

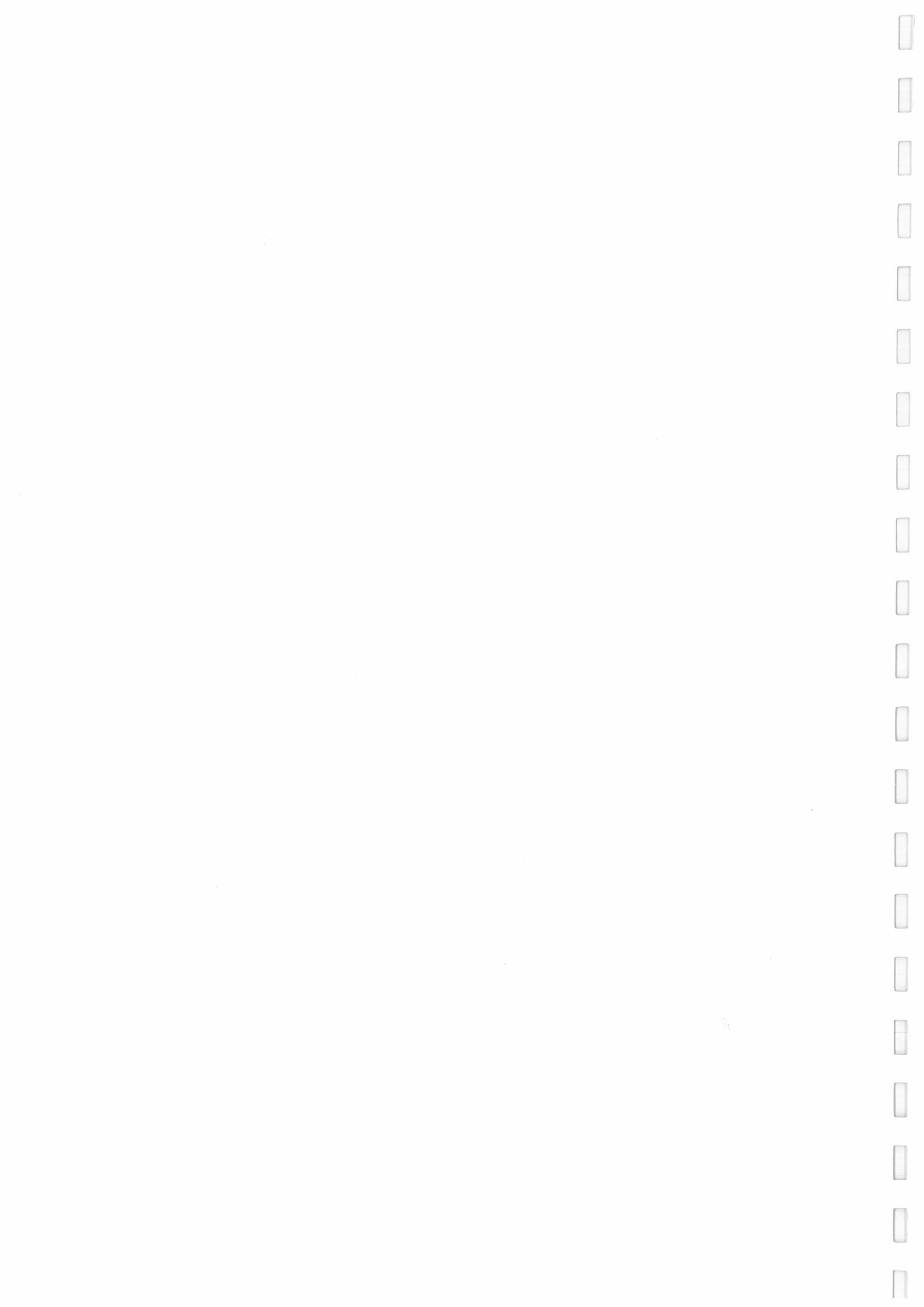
STORNOMATIC 6000  
PRM6662D15N  
OPERATION AND INSTALLATION  
MANUAL

Service Coordination.

Date: 04.86.

Edition: 6

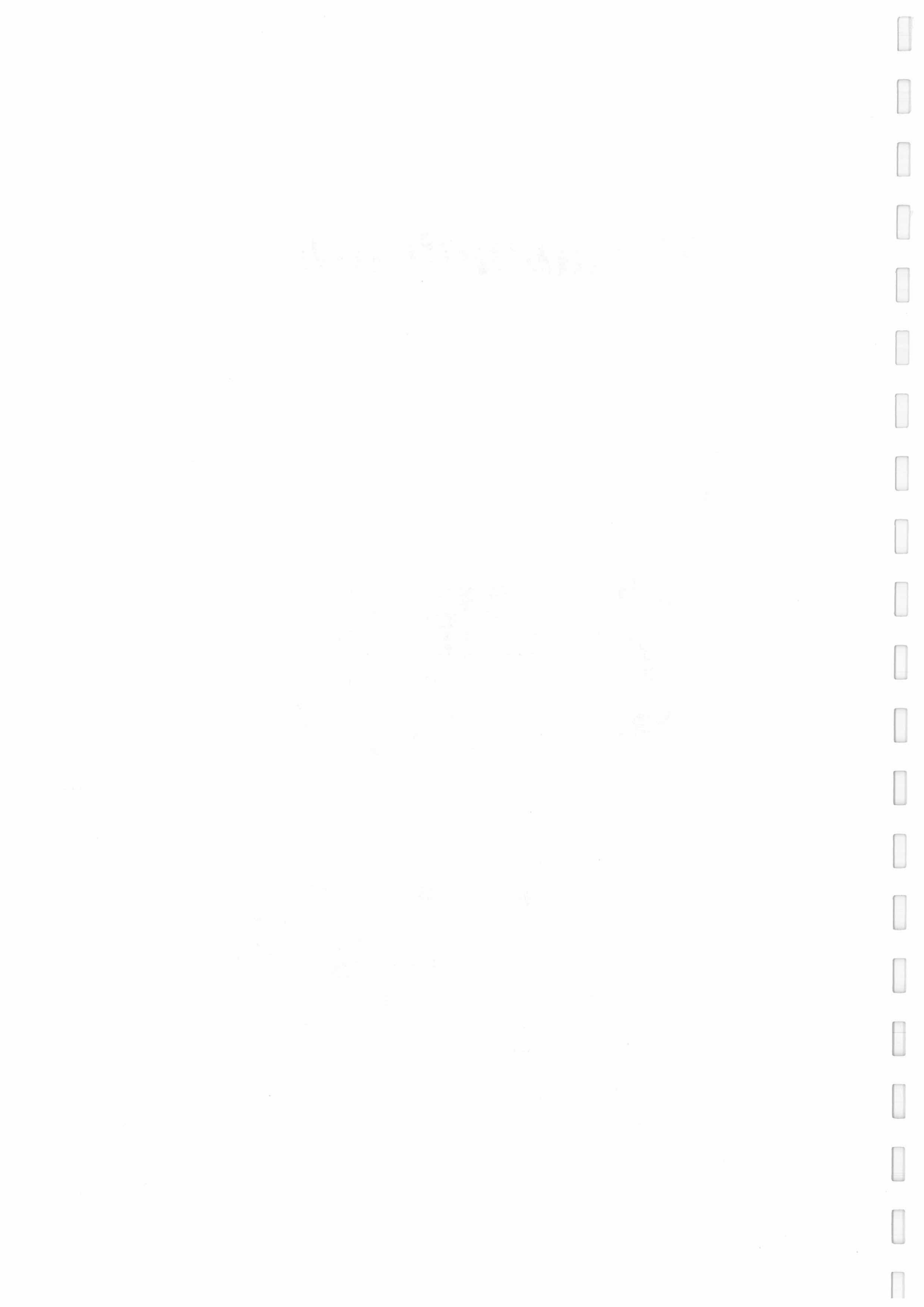
Publication no: 8311.6663-05





# *Stornomatic 6000*





PRM6662D15N  
OPERATION  
AND  
INSTALLATION  
MANUAL

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**Storno**



## GENERAL DESCRIPTION

### INTRODUCTION

- The system is capable of automatic setting up and charging of calls both to and from a mobile station.
- Conversation between a mobile station and a fixed telephone in any of the four countries is possible.
- Conversation is possible in whatever base radio station area or in whichever Nordic country a mobile subscriber happens to be.
- Conversation between two mobile subscribers is possible whether they are in the same base station area or in different areas, even if these are in different Nordic countries.
- Using of a mobile telephone is similar to a telephone in the fixed network.
- The system permit automatic paging of a mobile subscriber and recording of the base station area in which he happens to be.
- The system ensure privacy of conversation.

### SYSTEM DESCRIPTION

The NMT system is made up of the following component parts:

#### MTX (MOBILE TELEPHONE EXCHANGE)

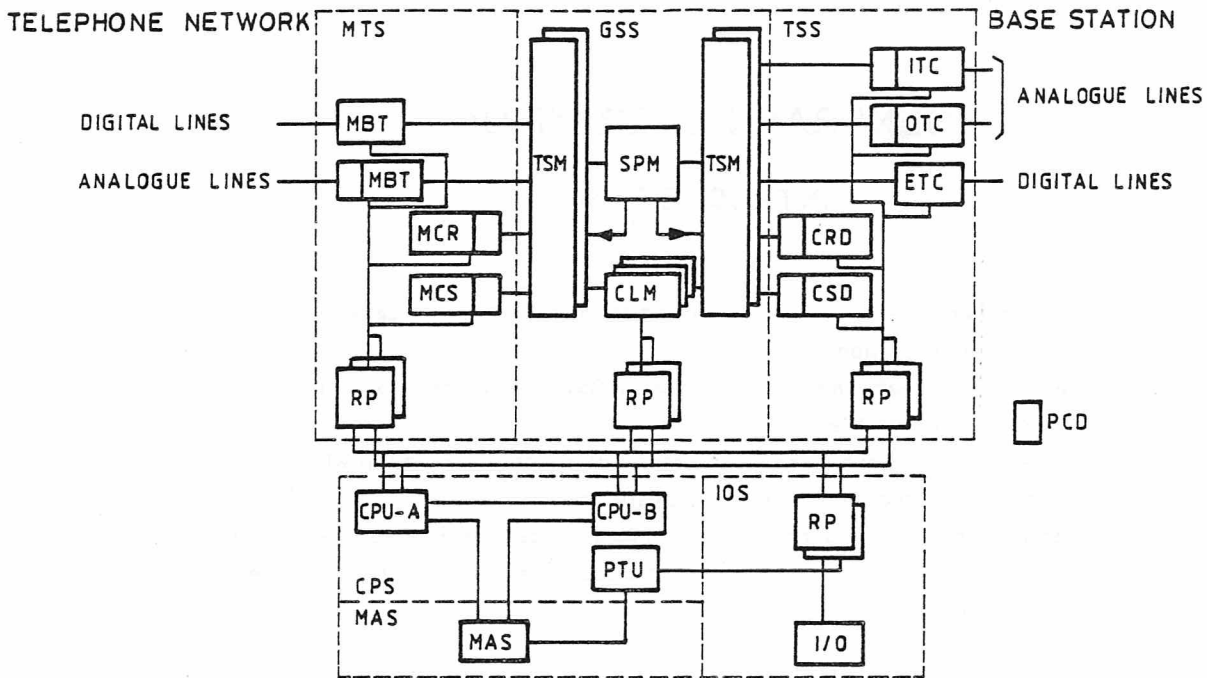
The MTXs form the interface between the NMT system and the fixed telephone network. One of the functions of the exchanges is to compensate for the differences in telephone networks in the Nordic countries.

The MTX consists of a telephone exchange of AXE type supplemented by a Mobile Telephone Subsystem (MTS). MTS consists of both hardware and software.

The figure below shows a simplified block diagram of the MTX. It is controlled by a central processor system consisting of two processors (CPU-A and CPU-B) working in parallel synchronism. Via a data bus the processors communicate with a number of regional processors (RP) which control the operation in each subsystem.

The regional processors work in pairs and normally share the control of the various devices of a subsystem between them. If a fault occurs in one regional processor, the other takes its work over. The central processors continually scan the regional processors to collect informations and issue commands.





**SUBSYSTEMS**

- GSS Digital group switch subsystem
- TSS Trunk and signalling subsystem
- MTS Mobile telephone subsystem
- CPS Central processor subsystem
- IOS Input/Output subsystem
- MAS Maintenance subsystem

**FUNCTION BLOCKS**

- TSM Time switch module
- SPM Space switch module
- CLM Clock module
- ITC Incoming trunk circuit
- OTC Outgoing trunk circuit
- ETC Exchange terminal circuit
- CRD Code receiver device
- CSD Code sender device
- MBT Mobile signalling bothway trunk circuit
- MCR Mobile code receiver
- MCS Mobile code sender
- PCD Pulse code device
- RP Regional processor
- CPU Central processor unit
- PTU Processor test unit
- MAU Maintenance unit
- I/O Input/Output



**BASE STATIONS**

The base stations are intermediary links without switching function between the wire and radio transmission.

The base stations have different numbers of channel equipments depending on the volume of traffic in the area. The stations are successively extended in step with the growth of traffic. Tuning of radio channels is done from the MTX. This permit dynamic channel selection.

The base stations are built up of a number of function modules placed on 19" racks.

Transmitter

Power output 50 W

Receiver

Sensitivity - 2 dB (1 uV) e. m. f.

Control Unit (CU)

Controls the function of a transceiver. Contains a modem for signalling with MTX and circuits for generation of  $\phi$  signal.

Supervisory Unit (SU)

Controls the function of the signal strength receiver. Contains a modem for signalling to MTX. Sends the result of the measurement to MTX.

Signal Strength Receiver (SR)

Measures the strength of a radio signal on the channel determined by the MTX.

Multiplexor

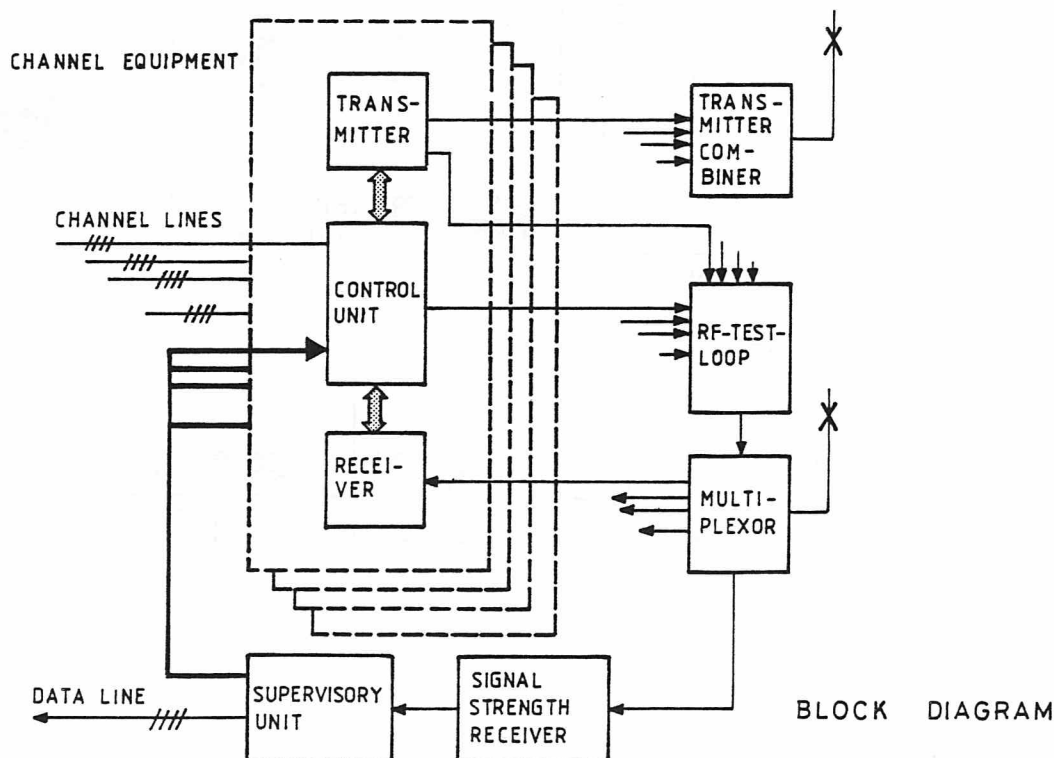
Distributes the received radio signals to the base station receivers.

Transmitter Combiner

Interconnects the signals from the base station transmitters to a common aerial.

RF Test Loop

Checks that the radio equipment is functioning satisfactorily.



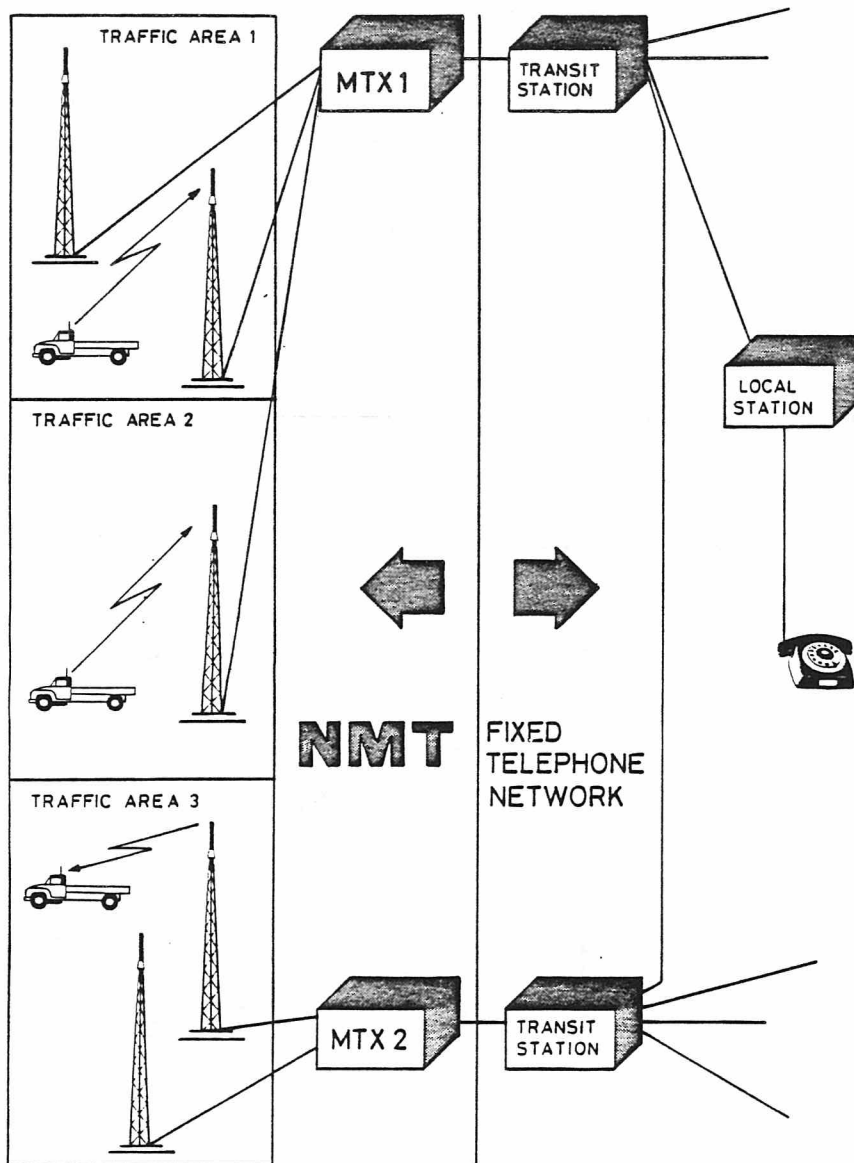
BLOCK DIAGRAM

MOBILE STATIONS

The mobile stations, i. e. the subscriber equipment (see the following chapters).

The drawing below shows the structure of the NMT system. Each country is divided into a number of traffic areas. In a traffic area there are a number of base stations spaced about 50 km apart. Each traffic area belongs to a single exchange. This means that all base stations in the area are connected to this exchange and that all traffic in the area is channeled through it. The exchange communicates with the telephone network via the trunk exchanges.

Every mobile subscriber is registered in a so-called home MTX, usually the MTX controlling the traffic area in which the subscriber normally resides.







## SYSTEM SIGNALLING

Many types of signal are used between the different parts of the NMT system. The signals have the following main objectives:

### BETWEEN MTX AND MOBILE STATION

- Setting up and clearing of calls
- Switching of call in progress
- Updating
- Ordering of power-reduction

### BETWEEN MTX AND BASE STATION

- Remote control of base station
- Transmission of alarm

### BETWEEN TWO MTX

- Updating of subscriber register and roaming register
- Transfer of call to roaming subscriber

### BETWEEN MTX AND TELEPHONE NETWORK

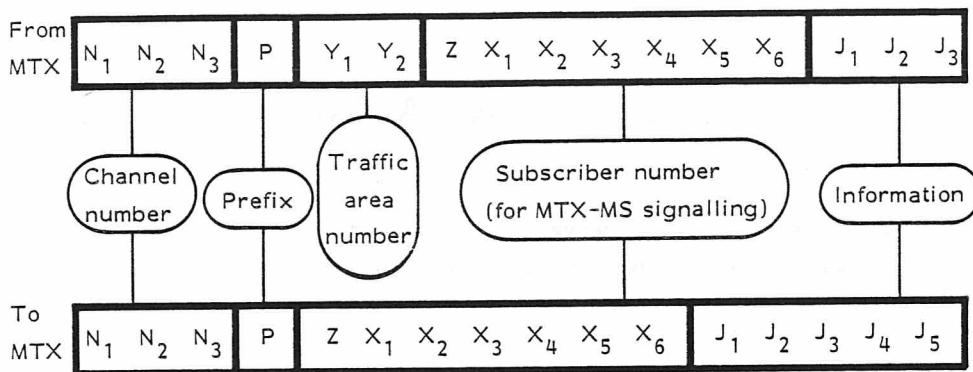
- Setting up of calls

### BETWEEN BASE STATION AND MOBILE STATION

- Supervision of transmission quality

## FRAMES

Signals are sent as so-called frames. All frames have the same length. They are divided into fields, each containing a given type of information. Two frame formats exist depending on whether the frame is sent to or from a MTX.

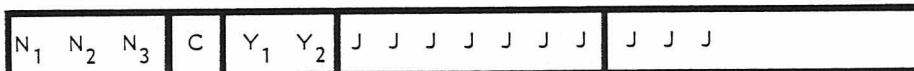


Each digit ( $N_1, N_2, N_3, P$  etc) consists of an hexadecimal code, i. e. four binary positions. All frames start with the channel number on which the frame is sent. If the number does not corresponds to the channel on which the receiver is locked, the frame is rejected. Faults due to intermodulation are thus avoided. The prefix  $P$ , defines the kind of message to which the frame relates. The actual message is found in the information field. When signalling from a mobile or from a MTX to a specific subscriber the mobile subscriber's number is always sent. It is also sent on signalling. Furthermore the MTX always sends the traffic area number of the base station in use.

Field without significance is filled with idle digits ( $J$ ).

**EXAMPLES OF SIGNAL FRAMES**

Calling Channel Indication from MTX to mobile

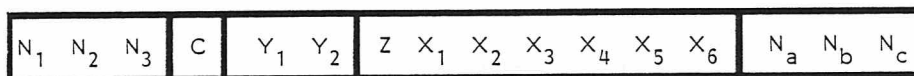


The frame is recognized by the prefix  $P$ , which has the hexadecimal value  $C$ , i. e. 12 in the decimal system.

$N_1 N_2 N_3$  = number of the calling channel, on which the frame is sent.

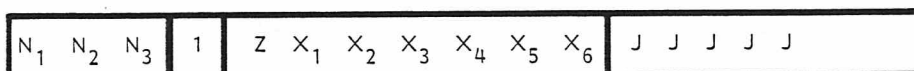
$Y_1 Y_2$  = number of the traffic area in which the base station with calling channel number  $N_1 N_2 N_3$  is situated.

Allocation of Traffic Channel



The frame is sent on the calling channel  $N_1 N_2 N_3$ . The mobile station  $ZX_1 X_2 X_3 X_4 X_5 X_6$  to which a connection is to be set up is ordered over to traffic channel number  $N_a N_b N_c$ .

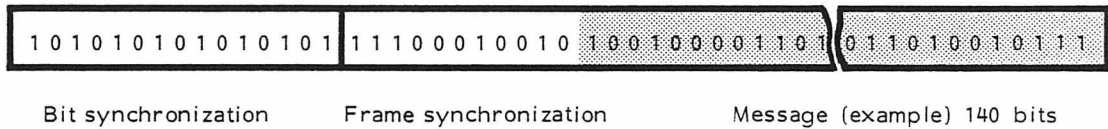
Transmission of identity on Traffic Channel, from mobile to MTX



Identity is sent on traffic channel  $N_1 N_2 N_3$  by the mobile station  $ZX_1 X_2 X_3 X_4 X_5 X_6$  either as acknowledgement of an identity request or as seizure signal on a call from the mobile station.

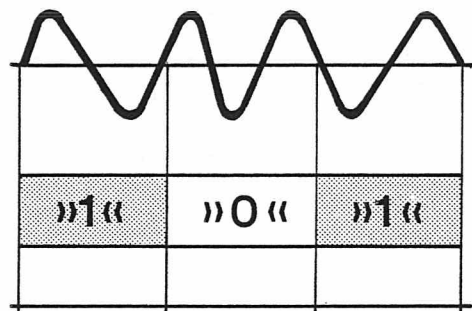
FRAME COMPOSITION

A frame consists of  $4 \times 16 = 64$  bits. To increase the reliability the frame is sent with an error-correcting code, which result in a message length of 140 bits. An additional 15 + 11 bits are used for synchronization. The transmitted signal frame will have the following form: .

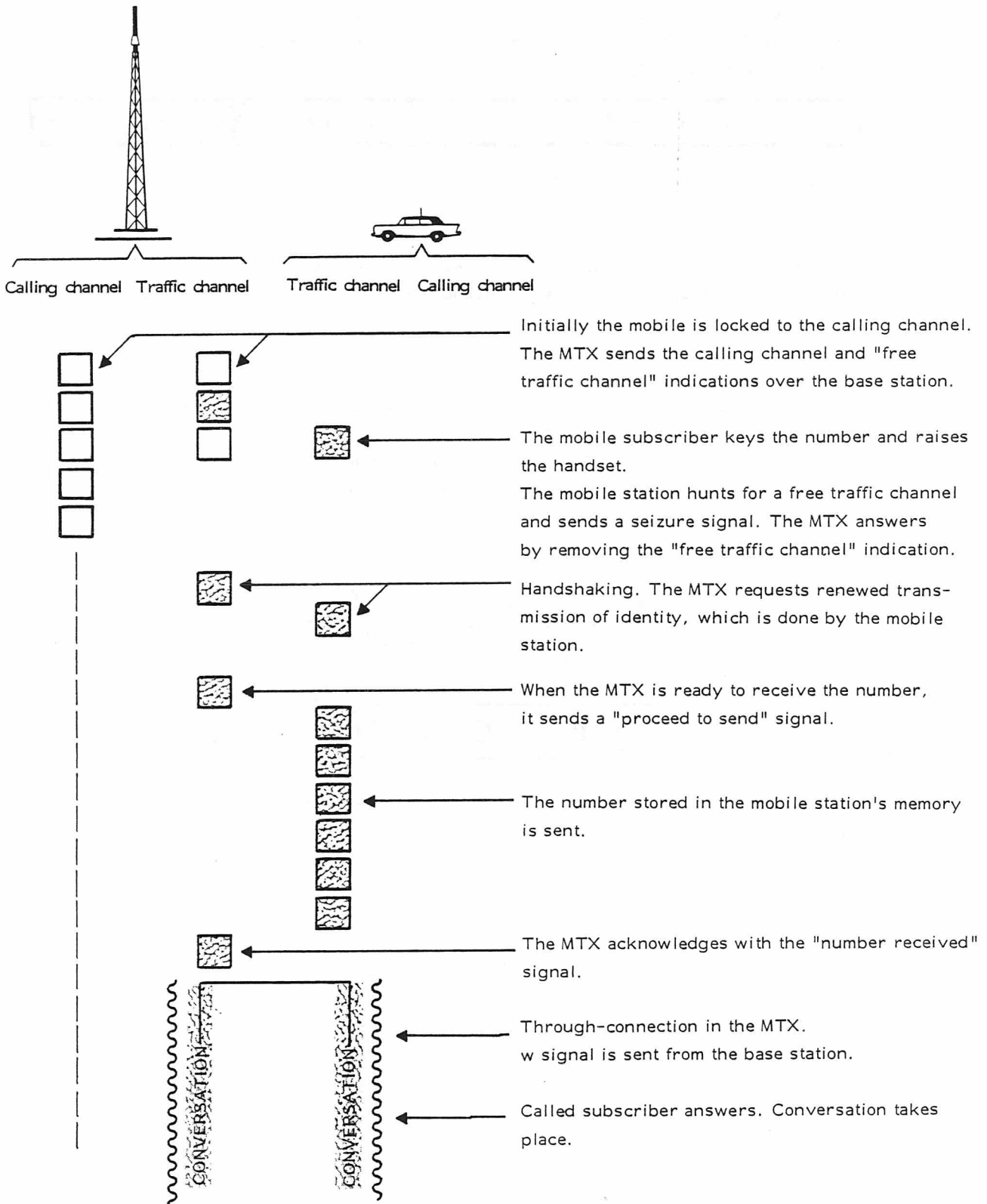


The selected error-correcting code is of convolution type and permits correction of error bursts with up to 6 false bits in sequence for at least 19 correct bits between error bursts.

The binary positions in the signal frames are transmitted by FFSK (Fast Frequency Shift Keying) modulation. Logic "1" is represented by a cycle of the frequency 1200 Hz and logic "0" by 1 1/2 cycles of 1800 Hz. Shift between "1" and "0" takes place at the zero passage of the signal. The data speed is thus 1200 bauds.

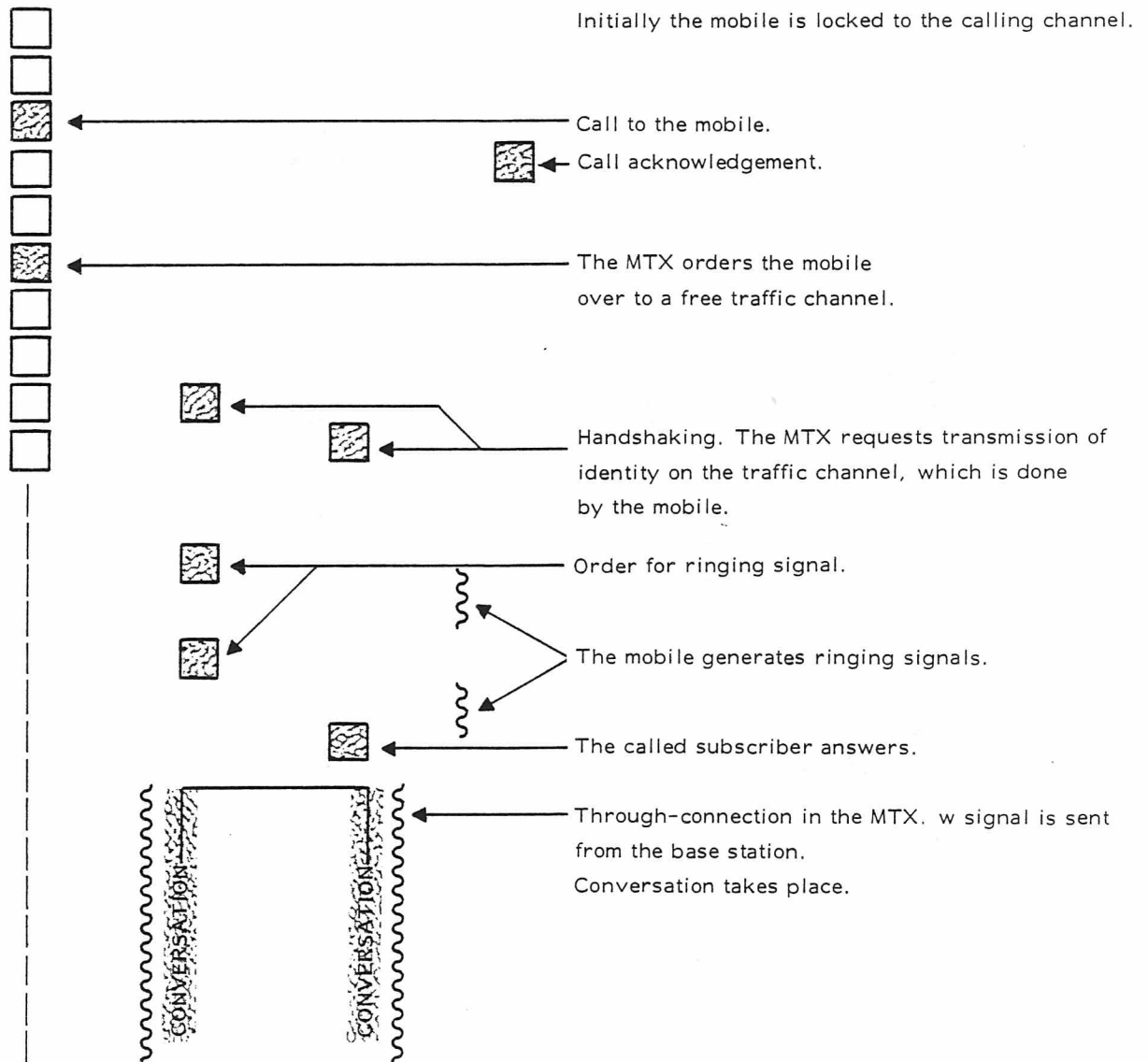
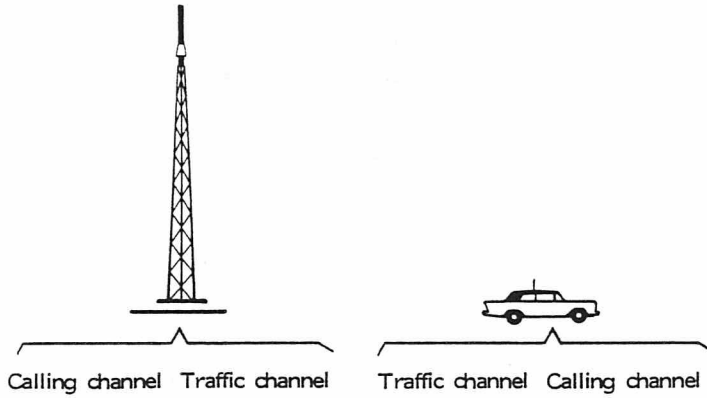


CALL FROM MOBILE SUBSCRIBER





### CALL TO MOBILE SUBSCRIBER

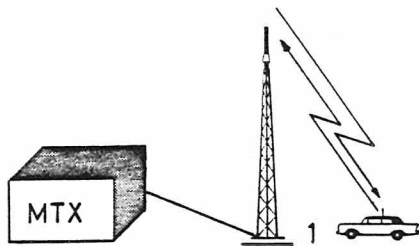


## SWITCHING OF CALL IN PROGRESS

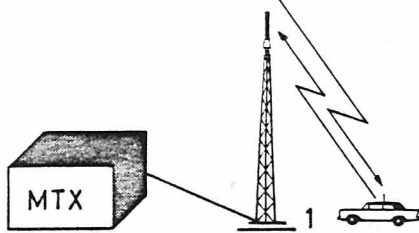
## TRANSFER OF CALL TO OTHER BASE STATION

During a conversation it may happen that a mobile subscriber leaves the coverage area of the base station in which the conversation started. This results in impaired speech quality. The conversation should then be conducted over another base station.

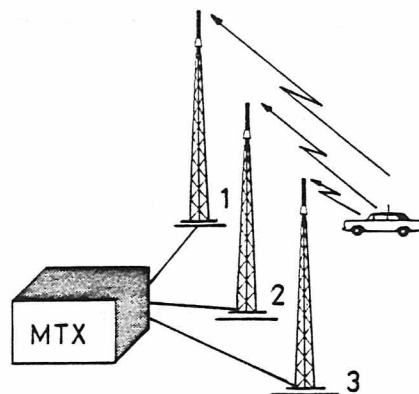
The speech quality is supervised by means of a supervisory signal ( $\phi$  signal) one of four tones around 4 kHz. The base station sends the  $\phi$  signal to the mobile, which sends it back to the base station. The quality of the returned  $\phi$  signal is measured in the base station and, if it is unsatisfactory, the base station transmits alarm to the MTX. The MTX then orders the base station and neighbouring base stations to measure the field-strength of the radio signal from the mobile. The base stations transmit the results to the MTX, which then switches the call to the base station with the best reception.



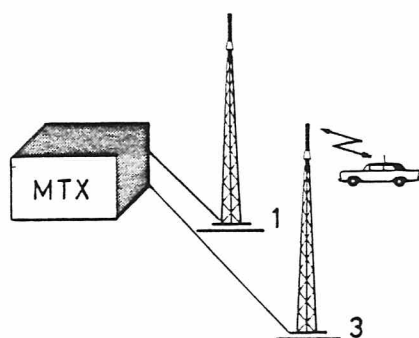
During conversation the base station sends a continuous supervisory signal which is returned by the mobile. The signal-to-noise ratio of the returned signal is measured in the base station and found satisfactory.



As the mobile moves further away from the base station the signal-to-noise ratio deteriorates. When a critical value is passed the base station sends alarm to the MTX.



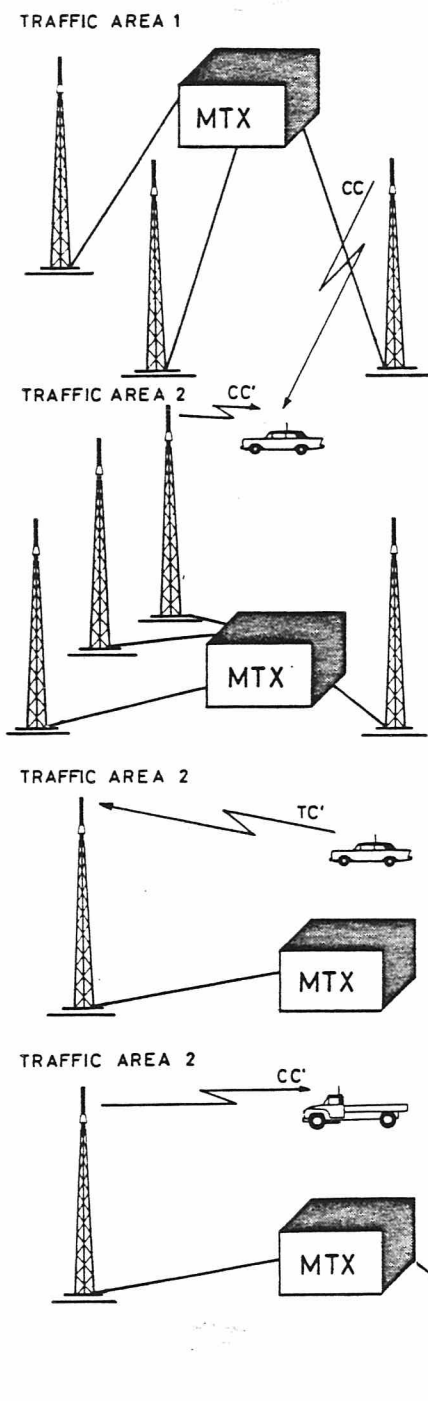
The MTX orders the actual and neighbouring base stations to measure the signal strength on the channel. The base stations return the results of the measurements to the MTX in the example illustrated, base station 3 measures a considerably higher signal strength than base station 1.



The MTX decides that the call must be switched to base station 3. The mobile is ordered over to another traffic channel and at the same time base station 3 starts a handshaking procedure on the same channel (call to mobile subscriber). Base station 1 is disconnected. The mobile noticed the entire switching procedure is only as a brief interruption in the conversation.

## ROAMING

The special function which enables a person to call a mobile subscriber without knowing where he is, is called roaming. One need not even know whether the mobile subscriber has gone to another Nordic country. Roaming is made possible by the fact that a mobile which leaves a traffic area and enters a new one automatically notifies the MTX that it has entered the new area. The location of the mobile is stored in its home-MTX and used for routing calls to the correct area.



CC= calling channel  
TC= traffic channel

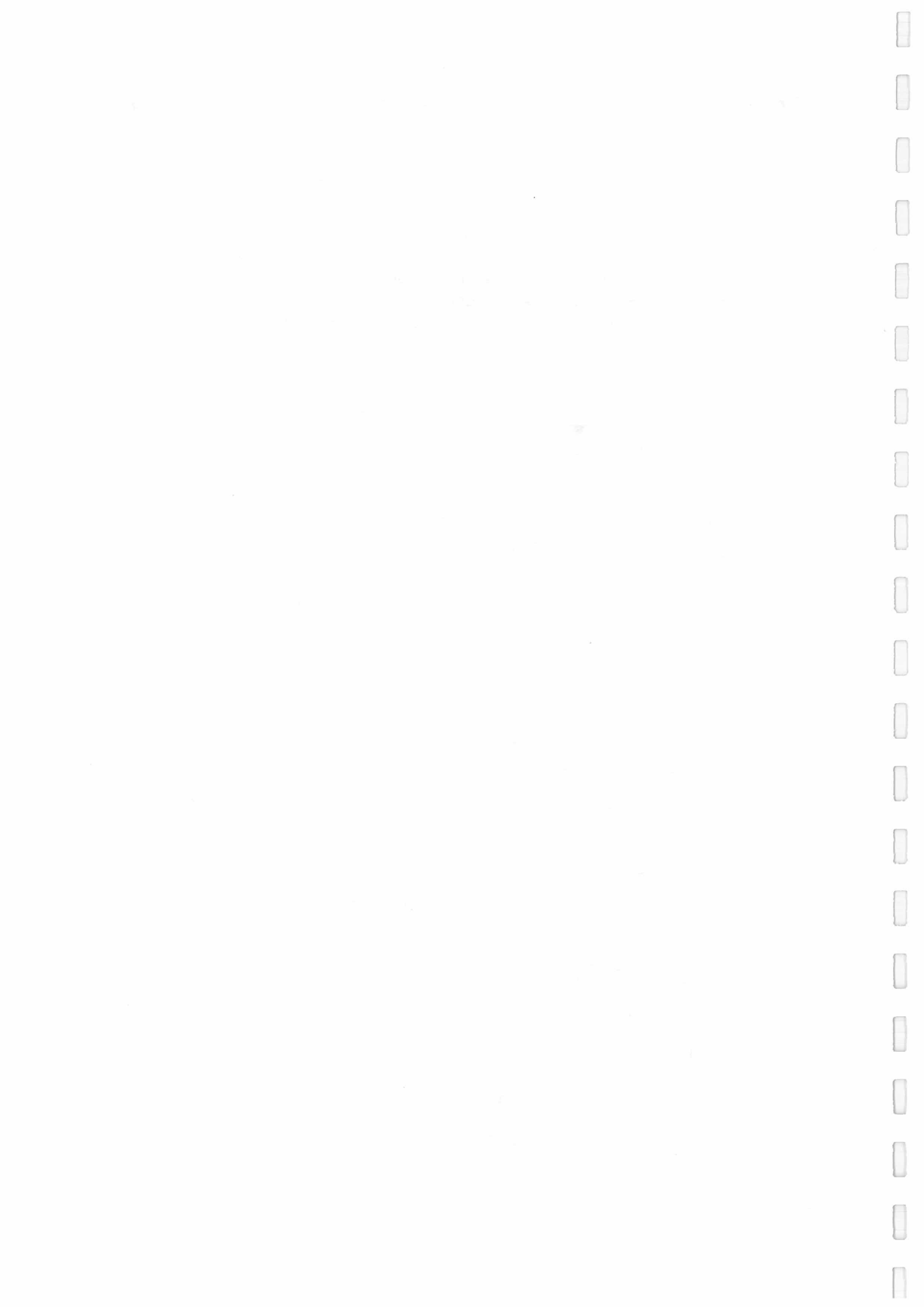
Initially the mobile is locked to a calling channel in traffic area 1. When the mobile moves out of the area, it loses contact with the calling channel. It then attempts first to find a new calling channel with the same traffic area number. If this fails, it goes hunting for a calling channel with arbitrary traffic area number.

The mobile finds a calling channel with indication "traffic area 2". It must then make an updating call to inform the system that it has entered a new traffic area.

The mobile finds a free traffic channel. A frame for updating of roaming is sent. The MTX returns an acknowledgement.

The mobile now locks to the calling channel in traffic area 2. From the MTX an updating message is sent to the home MTX of the mobile about its new position,

(mobile station's home MTX)



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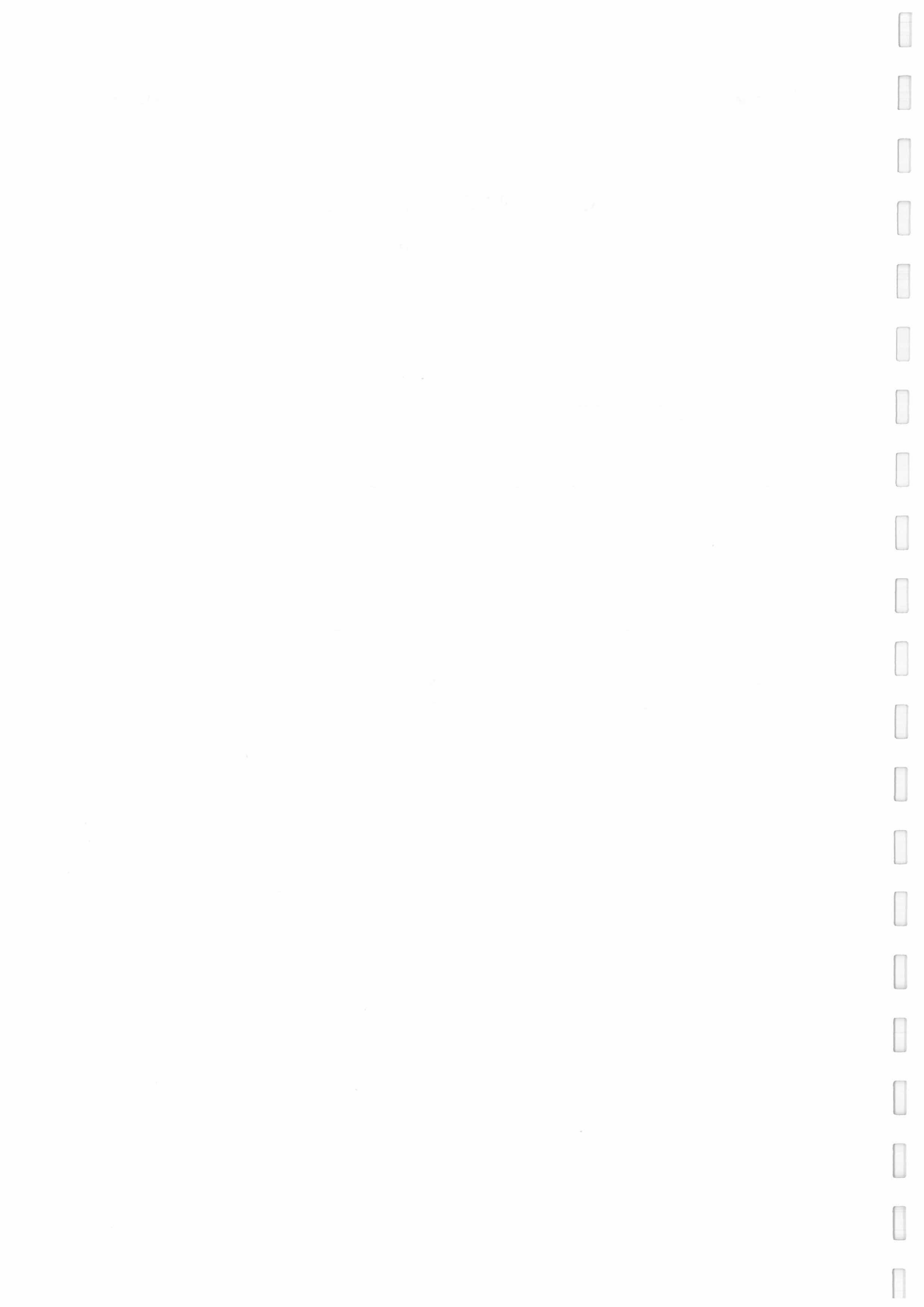
## COMBINATION NUMBER

## RADIO EQUIPMENT

PRODUCT CODE	TX FREQ. RANGE	RX FREQ. RANGE	CHANNEL SPACING	RADIO TYPE	POWER OUTPUT	MARKET	INSTALLA- TION
PRM6	6	6	2	D	15	N	L or R
PUBLIC RADIO MOBILE 6000	403 - 470 MHz		25 kHz	DUPLEX	15 W	NORDIC COUNTRY	LOCAL OR REMOTE

Ordering code and part No. for local mounting: PRM6662D15NL M906032G1

Ordering code and part No. for remote control: PRM6662D15NR M906032G2





# STORNOMATIC 6000

## PRESENTATION

The STORNOMATIC 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

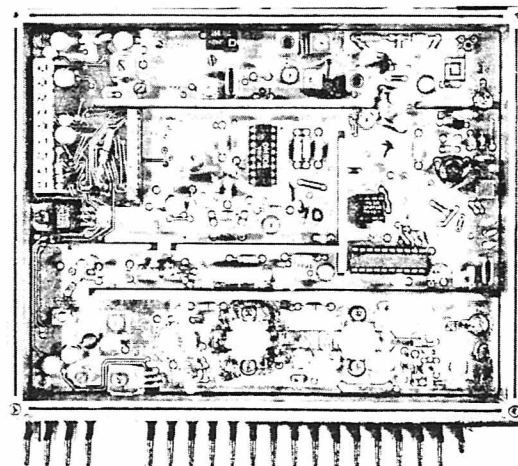
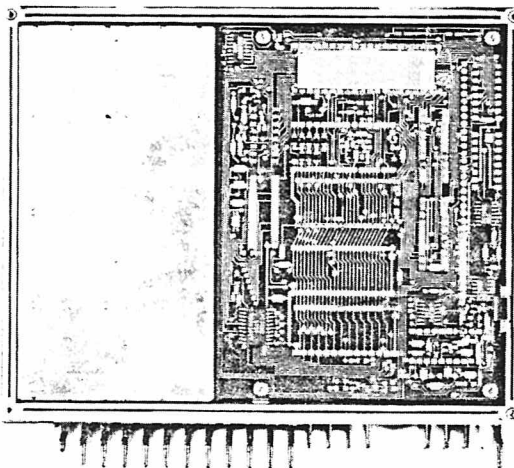
### RADIO UNIT

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.

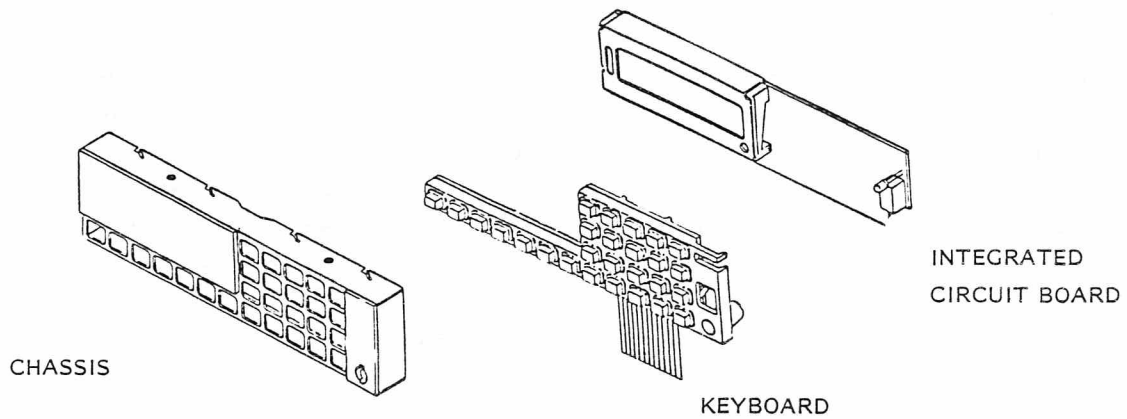
On the back of the cabinet there are two connectors: the antenna connector, and the connector for power supply, accessories and controlbox used for remote control.

If the top cover of the radio cabinet is removed the control logic 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.



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

The printed board has a Vacuum Fluorescent 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.

#### CONTROL BOX

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

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

- standard frame
- frame for combined control box/  
microtelephone
- or 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)

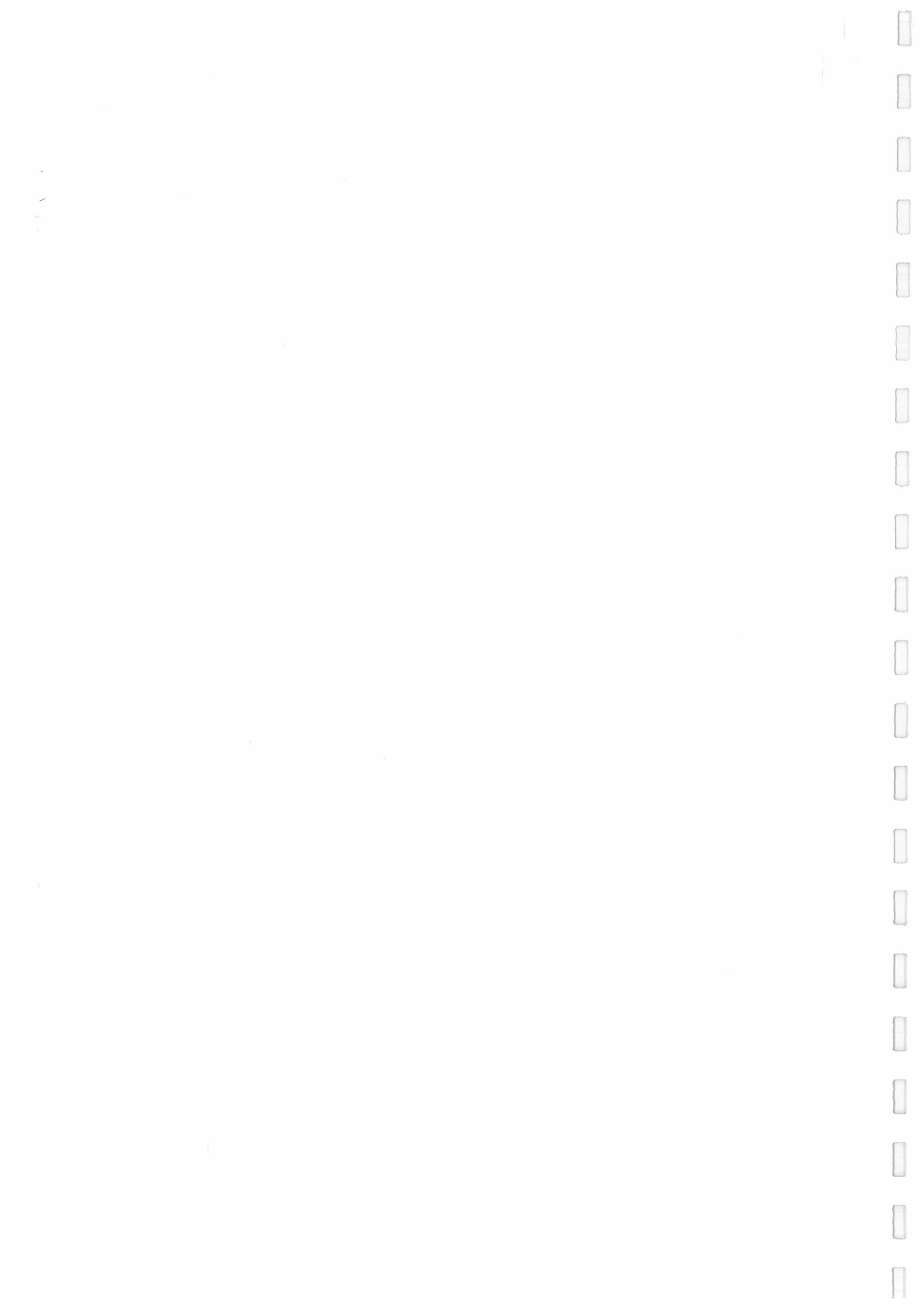
#### REMOTE MOUNTING

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.



## STORNOMATIC 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/CL boards, two boards placed over each other, one stays from the H-frame, are 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/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.

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

In addition to this two weatherprotection covers are available.

POS.	CODE No.	DESCRIPTION	QT.
1	M905810G1	RF Board 6662 D15	1
	M905810G2	RF Board 6663 D15-20 Austria	1
	M906114G1	RF Board 6664 D10 Radiocom 2000	1
2	L855533G2	Cabinet Painted	1
3	K805514P1	Pawl Lock	1
4	J708434P1	Spring	1
5	L855577P1	Filter Duplex	1
	L855577P2	Filter Duplex Radiocom 2000	1
	L855577P3	Filter Duplex Austria	1
6	L855564P1	Cover Intermediate	2
7	M905824G1	CL6002	1
	M906083G1	CL6004 Only for Radiocom 2000	1
8	J709324P1	Insulation Sheet	1
9	J708306P3	Connector BNC Modified	1
10	L855591G1	Cover Outer Asm.	2
10.1	L855588P1	Gasket for outer cover	2
11	J708766P2	Insulator	1
12	K805512G2	Feed Thru Capacitor Asm.	1
13	M905820G1	CF6002	1
	M905820G2	CF6002 Austria	1
	M906087G1	CF6002 Radiocom 2000	1
13.1	J708471P213	Multiconnector Male	1
14	J708316P2	Clip	1
15	K805771P1	Feed Thru Capacitor	1
16	K805553P1	Cover Shielding (RC/IA section)	1
17	K805554P1	Cover Shielding (RX/FS section)	1
18	K805555P1	Cover Shielding (PA section)	1
19	K805557P1	Cover Shielding (TX/FS section)	1
20	A700031P305	Screw Pan HD. M 2.5 x 5.0	4
21	A700035P305	Screw Flat HD. M 2.5 x 5.0	1
22	A700036P305	Screw Pan HD. M 2.5 x 5.0	18
23	J709345P1	Support	1
24	A700035P405	Screw Flat HD. M 3.0 x 5.0	3
25	A701240P408	Screw Soc. HD. M 4.0 x 8.0	2
26	A700035P304	Screw Flat HD. M 2.5 x 4.0	3
27	A700036P308	Screw Pan HD. M 2.5 x 8.0	2
28	J709427P208	Screw Flat HD. M 2.5 x 8.0	8

J709333P1	Items not shown on drawing:		
K805751G1	Name Plate		1
J708498P1	Front Cover (for remote control only)		1
K805516P1	Gasket, Front Cover (rem. contr. only)		1
J706421P1	Key		2
J709630P1	Key Ring		1
	Heat sink for Q113 (for local contr.)		1

**MECHANICAL PARTS LIST**

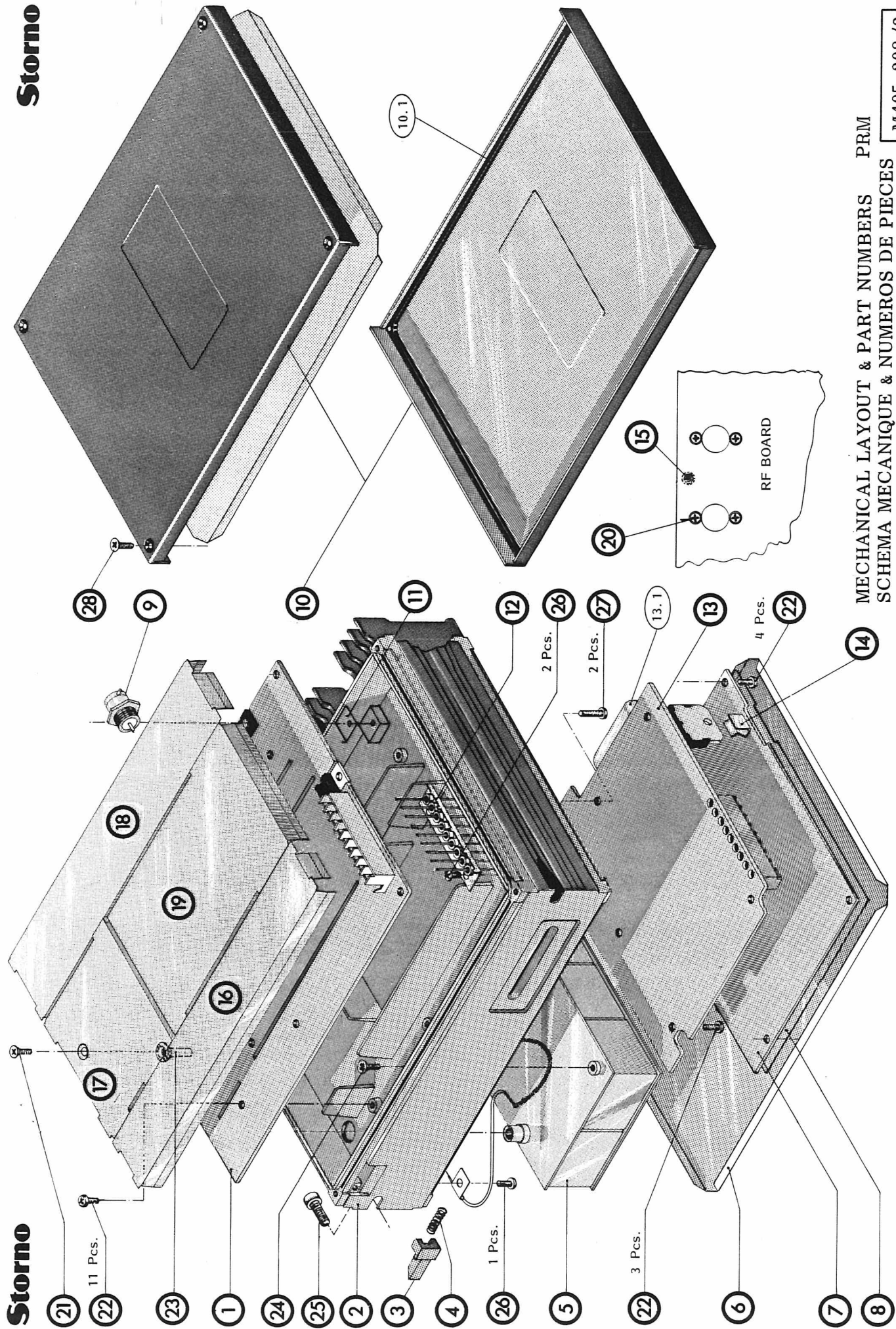
**PUBLIC RADIO MOBILE**  
Revision 02

25th. Feb. 1986

**MPL405.208**

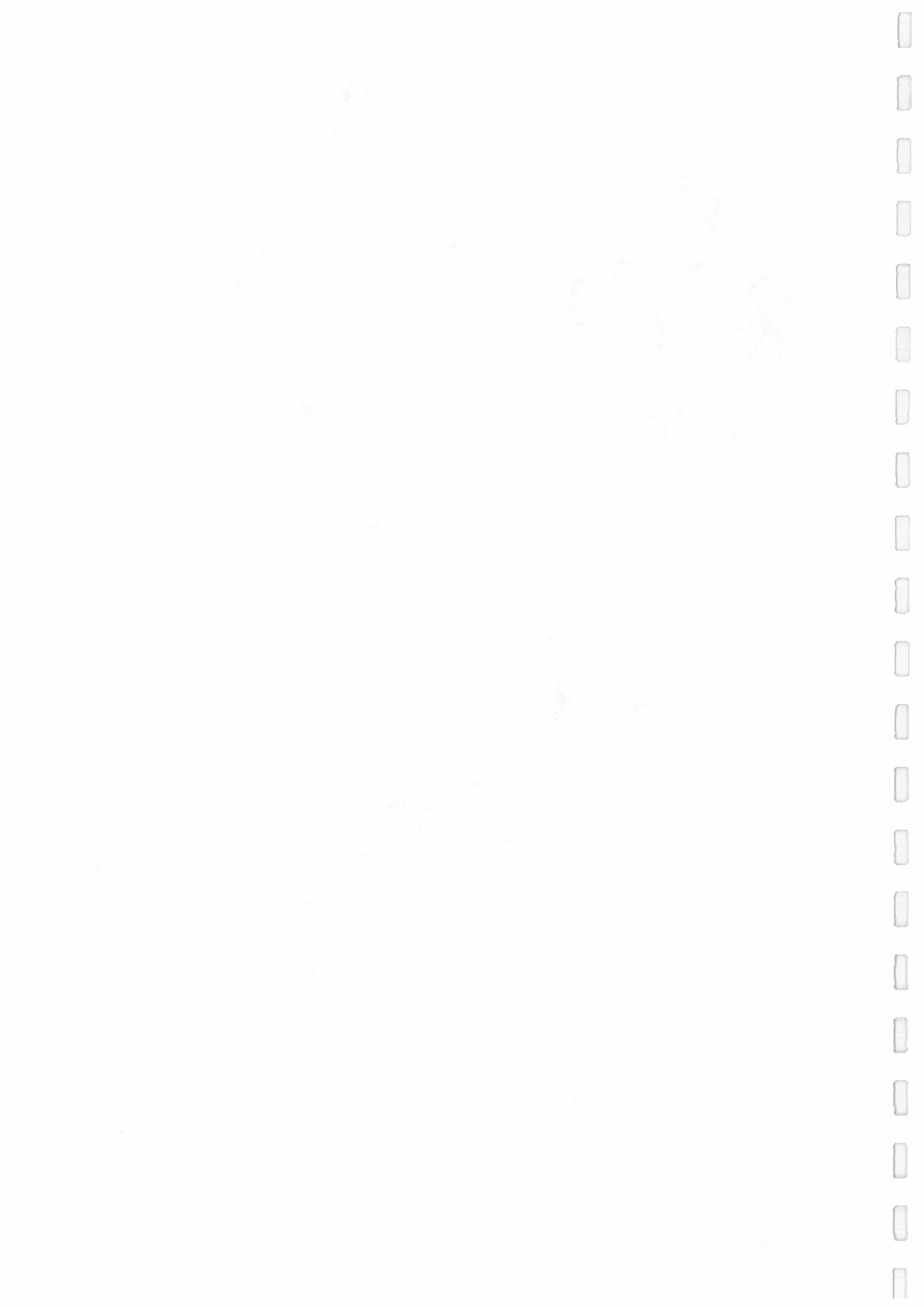
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MECHANICAL LAYOUT & PART NUMBERS PRM  
SCHEMA MECANIQUE & NUMEROS DE PIECES  
MECHANISCHE ZEICHNUNG & TEILENUMMERN

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## STORNOMATIC 6000

### INSTALLATION

The Stornomatic 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. The following tables show the versions and the necessary accessory items.

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 make 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.

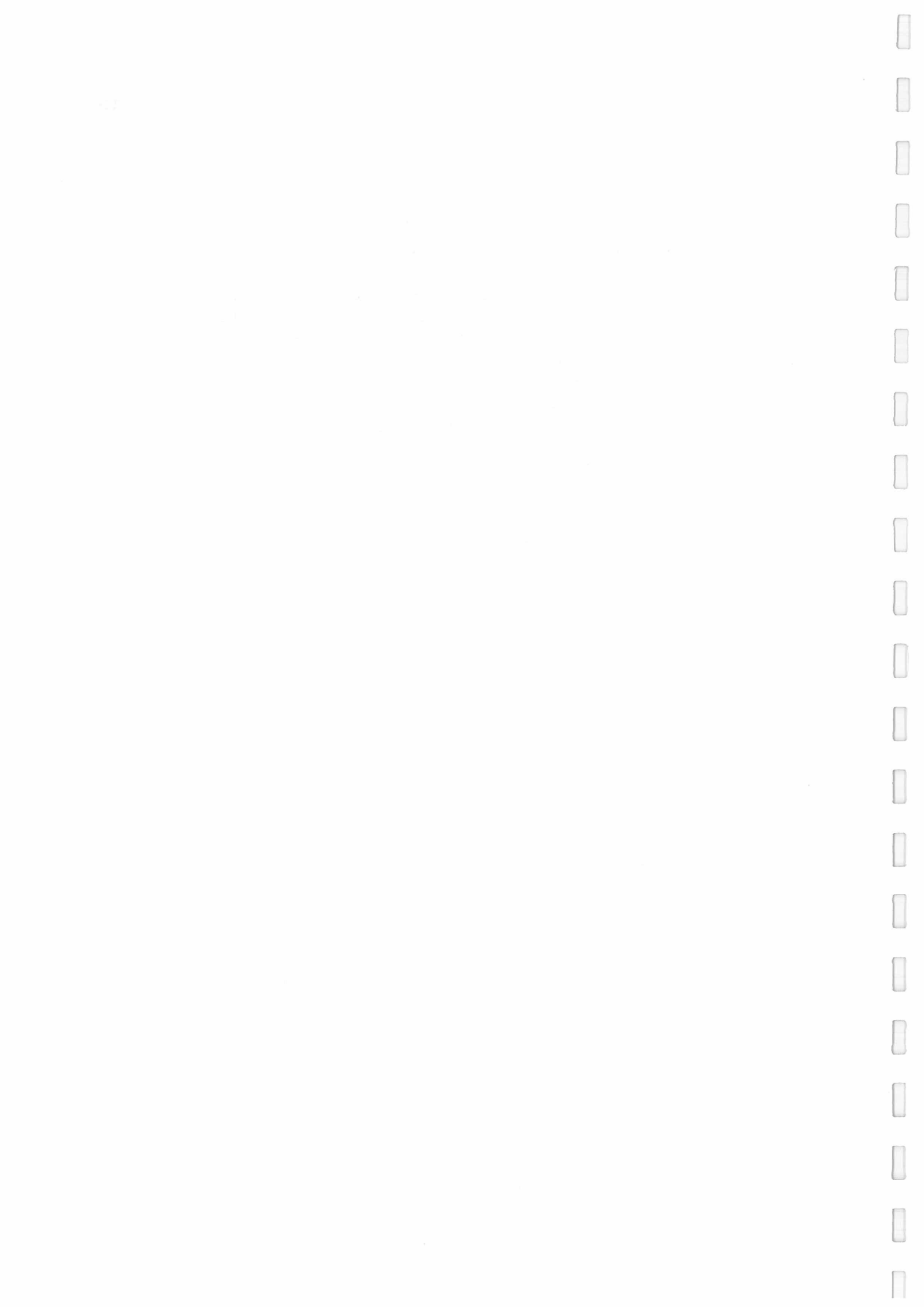
The microphone should be mounted at a place in front of and as close as possible to the operator so that normal speaking distance (30 - 40 cm) is obtained.

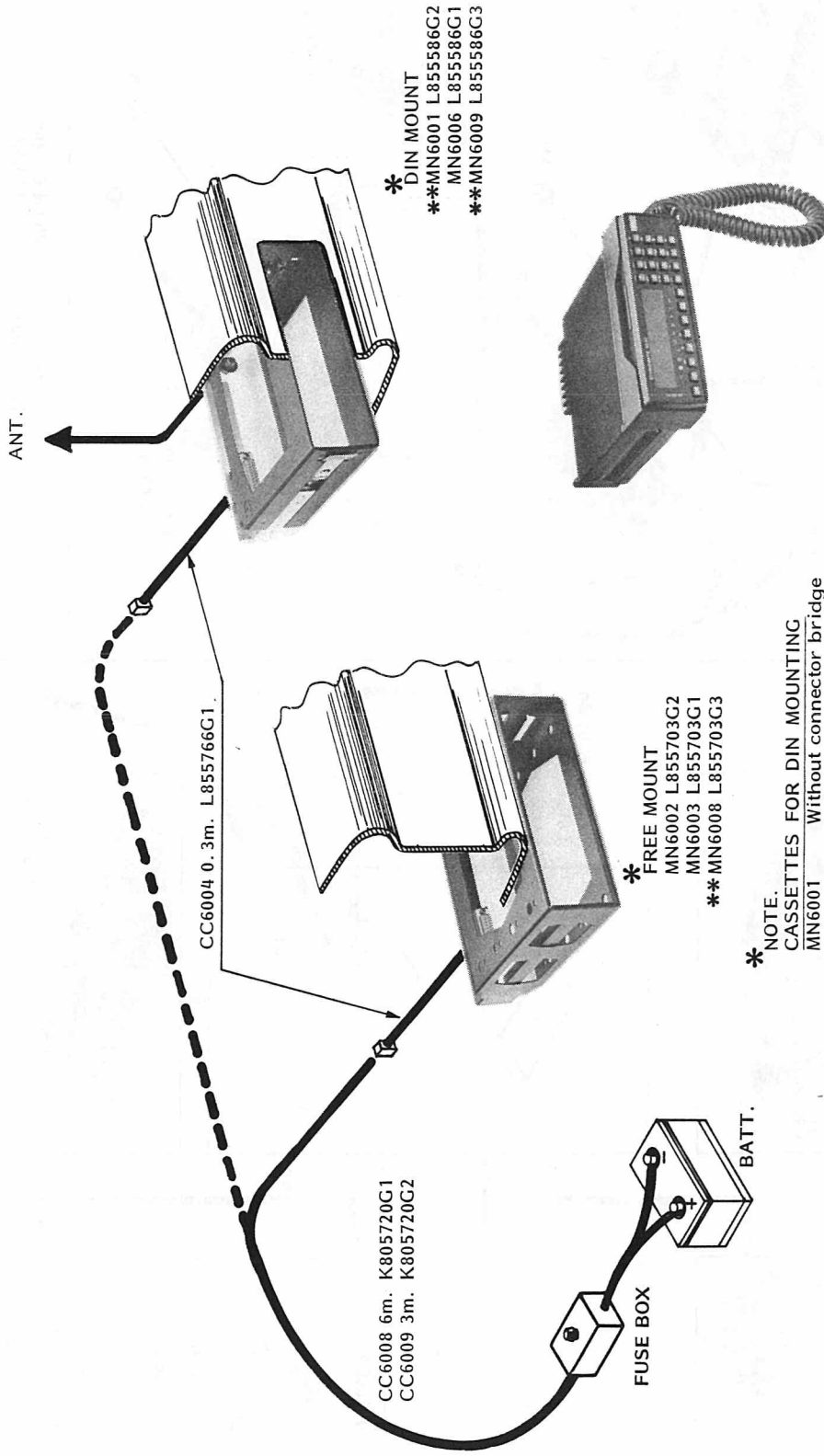
The transmitter key switch should be mounted within convenient reach of the operator and the loudspeaker at a suitable place from where the cable can be routed to the junction box.

## 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<sup>2</sup>, 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.





\* DIN MOUNT  
 \*\*MN6001 L855586G2  
 MN6006 L855586G1  
 \*\*MN6009 L855586G3

\* FREE MOUNT  
 MN6002 L855703G2  
 MN6003 L855703G1  
 \*\* MN6008 L855703G3

\* NOTE:  
 CASSETTES FOR DIN MOUNTING  
 MN6001 Without connector bridge  
 for manually connection  
 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

\*\* THESE CASSETTES ARE NOT USED WITH CQM6000

MECHANICAL INSTALLATION  
 FOR HANDSET CONTROL RADIO  
 ALL TYPES OF CASSETTES

**Storno**

FOR HAND FREE

LS6001  
L855093G2



LS6002  
J708821G1

MICROPHONES

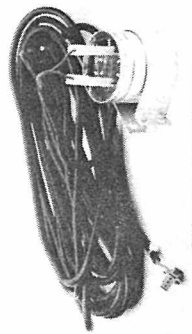
SEE DRAWING No. M405. 275

SU6001 K805200G2



FOR HAND FREE

BC MUTE/HORN ALARM



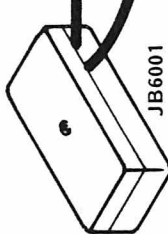
SU6002 K805495G2



JB SMALL

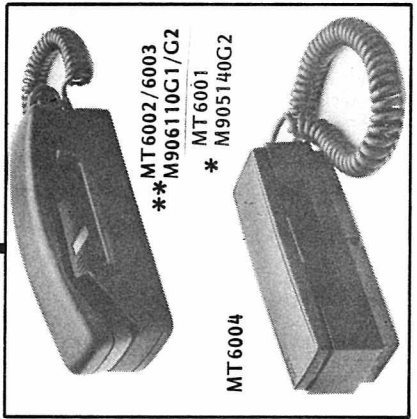


CC6003 With Box  
L855688G1



CC6002  
L855767G1

IGNITION SWITCH

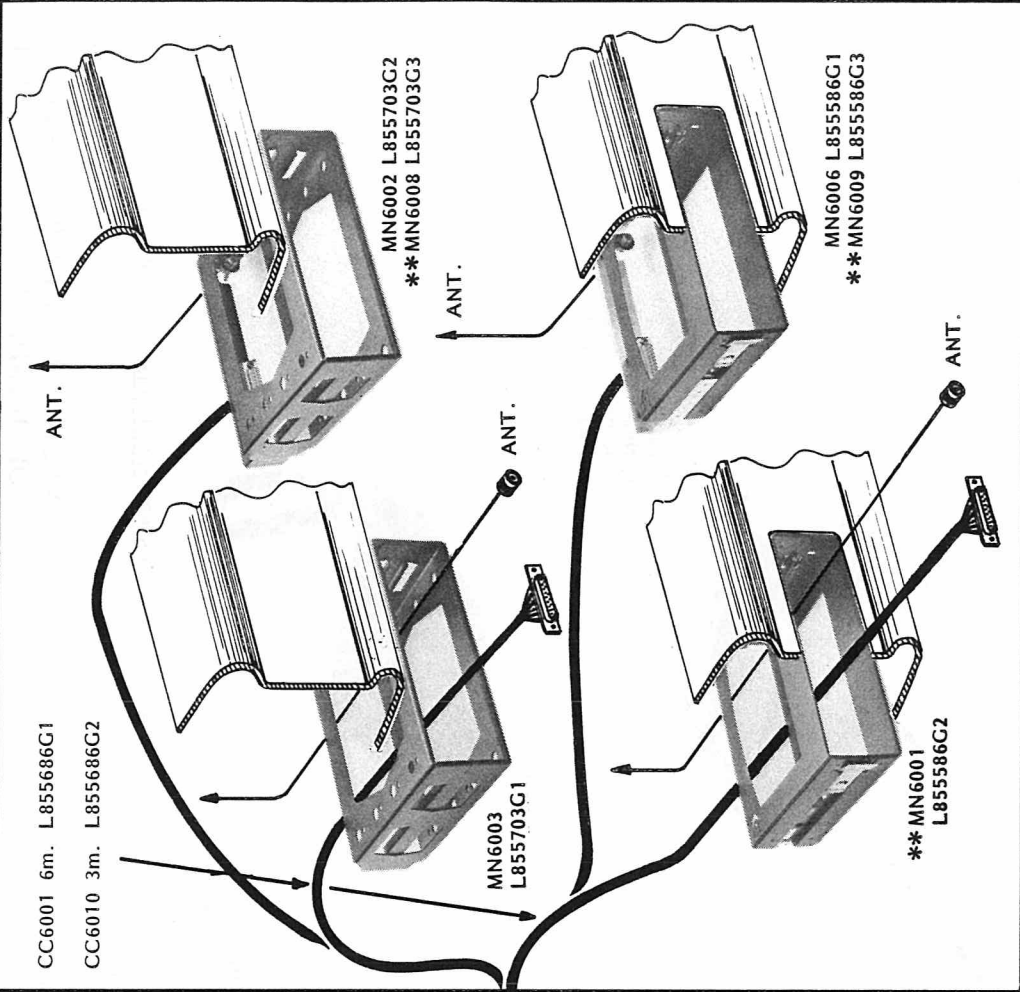


MT6002/6003  
\*\* M906110G1/G2

MT6001  
\* M905140G2

MT6004

**Storno**



CC6001 6m. L855686G1  
CC6010 3m. L855686G2

ANT.

MN6002 L855703G2  
\*\* MN6008 L855703G3

ANT.

ANT.

MN6003  
L855703G1

MN6006 L855586G1  
\*\* MN6009 L855586G3

ANT.

\*\* MN6001  
L855586G2

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

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

M405. 201/2



FUSE BOX

CC6008 6m. K805720C1  
CC6009 3m. K805720C2

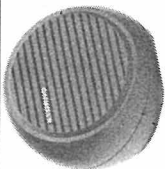
BATT.



**Storno**

FOR HAND FREE

LS6001  
L855093G2



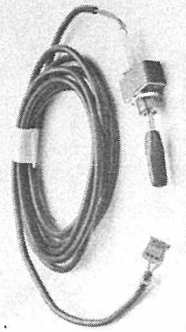
LS6002  
J708821G1



MICROPHONES

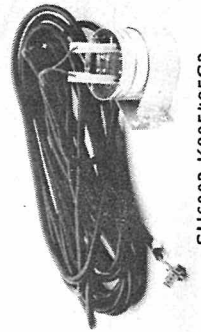
SEE DRAWING No. M405. 275

SU6001 K805200G2



FOR HAND FREE

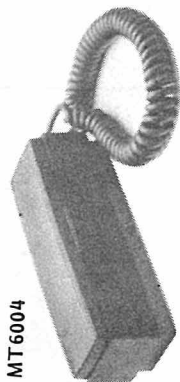
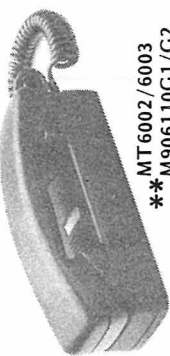
BC MUTE/HORN ALARM



SU6002 K805495G2

MT6002/6003  
\*\*M906110G1/C2

MT6001  
\*M905140G2

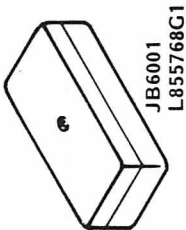


MT6004

TRUNK MOUNTING  
CC6001 6m. L855686G1  
CC6010 3m. multi cab. 6m. batt. cab.  
L855686G2

CLOSE INSTALLATION  
CC6002 L855767G1

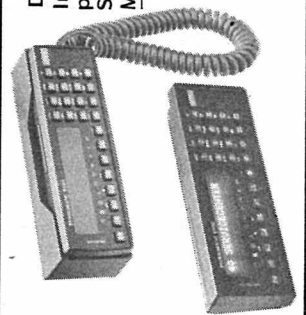
IGNITION SWITCH



JB6001  
L855768G1

CC6005 K805596G1

Different Installation possibilities  
See Drawing No. M405. 203

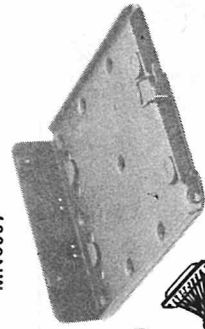


**Storno**

FREE MOUNT

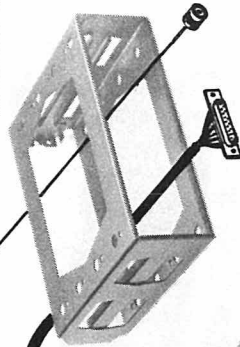
MN6007

ANT.

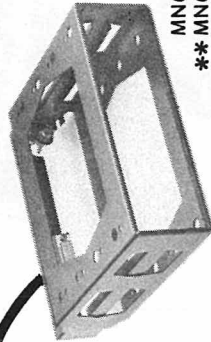


MN6003  
L855703G1

ANT.



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

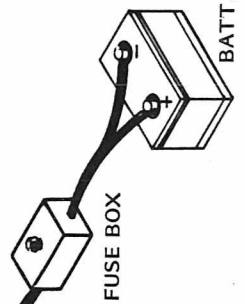


NOTE.

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

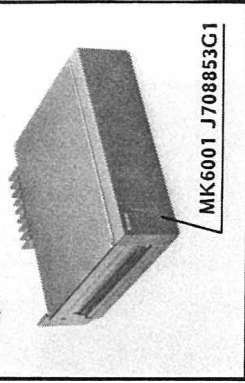
CC6008 6m. K805720G1  
CC6009 3m. K805720G2

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



FUSE BOX

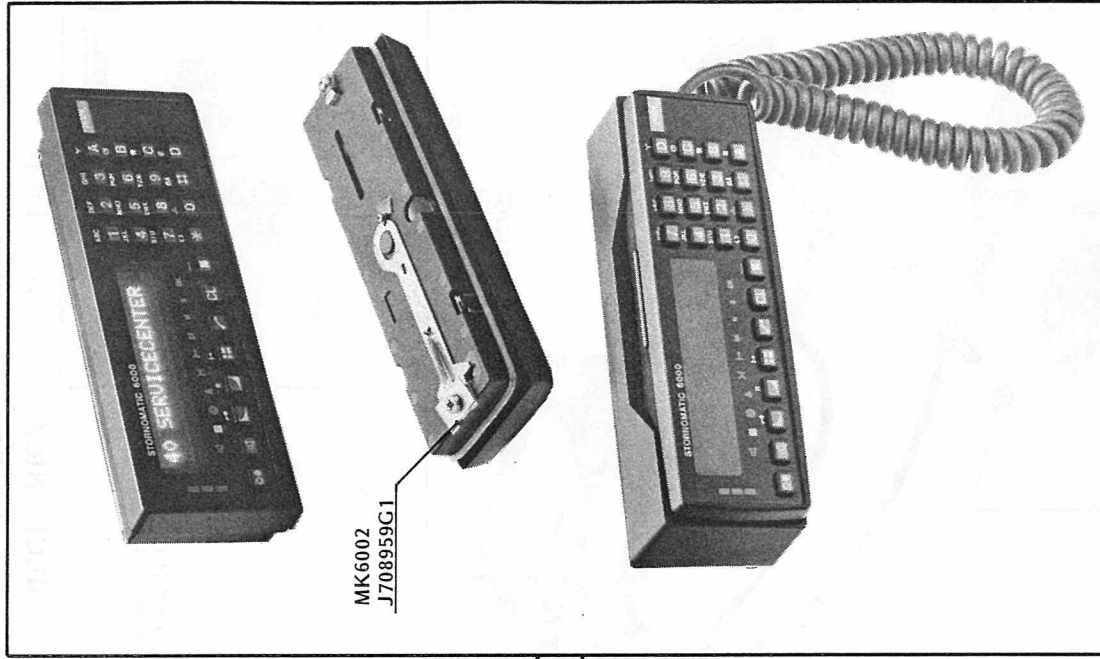
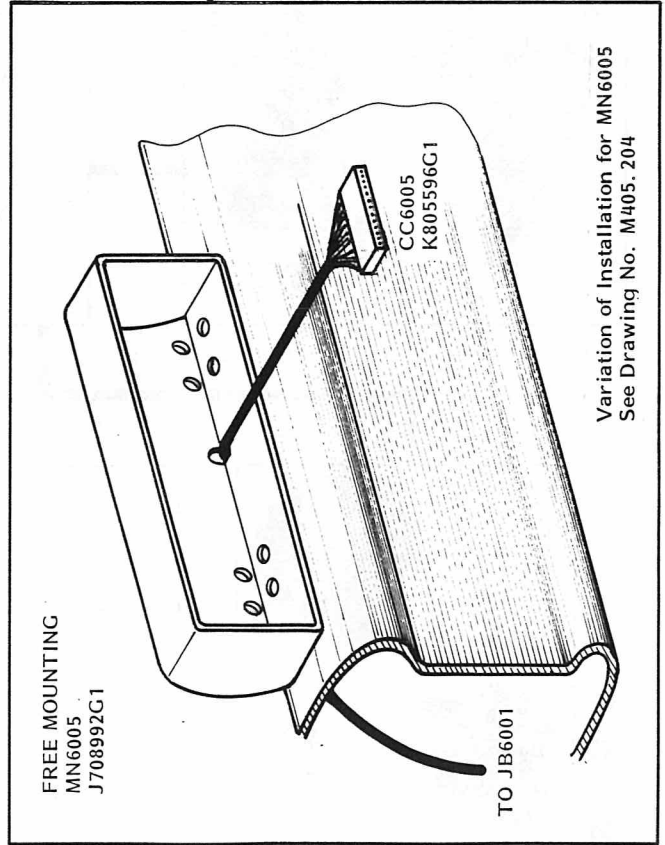
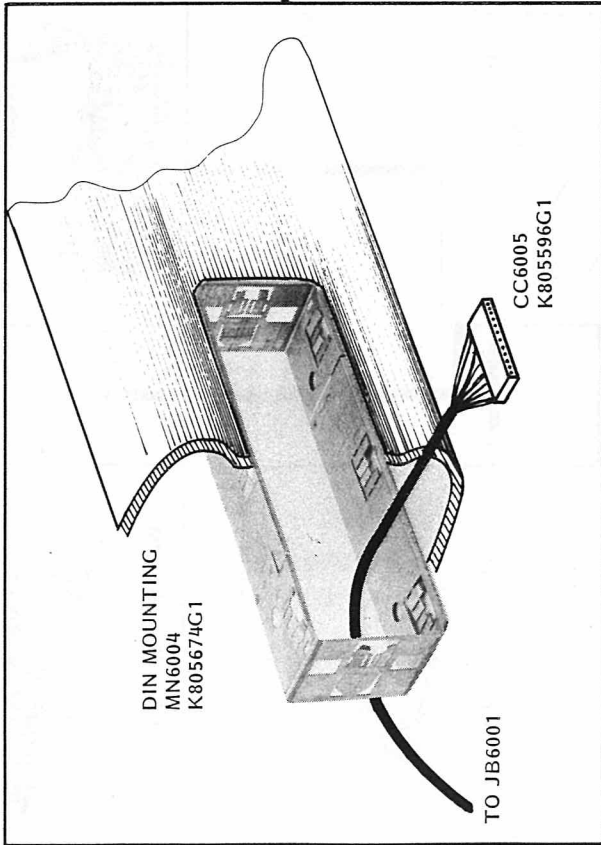
BATT.



MK6001 J708853G1

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

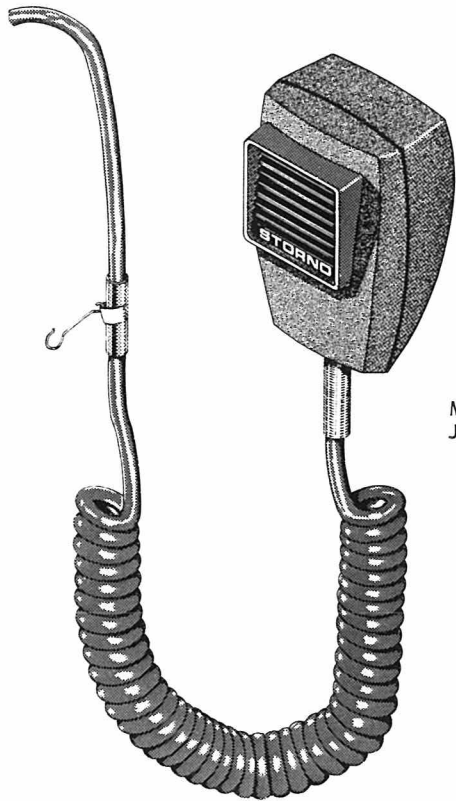
M405. 202 / 2



MECHANICAL INSTALLATION  
FOR CONTROL BOX & HANDSET WITH  
MN6004 AND MN6005

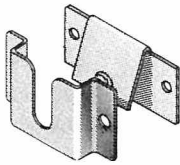
M405.203

# Storno



MC6003  
J708655P1

ONLY FOR CQM6000



HS5001  
J708850P1

# Storno

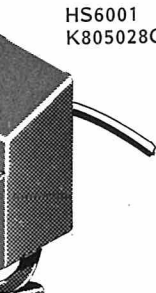
MC6004  
K805101G2



FOR PRM & CQM6000



MC6001  
L855903G4

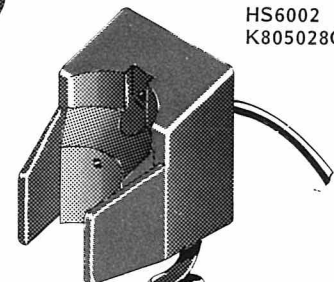


HS6001  
K805028G5

ONLY FOR CQM6000



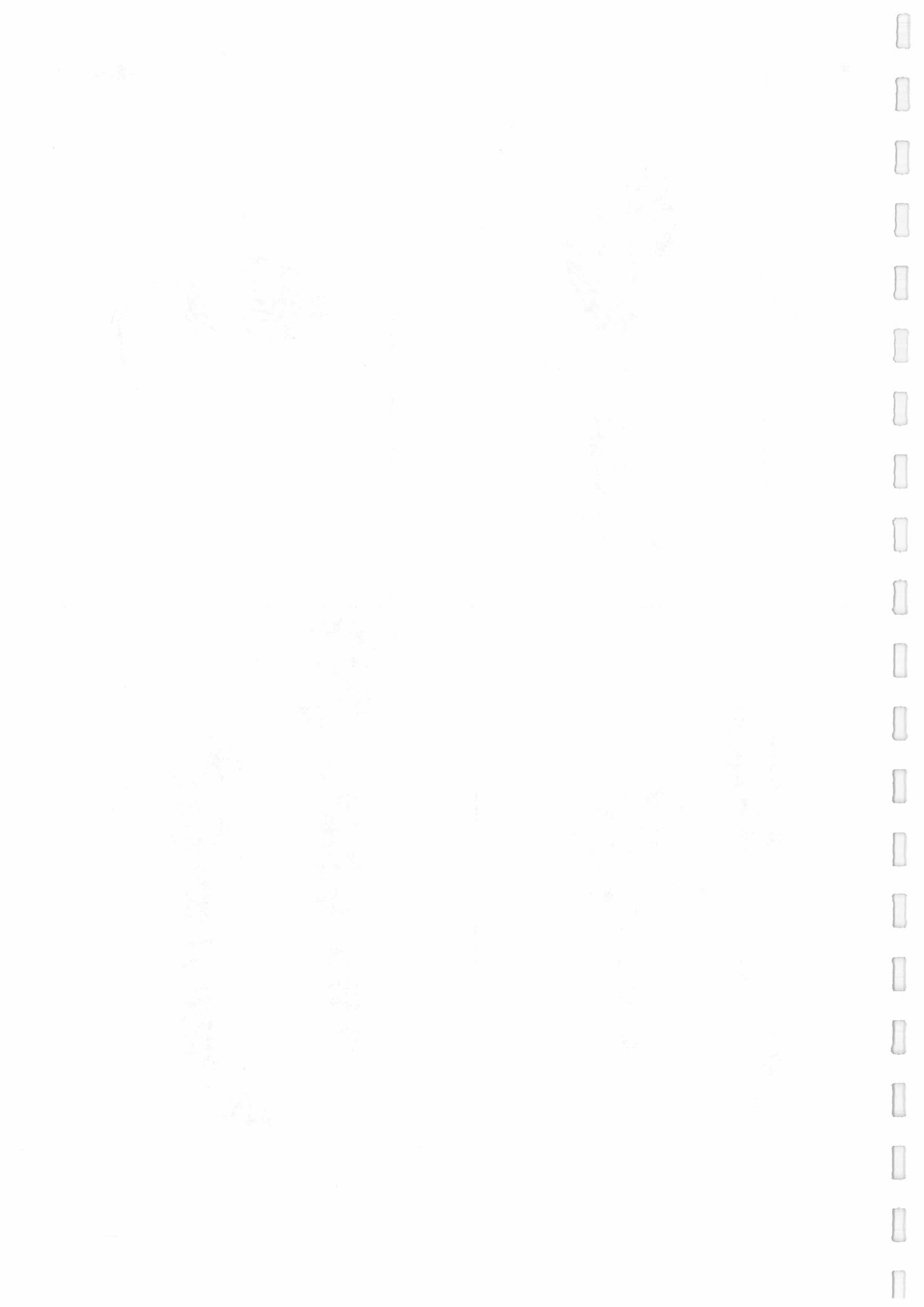
MC6002  
L855903G5

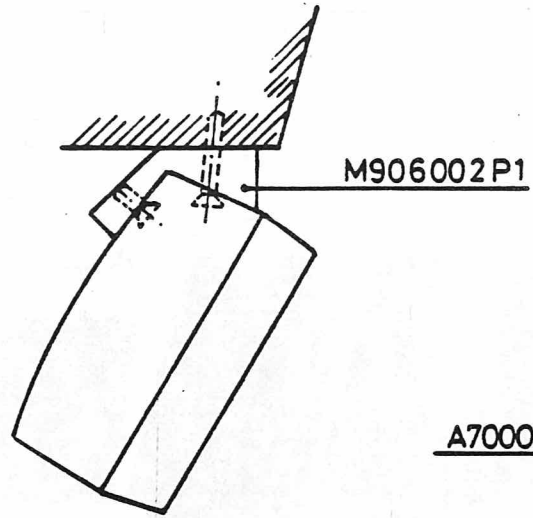


HS6002  
K805028G6

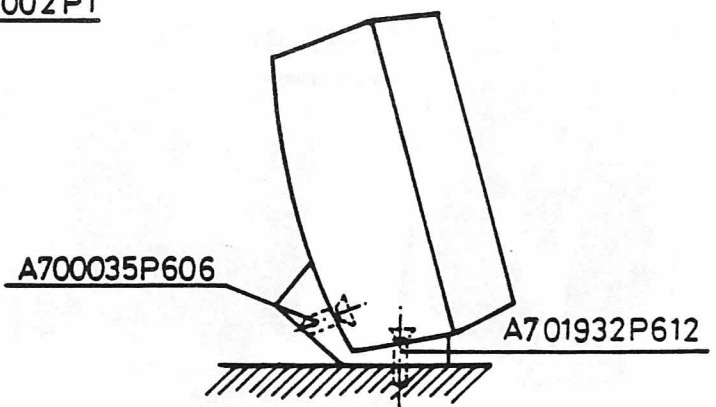
ONLY FOR CQM6000

MICROPHONES FOR PRM & CQM6000  
FOR HAND FREE OPERATION

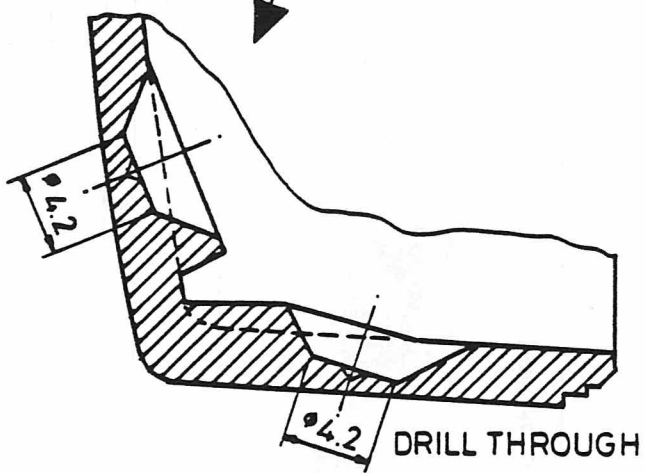
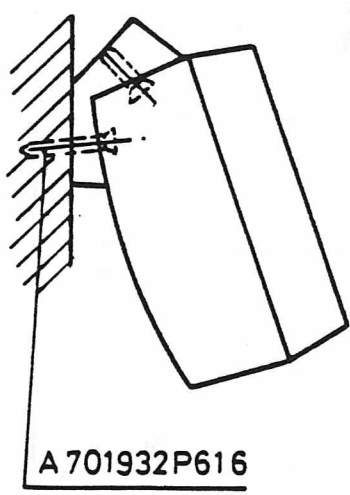
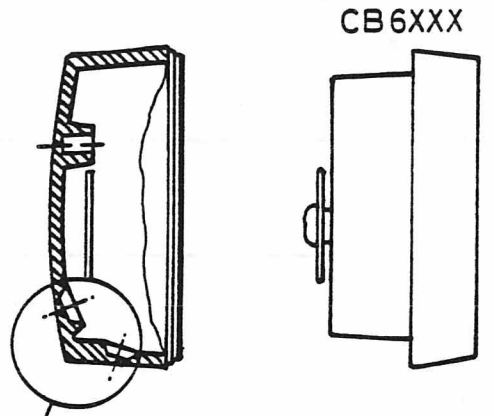
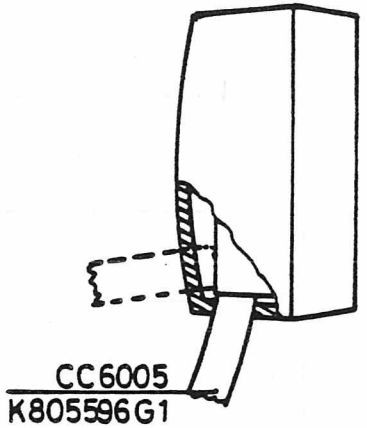
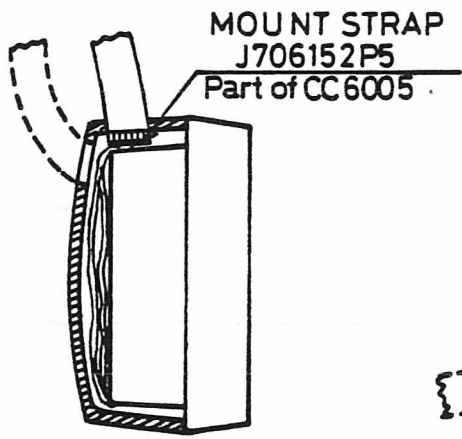




TRUCK PANEL MOUNT



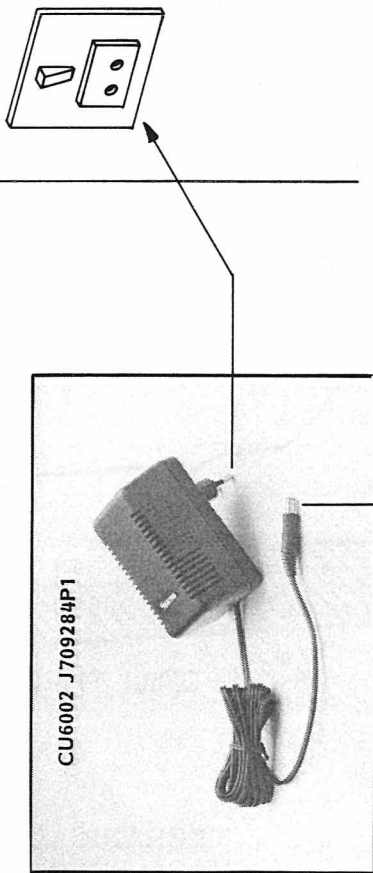
DASHBOARD MOUNT



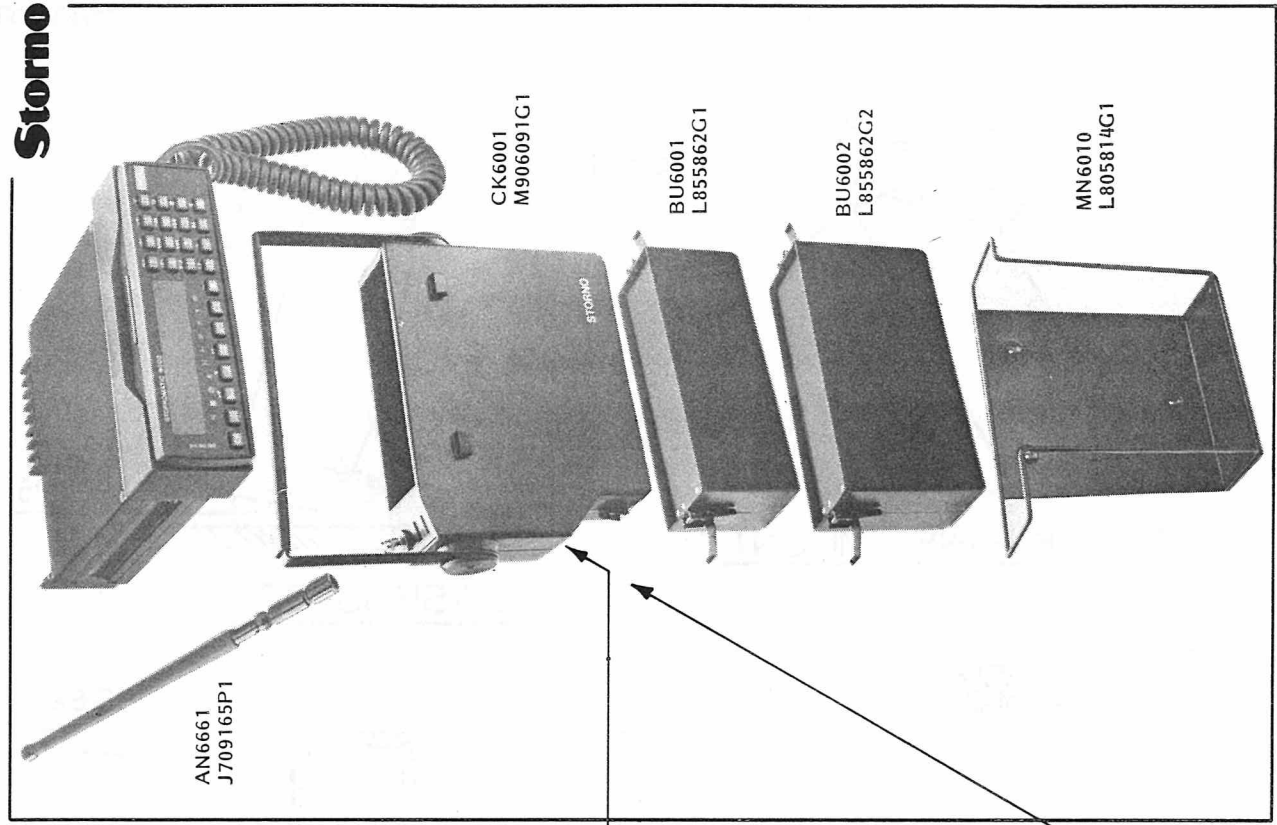
MECHANICAL INSTALLATION  
VARIATIONS OF MN6005

**Storno**

FIXED INSTALLATION



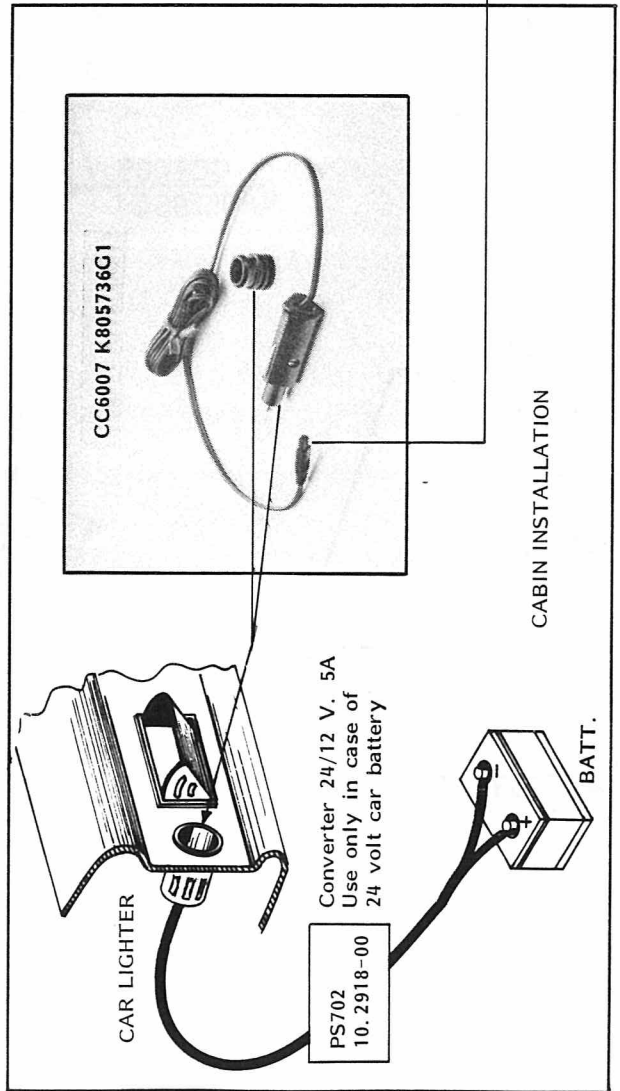
**Storno**



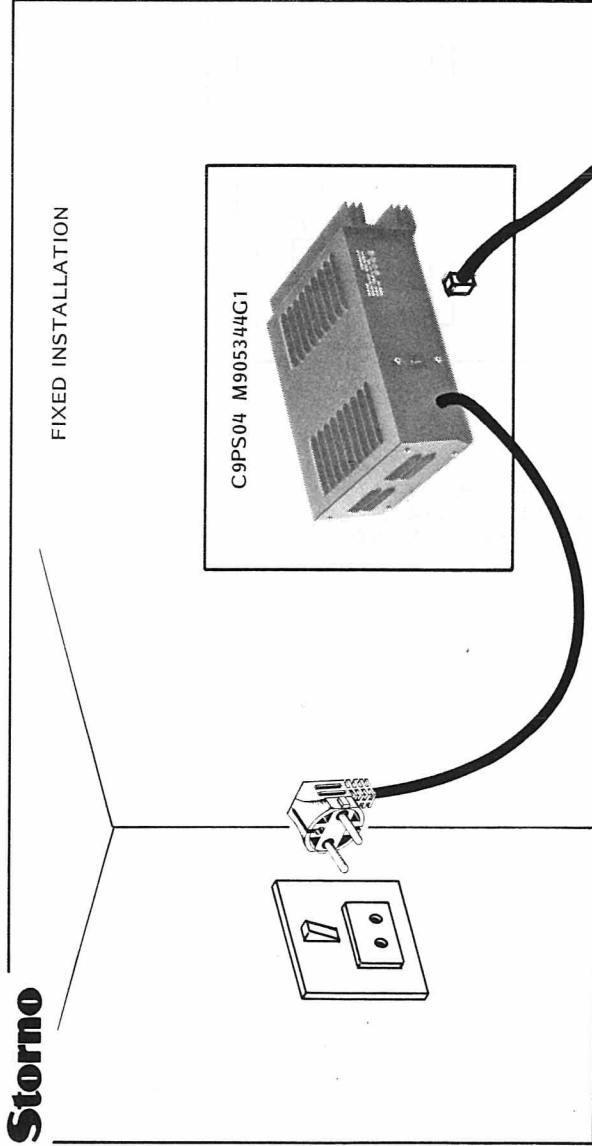
MECHANICAL INSTALLATION  
FOR PORTABLE RADIO  
FIXED OR CAR CABIN MOUNT

M405.205 / 2

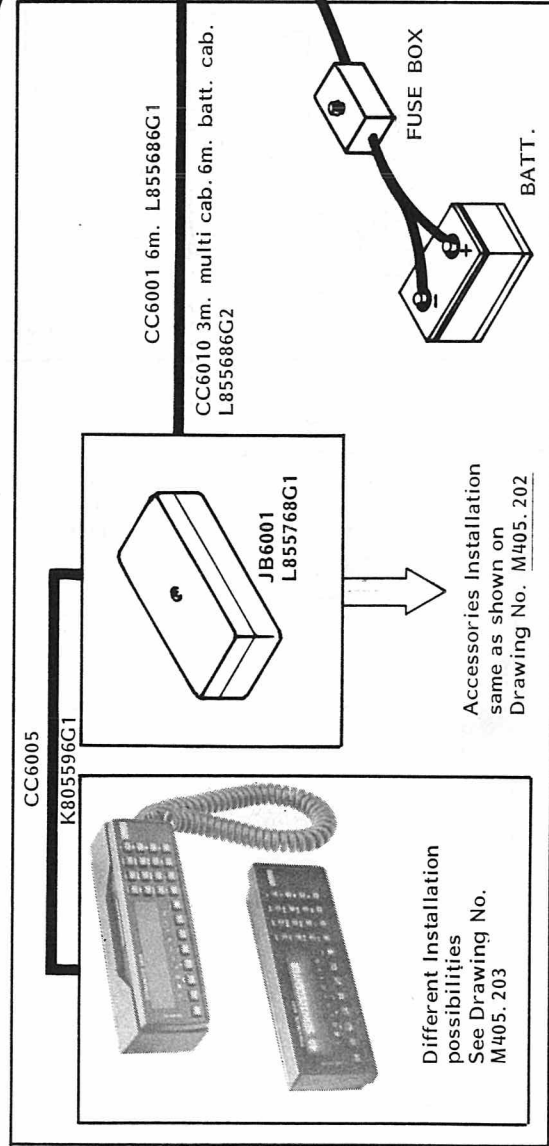
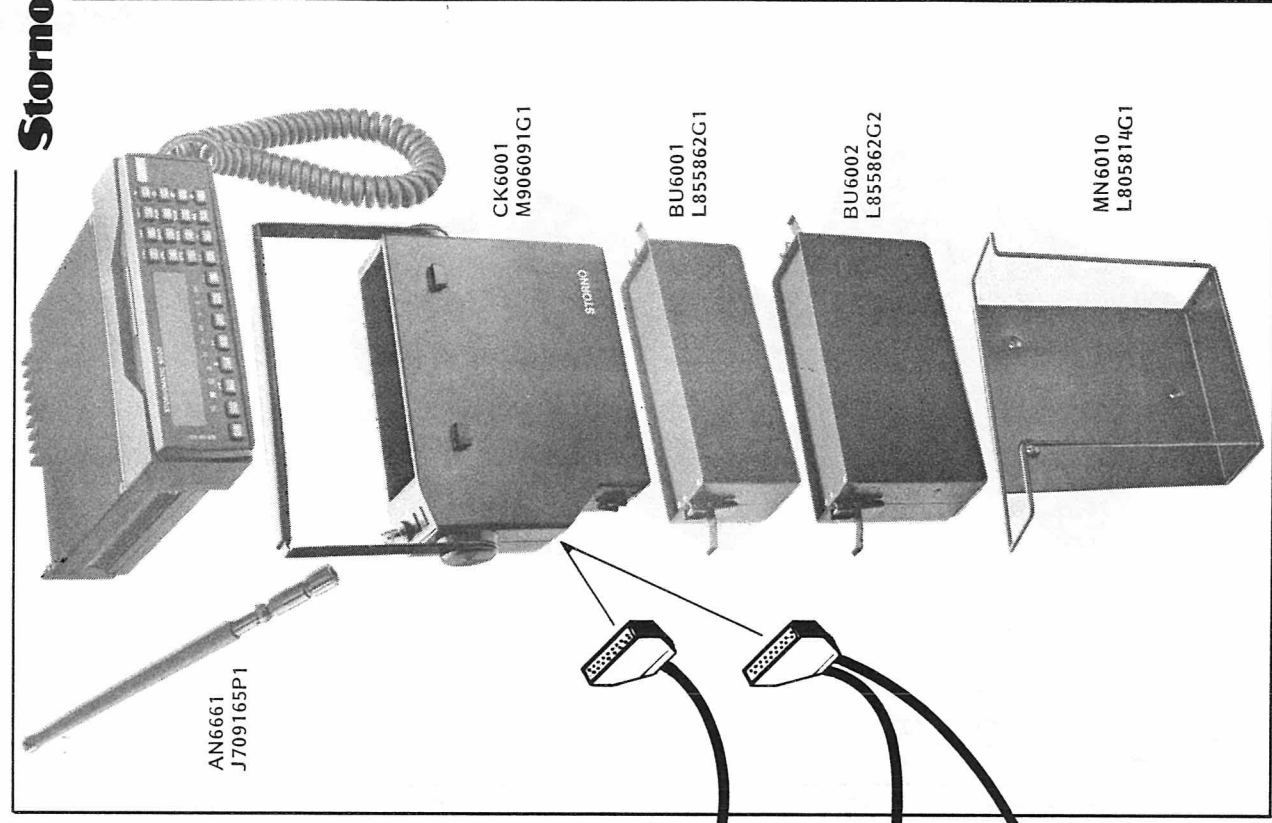
NOTE. Radio active with only  
charged BU6001/6002



**Storno**



**Storno**

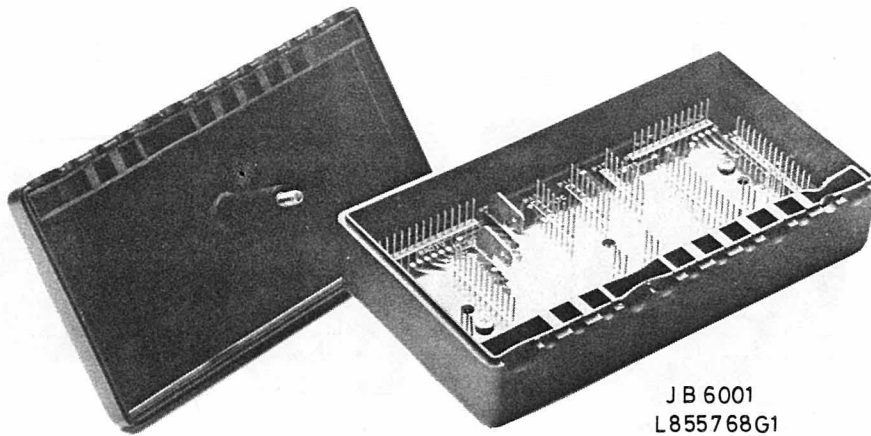


MECHANICAL INSTALLATION  
FOR PORTABLE RADIO  
FIXED OR TRUNK MOUNT

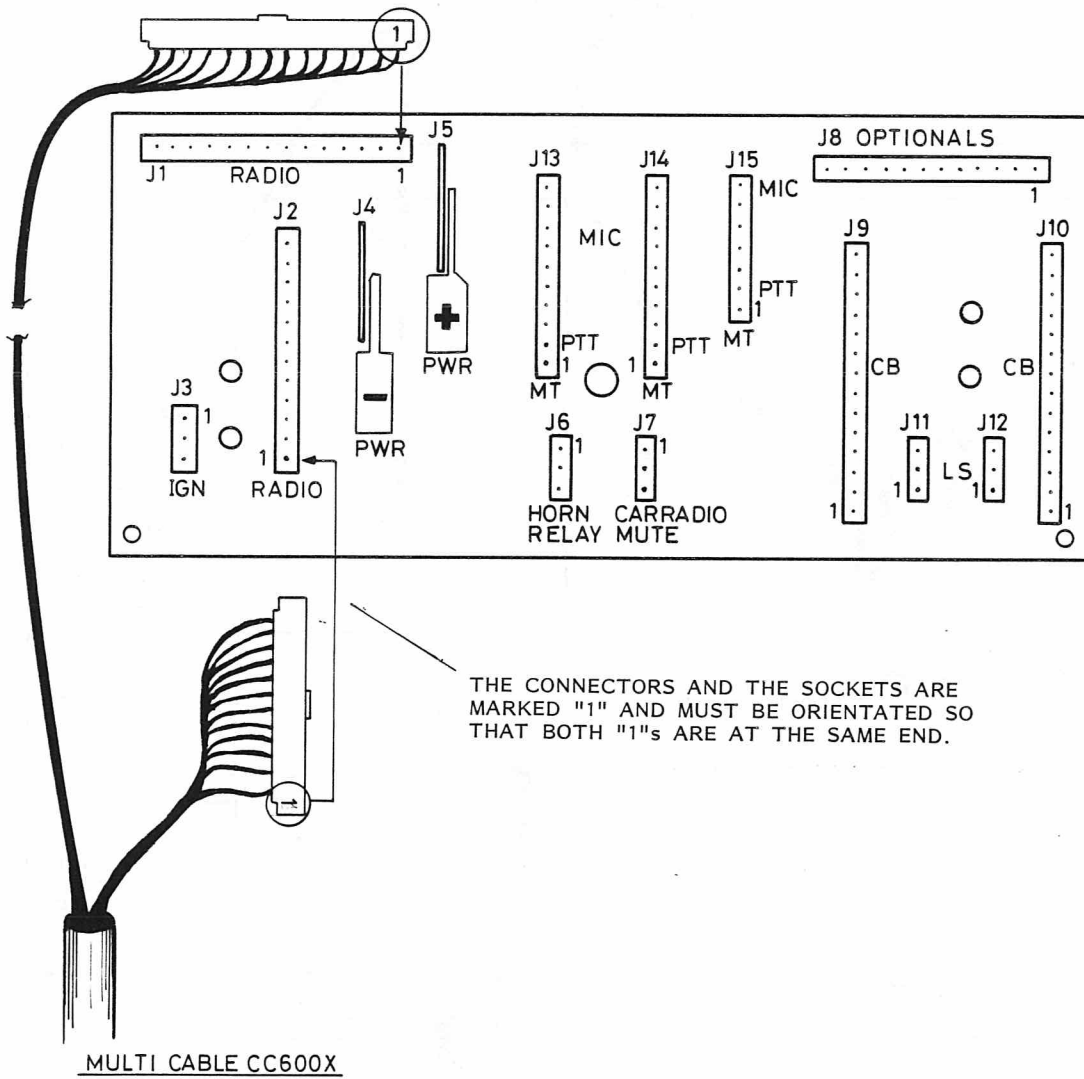
M405.206/2

NOTE. Radio also active with discharged BU6001/6002



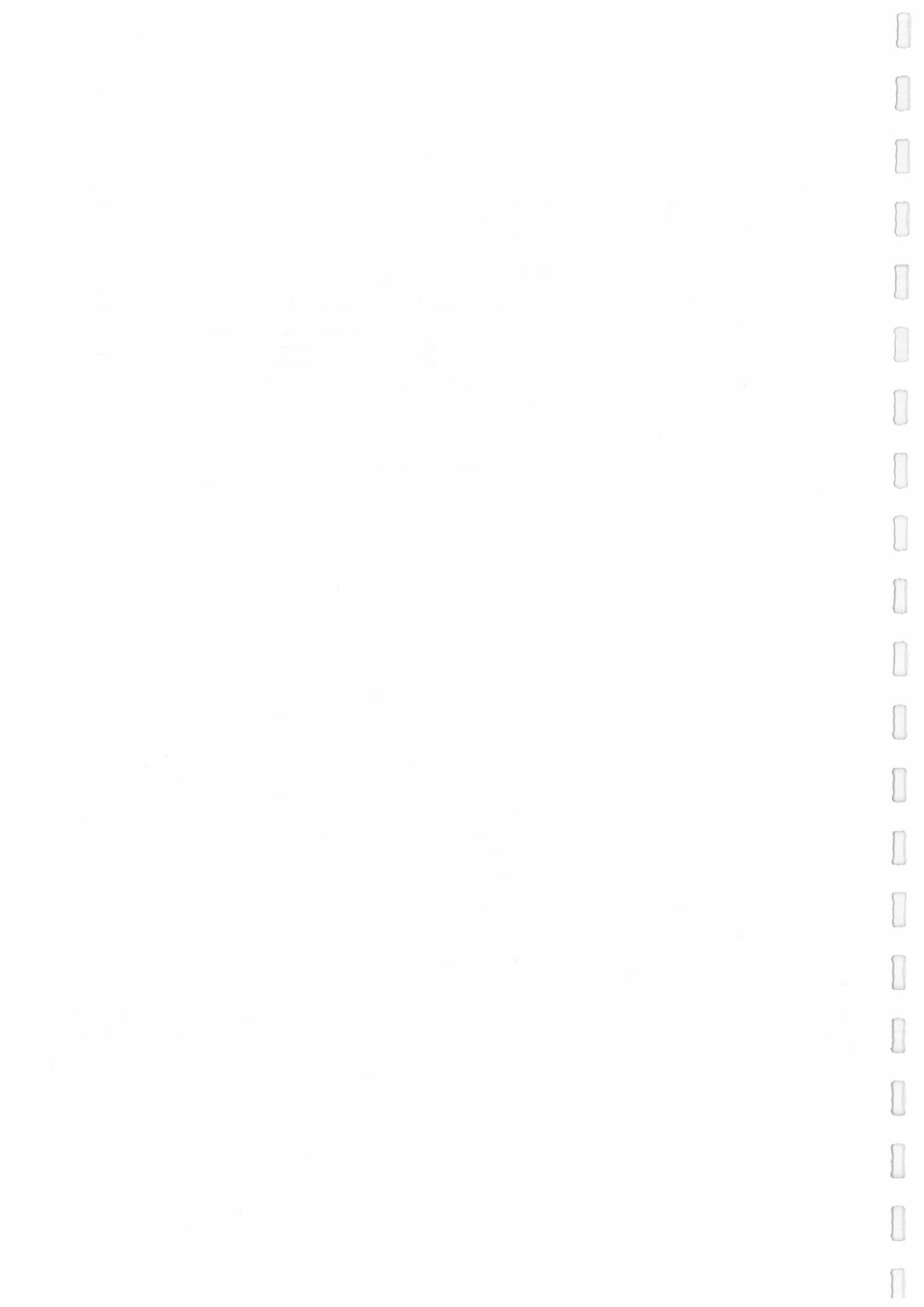


JB 6001  
L855768G1









CHAPTER  
CHAPITRE  
KAPITEL

5

**Storno**



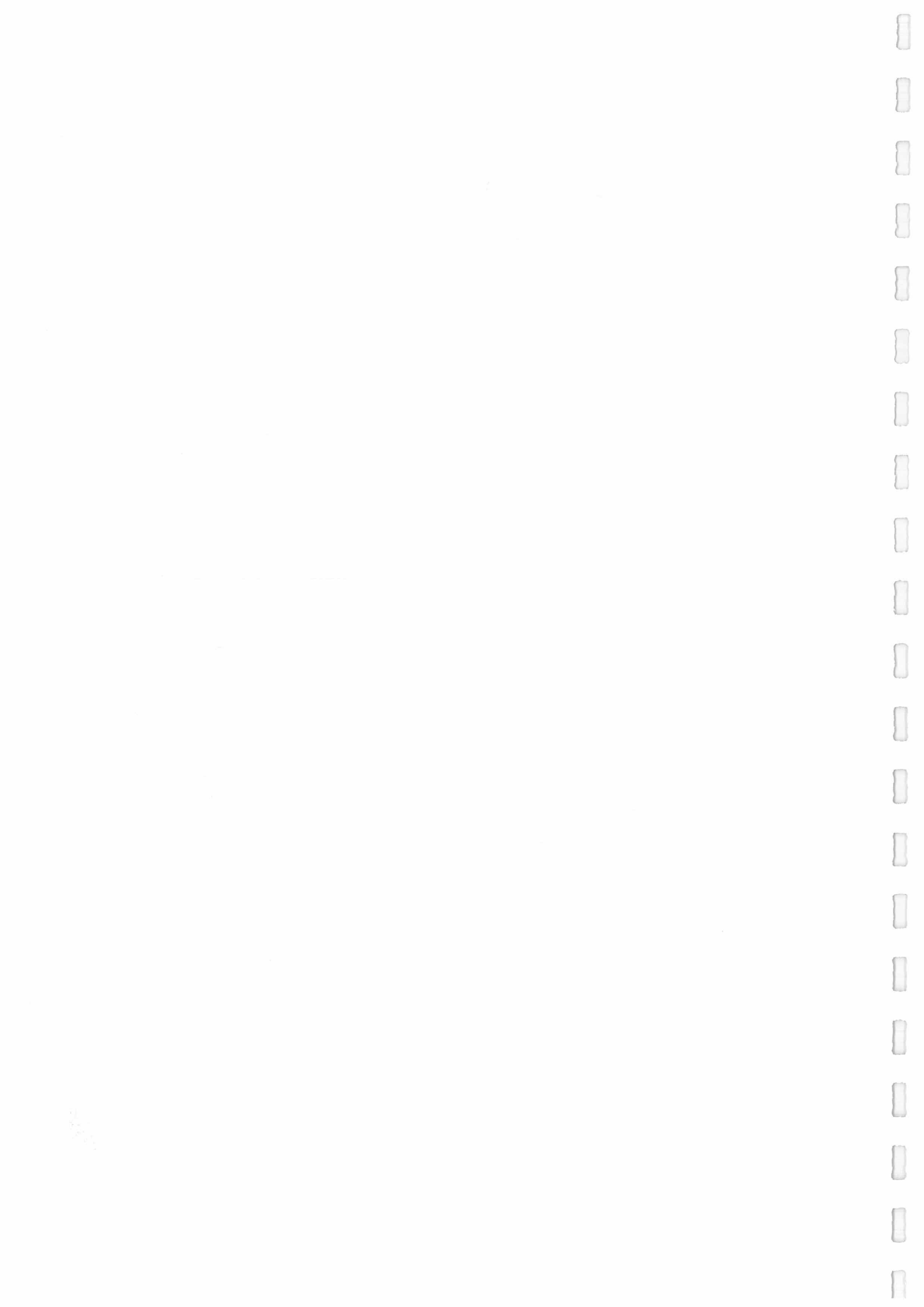
5

CHAPTER  
CHAPITRE  
KAPITEL

# COMBINATION NUMBER

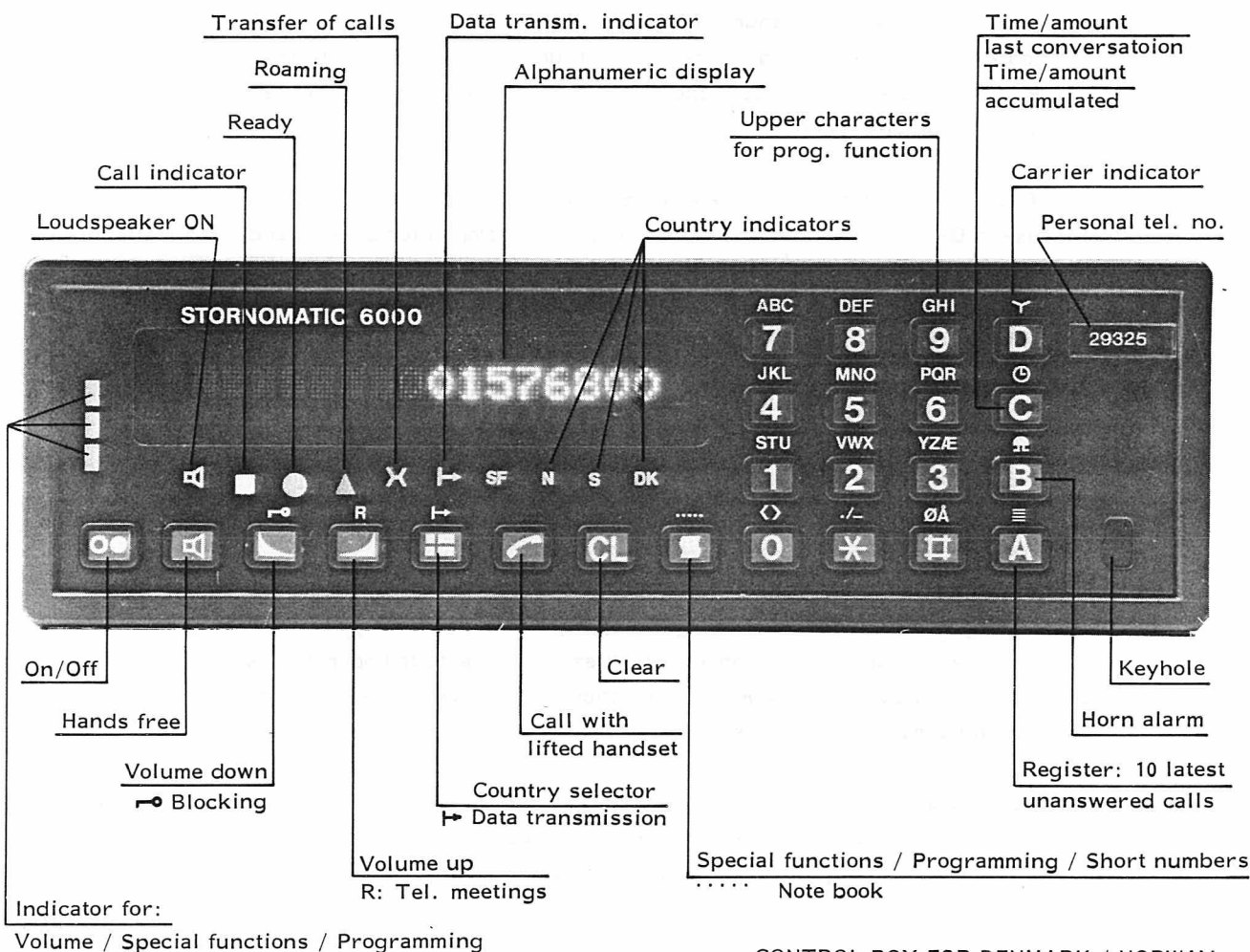
## CONTROL BOX

PRODUCT CODE			TYPE	FRONT PANEL	COUNTRY	MOUNTING
C	B	6		1 0		
CONTROL BOX 6000				NMT SYSTEM		
STANDARD FRAME	→	0			D DENMARK	L LOCAL
HANDSET FRAME	→	1			N NORWAY	R REMOTE
ORIENTATED FRAME	→	Not yet released			S SWEDEN	
WATERPROOF	→	Not yet released			Y FINLAND	

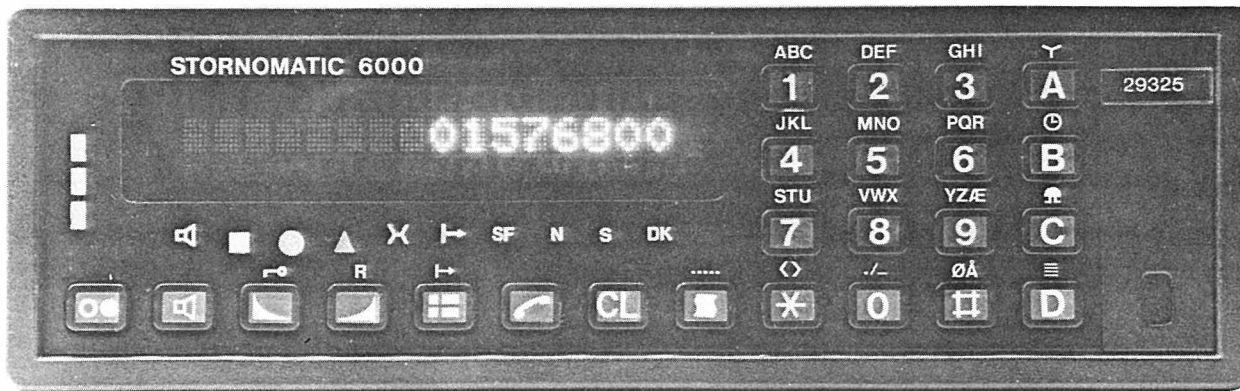


# STORNOMATIC 6000

## CONTROL BOX



CONTROL BOX FOR DENMARK / NORWAY  
STORNOMATIC 6000



CONTROL BOX FOR SWEDEN / FINLAND  
STORNOMATIC 6000

## STORNOMATIC 6000 CONTROL BOX

The CB6xxx is a general control head with a H-bus serial interface. It has a 16 character alphanumeric Vacuum Fluorescent 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.

Two different front panels are available for the control box. One is for use in Denmark and Norway and the other is developed for Sweden and Finland.

They perform the same functions, only the keyboard pattern is different (see page 1).

The appropriate front panel for the control box is chosen by stating the desired country in digit no. 7 of the control box combination number (see chapter 2).

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

During operation several messages may appear on the display. If the text ends by a "!" the radiotelephone indicates a message to the operator. A text ending by a "?" designates a question for the operator - question which he may choose to answer or ignore.

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 STORNOMATIC 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 backlit 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 2.

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 for handset	1
	L855630G10	Not yet released	0
	L855630G11	Not yet released	0
	L855630G12	Not yet released	0
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	Foil, Contact	1
3.5	K805752G1	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 Contr.with code plug	1
4.1	M906060P1	Light Separator Rubber	1
4.2	J708896P1	Display, Fluoresc. 16-SD-01Z	1
5	J709215G1	Shield Asm.	1
6	M905787G1	Housing Asm.	1
7	J709042P1	Label Type CB6XXX	1
8	L855664G2	Wafer Asm., 09 CKT for Local Contr.	1

## MECHANICAL PARTS LIST

CB6XXX For LOCAL/REMOTE/HANDSET

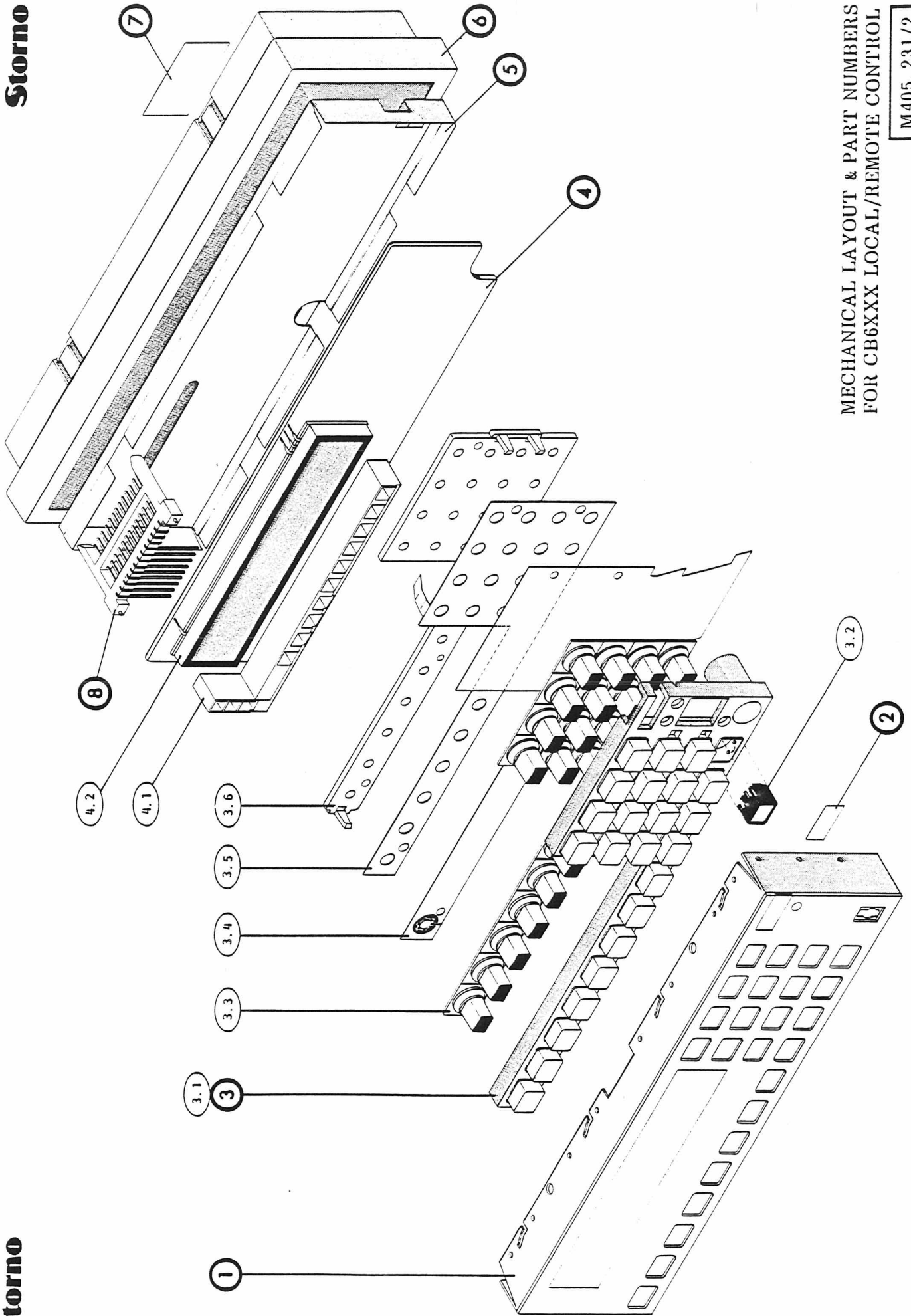
Revision 00

5th.Feb.1986

MPI.405.231

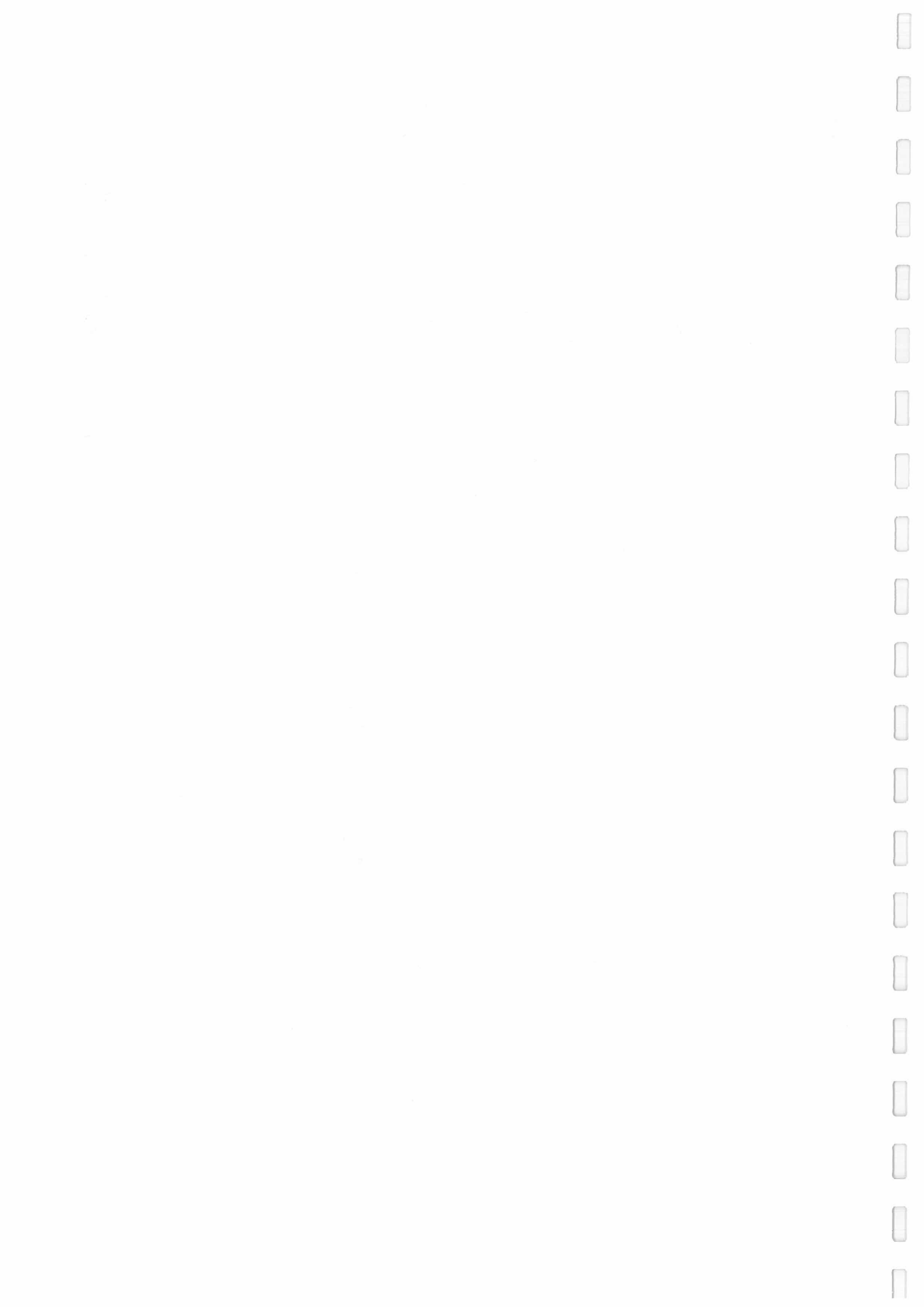
**Storno**

**Storno**



MECHANICAL LAYOUT & PART NUMBERS  
FOR CB6XXX LOCAL/REMOTE CONTROL

M405. 231/2



CHAPTER  
CHAPITRE  
KAPITEL

6

**Storno**



# OPERATING INSTRUCTIONS



## PROGRAMMING FUNCTIONS

Each time the radio is turned on, the call number of the radio is briefly displayed.  
Turn the radio on


### PASSCODE

CAREFUL: The pass code blocks for all the programming functions when entered.


#### - Keying

-  5 seconds
-  one time



Enter the code

-  one time

#### - Changing or cancelling


-  5 seconds

Enter the old code


-  one time
-  one time

old Pass code displayed

Delete each digit by pressing **CL**


-  one time for cancelling

OR


-  one time

Enter the new code


THEN


-  one time

### BLOCKING

-  5 seconds


-  Actual status is shown!

-  press to scroll the possibilities
- No call possible
- No access to precoded numbers
- Impossible to dial a telephonenumber
- No international call possible
- Impossible to enter an international telephonenumber

-  one time to confirm your choice

**PRECODED NUMBERS**

- Keying, changing and deleting


 5 sec.


OPTION?

Chose a short number and enter it


OR

press zero to get the first free number

The display will ask for a name. Use the alphabet above the numeric keys. Ex: to write an R, press  three times. After a while a beep indicates that the display is ready for the next letter.

 one time to confirm.


Enter the telephone number

 one time to confirm.


To delete during keying use **CL**.

**LANGUAGE**

If the user wishes to use an other language than the one programmed originally:

 5 seconds

OPTION?

 one time


SETUP OPTIONS?

 one time

LANGUAGE:

Changes at once to the language used in the country where the radio is registered

 to scroll language possibilities


 one time

COMPLETED!

Turn the radio off and turn it on again.

The radio is now displaying the wanted language

**RATE CHANGE**

 5 seconds

OPTION?

 one time

RATE/MIN=XXXXXX0



use **CL** to delete  
enter the new rate






























 one time to confirm

COMPLETED!
























## SPECIAL FUNCTIONS


















The following functions pertain to the supplementary symbols above the buttons. The functions are all characterized by initiation through the  button. When pressing the  button shortly the second bar of the 3-bar light indicator to the left starts flashing which means that you have access to the extra facilities.

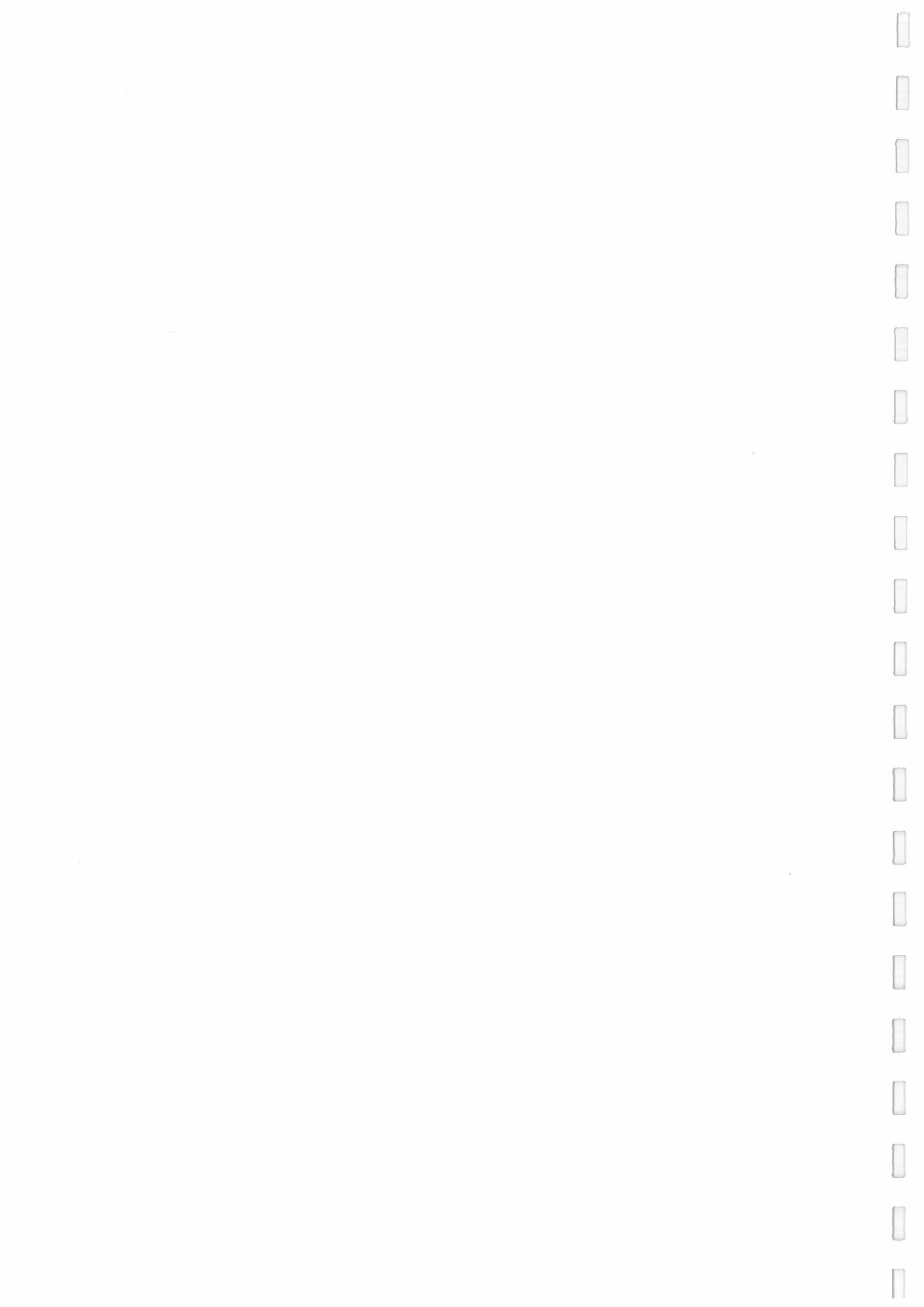
PRESS	PRESS	PRESS	DISPLAY SHOWS	PRESS TO CONFIRM	REMARKS
					<u>Receiver condition</u> : The longer the line the better the conditions
			REDUCED PWR!/? NORMAL PWR!/?		<u>In carrier case only</u> : To adjust power condition. Press  until the desired function is displayed. Confirm your choice by pressing 
			TIME/AMOUNT		<u>Time and amount</u> of the last conversation/ the conversation in progress.
			ACC TIME/AMOUNT		<u>Accumulated time and amount</u> from the radio was last cleared. Clearing is made by pressing <b>CL</b> and 
			ALARM OFF!/ON? ALARM ON!/OFF?		<u>Alarm status</u> appears at the first pressure on  . Press  again to change the status and press  to confirm your choice.
			QUEUE EMPTY! dd:dd ELAPSED dd		<u>Queue</u> containing up to 10 unanswered calls. Shows number of calls/time elapsed. Keep  depressed to scroll through queue. Automatically cleared.
	 MNO		M or N or O		<u>Alphabetic scrolling</u> : the  -button gives access to the letters above the buttons. Key in the first letter of the name you want to find. Ex. : press twice for N. Press  to scroll.

## DIRECT FUNCTIONS

BUTTON	FUNCTION	REMARKS
	ON/OFF	When the radio is turned on the telephone number of the radio itself is displayed briefly. In carrier case: the display also shows: REDUCED PWR
	HANDSFREE CALL	Key in the telephone number and press  . When the call is answered lift off the handset. If no answer/engaged, press  again and the radio is reset.
 	LOUDSPEAKER VOLUME	The 3-bar indicator to the left shows the volume of the loudspeaker. Press  to reduce the volume and  to increase the volume.
	COUNTRY SELECTOR	The preset country indicator is constantly illuminated. Keep  depressed until the symbol, of the country in which you are, is illuminated.
	CALL WITH LIFTED HANDSET	Lift the handset, press  Key in telephone number and press  and  . End the conversation by hanging on and pressing  or by pressing  once more.
	CLEARING	This button deletes the digits one by one. The last keyed digit is the first to be deleted.
	FUNCTIONS SELECT	This button puts the radio in programming mode. The 2nd bar of the 3-bar indicator starts flashing. As long as the indicator flashes you have access to the facilities of the supplementary symbols.
 	RETRANSMISSION/ SHORT NUMBERS	See the NMT user's instruction of the P&T
	CLEARING	By pressing this button twice the whole display is cleared

## OTHER FUNCTIONS

KEY IN	PRESS	PRESS	DISPLAY SHOWS	REMARKS
TELEPHONE NO.			SCRATCH NO. 01	<u>Notebook</u> : Max. 4 numbers can be stored. Automatically cleared when recalled.
TELEPHONE NO.				<u>Data transmission</u> : When the receiver is ready to receive, key in data (min. 3, max. 16) and press  and  .
SHORT NUMBER				<u>Short no. scrolling</u> : Key in the first programmed no. you want to see. Press  until desired no. appears - the number can be called.
  to 				<u>Reading of notebook</u> : The scratch number is automatically cleared when recalled.
				<u>Repetition of call</u> : The telephone number of the last call is displayed by this code. Now the number is ready for transmission.
 				<u>Recalling</u> of a telephone number keyed in during a conversation.



CHAPTER  
CHAPITRE  
KAPITEL

7

**Storno**

7

CHAPTER  
CHAPITRE  
KAPITEL

## FUNCTIONAL TEST

### PRM6662D15

When the radio has been installed it must be tested for proper operation.

If the test is not passed successfully the total installation must be checked to establish facts about where the fault is.

1. Turn the radio on and check that the radio displays the correct telephone number.  
If necessary program the radio telephone number, refer to programming.  
Wait until the display blanks out and the service indicator turns on.
2. Make a call to a telephone subscriber (the office telephone) and perform a speech test for clear reception and transmission.  
During the test turn the volume up and down, switch to handsfree operation, if used and finally ask for a call to the mobile.  
Do not forget to give the mobile telephone number.
3. Hang up, turn the horn alarm on if installed, and wait for the call.
4. When the call comes through check that the alert tone is sounded and that the horn alarm is enabled if installed.  
Perform a speech test and hang up.

If the radio is operating properly but communication quality is poor check:

1. Antenna installation, antenna cable and connector for short circuits.  
Check with an ohmmeter that there is zero (0) ohm between the vehicle chassis and the screen of the antenna cable. If not the antenna base is not properly installed. Check for rust or paint around the mounting hole, inside and outside.  
Use a directional wattmeter to measure the forward power during transmission and to measure the standing wave ratio. Adjust the antenna whip if an adjustable antenna is used.
2. Check handset, microphone and loudspeaker by replacing suspected items.
3. If the radio communication is noisy the problem can be insufficient noise suppression of the vehicle's electrical system. In these cases proper noise suppression components must be installed to solve the problem.

## INSTALLATION TEST

### PRM6662D15

If the installed radio fails to pass the functional test the fault must be located in the installation, the accessories, the radio or the control.

To locate the fault perform the following checks:

1. Check the battery voltage and polarity.
2. Check the battery connections.
3. Check the fuses, replace if necessary.
4. Check all cables and connectors for broken wires and proper orientation.
5. Remove the radio connector and measure the battery voltage between pin 1 (+) and pin 25 (-).

If the radio after these checks cannot be turned on replace the radio with a spare radio which is known to be operating properly. If the spare radio turns on check 1 - 5 again and if no fault is found the original radio is faulty.

If the radio turns on but the functional tests show that an accessory item is not working replace the suspected item.



CHAPTER  
CHAPITRE  
KAPITEL

8

**Storno**



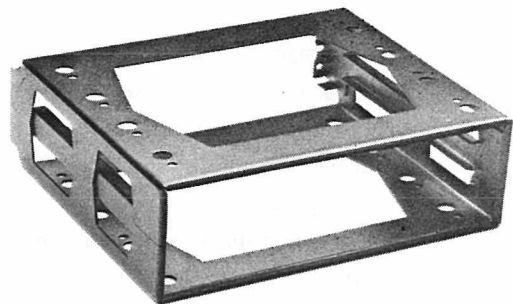
# STORNOMATIC 6000

## ACCESSORIES

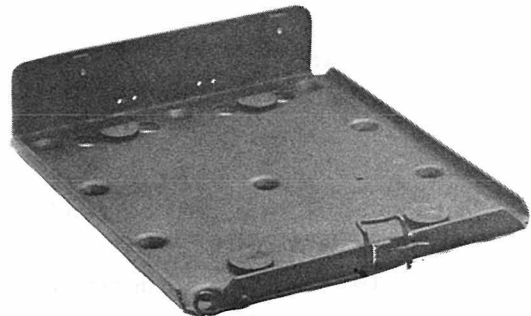
### RADIO ACCESSORIES

Type No.      Part. No. /Description

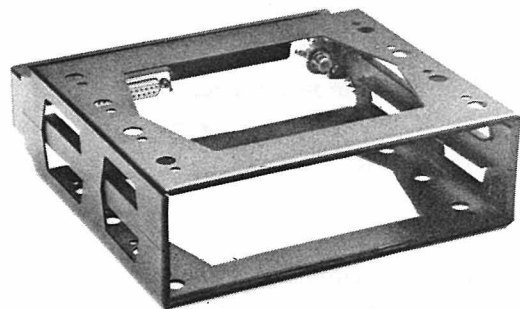
MN6003      L855703G1  
 Frame for mounting outside the auto radio emplacement.  
 Delivered with a separate antennaconnector.



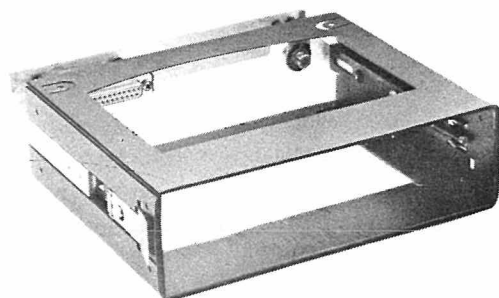
MN6007      L855935G1  
 Retainer for mounting the radio in the trunk.  
 Delivered with a separate antennaconnector.  
 The radio cannot be locked to the mounting device.



MN6008      L855703G3  
 Cassette for mounting outside the autoradio emplacement. Fixed bracket with antennaconnector and mounting holes for cable kit and connector.



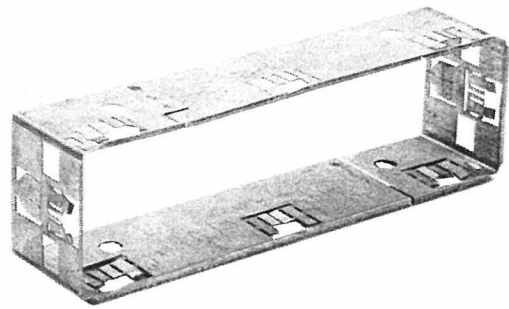
MN6009      L855586G3  
 Cassette for mounting into the autoradio emplacement. Sliding bracket with antennaconnector and mounting holes for cable kit and connector.



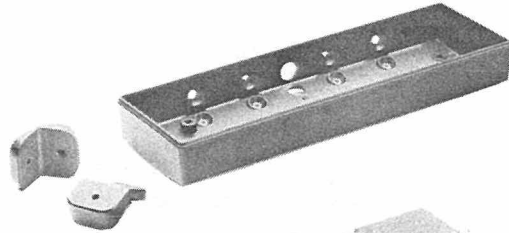
CONTROLBOX ACCESSORIES

Type No. Part. No. /Description

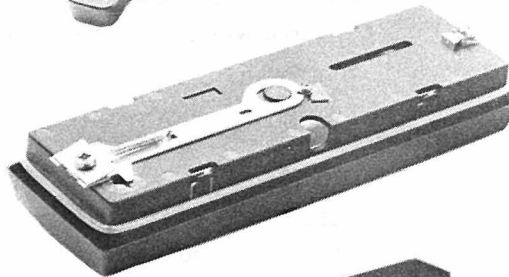
MN6004 K805574G1  
Retainer for mounting the control-box into the autoradio emplacement. The controlbox is locked by means of MK6002, which have to be ordered separately.



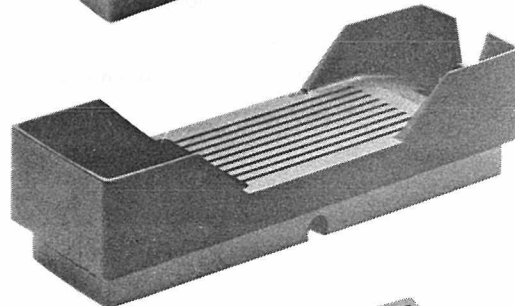
MN6005 J708992G1  
Retainer for mounting of control-box outside the autoradio emplacement. Cannot be used with an orientated frame. The controlbox is locked with MK6002, which have to be ordered separately.



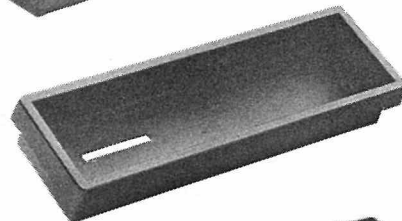
MK6002 J708959G1  
Lockfittings for fasten the control-box in MN6004 and MN6005. Shown mounted.



CB6X10DR  
Separate retainer with build-in loudspeaker. Delivered with 2.5 m cable and connector for junction box.



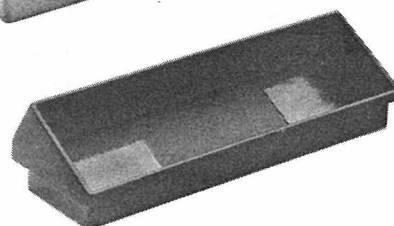
M905787G1  
Standard frame. Orders only for mounting change at service.



CB6Y10DL  
Handset with retainer. Orders only for mounting change at service.



MK6004 M906229G1  
Orientated frame 30 degree. Orders only for mounting change at service.

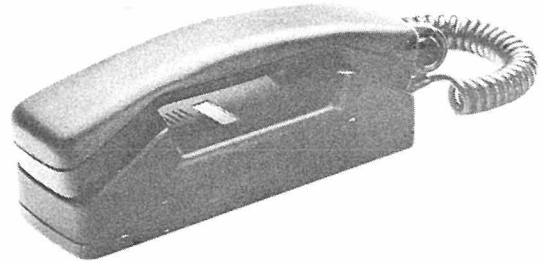


HANDSET/ACCESSORIES HANDFREE USE

Type No. Part No. /Description  
 MT6002 M906110G1  
 Ackermann handset with loudspeaker  
 in retainer.  
 PTT (Push-to-talk) button for the  
 microphone.  
 Delivered with 2.5 m cable with  
 connector to junction box.



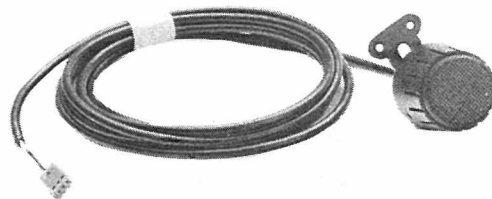
MT6003 M906110G2  
 Ackermann handset with loud-  
 speaker in retainer.  
 Delivered with 2.5 m cable with  
 connector to the junction box.



MT6004/7 M906205G1  
 Storno handset with loudspeaker  
 in retainer.  
 Volume control.  
 Delivered with 2.5 m cable with  
 connector to the junction box.



MC6004 K805101G2  
 Fixed microphone.  
 Delivered with 2.5 m cable with  
 connector to the junction box.



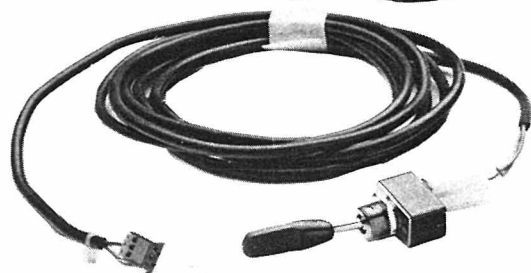
LS6001 L855093G2  
 5 watt ball shaped loudspeaker.  
 Delivered with 2.5 m cable with  
 connector to the junction box.  
 Impedance 8 ohm.



LS6002 J708821G1  
 7 watt water-proof loudspeaker.  
 Delivered with 5 m cable with  
 connector to the junction box.



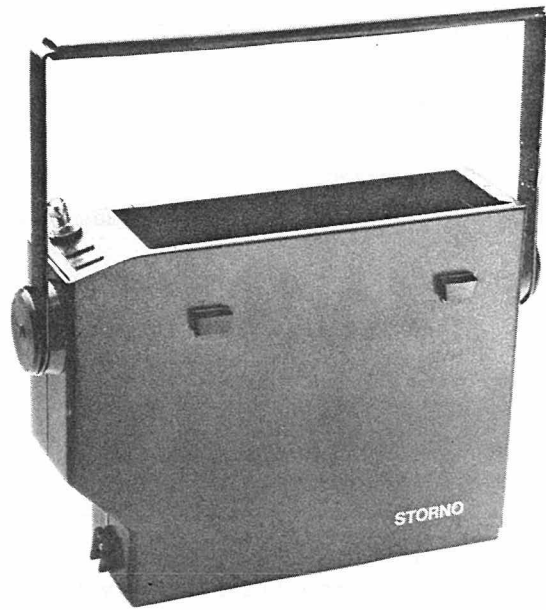
SU6001 K805200G2  
 LS/Mic switch.  
 Delivered with 2.5 m cable with  
 connector to the junction box.



CARRIER CASE WITH ACCESSORIES

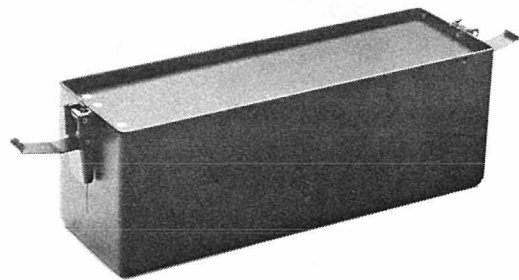
Type No.      Part No. /Description

CK6001      M906091G1  
 Carrier case with handle and plastic top. Incorporated charging circuit 10-32 V.  
 Size: 174x(200/230)x63 mm  
 Weight: 1.5 kg.

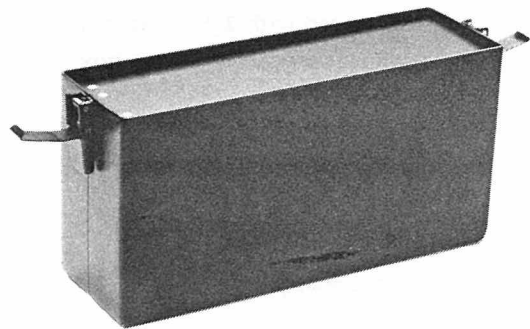


MK6003      K805826G1  
 Bottom cover for CK6001.  
 For use without battery.

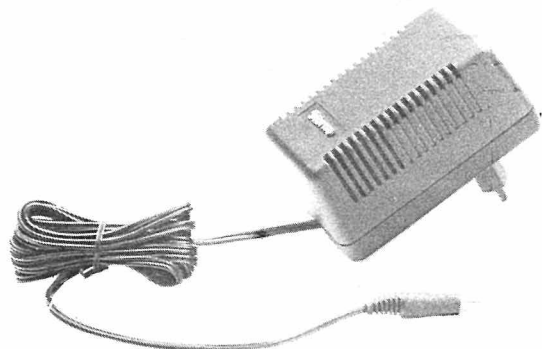
BU6001      L855862G1  
 NiCd battery 12 V/4 Ah  
 Size: 73x200x63 mm  
 Weight: 1.6 kg



BU6002      L855862G2  
 NiCd battery 12 V/7 Ah  
 Size: 103x200x63 mm  
 Weight: 2.3 kg



CU6002      J709284P1  
 Main charger  
 220 V AC/12 V 0.7 A DC

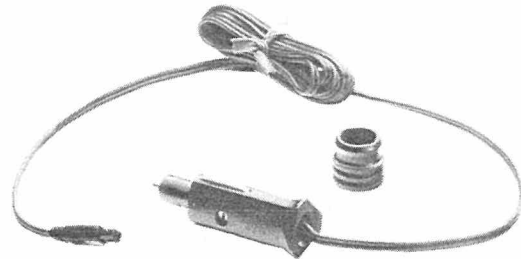


CU6003 J709797P1  
 Charger and power supply;  
 desktop use. For separate charging.  
 Equipment can be operated while  
 charging.

C9PS04 M905344G1  
 Power supply unit capable of  
 driving the radio unit even with  
 unloaded batteries.  
 220 V AC/12 V 7 A DC  
 ° Size: 240x185x85 mm  
 Weight: 4.5 kg

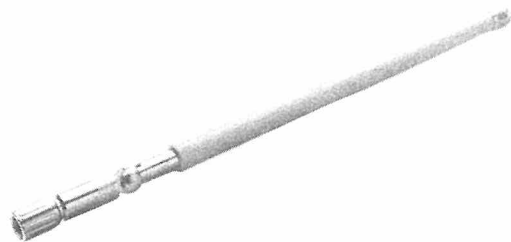


CC6007 K805736G1  
 Charging cable with connection  
 to the cigaretlighter socket.  
 Length: 2.5 m



CC6011 L855939G1  
 Cable for supply from lighter plug  
 for partable carrier case CK6001.  
 Separate cigarette lighter jack  
 included.  
 Equipped with a 2m cable.

AN6661 J709165P1  
 NMT antenna for mounting on  
 the carrier case.  
 Length: 300 mm  
 Weight: 100 gr

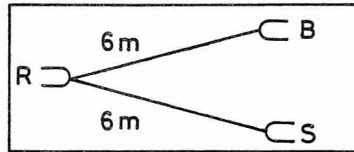


MN6011 L855955P1  
 Fastening device for carrying  
 cassette.

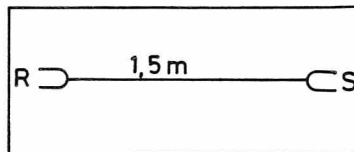
CABLE KIT

Type No. Part No. /Description

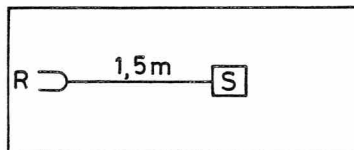
CC6001 L855686G1  
Water-proof cable kit for mounting between the radio (R) - the battery (B) and the junction box (S). Fuseholder enclosed.



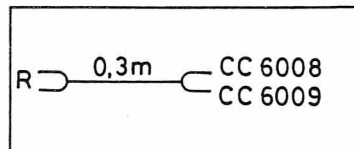
CC6002 L855687G1  
Cable kit for mounting between the radio (R) and the junction box (S).



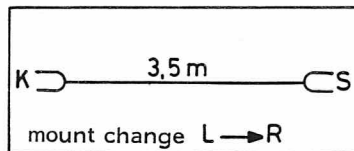
CC6003 L855688G1  
Cable kit included a little junction box with connectors for: BC mute - Loudspeaker - Microphone - LS/Mic Switch - Handset - Battery.



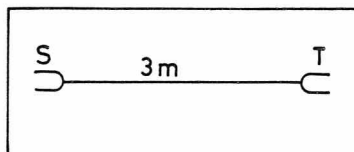
CC6004 L855766G1  
Cable kit for mounting between radio (R) and battery cable (CC).



CC6005 K805596G1  
Cable kit for mounting between control box (K) and junction box (S). Orders only for mounting change at service.

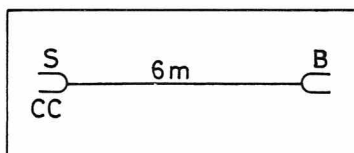


CC6006 K805713G1  
Cable kit for mounting between junction box (S) and ignition switch (T).



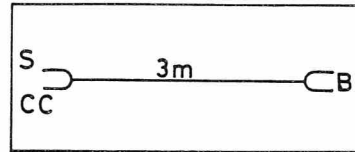
CC6007 K805736G1  
(see carrier case)

CC6008 K805720G1  
Battery cable with fuseholder. Used with CC6002/CC6003/CC6004.

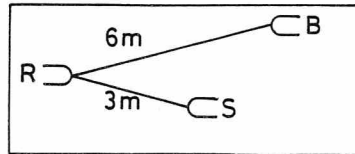




CC6009      K805720G2  
 Battery cable with fuseholder.  
 Used with CC6002/CC6003/CC6004.



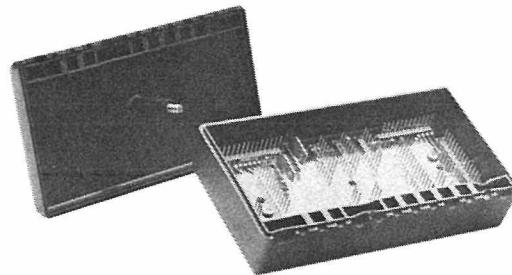
CC6010      L855686G2  
 Water-proof cable kit for mounting  
 between radio (R) - battery (B)  
 and junction box (S).  
 Fuseholder included.



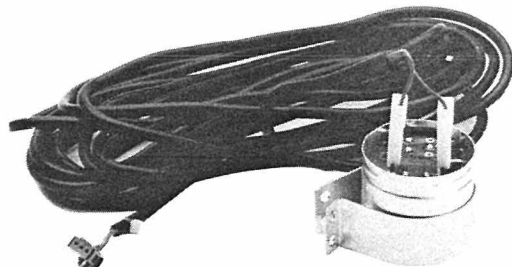
OTHER ACCESSORIES

Type No.      Part No. /Description

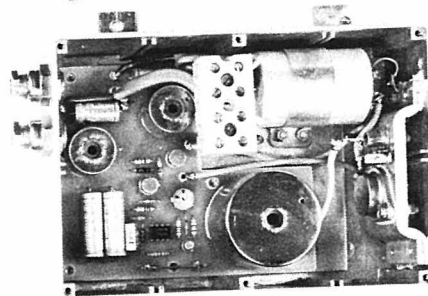
JB6001      L855768G1  
 Junction box with connectors  
 for: radio, 2 control boxes,  
 2 handsets, 2 loudspeakers,  
 microphone, PTT switch, horn  
 alarm, BC mute, ignition lock,  
 system use, battery.  
 Size: 142x80x42 mm



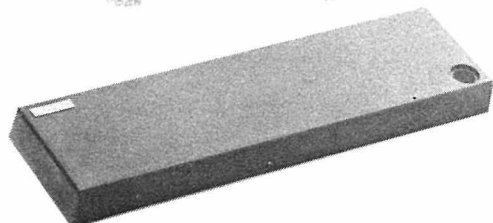
SU6002      K805495G2  
 Relay operation of horn alarm or  
 BC mute.



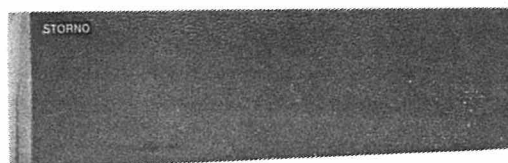
PS702      10.2918-00  
 Transforms 24 V DC to 12 V DC  
 max. load negative to chassis.

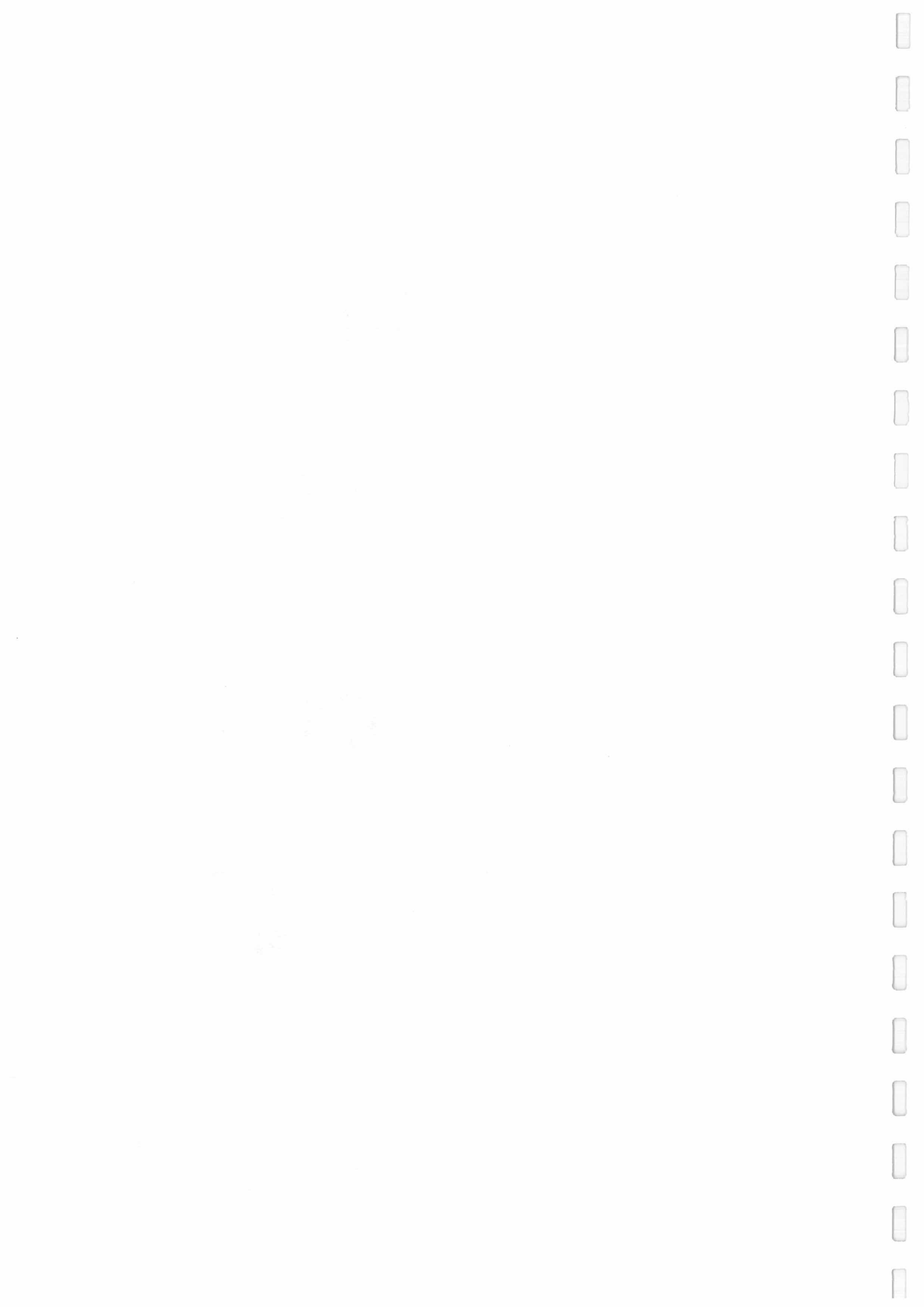


MK6001      J708853G1  
 Frontplate for radio.  
 Orders only for mounting change  
 at service.



Frontplate for Storno handset.  
 Orders only for mounting change  
 at service.





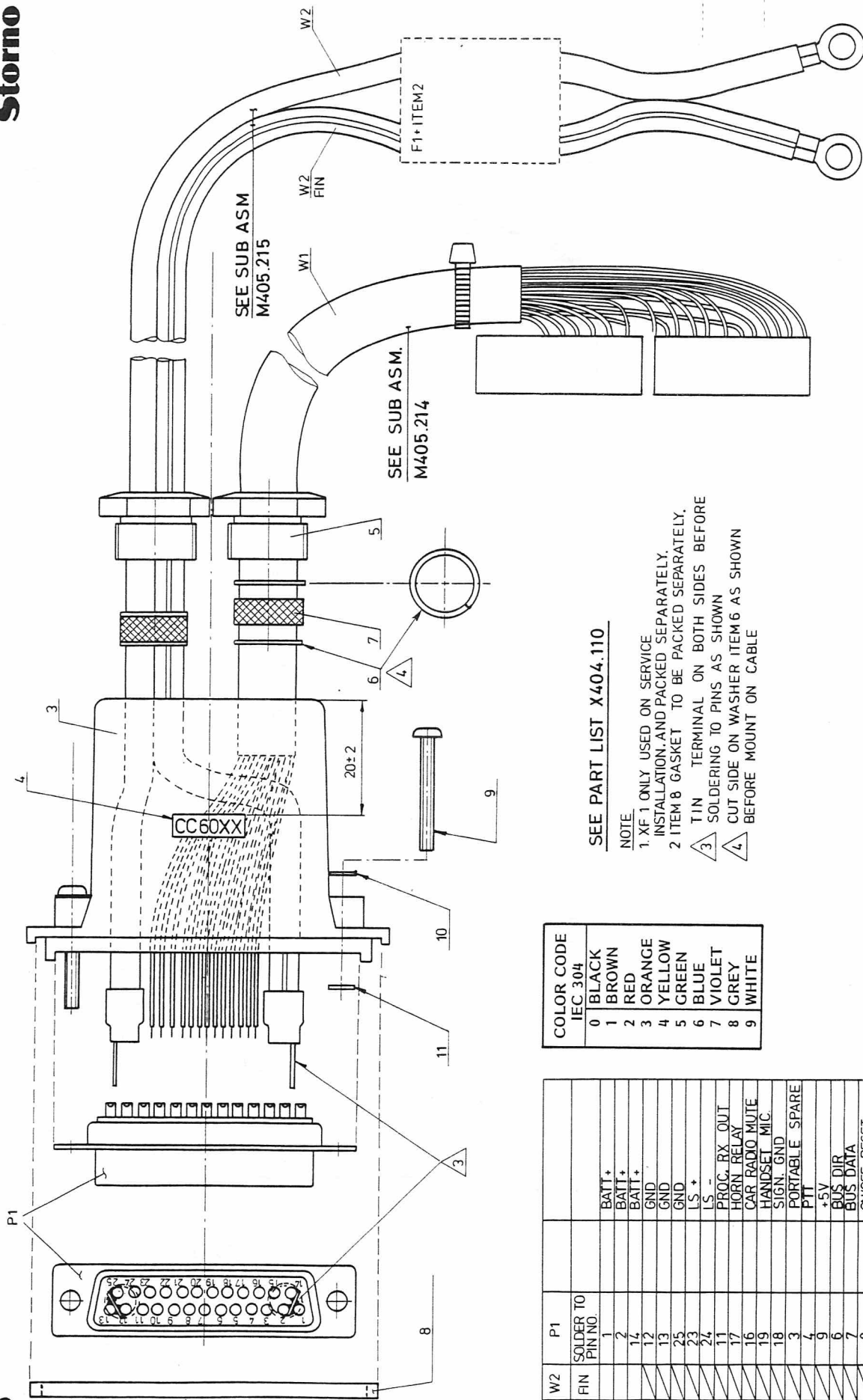
**Storno**

CHAPTER  
CHAPITRE  
KAPITEL

9



CHAPTER  
CHAPITRE  
KAPITEL



**SEE PART LIST X404.110**

**NOTE**

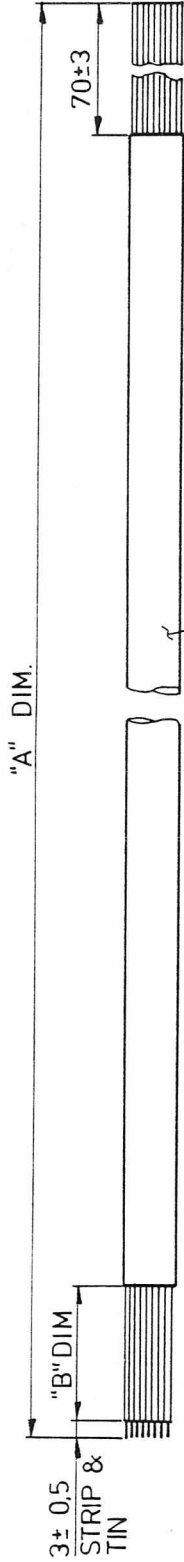
- 1. XF 1 ONLY USED ON SERVICE INSTALLATION. AND PACKED SEPARATELY.
- 2 ITEM 8 GASKET TO BE PACKED SEPARATELY.
- 3 TIN TERMINAL ON BOTH SIDES BEFORE SOLDERING TO PINS AS SHOWN
- 4 CUT SIDE ON WASHER ITEM 6 AS SHOWN BEFORE MOUNT ON CABLE

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

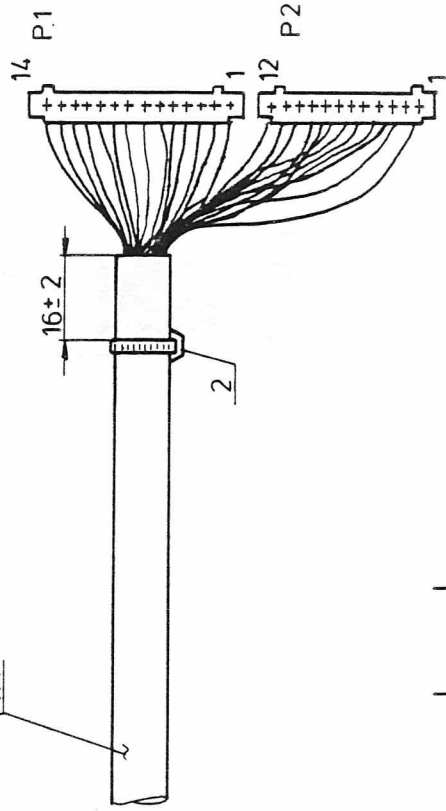
W1	W2	W2	W1	P1	SOLDER TO PIN NO.	
COLOR CODE IEC 304		FIN				
0 CUT						BATT +
1				1		BATT +
2 CUT				2		BATT +
3				14		GND
4 CUT				12		GND
5				13		GND
6				25		LS +
7				23		LS -
8				24		PROC. RX OUT
9				11		HORN RELAY
90				17		CAR RADIO MUTE
91				16		HANDSET MIC
92				19		SIGN. GND
93				18		PORTABLE SPARE
94				3		PTT
95				4		+5V
96				9		BUS DIR
97				6		BUS DATA
98				7		ON/OFF RESET
10				8		IGNITION
12				15		RX LINE
13				10		TX LINE IN
14				22		BUS REQ
15				5		MIC
16				20		HOOK SWITCH
17				21		
18						CUT WIRE

CABLE KIT CC 6001 AND CC 6010 ASM  
 L855686G1 CC6001 AND  
 L855686G2 CC 6010

M405.213



W1



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

CABLE	G 1 AND G 3		
	W1	P 2	P 1
COLOR CODE IEC 304	TERMINATE TO POS.	TERMINATE TO POS.	TERMINATE TO POS.
0			CUT WIRE
1			13 CUT WIRE
2			CUT WIRE
3			3 CUT WIRE
4			CUT WIRE
5		2	
6		4	
7		3	
8			4
9		10	
90		11	
91		8	
92		9	
93			12
94			11
95			6
96			9
97			8
98			7
IGNITION SWITCH		12	
RX LINE			5
TX LINE IN		5	
SER. REQ.			10
MIC.HI. TONE/EMERG		7	
HOOK SWITCH		6	
NO CONNECTION		CUT WIRE	
NO CONNECTION		CUT WIRE	

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

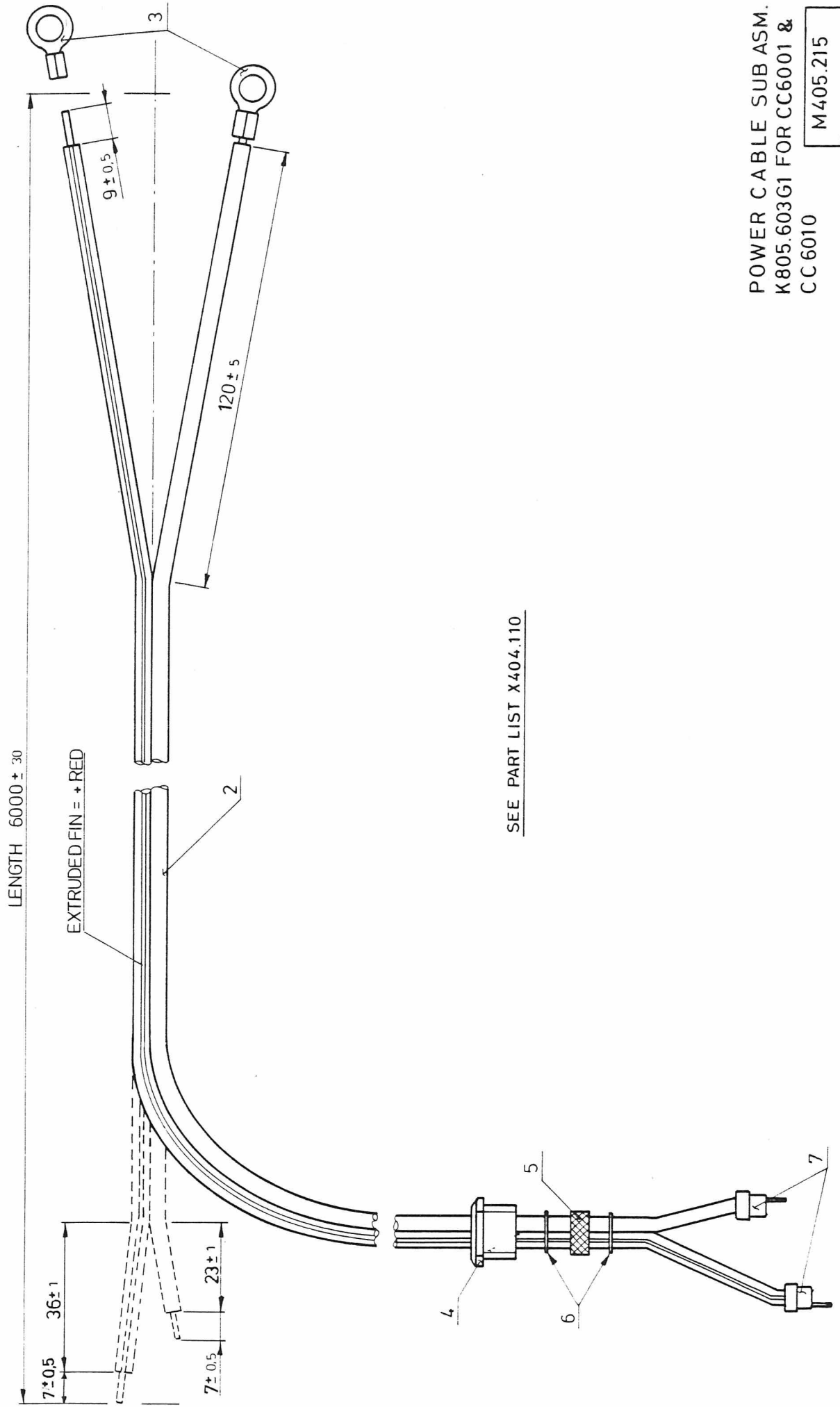
SEE PART LIST X404.110

CONTROL CABLE SUB ASM  
 K805639 G1 FOR CC6001  
 K8 05639 G3 FOR CC 6010

M405.214

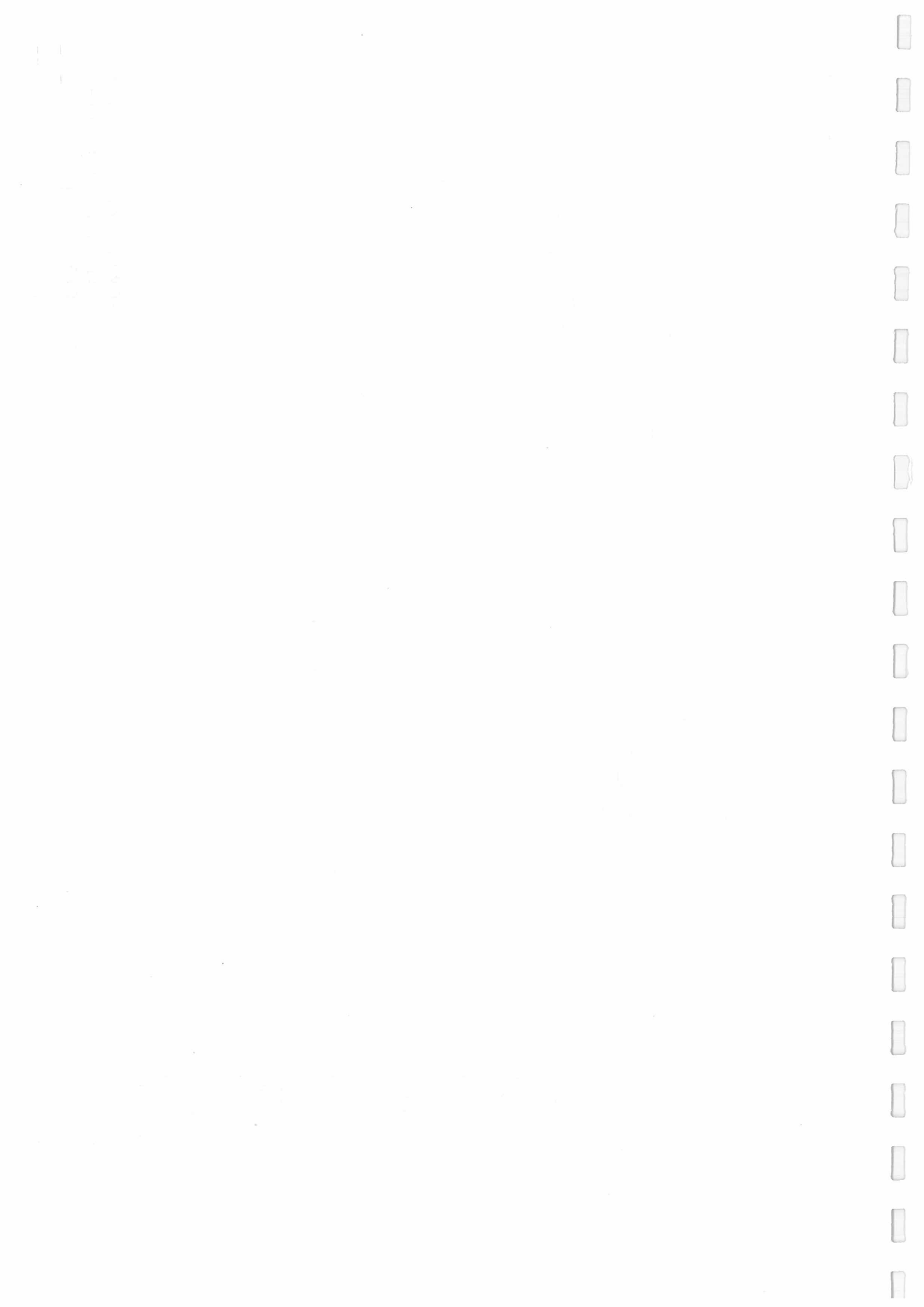
**Storno**

**Storno**



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 BELOW)
OR: 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

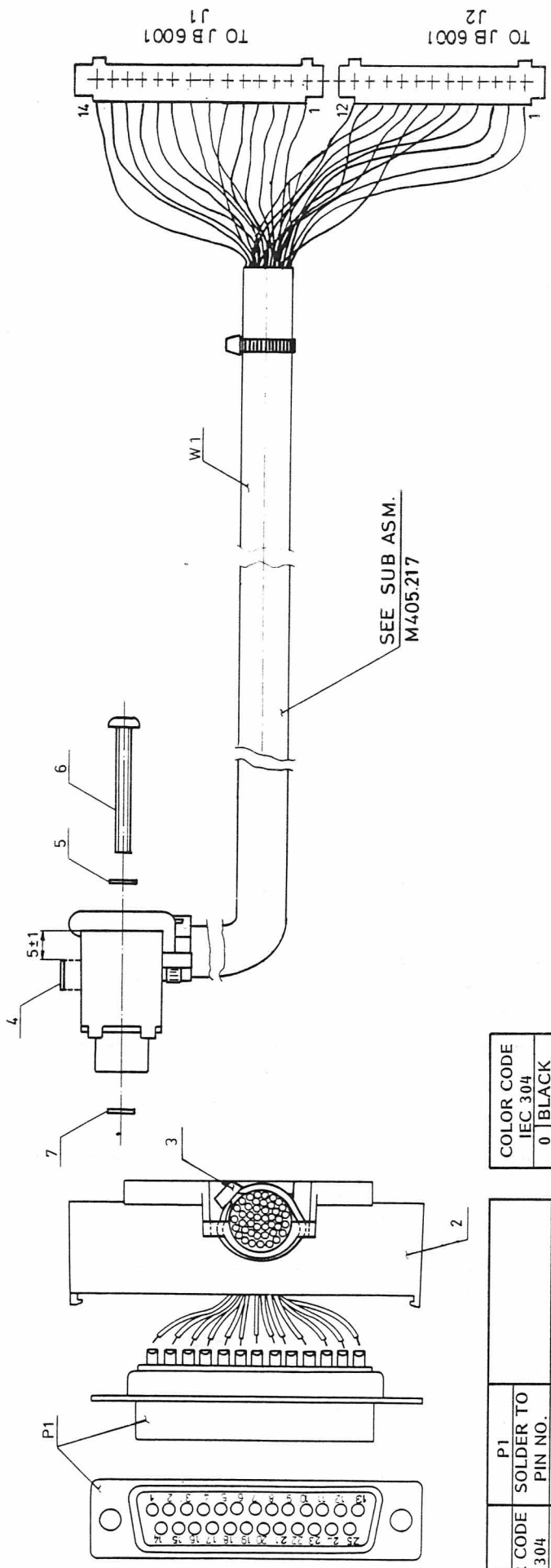
W001 : K805639G3 : CABLE ASM.,CTRL - F. CC 6010 :

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

**Storno**

**Storno**



SEE SUB ASM.  
M405.217

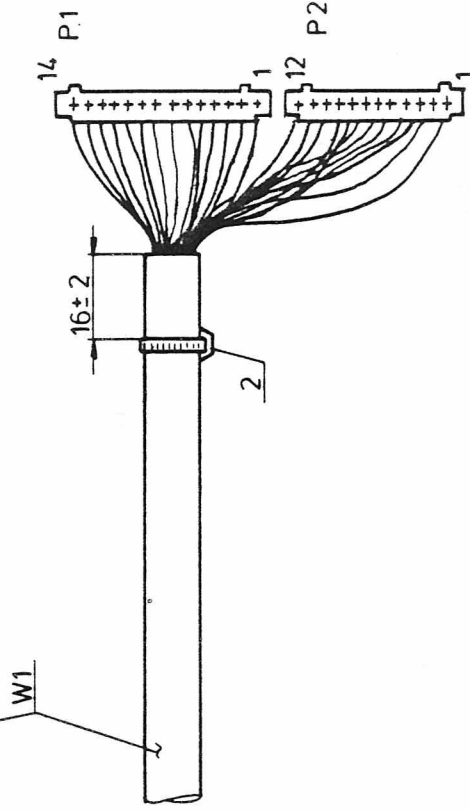
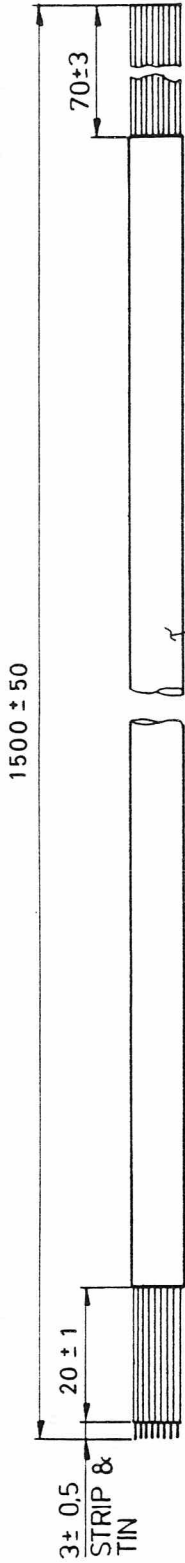
SEE PART LIST X404.111

- NOTE:
1. SOLDER ALL ELECTRICAL CONNECTIONS
  2. SNAP P1 INTO ITEM 2, THEN MOUNT THE STRAP ITEM 3 AS SHOWN.
  3. ITEM 5, 6 AND 7 NOT USED WITH ASM. WITH MN6002, MN6006, MN6008 AND MN6009.

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

W1 COLOR CODE IEC 304	P1 SOLDER TO PIN NO.	FUNCTION
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	3	PORTABLE/SPARE
94	4	PTT
95	9	+5V
96	6	BUS DIR
97	7	BUS DATA
98	8	ON/OFF-RESET
10	15	IGNITION
12	10	RX LINE
13	22	TX LINE IN
14	5	BUS REQ.
15	20	MIC.
16	21	HOOK SWITCH
17) CUT		
18) WIRE		

CABLE KIT CC6002 ASM  
L855767G1  
M405.216



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

CABLE	CONNECTORS	
	P 2	P 1
W1	TERMINATE TO POS.	TERMINATE TO POS.
COLOR CODE IEC 304		
0	14	14
1		13
2		1
3		3
4		2
5	2	
6	4	
7	3	
8		4
9	10	
90	11	
91	8	
92	9	
93		12
94		11
95		6
96		9
97		8
98		7
10	12	
12		5
13	5	
14		10
15	7	
16	6	
17	CUT WIRE	
18	CUT WIRE	

SEE PART LIST X404.111

CONTROL CABEL SUB ASM.  
K805639G2 FOR CC6002

M405.217

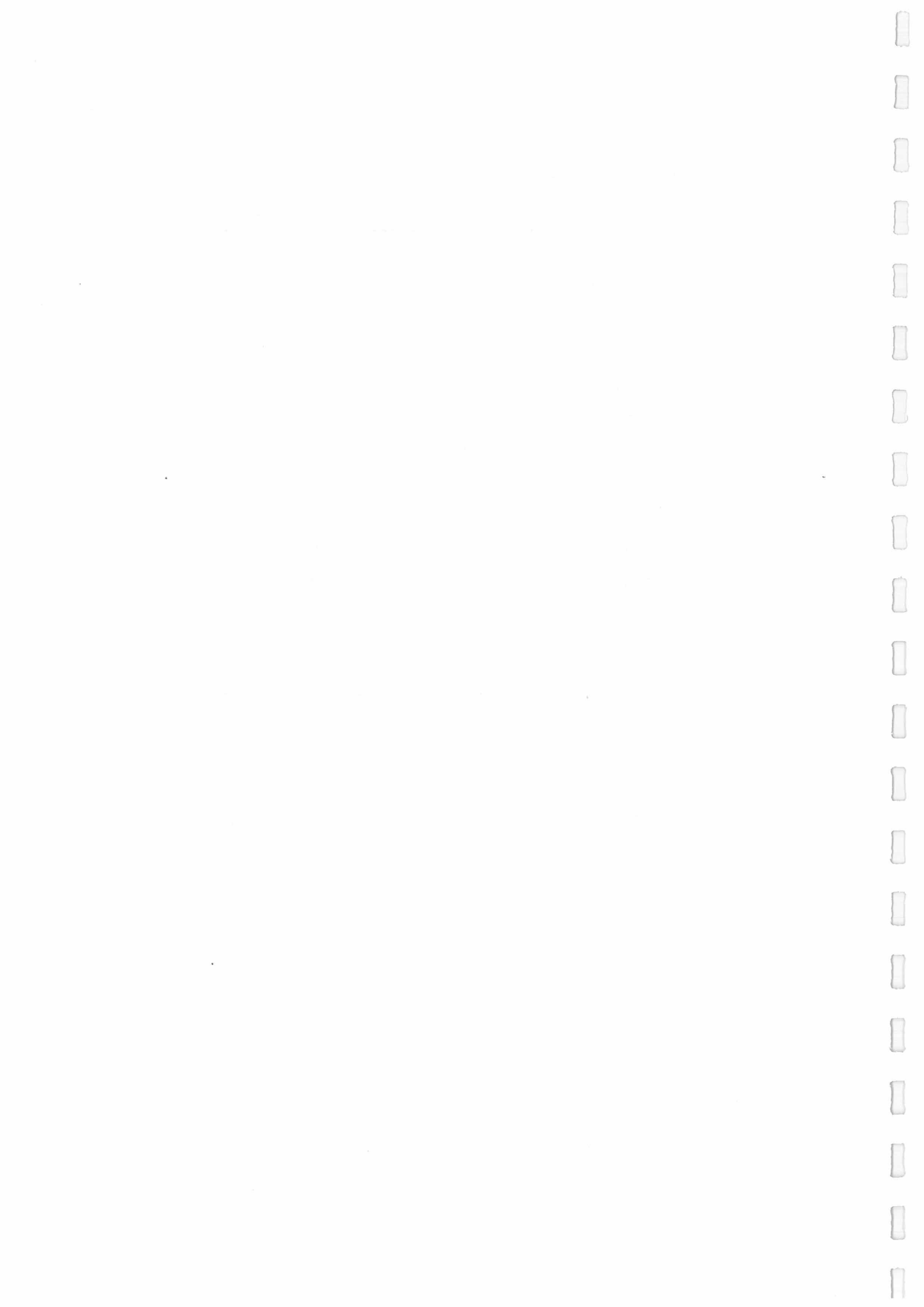
ITEM NUMBER	DESCRIPTION
L855767G1	CC 6002 CABLE KIT
=====	
K805639G2	SUB ASM.:- W001 - CABLE ASM
-----	

## P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
P001	J708471P13	CONN MULTI RECP 25-WAY	1
W001	K805639G2	CABLE ASM	1 (SEE BELOW)
0002	K805563P1	COVER DUST	1
0003	J706152P5	STRAP RET W BDL D19 NYL	1
0004	J706307P34	NAME PLATE CC6002	1
0005	A701312P3	WASH FLAT D-2.5X6.50 MM	2
0006	A702361P325	SCREW PAN HD M-2.5X25.0 MM	2
0007	J706424P4	WASH NYL 2.2X6.3X1.0 MM	2
-----			

W001 : K805639G2 : CABLE ASM. :

P001	J708069P214	CONNECTOR FEM	1
P002	J708069P212	CONNECTOR FEM	1
W001	J708149P227	CABLE, MULTI 27 COND	1,5 M
0002	J706152P5	STRAP RET W BDL D19 NYL	1

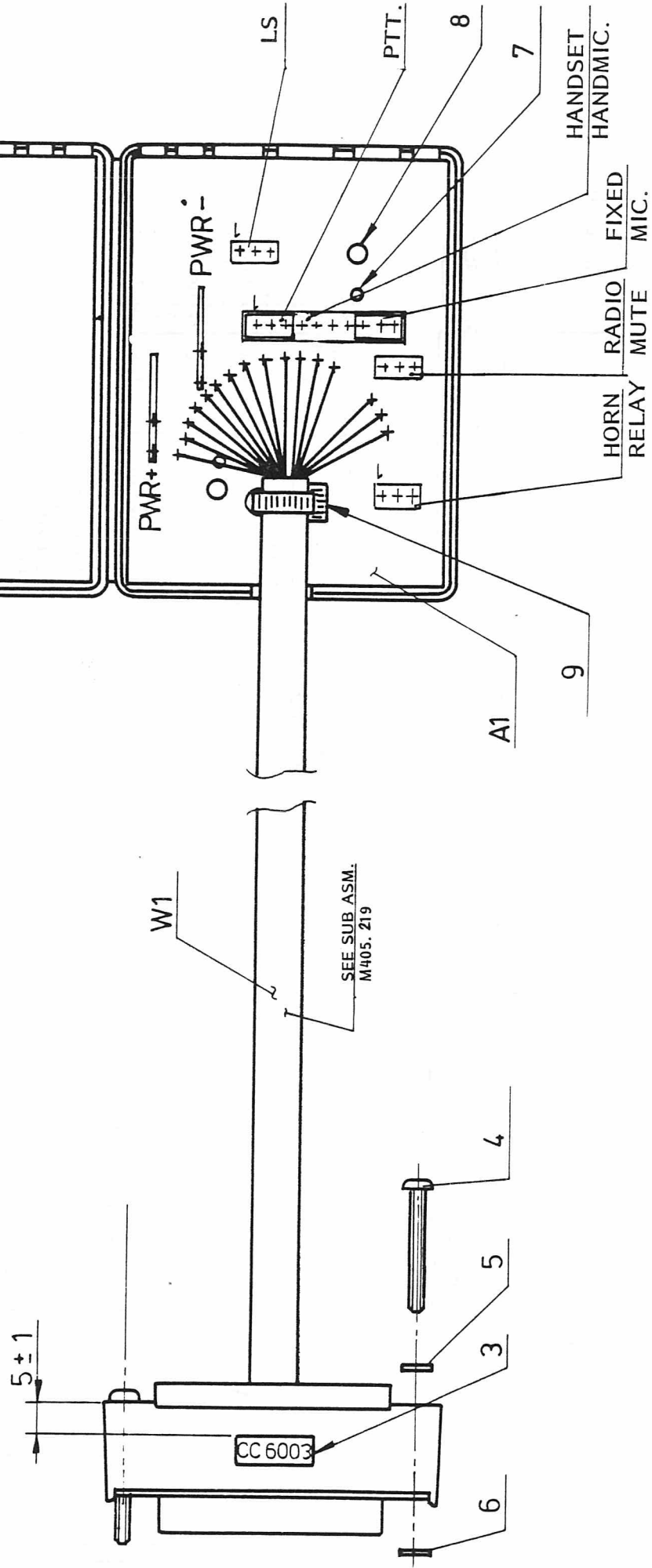


**Storno**

**Storno**

NOTES

- 1 SOLDER WIRE THROUGH BOARD HOLES
- 2 MOUNT STRAP THROUGH BOARD HOLES AS SHOWN
- 3 ITEM 4, 5 AND 6 NOT USED WITH ASM.
- WITH MN6002, MN6006, MN6008 AND MN6009.
- 4 PACK ITEM 8 SEPARATELY.



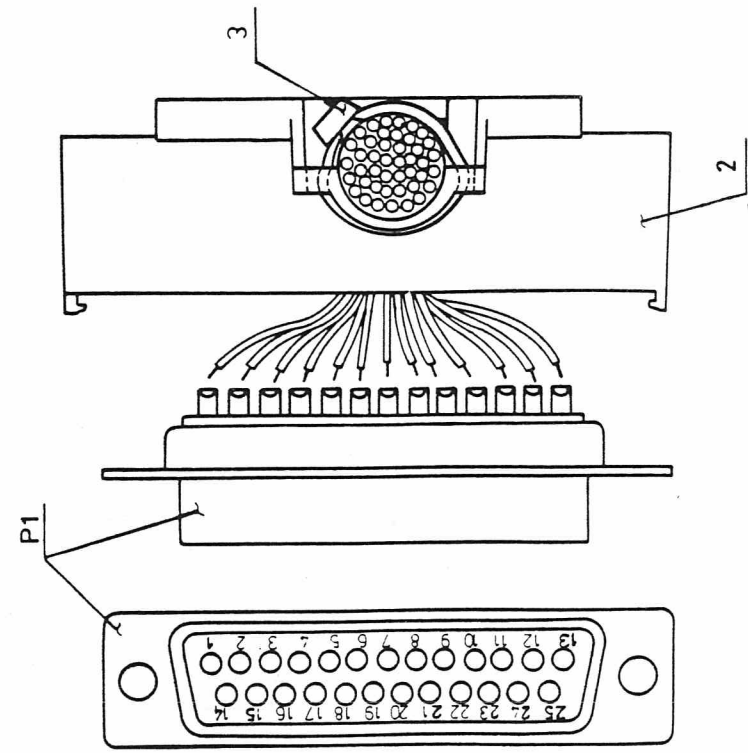
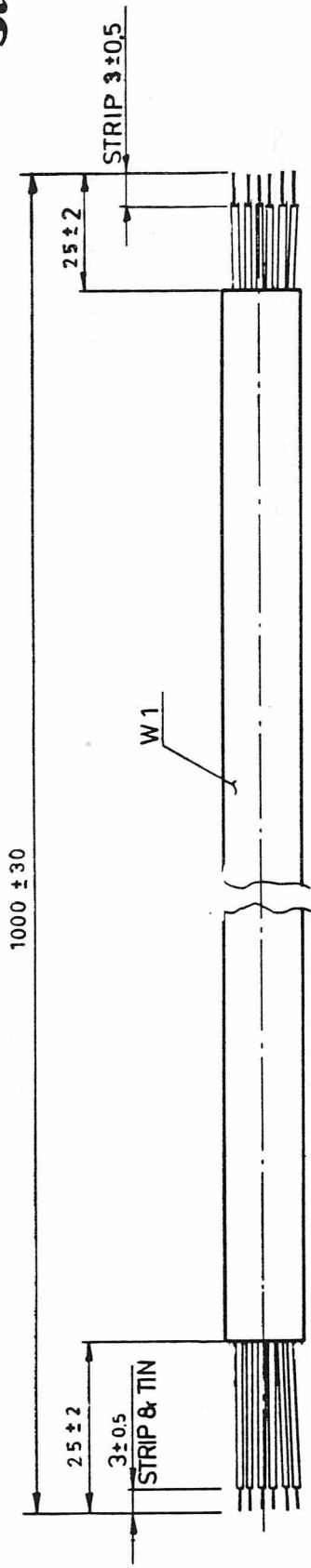
SEE PART LIST X404. 112

CABEL ASM. WITH SMALL JUNCTION BOX  
CC6003 L855688G1

M405. 218

**Storno**

**Storno**



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	PTT
94	4	HOOK SWITCH
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

SEE PART LIST X404.112

NOTE:  
 1. SOLDER ALL ELECTRICAL CONNECTIONS  
 2. SNAP P1 INTO ITEM 2, THEN MOUNT THE STRAP  
 ITEM 3 AS SHOWN.

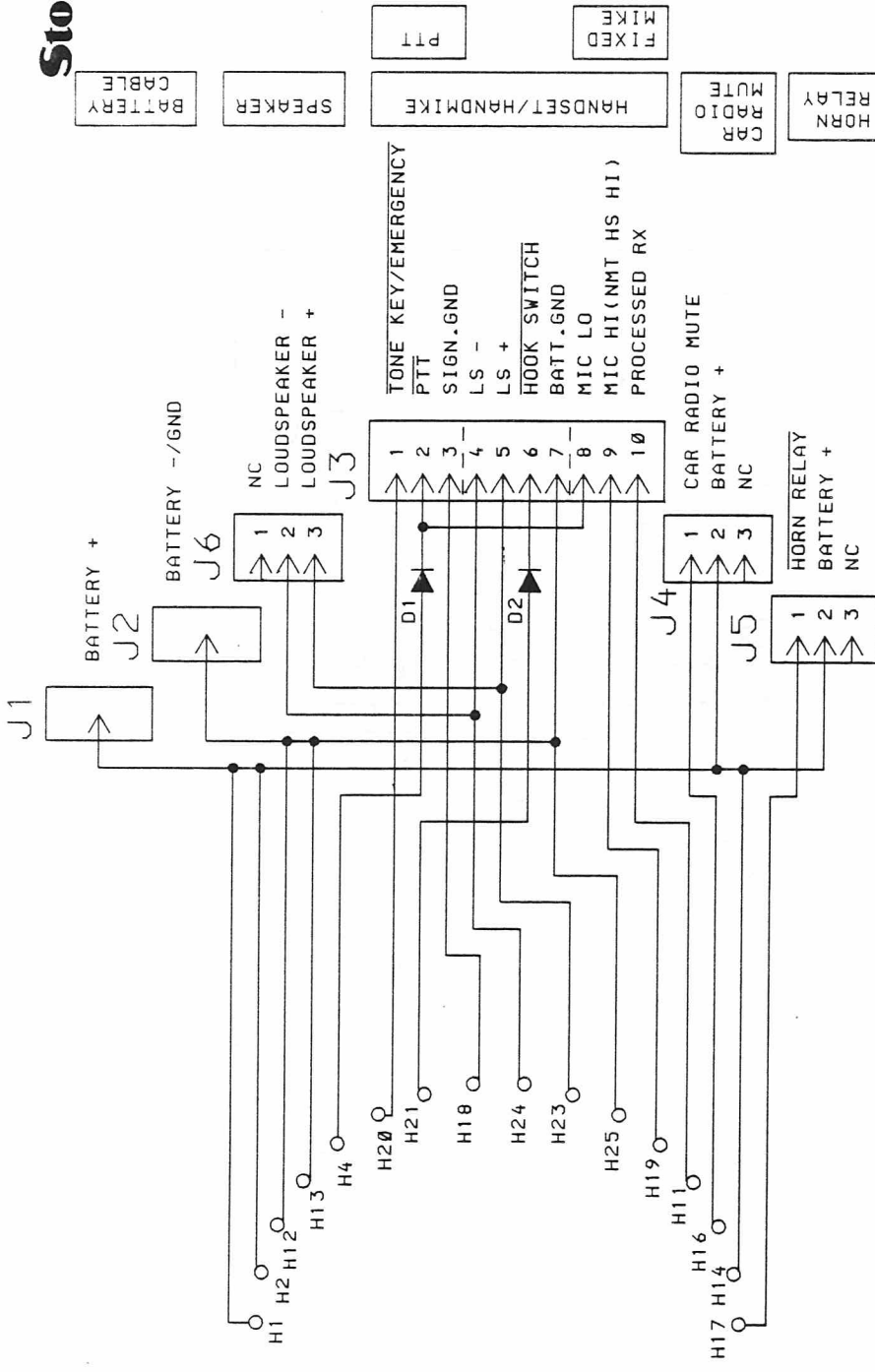
SUB ASM. FOR CC6003  
 L855752G1

M505.219

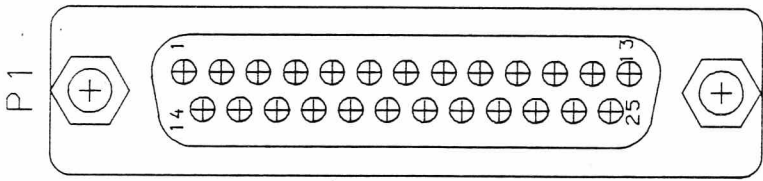


**Storno**

**Storno**



- P1+
- 1-H1 } BATTERY +
  - 2-H2 }
  - 12-H12 }
  - 13-H13 }
  - 4-H4 } BATTERY -/GND
  - 5-H5 } PTT
  - 20-H20 } TONE KEY/EMERGENCY
  - 21-H21 } HOOK SWITCH
  - 18-H18 } SIGN. GND
  - 24-H24 } LOUDSPEAKER -
  - 23-H23 } LOUDSPEAKER +
  - 25-H25 } BATTERY -/GND
  - 19-H19 } MIC HI (NMT HS HI)
  - 11-H11 } PROCESSED RX
  - 16-H16 } CAR RADIO MUTE
  - 14-H14 } BATTERY +
  - 17-H17 } HORN RELAY



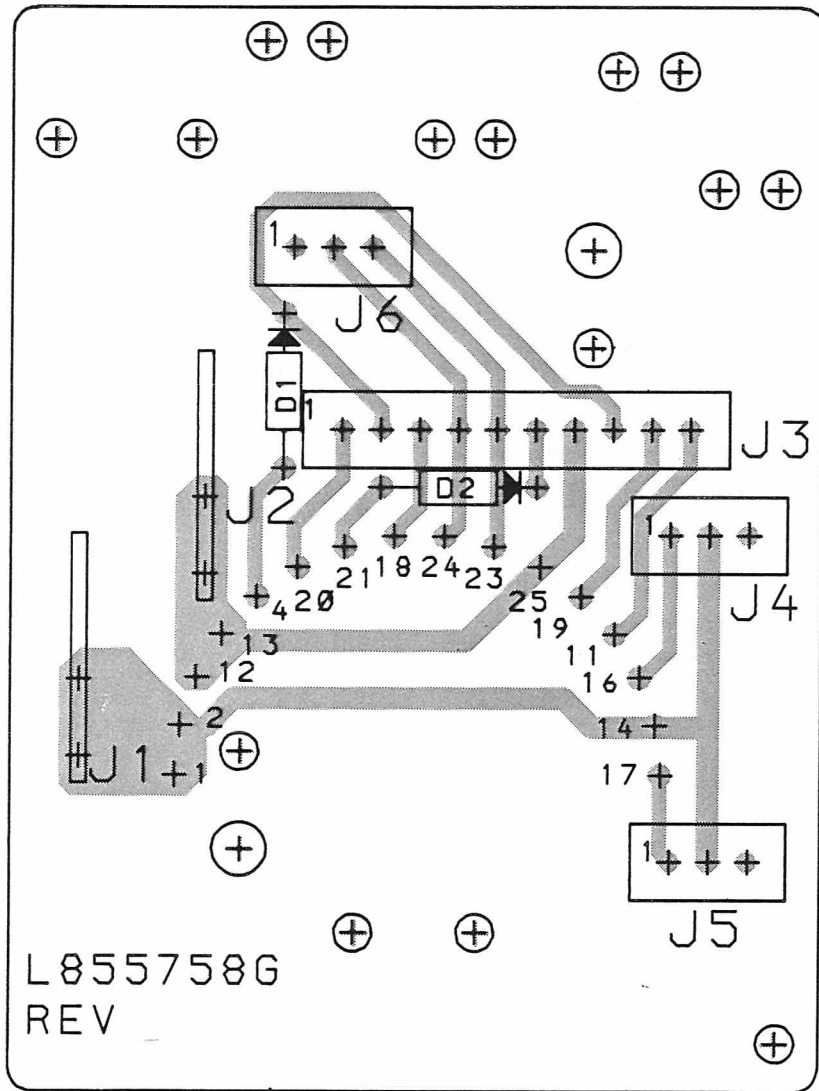
COLOR CODE	
IEC 304	
0	BLACK
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GREY
9	WHITE

W1	P1
COLOR CODE	SOLDER TO
IEC 304	PIN NO.
0	1
1	2
2	14
3	12
4	13
5	25
6	23
7	24
8	11
9	17
90	16
91	19
92	18
93	20
94	4
95	21

CC6003  
CABLE KIT BETWEEN  
RADIO AND ACCESSORIES

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

D404.152



MODULE  
MOUNTED BOARD  
CABLE ASM.

CODE NO. L855688G1  
CODE NO. L855758G1  
CODE NO. L855752G1

CC6003  
CABLE KIT BETWEEN RADIO AND ACCESSORIES  
COMPONENT LAYOUT

D404.153

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 :

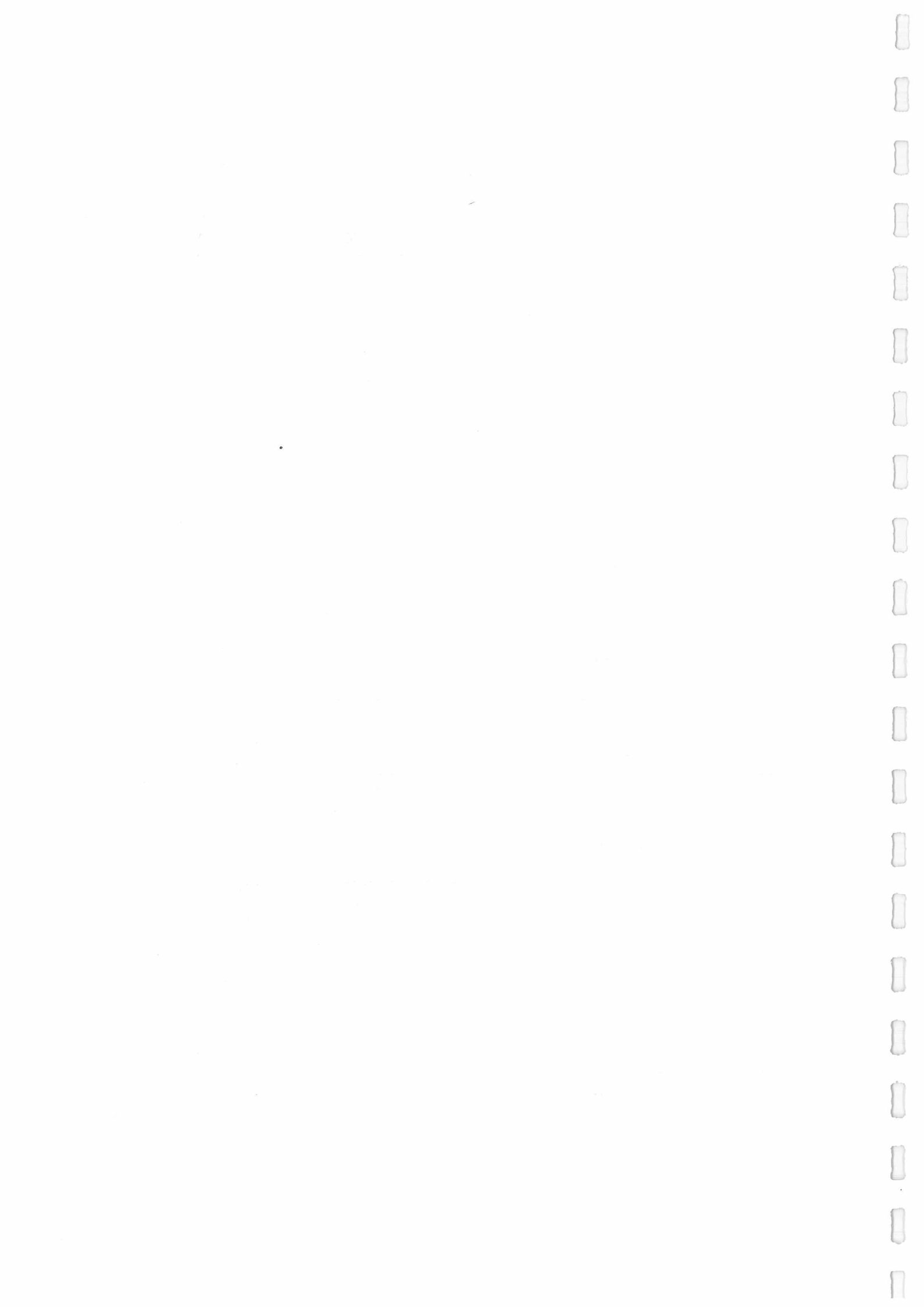
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D001	A700028P1	DIO SI SIG 1N4148	1
D002	A700028P1	DIO SI SIG 1N4148	1
J001	J708100P2	TERM TAB SPADE	1
J002	J708100P2	TERM TAB SPADE	1
J003	J708925P1	CONN PT PIN L-9,7 MM	10
J004	J708925P1	CONN PT PIN L-9,7 MM	3
J005	J708925P1	CONN PT PIN L-9,7 MM	3
J006	J708925P1	CONN PT PIN L-9,7 MM	3
0002	L855759P1R0	BOARD PW., REVISION NO.: 0	1

W001 : L855752G1 : CABLE ASM. :

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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





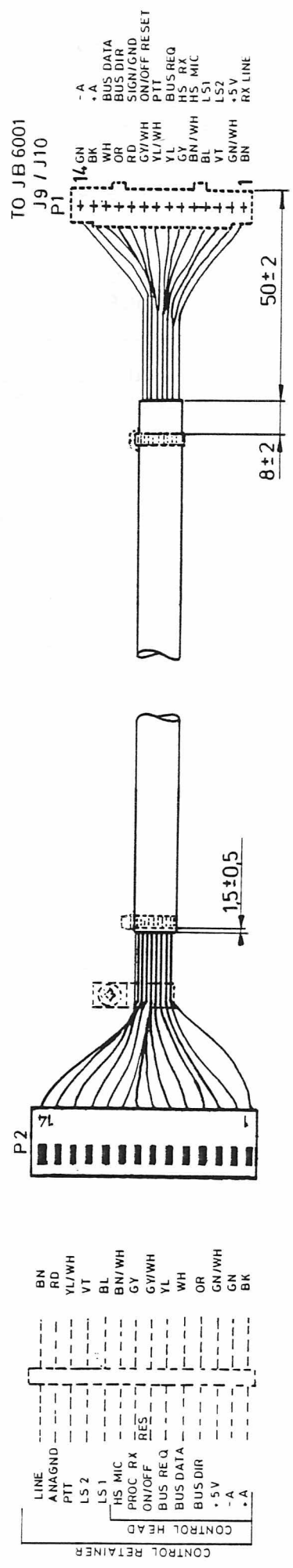
ITEM NUMBER	DESCRIPTION
L855766G1	CC 6004 CABLE KIT

=====

## P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
P001	J708471P13	CONN MULTI RECP 25-WAY	1
W001	J706156P2	CABLE	0,30 M
0002	K805563P1	COVER DUST	1
0003	J706152P5	STRAP RET W BDL D19 NYL	1
0004	J708832P1	TERM SLDLS	2
0005	J706307P36	NAME PLATE CC6004	1
0006	A702361P325	SCREW PAN HD M-2.5X25.0 MM	2
0007	A701312P3	WASH FLAT D-2.5X6.50 MM	2
0008	J706424P4	WASH NYL 2.2X6.3X1.0 MM	2
0010	A700136P6	SLVG INS EL D-6.4X0.64 MM	0,010 M
0011	J707921P3	SLEEVE HT SHRK PYOL RED	0,010 M

CABLE LENGTH 3500±50



P1 TO BE MOUNTED

CABLE KIT ASM, CC6005  
K805596G1 M405.221/2

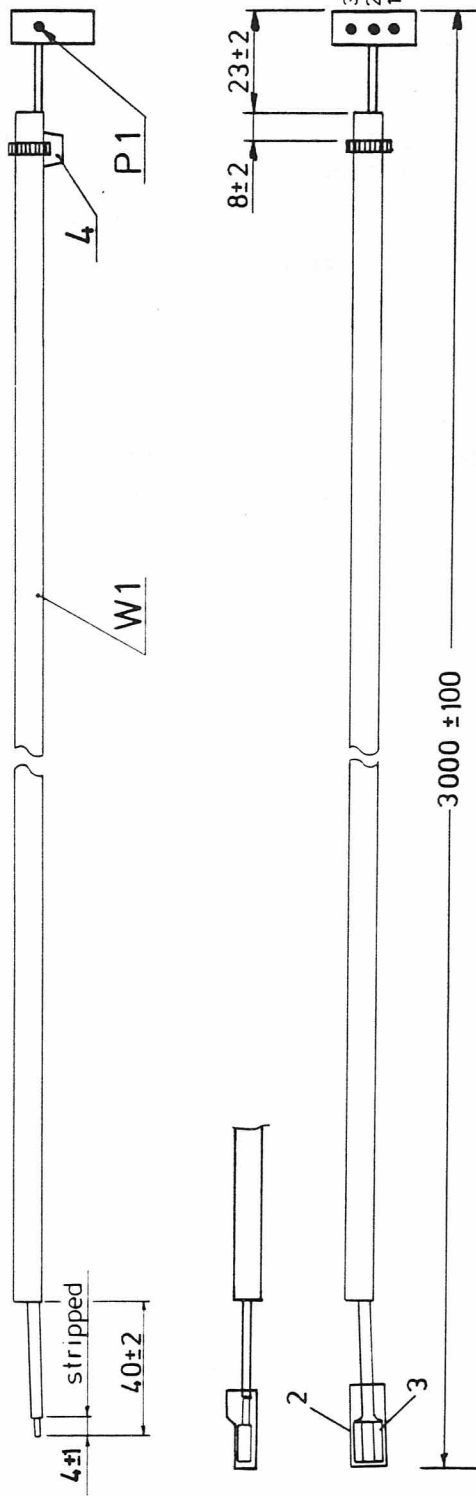
ITEM NUMBER            DESCRIPTION  
 K805596G1            CC 6005 CABLE KIT

=====

P A R T S   L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
P001	J708069P214	CONNECTOR FEM	1
P002	A700041P40	CONN,HSC FEM 14 CKT	1
W001	J706156P5	CA 14 CORED	3,50 M
0002	J707787P1	CONN PWB FEM RECP CLIP	14
0003	J706152P5	STRAP RET W BDL D19 NYL	2
0004	J707335P1	CLAMP LOOP 5 MM	1
0005	A700031P405	SCREW PAN HD M-3.0X5.0 MM	1
0006	J708981P1	CONNECTOR	1





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  
 Pin 3      N. C.

See part list X404.115

CABLE KIT ASM. CC6006  
 K805713G1      M405.222

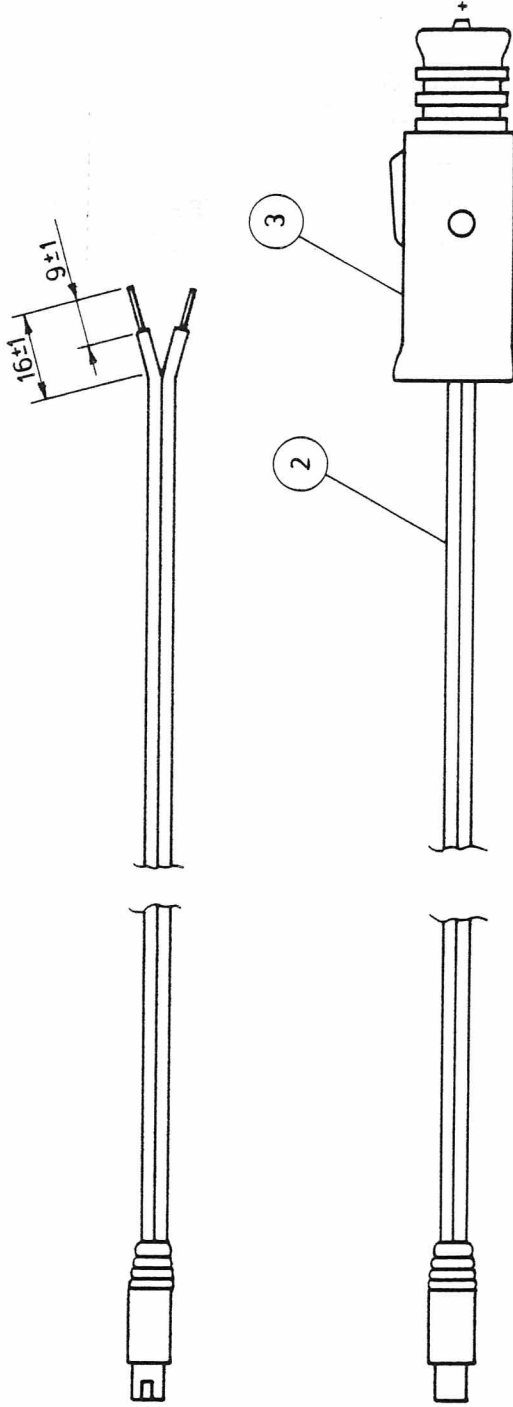
ITEM NUMBER            DESCRIPTION  
 K805713G1            CC 6006 ASM  
 =====

P A R T S   L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
P001	J708069P203	CONNECTOR FEM	1
W001	J706156P1	CABLE	3,0 M
0002	J706657P1	INS BOOT	1
0003	J706684P4	TERM SPADE RECP 6.3MM	1
0004	J706152P5	STRAP RET W BDL D19 NYL	1

**Storno**

**Storno**



NOTE:

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

SEE PART LIST X404. 116

CABLE ASSEMBLY CC6007

K805736G1

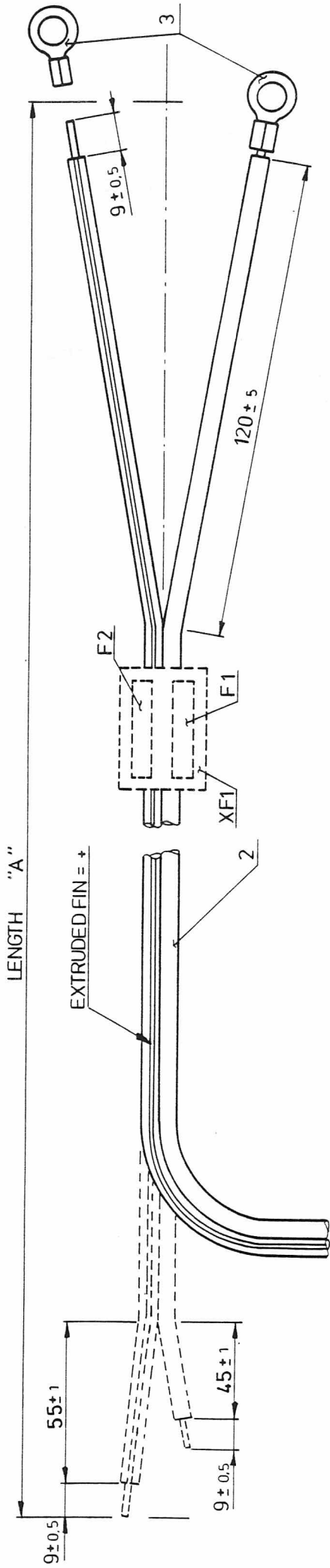
M405. 223

ITEM NUMBER            DESCRIPTION  
 K805736G1            CC 6007  
 =====

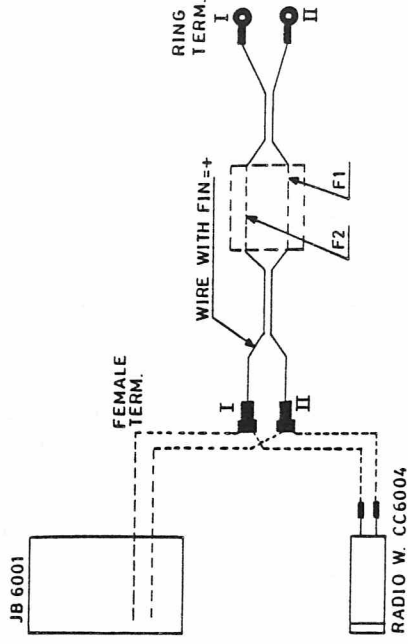
P A R T S   L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
0002	J708830P1	CABLE ASSY POWER 2-WAY	1
0003	J708073P2	CONN BATTERY PLUG	1

**Storno**



**Storno**

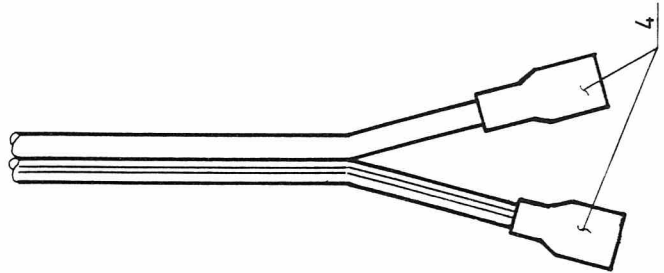


G2	3000 ±30	CC 6009
G1	6000 ±30	CC 6008
G, NO	LENGTH "A"	DESCRIPTION

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

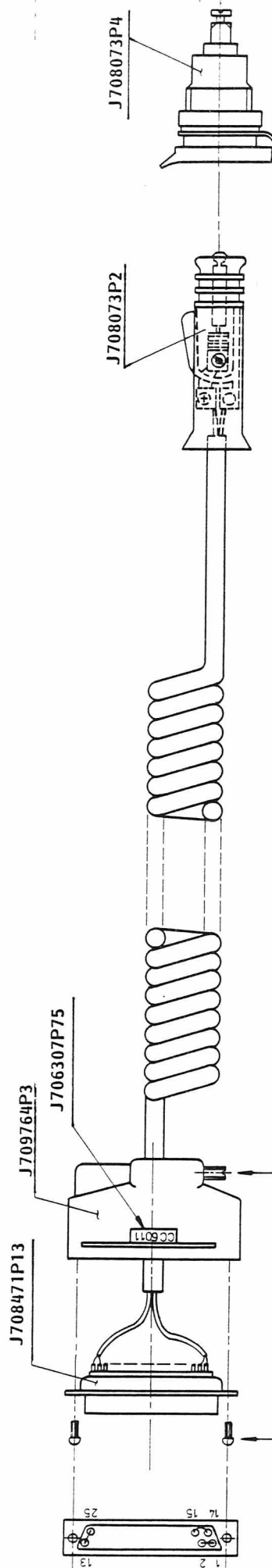
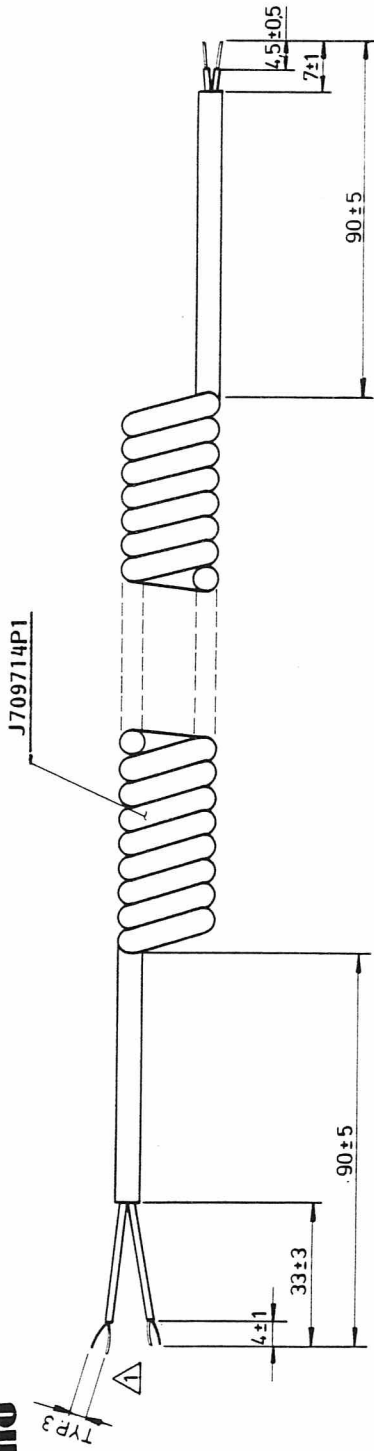
ITEM NUMBER	DESCRIPTION
K805720G1	CC 6008 ASM., LENGTH=6.0M
K805720G2	CC 6009 ASM., LENGTH=3.0M
=====	

P A R T S L I S T :

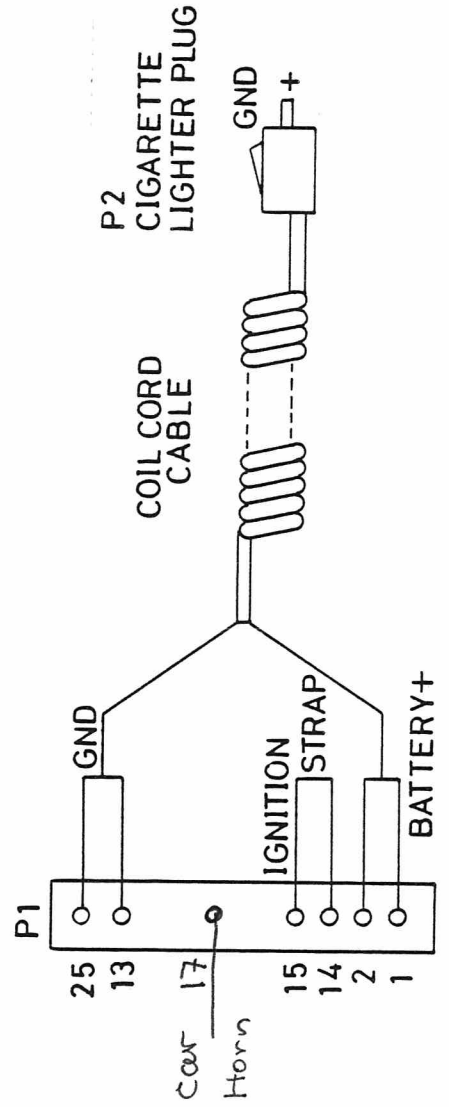
CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
F1	J706161P1	FUSE 8A	1
F2	J706161P1	FUSE 8A	1
XF1	J706224P1	FUSE BOX	1
0002	J706180P1	CABLE POWER 2-COND BLACK	6.0 M
OR:			
0005	J706180P1	CABLE POWER 2-COND BLACK	3.0 M
0003	J706184P7	TERM	2
0004	J708097P7	TERM SPADE RECP 6.3MM	2

**Storno**

**Storno**

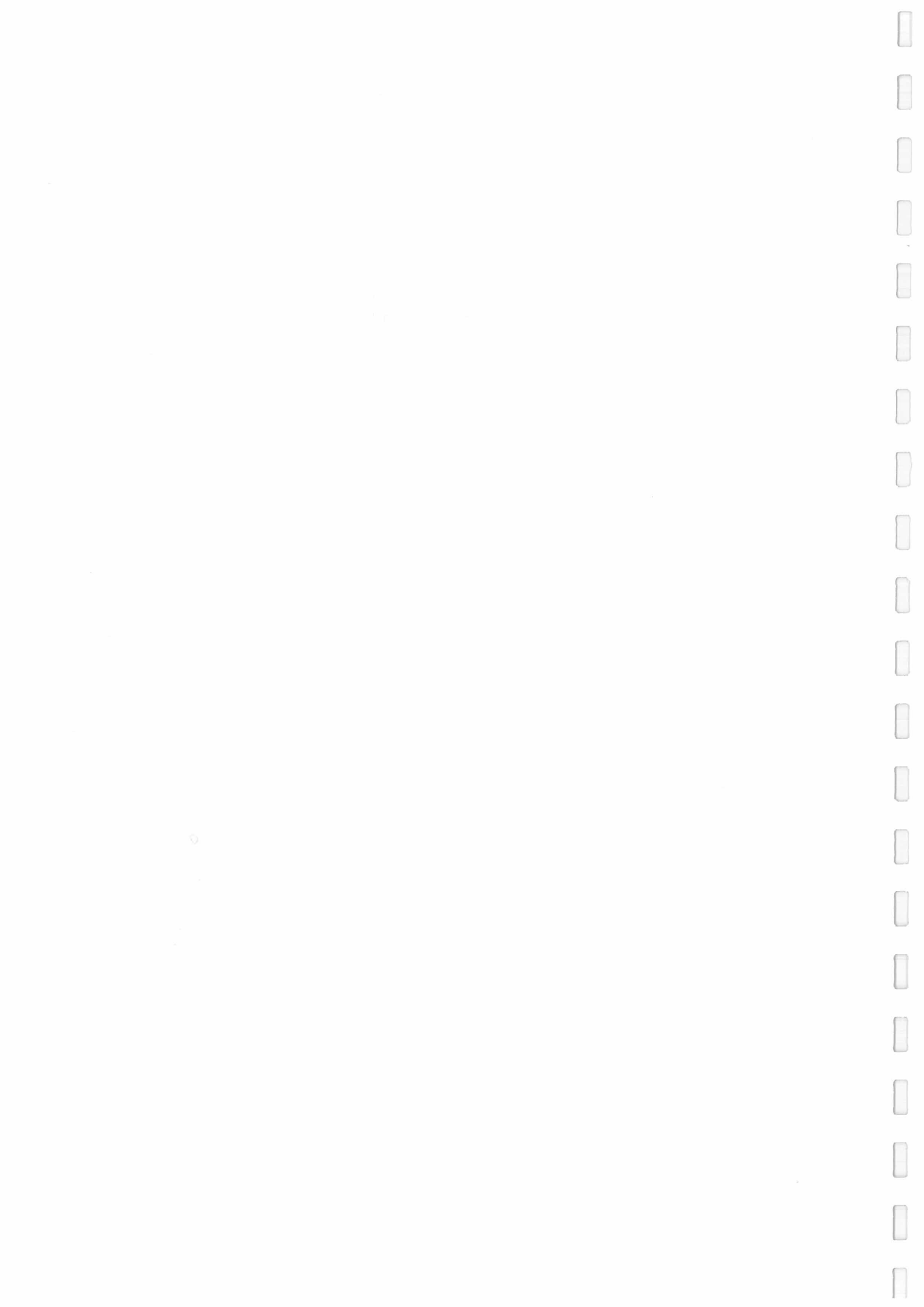


"D" CONN.



CABLE ASSEMBLY CC6011  
CODE NO. . L855939G1

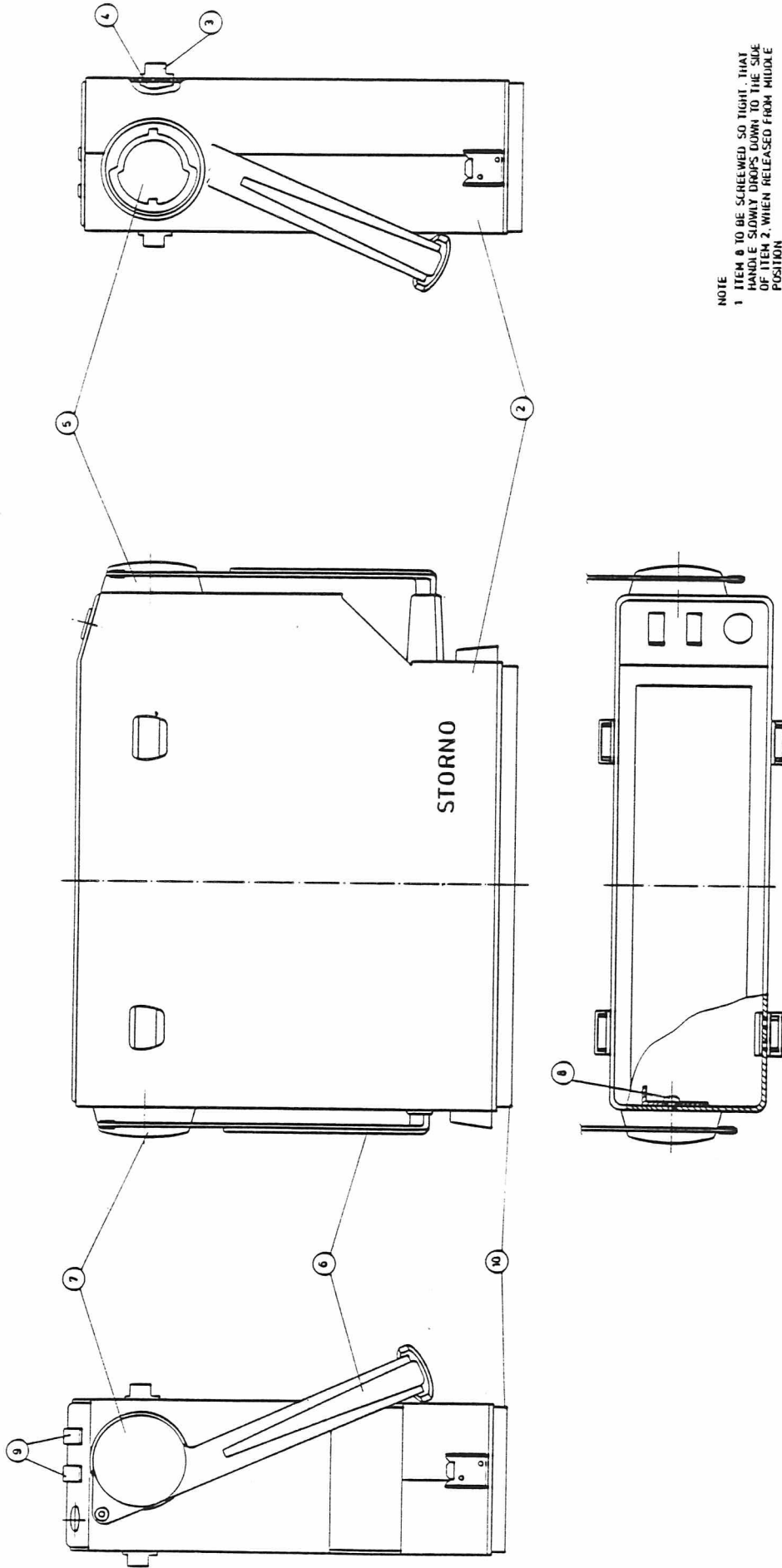
M405.287





**Storno**

**Storno**

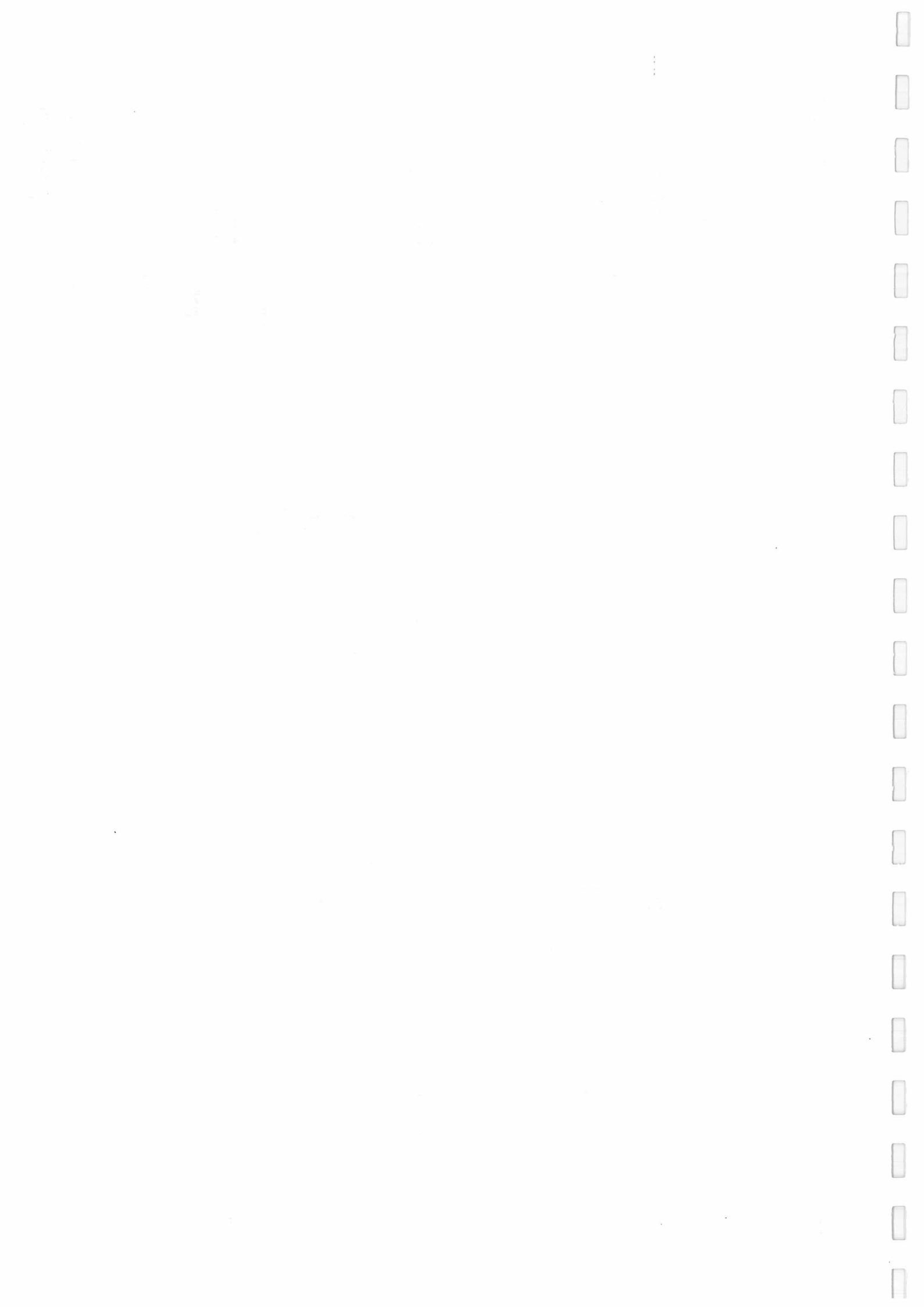


- NOTE
- 1 ITEM 8 TO BE SCREWED SO TIGHT, THAT HANDLE SLOWLY DROPS DOWN TO THE SIDE OF ITEM 2, WHEN RELEASED FROM MIDDLE POSITION
  - 2 ITEM 9 TO BE GLUED WITH 191706919 P1 (CLEAR SILICONE ROBBERT)
  - 3 ITEM 10 TO BE GLUED WITH 191707789 P1 (FOSS - ETH 150)

SEE PART LIST X404.099

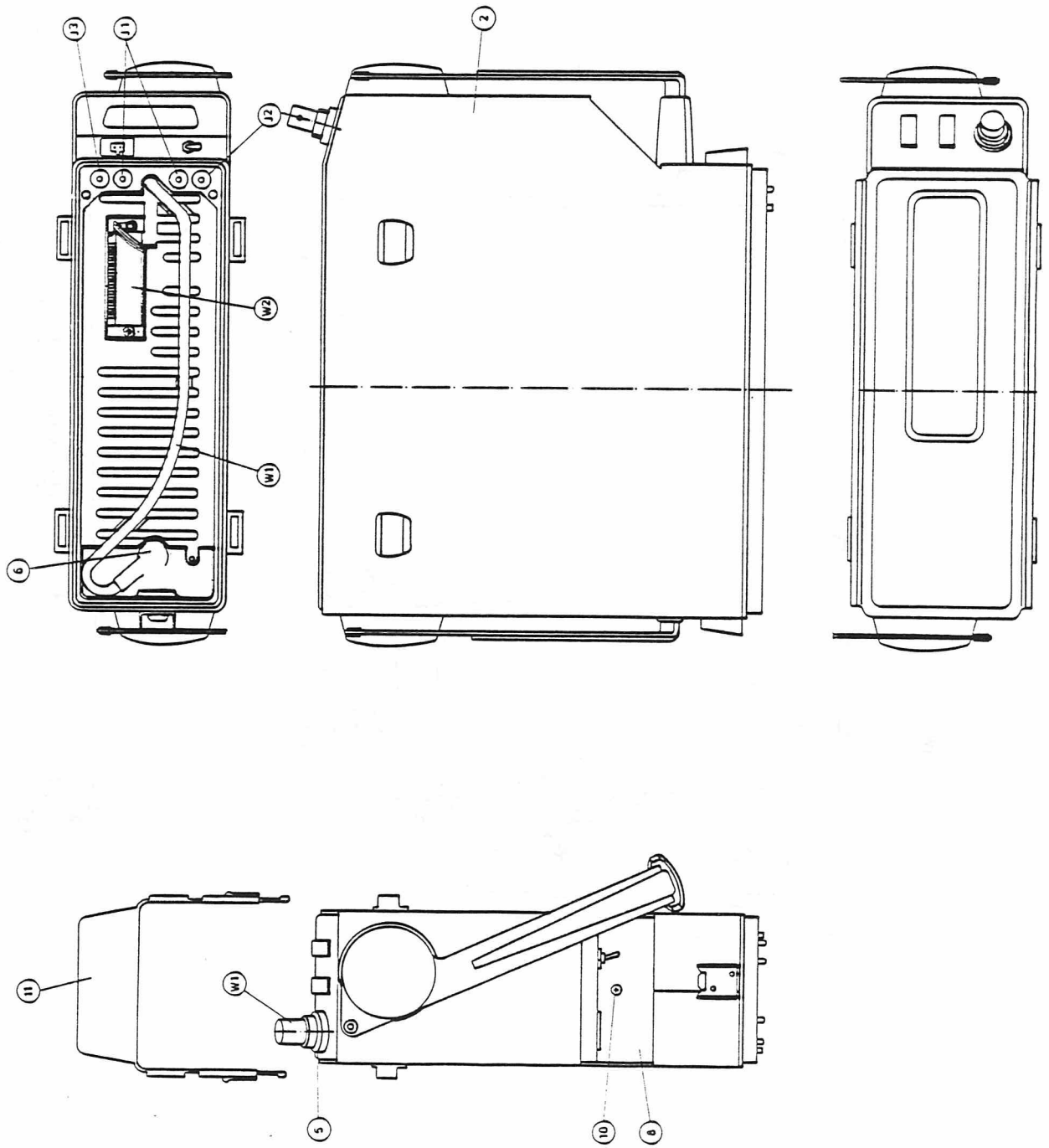
CABINET WITH HANDLE  
M906150G1

M405.235



**Storno**

**Storno**

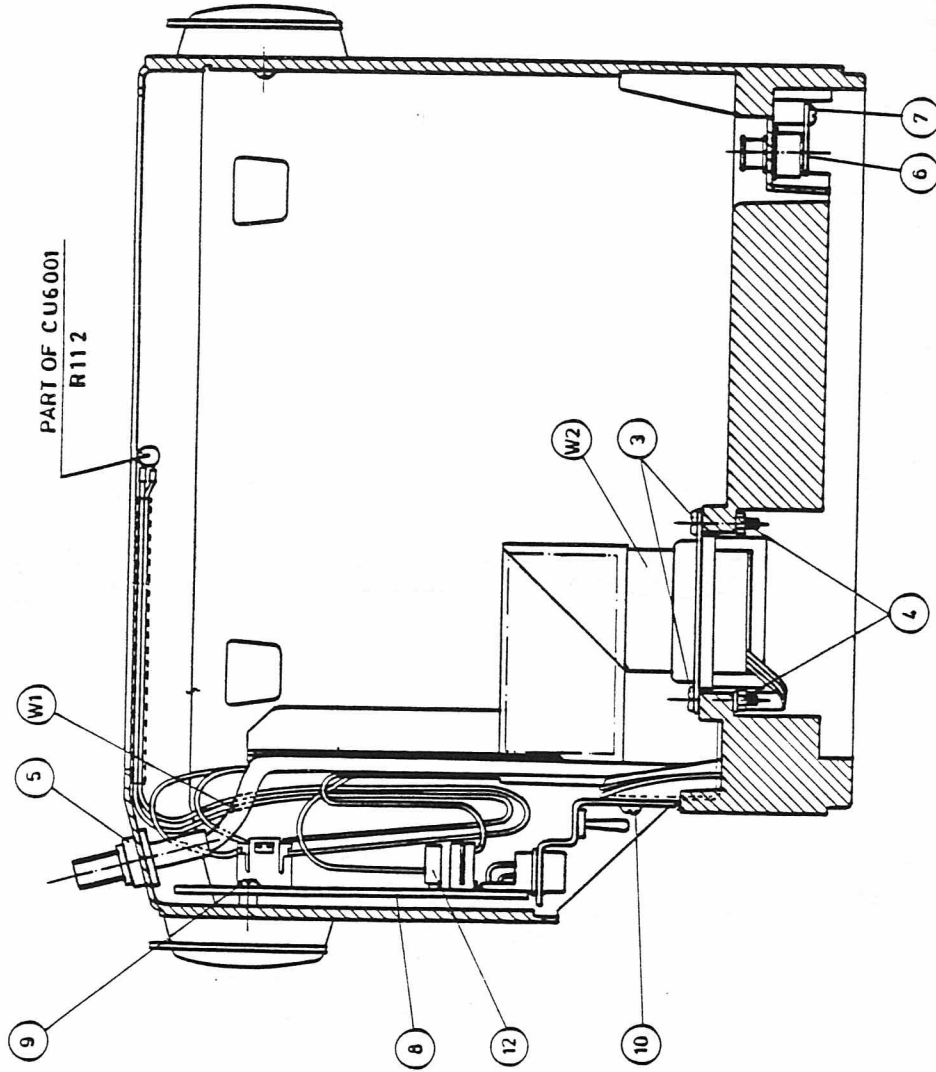


SEE PART LIST X404.099

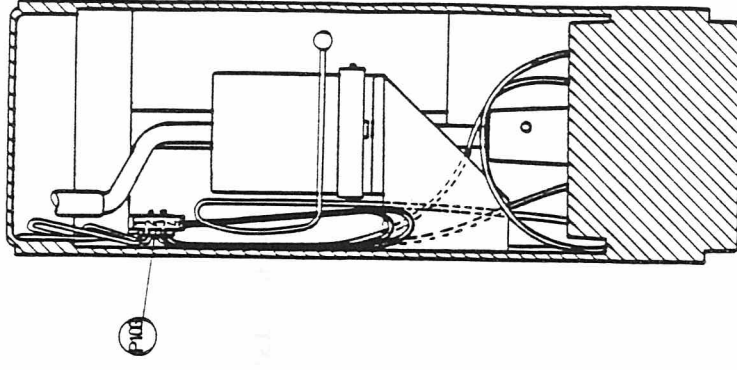
CABINET CK6001 ASM.  
M906091G1

M405.236

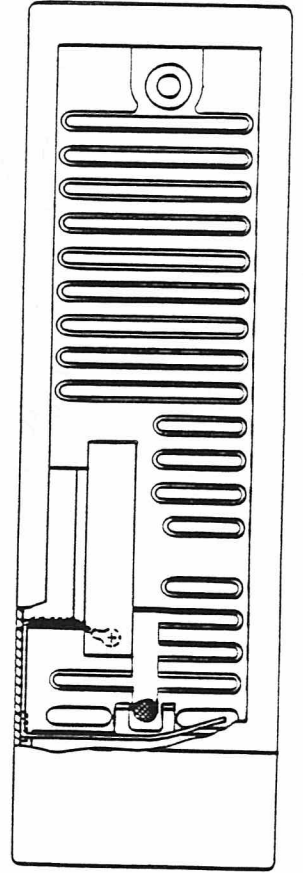
**Storno**



**Storno**



SEE PART LIST X404.099



DETAIL A

CABINET CK6001 ASSEMBLY  
M906091G1

M405.237

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	

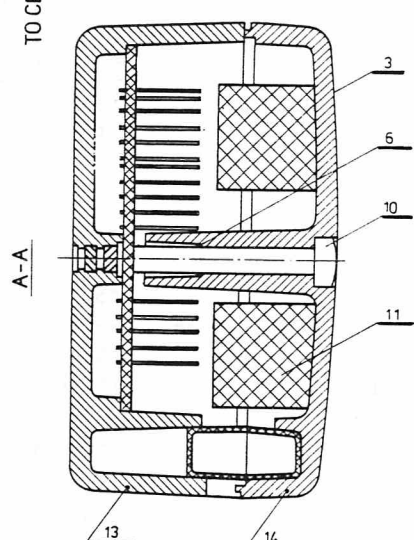
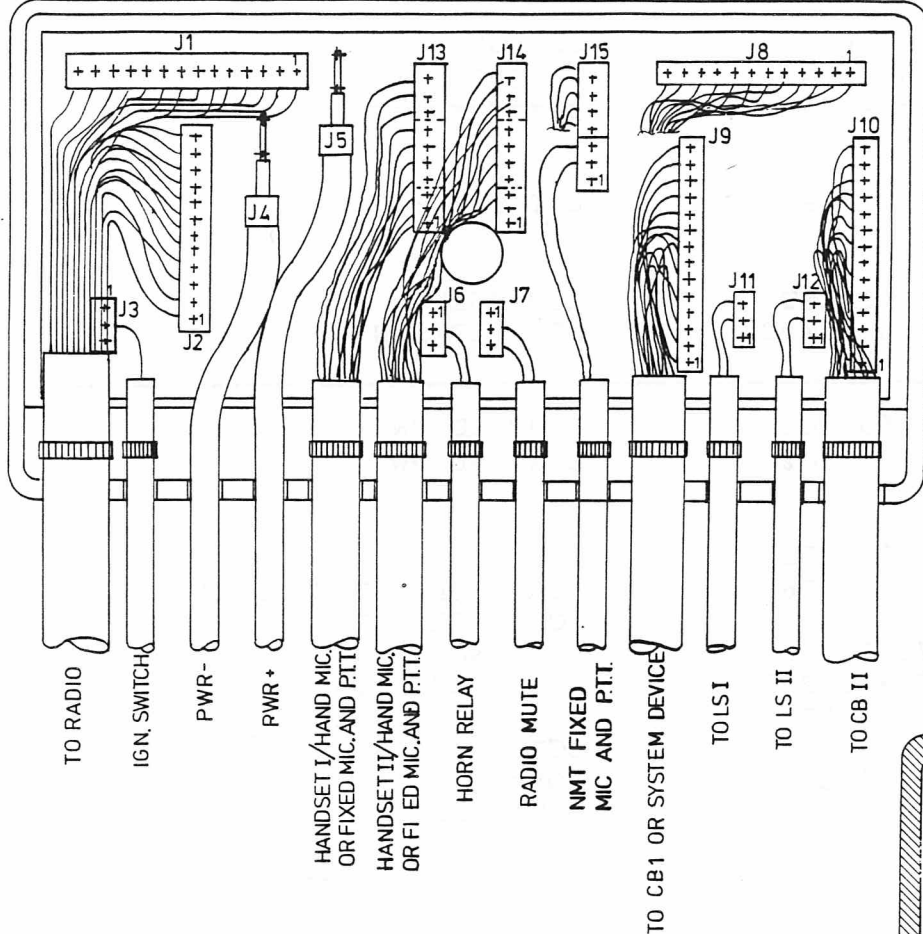
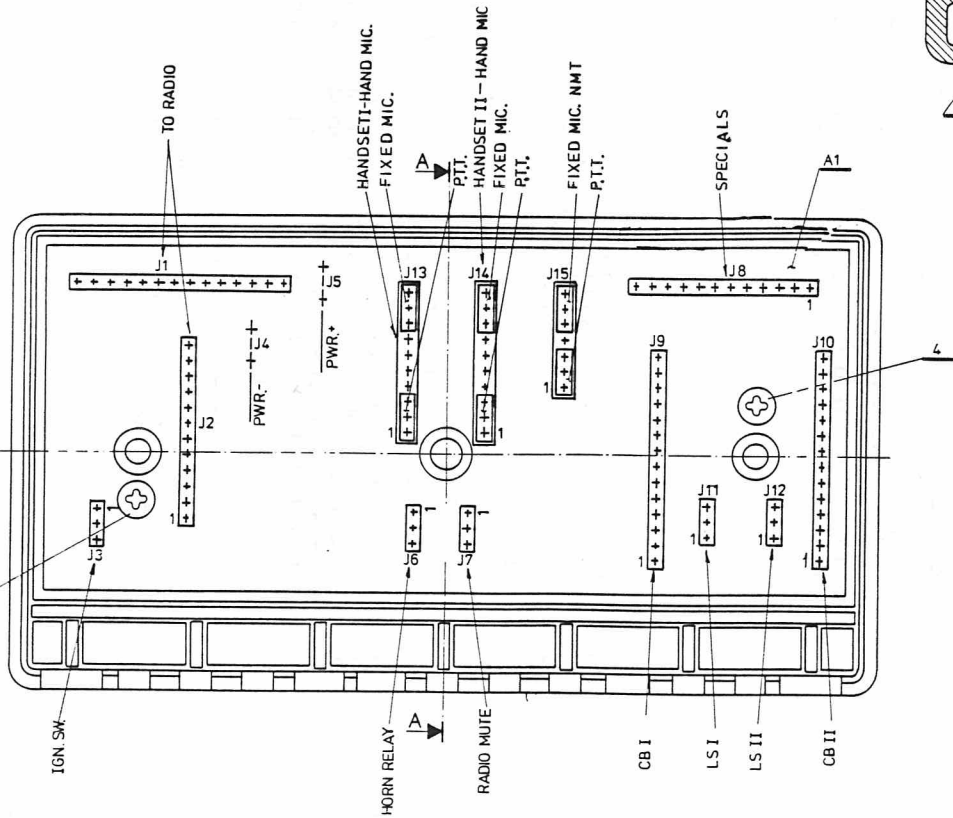
00W2 : K805749G1 : CABLE W CONN :

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



SEE PART LIST X404.095

JUNCTION BOX JB6001 ASM.  
L855768G1

M405.230/2

ITEM NUMBER	DESCRIPTION
L855768G1	JB 6001
L855768G2	JB 6002

=====

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
A001	M905975G1	CPNT BD PW	1 (SEE
A001	M905975G2	CPNT BD PW	1 BELOW)
0003	K805073P1	GASKET	2
0004	A701507P612	SCREW PAN HD SZ3.5X19.1AB	2
0005	J706212P203	SCREW PAN HD SZ 4.0X7.9 MM	2
0006	J706285P1	LOCKING RING	1
0007	J706307P37	NAMEPLATE JB6001	1 G1
0007	J706307P70	NAMEPLATE JB6002	1 G2
0010	A700031P635	SCREW PAN HD M-4.0X35.0 MM	1
0011	J709152P1	FOAM	1
0013	K805085G1	ASM CASE	1
0014	L855103P1	COVER	1

A001 : M905975G1 : CPNT BD PW., F. JB 6001 :  
A001 : M905975G2 : CPNT BD PW., F. JB 6002 :

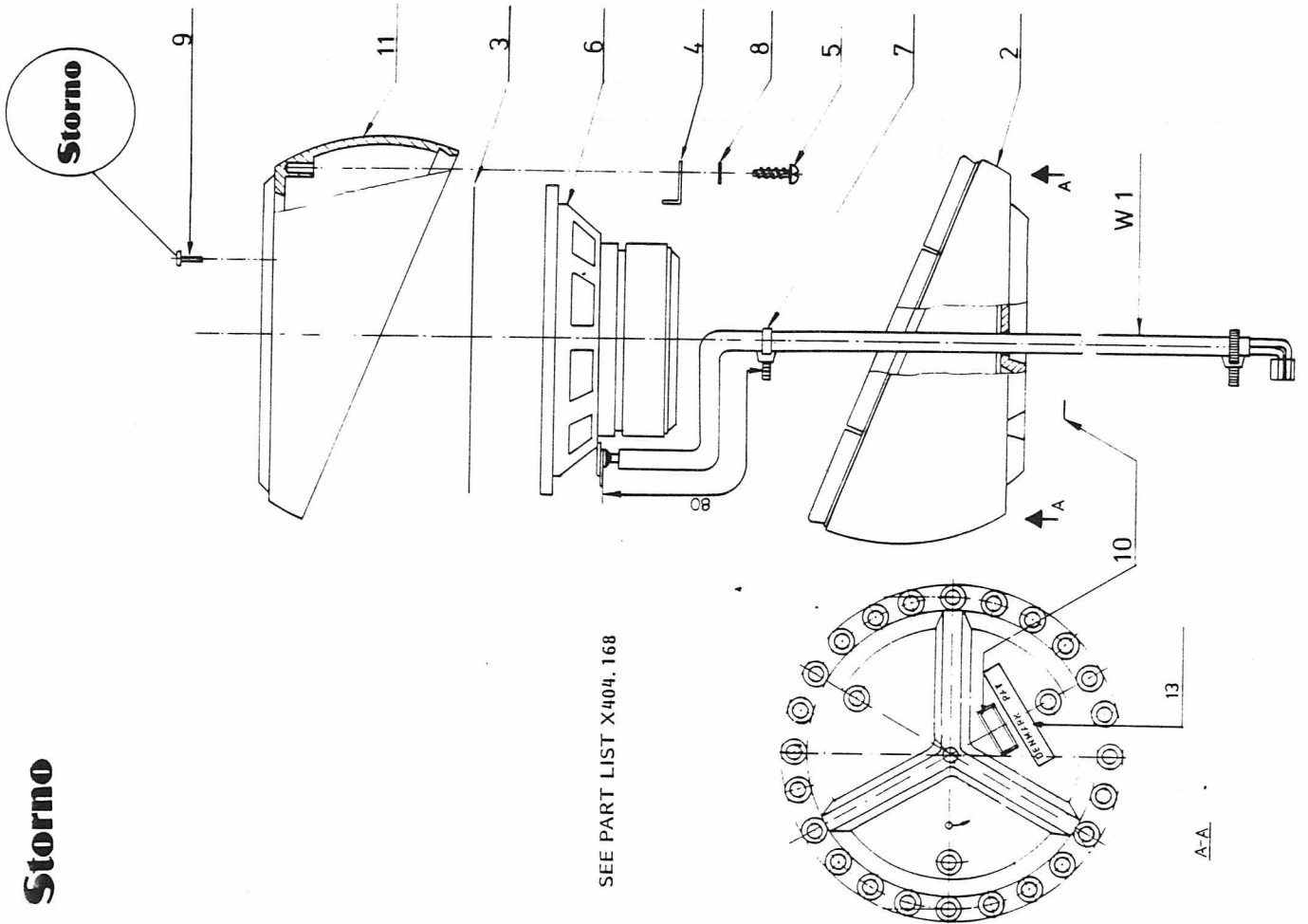
D001	A700028P1	DIO SI SIG 1N4148	1
D002	A700028P1	DIO SI SIG 1N4148	1
D003	A700028P1	DIO SI SIG 1N4148	1 G1
D004	A700028P1	DIO SI SIG 1N4148	1 G1
J001	J708925P1	CONN PT PIN L=9,7 -14 PINS	1
J002	J708925P1	CONN PT PIN L=9,7 -12 PINS	1
J003	J708925P1	CONN PT PIN L=9,7 - 3 PINS	1
J004	J708100P2	TERM TAB SPADE	1
J005	J708100P2	TERM TAB SPADE	1
J006	J708925P1	CONN PT PIN L=9,7 - 3 PINS	1
J007	J708925P1	CONN PT PIN L=9,7 - 3 PINS	1
J008	J708925P1	CONN PT PIN L=9,7 -12 PINS	1 G1
J009	J708925P1	CONN PT PIN L=9,7 -14 PINS	1 G1
J009	J708925P6	CONN PT PIN L=16,0-14 PINS	1 G2
J010	J708925P1	CONN PT PIN L=9,7 -14 PINS	1
J011	J708925P1	CONN PT PIN L=9,7 - 3 PINS	1 G1
J012	J708925P1	CONN PT PIN L=9,7 - 3 PINS	1
J013	J708925P1	CONN PT PIN L=9,7 -10 PINS	1
J014	J708925P1	CONN PT PIN L=9,7 -10 PINS	1 G1
J015	J708925P1	CONN PT PIN L=9,7 - 7 PINS	1 G1

0002 M905976P1R1 BD PW., REVISION NO.: 1 1



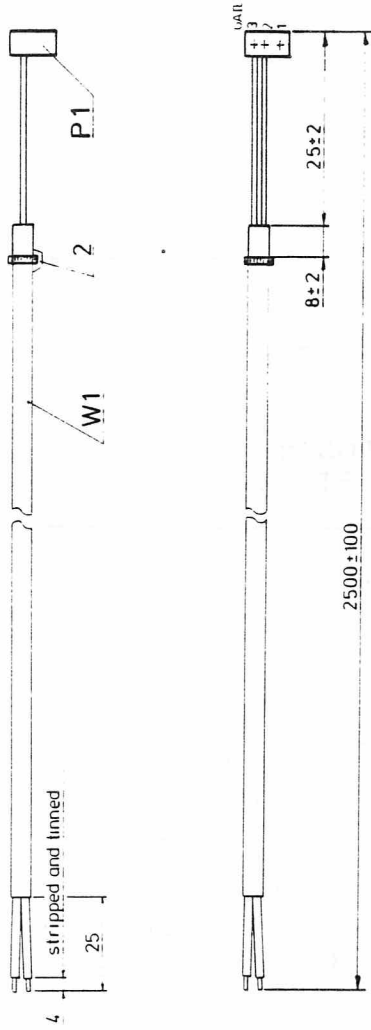
**Storno**

**Storno**



SEE PART LIST X404. 168

A-A



NOTE:

- 1. Cable length 2500 ± 50 mm
  - 2. Colour coding no.2 in gate 2
  - 3. Colour coding no.1 in gate 3
- } IEC 304

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

MECHANICAL LAYOUT & PART NUMBERS  
FOR LS6001 CODE No. L855093G2

M405. 255

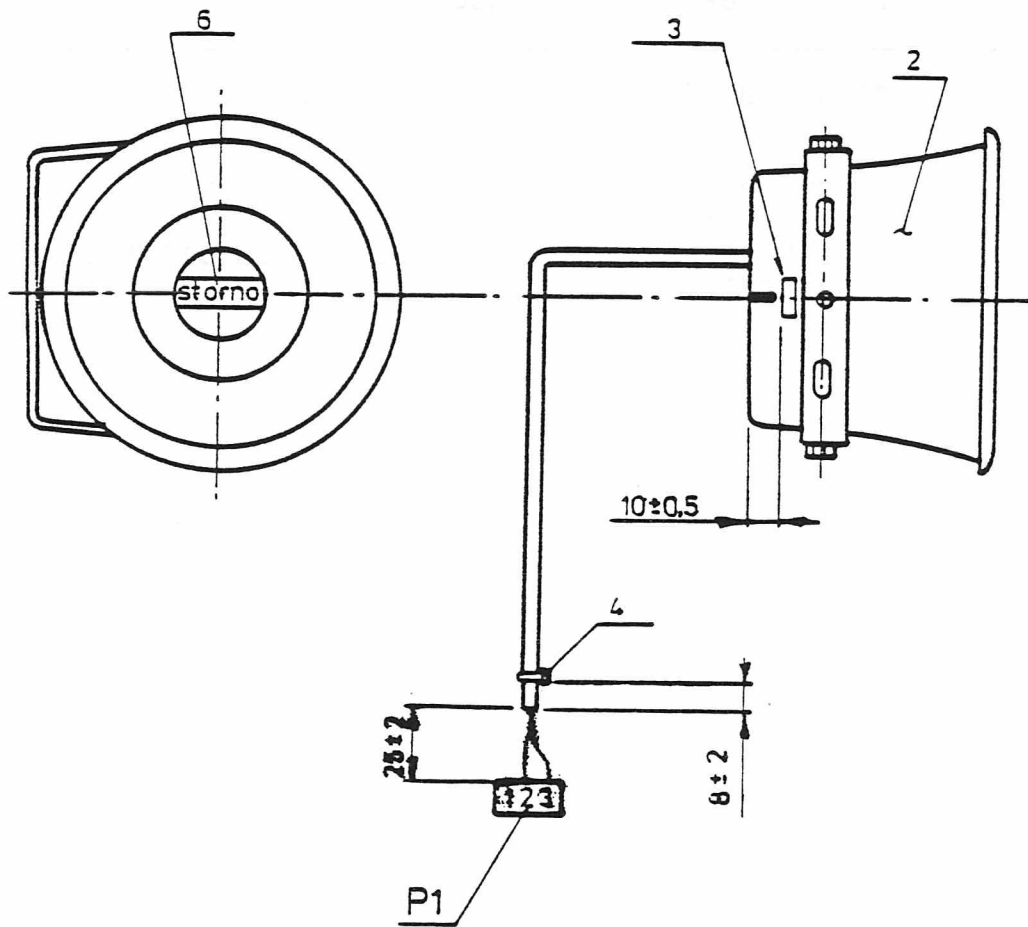
ITEM NUMBER	DESCRIPTION
L855093G2	LS 6001 ASM
=====	
K805100G2	SUB ASM.: CABLE ASM
-----	

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
00W1	K805100G2	CABLE ASM	1 (SEE BELOW)
0002	M905034P1	HOUSING	1
0003	J706164P1	FILTER	1
0004	J706165P1	BRACKET	3
0005	J706212P202	SCREW PAN HD SZ 4.0 X 6.4 MM	3
0006	J706299P1	LS PERM MAG 8R 6W	1
0007	J706152P5	STRAP RET W BDL D19 NYL	1
0008	J706076P1	WASHER SPG 1.4 X 3.3 MM	3
0009	J706163P1	NAME PLT	1
0010	J706307P38	NAME PLATE, LS6001 -	1
0011	K805075G1	COVER ASM., LS901/LS6001	1
0012	J708612	SPEC TEST	
0013	J707886P1	LABEL	1
-----			
00W1 :	K805100G2 :	CABLE ASM., :	
-----			
P001	J708069P203	CONNECTOR FEM	1
W001	J706156P1	CABLE	2,50 M
0002	J706152P5	STRAP RET W BDL D19 NYL	1
-----			

**Storno**

**Storno**



SEE PART LIST X404.178

LOUDSPEAKER ASM. LS6002

J708821G1

M405.238

ITEM NUMBER	DESCRIPTION
J708821G1	LS 6002

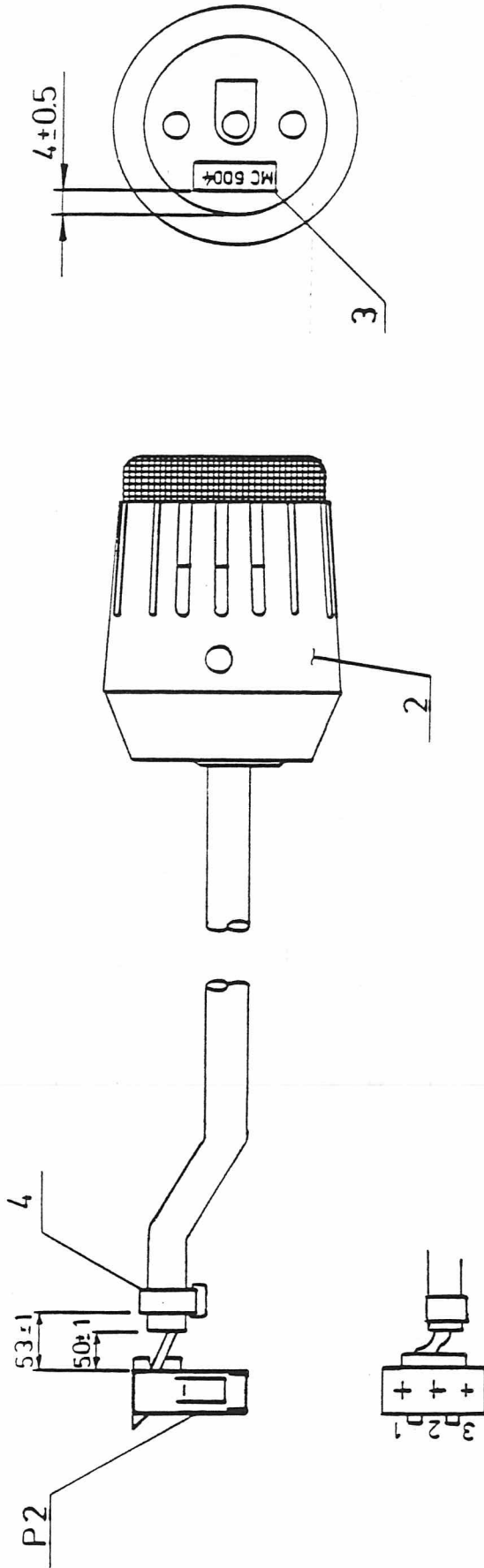
=====

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
P001	J708069P203	CONNECTOR FEM	1
0002	J707224P1	LS PERM MAG 8R 7W HORN	1
0003	J706307P46	NAME PLATE LS6002	1
0004	J706152P5	STRAP RET W BDL D19 NYL	1
0006	J707314P1	NAME PLATE	1

**Storno**

**Storno**



SEE PART LIST X404. 098

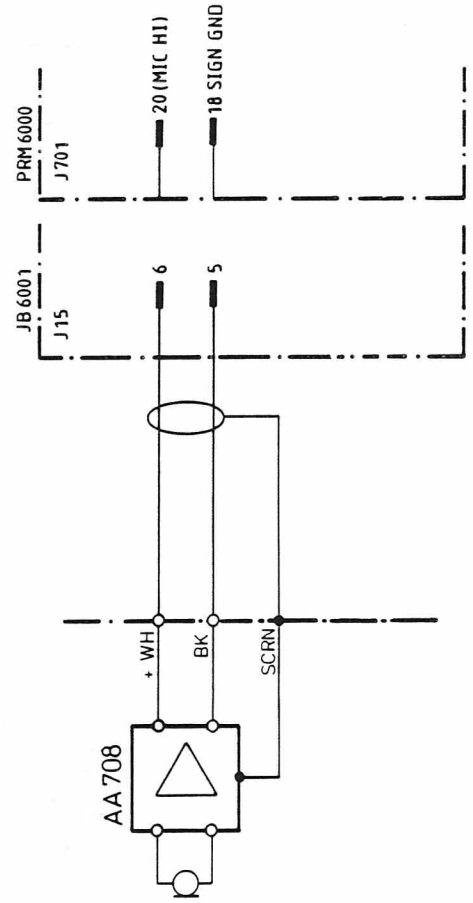
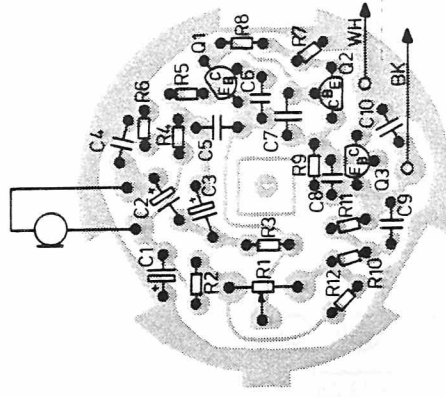
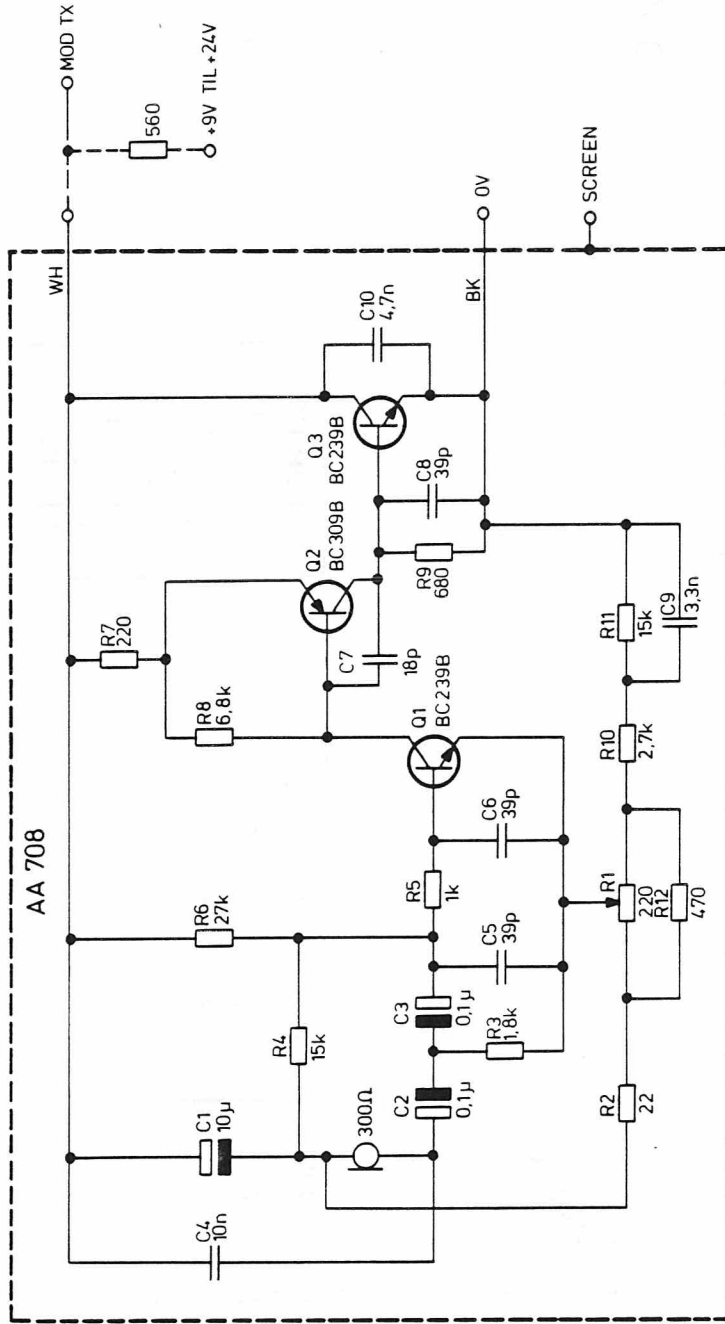
IEC 304 COLOR CODE	GATE NO.	REMARKS
0	1	
9	2	
SHIELD		CUT OFF

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

MICROPHONE ASSEMBLY MC6004

K805101G2

M405. 229



MICROPHONE MC6004  
FOR PRM6000

K805101G2 D404.380

ITEM NUMBER                      DESCRIPTION  
 K805101G2                      MC 6004 ASM

=====

P A R T S   L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY	
P002	J708069P203	CONNECTOR FEM	1	
0002	J706320P2	MC 704 A	1	(SEE BELOW)
0003	J706307P40	NAMEPLATE MC6004	1	
0004	J706152P5	STRAP RET W BDL D19 NYL	1	
-----				
0002 :	J706320P2 :	MC 704 A , ASM.D :		
-----				
A001	10.4403-00	AA 708 , AUDIO AMPLIFIER	1	(SEE BELOW)
-----				
A001 :	10.4403-00 :	AA 708 , AUDIO AMPLIFIER :		
-----				
C01	73.5109-00	CAP TA SOL 10U0 20% 16V	1	
C02	73.5089-00	CAP TA SOL 0U1 20% 35V	1	
C03	73.5089-00	CAP TA SOL 0U1 20% 35V	1	
C04	74.5109-00	CAP CER PL 10N0 20V	1	
C05	74.5187-00	CAP CER 39PF 10% 25V	1	
C06	74.5187-00	CAP CER 39PF 10% 25V	1	
C07	74.5138-00	CAP CER 18PF 5% 125V	1	
C08	74.5187-00	CAP CER 39PF 10% 25V	1	
C09	76.5060-00	CAP CER 3N3 50V	1	
C10	74.5108-00	CAP CER PL 4N7 20V	1	
Q01	99.5201-00	TSTR SI NPN BC239B/C;BC549B/C	1	
Q02	99.5115-00	TSTR SI PNP BC309B/C;BC559B/C	1	
Q03	99.5201-00	TSTR SI NPN BC239B/C;BC549B/C	1	
R01	86.5076-00	RES VAR LIN 220R 20% 0,05W	1	
R02	A700019P17	RES DEPC 22R 5% 1/4W	1	
R03	A700019P40	RES DEPC 1K8 5% 1/4W	1	
R04	A700019P51	RES DEPC 15K 5% 1/4W	1	
R05	A700019P37	RES DEPC 1K0 5% 1/4W	1	
R06	A700019P54	RES DEPC 27K 5% 1/4W	1	
R07	A700019P29	RES DEPC 220R 5% 1/4W	1	
R08	A700019P47	RES DEPC 6K8 5% 1/4W	1	
R09	A700019P35	RES DEPC 680R 5% 1/4W	1	

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
R10	A700019P42	RES DEPC 2K7 5% 1/4W	1
R11	A700019P51	RES DEPC 15K 5% 1/4W	1
R12	A700019P33	RES DEPC 470R 5% 1/4W	1
003	54.0803-00	PC/SOLDERTERMINAL	1
004	186.5086-00	ELKOFLEX GL	0.10 M

18/6/'85  
JEV

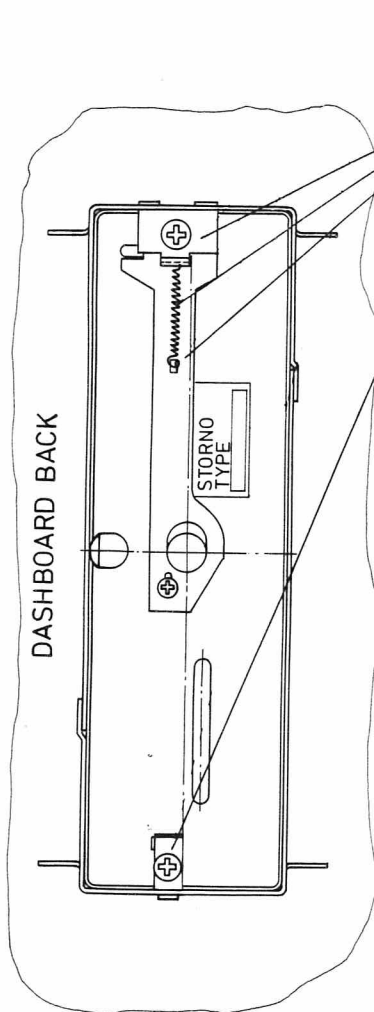
STORNO - DEPT. OF SERVICE CO-ORDINATION

-----  
X404.098  
-----

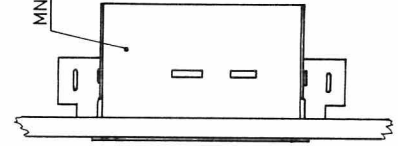
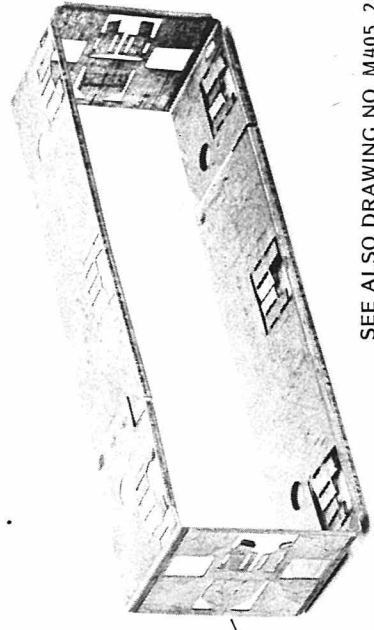
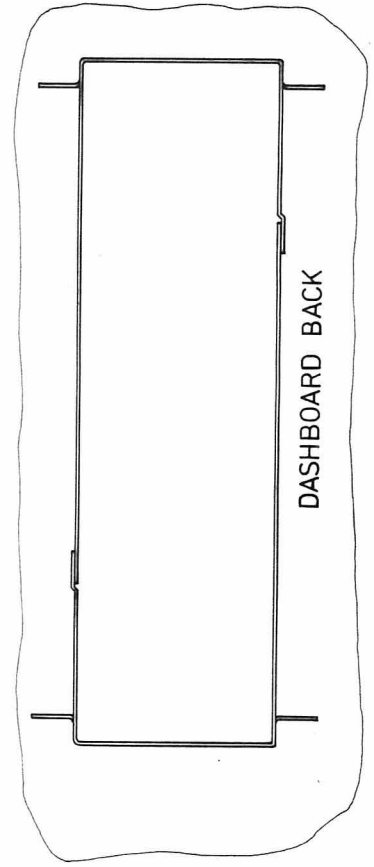
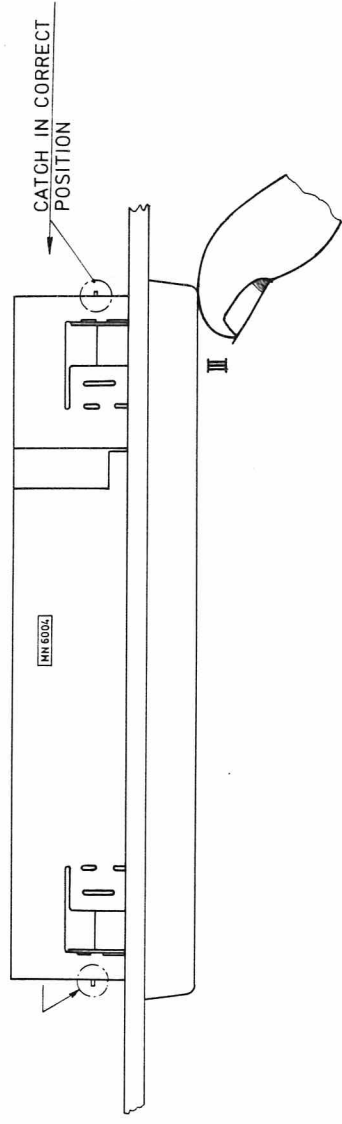
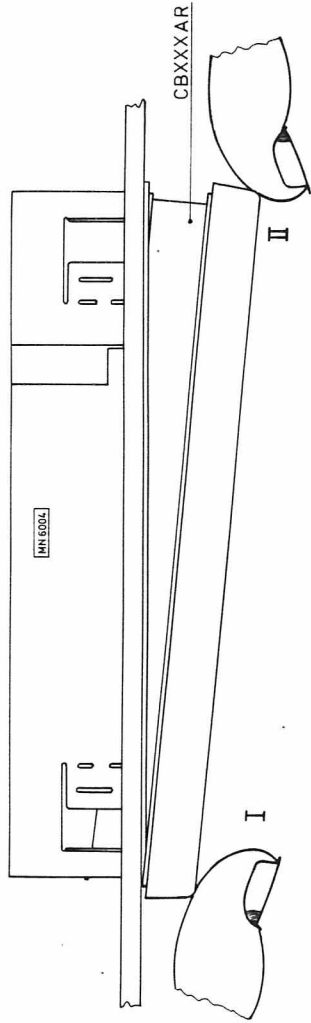


**Storno**

**Storno**



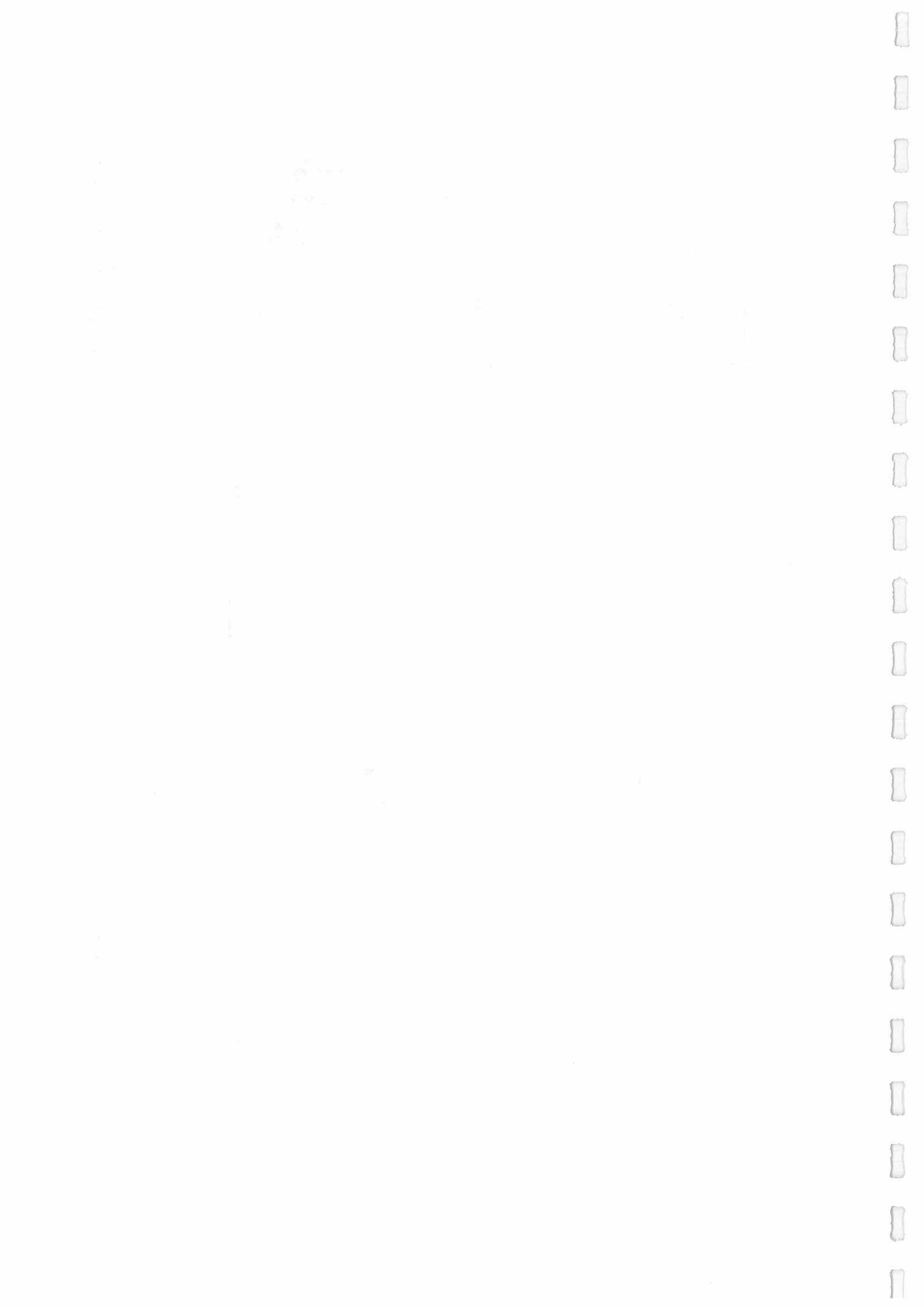
NOTE:  
 MOUNTING MN 6004 INTO A DASHBOARD.  
 AFTER THE MN 6004 HAS BEEN PUSHED INTO THE OPENING IN THE DASHBOARD, TURN FOUR OF THE EARS (WHICH OF THESE - DEPENDS ON THE THICKNES OF THE DASH BOARD). BE SURE THAT ALL THE FOUR EARS AND THE FRAME ARE PRESSING AGAINST THE PANEL, DURING AND AFTER THE MOUNTING.



SEE ALSO DRAWING NO. M405. 203

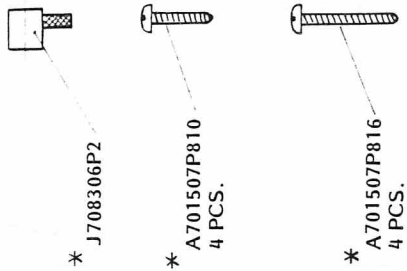
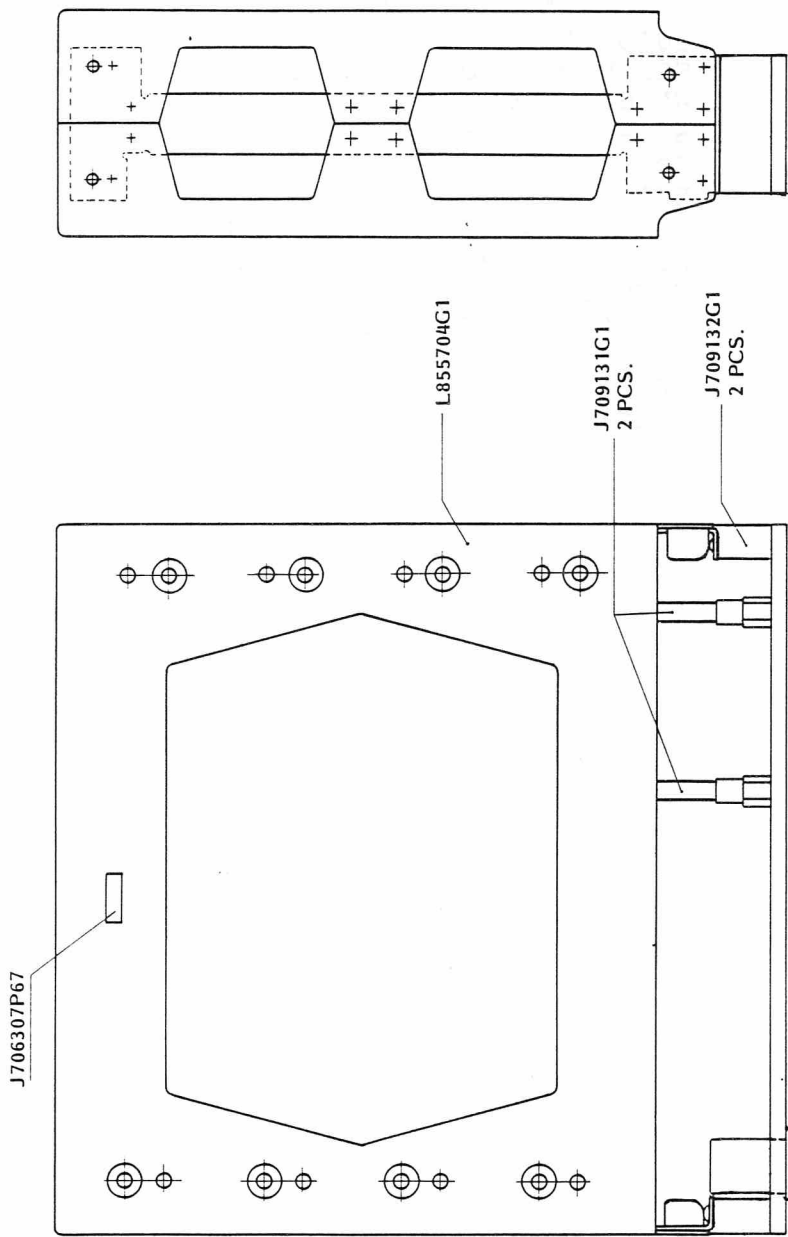
MOUNTING INSTRUCTION  
FOR MN6004 CODE NO. K805674G1

M405. 257

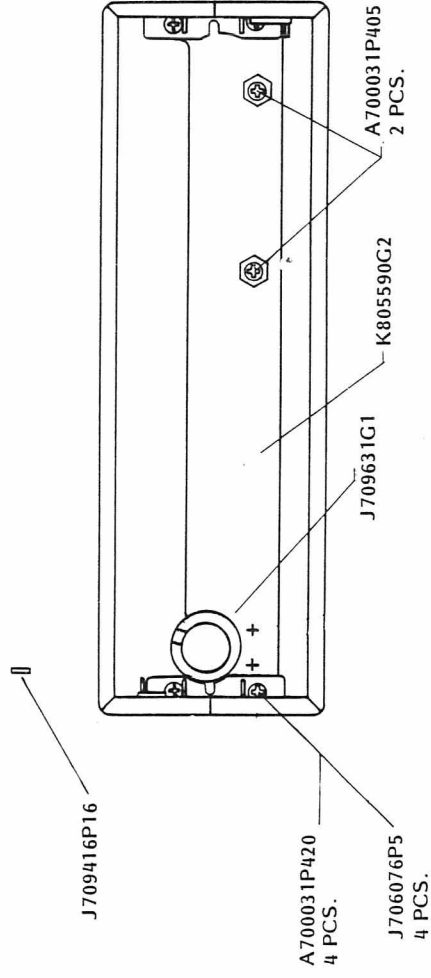


**Storno**

**Storno**



\* TO BE PACKED SEPARATELY  
IN A PLASTICBAG



MECHANICAL LAYOUT & PART NUMBERS  
FOR MN6008 CODE NO. L855703G3

M405.259

ITEM NUMBER	DESCRIPTION
L855703G3	MN 6008 CASSETTE UNDER DASHBOARD

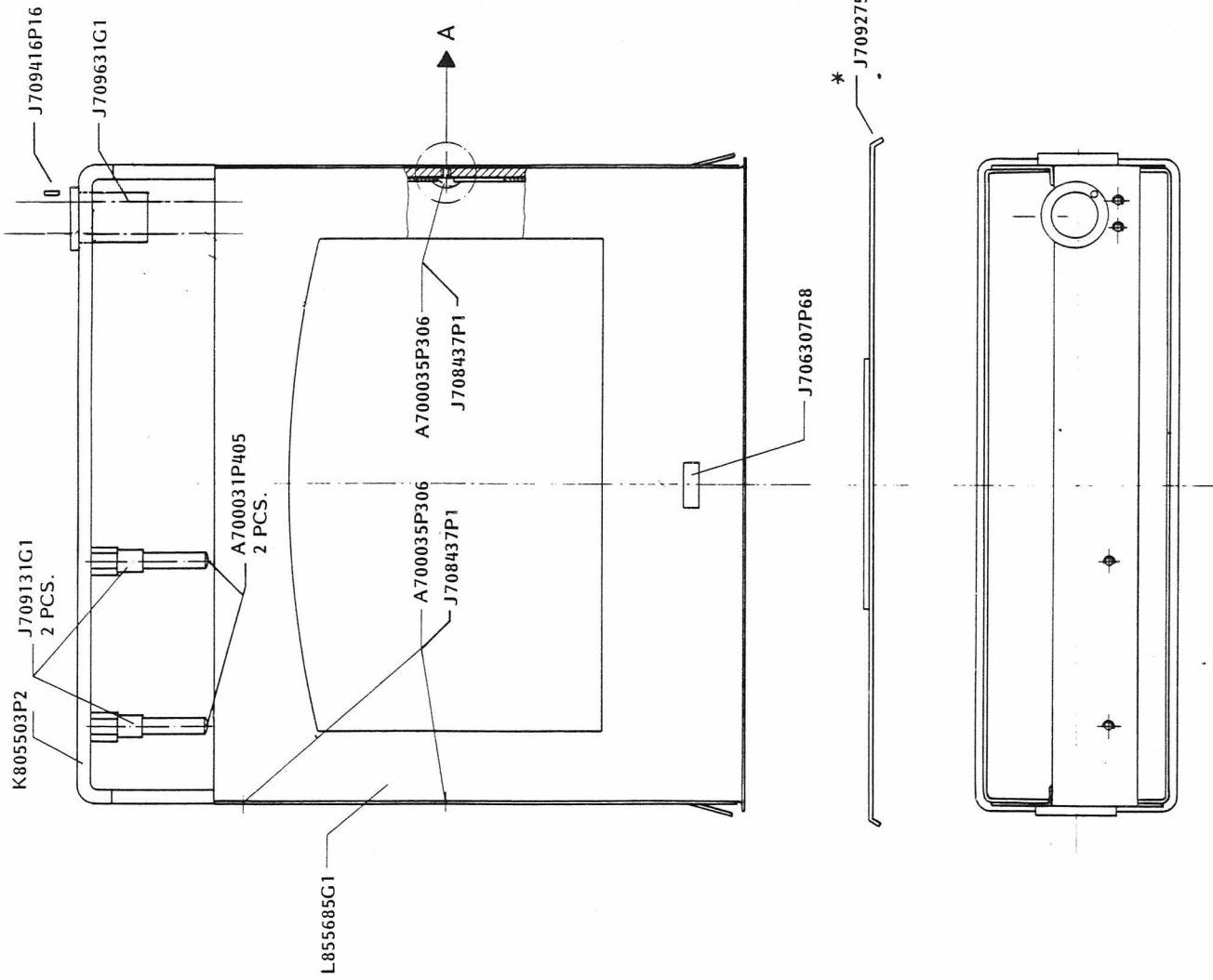
=====

## P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
0002	L855704G1	CASSETTE PAINTED	1
0003	K805590G2	GUIDE PAINTED	1
0004	A700031P420	SCREW PAN HD M-3.0X20.0 MM	4
0005	J706076P5	WASHER SPG 3.0X6.4 MM	4
0006	J709131G1	SUPPORT PAINTED	2
0007	J708278P1	CONSOLE	1
0008	J709130G1	BUSHING PAINTED	2
0009	A700031P304	SCREW PAN HD M-2.5X4.0 MM	2
0010	A700031P405	SCREW PAN HD M-3.0X5.0 MM	2
0011	J706307P67	NAME PLATE MN6008	1
0012	J708306P2	CONNECTOR BNC MOD	1
0013	J709132G1	SUPPORT COATED	2
0015	A701507P810	SCREW	4
0016	A701507P816	SCREW	4

**Storno**

**Storno**



\* ITEM TO BE PACKED SEPARATELY  
IN A PLASTICBAG:

MECHANICAL LAYOUT & PART NUMBERS  
FOR MN6009 CODE NO. L85586G3

M405.260

ITEM NUMBER	DESCRIPTION
L855586G3	MN 6009 DIN CASSETTE, IN DASHBOARD MOUNT

=====

## P A R T S   L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
0002	L855685G1	CASSETTE PAINTED	1
0003	K805523G1	PAWL ASM	2
0004	A700031P335	SCREW PAN HD M-2.5X35.0 MM	2
0005	A700035P306	SCREW FLAT HD M-2.5X6.0 MM	3
0006	J708437P1	DISK	3
0007	K805503P2	FRAME GUIDE	1
0008	J709131G1	SUPPORT PAINTED	2
0009	J708278P1	CONSOLE	1
0010	J709130G1	BUSHING PAINTED	2
0011	A700031P304	SCREW PAN HD M-2.5X4.0 MM	2
0012	A700031P405	SCREW PAN HD M-3.0X5.0 MM	2
0013	J706307P68	NAME PLATE MN6009	1
0014	J708306P2	CONNECTOR BNC MOD	1
0015	J709275G1	PLATE TAPED	1

FIG. 1

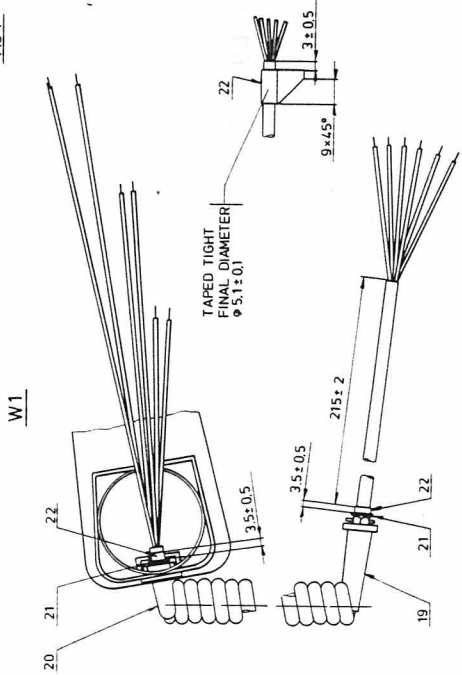


FIG. 3



FIG. 4

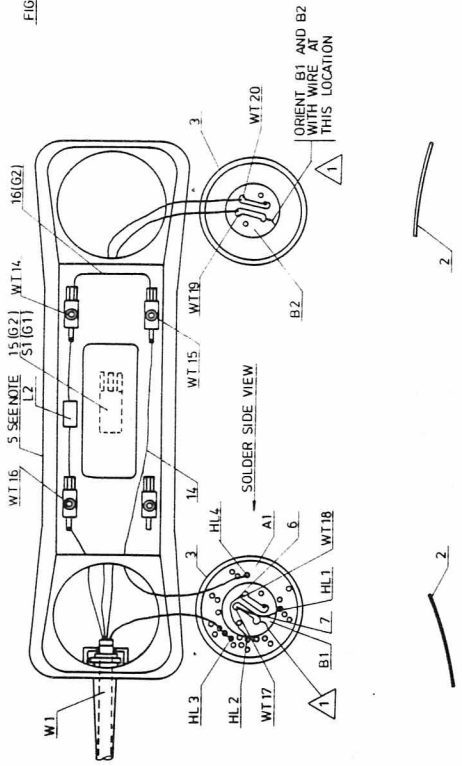


FIG. 5

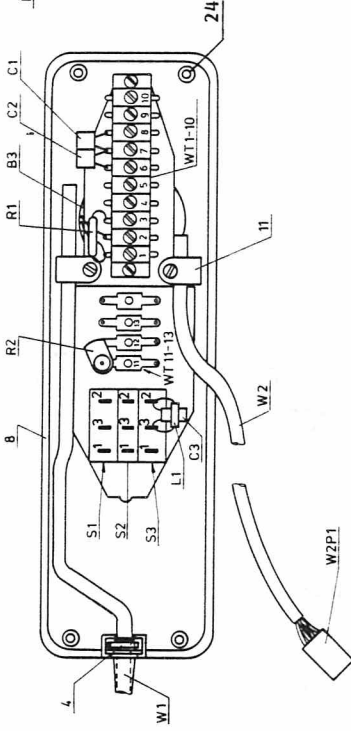
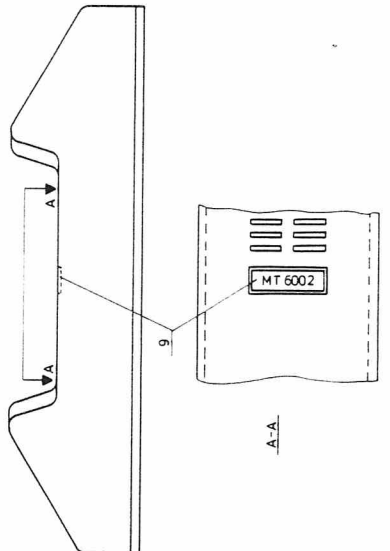


FIG. 6



ASSEMBLY PROCEDURE G.1

- ITEM 5
- 1 REMOVE TWO SCREWS
  - 2 REMOVE SILICONE RUBBER AND FOAM RUBBER
  - 3 MOUNT COILED (FIG.1) ITEM W1 AND REPLACE SILICONE RUBBER AND FOAM RUBBER
  - 4 REMOVE GASKETS AND GRILLS AND MOUNT NETS (FIG.4) ITEM 2
  - 5 MOUNT TELEPHONE ITEM B2 AND MICROPHONE ITEM B1 AND PWB ITEM A1 AND TWO HOLDERS ITEM 3
  - 6 SOLDER WIRES. CUT AWAY RED AND WHITE WIRES NOT USED IN W1.
  - 7 ASSEMBLE THE HOUSING USING 2 SCREWS

ITEM 6

- 1 REMOVE 4 SCREWS AND BOTTOMPLATE
- 2 MOUNT CABLES ITEM W1 AND W2 AND SOLDER CUT AWAY WIRES NOT USED IN W2 BROWN, YELLOW, ORANGE
- 3 MOUNT BOTTOM PLATE USING 4 SCREWS WHITE/BROWN
- 4 PUT NAMEPLATE ITEM 9 INTO GROOVE AS SHOWN (FIG. 6)

ASSEMBLY PROCEDURE G.2

- ASSEMBLED AS G1 EXCEPT THAT S1 IS REPLACED BY A DUMMY ITEM 15 AND ITEM 16 ARE MOUNTED
- ITEM 24 TO BE PACKED SEPARATELY

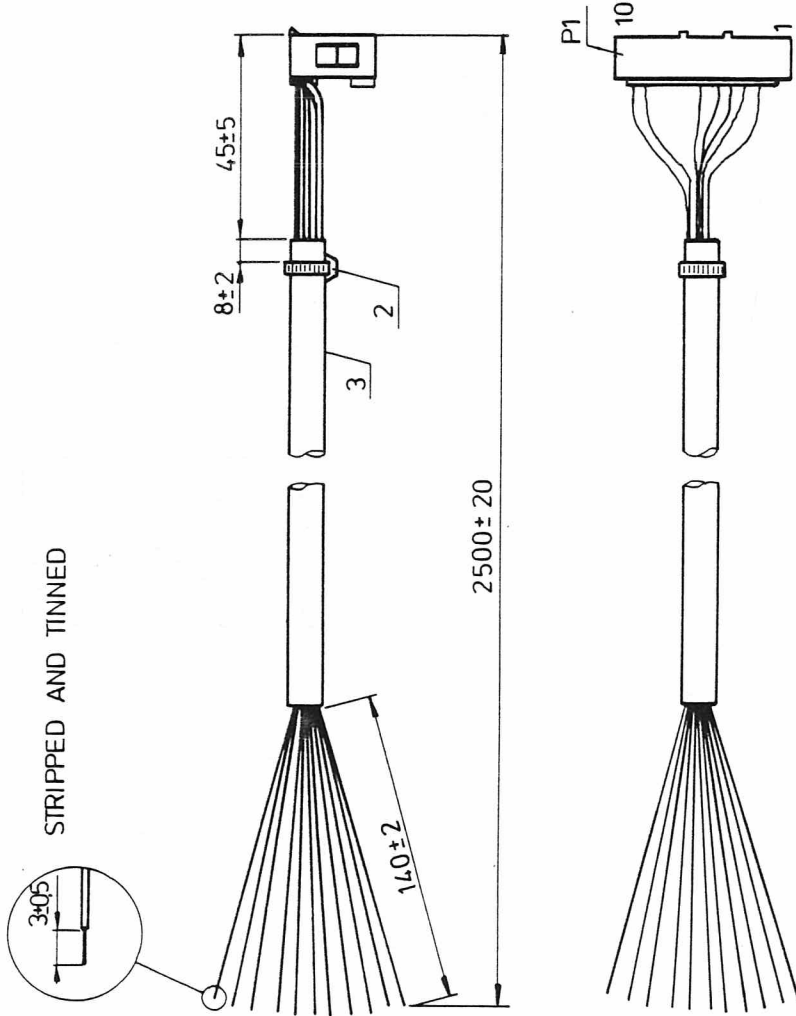
SEE M405. 270 FOR CABLE ASSEMBLY.  
SEE PART LIST X404. 096

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

WIRE	FROM	TO	COLOR IEC 304	REMARKS
W1	A1 HL3	WT7	1	
	WT16	WT13	0	
	S3 3	4	4	
	WT20	WT8	5	
W2	P1 3	WT7	2	
	P1 4	WT2	7	
	P1 5	WT3	6	
	P1 6	S2 2	0	
	P1 7	S2 1	5	
	P1 9	S1 1	9	
6	P1 10	WT12	8	
	A1 HL2	WT18	6	
	A1 HL1	WT17	2	
	A1 HL4	WT15	2	
	S3 1	WT11	8	
12	S1 2	WT13	0	
17	WT13	WT 6	0	
	B3	WT1	6	
		WT2	6	

MECHANICAL LAYOUT & PART NUMBER  
FOR MT6002/3 CODE NO: M906110G1/G2

M405. 269



SEE PART LIST X404. 096

IEC 304 COLOR CODE	IN CONN. GATE NO.
1	CUT
4	CUT
2	3
7	4
6	5
0	6
5	7
3	CUT
9	9
8	10
91	CUT

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

CABLE ASSEMBLY FOR MT6002/3  
CODE NO. K805030G3

M405. 270



ITEM NUMBER                      DESCRIPTION  
M906110G1/G2                      MT 6002/3 MICR.TELPH. W.KEY  
=====

## P A R T S    L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
A001	K805070G1	ASM BD PW C9MT01 / MT 600X	1 (SEE BELOW)
B001	J706194P1	MICROPHONE INS 400R	1
B002	J706194P1	MICROPHONE INS 400R	1
C001	J707412P12	CAP PYES 330N 10% 63V	1
C002	J707412P12	CAP PYES 330N 10% 63V	1
C003	A700005P8	CAP PYES 15N 10% 50V	1
L001	J707174P1	COIL RF FIX 4700UH 10%	1
L002	J707174P1	COIL RF FIX 4700UH 10%	1
R001	J708851P2	RES W W 10R 10% 2W	1
R002	J706008P1	RES VAR CERM 1K 20% 1/2W	1
W001	J706182P1	CABLE ASSY HANDSET 6COND	1
W002	K805030G3	CABLE ASM MT 6002/6003	1 (SEE BELOW)
0002	J706073P1	NETTING	2
0003	L855026P1	HOLDER	2
0004	J706074P1	PLATE	1
0005	J706195P1	HANDSET CASE BARE BLACK	1
0006	A701268P6	WIRE BLUE	0.025 M
0007	A701268P2	WIRE RED	0.025 M
0008	J706195P3	STOWACE FOR HANDSET	1
0009	J706202P9/P10	NAME PLATE MT 6002/6003	1
0011	J707335P3	CLAMP LOOP 8 MM	1
0012	A701268P10	WIRE BLACK	0.070 M
0014	A701268P2	WIRE RED	0.20 M
0015	J707206P1	COV. BLIND FOR MT6003	1
0016	A701268P10	WIRE BLACK FOR MT6003	0.10 M
0017	A701268P10	WIRE BLACK	0.10 M
0019	J706075P1	GROMMET	1
0020	K805023P1	GROMMET	1
0021	J706313P1	RIVET TUBR D=6.0,L=9.0	1
0022	J706433P1	TAPE ACET WDH=12.7MM	0.10 M
0023	A701268P8	WIRE GRAY	0.070 M
0024	A701507P108	SCREW PAN HD SZ4.8X12.7AB	4
-----			
A001 :	K805070G1 :	ASM BD PW C9MT01 / MT 600X :	
-----			
C001	B800650P21	CAP TA SOL 2U2 20% 15V	1
C002	A700233P1	CAP CER CL2 100P 20% 50V	1
C003	A700233P1	CAP CER CL2 100P 20% 50V	1

05/12/'85

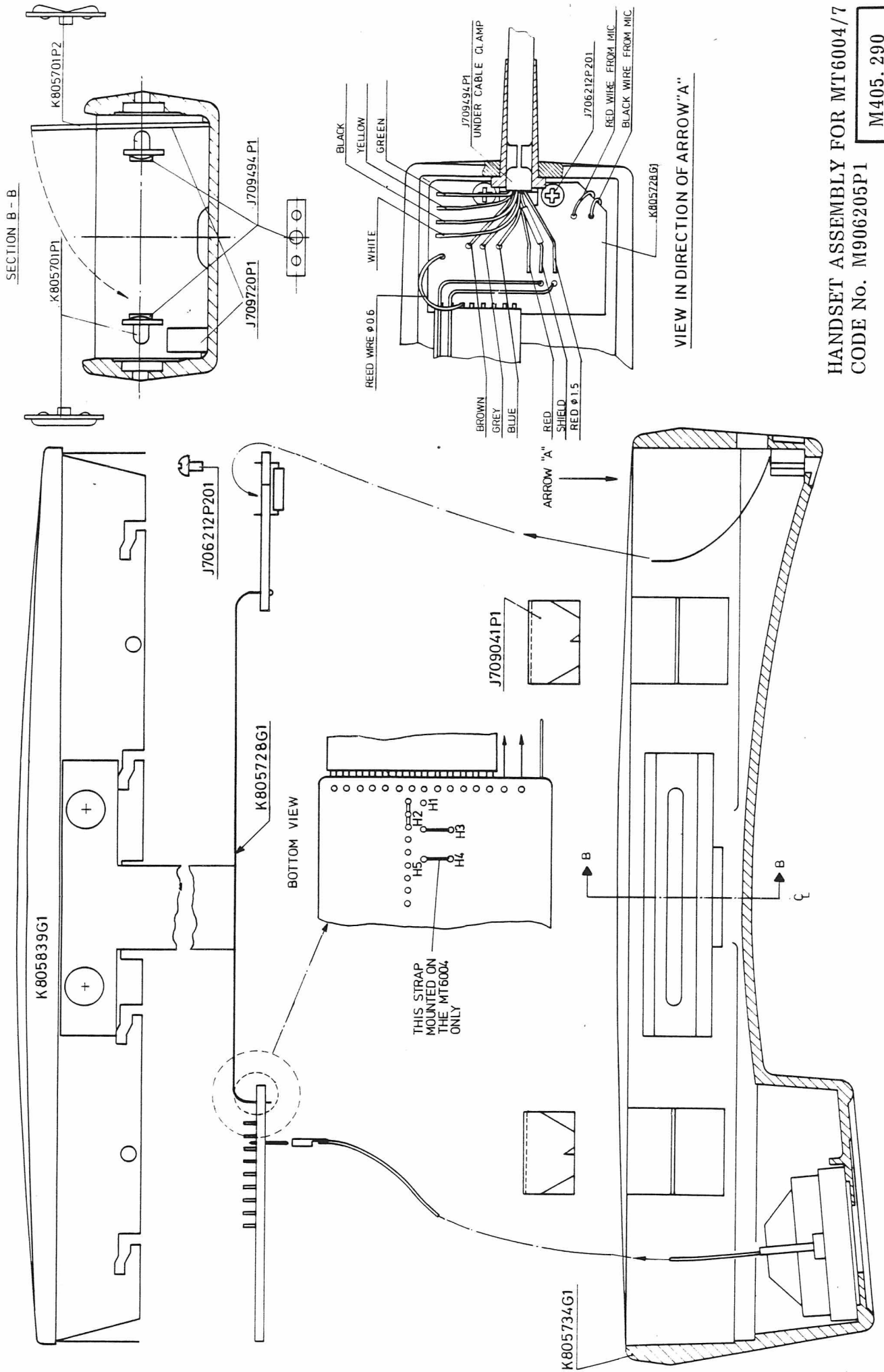
STORNO - DEPT. OF SERVICE CO-ORDINATION

X404.096/2

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
Q001	A700017P1	TSTR NPN SI BC 548A/B	1
Q002	A700020P1	TSTR PNP SI BC558A/B	1
R001	A700019P49	RES DEPC 10K 5% 1/4W	1
R003	A700019P57	RES DEPC 47K 5% 1/4W	1
R004	A700019P35	RES DEPC 680R 5% 1/4W	1
W001	A700184P1	RES WIRE JMPR	1
0002	L855097P1R0	BD PW., REVISION NO.: 0	1
-----			
W002 :	K805030G3 :	CABLE ASM MT 6002 :	
-----			
P001	J708069P210	CONNECTOR FEMALE	1
0002	J706152P5	STRAP RET., W. BDL D19 NYL.	1
0003	L706156P3	CABLE	2.50 M

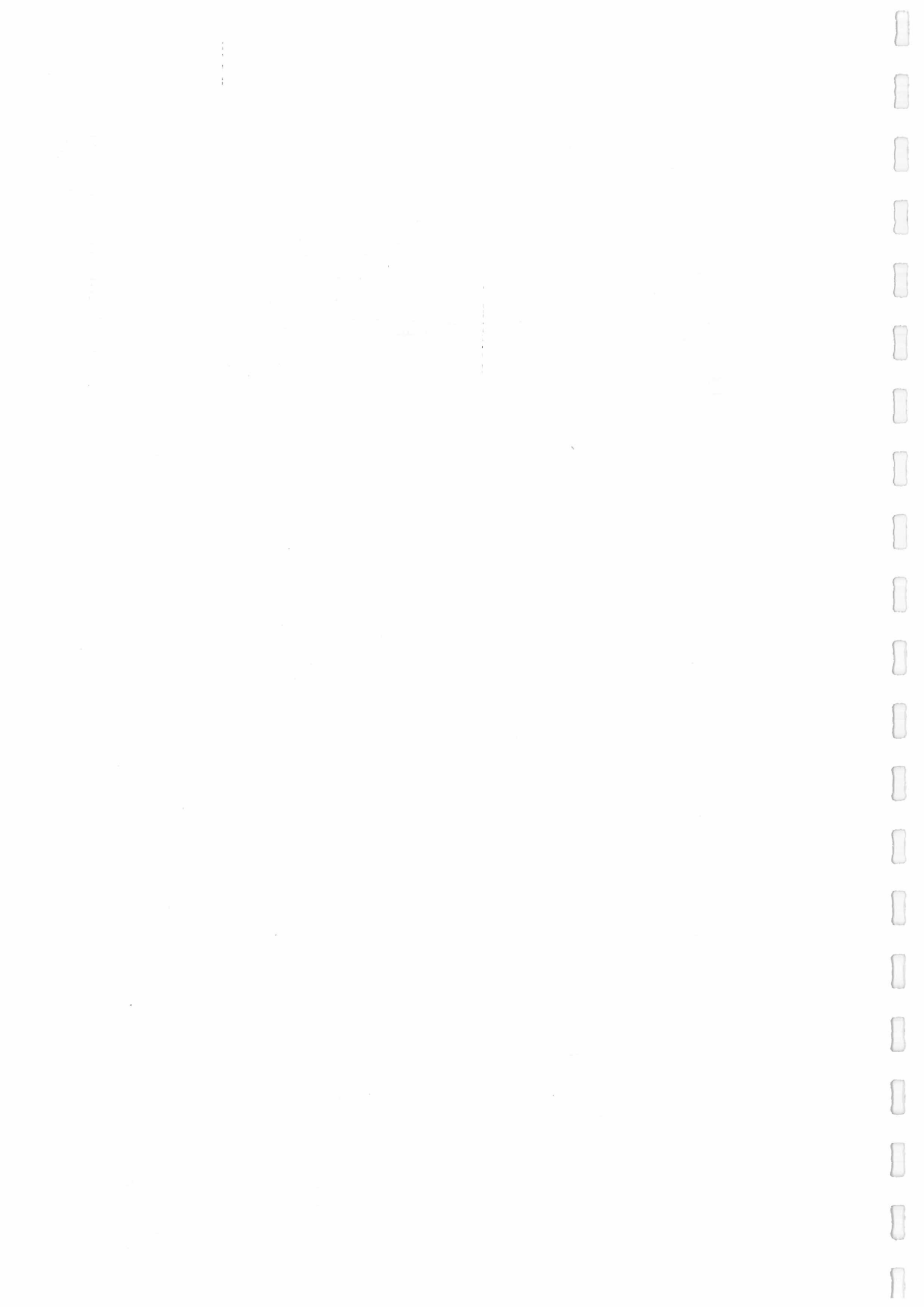
**Storno**

**Storno**



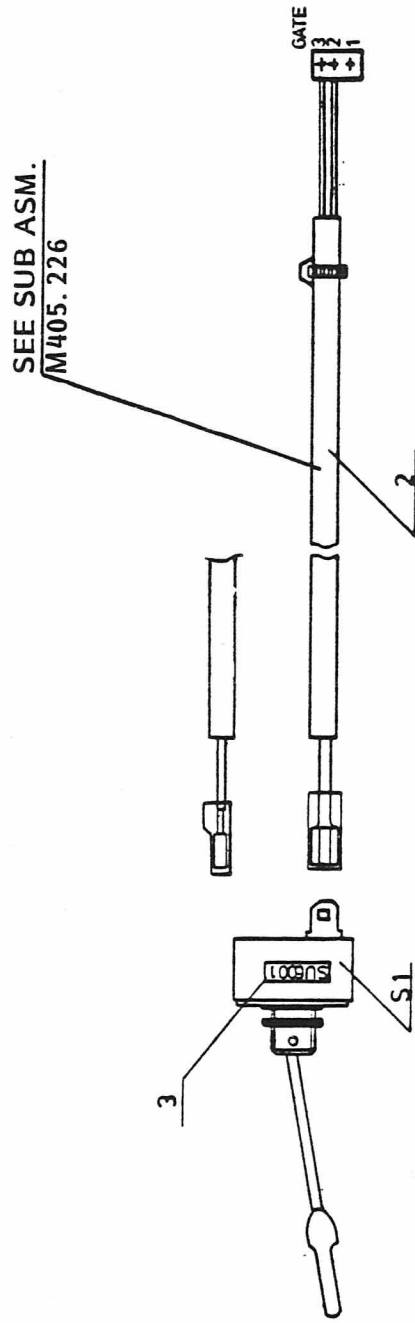
HANDSET ASSEMBLY FOR MT6004/7  
 CODE No. M906205P1

M405. 290



**Storno**

**Storno**

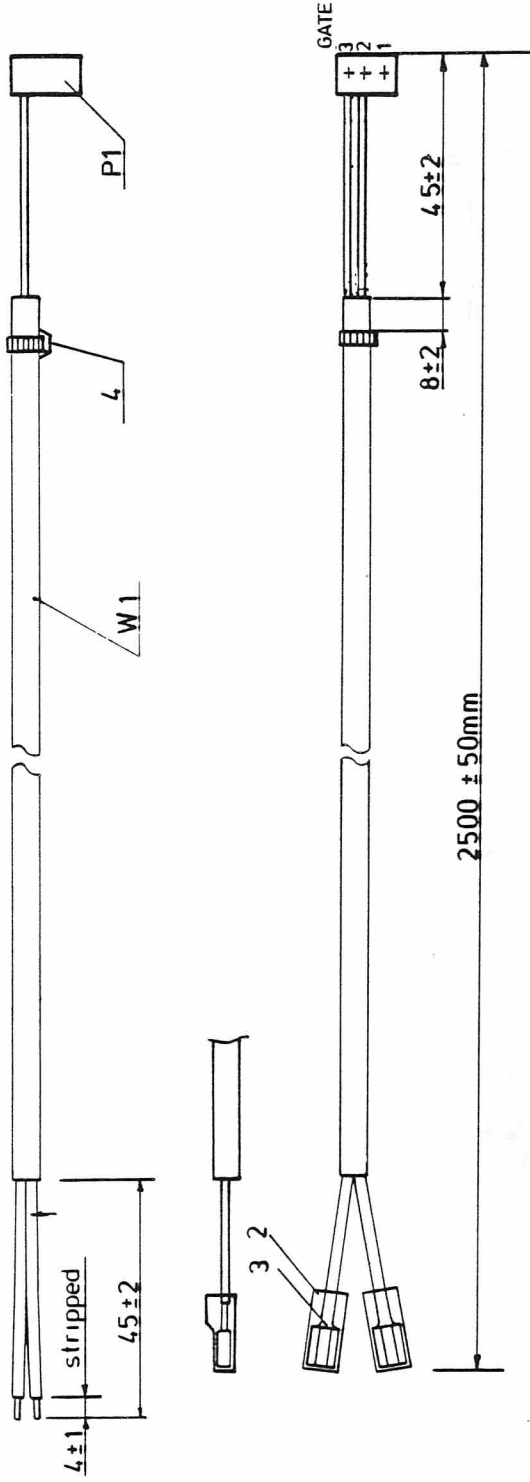


SEE PART LIST X404.169

SWITCH UNIT ASM. SU6001

K805200G2

M405.225



IEC 304 color code	In conn. gate no.	Remarks
1	3	
2	2	

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

SEE PART LIST X404.169

CABLE SUB ASSEMBLY FOR SU6001

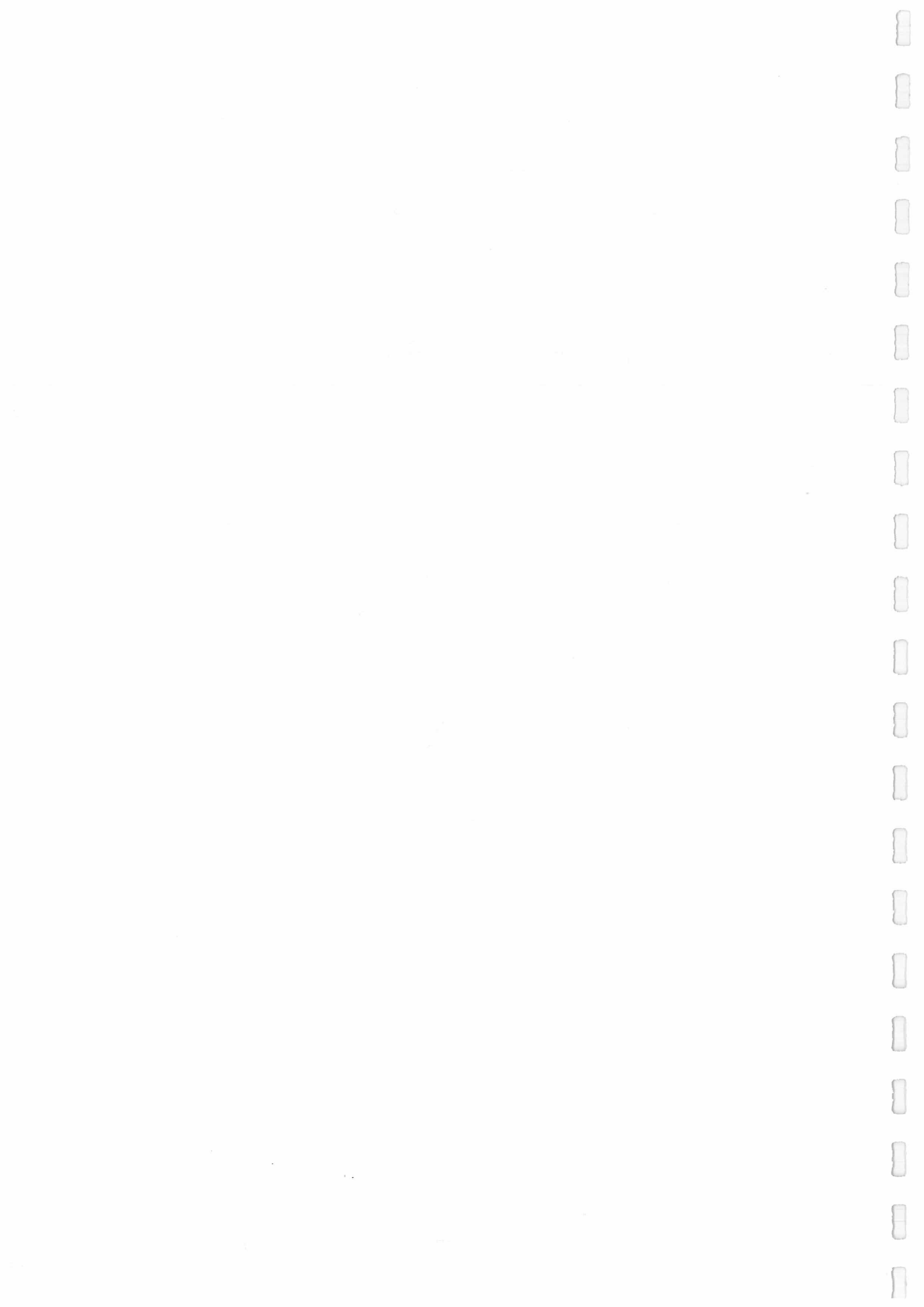
K805199C2

M405.226

ITEM NUMBER	DESCRIPTION
K805200G2	SU 6001 ASM
=====	
K805199G2	SUB ASM.: CABLE ASM
-----	

## P A R T S L I S T :

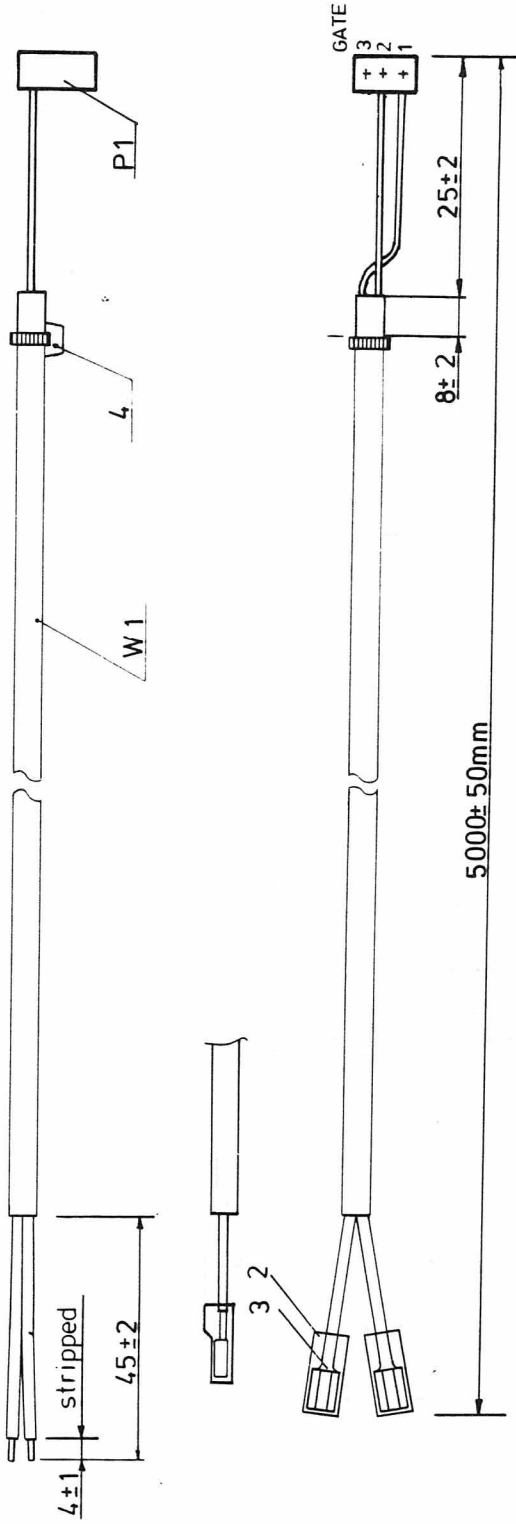
CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
S001	J706715P1	SW TGL SINGLE POLE 3A/24V	1
0002	K805199G2	CABLE ASM	1 (SEE BELOW)
0003	J706307P43	NAME PLATE SU6001	1
-----			
0002 :	K805199G2 :	CABLE ASM., :	
-----			
P001	J708069P203	CONNECTOR FEM	1
W001	J706156P1	CABLE	2,50 M
0002	J706657P1	INS BOOT	2
0003	J706684P4	TERM SPADE RECP 6.3MM	2
0004	J706152P5	STRAP RET W BDL D19 NYL	1





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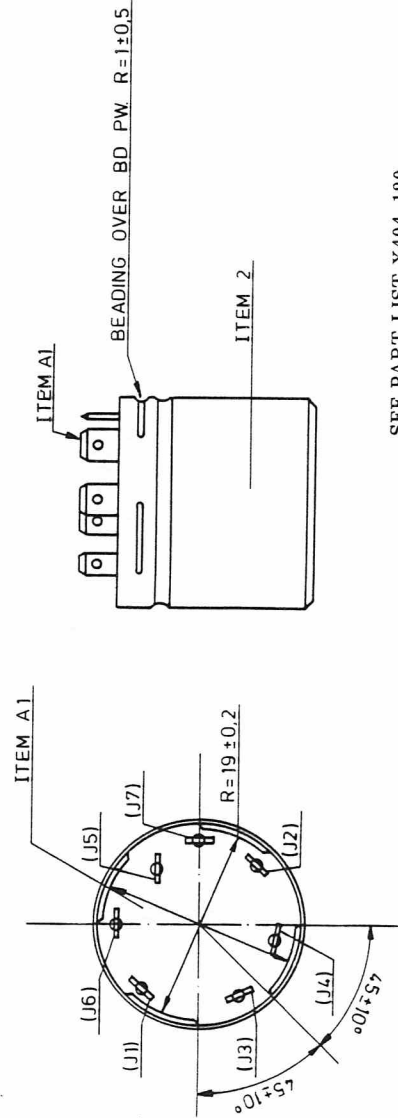


COLOR CODE IEC 304	
0	BLACK
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GREY
9	WHITE

**CABLE ASSEMBLY FOR SU6002  
K805204 G2**

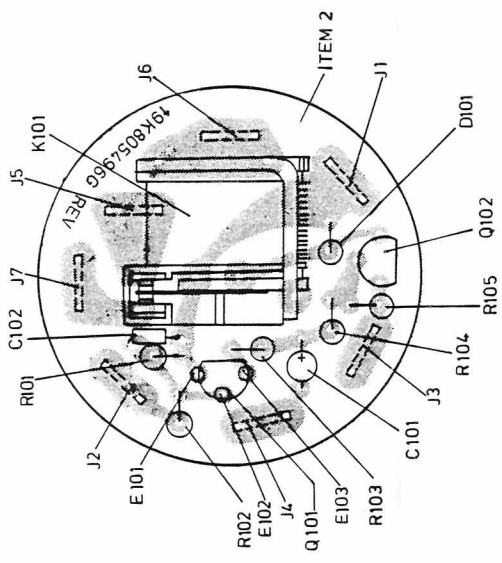
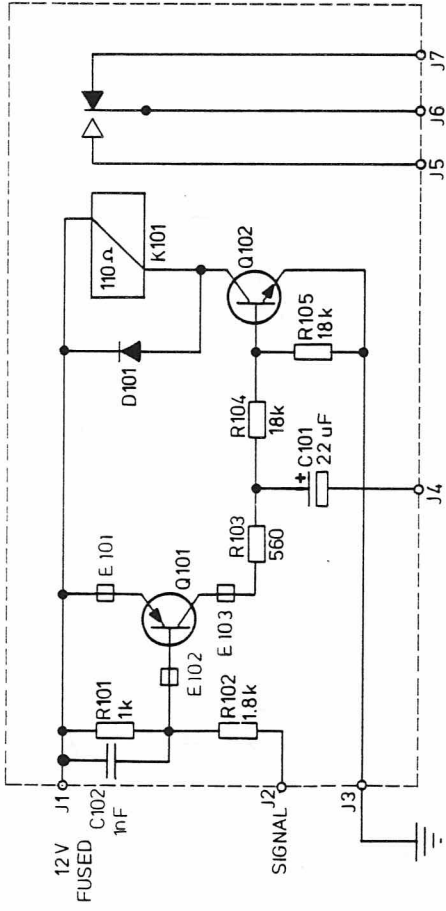
SEE PART LIST X404.120

IEC 304 color code	In conn. gate no.	Remarks
1	2	
2	1	



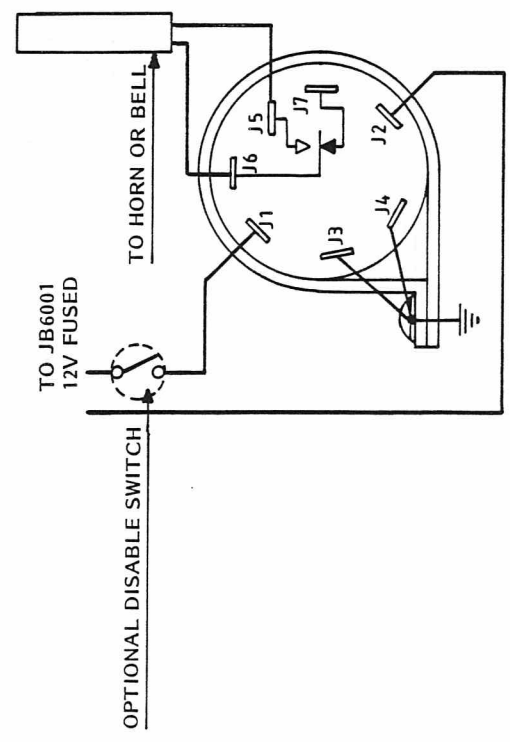
SEE PART LIST X404.120

SWITCH UNIT ASM. SU6002  
K805495G2  
M405.227/2

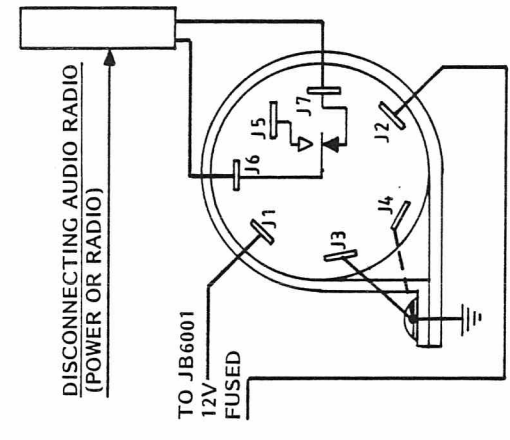


**INSTALLATION FOR CQM6000**

**HORN OR BELL ALARM**



**AUTO RADIO MUTING**



SWITCHING UNIT SU6002

CODE NO. K805495G2

D404.17612

ITEM NUMBER	DESCRIPTION
K805495G2	SWITCH UNIT ASM SU 6002
=====	
K805496G1	SUB. ASM.: - A001: COMPONENT BD PW
J706813G2	SUB. ASM.: - KIT, ASM.- SU 6002
K805204G2	SUB.-SUB. ASM.: -CABLE,- SU 6002

P A R T S L I S T :

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
A001	K805496G1	COMPONENT BD PW	1 (SEE BELOW)
0002	J706685P1	CAN	1
0003	J706813G2	KIT, ASM.- F. SU 6002	1 (SEE BELOW)
0004	J706307P44	NAME PLATE : SU 6002	1
0005	J708301P1	CASTING, PEU RESIN-	0.050 KG
0006	J708301P2	CASTING, PEU RESIN-	0.010 KG

A001 : K805496G1 : COMPONENT BD PW :

C101	A700003P8	CAP TA SOL 22U 20% 16V	1
C102	A700233P7	CAP CER CL2 1N0 20% 50V	1
D101	A700028P1	DIO SI SIG 1N4148	1
E101	J706002P3	CORE TOR FERR	1
E102	J706002P3	CORE TOR FERR	1
E103	J706002P3	CORE TOR FERR	1
J001	J706683P1	TABS RECP L=16.5 MM	1
J002	J706683P1	TABS RECP L=16.5 MM	1
J003	J706683P1	TABS RECP L=16.5 MM	1
J004	J706683P1	TABS RECP L=16.5 MM	1
J005	J706683P1	TABS RECP L=16.5 MM	1
J006	J706683P1	TABS RECP L=16.5 MM	1
J007	J706683P1	TABS RECP L=16.5 MM	1
K101	J708281P1	RELAY OPEN 110R 12V	1
Q101	A700020P1	TSTR PNP SI , BC 558A/B	1
Q102	J706133P1	TSTR NPN MPS-A13	1
R101	A700019P37	RES DEPC 1K0 5% 1/4W	1
R102	A700019P40	RES DEPC 1K8 5% 1/4W	1
R103	A700019P34	RES DEPC 560R 5% 1/4W	1
R104	A700019P52	RES DEPC 18K 5% 1/4W	1

CIRCUIT POSITION	COMPONENT ITEM NUMBER	COMPONENT DESCRIPTION	QUANTITY
R105	A700019P52	RES DEPC 18K 5% 1/4W	1
0002	K8-----P1R0	BD PW., REVISION NO.: 0	1
-----			
0003 :	J706813G2 :	KIT, ASM.- F.: SU 6002 :	
-----			
0001	J706795P5	BRACKET, MOUNTING-	1
0002	A701507P606	SCREW PAN HD SZ-3.5 X 9.6 AB	1
0003	K805204G2	CABLE ASM., F. SU 6002	1 (SEE BELOW)
0004	J706657P1	BOOT, INSULATING-	2
0005	J706684P4	TERM SPADE RECP 6.3MM	2
0006	J708361G1	CABLE ASM., F. SU 6002	2 (SEE BELOW)
-----			
0003 :	K805204G2 :	CABLE ASM., F. SU 6002 :	
-----			
P001	J708069P203	CONN. PWB. FEMALE	1
W001	J706156P1	CABLE	5.0 M
0002	J706657P1	BOOT, INSUL.-	2
0003	J706684P4	TERM. SPADE - RECP. 6.3 MM	2
0004	J706152P5	STRAP, RET.- W. BDL D19 NYL.	1
-----			
0006 :	J708361G1 :	CABLE ASM. , F. SU 6002 :	
-----			
W001	A700167P10	STD. WIRE, 'BLACK'	0,10 M
0001	J708361P1	ASM., CABLE-	1
0002	J706657P1	BOOT, INSULATING-	1
0003	J706684P4	TERMINAL, SPADE RECP 6.3 MM	1
0004	J708378P1	TERMINAL, RING TONGUE-	1