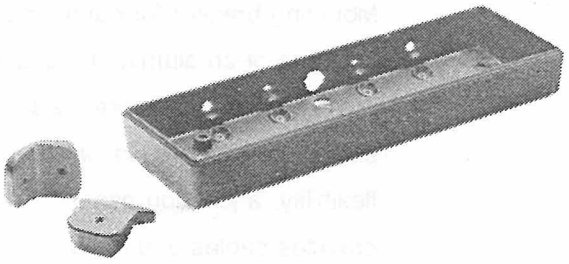
MN6004 K805674G1

Retainer for mounting the control box into the autoradio emplacement.
The control box is locked by means of MK6002, which have to be ordered separately.



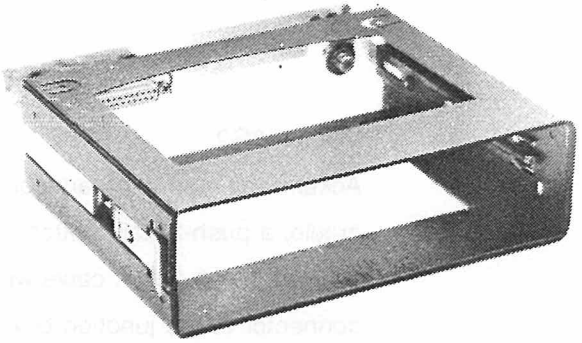
MN6005 J708992G1

Retainer for free-mount control box. Cannot be used with an orientated frame.
If a simple control box is selected, the locking device MK6002, must be ordered as well.



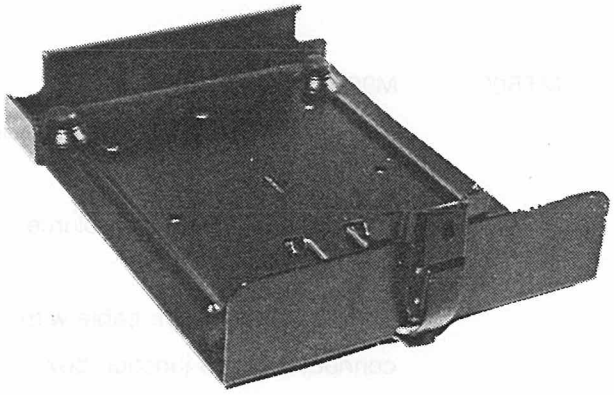
MN6006 L855586G1

Cassette for mounting into the autoradio emplacement. Sliding bracket with antenna connector and mounting holes for cable kit and connector.
If a heavy-duty installation is selected, the connector strap will be removed.



MN6007 L855935G1

Clipboard for separate installation (radio unit in the boot). Equipped with an antenna connector.

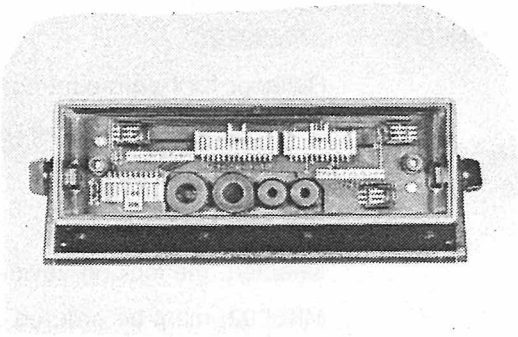


MN6011 L855955P1

Fastening device for carrying cassette.

MN6013 L856090G1

Mounting bracket for control box. Consists of an aluminum rail and two moulded plastic brackets shaped to give high installation flexibility, a junction panel provides cables and radio connections.



MT6001 M905140G2

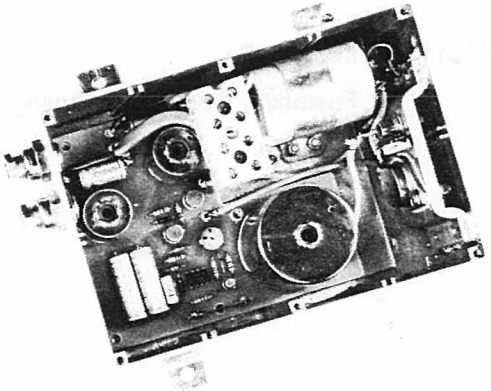
Ackermann standard handset. With a cradle, a push-to-talk switch. Delivered with 2.5 m cable with connector to the junction box.

MT6007 M906205G2

Storno handset. Includes a cradle with a built-in loudspeaker, push-to-talk switch and volume control.
Delivered with 2.5 m cable with connector to the junction box.

PS702 10.2918-00

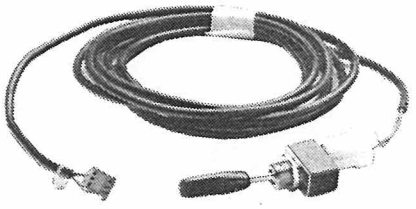
DC converter.
Transform 8 Amp.
(Negative pole to ground)



SU6001 K805200G2

PTT switch. For mounting on the dashboard.

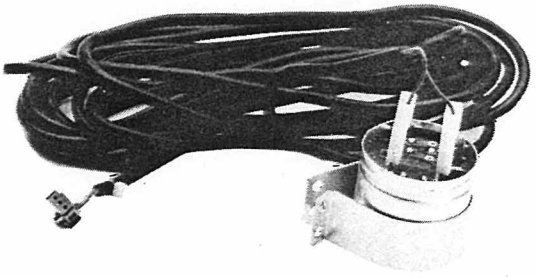
Delivered with 2.5 m cable with connector to the junction box.



SU6002 K805495G2

Horn alarm or BC mute relay.

Cable: 5 m.

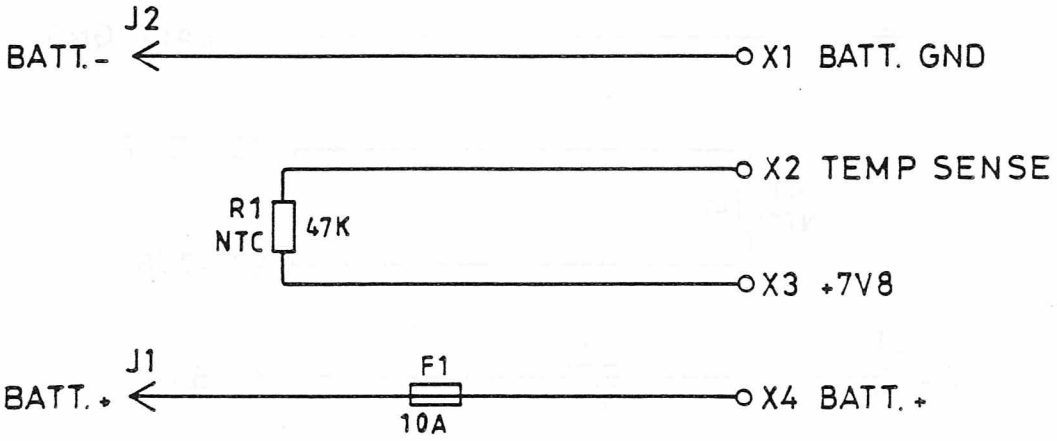


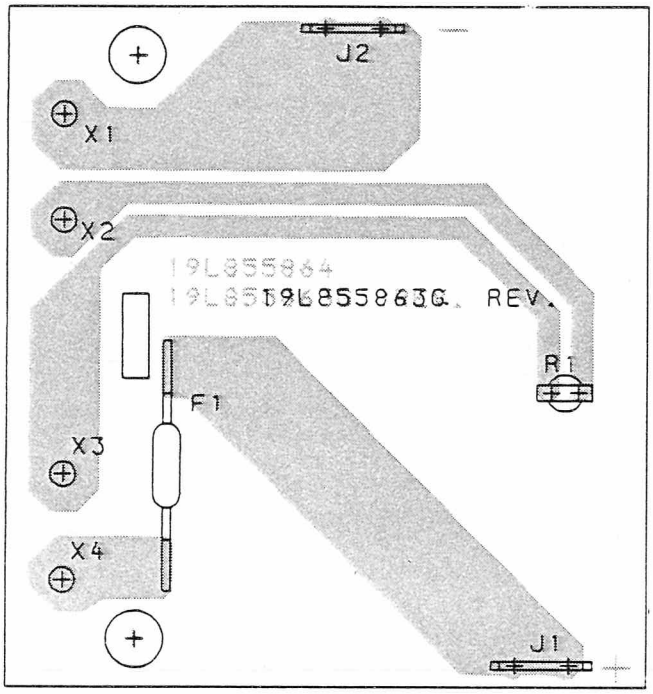
CHAPTER 5

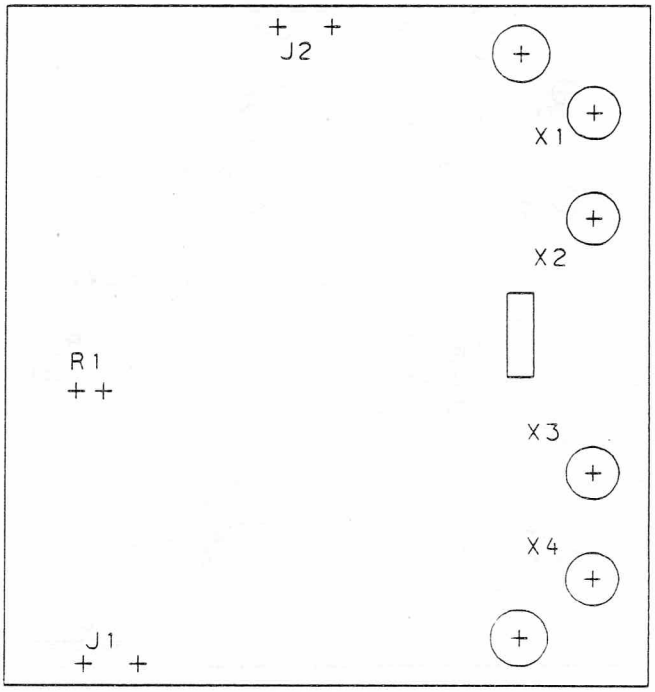
BATTERIES

BATTERIES BU600X :

- BU6001
- BU6002
- BU6003







SOLDER SIDE

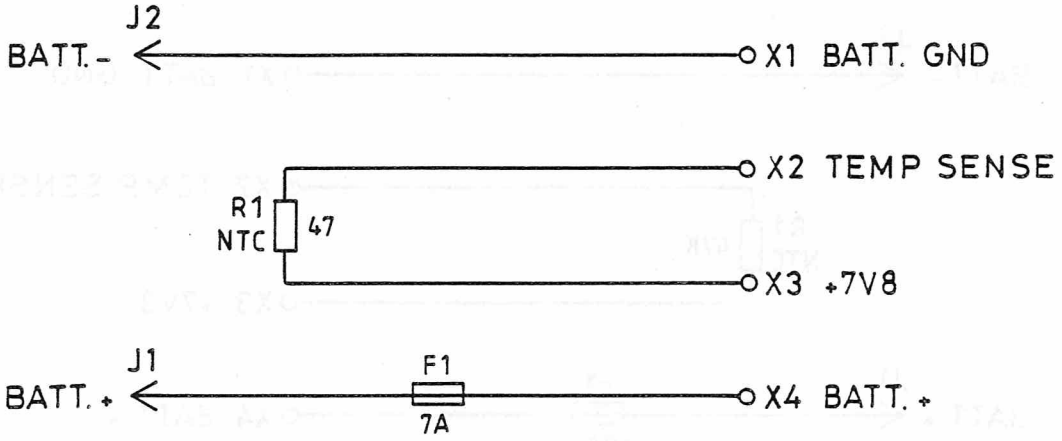
MODUL CODE NO. L855862G1 - BU6001

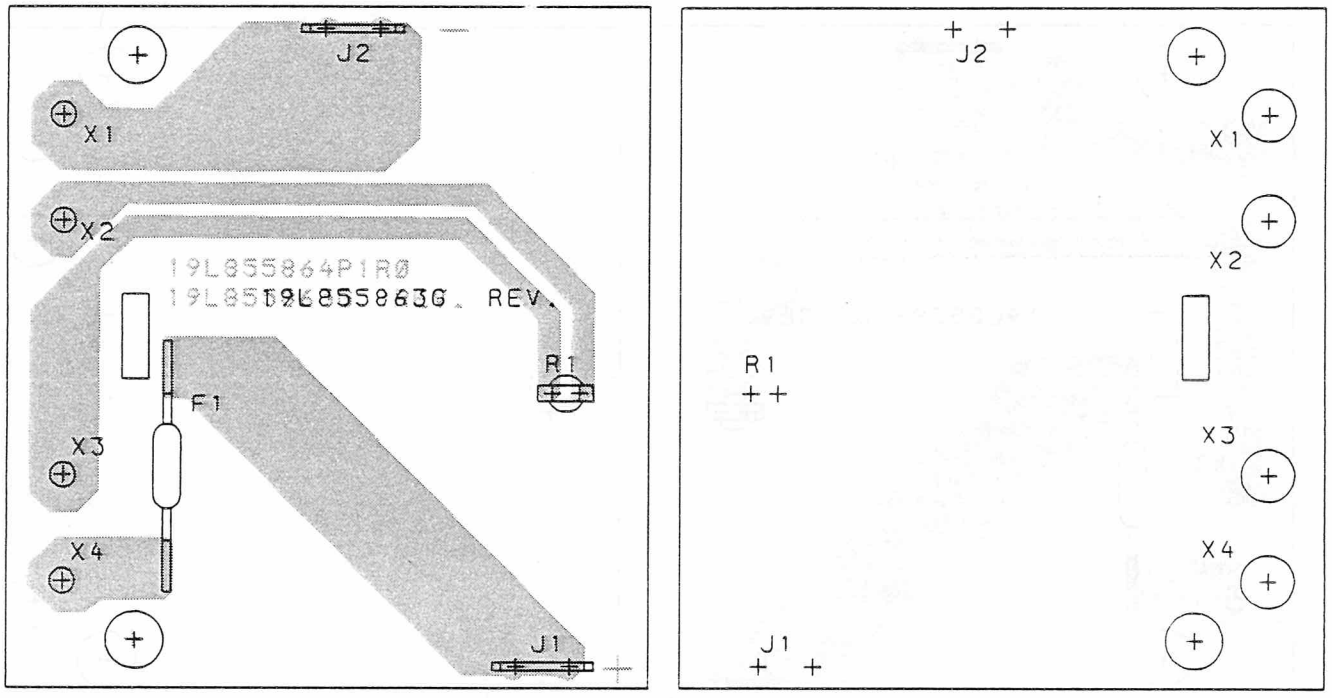
MODUL CODE NO. L855862G2 - BU6002

BATTERY UNIT BU6001/2

D404.388/2

Storno





SOLDER SIDE

MODUL CODE NO. L855862G1 - BU6001

MODUL CODE NO. L855862G2 - BU6002

ITEM NUMBER	DESCRIPTION
L855862G1	BU 6001, NI-CD BATTERY ASM. - 13.2V 4AH
K805793G1	SUB ASM.: CASE RIVETED
K805735G1	SUB ASM.: PLATE ASM
L855863G1	SUB-SUB ASM.: COMPONENT BD ASM

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
0002	K805793G1	CASE, RIVETED-	1	(SEE BELOW)
0005	K805723P1	PLATE, INSULATION-	1	
0006	J709370P1	BATTERY,STOR.- NI-CD, 12V 4AH	1	
0008	K805725P1	FOAM	1	
0009	K805735G1	PLATE ASM	1	(SEE BELOW)
0010	A701932P306	SCREW FL HD SZ 2.9 X 9.5 MM	4	
0011	J709395P1	FOAM	2	
0012	K805772P1	PLATE, FOAM-	2	
0013	K805773P1	PLATE, FOAM-	2	
0002 :	K805793G1 :	CASE RIVETED :		
0002	J709196G1	CASE, PAINTED-	1	
0003	J709369P1	LATCH, TENSION-	2	
0004	J708259P104	RIVET, AL.-	4	
0005	K805722P1	BRACKET	2	
0009 :	K805735G1 :	PLATE ASM :		
A001	L855863G1	COMPONENT BD ASM	1	(SEE BELOW)
0002	K805757G1	PLATE, TEXTED-	1	
A001 .	L855863G1 :	COMPONENT BD ASM., :		
F001	J707468P13	FUSE ENCLOSED LINK 10A	1	
J001	J706683P1	TERM SPADE TAB 6.3MM	1	
J002	J706683P1	TERM SPADE TAB 6.3MM	1	
R001	J707406P15	RES THERM NTC 47K 5%	1	
X001	J709212P1	CONTACT PIN	1	

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
X002	J709212P1	CONTACT PIN	1
X003	J709212P1	CONTACT PIN	1
X004	J709212P1	CONTACT PIN	1
0002	L855864P1R1	BD PW., REVISION NO.: 1	1
0008	J708296P4	SLV INS ELEC PTFE CL R	0,040 M
0009	A700032P1	WASHER LOK TOH D-2.0 MM	4

ITEM NUMBER	DESCRIPTION
L855862G1	BU 6001, NI-CD BATTERY ASM. - 13.2V 4AH
K805793G1	SUB ASM.: CASE RIVETED
K805735G1	SUB ASM.: PLATE ASM
L855863G1	SUB-SUB ASM.: COMPONENT BD ASM

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
0002	K805793G1	CASE, RIVETED-	1	(SEE BELOW)
0005	K805723P1	PLATE, INSULATION-	1	
0006	J709370P1	BATTERY,STOR.- NI-CD, 12V 4AH	1	
0008	K805725P1	FOAM	1	
0009	K805735G1	PLATE ASM	1	(SEE BELOW)
0010	A701932P306	SCREW FL HD SZ 2.9 X 9.5 MM	4	
0011	J709395P1	FOAM	2	
0012	K805772P1	PLATE, FOAM-	2	
0013	K805773P1	PLATE, FOAM-	2	
0002 :	K805793G1 :	CASE RIVETED :		
0002	J709196G1	CASE, PAINTED-	1	
0003	J709369P1	LATCH, TENSION-	2	
0004	J708259P104	RIVET, AL.-	4	
0005	K805722P1	BRACKET	2	
0009 :	K805735G1 :	PLATE ASM :		
A001	L855863G1	COMPONENT BD ASM	1	(SEE BELOW)
0002	K805757G1	PLATE, TEXTED-	1	
A001 .	L855863G1 :	COMPONENT BD ASM., :		
F001	J707468P13 * *	FUSE ENCLOSED LINK 10A	1	
J001	J706683P1	TERM SPADE TAB 6.3MM	1	
J002	J706683P1	TERM SPADE TAB 6.3MM	1	
R001	J707406P5	RES THERM NTC 47K 10%	1	
X001	J709212P1	CONTACT PIN	1	

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
X002	J709212P1	CONTACT PIN	1
X003	J709212P1	CONTACT PIN	1
X004	J709212P1	CONTACT PIN	1
0002	L855864P1R0	BD PW., REVISION NO.: 0	1
0008	J708296P4	SLV INS ELEC PTFE CL R	0,040 M
0009	A700032P1	WASHER LOK TOH D-2.0 MM	4

ITEM NUMBER	DESCRIPTION
L855862G1	BU 6001 ASM, - 13.2V 4AH
K805793G1	SUB ASM.: CASE RIVETED
K805735G1	SUB ASM.: PLATE ASM
L855863G1	SUB-SUB ASM.: COMPONENT BD ASM

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
0002	K805793G1	CASE, RIVETED-	1	(SEE BELOW
0005	K805723P1	PLATE, INSULATION-	1	
0006	J709370P1	BATTERY,STOR.- NI-CD, 12V 4AH	1	
0008	K805725P1	FOAM	1	
0009	K805735G1	PLATE ASM	1	(SEE BELOW
0010	A701932P306	SCREW FL HD SZ 2.9 X 9.5 MM	4	
0011	J709395P1	FOAM	2	
0012	K805772P1	PLATE, FOAM-	2	
0013	K805773P1	PLATE, FOAM-	2	
0002 :	K805793G1 :	CASE RIVETED :		
0002	J709196G1	CASE, PAINTED-	1	
0003	J709369P1	LATCH, TENSION-	2	
0004	J708259P104	RIVET, AL.-	4	
0005	K805722P1	BRACKET	2	
0009 :	K805735G1 :	PLATE ASM :		
A001	L855863G1	COMPONENT BD ASM	1	(SEE BELOW
0002	K805757G1	PLATE, TEXTED-	1	
A001 .	L855863G1 :	COMPONENT BD ASM., :		
F001	J707468P12	FUSE ENCLOSED LINK	1	
J001	J706683P1	TERM SPADE TAB 6.3MM	1	
J002	J706683P1	TERM SPADE TAB 6.3MM	1	
R001	J707406P5	RES THERM NTC 47K 10%	1	
X001	J709212P1	CONTACT PIN	1	

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
X002	J709212P1	CONTACT PIN	1
X003	J709212P1	CONTACT PIN	1
X004	J709212P1	CONTACT PIN	1
0002	L855864P1R0	BD PW., REVISION NO.: 0	1
0008	J708296P4	SLV INS ELEC PTFE CL R	0,040 M
0009	A700032P1	WASHER LOK TOH D-2.0 MM	4

ITEM NUMBER	DESCRIPTION
L855862G2	BU 6002, NI-CD BATTERY ASM. - 13,2V 7AH
K805793G2	SUB ASM.: CASE RIVETED
K805735G2	SUB ASM.: PLATE ASM
L855863G1	SUB-SUB ASM.: COMPONENT BD ASM

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
0002	K805793G2	CASE, RIVETED-	1	(SEE BELOW)
0005	K805723P1	PLATE, INSULATION-	1	
0006	J709371P1	BATTERY STOR.NI CD 12V	1	
0008	K805725P1	FOAM	1	
0009	K805735G2	PLATE ASM	1	(SEE BELOW)
0010	A701932P306	SCREW FL HD SZ 2.9 X 9.5 MM	4	
0011	J709395P2	FOAM	2	
0012	K805772P2	PLATE, FOAM-	2	
0013	K805773P2	PLATE, FOAM-	2	
0002 :	K805793G2 :	CASE RIVETED :		
0002	J709196G2	CASE, PAINTED-	1	
0003	J709369P1	LATCH, TENSION-	2	
0004	J708259P104	RIVET, AL.-	4	
0005	K805722P1	BRACKET	2	
0009 :	K805735G2 :	PLATE ASM :		
A001	L855863G1	COMPONENT BD ASM	1	(SEE BELOW)
0002	K805757G2	PLATE, TEXTED-	1	
A001 .	L855863G1 :	COMPONENT BD ASM., :		
F001	J707468P13	FUSE ENCLOSED LINK, 10A	1	
J001	J706683P1	TERM SPADE TAB 6.3MM	1	
J002	J706683P1	TERM SPADE TAB 6.3MM	1	
R001	J707406P15	RES THERM NTC 47K 5%		
X001	J709212P1	CONTACT PIN	1	

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
X002	J709212P1	CONTACT PIN	1
X003	J709212P1	CONTACT PIN	1
X004	J709212P1	CONTACT PIN	1
0002	L855864P1R1	BD PW., REVISION NO.: 1	1
0008	J708296P4	SLV INS ELEC PTFE CL R	0,040 M
0009	A700032P1	WASHER LOK TOH D-2.0 MM	4

ITEM NUMBER	DESCRIPTION
L855862G2	BU 6002, NI-CD BATTERY ASM. - 13,2V 7AH
K805793G2	SUB ASM.: CASE RIVETED
K805735G2	SUB ASM.: PLATE ASM
L855863G1	SUB-SUB ASM.: COMPONENT BD ASM

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
0002	K805793G2	CASE, RIVETED-	1	(SEE BELOW)
0005	K805723P1	PLATE, INSULATION-	1	
0006	J709371P1	BATTERY STOR.NI CD 12V	1	
0008	K805725P1	FOAM	1	
0009	K805735G2	PLATE ASM	1	(SEE BELOW)
0010	A701932P306	SCREW FL HD SZ 2.9 X 9.5 MM	4	
0011	J709395P2	FOAM	2	
0012	K805772P2	PLATE, FOAM-	2	
0013	K805773P2	PLATE, FOAM-	2	
0002 :	K805793G2 :	CASE RIVETED :		
0002	J709196G2	CASE, PAINTED-	1	
0003	J709369P1	LATCH, TENSION-	2	
0004	J708259P104	RIVET, AL.-	4	
0005	K805722P1	BRACKET	2	
0009 :	K805735G2 :	PLATE ASM :		
A001	L855863G1	COMPONENT BD ASM	1	(SEE BELOW)
0002	K805757G2	PLATE, TEXTED-	1	
A001 .	L855863G1 :	COMPONENT BD ASM., :		
F001	J707468P13 * *	FUSE ENCLOSED LINK, 10A	1	
J001	J706683P1	TERM SPADE TAB 6.3MM	1	
J002	J706683P1	TERM SPADE TAB 6.3MM	1	
R001	J707406P5	RES THERM NTC 47K 10%	1	
X001	J709212P1	CONTACT PIN	1	

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
X002	J709212P1	CONTACT PIN	1
X003	J709212P1	CONTACT PIN	1
X004	J709212P1	CONTACT PIN	1
0002	L855864P1R0	BD PW., REVISION NO.: 0	1
0008	J708296P4	SLV INS ELEC PTFE CL R	0,040 M
0009	A700032P1	WASHER LOK TOH D-2.0 MM	4

ITEM NUMBER	DESCRIPTION
L855862G2	BU 6002 ASM
K805793G2	SUB ASM.: CASE RIVETED
K805735G2	SUB ASM.: PLATE ASM
L855863G1	SUB-SUB ASM.: COMPONENT BD ASM

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
0002	K805793G2	CASE, RIVETED-	1	(SEE BELOW
0005	K805723P1	PLATE, INSULATION-	1	
0006	J709371P1	BATTERY STOR.NI CD 12V	1	
0008	K805725P1	FOAM	1	
0009	K805735G2	PLATE ASM	1	(SEE BELOW
0010	A701932P306	SCREW FL HD SZ 2.9 X 9.5 MM	4	
0011	J709395P2	FOAM	2	
0012	K805772P2	PLATE, FOAM-	2	
0013	K805773P2	PLATE, FOAM-	2	
0002 :	K805793G2 :	CASE RIVETED :		
0002	J709196G2	CASE, PAINTED-	1	
0003	J709369P1	LATCH, TENSION-	2	
0004	J708259P104	RIVET, AL.-	4	
0005	K805722P1	BRACKET	2	
0009 :	K805735G2 :	PLATE ASM :		
A001	L855863G1	COMPONENT BD ASM	1	(SEE BELOW
0002	K805757G2	PLATE, TEXTED-	1	
A001 .	L855863G1 :	COMPONENT BD ASM., :		
F001	J707468P12	FUSE ENCLOSED LINK	1	
J001	J706683P1	TERM SPADE TAB 6.3MM	1	
J002	J706683P1	TERM SPADE TAB 6.3MM	1	
R001	J707406P5	RES THERM NTC 47K 10%	1	
X001	J709212P1	CONTACT PIN	1	

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
X002	J709212P1	CONTACT PIN	1
X003	J709212P1	CONTACT PIN	1
X004	J709212P1	CONTACT PIN	1
0002	L855864P1R0	BD PW., REVISION NO.: 0	1
0008	J708296P4	SLV INS ELEC PTFE CL R	0,040 M
0009	A700032P1	WASHER LOK TOH D-2.0 MM	4

CHAPTER 6

CABLES

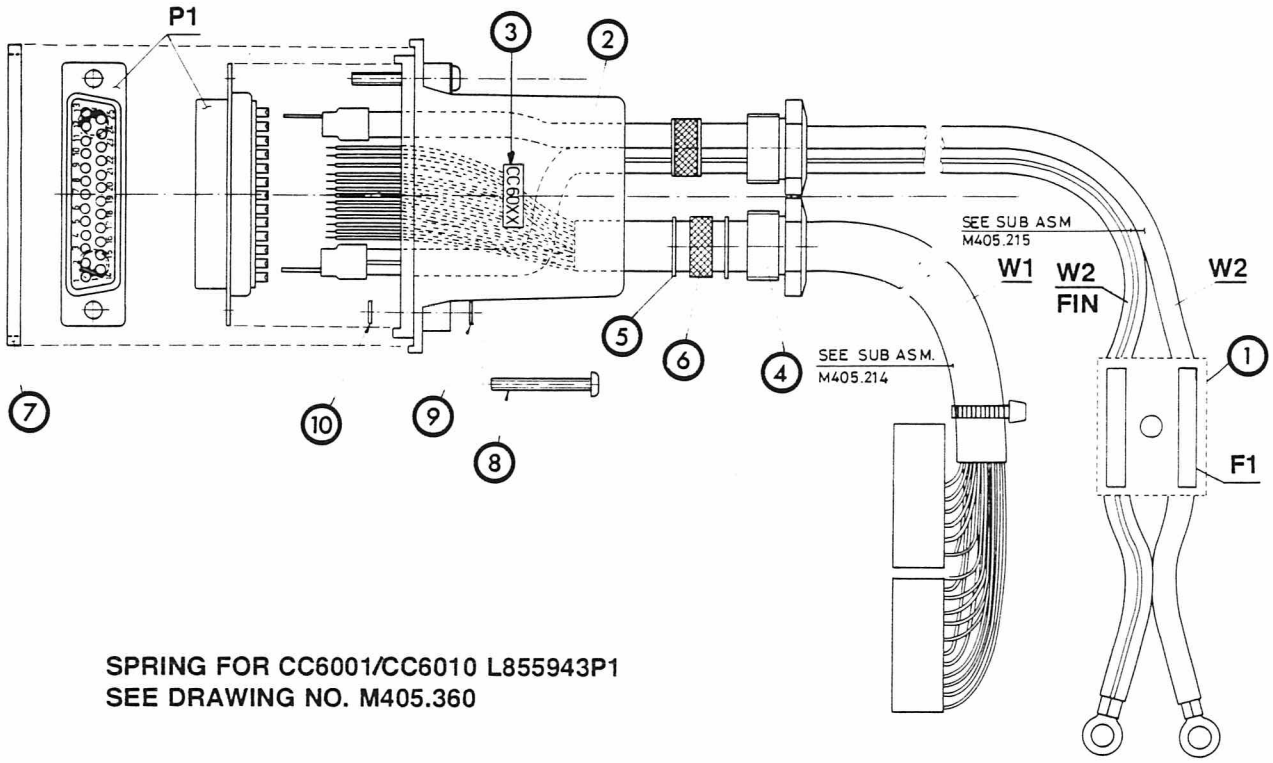
CABLES CC60XX :

- CC6001
- CC6002
- CC6003
- CC6004
- CC6005
- CC6006
- CC6007
- CC6008
- CC6009
- CC6010
- CC6011
- CC6013
- CC6015
- CC6029
- CC6034

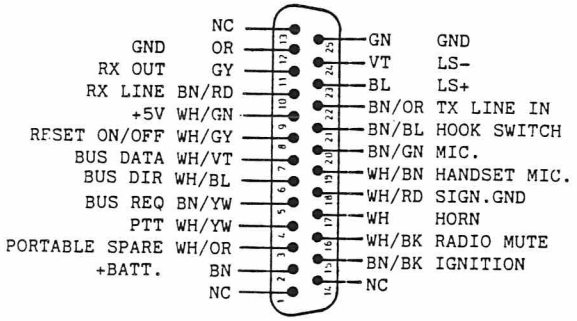
MECHANICAL PARTS LIST FOR CABLE ASSEMBLY FOR CC6001/CC6010 : L855686G1/G2

Pos	Code No.	Description	Qt
F1	J706161P1	FUSE 8A	2
P1	J708471P13	CONN MULTI RECP 25-CKT	1
W1	K805639G1	CABLE ASM G1	1
W1	K805639G3	CABLE ASM G2	1
W2	K805603G1	CABLE ASM CC 6001	1
1	J706224P1	FUSE BOX	1
2	L855665P1	HOUSING	1
3	J706307P33	NAME PLATE CC6001 G1	1
3	J706307P69	NAME PLATE CC6010 G2	1
4	J708562P2	COUPLING THREAD CABLE	1
5	J708563P2	WASHER	2
6	J708566P2	GASKET	1
7	J708560P1	GASKET	1
8	A702361P316	SCREW PAN HD 2.5X16.0	2
9	J706424P2	WASH NON MET 2.7X 6X1.0	2
10	J706424P4	WASH NON MET 2.2X6.3X1	2
11	L855943P1	SPRING	1
12	A700034P3	NUT HEX M-2.5X0.45	2

Pos	Code No.	Description	Qt



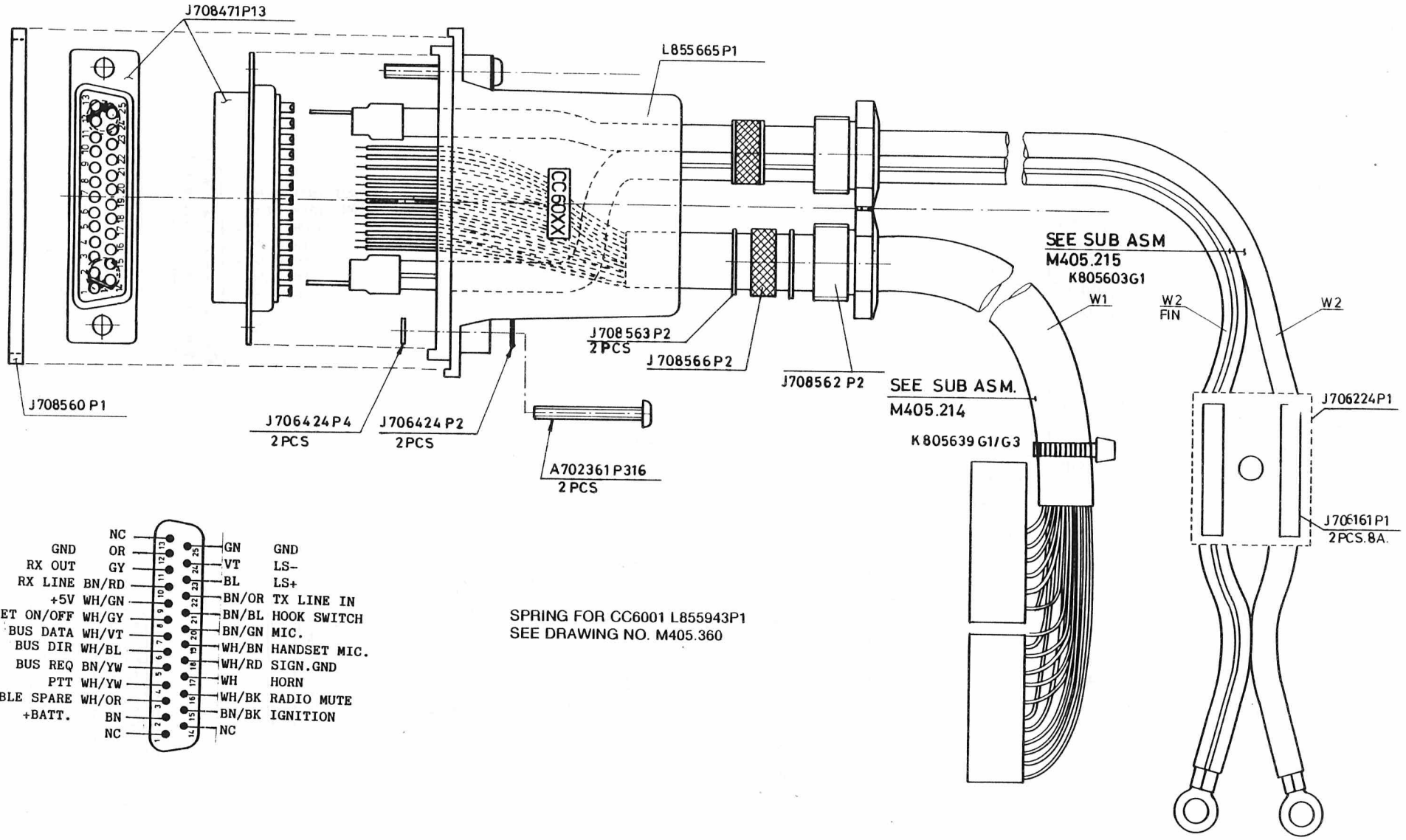
SPRING FOR CC6001/CC6010 L855943P1
SEE DRAWING NO. M405.360



L855686G1 CC6001
L855686G2 CC6010

CABLE ASSEMBLY

M405.617



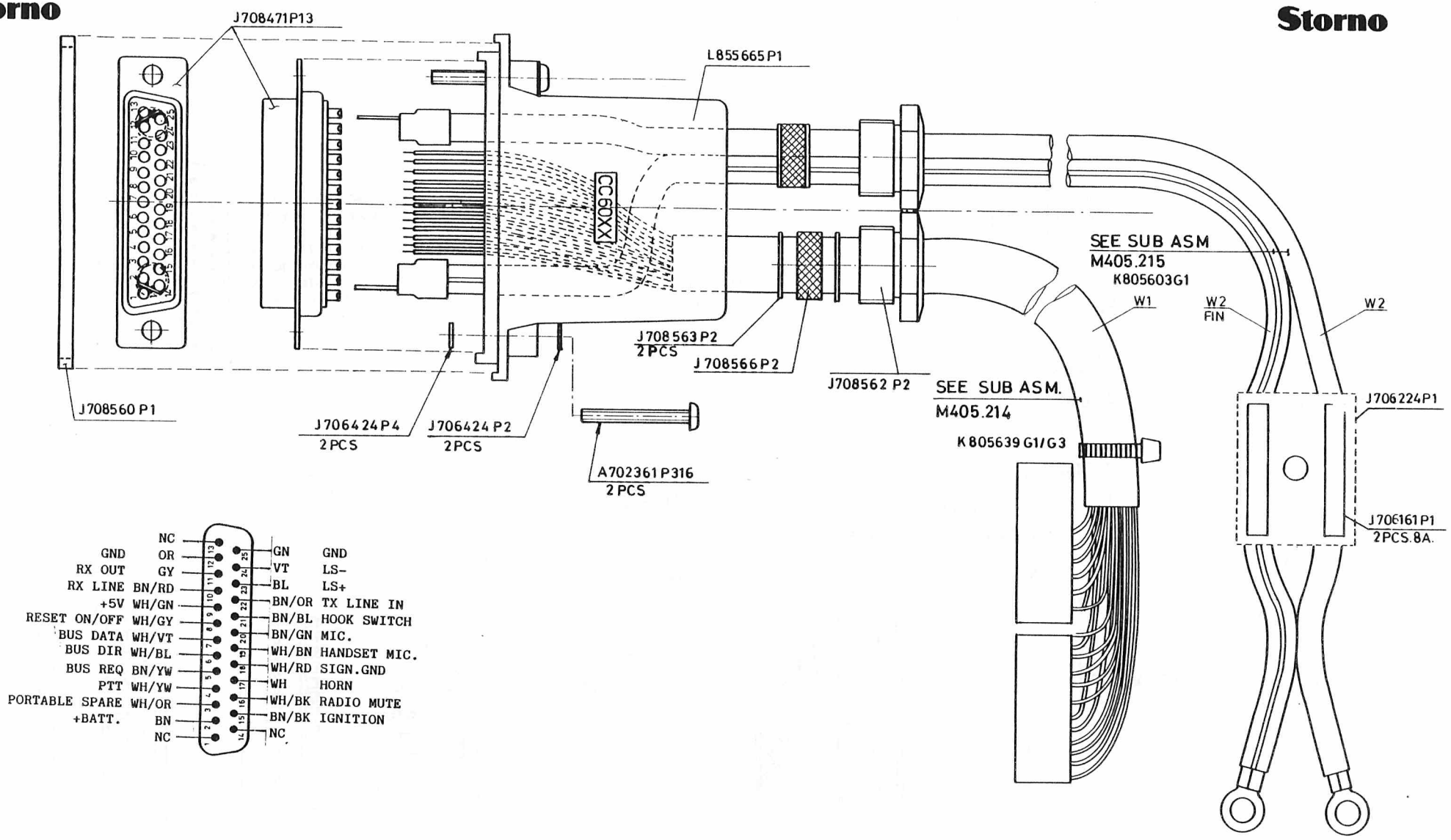
SPRING FOR CC6001 L855943P1
SEE DRAWING NO. M405.360

CABLE KIT CC6001 AND CC6010 ASM
L855686G1 CC6001 AND
L855686G2 CC6010

M405.213/3

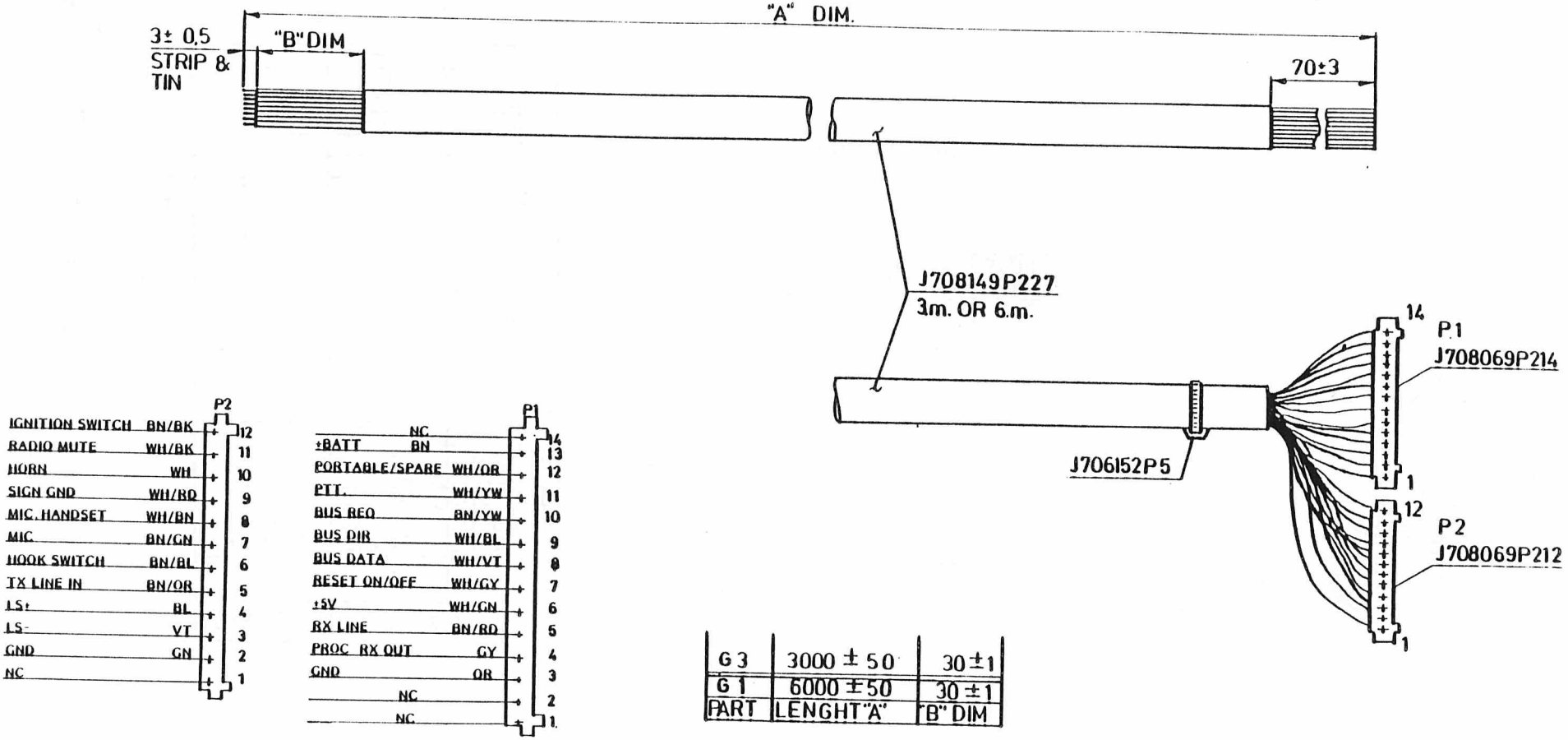
Storno

Storno



CABLE KIT CC6001 AND CC6010 ASM
L855686G1 CC6001 AND
L855686G2 CC6010

M405.213/2



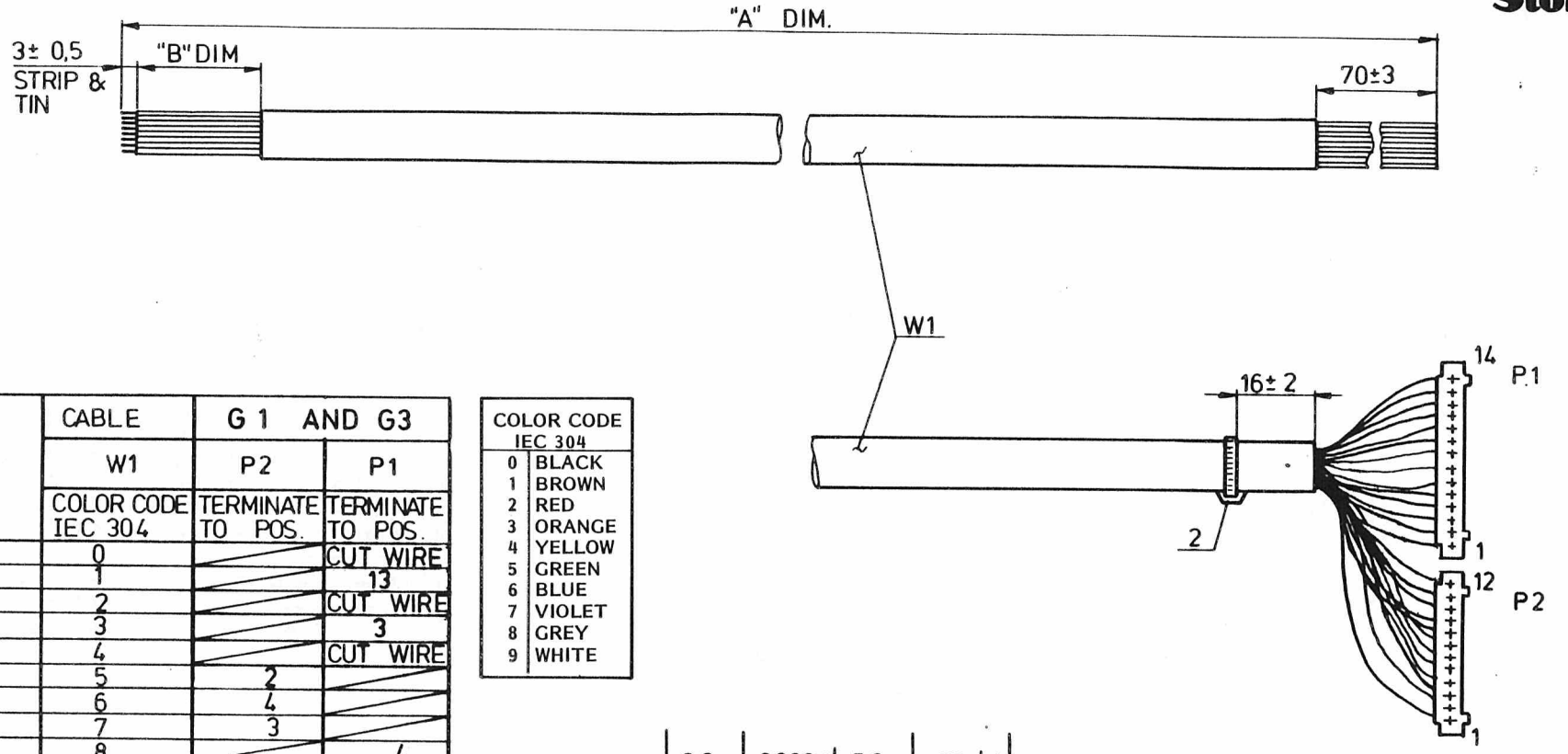
G 3	3000 ± 50	30 ± 1
G 1	6000 ± 50	30 ± 1
PART	LENGHT "A"	"B" DIM

CONTROL CABLE SUB ASM.
K805639 G1 FOR CC 6001
K805639 G3 FOR CC 6010

M405.214/2

Storno

Storno



	CABLE	G 1 AND G3	
	W1	P2	P1
	COLOR CODE IEC 304	TERMINATE TO POS.	TERMINATE TO POS.
BATT +	0		CUT WIRE
BATT +	1		13
BATT +	2		CUT WIRE
GND	3		3
GND	4		CUT WIRE
GND	5	2	
LS +	6	4	
LS -	7	3	
PROC RX OUT	8		4
HORN RELAY	9	10	
CAR RADIO MUTE	90	11	
MIC. HANDSET	91	8	
SIGN. GND	92	9	
PORTABLE / SPARE	93		12
PTT	94		11
+ 5V	95		6
BUS DIR	96		9
BUS DATA	97		8
ON/OFF-RESET	98		7
IGNITION SWITCH	10	12	
RX LINE	12		5
TX LINE IN	13	5	
SER. REQ.	14		10
MIC.HI.TONE/EMERG.	15	7	
HOOK SWITCH	16	6	
NO CONNECTION	17	CUT WIRE	
NO CONNECTION	18	CUT WIRE	

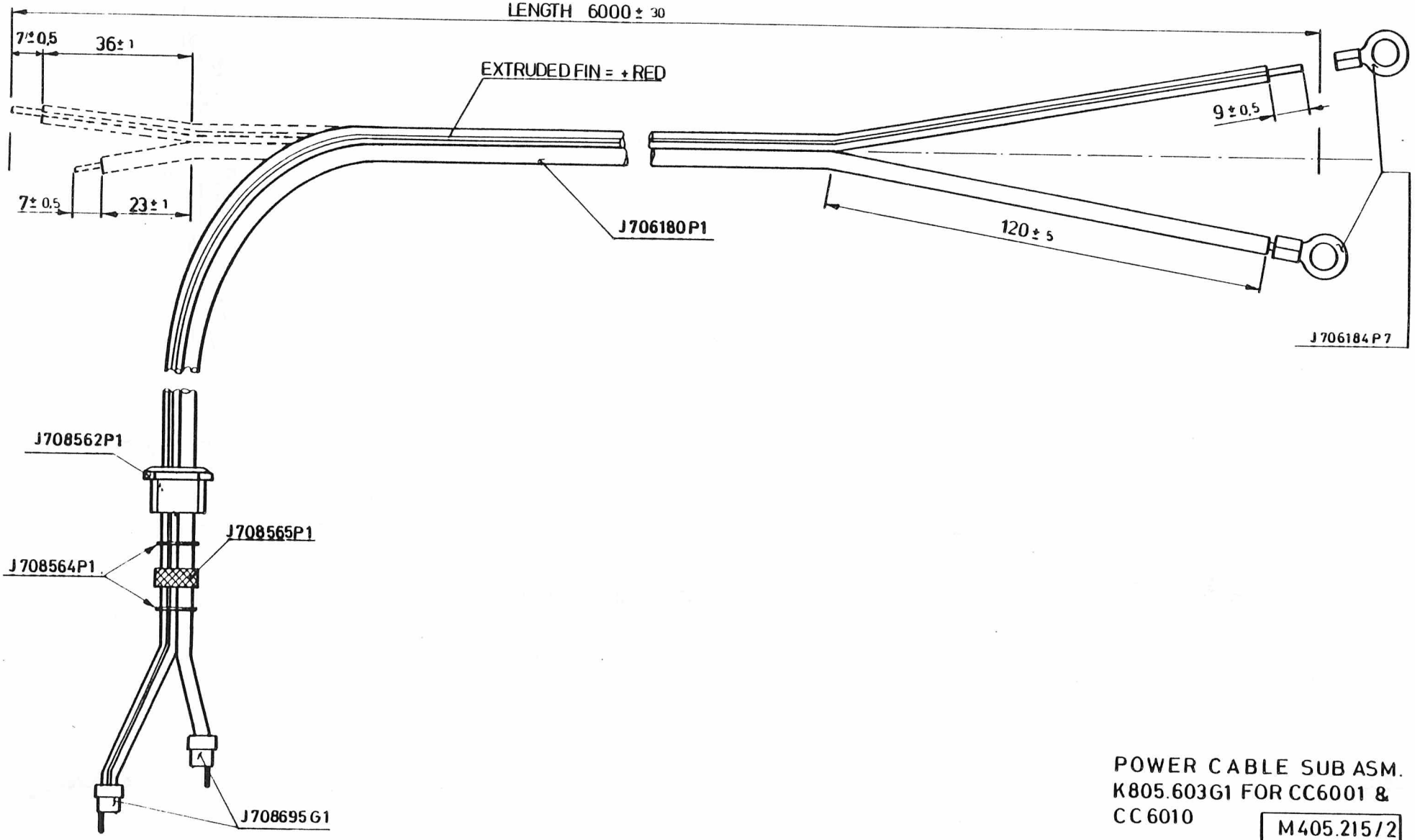
COLOR CODE IEC 304	
0	BLACK
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GREY
9	WHITE

PART	LENGHT "A"	"B" DIM
G 3	3000 ± 50	30 ± 1
G 1	6000 ± 50	30 ± 1

SEE PART LIST X404.110

CONTROL CABLE SUB ASM.
K805639 G1 FOR CC 6001
K8 05639 G3 FOR CC 6010

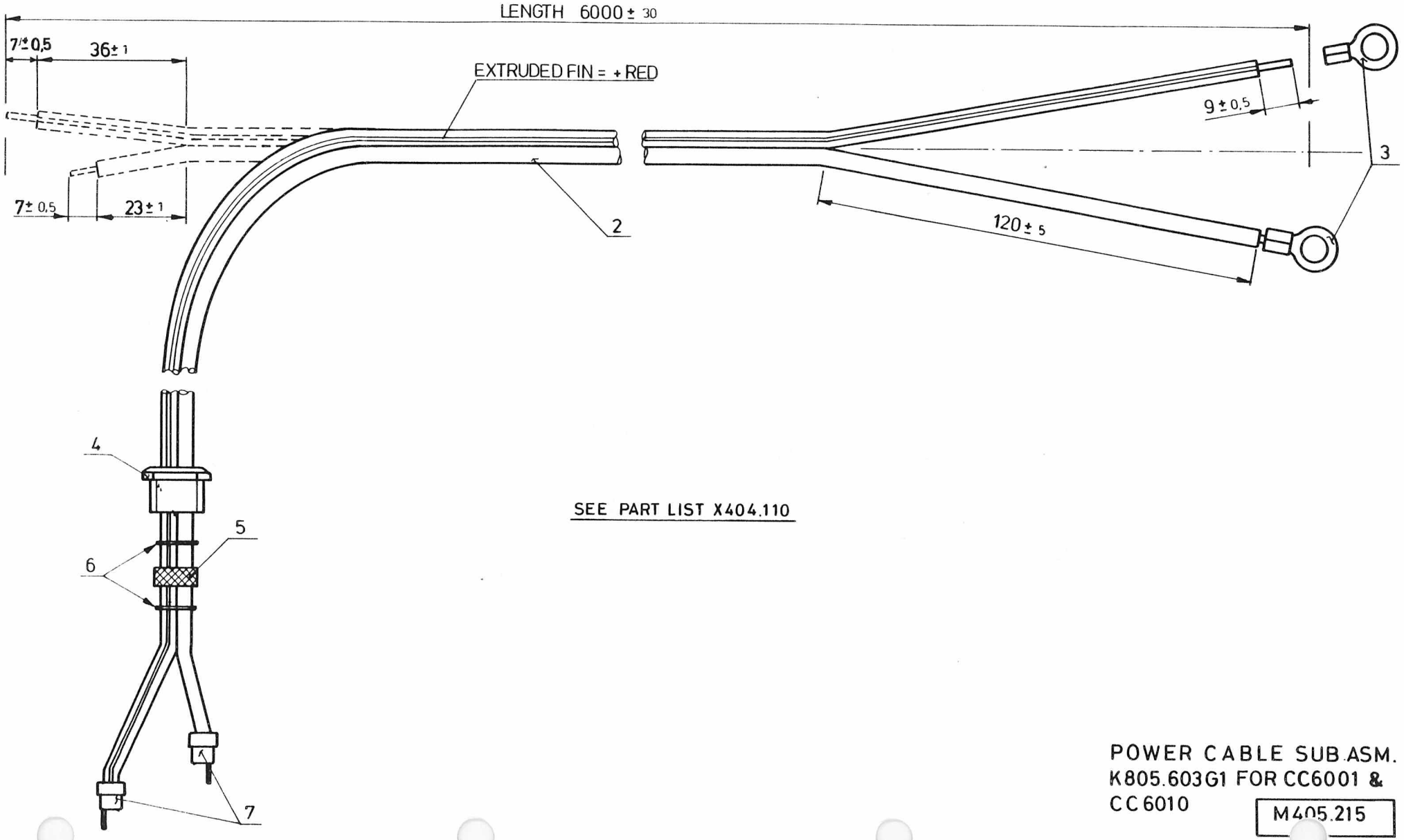
M405.214



POWER CABLE SUB ASM.
K805.603G1 FOR CC6001 &
CC6010

M405.215/2

Storno



SEE PART LIST X404.110

POWER CABLE SUB.ASM.
K805.603G1 FOR CC6001 &
CC6010

M405.215

ITEM NUMBER	DESCRIPTION
L855686G1	CC 6001, ASM.,CABLING-
L855686G3	CC 6010, ASM.,CABLING-

K805639G1	SUB ASM.: CTRL. CABLE ASM.- F. CC 6001
K805639G3	SUB ASM.: CTRL. CABLE ASM.- F. CC 6010
K805603G1	SUB ASM.: PWR. CABLE ASM CC 6001/-6010

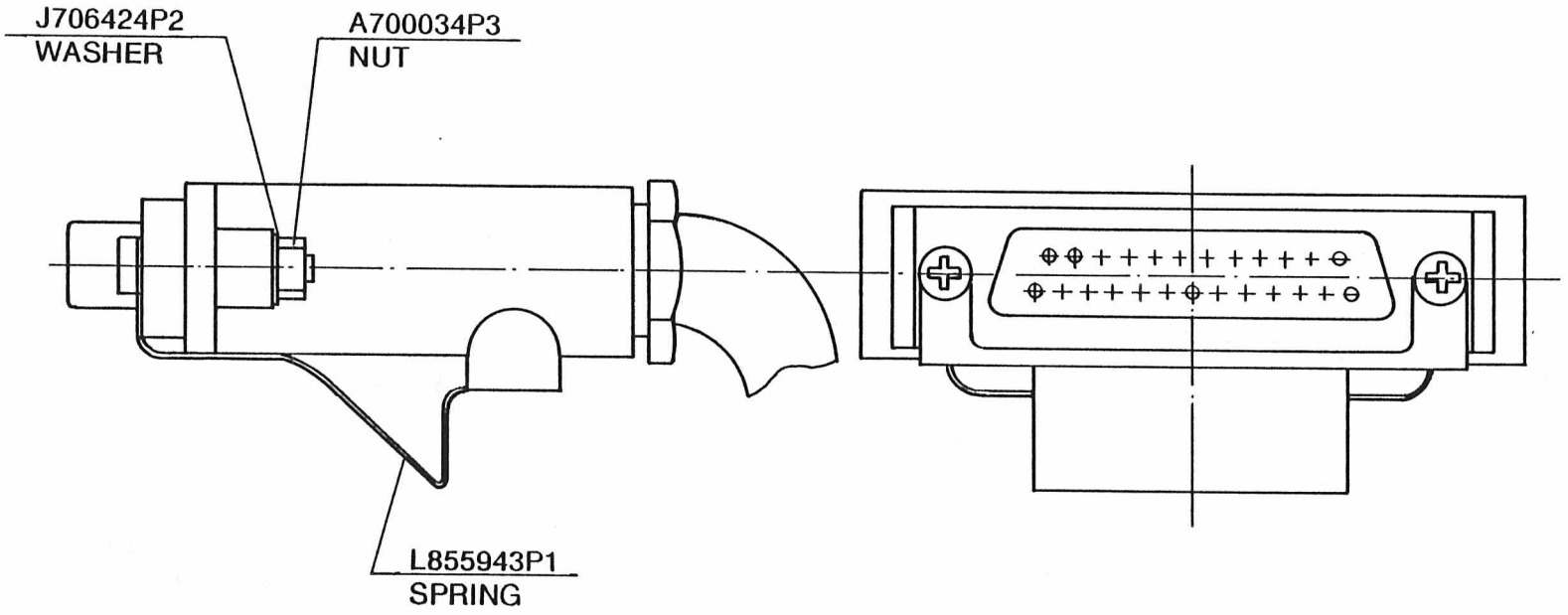
P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
F001	J706161P1	FUSE 8A	2	
P001	J708471P13	CONN MULTI RECP 25-WAY	1	
W001	K805639G1	CABLE ASM.,CTRL.- F. CC 6001	1	(SEE
OR:				BELOW
W001	K805639G3	CABLE ASM.,CTRL.- F. CC 6010	1	(SEE
				BELOW
W002	K805603G1	CABLE ASM,PWR- CC 6001/-6010	1	SEE:
				PAGE 2
0002	J706224P1	FUSE BOX	1	
0003	L855665P1	HOUSING	1	
0004	J706307P33	NAMEPLATE CC6001	1	
0005	J708562P2	COUPLING THREAD CABLE	1	
0006	J708563P2	WASHER	2	
0007	J708566P2	GASKET	1	
0008	J708560P1	GASKET	1	
0009	A702361P316	SCREW PAN HD M-2.5X16.0 MM	2	
0010	J706424P2	WASH NYL 2.7X6.0X1.0 MM	2	
0011	J706424P4	WASH NYL 2.2X6.3X1.0 MM	2	

W001 :	K805639G1 :	CABLE ASM.,CTRL - F. CC 6001 :		
P001	J708069P214	CONNECTOR FEM	1	
P002	J708069P212	CONNECTOR FEM	1	
W001	J708149P227	CABLE, MULTI 27 COND	6.0	M
0002	J706152P5	STRAP RET W BDL D19 NYL	1	

W001 :	K805639G3 :	CABLE ASM.,CTRL - F. CC 6010 :		
P001	J708069P214	CONNECTOR FEM	1	
P002	J708069P212	CONNECTOR FEM	1	

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
W001	J708149P227	CABLE, MULTI 27 COND	3.0 M
0002	J706152P5	STRAP RET W BDL D19 NYL	1
W002 :	K805603G1 :	CABLE ASM.,PWR- CC 6001/-6010 :	
0002	J706180P1	CABLE POWER 2-COND BLACK	6,0 M
0003	J706184P7	TERM	2
0004	J708562P1	COUPLING THREAD CABLE	1
0005	J708565P1	GASKET	1
0006	J708564P1	WASHER	2
0007	J708695G1	TERMINAL MODF	2

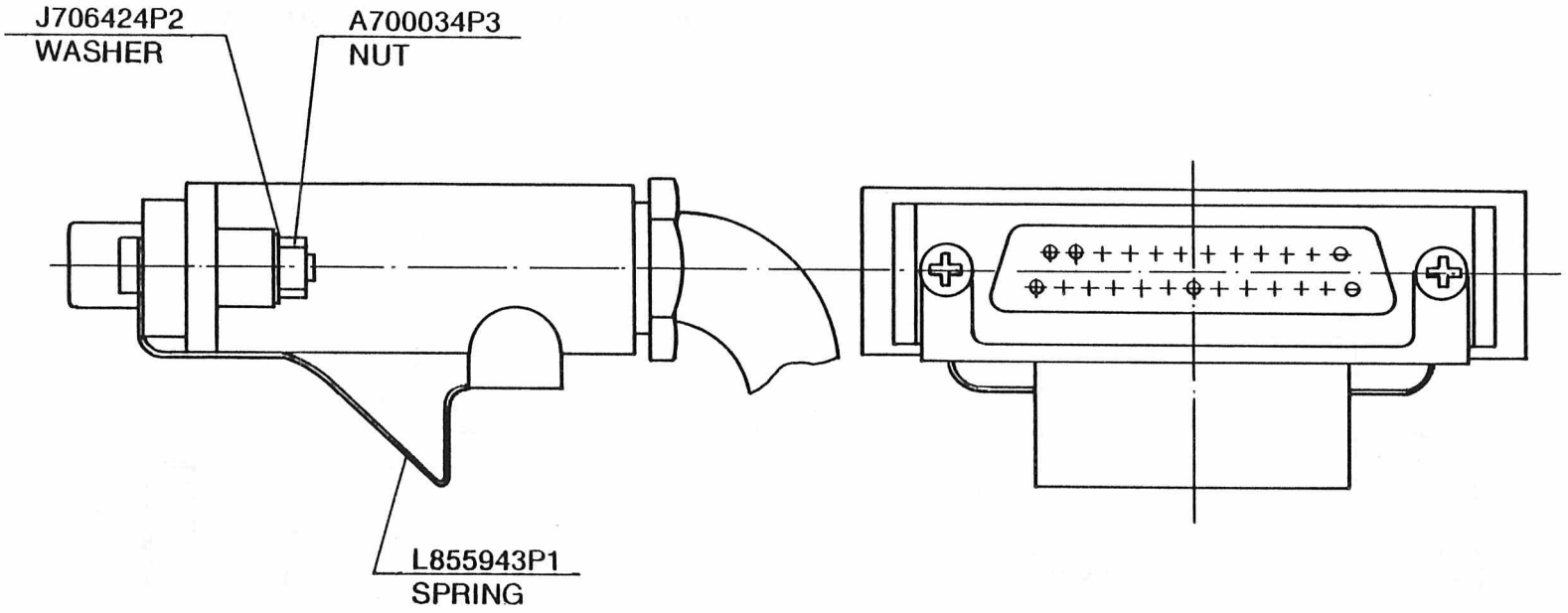


NOTE:

1. REMOVE WASHER J706424P4, 2PCS. MOUNT SPRING L855943P1 AS SHOWN, TURN SCREW AND MOUNT WASHER J706424P2, 2PCS. AND A700034P3 NUT 2PCS.

MOUNTING INSTRUCTION OF SPRING FOR CC6001/CC6010

M405.360/2

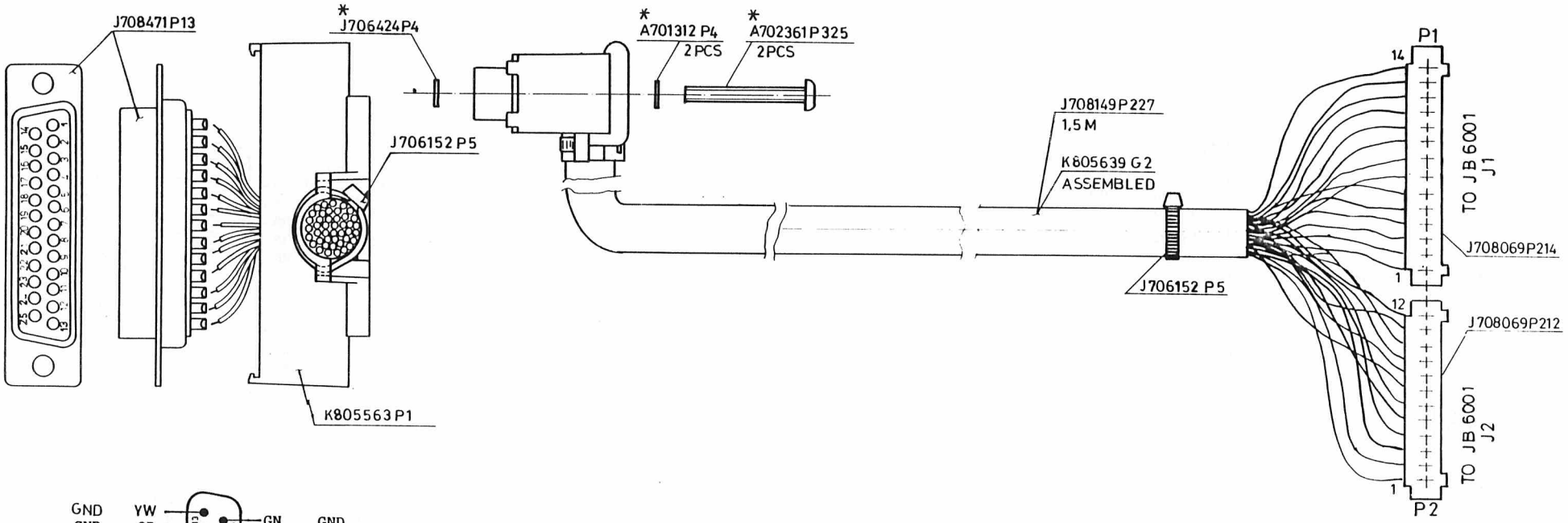


NOTE:

1. REMOVE WASHER J706424P4, 2PCS. MOUNT SPRING L855943P1 AS SHOWN, TURN SCREW AND MOUNT WASHER J706424P2, 2PCS. AND A700034P3 NUT 2PCS.
2. ONLY USED FOR ASM. WITH CC6001

MOUNTING INSTRUCTION OF SPRING FOR CC6001

M405360



GND	YW		GN	GND
GND	OR		VT	LS-
RX OUT	GY		BL	LS+
RX LINE	BN/RD		BN/OR	TX LINE IN
+5V	WH/GN		BN/BL	HOOK SWITCH
RESET ON/OFF	WH/GY		BN/GN	MIC.
BUS DATA	WH/VT		WH/BN	HANDSET MIC.
BUS DIR	WH/BL		WH/RD	SIGN.GND
BUS REQ	BN/YW		WH	HORN
PTT	WH/YW		WH/BK	RADIO MUTE
PORTABLE SPARE	WH/OR		BN/BK	IGNITION
+BATT.	BN		RD	+BATT
+BATT.	BK			

* ITEMS NOT USED WITH ASM. WITH MN6002 MN6006, MN6008 AND MN6009.

P2

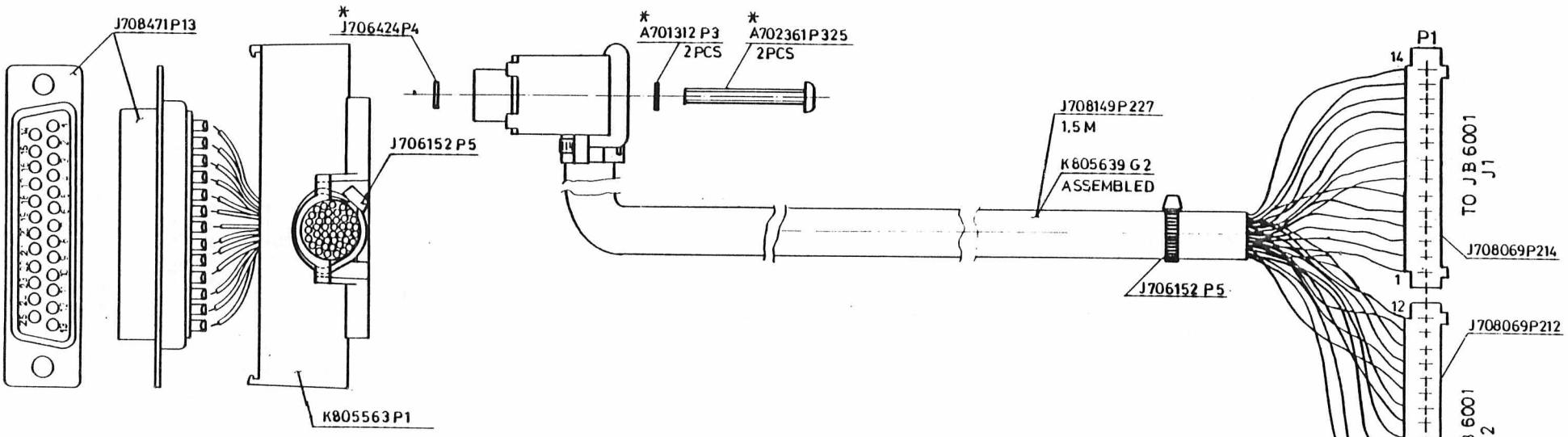
IGNITION SWITCH	BN/BK	12
RADIO MUTE	WH/BK	11
HORN	WH	10
SIGN GND	WH/RD	9
MIC. HANDSET	WH/BN	8
MIC	BN/GN	7
HOOK SWITCH	BN/BL	6
TX LINE IN	BN/OR	5
LS+	BL	4
LS-	VT	3
GND	GN	2
NC		1

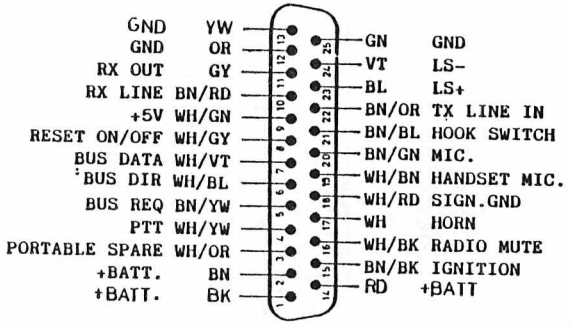
P1

+BATT	BK	14
+BATT	BN	13
PORTABLE/SPARE	WH/OR	12
PTT.	WH/YW	11
BUS REQ	BN/YW	10
BUS DIR	WH/BL	9
BUS DATA	WH/VT	8
RESET ON/OFF	WH/GY	7
+5V	WH/GN	6
RX LINE	BN/RD	5
PROC. RX OUT	GY	4
GND	OR	3
GND	YW	2
+BATT	RD	1

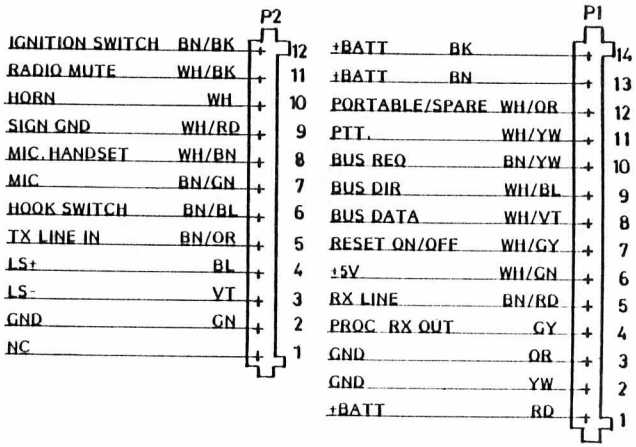
CABLE KIT CC6002 ASM

L855767G1 | M405.216/3



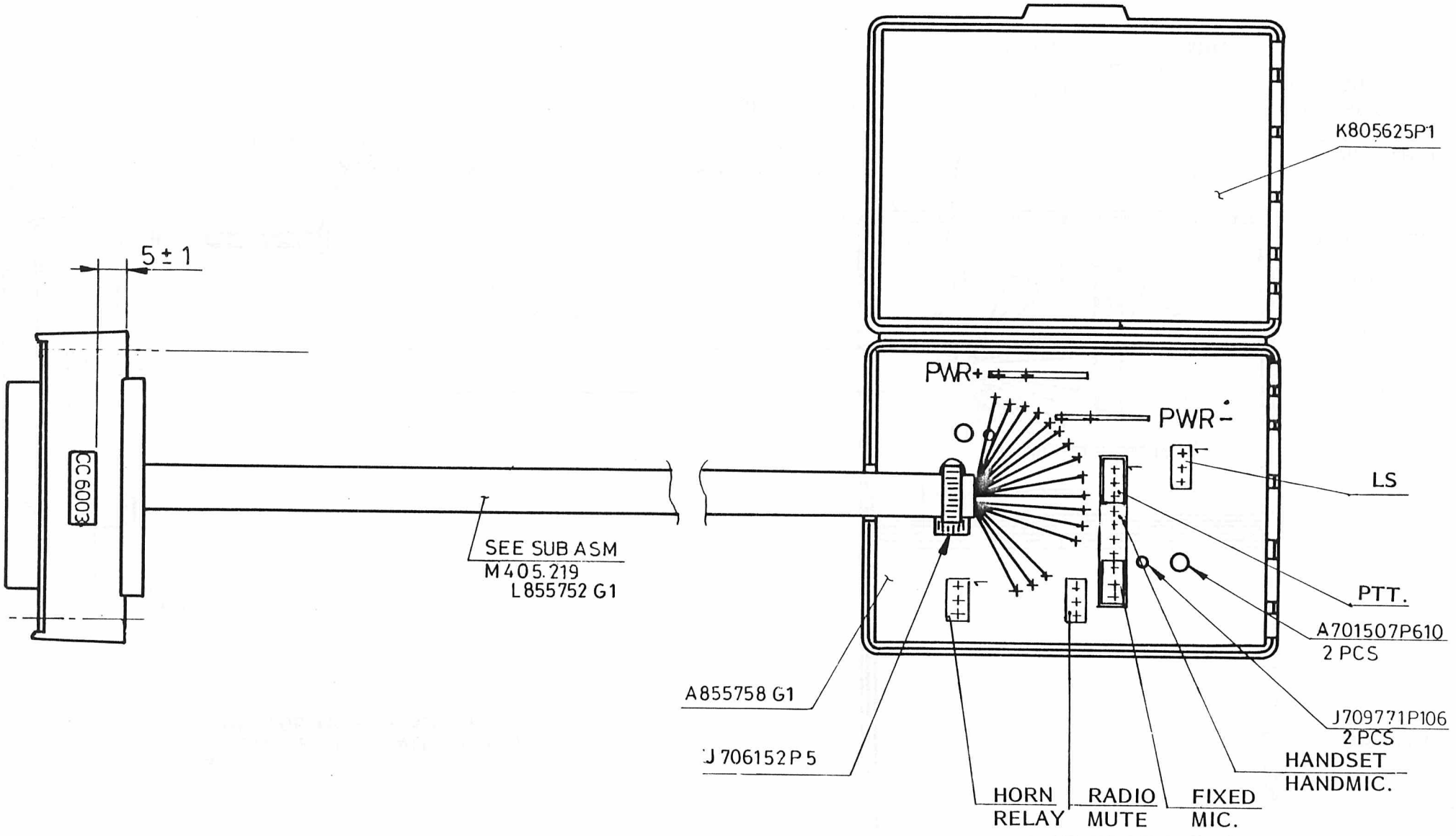


* ITEMS NOT USED WITH ASM. WITH MN6002 MN6006, MN6008 AND MN6009.



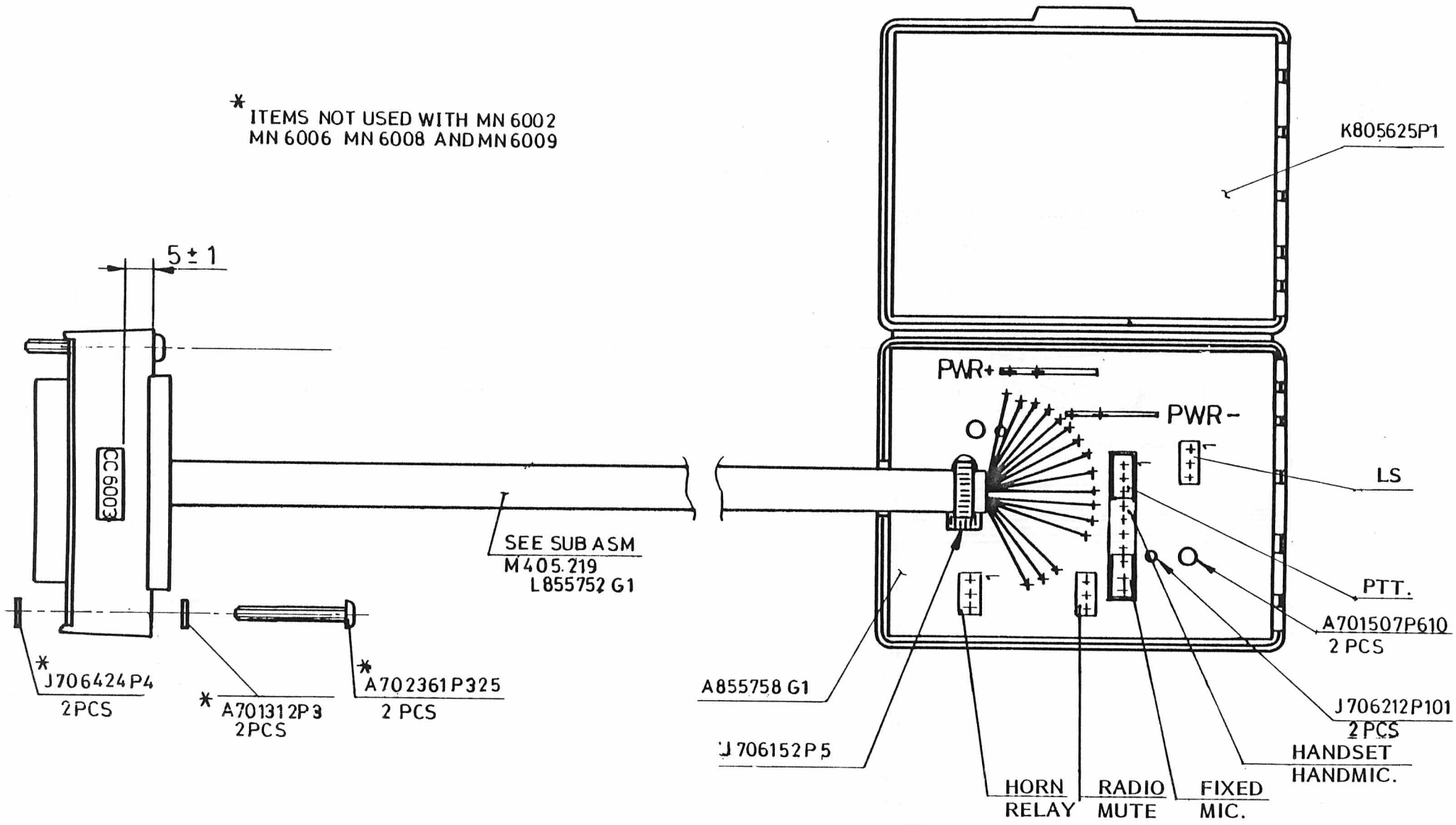
CABLE KIT CC6002 ASM
L855767G1

M405.216/2



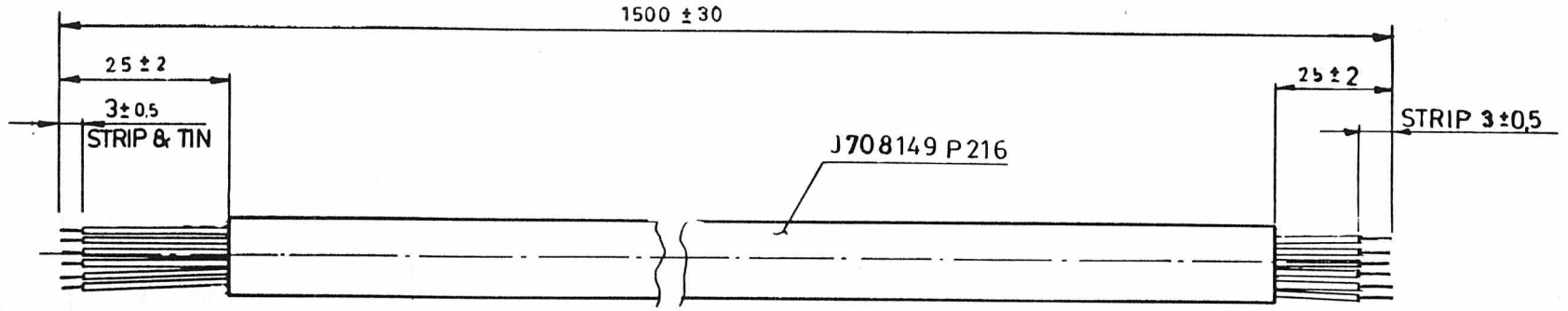
CABEL ASM. WITH SMALL JUNCTION BOX
CC6003 L855688G1

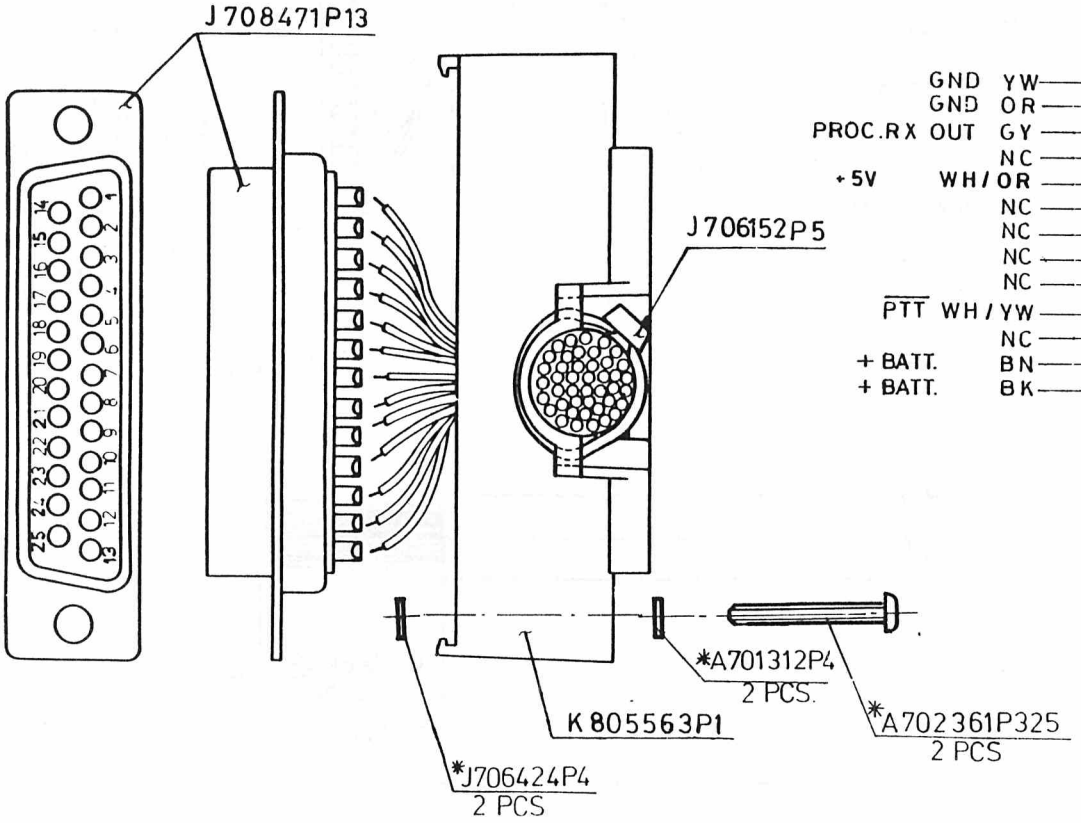
M405. 218/3

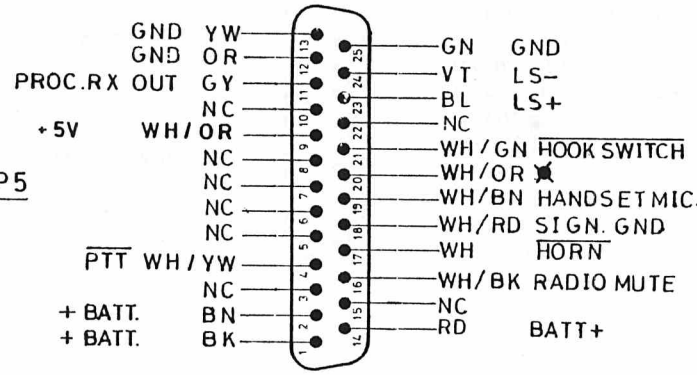


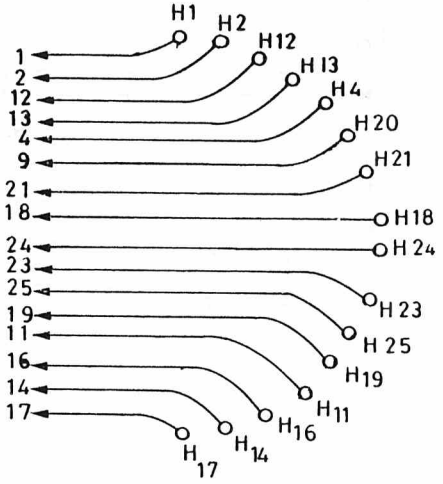
CABEL ASM. WITH SMALL JUNCTION BOX
CC6003 L855688G1

M405 [illegible] 8/2







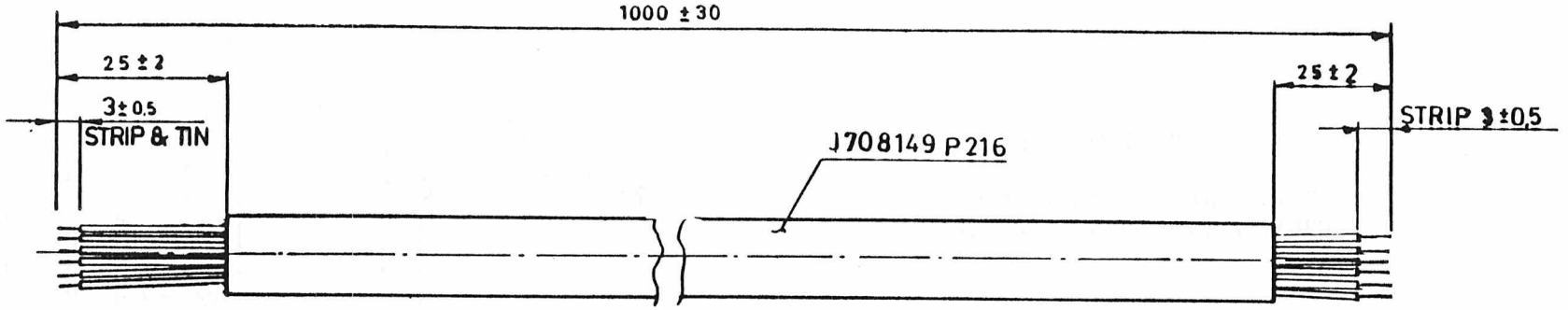


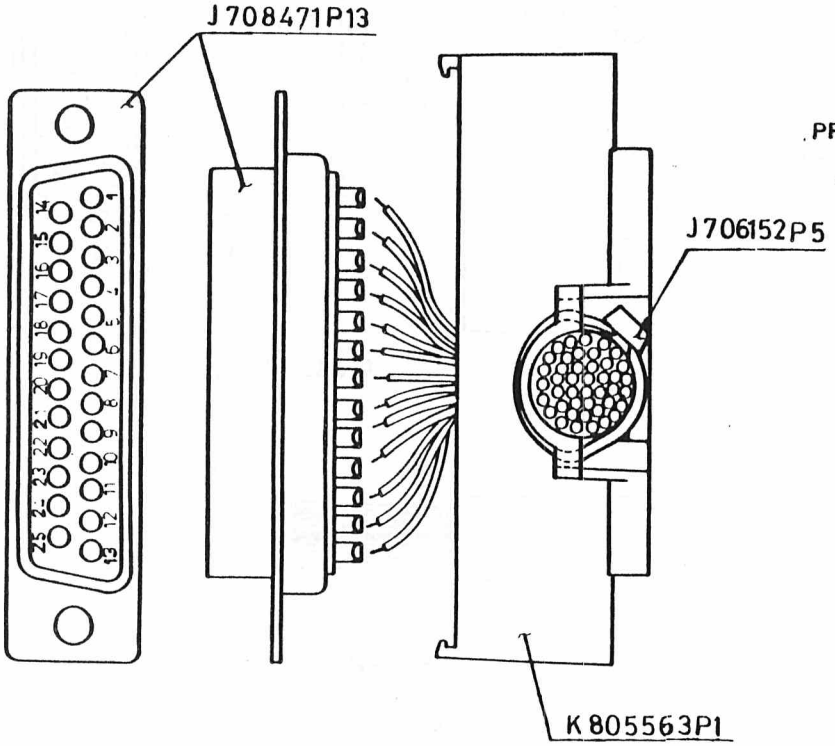
* ITEMS NOT USED WITH MN6002, MN6006, MN6008 AND MN6009.

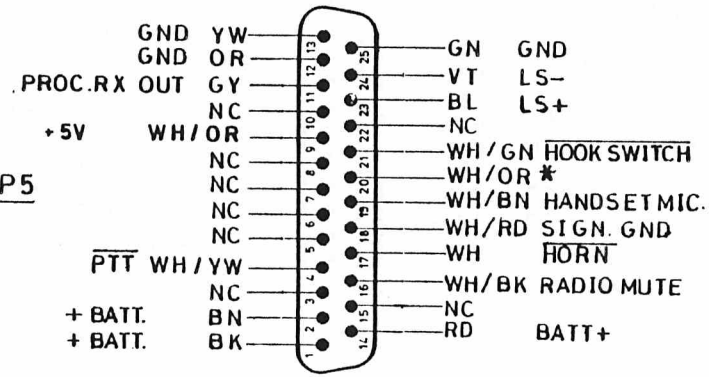
HF MIC IF USED IN NMT.

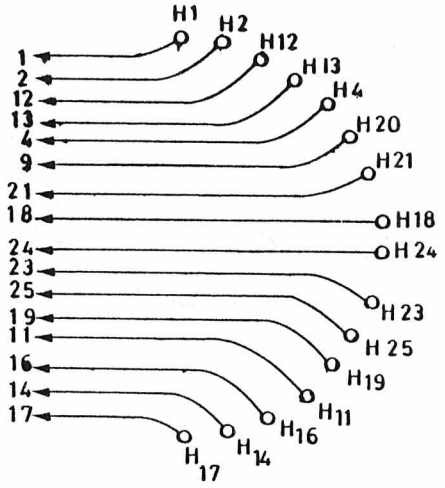
SUB ASM. FOR CC6003

CODE NO. L855752G1 M405.219/4





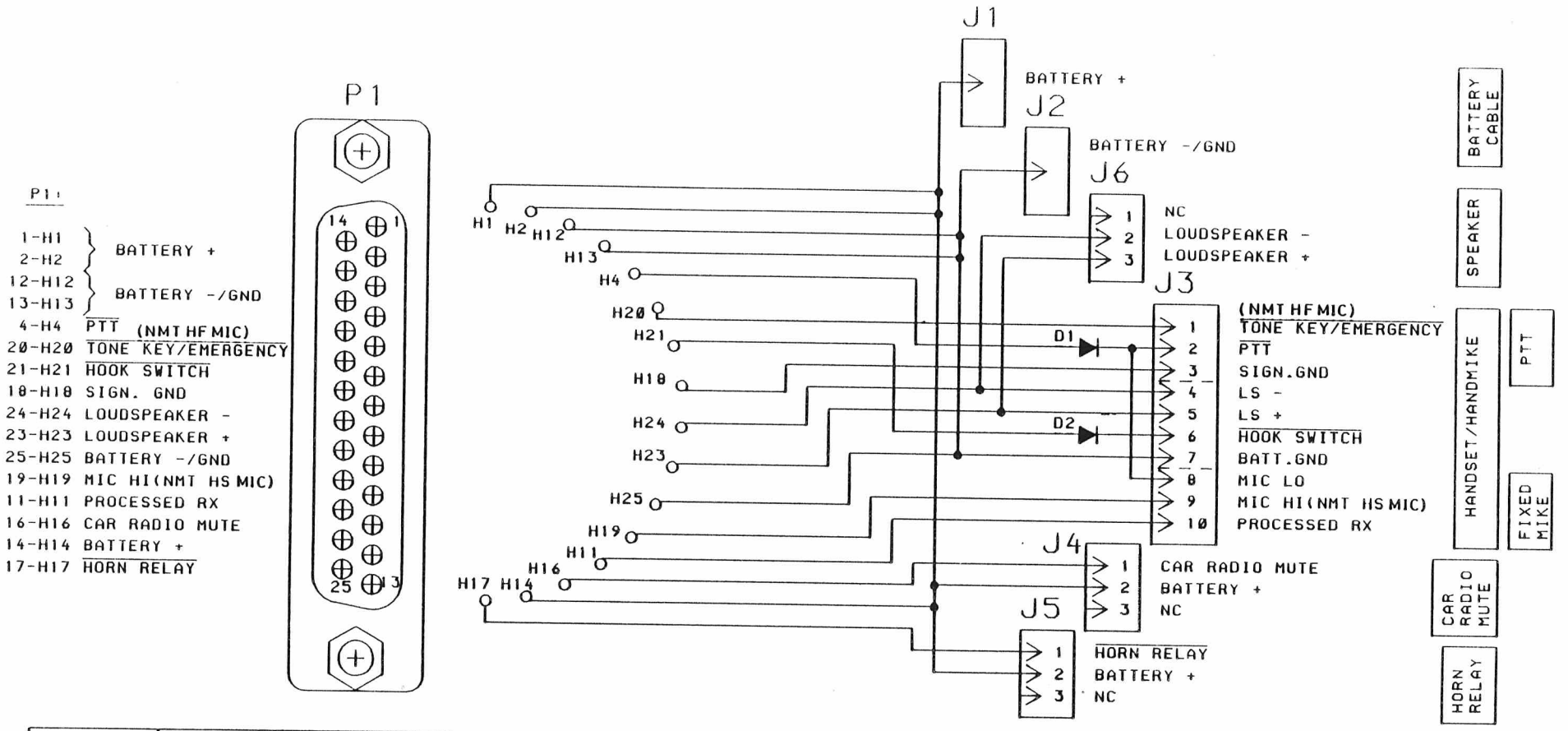




* HF MIC IF USED IN NMT

SUB ASM. FOR CC6003

CODE NO. L855752G1 M405.219/3



W1 COLOR CODE IEC 304	P1 SOLDER TO PIN NO.	
0	1	BATT+
1	2	BATT+
2	14	BATT+
3	12	GND-
4	13	GND-
5	25	GND-
6	23	LS+
7	24	LS-
8	11	PROC. RX OUT
9	17	HORN RELAY
90	16	CAR RADIO MUTE
91	19	HANDSET MIC.
92	18	SIGN. GND
93	20	TONE EMERG.
94	4	PTT
95	21	HOOK SWITCH

COLOR CODE IEC 304	
0	BLACK
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GREY
9	WHITE

MODULE	CODE NO. L855688G1
MOUNTED BOARD	CODE NO. L855758G1
CABLE ASM.	CODE NO. L855752G1

CC6003
CABLE KIT BETWEEN
RADIO AND ACCESSORIES

D404.152/2

DATE: 3/11/1987

Pos	Code No	Description	Qt
A001	L855758G1	CPNT BD ASM CC6003	1
W001	L855752G1	CABLE ASM	1
D001	A700028P1	DIO SI SIG 1N4148	1
D002	A700028P1	DIO SI SIG 1N4148	1
J001	J708100P2	TERM SPADE TAB6.3MM	1
J002	J708100P2	TERM SPADE TAB6.3MM	1
J003	J708925P1	CONN PT PIN L-9.70MM 10 PINS	1
J004	J708925P1	CONN PT PIN L-9.70MM 3 PINS	1
J005	J708925P1	CONN PT PIN L-9.70MM 3 PINS	1
J006	J708925P1	CONN PT PIN L-9.70MM 3 PINS	1
	L855759P1R0	BOARD PW	1

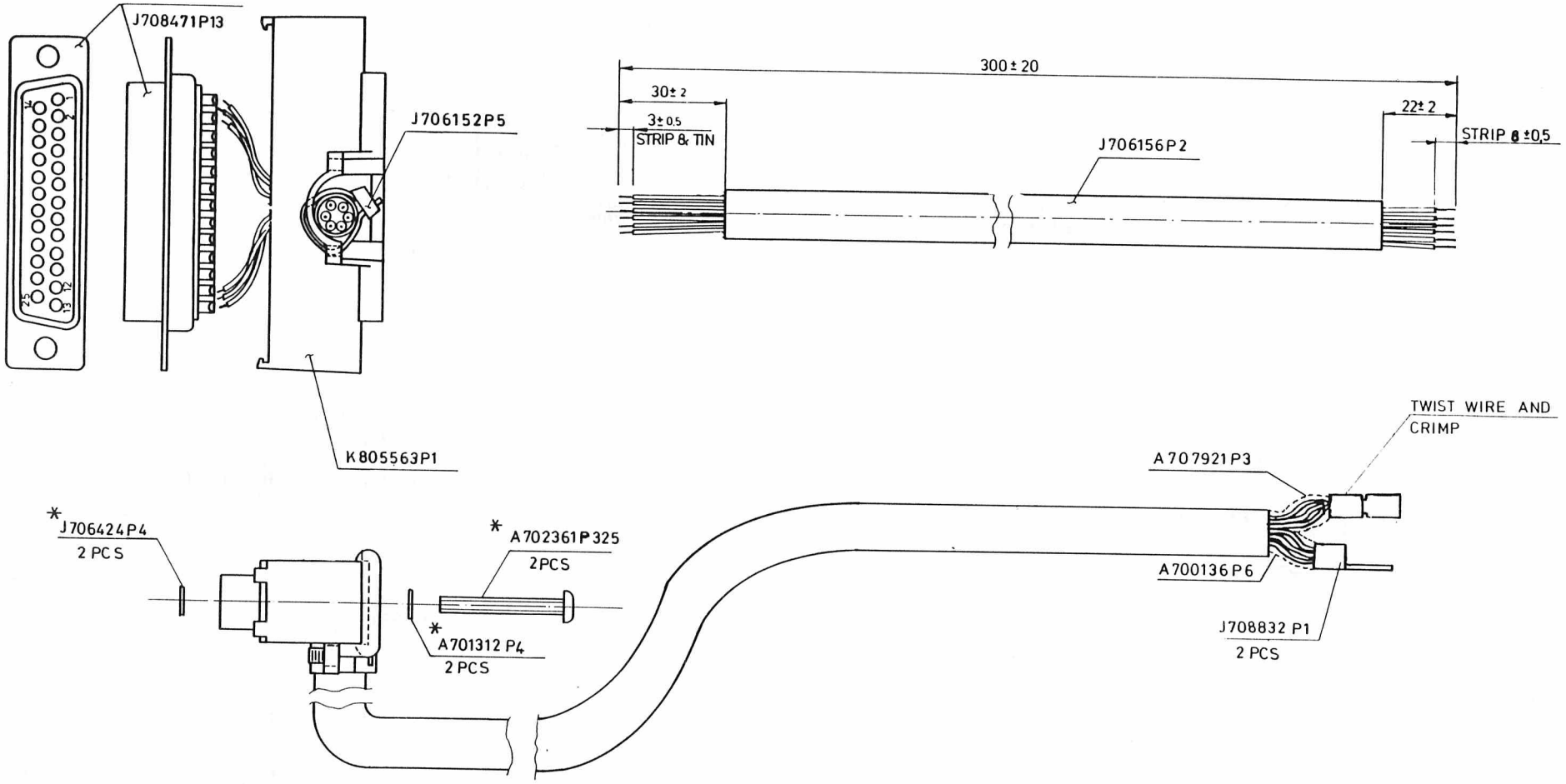
Pos	Code No	Description	Qt

PARTS LIST CABLE KIT BETWEEN RADIO AND ACCESSORIES CC6003 : L855688G1 X404.673

ITEM NUMBER	DESCRIPTION
L855688G1	CC 6003 CABLE KIT, - W. SMALL JUNCT. BOX
L855758G1	SUB ASM. A001: - CPNT BD ASM CC6003
L855752G1	SUB ASM. W001: - CABLE ASM

P A R T S L I S T :

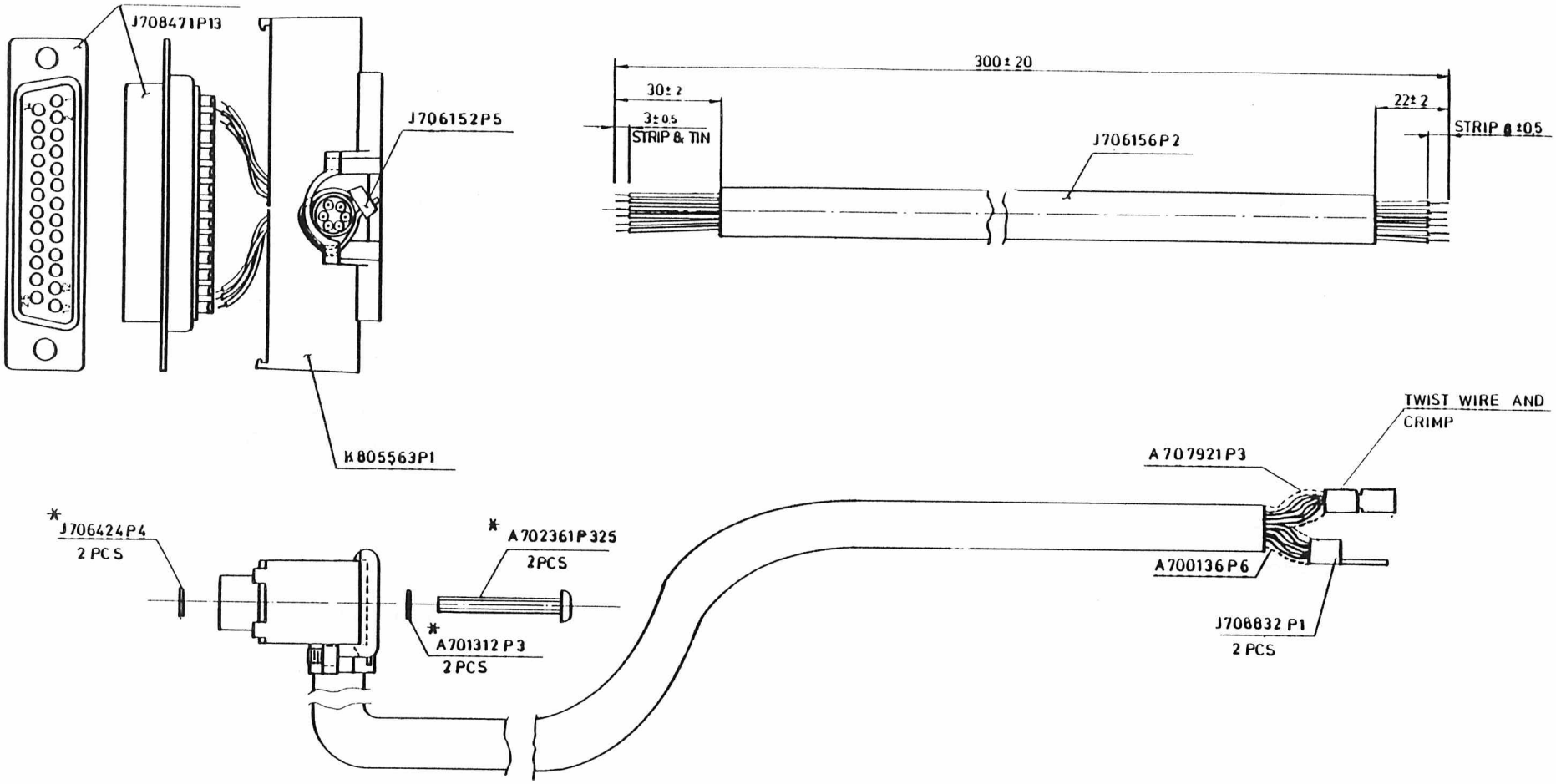
CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
A001	L855758G1	CPNT BD ASM CC6003	1	(SEE BELOW)
W001	L855752G1	CABLE ASM	1	(SEE (BELOW)
0002	K805625P1	HOUSING MODIFIED	1	
0003	J706307P35	NAME PLATE CC6003	1	
0004	A702361P325	SCREW PAN HD M-2.5X25.0 MM	2	
0005	A701312P3	WASH FLAT D-2.5X6.50 MM	2	
0006	J706424P4	WASH NYL 2.2X6.3X1.0 MM	2	
0007	J706212P101	SCREW PAN HD SZ-2.0X4.8 MM	2	
0008	A701507P610	SCREW PAN HD SZ3.5X15.9AB	2	
0009	J706152P5	STRAP RET W BDL D19 NYL	1	
A001 :	L855758G1 :	CPNT BD ASM CC6003 :		
D001	A700028P1	DIO SI SIG 1N4148	1	
D002	A700028P1	DIO SI SIG 1N4148	1	
J001	J708100P2	TERM TAB SPADE	1	
J002	J708100P2	TERM TAB SPADE	1	
J003	J708925P1	CONN PT PIN L-9,7 MM	10	
J004	J708925P1	CONN PT PIN L-9,7 MM	3	
J005	J708925P1	CONN PT PIN L-9,7 MM	3	
J006	J708925P1	CONN PT PIN L-9,7 MM	3	
0002	L855759P1R0	BOARD PW., REVISION NO.: 0	1	
W001 :	L855752G1 :	CABLE ASM. :		
P001	J708471P13	CONN MULTI RECP 25-WAY	1	
W001	J708149P216	CABLE, MULTI 16 COND	1,0 M	
0002	K805563P1	COVER DUST	1	
0003	J706152P5	STRAP RET W BDL D19 NYL	1	



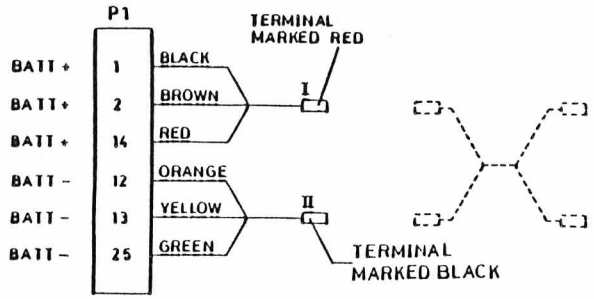
* ITEMS NOT USED WITH MN 6002 MN 6006, MN 6008, AND MN 6009.

CABLE KIT CC6004

L855766G1 | M405.220/3



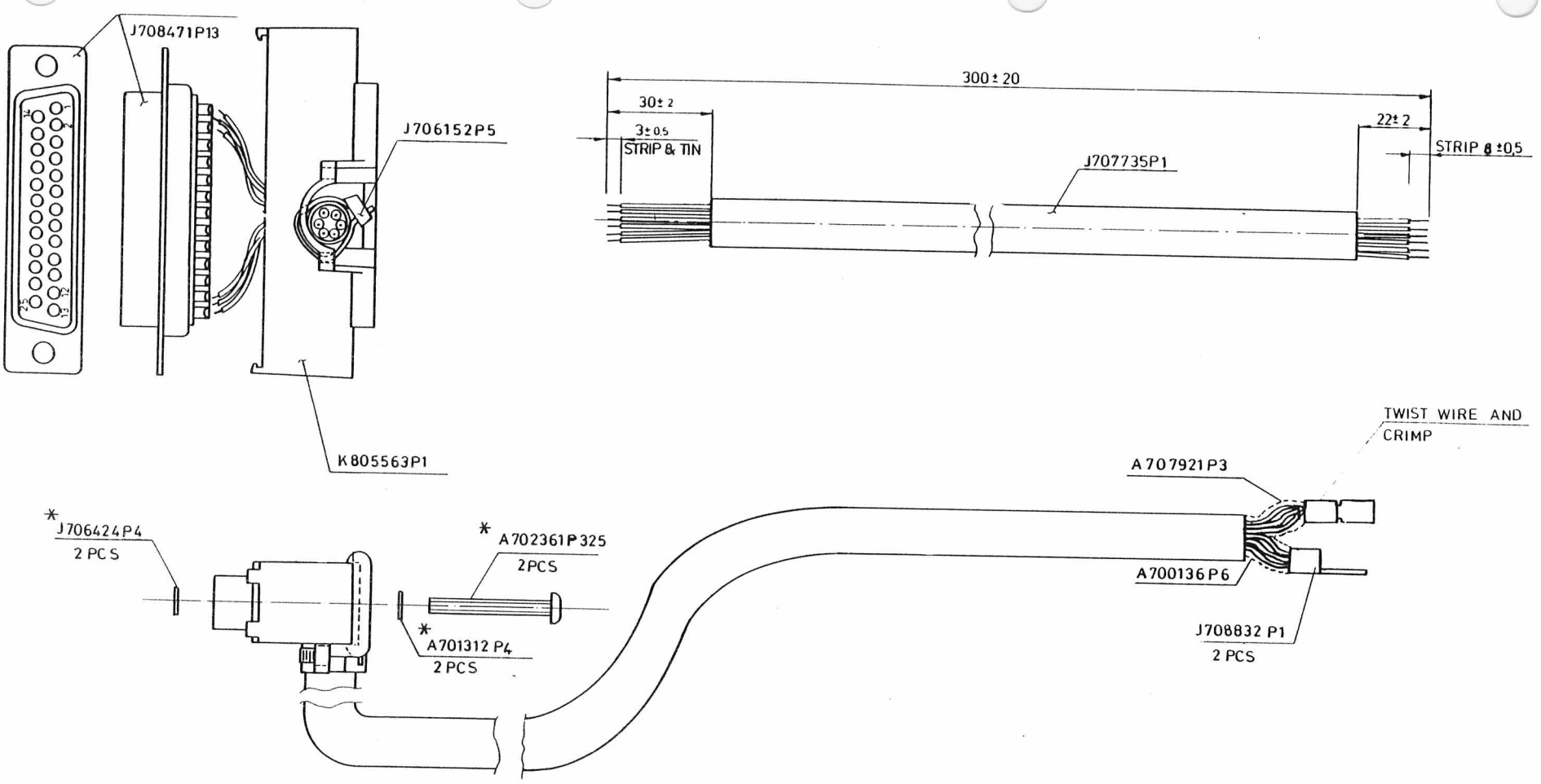
"D" CONNECTOR

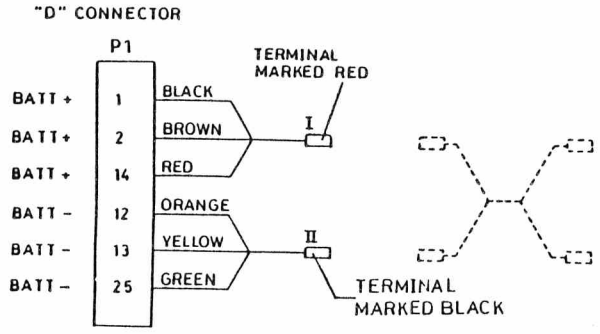


* ITEMS NOT USED WITH MN6002 MN6006, MN6008, AND MN6009.

CABLE KIT CC6004

L85576G1 M405.[illegible]/2

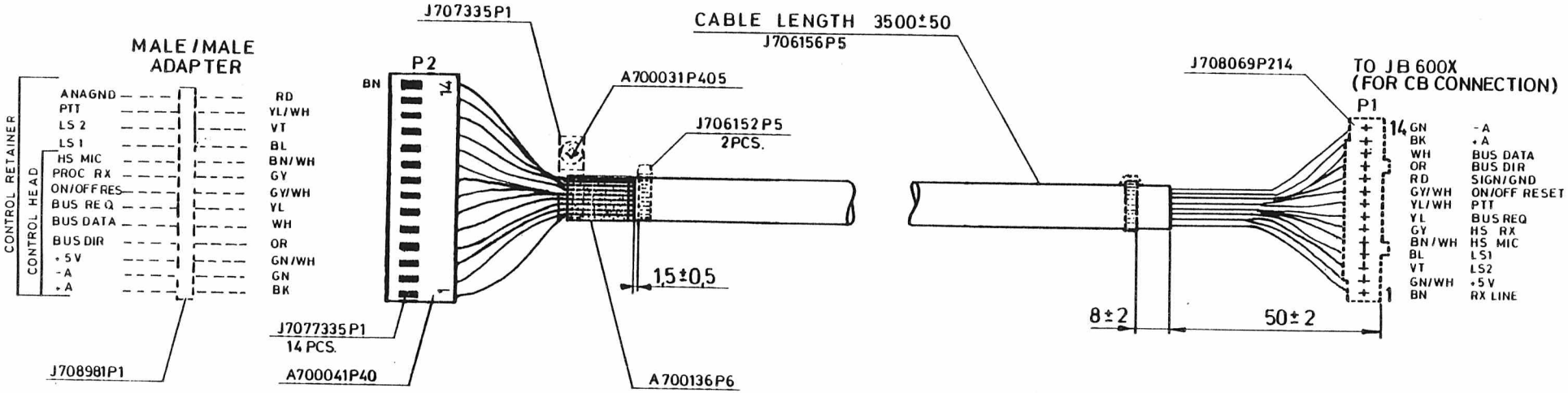


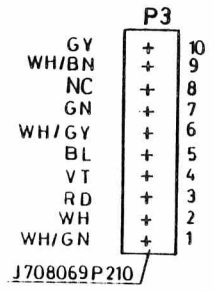


* ITEMS NOT USED WITH MN 6002 MN 6006, MN 6008, AND MN 6009.

CABLE KIT CC6004

L855766G1 | M405.220/4

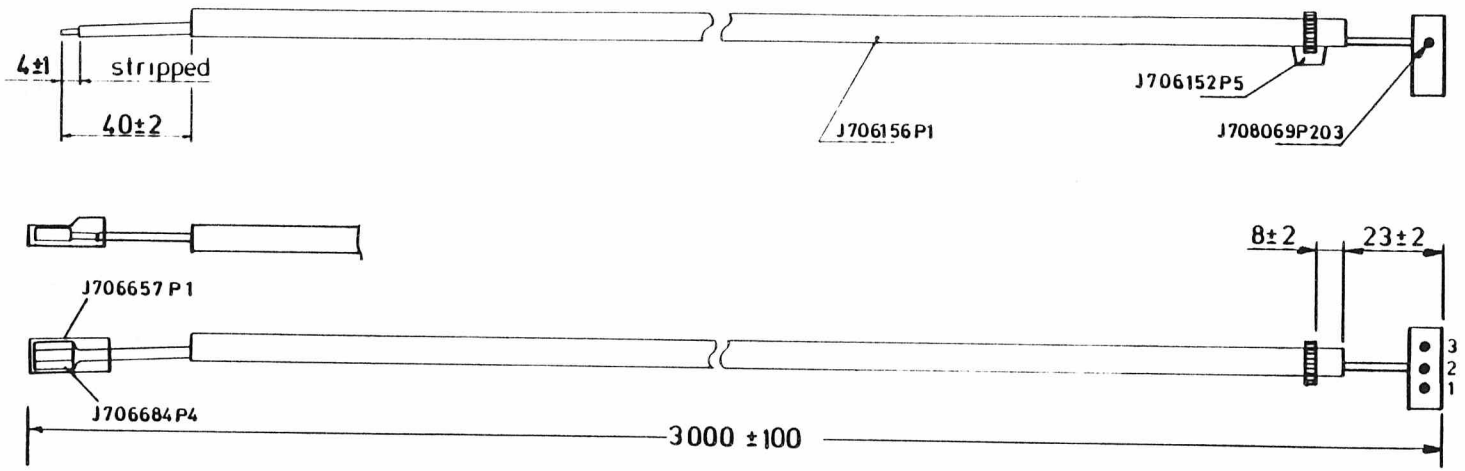




TO JB 600X
(FOR MT 6004/6007 CONNECTION)

CABLE KIT ASM. CC6005

K805596G1 | M405.221/3

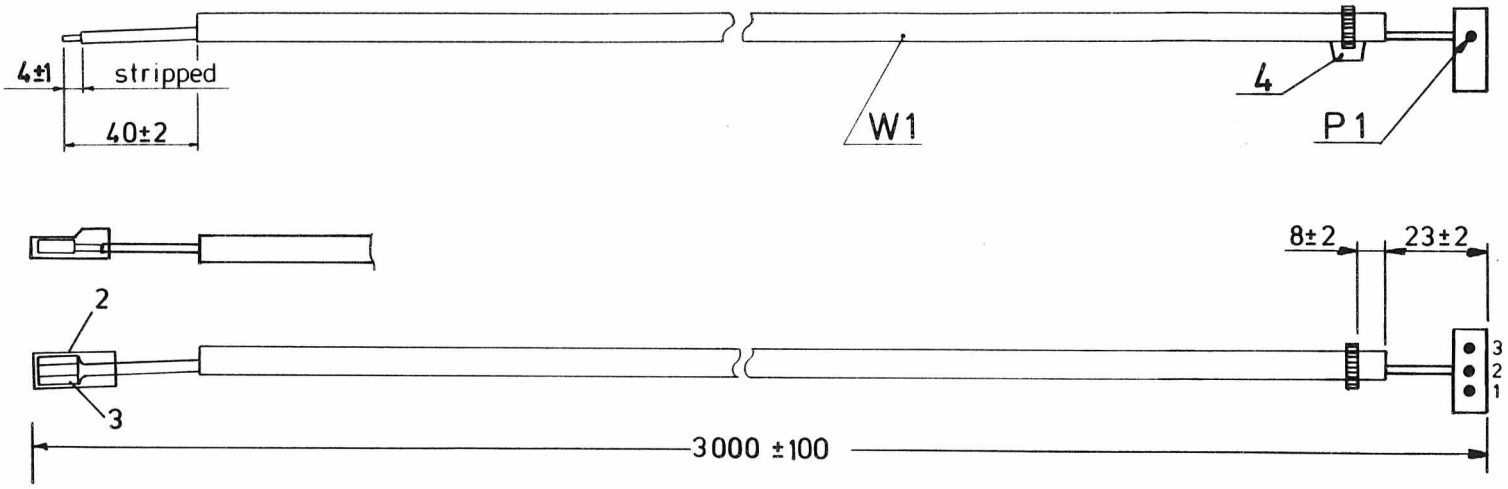


CONNECTOR P1 FUNCTION		WIRE SIZE, kv. mm/ AWG
PIN1	N. C.	
PIN2	IGNITION SWITCH	0. 35/22 RED
PIN3	N. C.	

CABLE KIT ASM. CC6006

K805713G1 | M405.222/2

Storno



NOTE:

IEC 304 COLOR CODE 2 IN GATE 2
COLOR CODE 1 IS CUT OFF

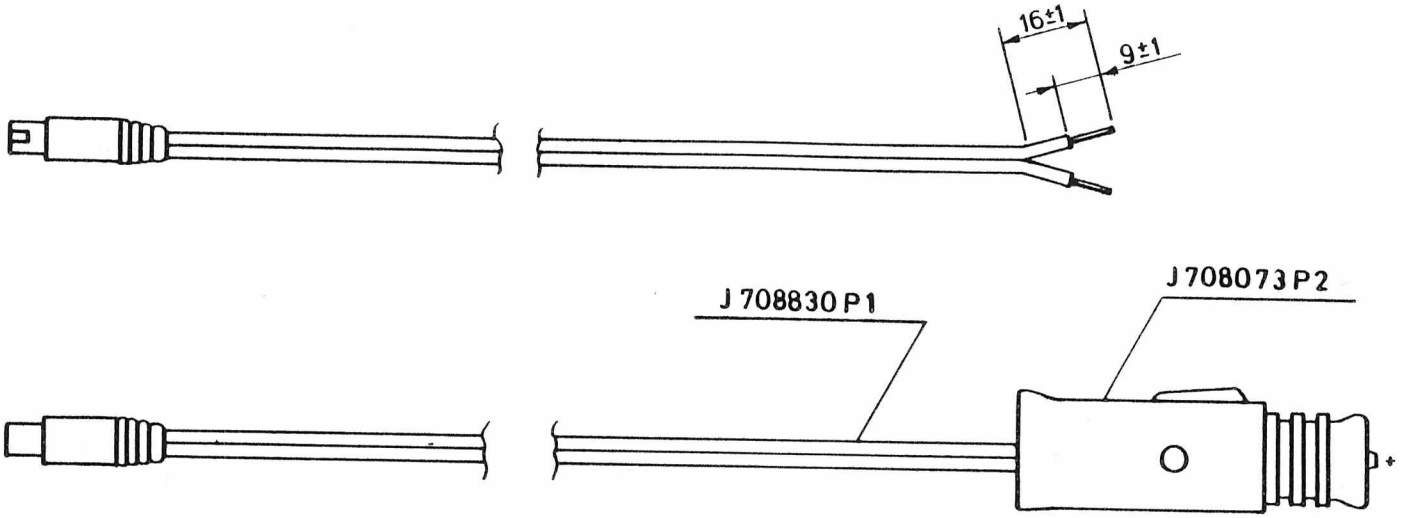
COLOR CODE IEC 304	
0	BLACK
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GREY
9	WHITE

Connector P1	Function	Wire size, kv.mm/ AWG
Pin 1	N.C.	
Pin 2	Ignition switch	0.35/22
Pin 3	N.C.	

See part list X404.115

CABLE KIT ASM.CC6006

K805713G1 M405.222



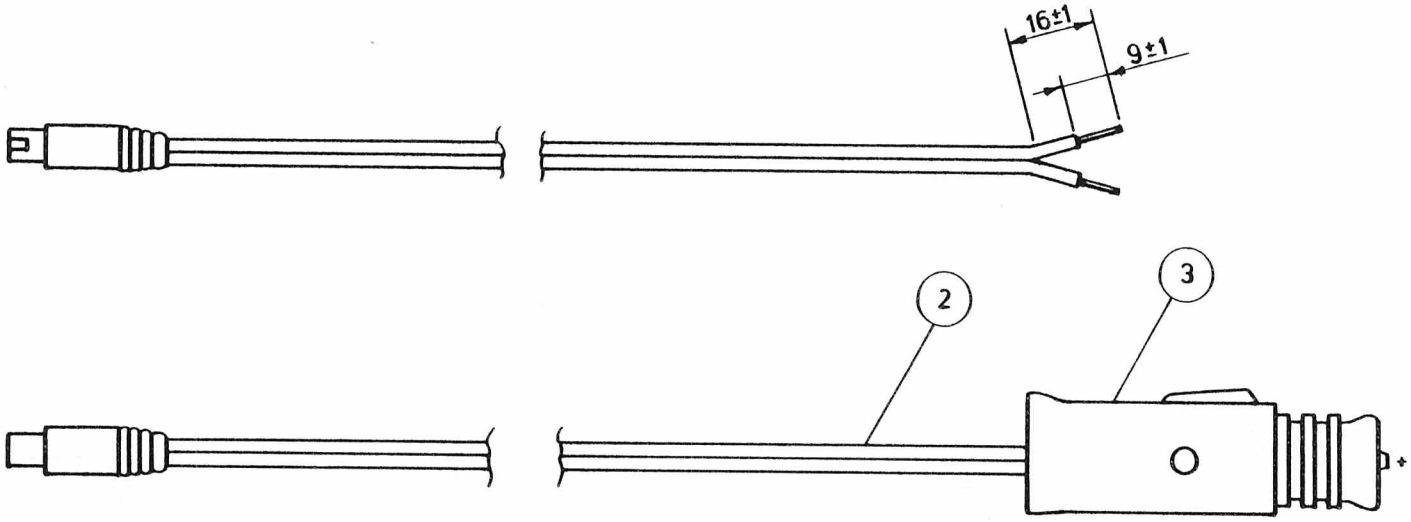
NOTE:

1. WIRE WITH GROOVES TO CENTER PIN OF CONNECTOR

CABLE ASSEMBLY CC6007

K805736G1 M405. 223/2

Storno



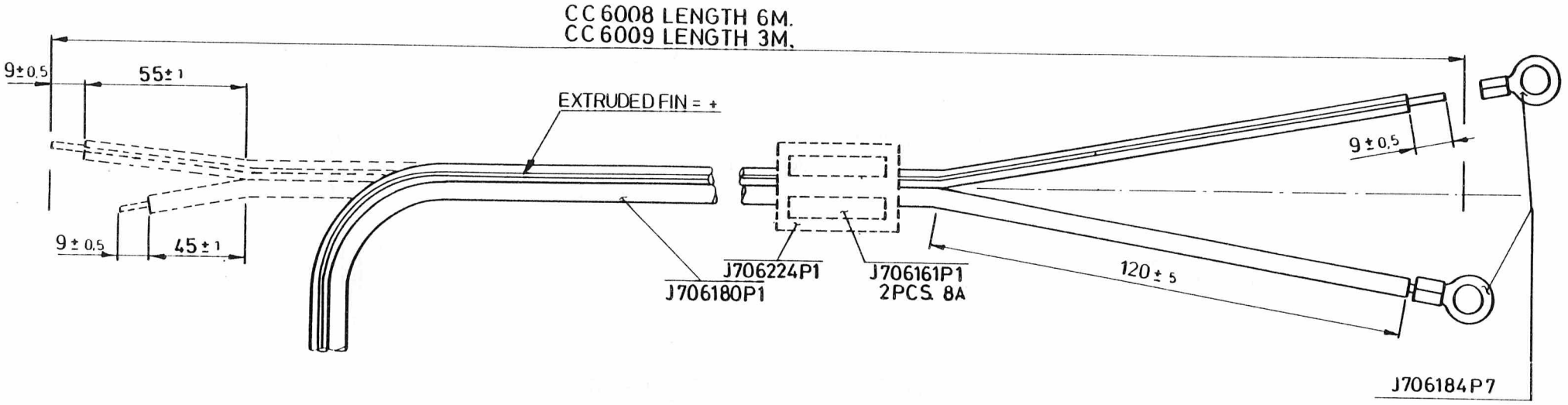
NOTE:

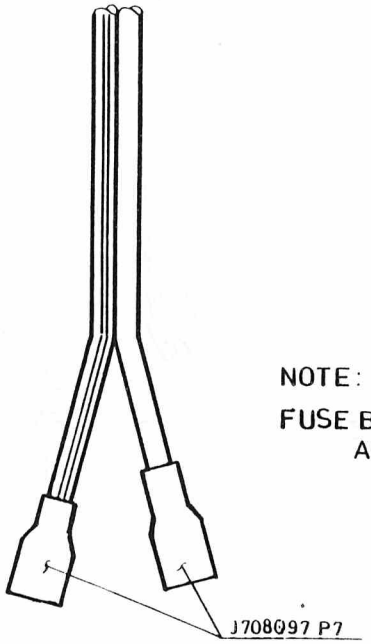
1. WIRE WITH GROOVES TO CENTER PIN OF (3)

SEE PART LIST X404. 116

CABLE ASSEMBLY CC6007

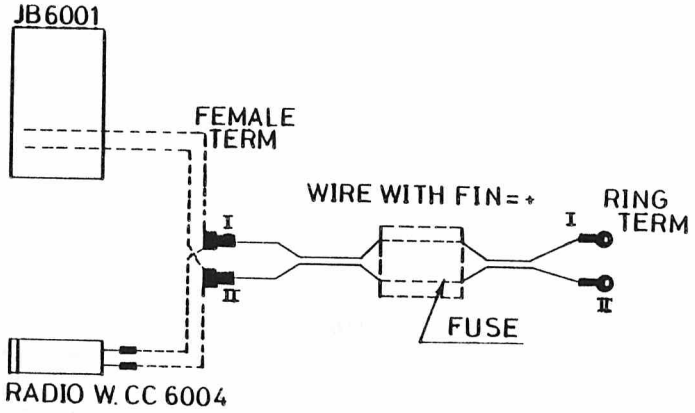
K805736G1 M4[illegible]223





NOTE:

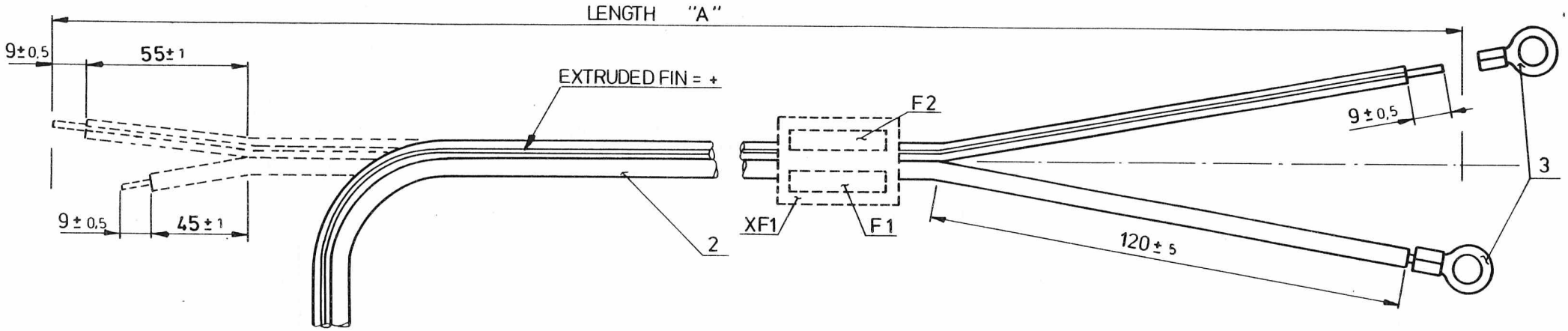
FUSE BOX USED AT INSTALLATION TIME AND TO BE PACKED SEPARATELY.

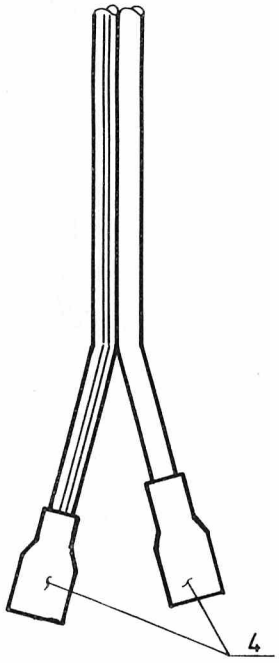


POWER CABLE CC6008, CC6009

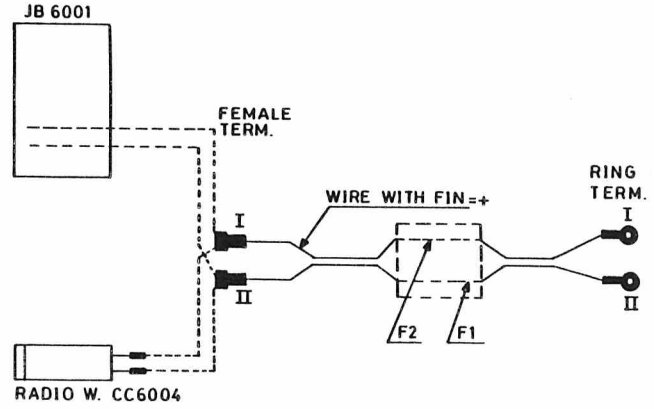
K805720G1 & K805720G2 M405.224/2

Storno





G2	3000 ±30	CC 6009
G1	6000 ±30	CC 6008
G. NO	LENGTH "A"	DESCRIPTION



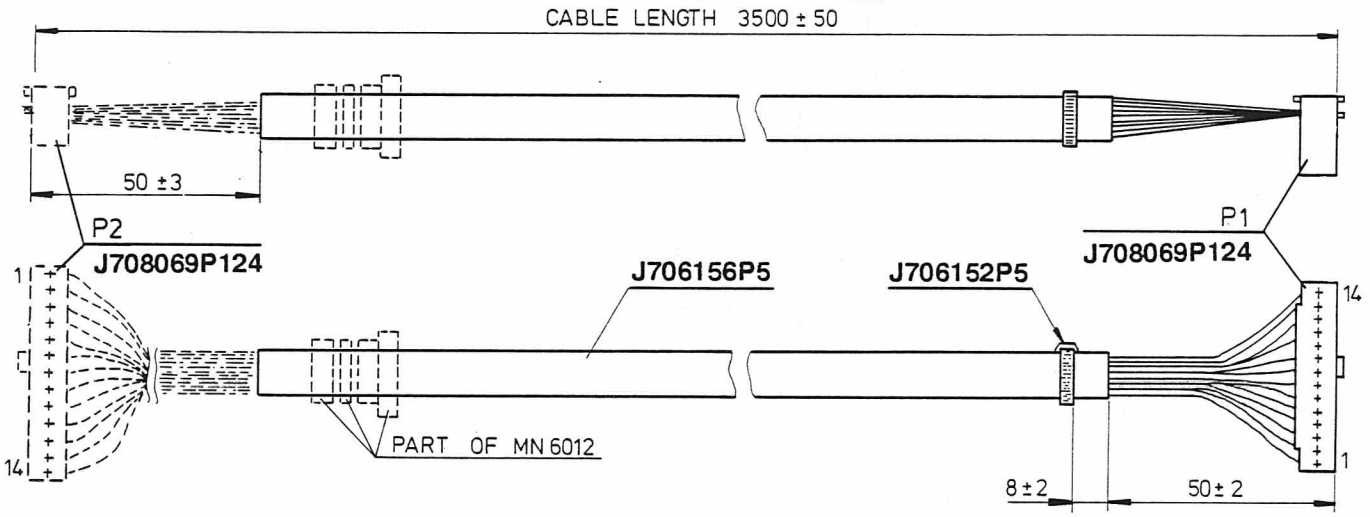
NOTE:

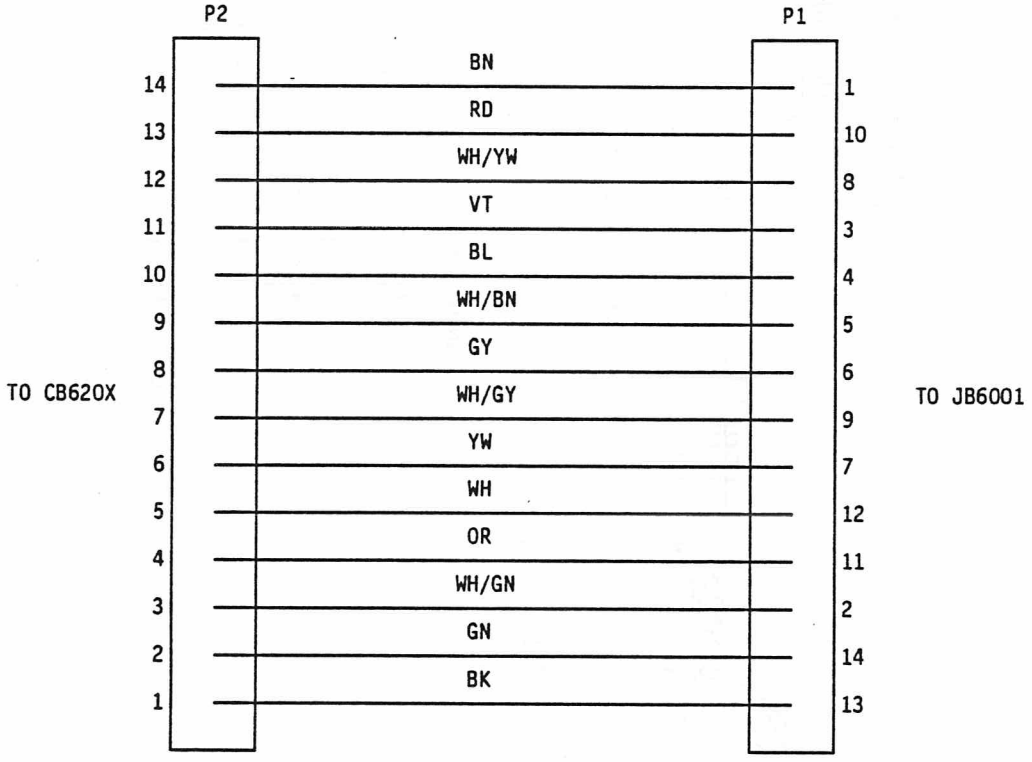
1. XF1 USED AT INSTALLATION TIME AND TO BE PACKED SEPARATELY.

SEE PART LIST X404.117

POWER CABLE CC6008, CC6009

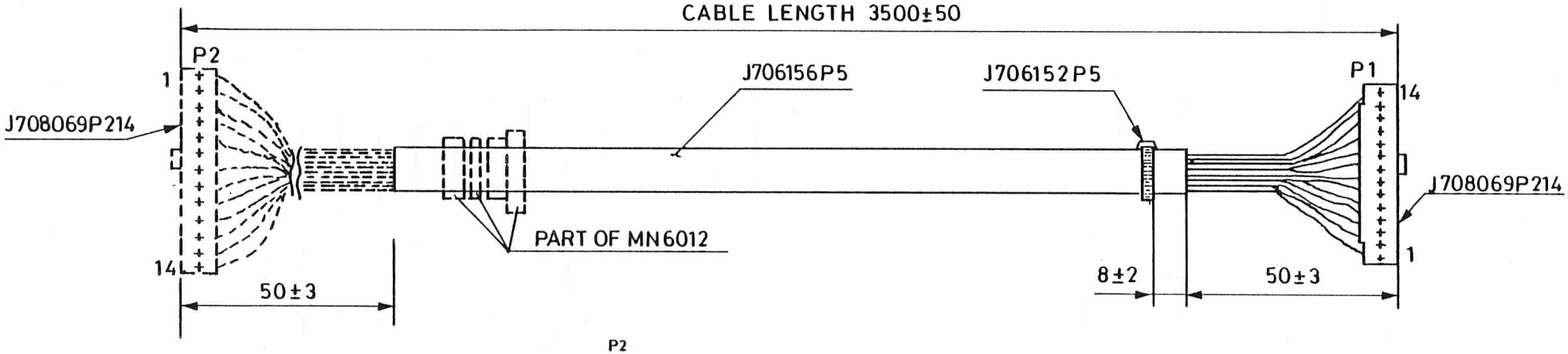
K805720G1 & K805720G2 | M405.224

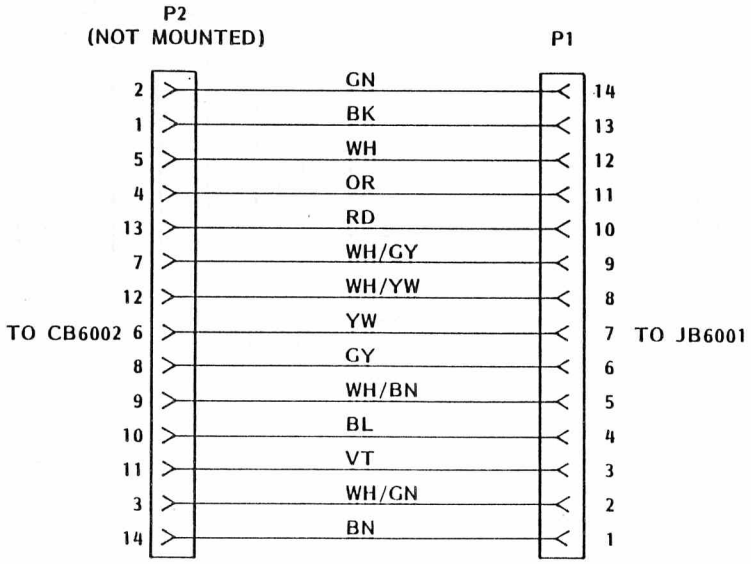




CABLE ASSEMBLY FOR CC6013

CODE NO. K805892G1 **M405.327/2**

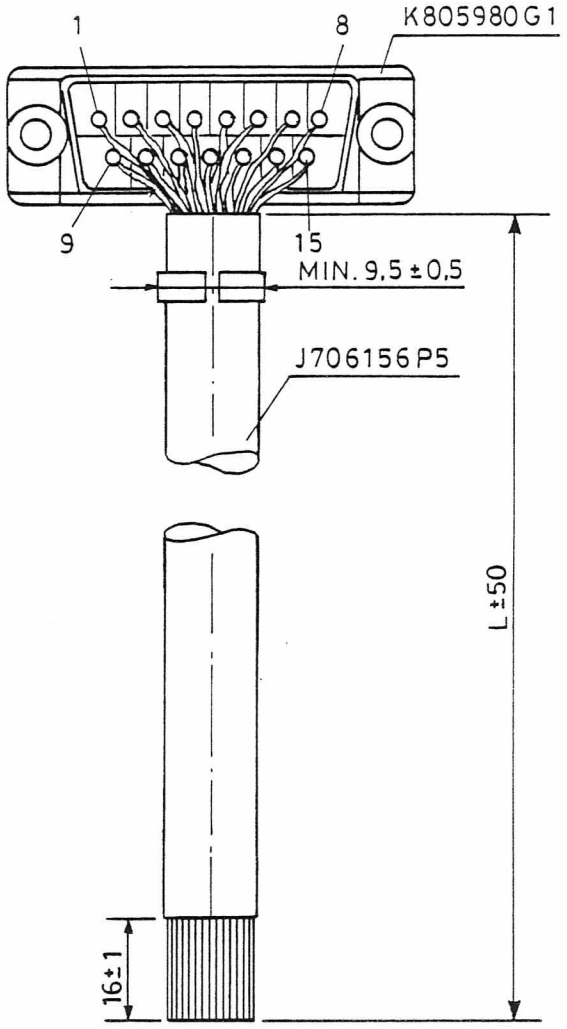




CABLE ASSEMBLY CC6013
CODE NO. K805892G1

M40[illegible]27

P1	CABLE W1	
POS.	COLOUR	FUNCTION
1	BROWN	BATT +
2	RED	MIC.
3	ORANGE	+ 5V
4	YELLOW	PTT
5	GREEN	BUS DIR
6	BLUE	BUS REQ
7	VIOLET	LS +
8	GREY	LS -
9	WHITE	SIGN GND
10	BLACK	PROC.RX OUT
11	---------	NC
12	WH/BROWN	ON/OFF RESET
13	WH/GREEN	BUS DATA
14	WH/YELLOW	HOOK SWITCH
15	WH/GREY	GND



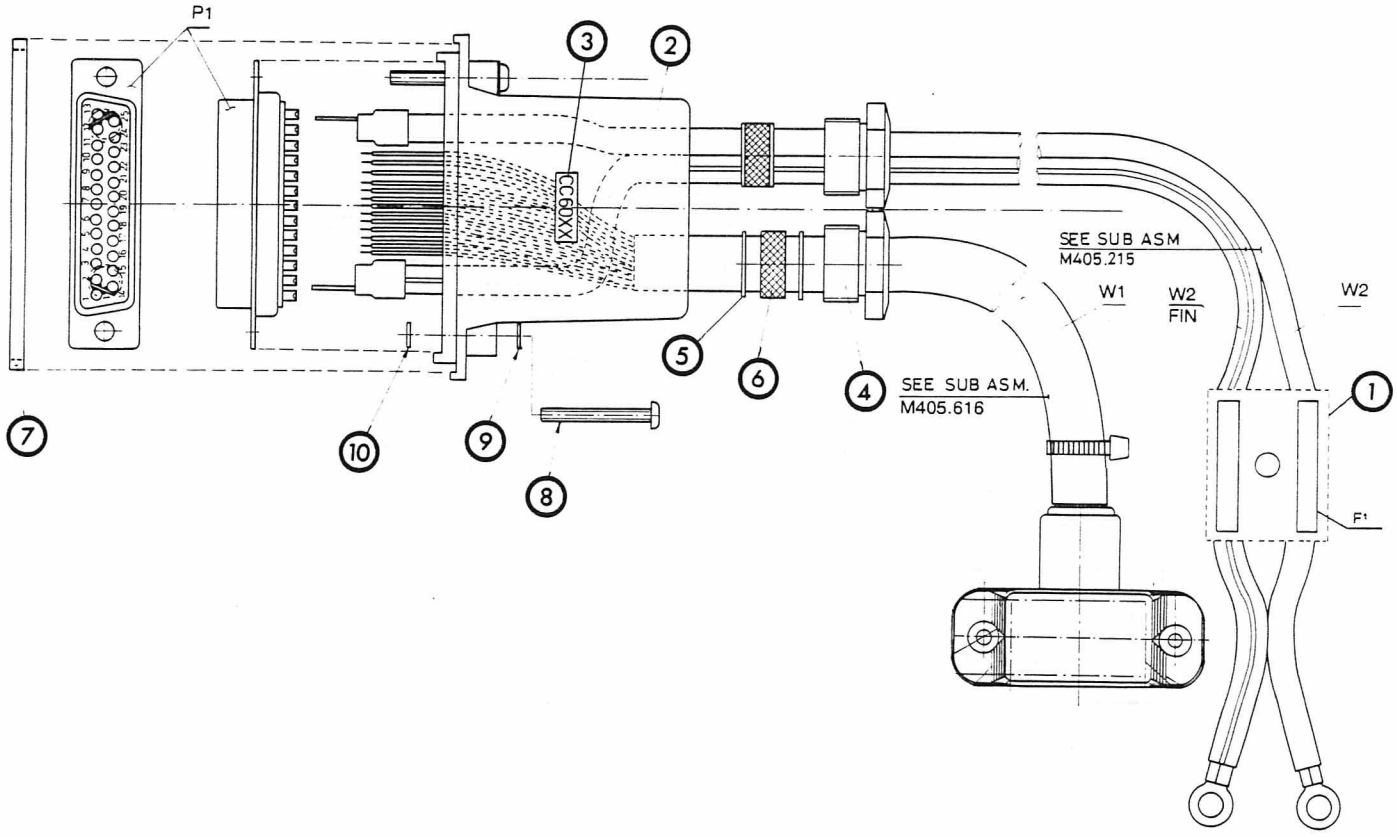
CODE NO.	DESCRIPTION
L856056G1	CONNECTOR MOULDED
J708069P8	CONN,PWB,FEM 08-CKT
J710456P316	SCR,CHS HD M-3.0X16.0
J706880P2	WASH,SEAL 3.0X 4.95

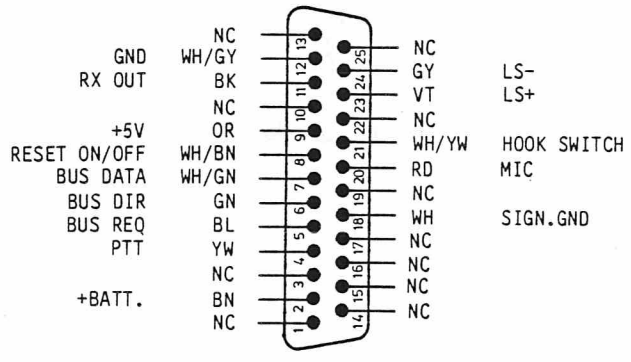
L856056G1/G3: INCL. CONN. FOR CC6016/CC6034 + 2.5M 14-CONDUCTOR MULTICABLE
L856056G2: INCL. CONN. FOR CC6029 + 6.0M 14-CONDUCTOR MULTICABLE
L856056G4: INCL. CONN. FOR CC6038 + 3.5M 14-CONDUCTOR MULTICABLE

MECHANICAL PARTS LIST FOR CC6029 : L856214G1

Pos	Code No.	Description	Qt
F1	J706161P1	FUSE 8A	2
P1	J708471P13	CONN MULTI RECP 25-CKT	1
W1	L856056G2	CONNECTOR MOULDED	1
W2	K805603G1	CABLE ASM CC 6001	1
1	J706224P1	FUSE BOX	1
2	L855665P1	HOUSING	1
3	J706307P93	NAME PLATE CC 6029	1
4	J708562P2	COUPLING THREAD CABLE	1
5	J708563P2	WASHER	2
6	J708566P1	GASKET	1
7	J708560P1	GASKET	1
8	A702361P316	SCREW PAN HD 2.5X16.0	2
9	J706424P2	WASH NON MET 2.7X 6X1.0	2
10	J706424P4	WASH NON MET 2.2X6.3X1	2

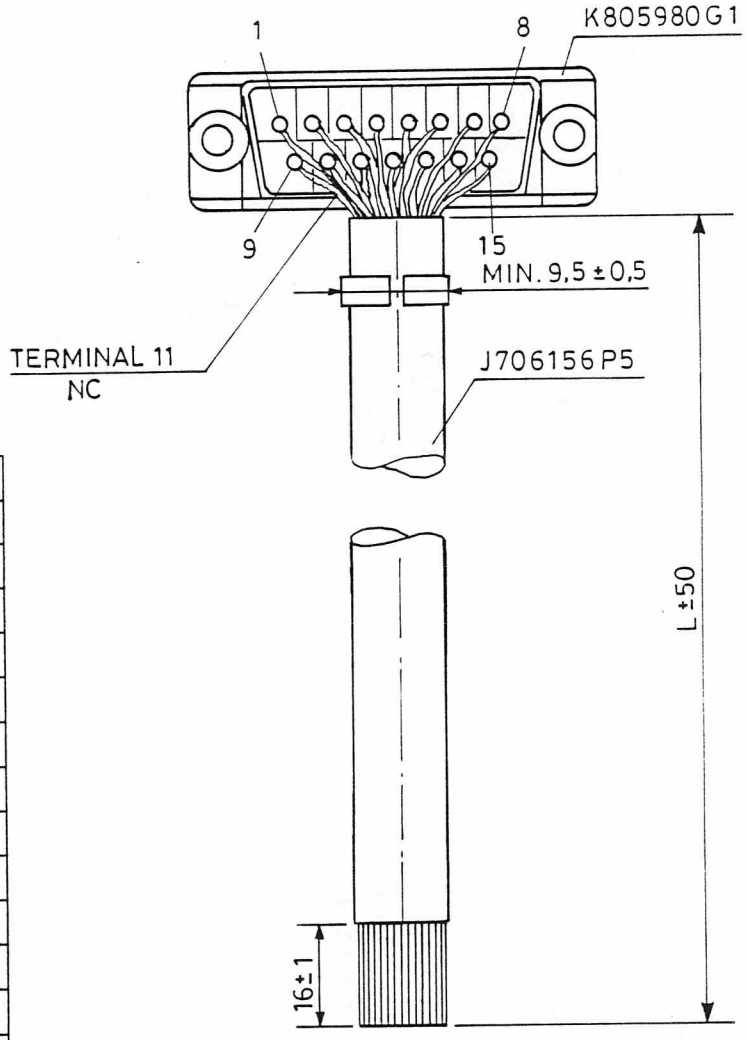
Pos	Code No.	Description	Qt





CABLE ASSEMBLY FOR CC6029

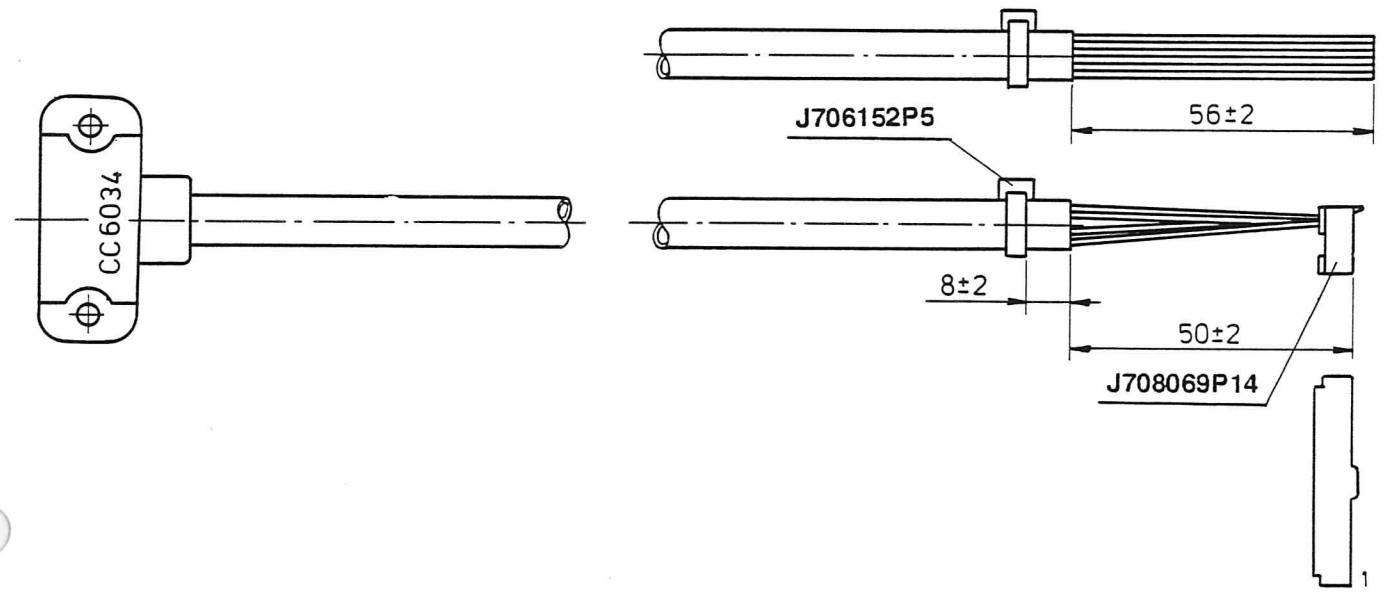
CODE NO. L856214G1 **M405.615**



W1	P1
COLOER	POS.NO.
BN	1
RD	2
OR	3
YW	4
GN	5
BL	6
VT	7
GY	8
WH	9
BL	10
WH/BN	12
WH/GN	13
WH/YW	14
WH/GY	15

	L	
G1	2500	CC6016
G2	6000	CC6029

CABLE AND CONNECTOR ASSEMBLY
CODE NO. K805938G1/G2



W1	P1	
COLOR	POS.NO.	
	1	N.C
OR	2	+5V
GY	3	LS-
VT	4	LS+
RD	5	MIC.HI
BK	6	PROC.RX
BL	7	SERVICE REQ
YW	8	PTT
WH/BN	9	ON/OFF RESET
WH	10	SIGNAL GND
GN	11	DIR
WH/GN	12	DATA
BN	13	+13V (BATT)
WH/GY	14	BATT GND
WH/YW	CUT	

CABLE ASSEMBLY CC6034

CODE NO. K806092G1 | **M405.614**

CHAPTER 7

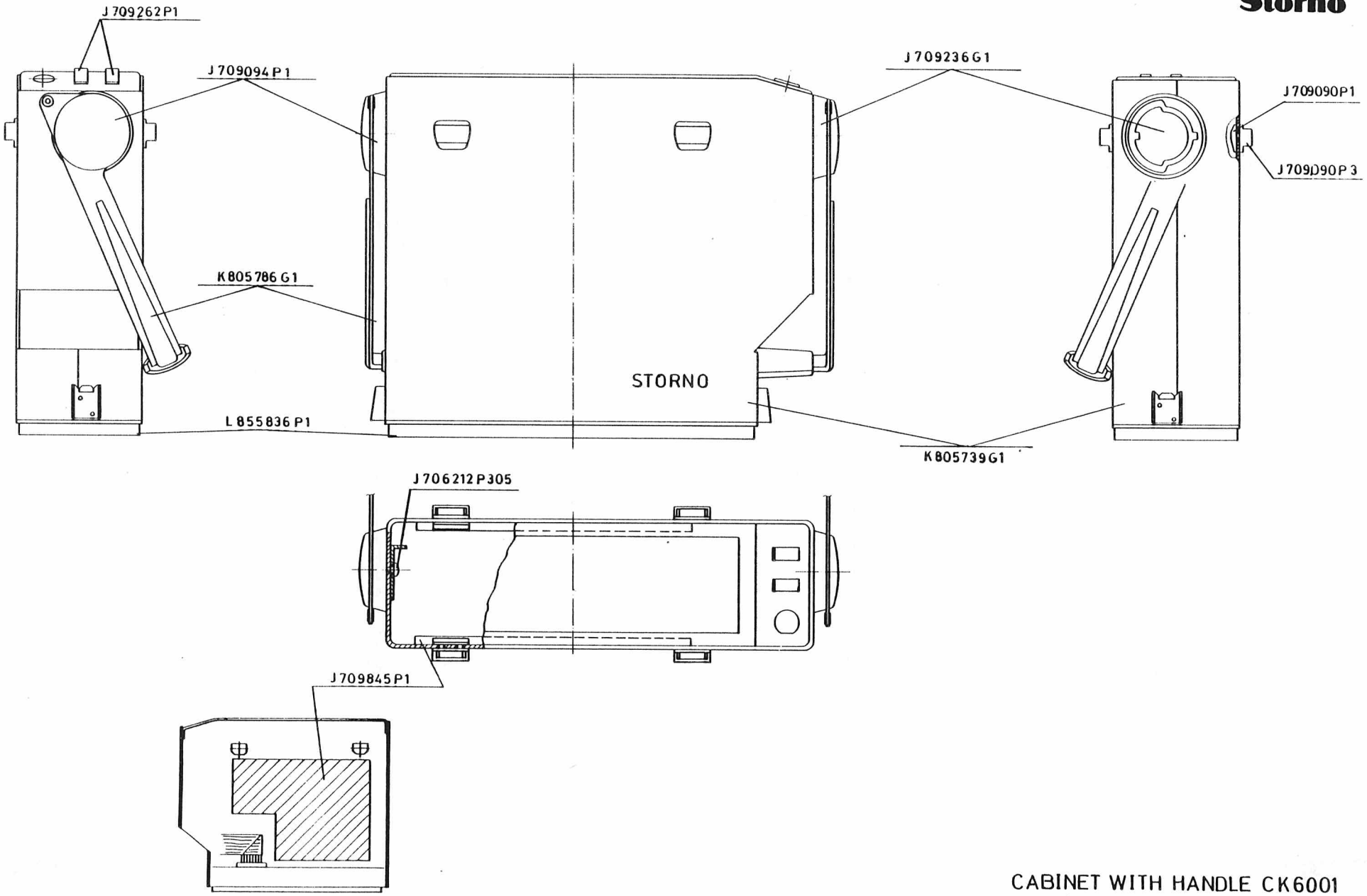
CABINET/PORTABLE

CABINET FOR PORTABLE VERSION: CK600X

- CK6001
- CK6003

Storno

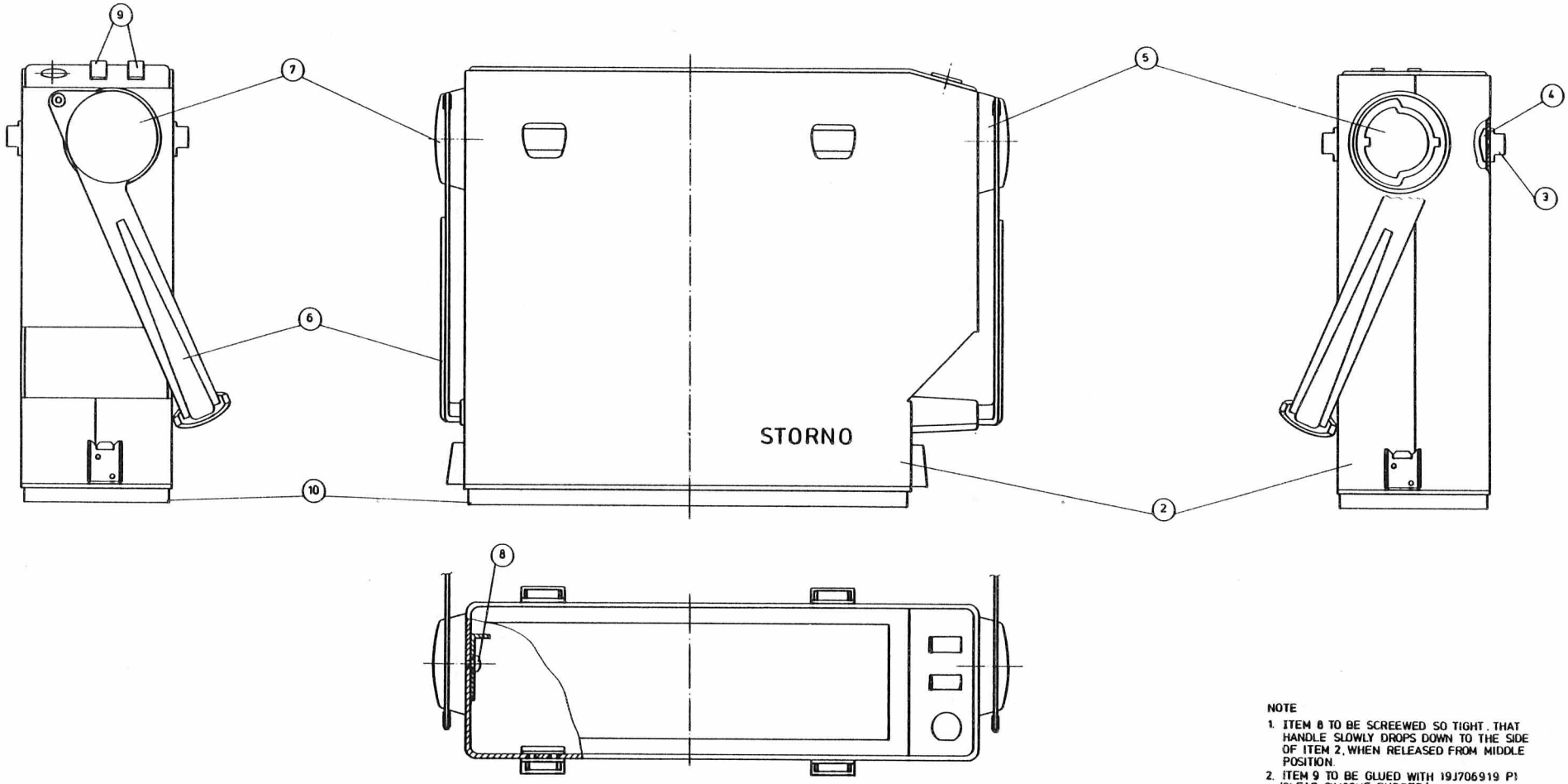
Storno



CABINET WITH HANDLE CK6001
M906150G1

M405.235/2

Storno



NOTE

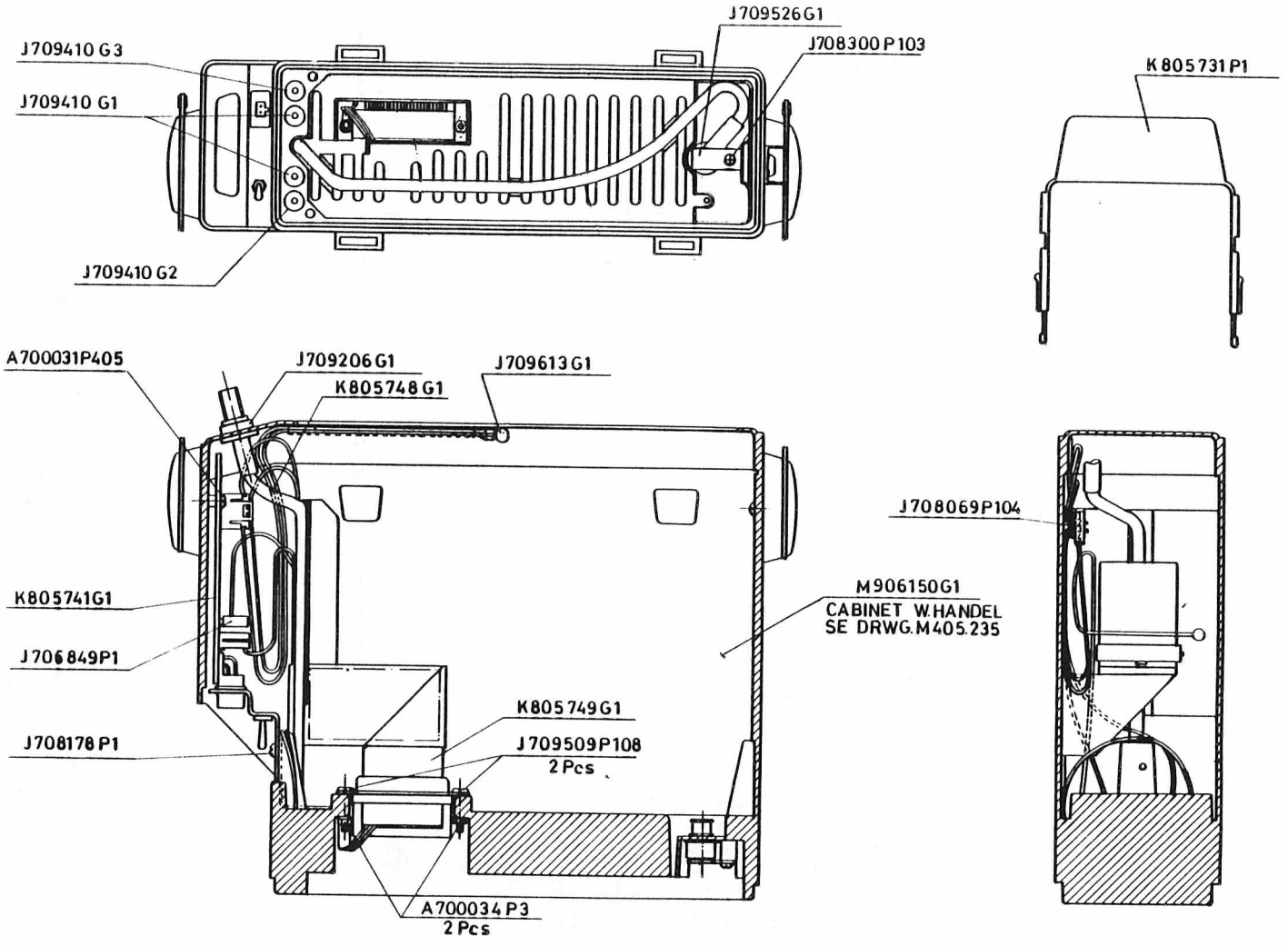
1. ITEM 8 TO BE SCREEWED SO TIGHT, THAT HANDLE SLOWLY DROPS DOWN TO THE SIDE OF ITEM 2, WHEN RELEASED FROM MIDDLE POSITION.
2. ITEM 9 TO BE GLUED WITH 19J706919 P1 (CLEAR SILICONE RUBBER).
3. ITEM 10 TO BE GLUED WITH 19J707789 P1 (FOSS - ETH 150).

SEE PART LIST X404.099

CABINET WITH HANDLE

M906150G1

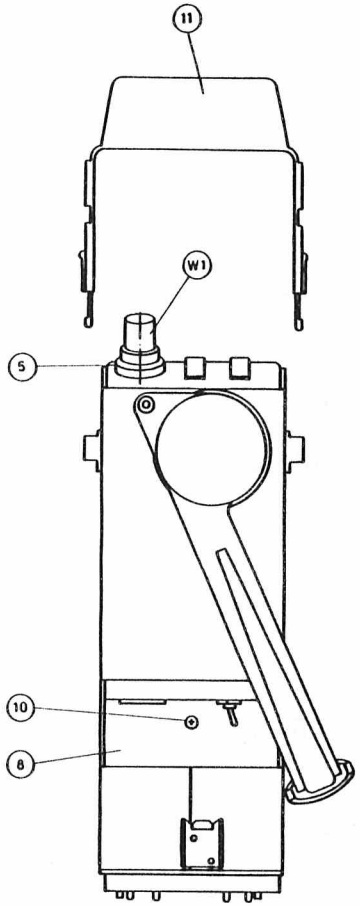
M405 235

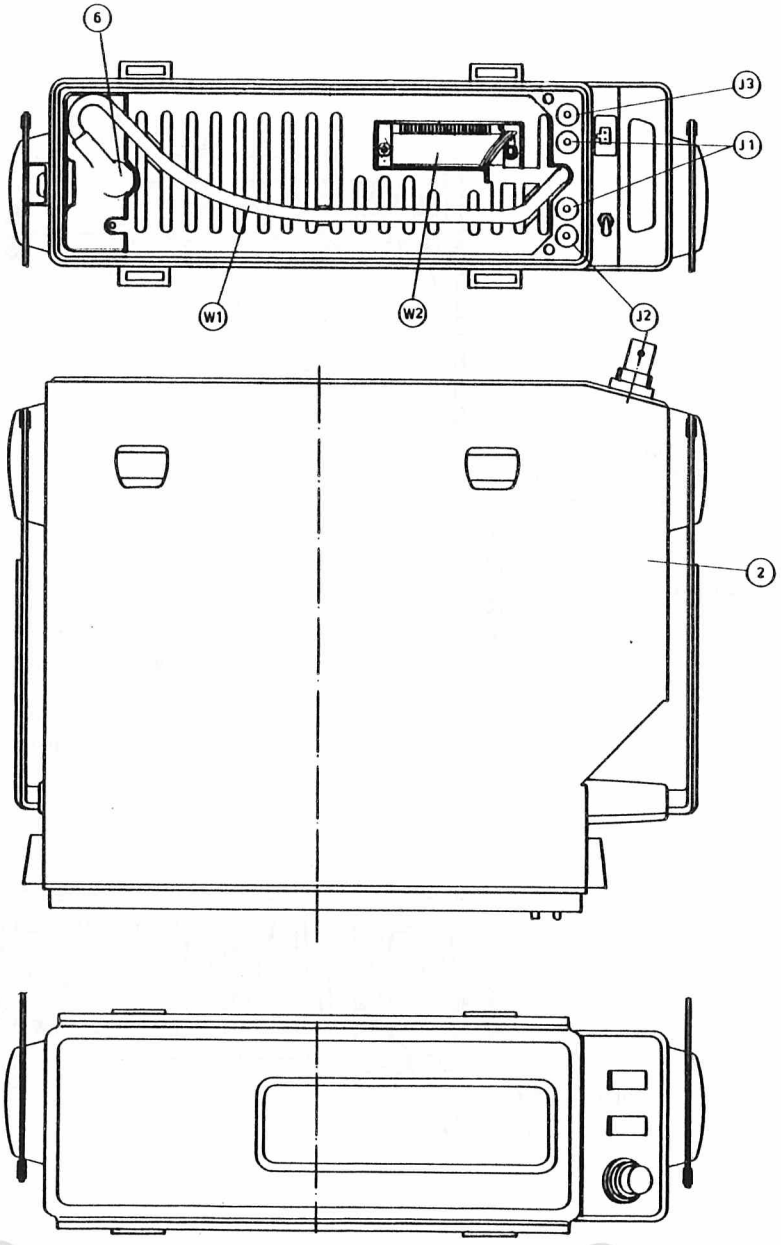


CABINET CK6001 ASM.

CODE NO. M906091G1 | M405.236/2

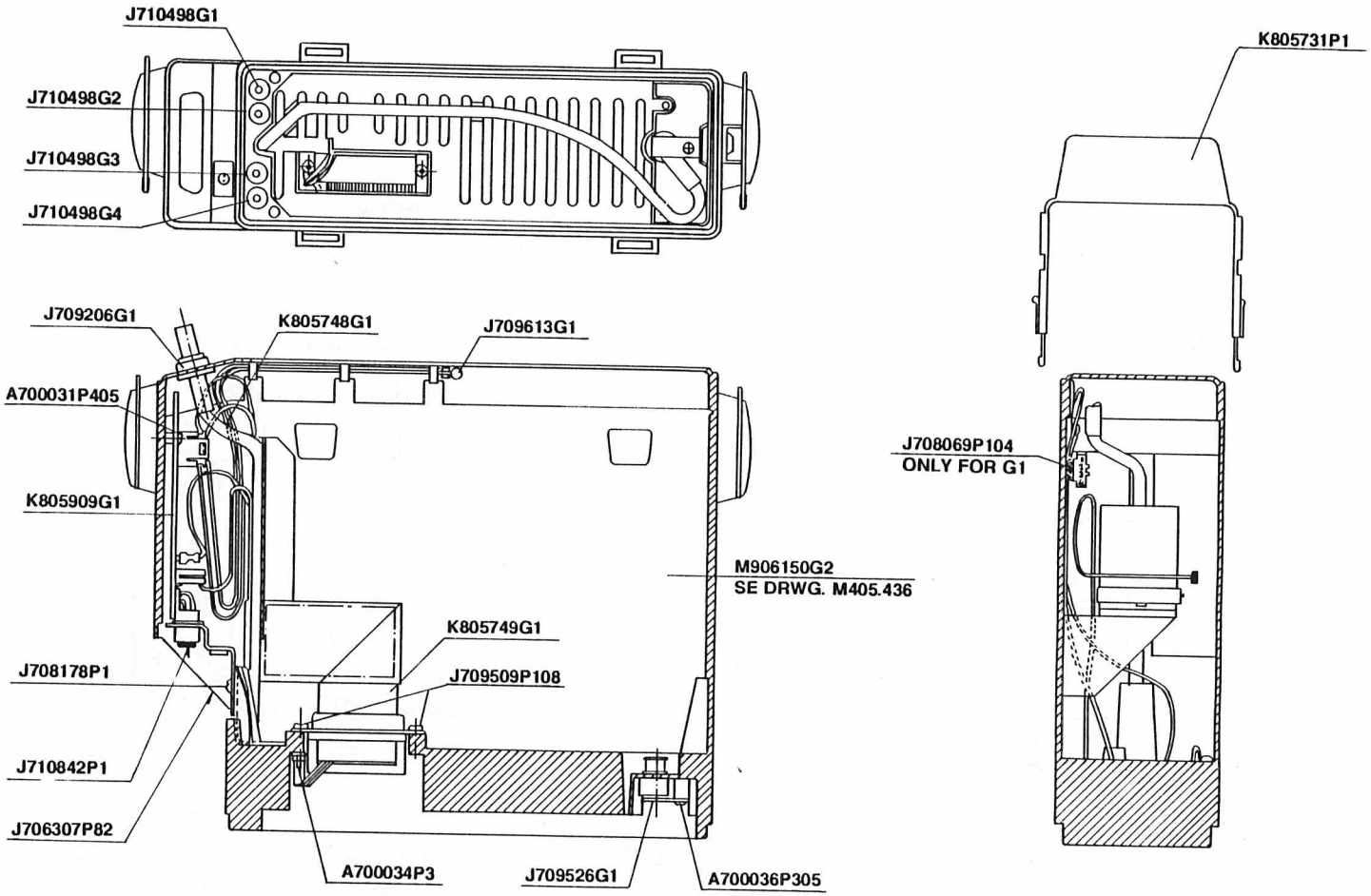
Storno





SEE PART LIST X404.099

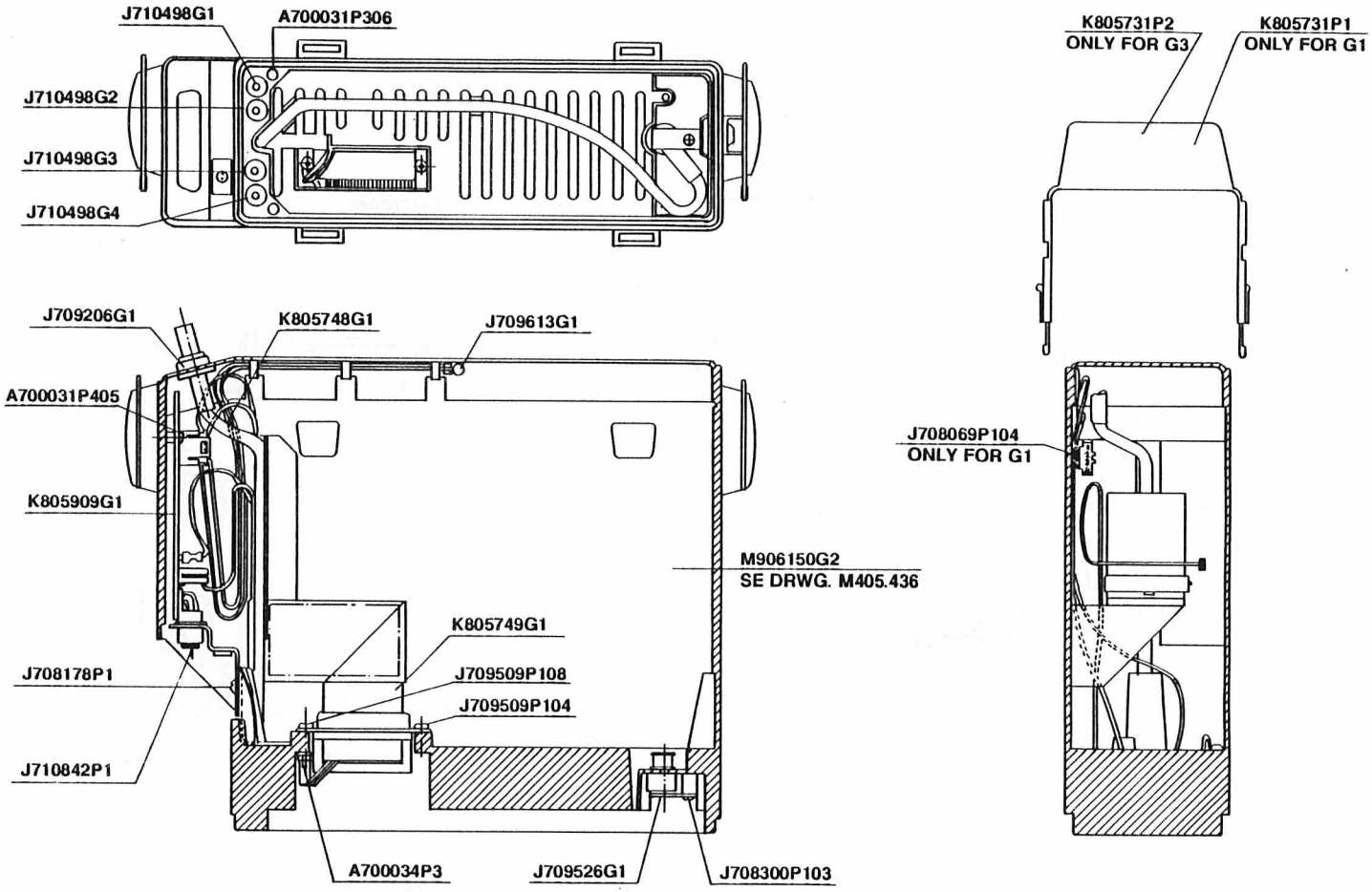
CABINET CK6001 ASM.
M906091G1



CABINET CK6003 ASM.
CODE NO. M906494G1/G3

M906494G3 ONLY FOR RADIOCOM 2000

M405.437/4



CABINET CK6003 ASM.
CODE NO. M906494G1/G3

M906494G3 ONLY FOR RADIOCOM 2000

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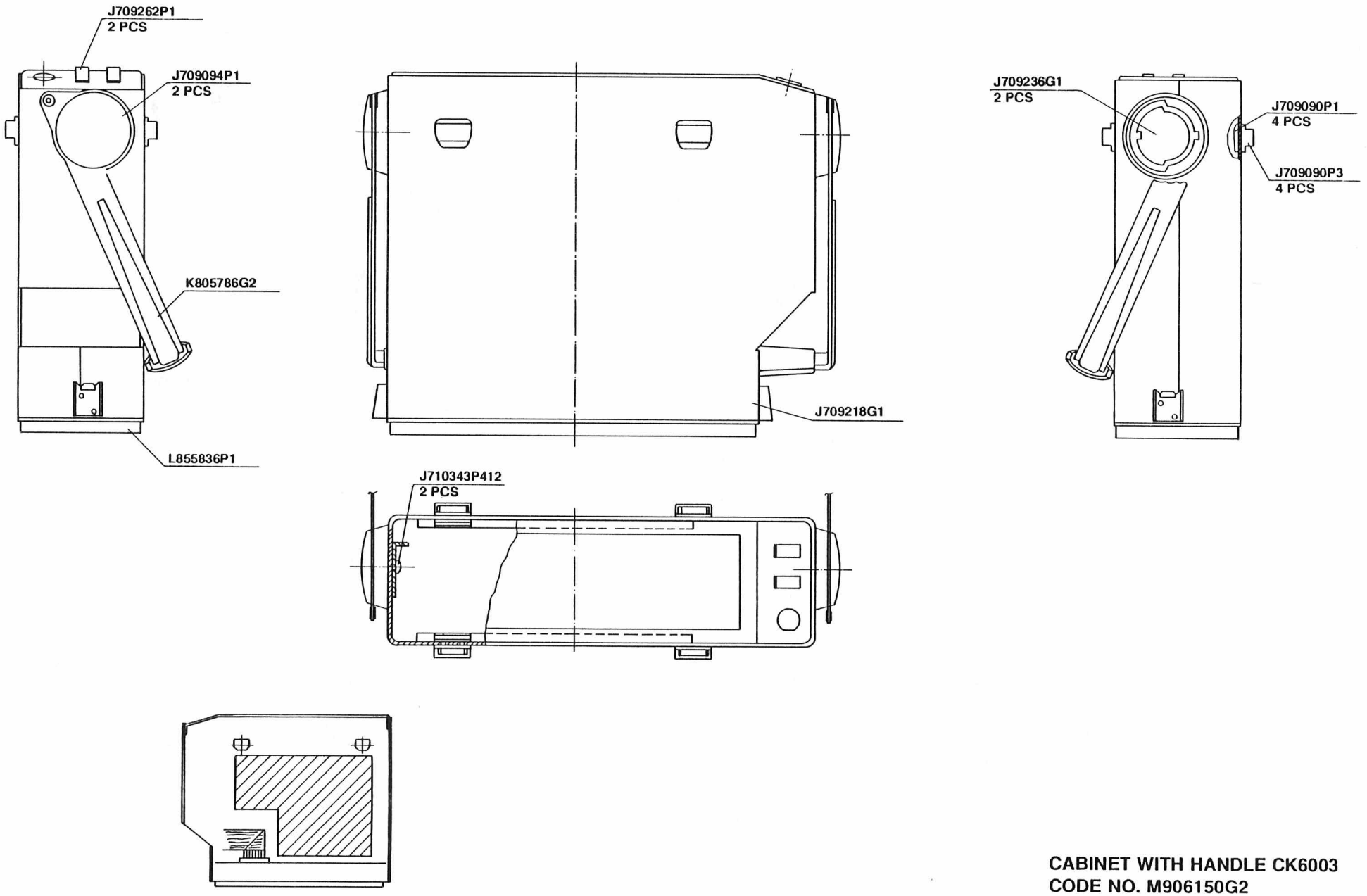
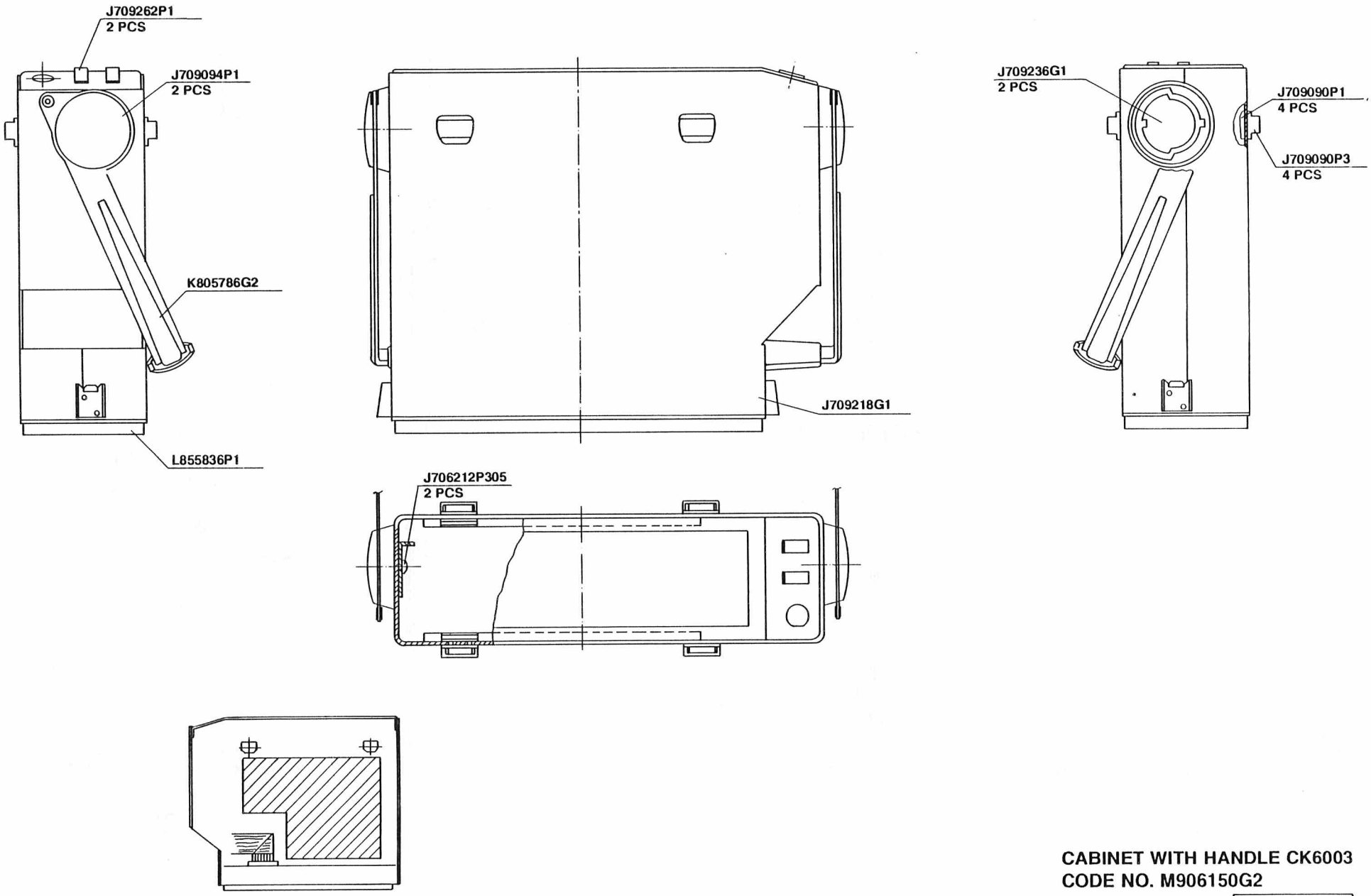


CABINET WITH HANDLE CK6003
CODE NO. M906150G2

M405.436/3



CABINET WITH HANDLE CK6003
CODE NO. M906150G2

M405 436/2

ITEM NUMBER	DESCRIPTION
M906091G1	CK 6001 ASM
K805749G1	SUB ASM.- W002: CABLE W CONN .
M906150G1	SUB ASM.: - CABINET WITH HANDLE .
K805741G1	CU 6001 - ASM., MNTD W. HEAT SINK .
M905853G1	SUB-SUB ASM.- A001: CPNT BD CU 6001 .

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
J001	J709410G1	CONTACT WITH WIRE	1	
P103	J708069P104	CONN 4 POS	1	
W003	J709613G1	WIRE WITH NTC - RESISTOR	1	
00J2	J709410G2	CONTACT WITH WIRE	1	
00J3	J709410G3	CONTACT WITH WIRE	1	
00W1	K805748G1	CABLE ANTENNA	1	
00W2	K805749G1	CABLE W CONN	1	(SEE BELOW)
0002	M906150G1	CABINET WITH HANDLE	1	(SEE BELOW)
0003	J709509P108	SCREW PH	2	
0004	A700034P3	NUT HEX M-2.5 X 0.45 MM	2	
0005	J709206G1	NUT, COATED-	1	
0006	J709526G1	BASE ANT CONN COATED	1	
0008	K805741G1	CU 6001 ASM., W. HEAT SINK	1	SEE: PAGE 2
0009	A700031P405	SCREW PAN HD M-3.0 X 5.0 MM	1	
0010	J708178P1	SCREW PAN HD M-3.0 X 5.0 MM	1	
0011	K805731P1	COVER, DUST-	1	
0012	J706849P1	CAP, WIRE-	1	

00W2 :	K805749G1 :	CABLE W CONN :		
J001	J708471P413	CONN MULTI PLUG 25-WAY	1	
J002	J709096P6	CONN PWB FEMALE 26-CKT	1	
J003	J708831P2	TERM SLDLS AMP 34142	1	
W001	J709095P8	CABLE, RIBBON-	0.360	M

0002 :	M906150G1 :	CABINET WITH HANDLE :	
0002	K805739G1	CABINET TEXTED	1

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
0003	J709090P3	LOCK RIM PLASTIC FEMALE	4
0004	J709090P1	LOCK RIM LATCH	4
0005	J709236G1	HOLDER PAINTED	2
0006	K805786G1	HANDLE RIVETED	1
0007	J709094P1	WASHER HANDLE	2
0008	J706212P305	SCREW PAN HD SZ 6.0X12.7	2
0009	J709262P1	LENS	2
0010	L855836P1	GASKET CABINET	1
0008 :	K805741G1 :	CU 6001 - ASM., MNTD W. HEAT SINK :	
A001	M905853G1	CPNT BD CU 6001	1 (SEE BELOW)
* E101 *	J707961P2 *	CORE, TOR. FERR.- UI 900 *	1
* E102 *	J707961P2 *	CORE, TOR. FERR.- UI 900 *	1
J101	J708471P3	CONN MULTI RECP 25-WAY	1
J104	J708829P1	CONN POWER RECP 02-WAY	1
Q101	J706890P1	TSTR PNP SI BD 140	1
Q102	J708775P1	TSTR MFET SI BUZ 20	1
S001	A700189P1	SWITCH TOGLE, 7101G	1
W001	J707210P100	WIRE 0.220 SQ 'BLACK'	0.250 M
0002	A700031P405	SCREW PAN HD M-3.0 X 5.0 MM	2
0003	A700034P4	NUT HEX M-3.0 X 0.50 MM	2
0004	J709304G1	HEAT SINK TEXTED	1
0005	J708766P1	INSULATOR SHEET	1
0006	A700068P1	INS BUSH	1
0007	A700031P306	SCREW PAN HD M-2.5 X 6.0 MM	1
0008	A700034P3	NUT HEX M-2.5 X 0.45 MM	2
0009	J708766P2	INSULATOR	1
0010	A700031P308	SCREW PAN HD M-2.5 X 8.0 MM	1
A001 :	M905853G1 :	CPNT BD CU 6001 :	
C101	J706005P14	CAP ELECT 220U +100-10%	1
C102	J707438P26	CAP CER CL2 100N 10% 50V	1
C103	J707438P26	CAP CER CL2 100N 10% 50V	1
C104	J706005P14	CAP ELECT 220U +100-10%	1
C105	J707438P26	CAP CER CL2 100N 10% 50V	1
C106	J707444P17	CAP TA SOL 47U 20% 10V	1
C107	J707444P6	CAP TA SOL 4U7 20% 35V	1
C108	J707438P5	CAP CER CL2 1N0 10% 50V	1
C109	J707438P26	CAP CER CL2 100N 10% 50V	1

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
C110	J707444P7	CAP TA SOL 10U 20% 16V	1
C111	J707436P61	CAP CER NPO 100P 5% 50V	1
C112	J707438P26	CAP CER CL2 100N 10% 50V	1
C114	J707444P8	CAP TA SOL 22U 20% 16V	1
C115	J707444P4	CAP TA SOL 1U 20% 35V	1
C116	J706005P10	CAP ELECT 220U +100-10%	1
C117	J707438P26	CAP CER CL2 100N 10% 50V	1
C118	J707438P26	CAP CER CL2 100N 10% 50V	1
C119	J706005P10	CAP ELECT 220U +100-10%	1
C120	J707438P26	CAP CER CL2 100N 10% 50V	1
C121	J706005P9	CAP ELECT 100U +100-10%	1
D101	J706100P2	DIO SI SIG 1N4004	1
D102	J707389P1	DIO SI SIG BAV 99	1
D103	A700025P9	DIO SI ZENR 8V2 5% 0,4W	1
D104	J706100P2	DIO SI SIG 1N4004	1
D105	J707389P1	DIO SI SIG BAV 99	1
D106	J707390P1	DIO SI SIG BAV 74	1
D107	J707764P2	DIO LED ESBG 5501 , -'GREEN'-	1
D108	A700028P1	DIO SI SIG 1N4148	1
D109	J708734P1	DIO SI PWR BYV 28-100	1
D110	J707389P1	DIO SI SIG BAV 99	1
D111	J707389P1	DIO SI SIG BAV 99	1
D112	J706270P6	DIO SI ZENER 15V0 5% 0,4W	1
D113	J707764P1	DIO LED ESBR 5501 , -'RED'-	1
D114	J707389P1	DIO SI SIG BAV 99	1
E103	A700103P1	CORE, FERRITE-	1
F101	J706998P7	FUSE CTG 2.0A SLOW	1
J102	J708925P1	CONN PT PIN L-9,7	26
J103	J708068P4	CONN PWB MALE RECP 04-CKT	1
L101	K805622G1	COIL FILTER	1
L102	K805622G1	COIL FILTER	1
Q103	J707386P1	TSTR NPN SI BCW 32	1
Q104	J707387P1	TSTR PNP SI BCW 30	1
Q105	J707387P1	TSTR PNP SI BCW 30	1
Q106	J707386P1	TSTR NPN SI BCW 32	1
Q107	J707386P1	TSTR NPN SI BCW 32	1
Q108	J707386P1	TSTR NPN SI BCW 32	1
Q109	J707386P1	TSTR NPN SI BCW 32	1
Q110	J707387P1	TSTR PNP SI BCW 30	1
Q111	J707387P2	TSTR PNP SI BCW 70	1
Q112	J707386P2	TSTR NPN SI BCW 72	1
R101	J706056P44	RES DEPC 3K9 5% 1/2W	1
R102	J707385P180	RES MFILM 18R 5% 1/8W	1
R103	J707385P103	RES MFILM 10K 5% 1/8W	1
R104	J707385P124	RES MFILM 120K 5% 1/8W	1
R106	J707406P5	RES THERM NTC 47K 10%	1
R107	J707385P683	RES MFILM 68K 5% 1/8W	1

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
R108	J707385P102	RES MFILM 1K0 5% 1/8W	1
R109	J707385P473	RES MFILM 47K 5% 1/8W	1
R110	J707385P222	RES MFILM 2K2 5% 1/8W	1
R111	J707385P222	RES MFILM 2K2 5% 1/8W	1
R112	J707406P5	RES THERM NTC 47K 10%	1
R113	J707385P103	RES MFILM 10K 5% 1/8W	1
R114	J707385P105	RES MFILM 1M0 10% 1/8W	1
R115	J707385P103	RES MFILM 10K 5% 1/8W	1
R116	J707385P682	RES MFILM 6K8 5% 1/8W	1
R117	J707385P563	RES MFILM 56K 5% 1/8W	1
R118	J706251P37	RES DEPC 1K0 5% 1/1W	1
R119	J707385P823	RES MFILM 82K 5% 1/8W	1
R120	J707385P152	RES MFILM 1K5 5% 1/8W	1
R121	J707385P900	RES MFILM 0R0 5% 1/8W, JUMP.	1
R122	J707385P104	RES MFILM 100K 5% 1/8W	1
R123	J707385P682	RES MFILM 6K8 5% 1/8W	1
R124	J707385P104	RES MFILM 100K 5% 1/8W	1
R125	J707385P104	RES MFILM 100K 5% 1/8W	1
R126	J707385P104	RES MFILM 100K 5% 1/8W	1
R127	J707385P823	RES MFILM 82K 5% 1/8W	1
R128	J707385P472	RES MFILM 4K7 5% 1/8W	1
R129	J707385P332	RES MFILM 3K3 5% 1/8W	1
R130	J707385P821	RES MFILM 820R 5% 1/8W	1
R131	J707385P103	RES MFILM 10K 5% 1/8W	1
R132	J707385P101	RES MFILM 100R 5% 1/8W	1
R133	J707385P101	RES MFILM 100R 5% 1/8W	1
R134	J706056P1	RES DEPC 1R0 5% 1/2W	1
R135	J707385P473	RES MFILM 47K 5% 1/8W	1
R136	J707385P472	RES MFILM 4K7 5% 1/8W	1
R137	J707385P103	RES MFILM 10K 5% 1/8W	1
R138	J707385P332	RES MFILM 3K3 5% 1/8W	1
R139	J707385P472	RES MFILM 4K7 5% 1/8W	1
R140	J707385P100	RES MFILM 10R 5% 1/8W	1
R141	J707385P472	RES MFILM 4K7 5% 1/8W	1
R142	J707385P472	RES MFILM 4K7 5% 1/8W	1
R143	J707385P473	RES MFILM 47K 5% 1/8W	1
R144	J707385P473	RES MFILM 47K 5% 1/8W	1
R145	J707385P221	RES MFILM 220R 5% 1/8W	1
R146	J707385P220	RES MFILM 22R 5% 1/8W	1
R147	J707385P120	RES MFILM 12R 5% 1/8W	1
R148	J707385P120	RES MFILM 12R 5% 1/8W	1
R149	J707385P100	RES MFILM 10R 5% 1/8W	1
R150	J707385P470	RES MFILM 47R 5% 1/8W	1
T101	K805623G1	TRANSFORMER ASM.	1
U101	J708503P1	IC LIN CMPAR LM 239	1
U102	J708356P1	IC DIG BUFR 4049	1
W001	J707195P26	WIRE, BARE COPPER ANNEALED	0.00015 KG
XF01	J708025P1	HOLDER FUSE 5.0X20.0	1
XF02	J708025P1	HOLDER, FUSE- 5.0 X 20.0 MM	1

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
X101	J706848P1	TERMINAL, BRL D=3.18 MM	1
0002	M905854P1R2	BD PW., REVISION NO.: 2	1

CHAPTER 8

CODE PLUGS

CODE PLUGS CS600X :

- CS6001/CS6002
- CS6003/CS6004
- CS6005

Storno

CS6003 - CS6004

EXTERNAL CODE UNIT

The code unit fits inside the JB6002 and interfaces the H-bus.

The code unit consists of a microprocessor which controls the communication between the H-bus and the memory device. It is shielded to avoid noise radiation.

The CS6003/4 is a single PWB which contains the following circuits:

- Microcontroller
- H-bus interface
- Reset circuit
- H-bus address designation
- E2 prom

The difference between CS6003 and CS6004 is the size of the memory:

CS6003: 16 x 16 bit (256)
CS6004: 64 x 16 bit (1024)

CIRCUIT DESCRIPTION

MICROCONTROLLER

The central part of the CS module is a 8 bit Nmos microprocessor (8051) in a 40 pin dual in line (U200). The 8051 contains a non-volatile 4 K x 8 read only program memory, a volatile 128 x 8 read/write data memory, 32 I/O lines and on-chip oscillator.
The clock frequency (11.132 MHz) is controlled by a crystal (Y200).

H-BUS INTERFACE

The microprocessor handles the serial communication on the H-bus. The external interface (U201) together with one interrupt and two control lines constitutes the H-bus interface. To make the H-bus unsensitive to noise, low pass filters have been inserted on the lines.

RESET CIRCUIT

When the system is turned on it is necessary to reset the microcontroller. This reset pulse is coming on the reset line after the +5 volt supply is turned on in the radio part.
In the delay time between the +5 volt power supply is going on and the reset pulse is coming, C204 is resetting the microcontroller.

H-BUS ADDRESS DESIGNATION

The addressing method is shown on the strap instruction diagram later on in this chapter. Connecting the anode of D203 to one of four points on the board with a strap, will determine which of the four precoded addresses will be used. The CS board is default wired to the highest address.

To change the address it is necessary to cut a wire on the board and strap it to the wanted address.

E2 PROM

The personality data in the code unit is stored in a E2 prom. It is possible to change or reprogram this E2 prom with personality data for the individual customer. The E2 prom (U202) is connected to the microprocessor via a serial data line, a serial clock line and a chip select.

SPECIFICATIONS

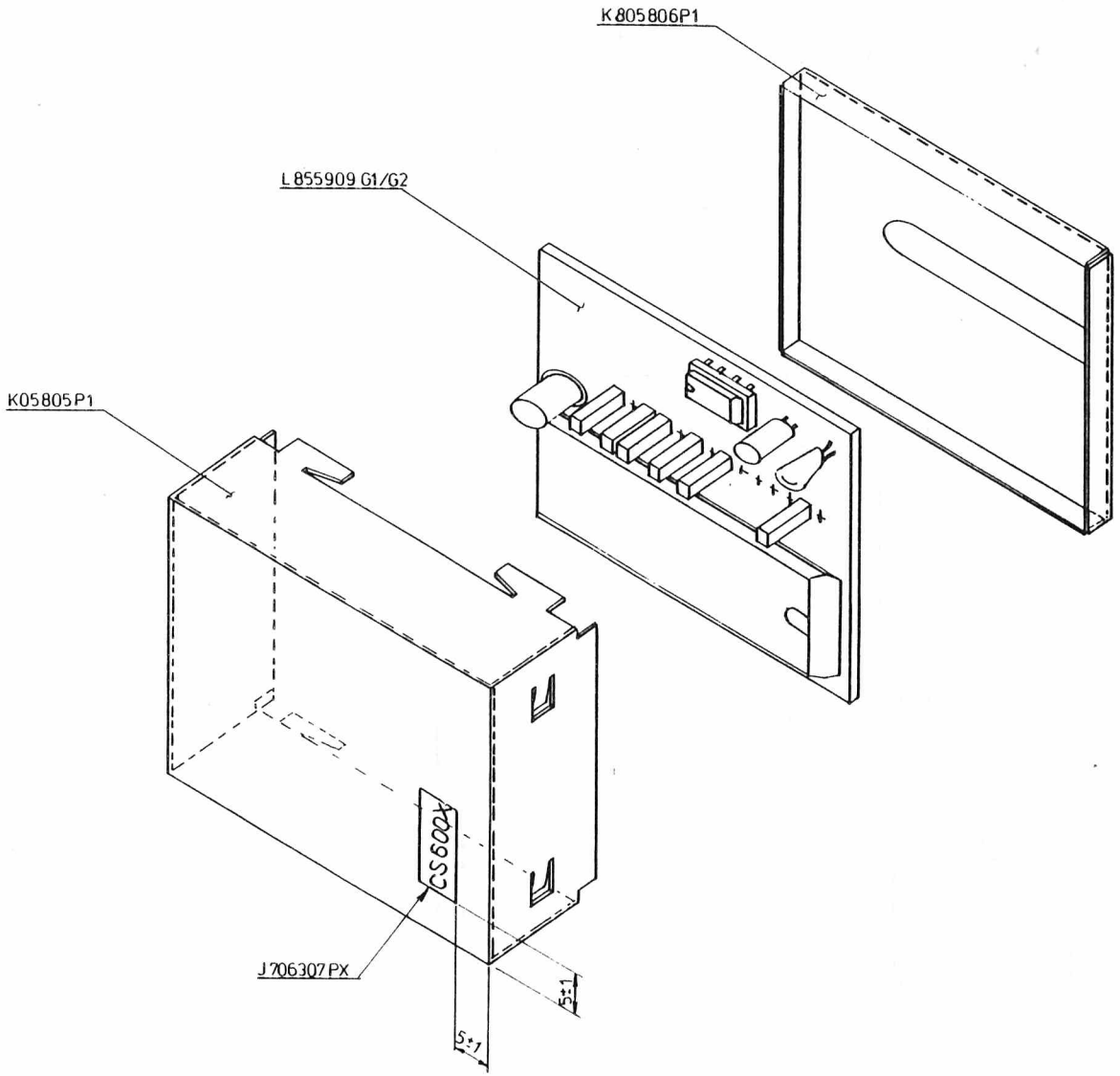
Supply
from the radio: 5 volt ±0.2 V

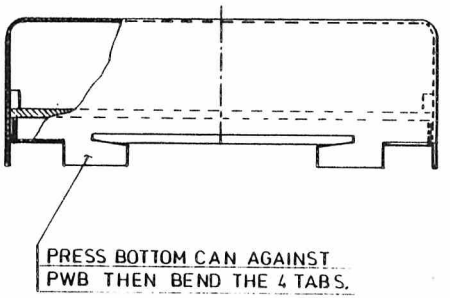
Current drain
150 mA max.

Temperature range
Operating: -25 deg. to +60 deg.
Storage: -40 deg. to +70 deg.

Dimensions
L x W x H: 56 x 37 x 20

Storno

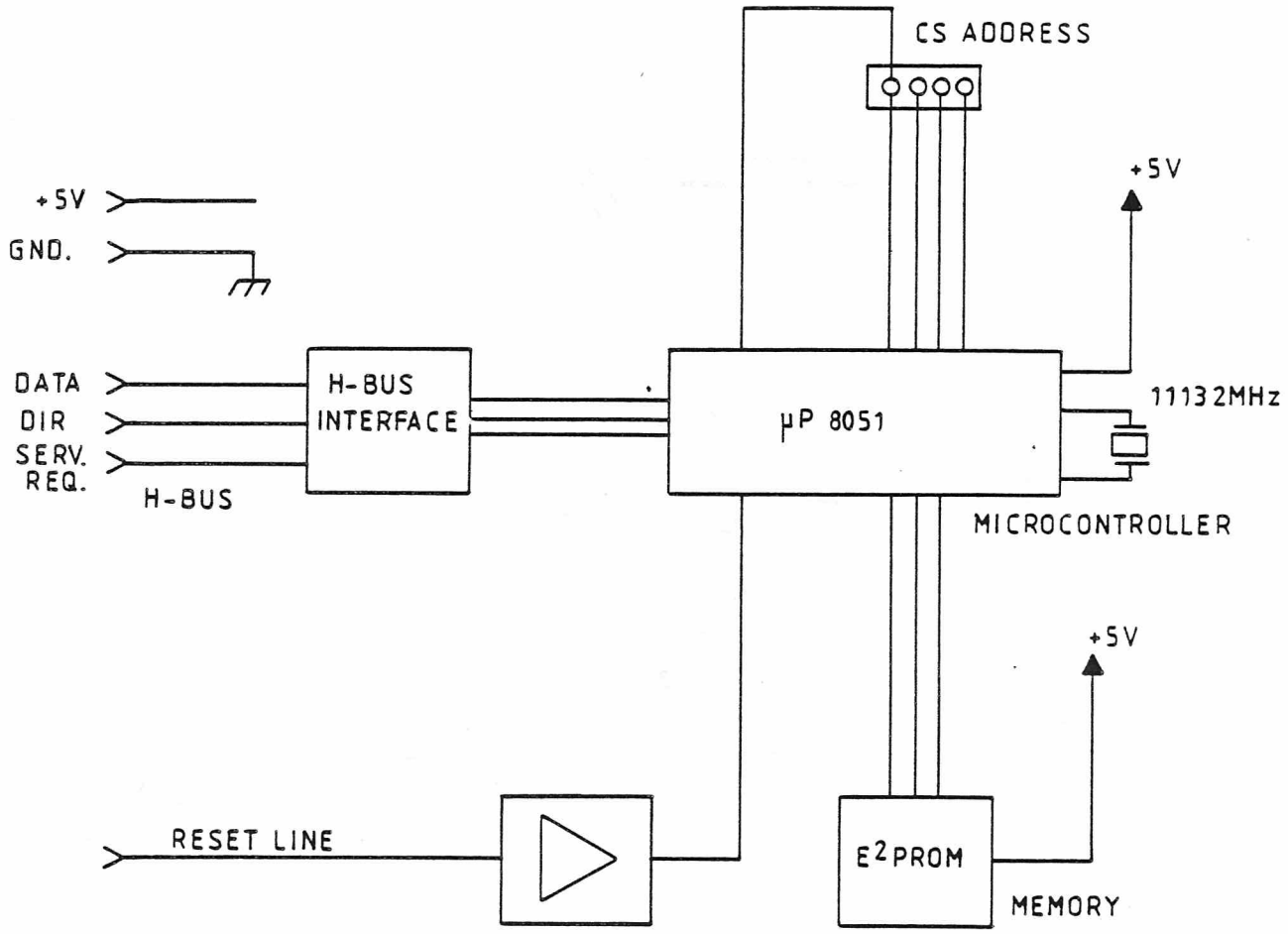




MOUNTING INSTR. FOR EXTERNAL CODE UNIT
CS6003/CS6004 CODE No. L855909G1/G2

M405. 278

Storno



BLOCK DIAGRAM CS6003/4

D404.371

Storno

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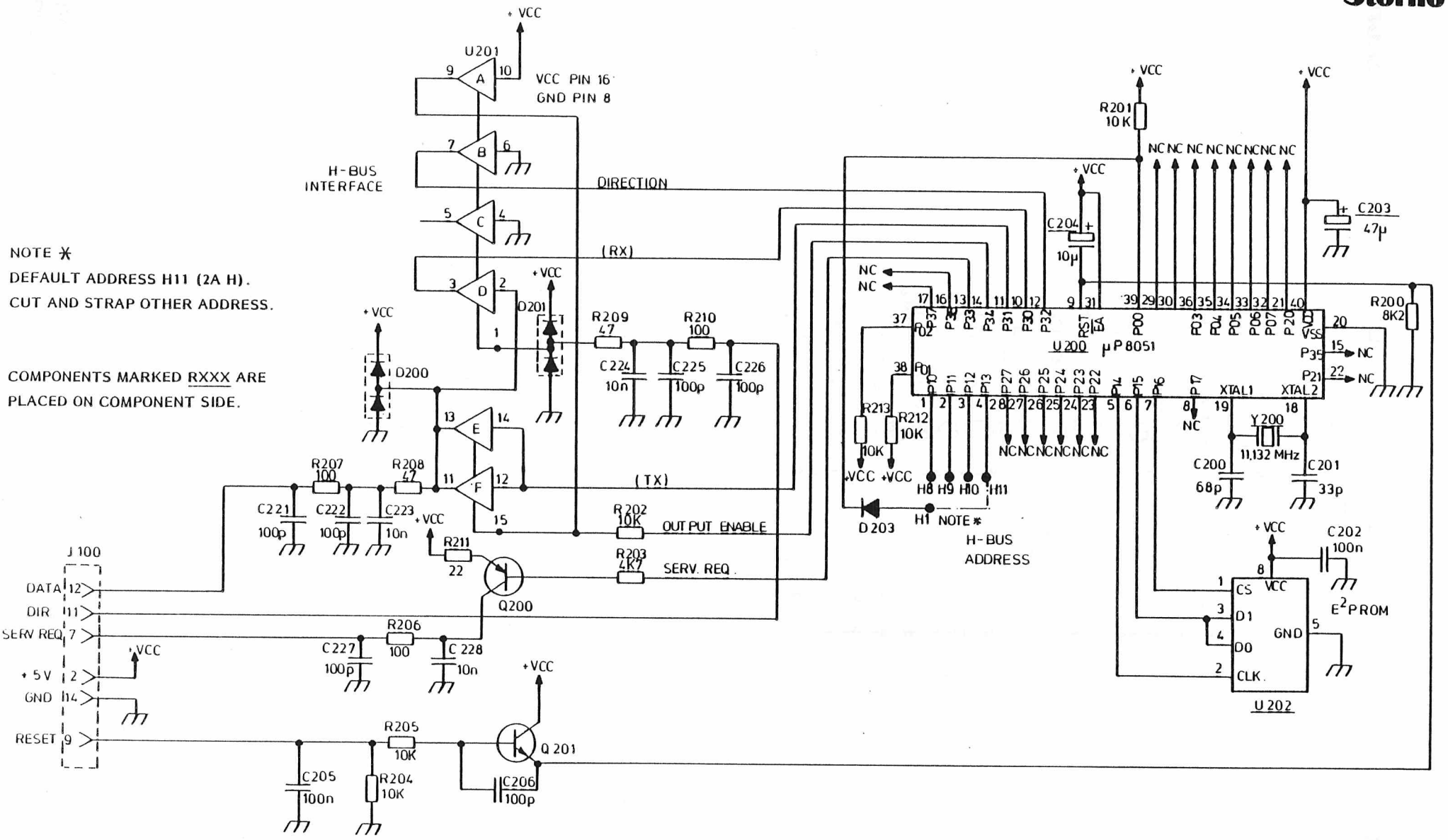

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EXTERNAL CODE UNIT CS6003/4

REV. A

CODE NO. L855909G1-CS6003

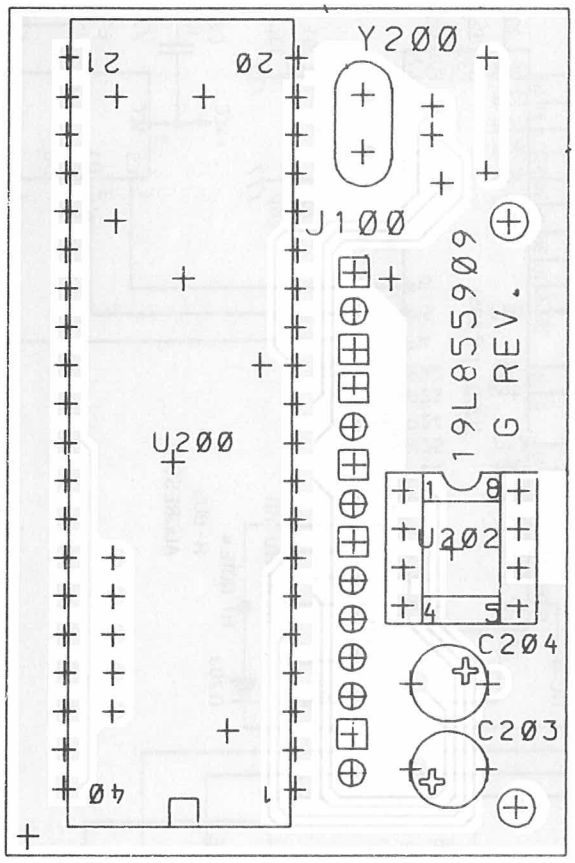
CODE NO. L855909G2-CS6004

D404.333/2

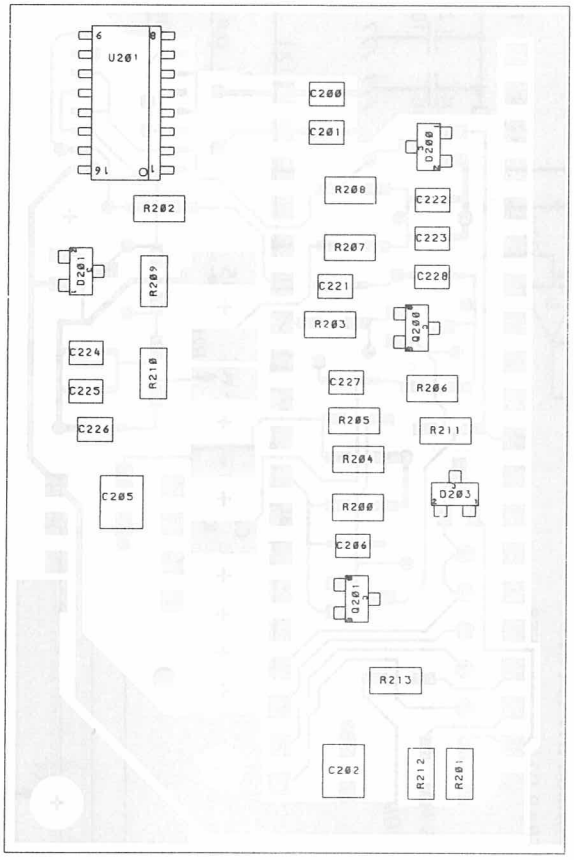
Storno

Storno

COMPONENT SIDE



CHIP SIDE

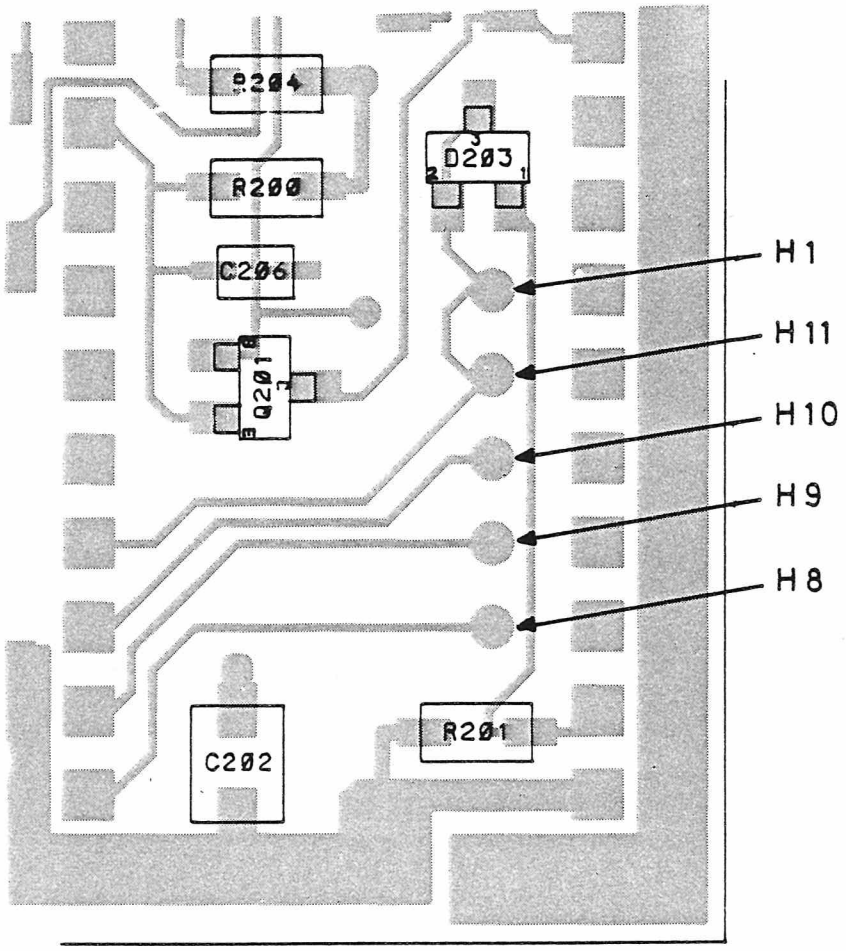


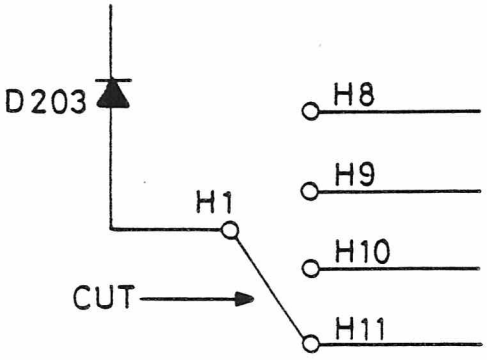
CODE NO. L855909G1-CS6003

CODE NO. L855909G2-CS6004

EXTERNAL CODE UNIT CS6003/4
COMPONENT LAYOUT
REV. 1 D404.334/2

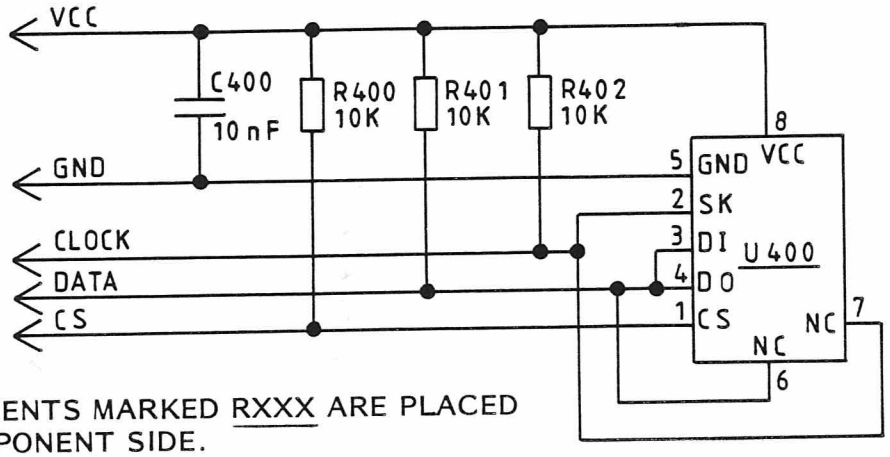
Storno





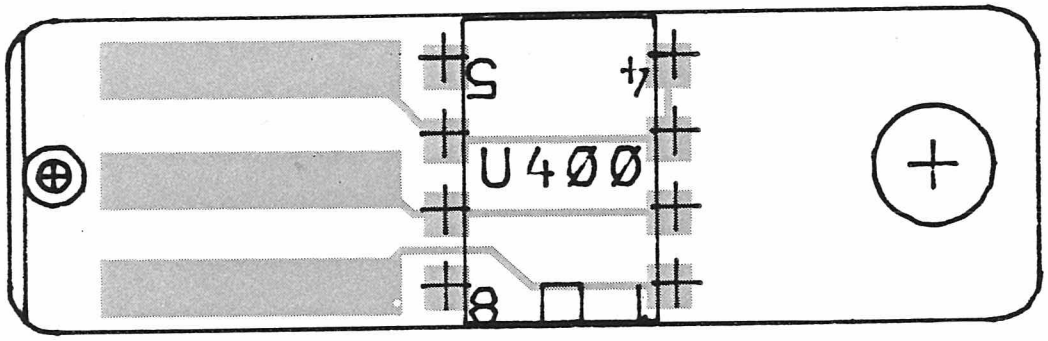
CS ADDRESS	H-BUS ADDRESS
H8	27H
H9	28H
H10	29H
H11	2A H DEFAULT

NOTE :
DEFAULT ADDRESS (2A H)
CUT AND STRAP FOR OTHER
ADDRESS .

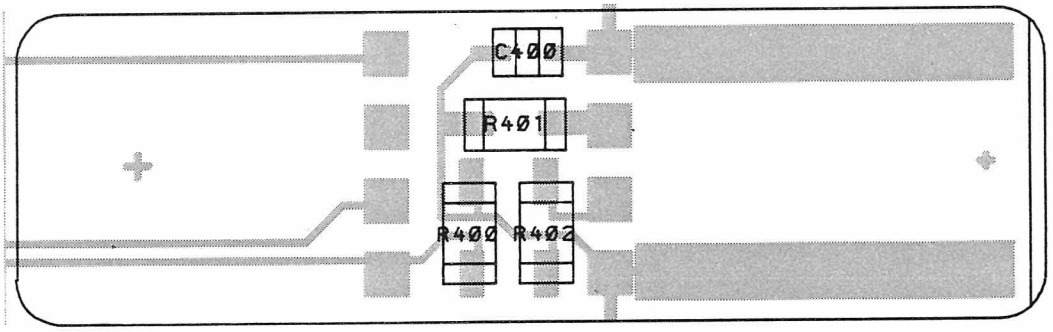


COMPONENTS MARKED RXXX ARE PLACED ON COMPONENT SIDE.

COMPONENT SIDE



CHIP SIDE



MODUL	CODE NO.
CS6001 WITH KEY PLATE :	J709581G3
CS6002 WITH KEY PLATE :	J709581G2
CS6001 CODE PLUG :	L855906G1
CS6002 CODE PLUG :	L855906G2
CS6001 COMPONENT BOARD:	L855885G1
CS6002 COMPONENT BOARD:	L855885G1

CODE PLUG CS6001/2
COMPONENT LAYOUT

D404.366/2

PARTS LIST FOR EXTERNAL CODE UNIT CS6003/4 : L855909G1/G2 BD REV. 1/B

Pos	Code No.	Description	Qt
		COMPONENTS REVISED SINCE LAST EDITION ARE MARKED ¤	
C200	J707436P21	CAP CER NPO 15P 5%	1
C201	J707436P17	CAP CER NPO 12P 5%	1
C202	J707438P26	CAP CER CL2 100N 10%	1
C203	J707444P17	CAP TA SOL 47U 10V	1
C204	J707353P7	CAP ELECT 10U 16V	1
C205	J707438P26	CAP CER CL2 100N 10%	1
C206	J707436P61	CAP CER NPO 100P 5%	1
C228	J707438P14	CAP CER CL2 10N 10%	1
C221	J707436P61	CAP CER NPO 100P 5%	1
C222	J707436P61	CAP CER NPO 100P 5%	1
C223	J707438P14	CAP CER CL2 10N 10%	1
C224	J707438P14	CAP CER CL2 10N 10%	1
C225	J707436P61	CAP CER NPO 100P 5%	1
C226	J707436P61	CAP CER NPO 100P 5%	1
C227	J707436P61	CAP CER NPO 100P 5%	1
D200	J707389P1	DIO SI SIG BAV 99	1
D201	J707389P1	DIO SI SIG BAV 99	1
D203	J707389P1	DIO SI SIG BAV 99	1
J100	J706434P3	CONN PWB FEM RECP 6 PINS	1
Q200	J707387P1	TSTR PNP SI BCW 30	1
Q201	J707386P1	TSTR NPN SI BCW 32	1
R200	J707385P822	RES MFLM 1/8W 8K2 5%	1
R201	J707385P103	RES MFLM 1/8W 10K 5%	1
R202	J707385P103	RES MFLM 1/8W 10K 5%	1
R203	J707385P472	RES MFLM 1/8W 4K7 5%	1
R204	J707385P103	RES MFLM 1/8W 10K 5%	1
R205	J707385P103	RES MFLM 1/8W 10K 5%	1
R206	J707385P101	RES MFLM 1/8W 100R 5%	1
R207	J707385P101	RES MFLM 1/8W 100R 5%	1
R208	J707385P470	RES MFLM 1/8W 47R 5%	1
R209	J707385P470	RES MFLM 1/8W 47R 5%	1
R210	J707385P101	RES MFLM 1/8W 100R 5%	1
R211	J707385P220	RES MFLM 1/8W 22R 5%	1
R212	J707385P103	RES MFLM 1/8W 10K 5%	1
R213	J707385P103	RES MFLM 1/8W 10K 5%	1
U200	J709724P2	IC UP 8-BIT 80C51	1
U201	J708791P1	IC DIG BUFR 74HC367	1
U202	J708431P3	IC PROM EE 9306G1	1
U202	J708431P4	IC PROM EE 9346EG2	1
X001	J706356P102	SOC IC L-PRF 08 CKT	1
Y200	J710158P1	CRYSTAL UNIT 11.1320MHZ	1
	L855910P1R1	BD PW	1
		NON REFERENCED ITEMS:	
	K805805P1	CAN DRAWN CS	1
	K805806P1	CAN BOTTEM	1
	J706307P72	NAME PLATE CS 6003 G1 ONLY	1
	J706307P73	NAME PLATE CS 6004 G2 ONLY	1
	J706804P3	WASH INS CRYS FOR HC-25/U ¤	

Pos	Code No.	Description	Qt

DATE: 3/11/1987

Pos	Code No	Description	Qt
C200	J707436P21	CAP CER NPO 15P 5%	1
C201	J707436P17	CAP CER NPO 12P 5%	1
C202	J707438P26	CAP CER CL2 100N 10%	1
C203	J707444P17	CAP TA SOL 47U 10V	1
C204	J707353P7	CAP ELECT 10U 16V	1
C205	J707438P26	CAP CER CL2 100N 10%	1
C206	J707436P61	CAP CER NPO 100P 5%	1
C228	J707438P14	CAP CER CL2 10N 10%	1
C221	J707436P61	CAP CER NPO 100P 5%	1
C222	J707436P61	CAP CER NPO 100P 5%	1
C223	J707438P14	CAP CER CL2 10N 10%	1
C224	J707438P14	CAP CER CL2 10N 10%	1
C225	J707436P61	CAP CER NPO 100P 5%	1
C226	J707436P61	CAP CER NPO 100P 5%	1
C227	J707436P61	CAP CER NPO 100P 5%	1
D200	J707389P1	DIO SI SIG BAV 99	1
D201	J707389P1	DIO SI SIG BAV 99	1
D203	J707389P1	DIO SI SIG BAV 99	1
J100	J706434P3	CONN PWB FEM RECP 6 PINS	1
Q200	J707387P1	TSTR PNP SI BCW 30	1
Q201	J707386P1	TSTR NPN SI BCW 32	1
R200	J707385P822	RES MFLM 1/8W 8K2 5%	1
R201	J707385P103	RES MFLM 1/8W 10K 5%	1
R202	J707385P103	RES MFLM 1/8W 10K 5%	1
R203	J707385P472	RES MFLM 1/8W 4K7 5%	1
R204	J707385P103	RES MFLM 1/8W 10K 5%	1
R205	J707385P103	RES MFLM 1/8W 10K 5%	1
R206	J707385P101	RES MFLM 1/8W 100R 5%	1
R207	J707385P101	RES MFLM 1/8W 100R 5%	1
R208	J707385P470	RES MFLM 1/8W 47R 5%	1
R209	J707385P470	RES MFLM 1/8W 47R 5%	1
R210	J707385P101	RES MFLM 1/8W 100R 5%	1
R211	J707385P220	RES MFLM 1/8W 22R 5%	1
R212	J707385P103	RES MFLM 1/8W 10K 5%	1
R213	J707385P103	RES MFLM 1/8W 10K 5%	1
U200	J709724P2	IC UP 8-BIT 80C51	1
U201	J708791P1	IC DIG BUFR 74HC367	1

Pos	Code No	Description	Qt
U202	J708431P3	IC PROM EE 9306G1	1
U202	J708431P4	IC PROM EE 9346EG2	1
X001	J706356P102	SOC IC L-PRF 08 CKT	1
Y200	J710158P1	CRYSTAL UNIT 11.1320MHZ	1
	L855910P1R1	BD PW	1
		NON ELECTRONICAL PARTS	
	K805805P1	CAN DRAWN CS	1
	K805806P1	CAN BOTTEM	1
	J706307P72	NAME PLATE CS 6003 G1 ONLY	1
	J706307P73	NAME PLATE CS 6004 G2 ONLY	1
	J706804P1	WASH INS CRYS FOR HC-25/U	

PARTS LIST EXTERNAL CODE UNIT CS6003/4 : L855909G1/G2

X404.663

CS6005

CODE PLUG

CS6005 is a code plug where personality data for the radio can be stored. It is programmed from factory to the customer.

The memory size is 256 bit (16 x 16).

The code plug consists of a small component board with a memory and a connector. The plug is embedded in a plastic housing.

FUNCTIONAL DESCRIPTION

E^2PROM

The CS6005 contains a Electrical Erasable Programmable ROM (E2 PROM) (U100) where data and clock are supplied in a serial way. Also a chip select is controlling the chip. These three control signals are coming from the microprocessor on the CL6010 board via a connector (J100).

CONNECTOR

The following signals are available on the connector (J100):

+5 V
Ground (logic)
Serial data
Serial clock
Chip select

TECHNICAL SPECIFICATIONS

Supply
5 V ± 0.5 V

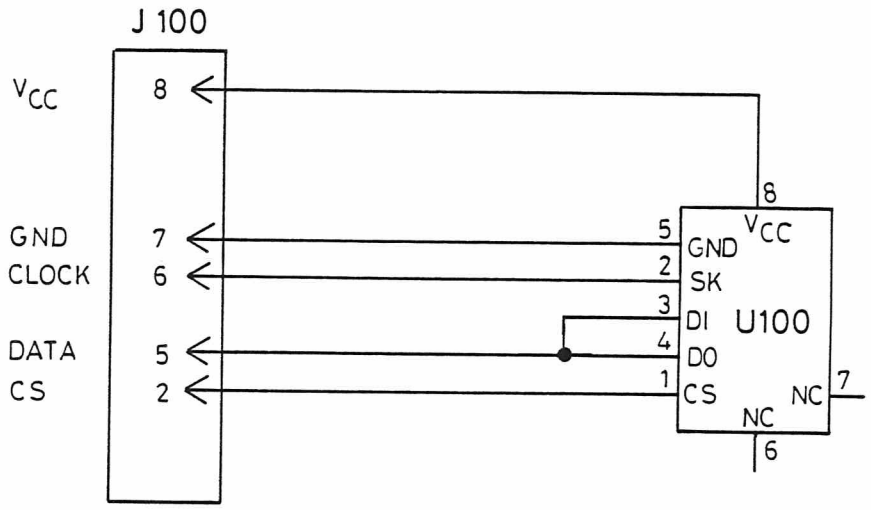
Operating current (CS = 1)
Max. 5 mA

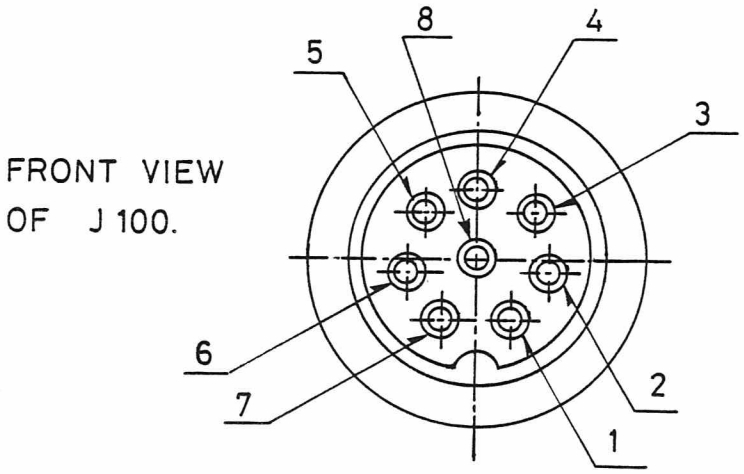
Standby current (CS = 0)
Max. 3 mA

Operating temperature
-40°C to +85°C

Dimensions, L x W x H
36 x 13 x 10 mm

Weight
20 g.





CODE PLUG CS6005

CODE NO. L856094G1 **D404.839**