P   Payment Systems

P.1   Adjustments

WHAT:	HOW:
Payment system	Adjustment via programming (see chap. 4)

P.2 Installation

P.2.1 Installation of the Kit 'Housing for Coin and Card Module'

Fig. 1**A**   **B**   **C**   5   4
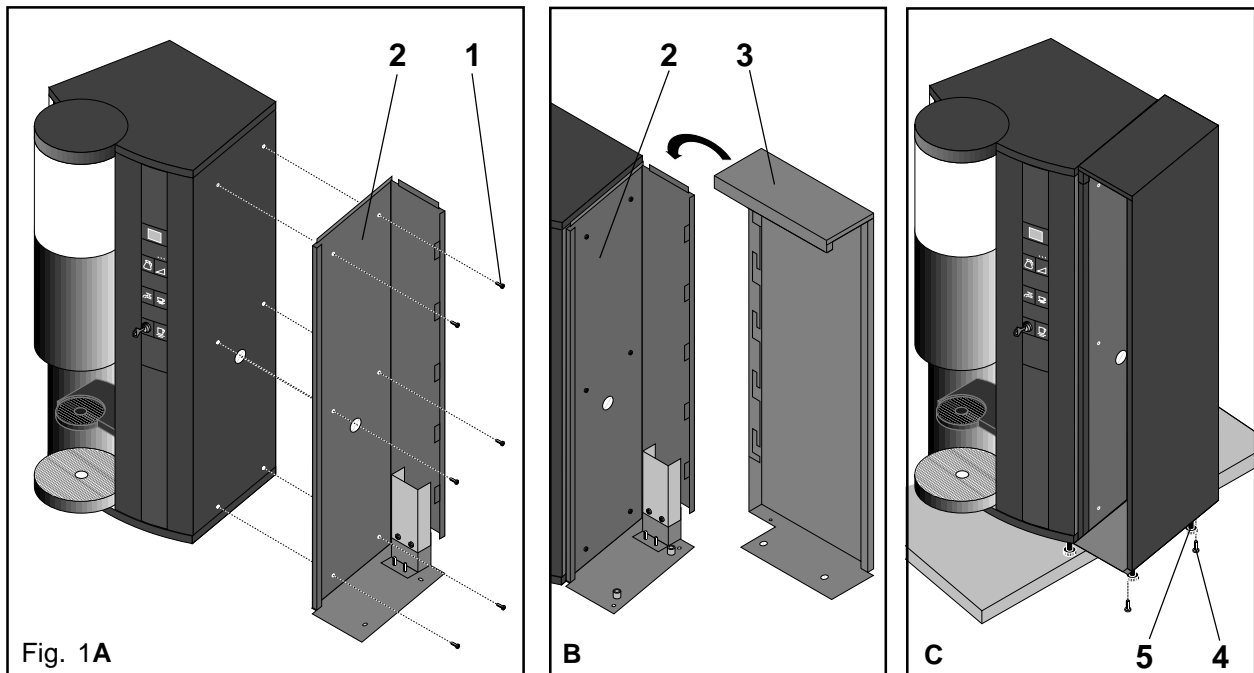
- Disconnect the dispenser from the mains supply.

- Remove the boiler and the power supply unit.

- Fix the drilling gauge on the right housing side.

CAUTION: **When drilling wear protective glasses. Make sure that no chips fall into the dispenser.**

- Drill 6 bores (ø 3.6 mm) in order to fix the left side panel of the coin and card module.

- Make 1 bore (ø 19 mm) with a punching tool (e.g. Rekord puncher) for the cable conduit.

- Remove the drilling gauge.

- Fix the left side panel (**2**) with 6 screws (M4 with washers) (**1**) onto the housing. (Fig. 1A)

- Mount the cable conduit onto the ø 19 mm bore.

- Push the right side panel (**3**) from above into the left side panel (**2**). (Fig. 1B)

- Press the right side panel downwards up to the stop. Make sure that the side panels are correctly fastened.
  Tightly fasten the left and right side panel with 2 screws (**4**) (Fig. 1C)

CAUTION: **Pull the housing over the table edge, so that the screws can be fastened from below.
Do not tilt the dispenser with the module! (Fig. 1C)**

- Screw the dispenser feet (**5**) to the dispenser (Fig. 1C)

- Remove any chips.

- Install all components that were dismounted.

- Now conduct the cable harnesses of the corresponding payment systems through the opening.

- Install the kit for the corresponding payment system.

General instructions:

Do the price labelling on the dispenser as follows:

● Remove the label (**1**) and enter the corresponding price for each beverage by blackening the price label (**2**). (Fig. 2, 3)

Programming

● Depending on the type of the payment system the following adjustments can be made in the menu "Selection of the payment system".

   0 = No payment system
   1 = Mars Cashflow 350
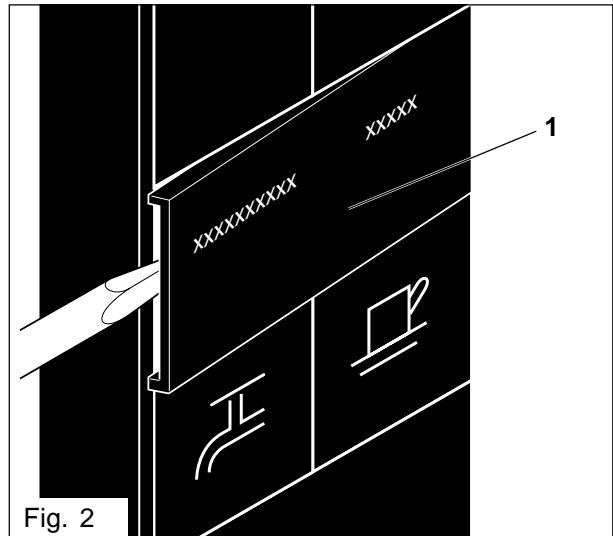   2 = NRJ G 13
   3 = Executive payment system
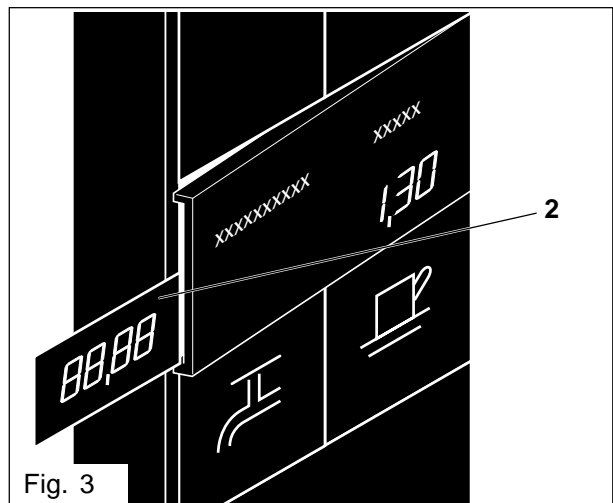

Fig. 2

Fig. 3

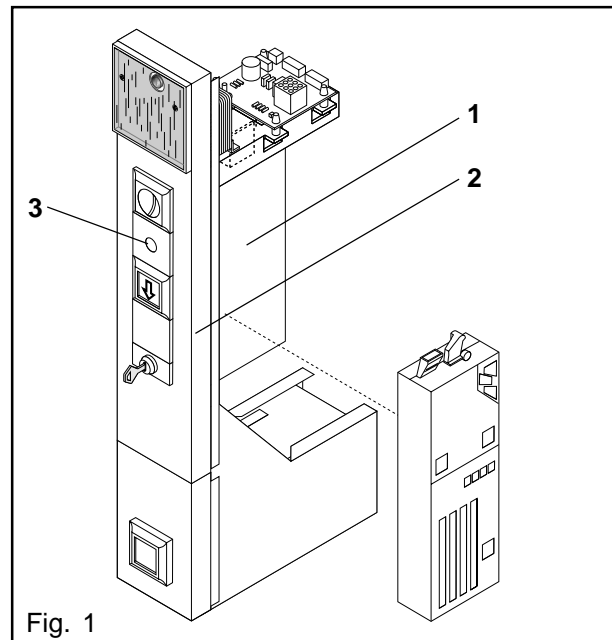## P.2.2 Installation of the Kit 'Coin Changer' Type Mars Cashflow 560
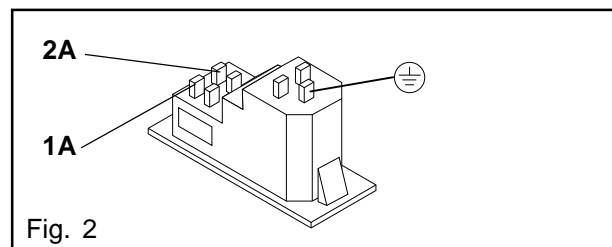

Fig. 1

Fig. 2

to mount the Mars Cashflow 560
(24 V AC supply)

● Observe the special data of the manufacturer with respect to the payment system. (See the documents for the payment system)

● Install the kit 'housing for coin module'. (see chap. P.2.1)

● Push the MCB-Executive Data cable harness (part no. G-6973) through the cable conduit.

● Remove the protective cap over the mains connection.

● Mount the power supply connections 2A and 1A onto the switch by pressing slightly against the switch. (Fig. 2)
Place a protective cap over the mains connection.

● Remove pin 9 from the 15-pole Molex plug on the cable of the coin changer. Put on an insulating sleeve. Plug the socket of the cable harness G-6990 onto the removed plug of pin 9.

● Fasten the coin module on the mounting panel (**1**) of the front insert (**2**). (Fig. 1) Adjust the 3 screws on the mounting panel if necessary. After fastening the coin module has to be connected tightly to the mounting panel.

● Connect the earthed conductor (fig. 2) of the mains connection and of the mounting panel to the left side of the housing (flat plug on top, rear side).

● Connect the MCB-Executive Data cable harness (part no. G-6973) to P8 of the control unit (**1**, fig. 3) and connect the 9 pole Molex socket housing to the 9 pole Molex plug of the coin module.

● Connect the Molex plug connection of the coin module to P7 of the coin interface (**1**). (Fig. 4)

● Make sure, the position of all plug connections is correct. (See block diagram)

● Assemble the dispenser and insert the front insert into the coin module.

● Plug in the power supply plug of the dispenser and the coin module.

● Switch on the coin module and the dispenser.

☞ Disconnect the power supply plug before working on the coin module, coin validator etc. because otherwise the control units may be damaged. This holds in particular when the coin validators are mounted.

● Program a 3 for Executive in the menu "Selection of the payment system".

● Program the price setting for all beverages.

● Check the function of the LED (**3**) "Insert only exact money". (fig. 1) When the tubes of the coin changer are empty the LED shines.

● Mark the prices of the beverages if necessary.
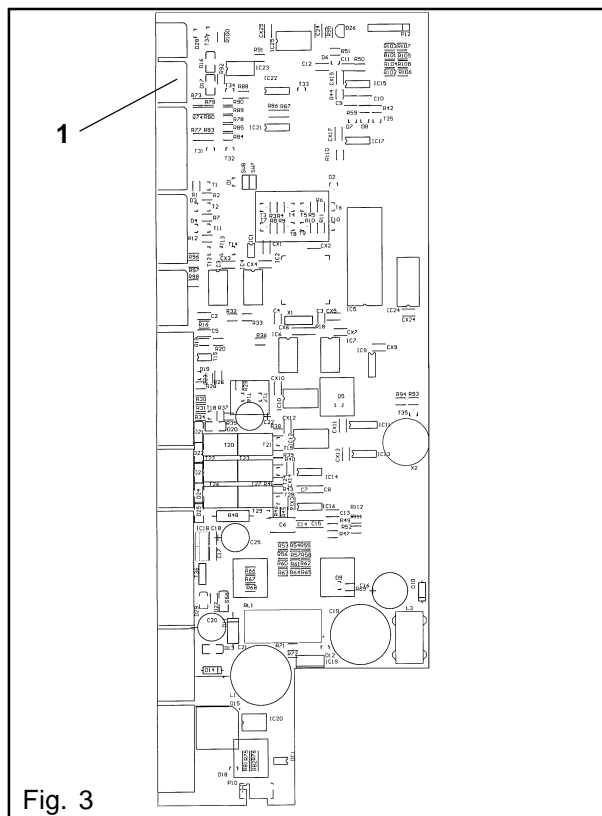
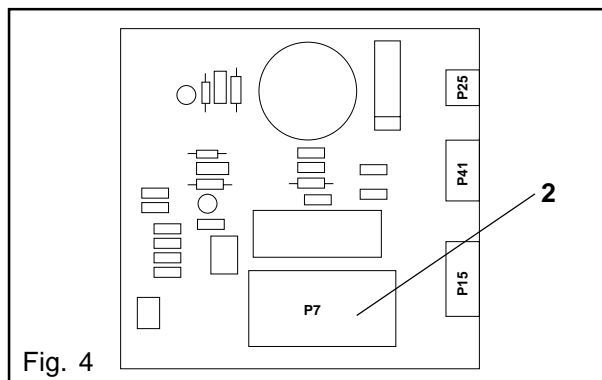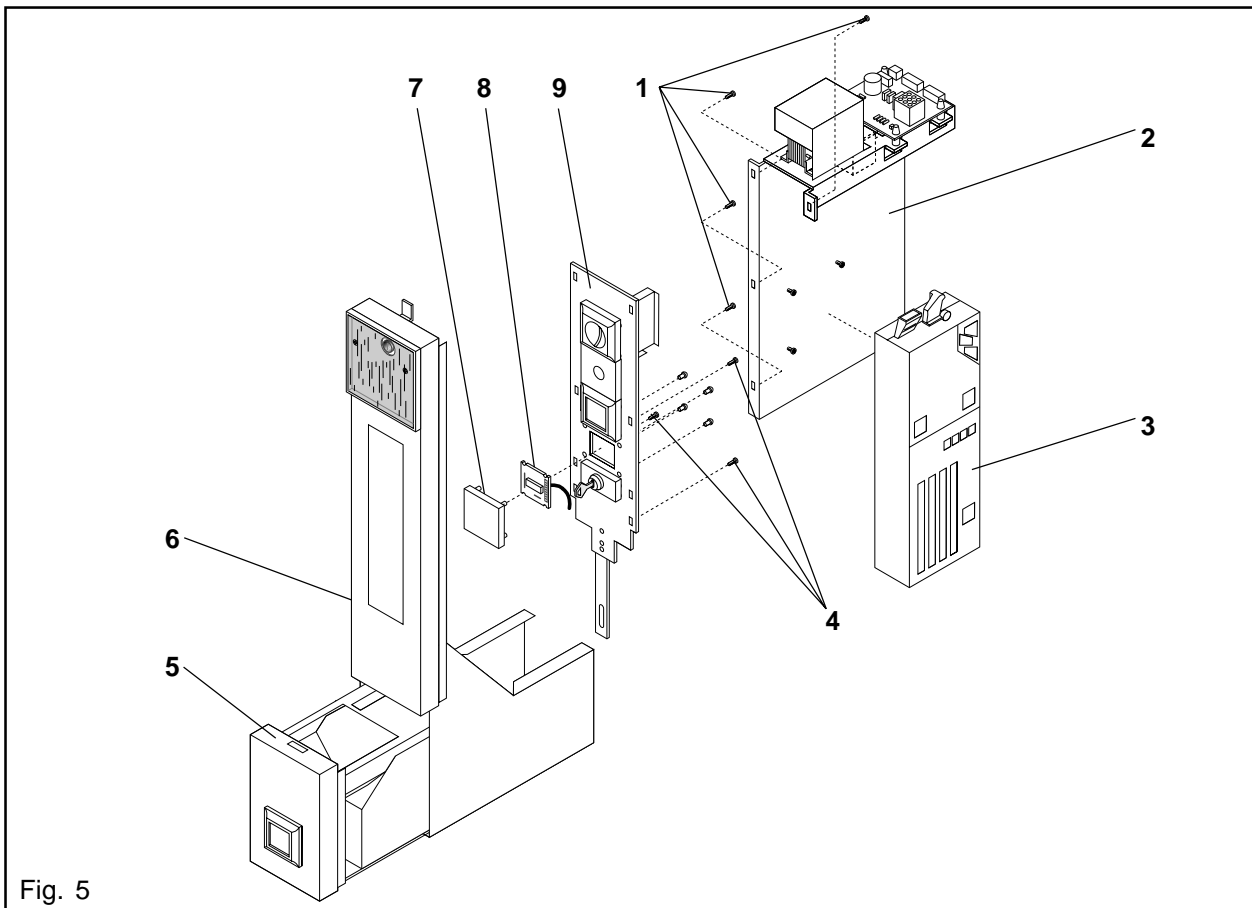● Carry out a functional check.

Fig. 3

Fig. 4

Fig. 5

Installation of the credit display.
(see also chap P.7)

● Remove the front insert (**6**) from the
  housing for the coin module.

● Seperate the connection of the coin module
  (**3**) and remove the coin module.

● Remove the cash-box (**5**) if necessary.

● Remove the mounting panel (**2**) [4 screws
  (**1**)].

● Remove the console (**9**) [3 screws (**4**)].

● Remove 4 rivets from the fastening pins of
  the trim plate (**7**).

● Remove the trim plate from the console by
  pressing from the rear onto the fastening
  pins. This trim plate will not be used any
  longer. It will be replaced by the red
  module.

● Place the credit display (**8**) onto the
  console and fasten it with the red module
  (**7**). (Fig. 5)

● Introduce one rivet into each of the four
  fastening pins of the red module.

● Remount the parts in the reverse order.

● Connect the credit display to the coin
  module.

P.2.3 Installation of the Kit 'Facility-Card System'

to mount the Facility card reader
(24 V AC supply)

- Observe the special data of the
  manufacturer with respect to the payment
  system. (See the documents for the
  payment system.)

- Install the kit 'housing for coin module'. (see
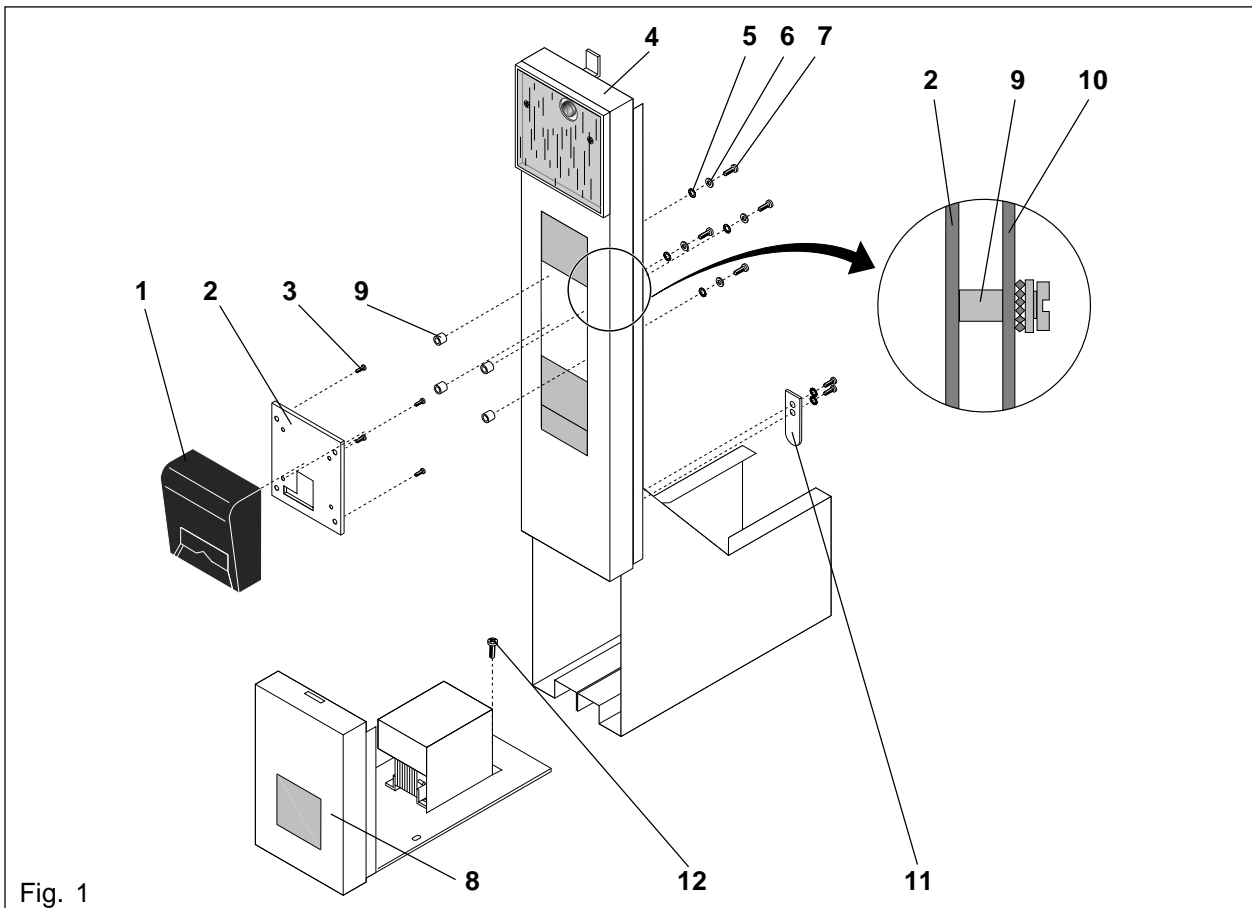 chap. P.2.1)
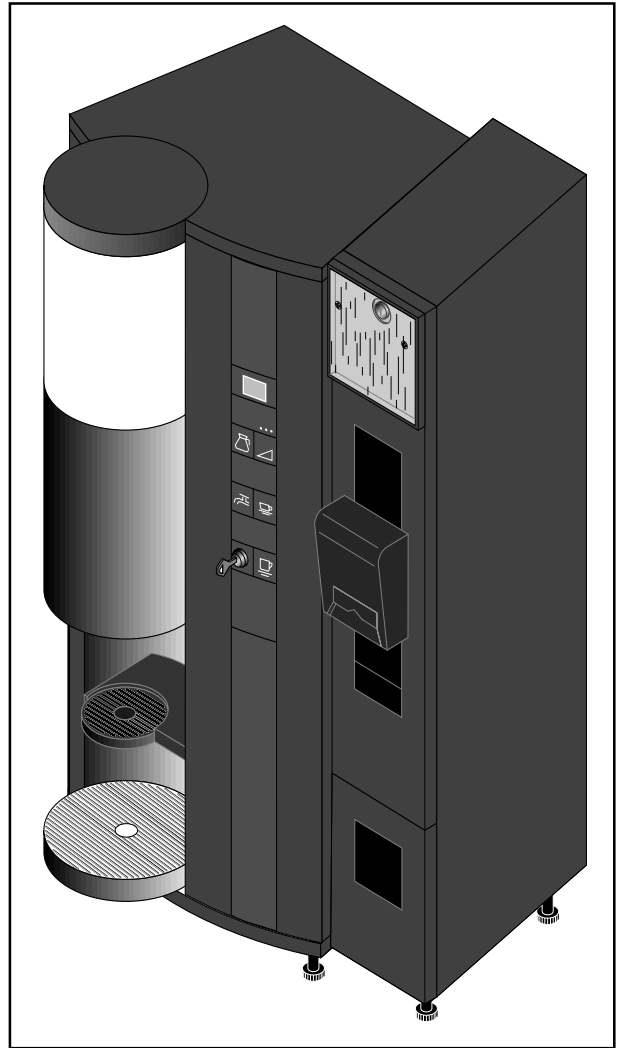
Fig. 1

- Push the MCB-Executive Data cable harness (part no. G-6973) through the cable conduit.

- Unscrew 4 screws (**7**) on the front cover (**2**). Do not remove the screws from the console (**10**). Take care that the distance bushes (**9**) are not lost. Remove the front cover. (Fig. 1)

- Push the cable harness of the card reader through the opening in the front cover.

- Fasten the Facility card reader (**1**) with 4 countersunk screws (**3**) on the front cover (**2**). (Fig. 1)

- Hold the front cover with mounted card reader on the front insert (**4**) and fasten it with 4 screws (**7**), plain washers (**6**) and lock washers (**5**) through the mounted console (**10**) with distance bush (**9**). (Fig. 1)

- Push the bottom insert with transformer (**8**) into the front insert and fasten it with a locking plate (**11**) and screw (**12**). (Fig. 1)

● Connect the earthed conductor of the mains connection and of the front insert to the left side of the housing (flat plug on top, rear side).

● Remove the protective cap from the mains connection.

● Mount the power supply connections 2A and 1A onto the switch by pressing slightly against the switch. (Fig. 2)

● Place a protective cap over the mains connection.

● Connect the MCB-Executive Data cable harness (part no. G-6973) to P8 of the control unit (**1**, fig. 3) and to the card reader.

● Connect the cable harness Executive Power-coin (part no. G-6967) from the transformer to the card reader.

● Make sure the position of all plug connections is correct. (See block diagram)

● Assemble the dispenser and insert the front insert into the coin module.

● Plug in the power supply plug of the dispenser and the coin module.

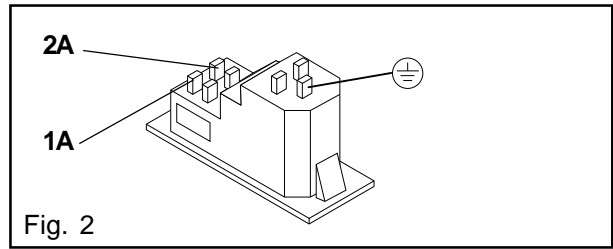● Switch on the coin module and the dispenser.
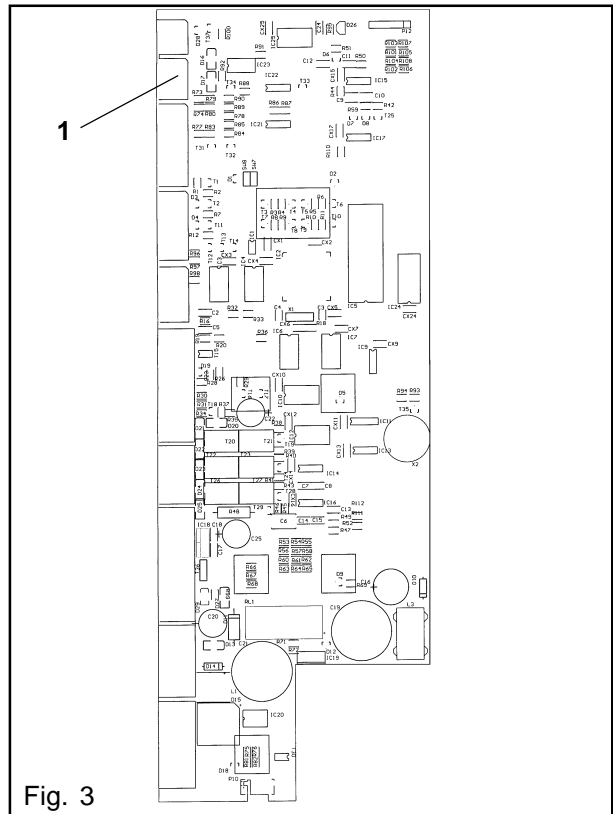
☞ Disconnect the power supply plug before working on the card reader because otherwise the control units may be damaged.

● Program a 3 for Executive in the menu "Selection of the payment system".

● Program the price setting for all beverages.

● Carry out a functional check.

● Mark the prices of the beverages if necessary.

Fig. 2

Fig. 3

P.2.4 Installation of the Kit 'Xafax-Card System'

Installation of the Xafax card reader
(24 V AC supply)

● Observe the special data of the
  manufacturer with respect to the payment
  system. (See the documents for the
  payment system.)

● Install the kit 'housing for coin module'. (see
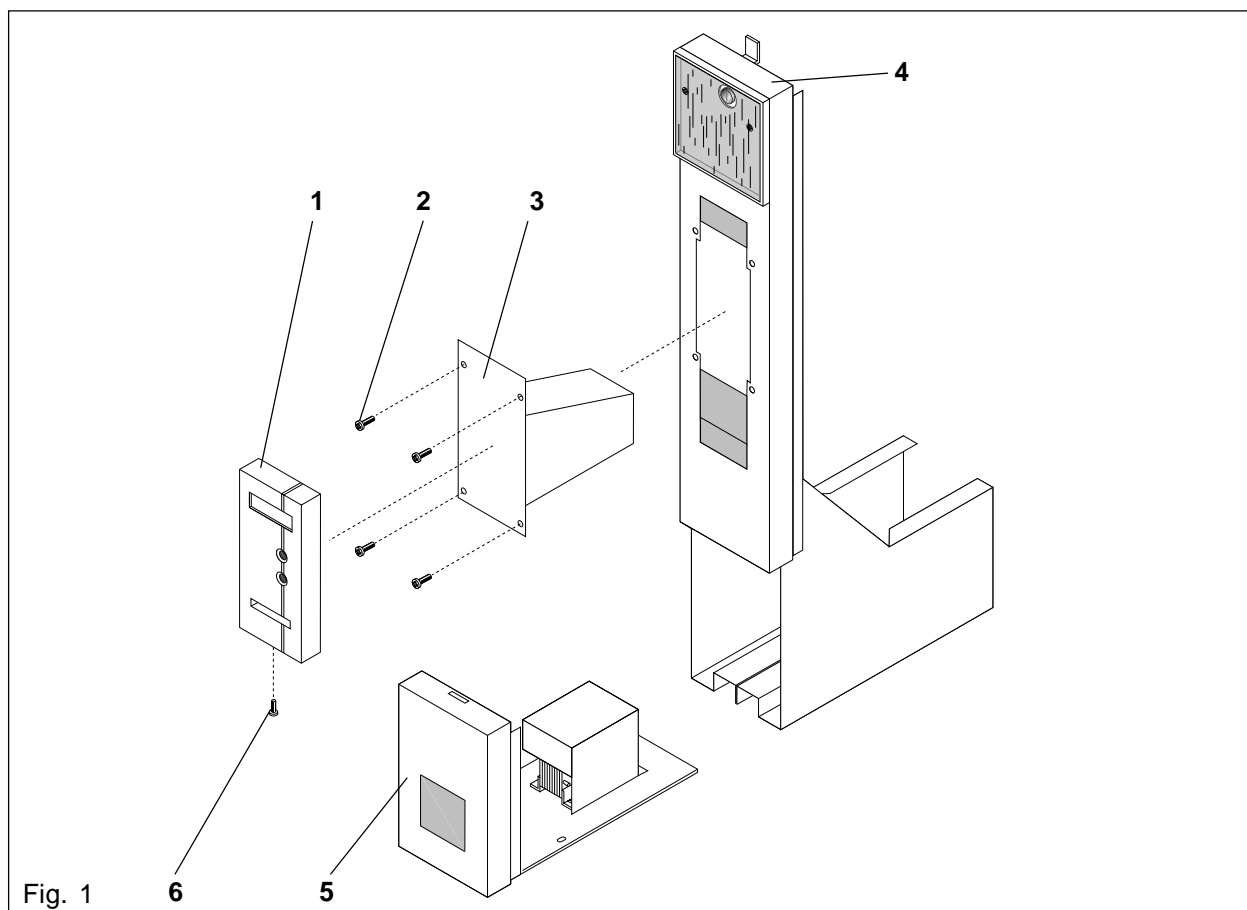 chap. P.2.1)
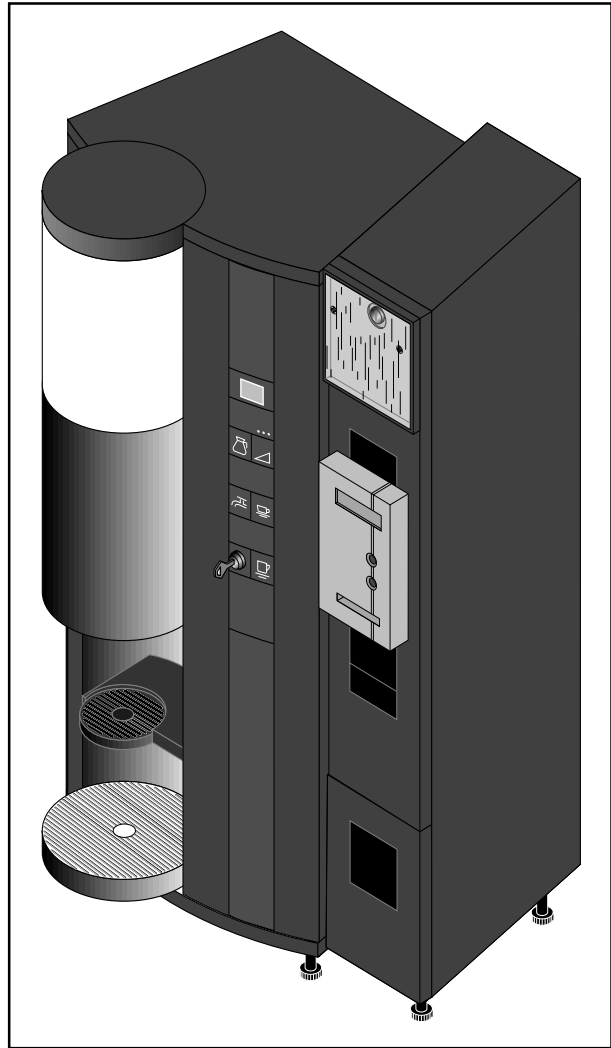
Fig. 1

- Push the cable harness MCB-Executive Data (part no. G-6973) through the cable conduit.

- Remove the screw (**6**). (Fig. 1)

- Lift the panel (**1**) from the Xafax card reader (**3**) and remove it. (Fig. 1)

- Fasten the card reader with 4 screws (**2**) on the front insert (**4**). (Fig. 1)

- Place the panel (**1**) on the card reader and fasten it with the screw (**6**). (Fig. 1)

- Introduce the bottom insert with transformer (**5**) into the front insert and fasten it. (Fig. 1)

● Connect the earthed conductor (fig. 2) of the mains connection and of the front insert to the left side of the housing (flat plug on top, rear side).

● Remove the protective cap from the mains connection.

● Mount the power supply connections 2A and 1A onto the switch by pressing slightly against the switch. (Fig. 2)

● Place a protective cap over the mains connection.

● Connect the MCB-Executive Data cable harness (part no. G-6973) to P8 of the control unit (**1**, fig. 3) and to the card reader.

● Connect the cable harness Executive Power-Coin (part no. G-6967) from the transformer to the card reader.

● Make sure the position of all plug connections is correct. (See block diagram)

● Assemble the dispenser and insert the front insert into the coin module.

● Plug in the power supply plug of the dispenser and the coin module.

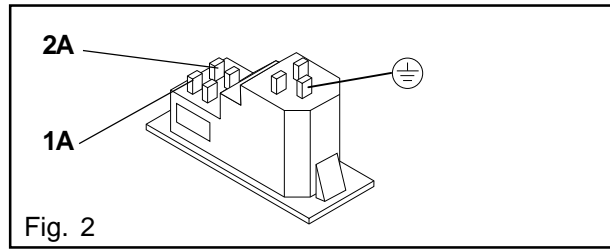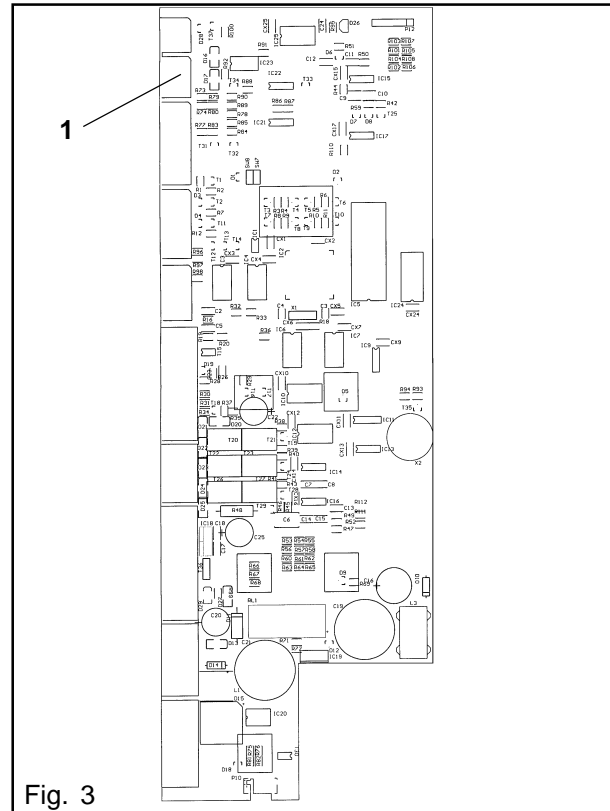● Switch on the coin module and the dispenser.

☞ Disconnect the power supply plug before working on the card reader because otherwise the control units may be damaged.

● Program a 3 for Executive in the menu "Selection of the payment system".

● Program the price setting for all beverages.

● Carry out a functional check.

● Mark the prices of the beverages if necessary.

Fig. 2

Fig. 3

P.2.5 Installation of the Kit 'Girovend-Card System'

Installation of the Girovend card reader
(24 V AC supply)

- Observe the special data of the
  manufacturer with respect to the payment
  system. (See the documents for the
  payment system.)

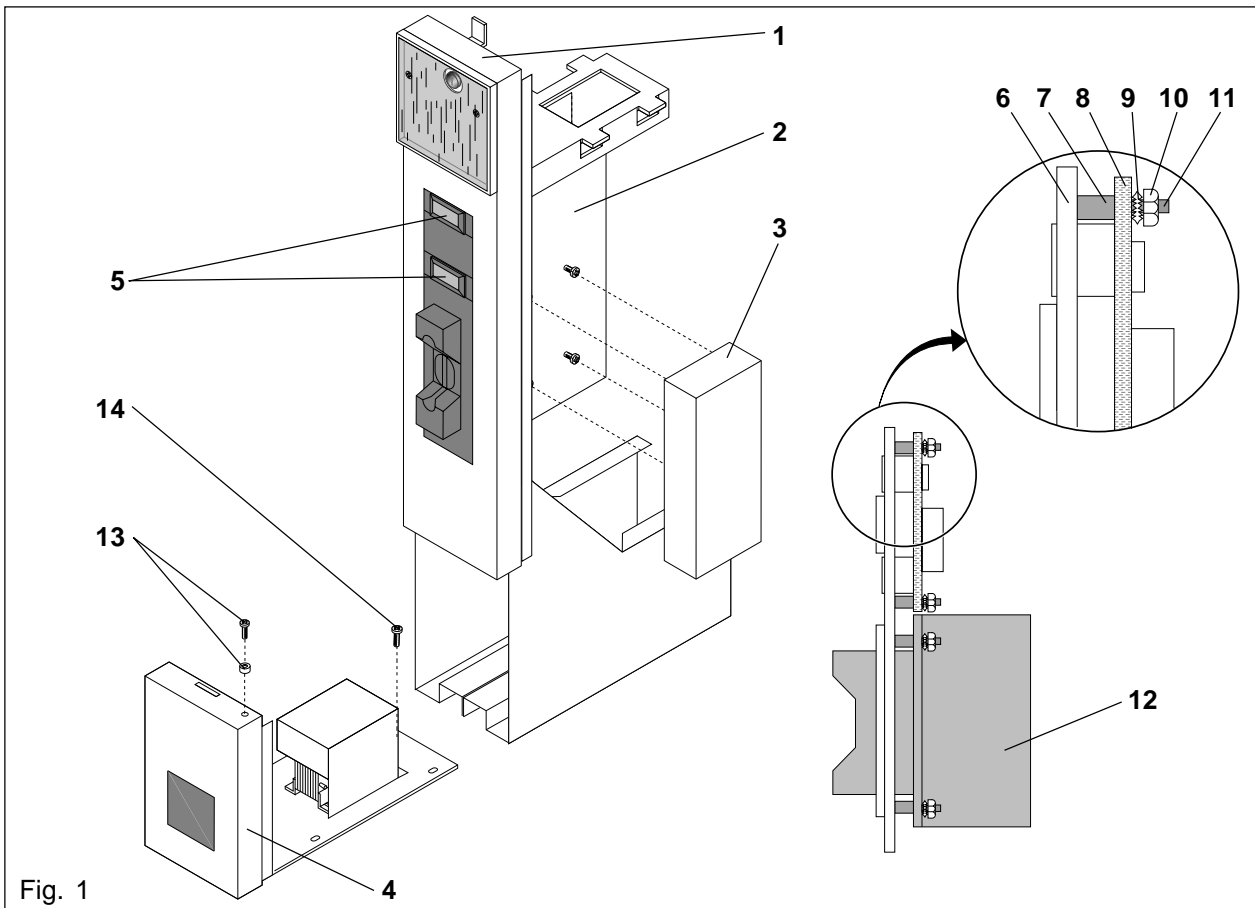- Install the kit 'housing for coin module'. (see
  chap. P.2.1)

5P - 13

Fig. 1

- Push the cable harness MCB-Executive Data (part no. G-6973) through the cable conduit.

- Remove 8 nuts (**10**) and plain washers (**9**) from the front cover (**6**) of the front insert (**1**). (Fig. 1)

  Do not remove the distance bushes (**7**). They serve to maintain the distance between the board and the card reader. (Fig. 1)

- Push the board of the card reader (**8**) onto the upper 4 threaded bolts (**11**) until it stops at the distance bushes. Fasten the board with 4 plain washers and nuts. (Fig. 1)

- Push the card reader (**12**) onto the 4 lower threaded bolts untils it reaches the distance bushes. Fasten the card reader with 4 washers and nuts. (Fig. 1)

- Paste both display frames (**5**) with adhesive, slip them onto the circuit board so that they adhere to it. (Fig. 1)

- Fasten the control unit of the card reader (**3**) on the mounting panel (**2**) of the front insert. (Fig. 1) Adjust the 3 screws on the mounting panel if necessary.
  After fastening the control unit of the card reader has to be fixed tightly to the mounting panel.

- Introduce the bottom insert (**4**) with transformer into the front insert. Mount the screw with insulating cap (**13**) and fasten it with a screw (**14**). (Fig. 1)

● Connect the earthed conductor (fig. 2) of the mains connection and of the mounting panel to the left side of the housing (flat plug on top, rear side).

● Remove the protective cap from the mains connections.

● Make sure that the earthed conductor is connected from the mounting panel to the bottom insert with transformer.

● Mount the power supply connections 2A and 1A onto the switch by pressing slightly against the switch. (Fig. 2)

● Place a protective cap over the mains connection.

● Connect the MCB-Executive Data cable harness (part no. G-6973) to P8 of the control unit (**1**, fig. 3) and to the card reader.

● Connect the cable harness Executive Power-Coin (part no. G-6967) from the transformer to the card reader.

● Make sure the position of all plug connections is correct. (See block diagram)

● Assemble the dispenser and insert the front insert into the coin module.

● Plug in the power supply plug of the dispenser and the coin module.

● Switch the coin module and the dispenser on.
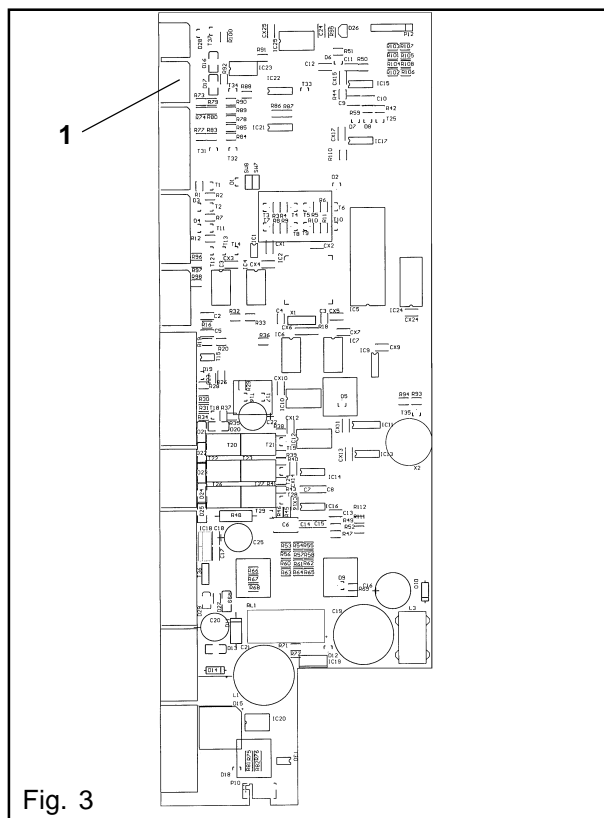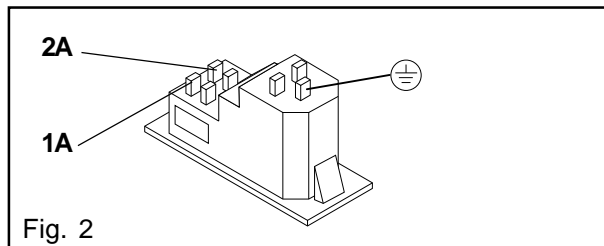
☞ Disconnect the power supply plug before working on the card reader because otherwise the control units may be damaged.

● Program a 3 for Executive in the menu "Selection of the payment system".

● Program the price setting for all beverages.

● Carry out a functional check.

● Mark the prices of the beverages if necessary.

Fig. 2

Fig. 3

P.2.6 Installation of the Kit 'Smartcard-Card System'

Installation of the Smartcard card reader
(24 V AC supply)

● Observe the special data of the
   manufacturer with respect to the payment
   system. (See the documents for the
   payment system.)

● Install the kit 'housing for coin module'. (see
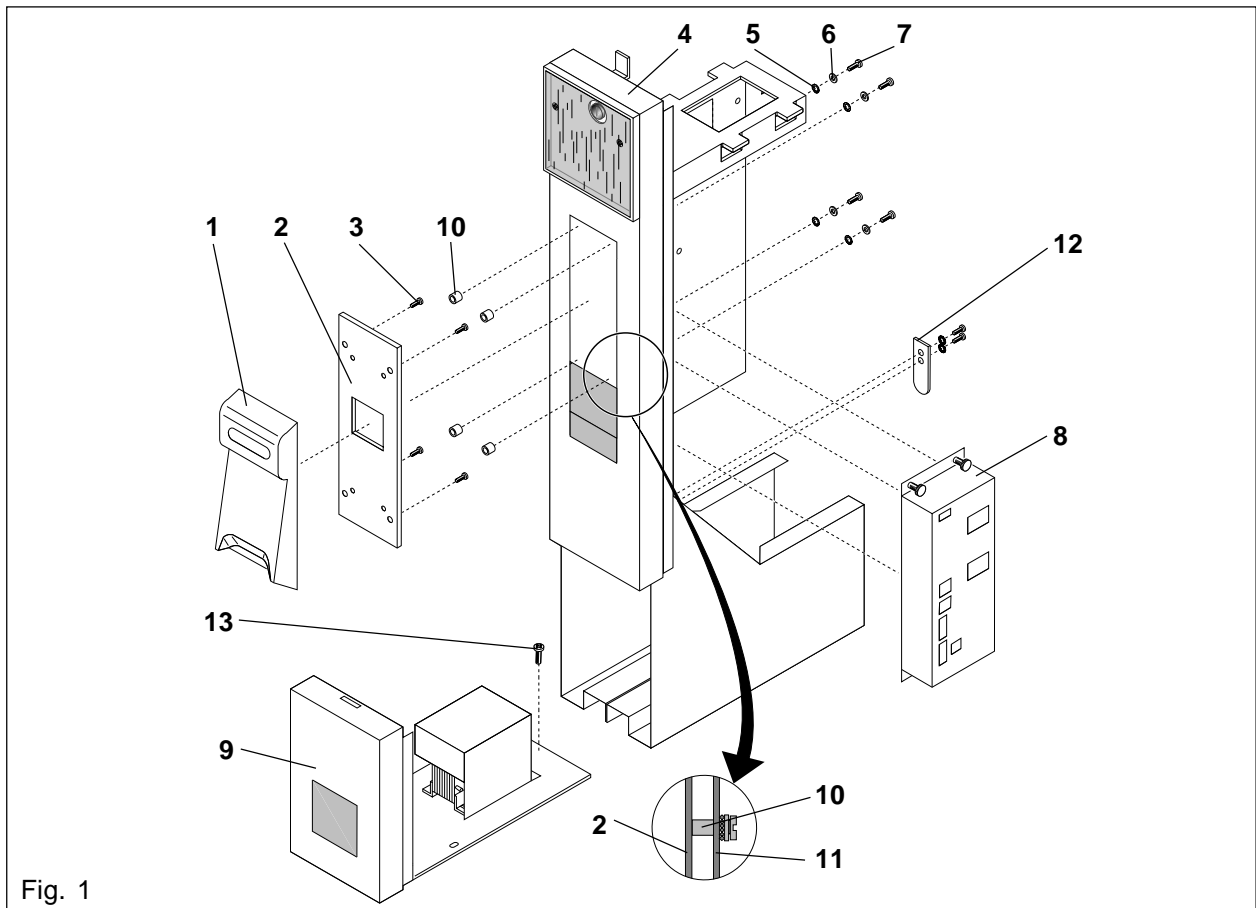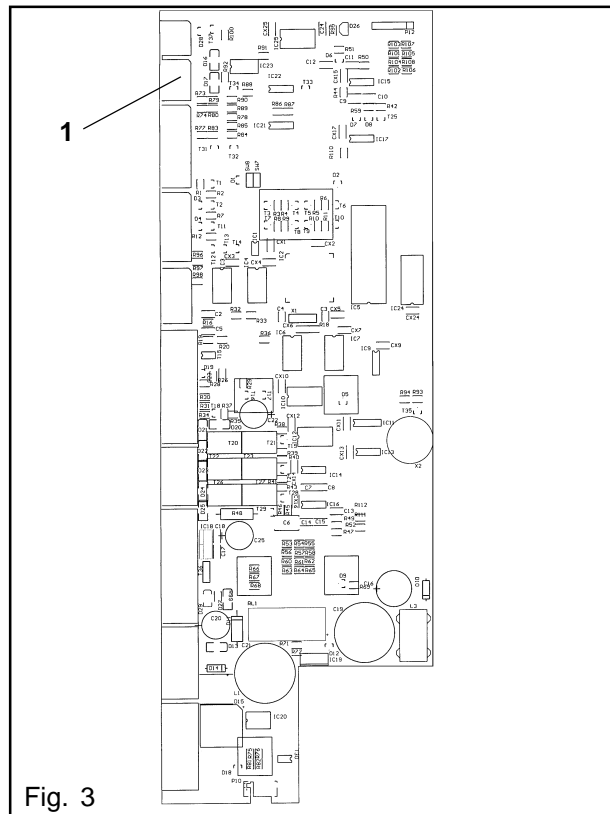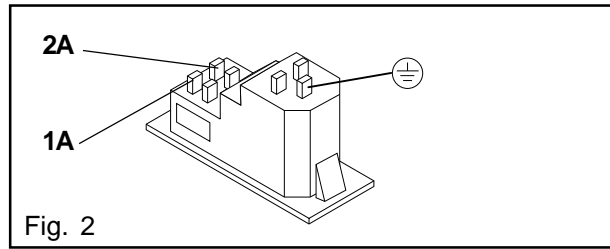   chap. P.2.1)
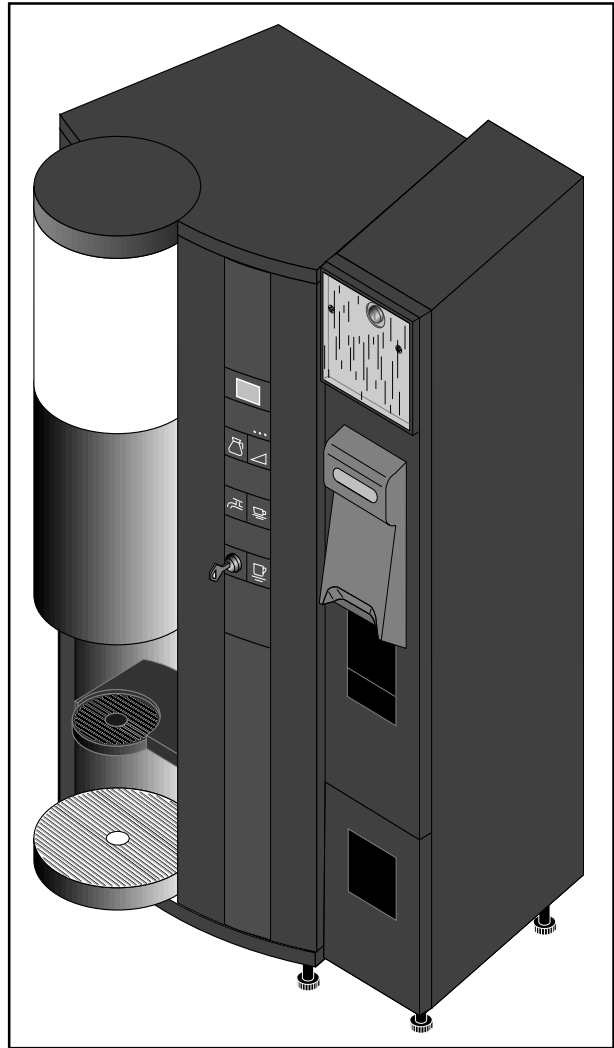
Fig. 1

- Push the MCB-Executive Data cable harness (part no. G-6973) through the cable conduit.

- Unscrew 4 screws (**7**) on the front cover (**2**). Do not remove the screws from the console (**11**). Take care that the distance bushes (**10**) are not lost. Remove the front cover. (Fig. 1)

- Push the cable harness of the card reader through the opening in the front cover.

- Fasten the Smartcard card reader (**1**) with 4 countersunk screws (**3**) on the front cover (**2**). (Fig. 1)

- Hold the front cover with mounted card reader on the front insert (**4**) and fasten it with 4 screws (**7**), plain washers (**6**) and lock washers (**5**) through the mounted console (**11**) with distance bush (**10**). (Fig. 1)

- Fasten the control unit (**8**) of the card reader on the mounting panel of the front insert. Adjust the 3 screws on the mounting panel if necessary. After fastening the control unit of the card reader has to be fixed tightly to the mounting panel.

- Introduce the bottom insert with transformer (**9**) into the front insert and fasten it with a locking plate (**12**) and screw (**13**). (Fig. 1)

● Connect the earthed conductor (fig. 2) of the mains connection and of the mounting panel to the left side of the housing (flat plug on top, rear side).

● Make sure that the earthed conductor is connected from the mounting panel to the bottom insert with transformer.

● Remove the protective cap from the mains connection.

● Mount the power supply connections 2A and 1A onto the switch by pressing slightly against the switch. (Fig. 2)

● Place a protective cap over the mains connection.

● Connect the MCB-Executive Data cable harness (part no. G-6973) to P8 of the control unit (**1**, fig. 3) and to the card reader.

● Connect the cable harness Executive Power-Coin (part no. G-6967) from the transformer to the card reader.

● Make sure the position of all plug connections is correct. (See block diagram)

● Assemble the dispenser and insert the front insert into the coin module.

● Plug in the power supply plug of the dispenser and the coin module.

● Switch on the coin module and the dispenser.

☞ Disconnect the power supply plug before working on the card reader because otherwise the control units may be damaged.

● Program a 3 for Executive in the menu "Selection of the payment system".

● Program the price setting for all beverages.

● Carry out a functional check.

● Mark the prices of the beverages if necessary.

Fig. 2

Fig. 3

P.2.7 Installation of the Kit 'Catercard-Card System'

Installation of the Catercard card reader
(24 V supply)

- Observe the special data of the manufac-
  turer with respect to the payment system.
  (See the documents for the payment
  system.)

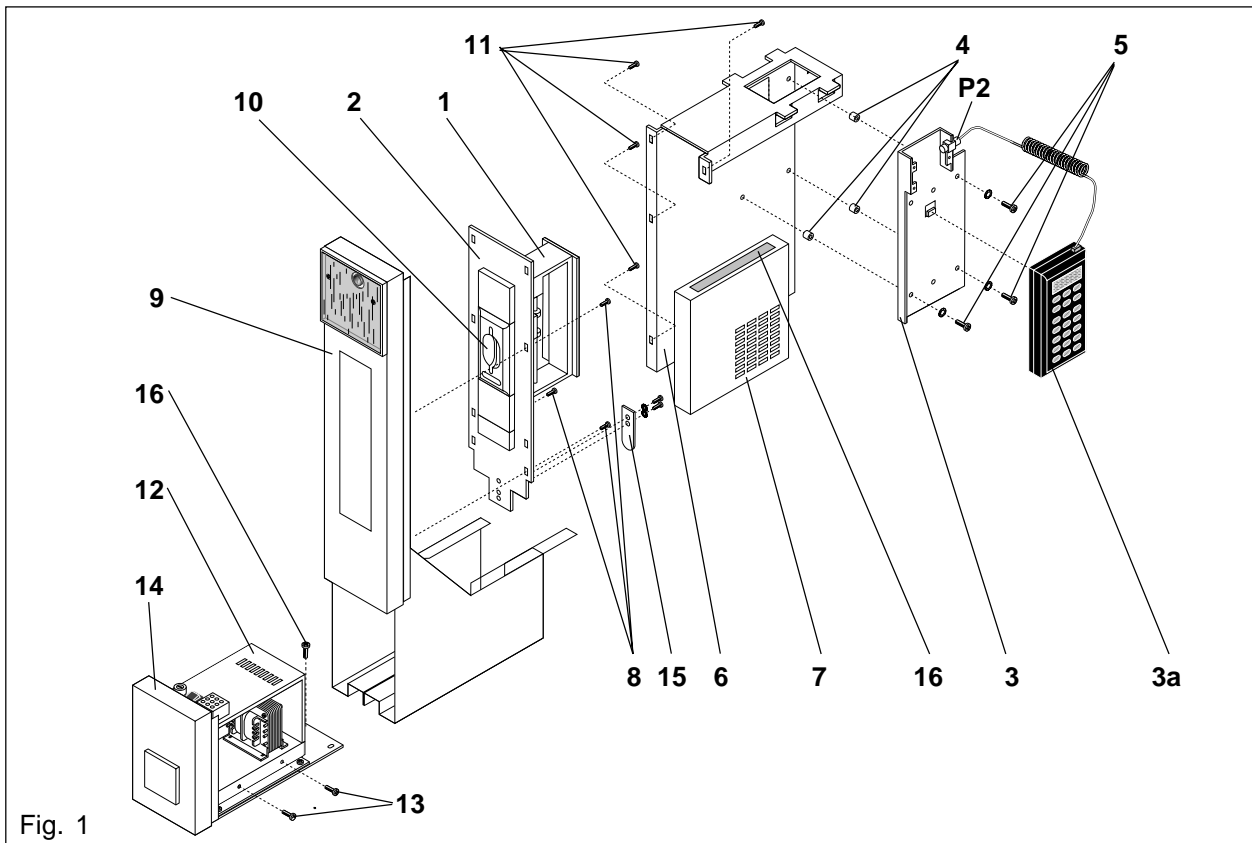- Install the kit 'housing for coin module'. (see
  chap. P.2.1)

Fig. 1

● Remove the mounting panel (**6**) and the console for Catercard (**2**). (fig. 1)

● Push the MCB-Executive Data cable harness (part no. G-6973) through the cable conduit.

● Fasten the card reader (**1**) with 3 screws at the console (**2**) for catercard. (Fig. 1)

● Disconnect the Mastermodul (**3a**) from the base plate (**3**) and disconnect the plug **P2**. Fix the base plate (**3**) with 3 distance tubes (**4**) and screws with washers (**5**) on the mounting panel (**6**).
The distance tubes between the base plate and the mounting panel serve to keep the distance. (Fig. 1)

● Remove the cover of the P.S.U. (**7**) with the board (4 screws). (Fig. 1)

● Fix the lower housing part of the P.S.U. with 3 screws with washers at the mounting panel. (Wiring side (**16**) to the top)

● Fasten the console (**2**) for card readers [together with card reader (**1**)] with 3 screws (**8**) at the front insert (**9**).
Make sure that the operating elements (**10**) are aligned correctly in the gap of the front insert. (Fig. 1)

● Fasten the mounting panel (**6**) (together with the P.S.U.) with 4 screws M4x8 (**11**) at the front insert. (Fig. 1)

● Connect the plug **P2** and the Mastermodul.

● Fasten the power supply (**12**) with 2 screws (**13**) at the power supply support on the bottom insert. (Fig. 1)

● Push the bottom insert (**14**) with power supply into the front insert (**9**) and fasten it with a locking plate (**15**) and screw (**16**). (Fig. 1)

● Connect the wiring of the P.S.U.

● Remount the cover of the P.S.U. with the board into the lower housing part.

● Connect the earthed conductor (fig. 2) from the mains connection to the left housing side (flat plug on top, rear side).

● Connect the earthed conductor of the mains connection (3 pole Molex plug) to the left side of the coin module housing (flat plug on top, rear side).

● Connect the earthed conductor from the cable of the power supply unit and the P.S.U. to the ground plug of the P.S.U. (housing).

● Remove the protective cap from the mains connection.

● Plug one side of the cable harness Catercard as a power cable 2A and 1A to the
power switch. Connect the other side to the power cable adapter.

● Connect the power supply connection of the power switch (3 pole Molex plug) to the power supply of the Catercard card system.

● Place a protective cap over the mains connection.

● Connect the MCB-Executive Data cable harness (part no. G-6973) to P8 of the control unit (**1**, fig. 3) and P77 of the card reader.

● Make sure the position of all plug connections is correct.

● Assemble the dispenser and insert the front insert into the coin module.

● Plug in the power supply plug of the dispenser and the coin module.
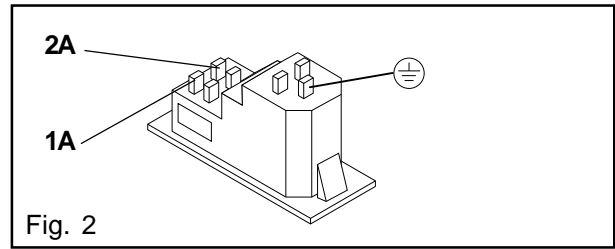
● Switch on the coin module and the dispenser.

☞ Disconnect the power supply plug before working on the card reader because otherwise the control units may be damaged.
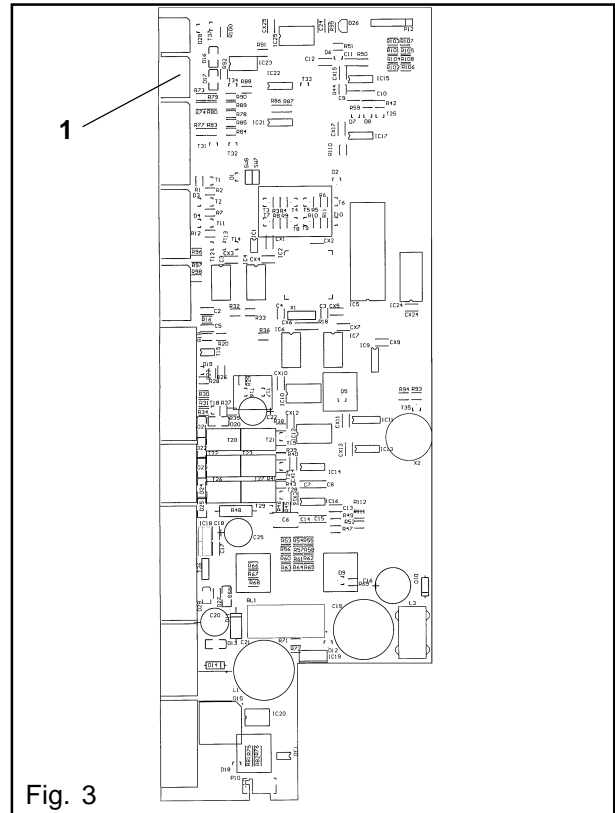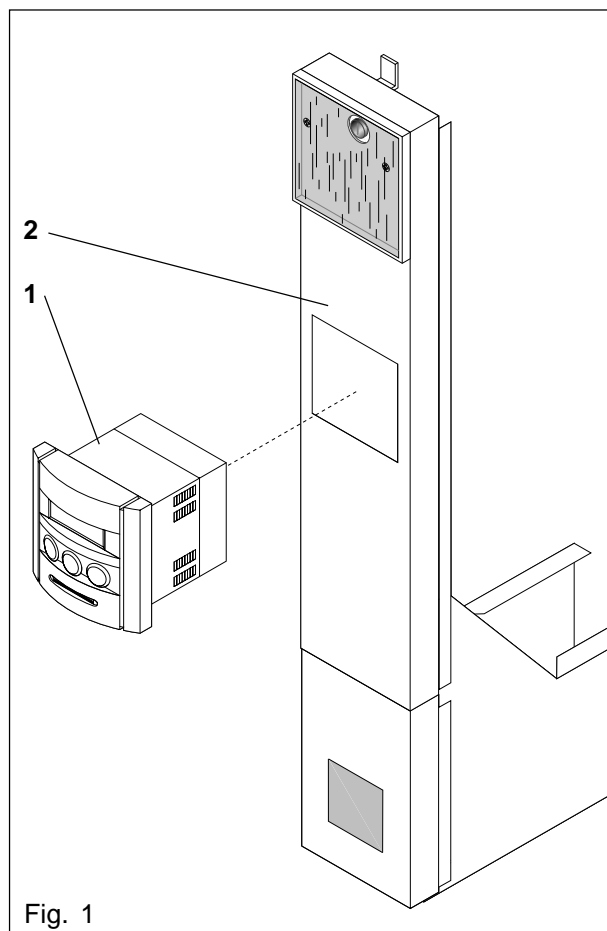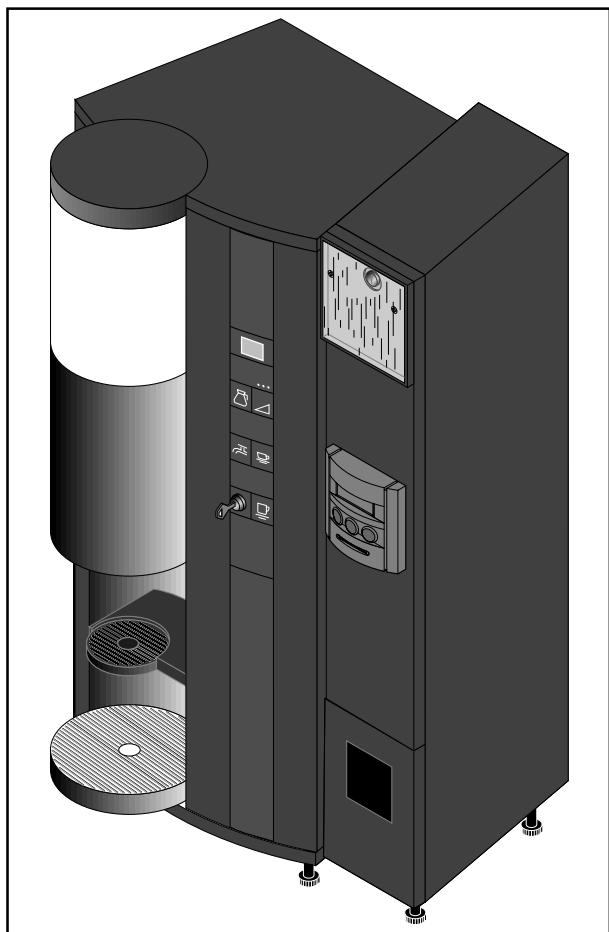

Fig. 2

Fig. 3

● Program a 3 for Executive in the menu "Selection of the payment system".

● Program the price setting for all beverages.

● Carry out a functional check.

● Mark the prices of the beverages if necessary.

P.2.8 Installation of the Kit 'C-Zam'

Fig. 1

Installation of the C-Zam card reader
(24 V AC supply)

● Observe the special data of the
  manufacturer with respect to the payment
  system. (See the documents for the
  payment system.)

● Install the kit 'housing for coin module'. (see
  chap. P.2.1)

● Push the MCB-Executive Data cable
  harness (part no. G-6973) through the cable
  conduit.

● Fasten the card reader to the front cover
  (**2**) (Fig. 1)

● Connect the earthed conductor (fig. 2) of the mains connection and of the front cover to the left and right side of the housing (flat plug on top, rear side).

● Remove the protective cap from the mains connection.

● Mount the power supply connections 2A and 1A onto the switch by pressing slightly against the switch. (Fig. 2)

● Place a protective cap over the mains connection.

● Connect the MCB-Executive Data cable harness (part no. G-6973) to P8 of the control unit (**1**, fig. 3) and to the card reader.

● Connect the cable harness Executive Power-Coin (part no. G-6967) from the transformer to the card reader.

● Make sure the position of all plug connections is correct. (See block diagram)

● Assemble the dispenser and insert the front cover into the coin module.

● Lock the front cover, remove the key and mark the prices (2 screws).

● Plug in the power supply plug of the dispenser and the coin module.
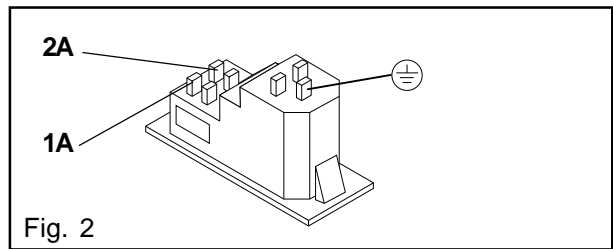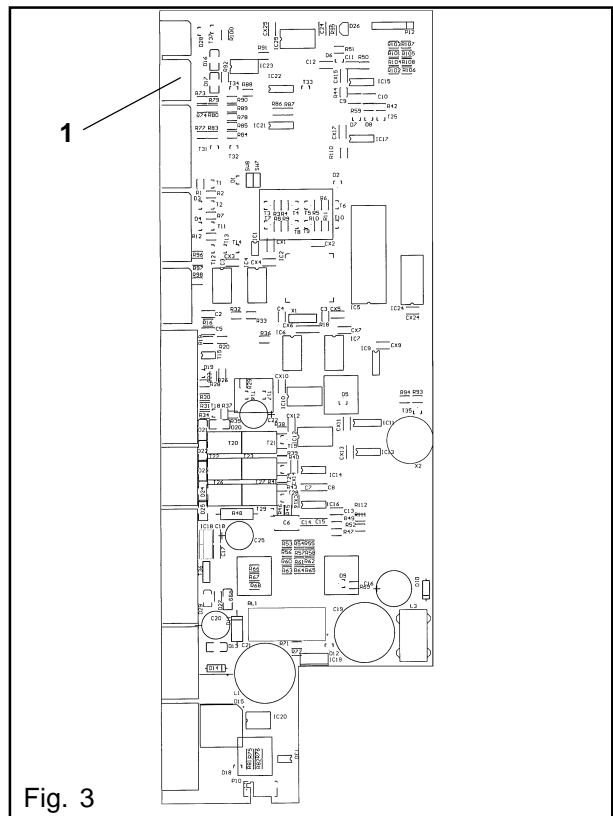
● Switch on the coin module and the dispenser.

☞ Disconnect the power supply plug before working on the card reader because otherwise the control units may be damaged.

● Program a 3 for Executive in the menu "Selection of the payment system".

● Program the price setting for all beverages.

● Carry out a functional check.

● Mark the prices of the beverages if necessary.

Fig. 2

Fig. 3

P.2.9 Installation of the Kit 'Internal Coin Module and Key Switch'

● Open the left door.

● Switch off the main switch, disconnect the power supply plug and close the water cock.

● Open the right door.

● Remove the product container. (see chap. D.2)

● Remove the bottom front cover (**1**). (Fig. 1)

● Remove the cover (**2**) in the separating wall. (Fig. 1)

● Remove the cover from the door.

● Install the new lower front cover(**3**) from the kit. (Fig. 2)

● Install the new cover for coin modules from the kit.

● Insert the key switch from the inside into the operating panel for coin modules and fasten it with two screws.

● Install the coin module into the door.

● Connect the coin module to P7 on the electronic control. (see chap. K.3)

● Connect the key switch 'Gratis stop' to P10 on the electronic control. (see chap. K.3)

● Insert the cash box.

● Mount the new price labels. Mark the prices according to the customer's requirements by blackening the bars that are not needed.
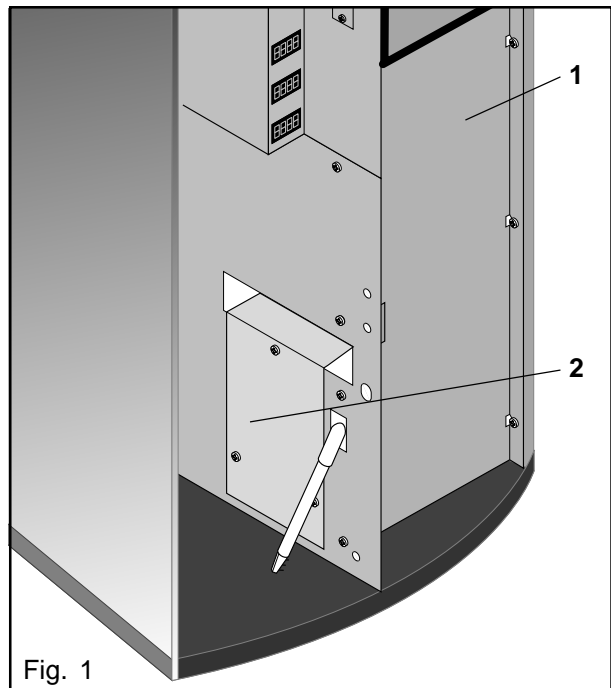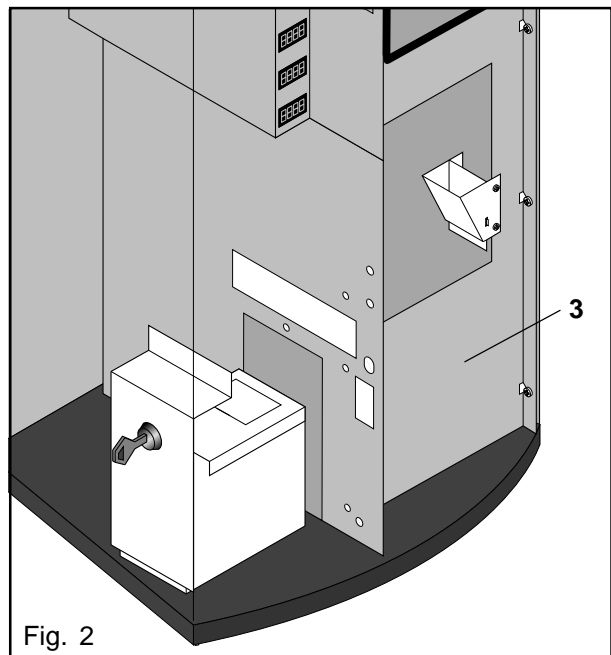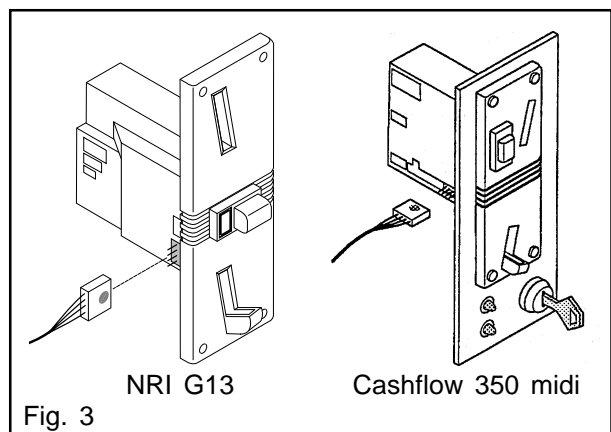

Fig. 1

Fig. 2

NRI G13   Cashflow 350 midi

Fig. 3