

ASSEMBLY 10 RL PC 80mm P/N.- C13986005

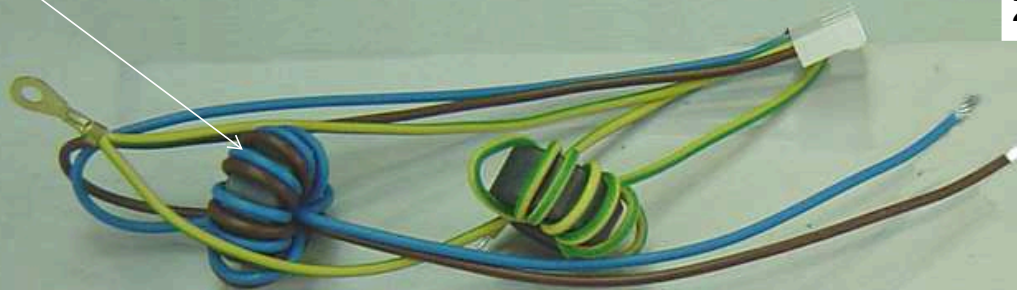


## **GUIDELINE ASSEMBLY 10 RL PC 80mm P/N.- 13986005**

1. ASSEMBLY BASE AND POWER ENTRY
2. ASSEMBLY POWER SUPPLIES AND SWITCH BOARD
3. ASSEMBLY SET LOAD CELL P/N.- 97003239
4. ASSEMBLY PC BOARD, RAM, HARD DISK AND CONNECTION BADGE 5.- COM
- 5.- CONNECT CABLES
6. ASSEMBLY SET LABEL PRINTER
7. ASSEMBLY HOUSING
8. ASSEMBLY BACK MONITOR
9. ASSEMBLY UP CROSS
- 10.- ASSEMBLY LABEL PRINTER DOOR, COVER AND PAN SCALE
11. FINISH

# 1.- ASSEMBLY BASE AND POWER ENTRY (COMPONENTS )

P/N.-  
90113962



P/N.-  
90113993  
(CUT TO  
250 mm )



P/N.-  
99006101



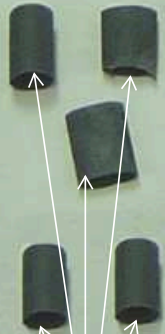
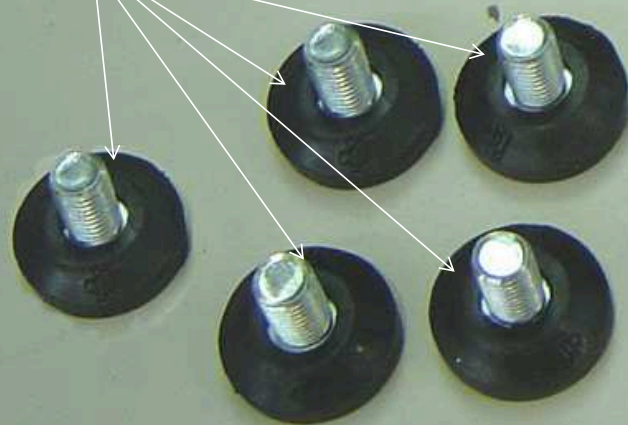
P/N.-  
73100002  
(2)



P/N.-  
72054018  
4X10 (2)



P/N.-  
72091035  
(5)



P/N.-  
79900063  
(5)



P/N.-  
90006017

# 1.- ASSEMBLY BASE AND POWER ENTRY (COMPONENTS )

P/N.-  
71002304



# 1.- ASSEMBLY BASE AND POWER ENTRY (COMPONENTS )

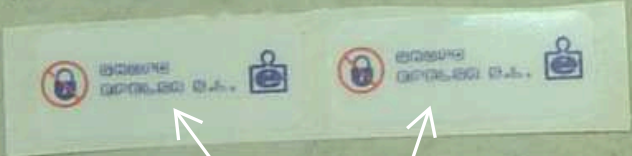
P/N.- 70000456

P/N.-  
70000546

P/N.- 70010205

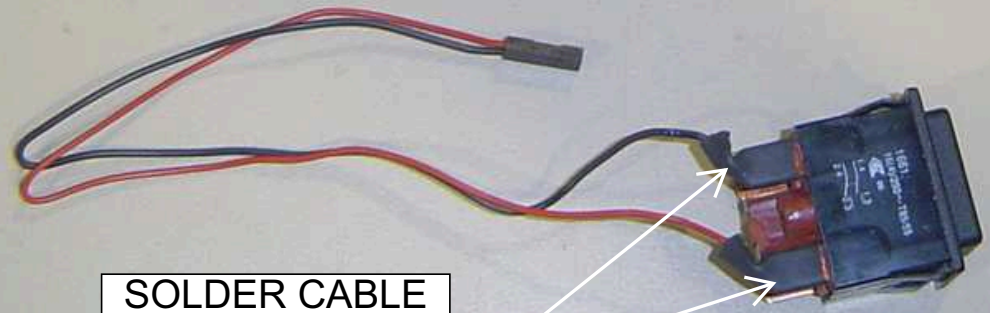
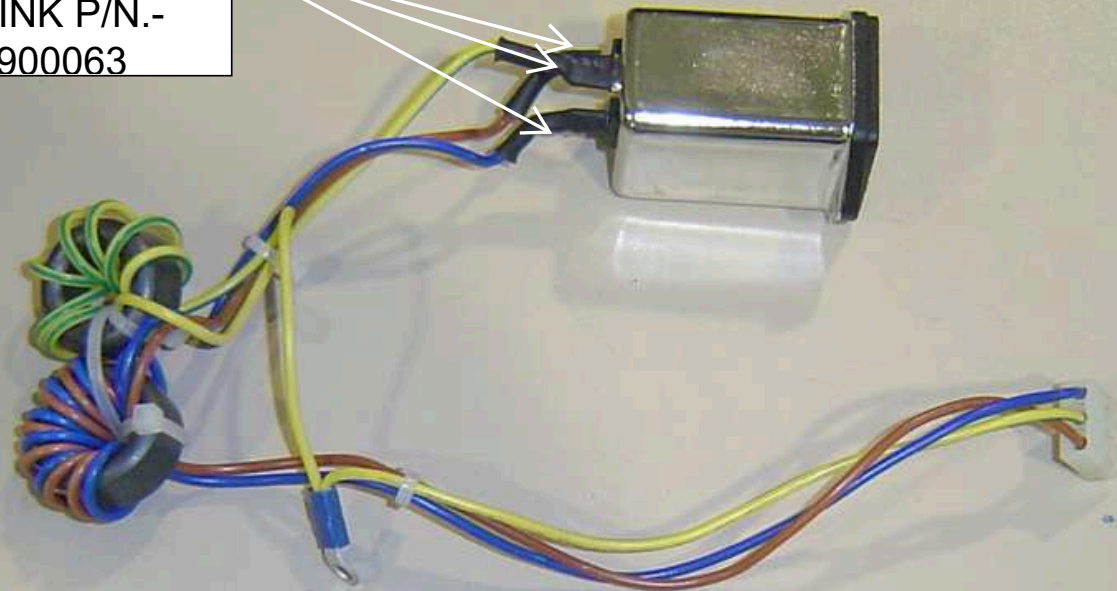


FUSE 3A

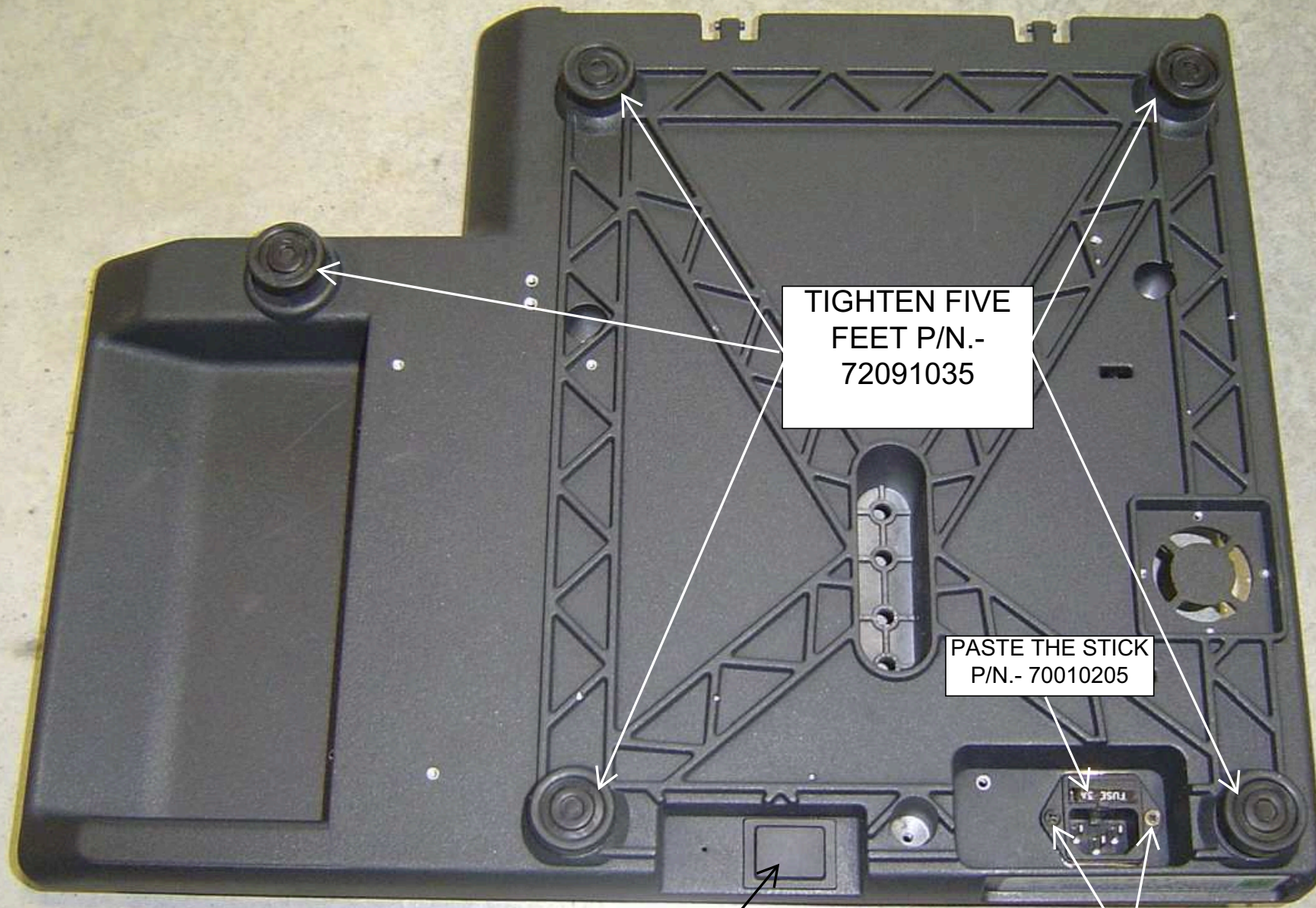


P/N.- 70010155 (2)

SOLDER THE  
CABLE P/N.-  
90113962 PUTTING  
SHRINK P/N.-  
79900063



SOLDER CABLE  
P/N.- 90113993  
(CUT TO 250 mm)  
IN PUSH P/N.-  
99006101  
PUTTING SHRINK  
P/N.-79900063



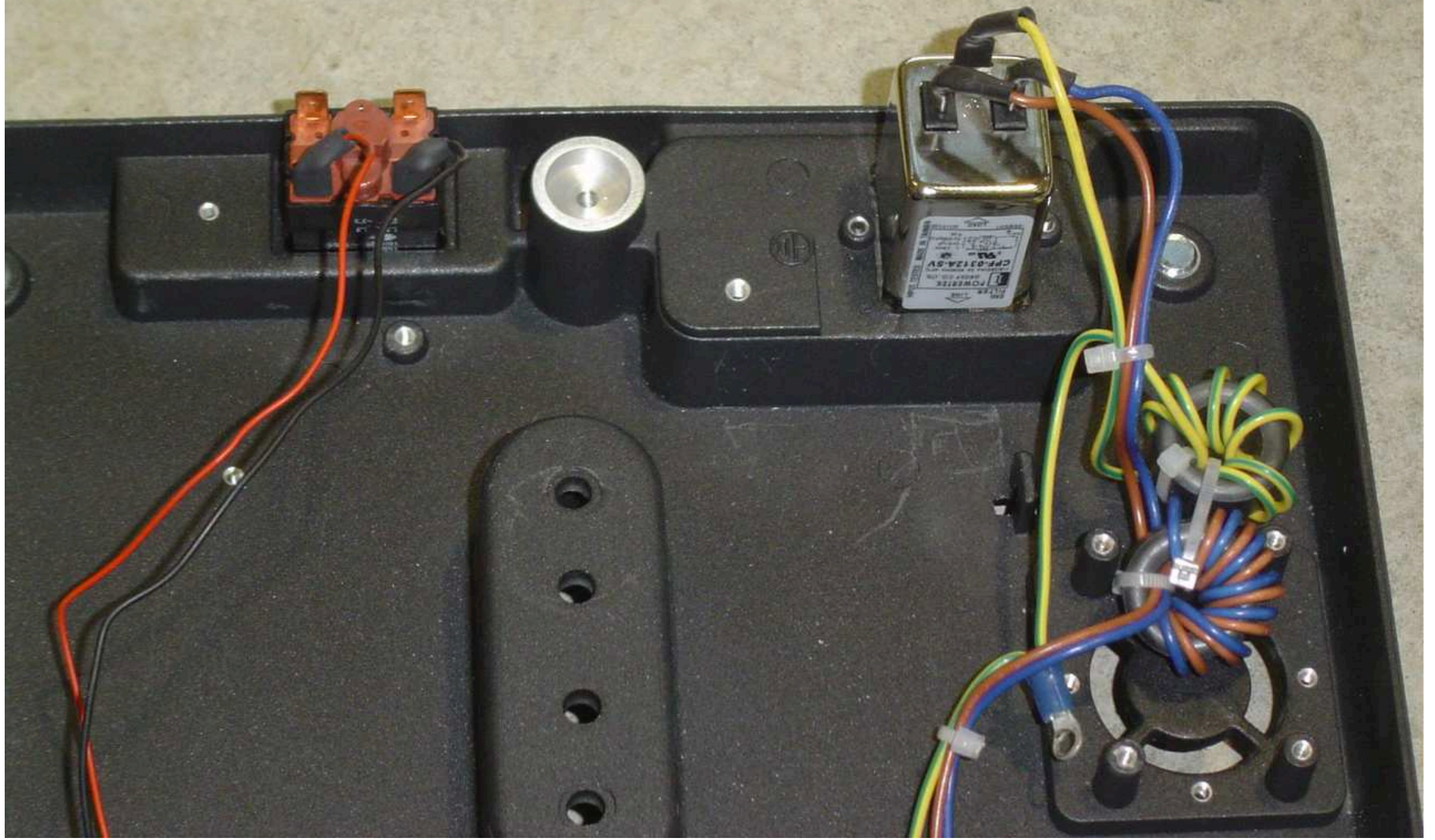
TIGHTEN FIVE  
FEET P/N.-  
72091035

PASTE THE STICK  
P/N.- 70010205

PASS THE CABLE THROUGH THE HOLE  
AND ASSEMBLY ON /OFF PUSH P/N.-  
99006101

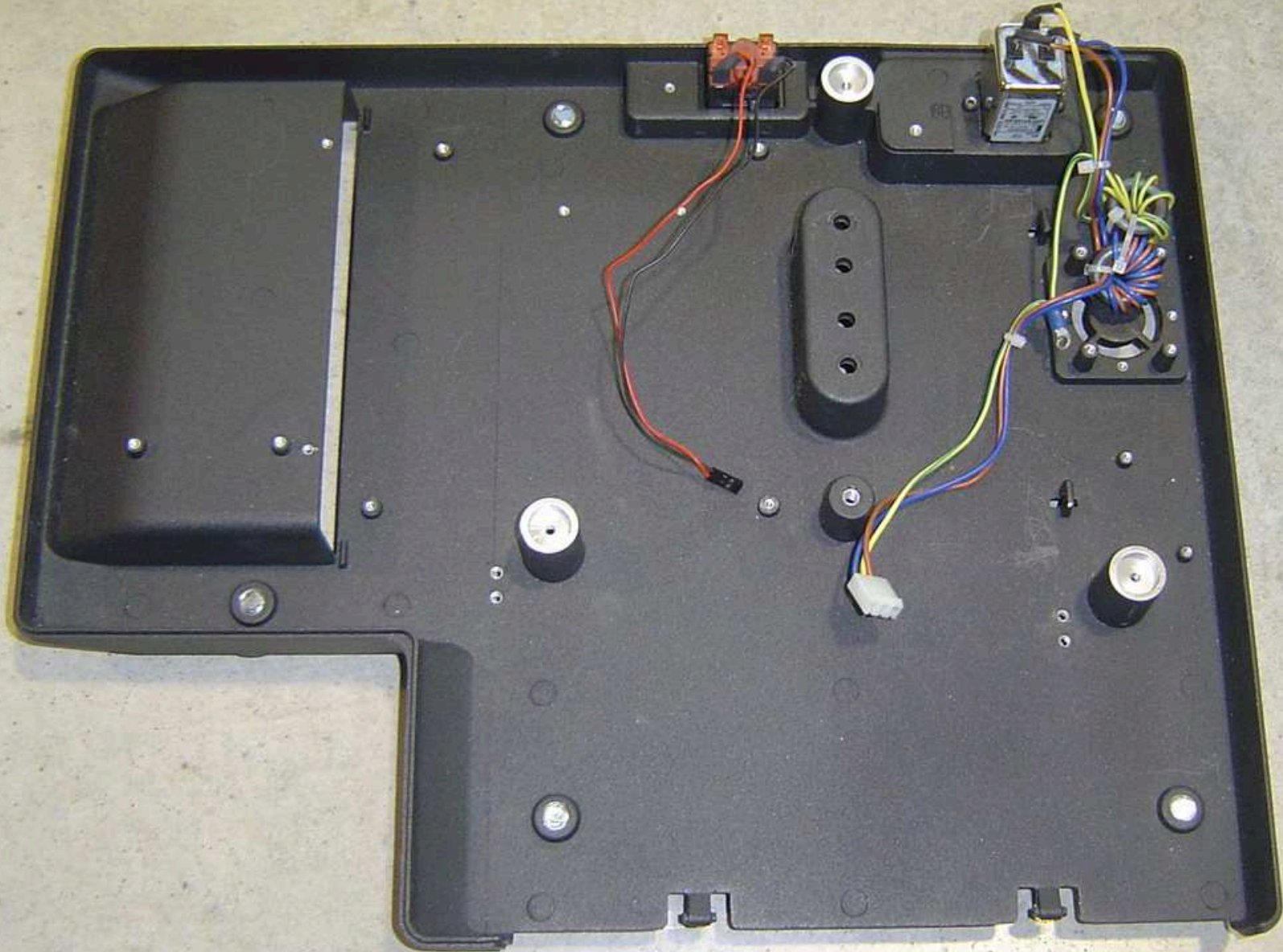
PASS TEH CABLE THROUGH THE  
HOLE AND HOLD THE POWER  
INPUT P/N.-90006017 WITH 2  
SCREWS P/N.-72054018

DETAIL OF THE PUSH  
AND POWER INPUT

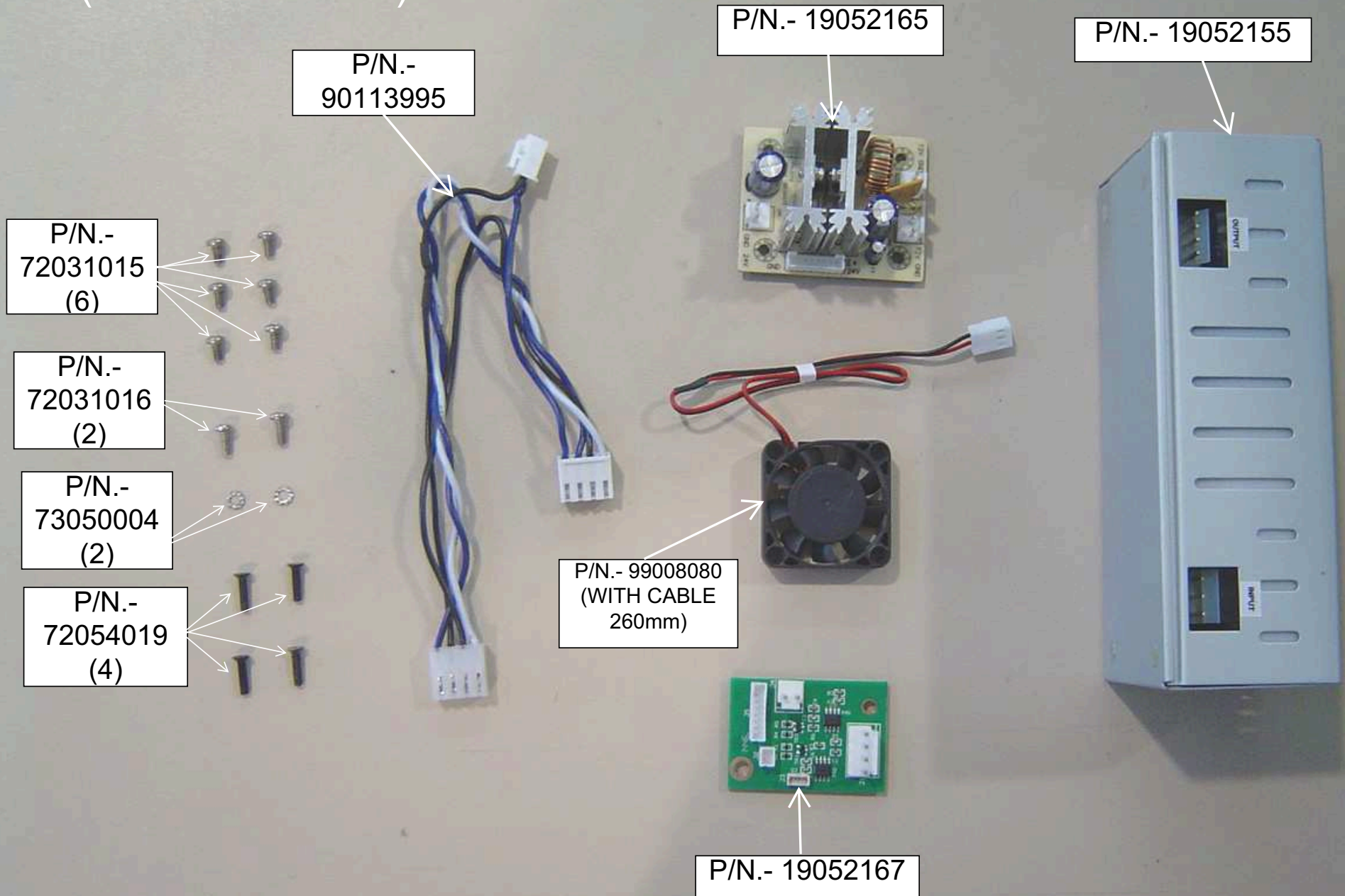




OVERVIEW



# 2.- ASSEMBLY POWER SUPPLIES AND SWITCH BOARD (COMPONENTS)





REMOVE THIS TWO  
SCREWS

P/N.- 73050004

P/N.- 72031016

HOLD THE POWER SUPPLY WITH  
THE WHASERS P/N.- 73050004  
AND THE SCREWS P/N.- 72031016



PUT THE FAN IN THIS  
POSITION FOR THE AIR  
TO GO ABROAD

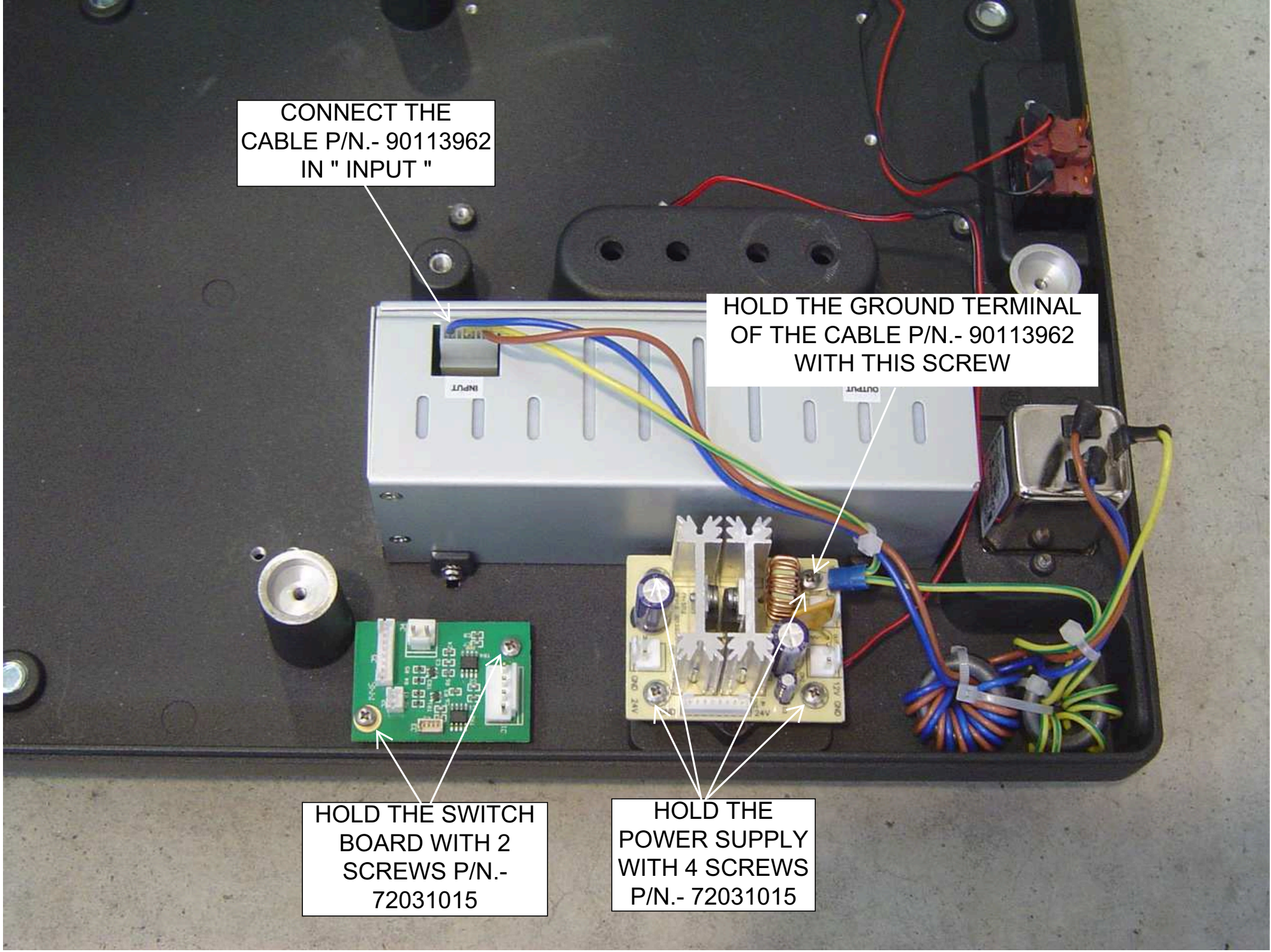
HOLD THE FAN WITH  
THE 4 SCREWS P/N.-  
72054019

CONNECT THE  
CABLE P/N.- 90113962  
IN " INPUT "

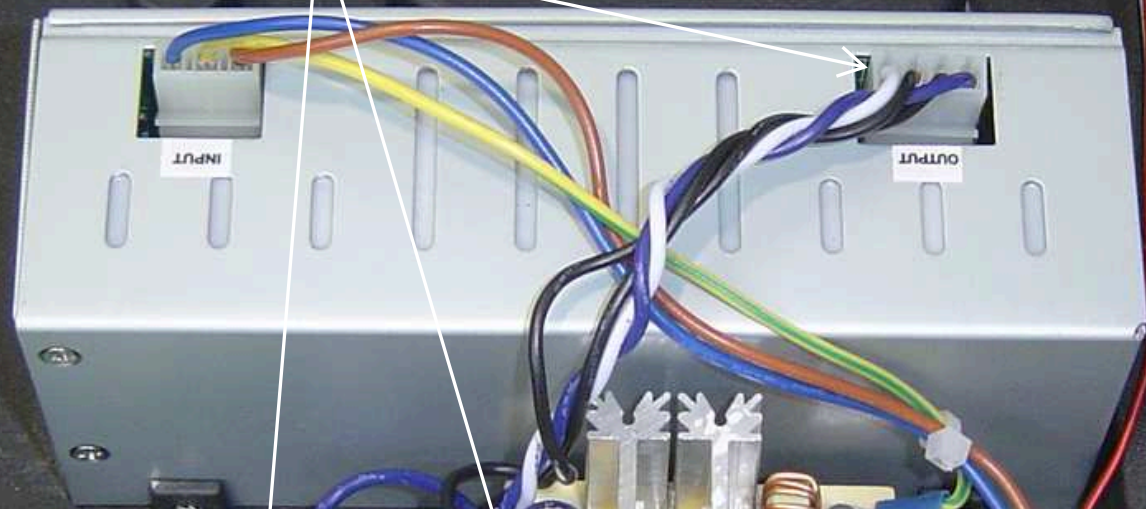
HOLD THE GROUND TERMINAL  
OF THE CABLE P/N.- 90113962  
WITH THIS SCREW

HOLD THE SWITCH  
BOARD WITH 2  
SCREWS P/N.-  
72031015

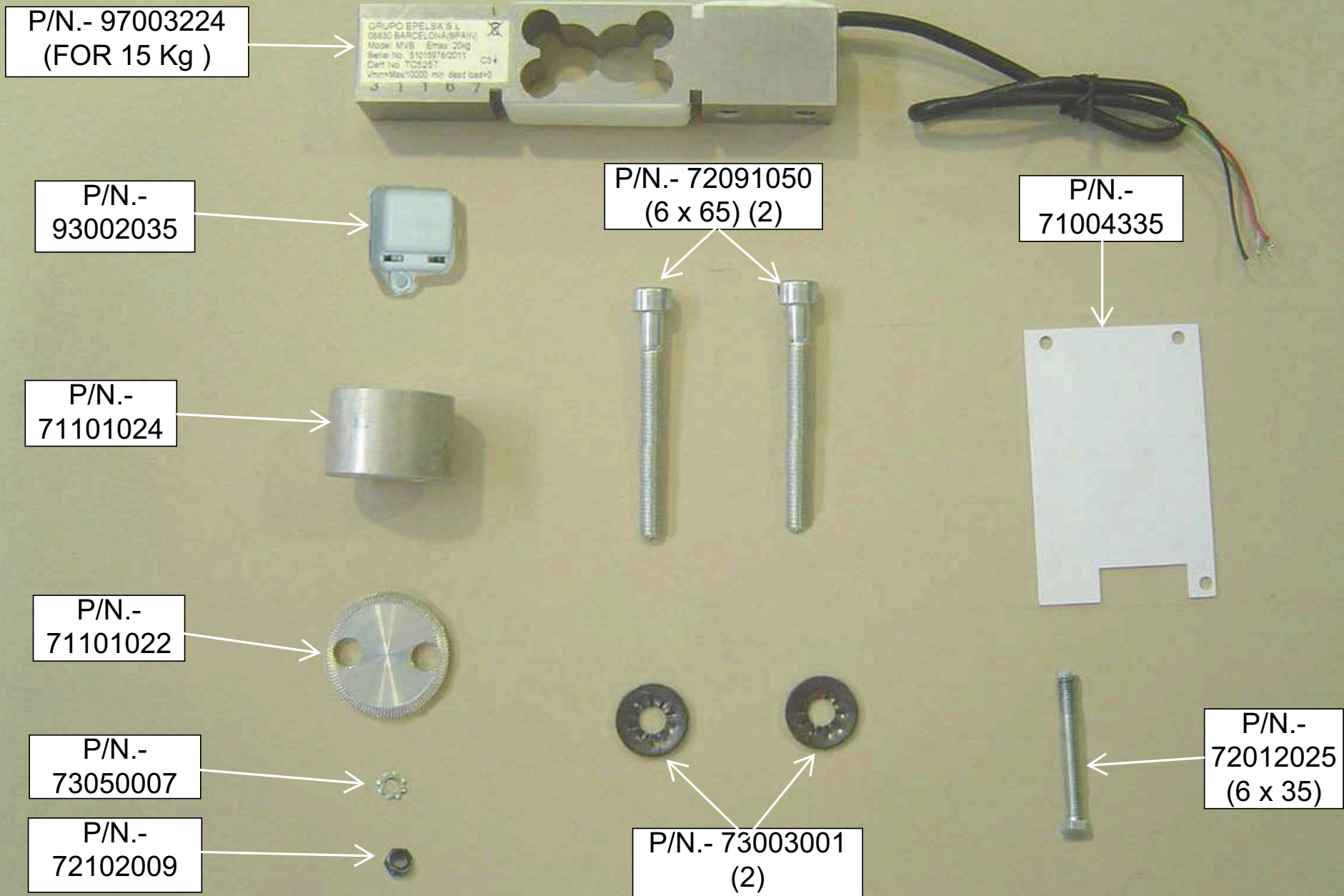
HOLD THE  
POWER SUPPLY  
WITH 4 SCREWS  
P/N.- 72031015



CONNECT THE CABLE P/N.-  
90113995 IN POWER SUPPLY, 12 V  
POWER SUPPLY AND SWITCH  
BOARD



### 3.- ASSEMBLY SET LOAD CELL P/N.- 97003239 (COMPONENTS)



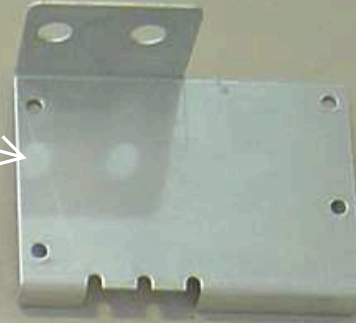


### 3.- ASSEMBLY SET LOAD CELL P/N.- 97003239 (COMPONENTS)

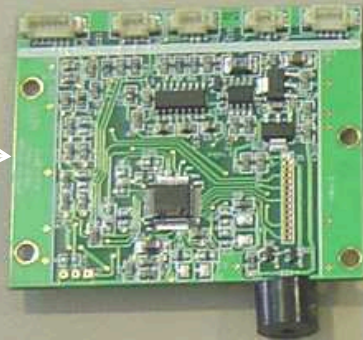
P/N.-  
19016800



P/N.-  
71210520



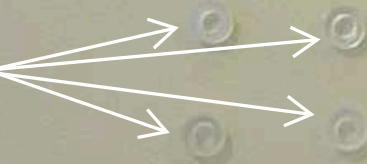
P/N.-  
19016900



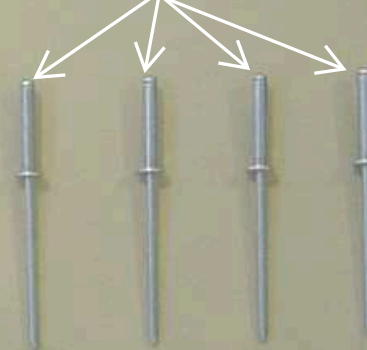
P/N.-  
71002295

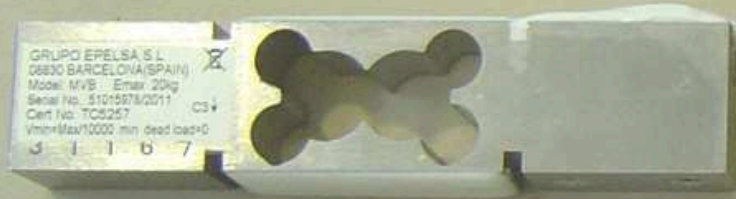


P/N.-  
71100003 (4)

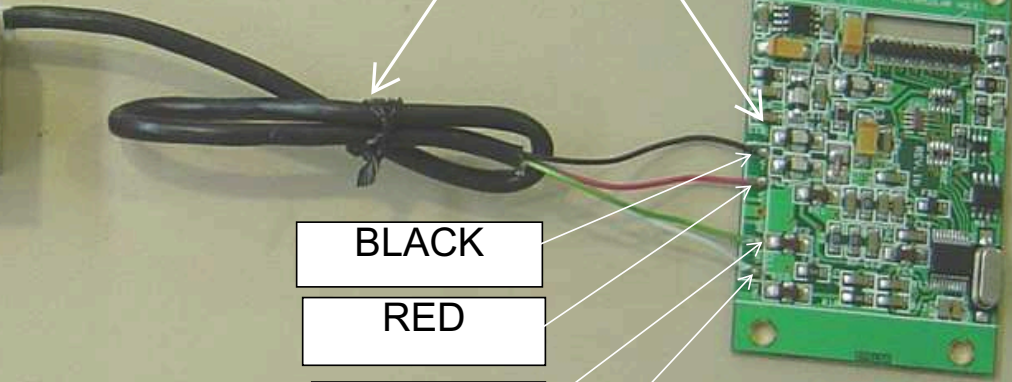


RIVET P/N.- 72300013 (3x 16)  
(4)





SOLDER LOAD  
CELL CABLES ON  
ANALOG BOARD



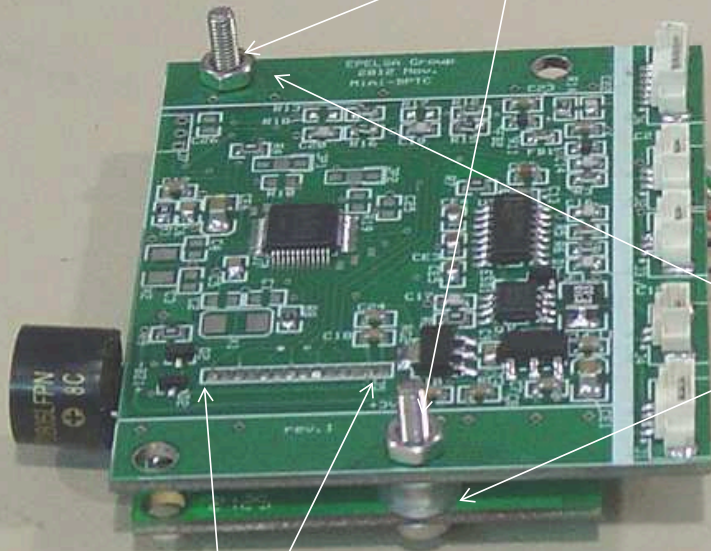
- BLACK
- RED
- GREEN
- WHITE

PUT SPACER P/N.- 71100003 AND GUIDE-SCREW TO ASSEMBLY ANALOG BOARD AND BPTC BOARD (P/N.- 19016900). AFTER ASSEMBLY SOLDER PINS IN J5

GUIDE SCREWS

SPACERS

SOLDER 14 PINS AT J5



ASEMBLY SET DIGITAL LOAD CELL

HOLD ALL  
TOGETHER WITH 4  
RIVETS

RIVET P/N.-  
72300013

P/N.- 71002295

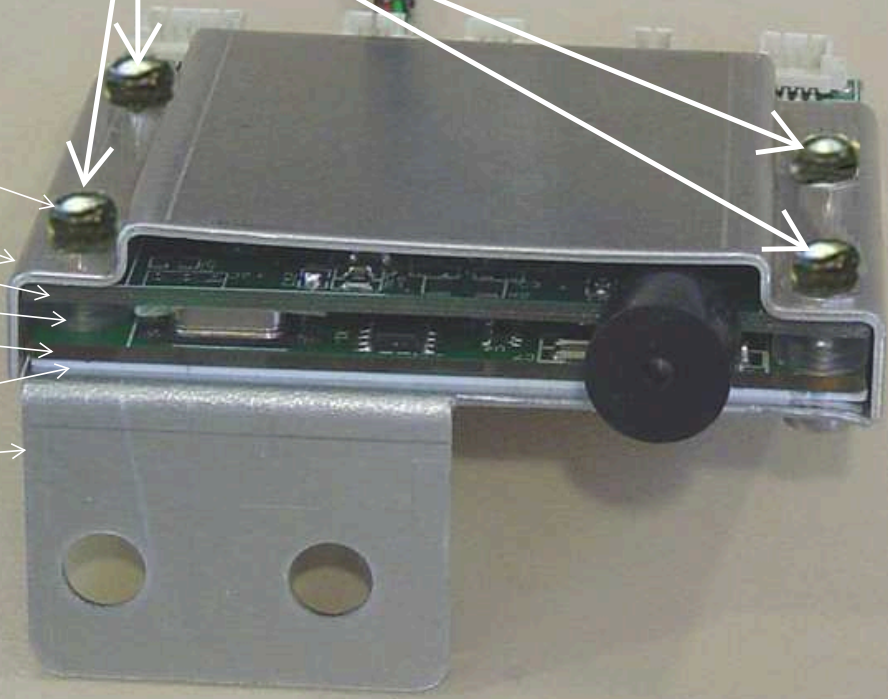
P/N.- 19016900

P/N.- 71100003

P/N.- 19016800

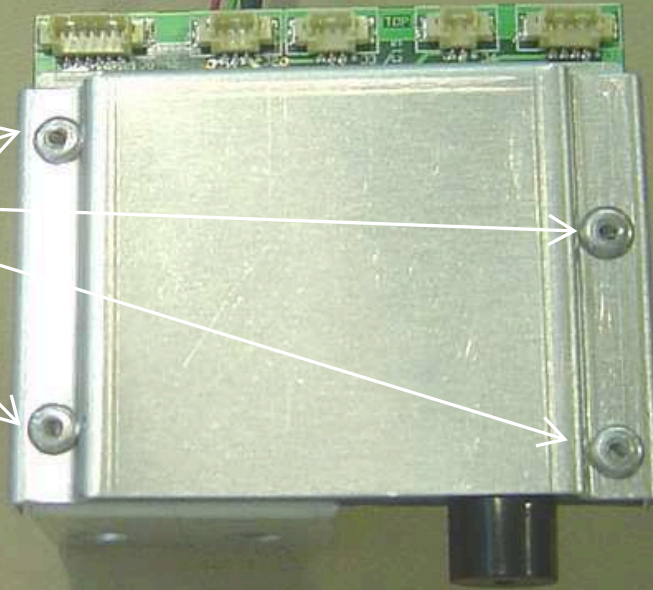
P/N.- 71004335

P/N.- 71210520



81015978

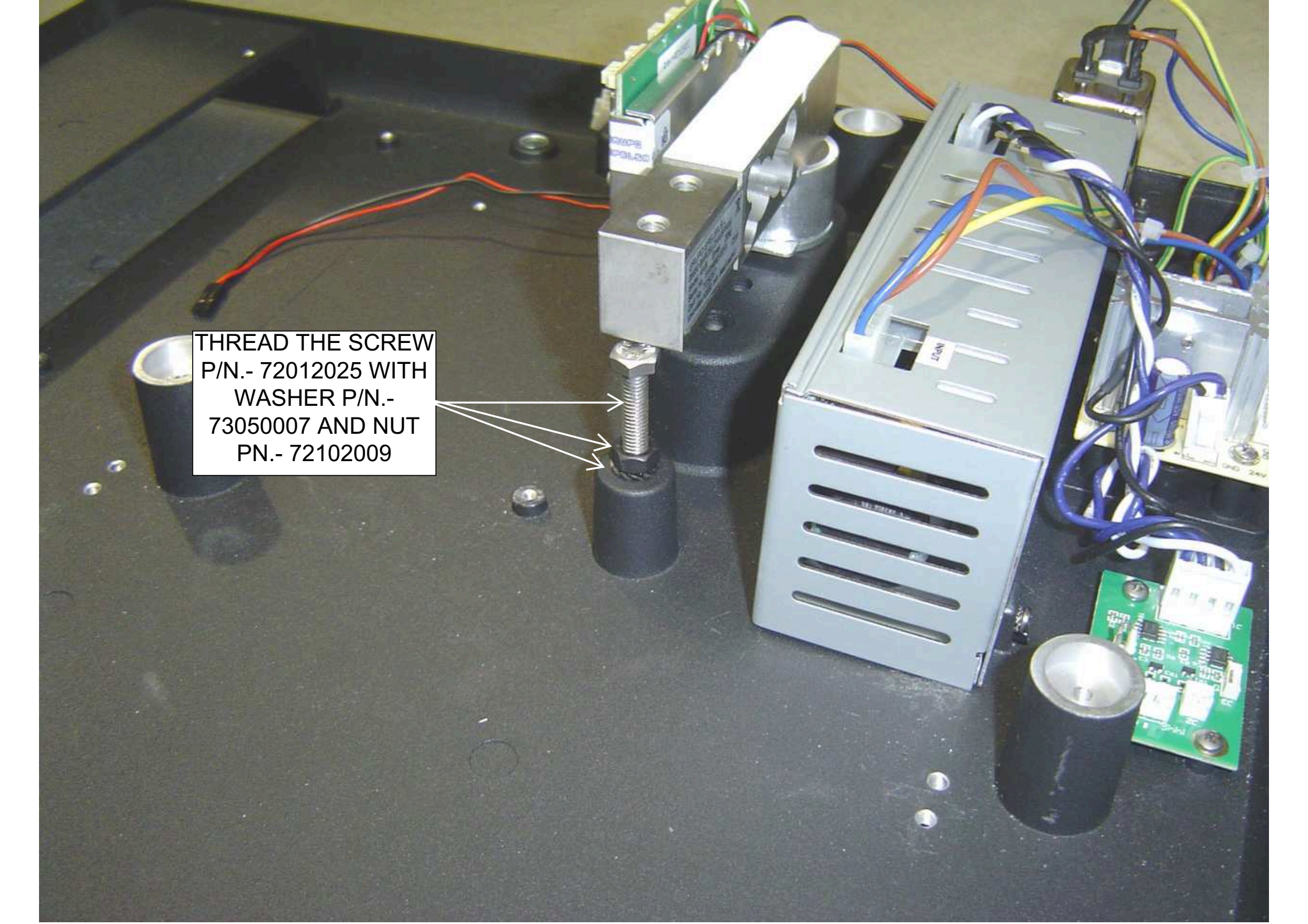
JOIN THE SET  
WITH 4 RIVETS



BACK SIDE



THREAD THE SCREW  
P/N.- 72012025 WITH  
WASHER P/N.-  
73050007 AND NUT  
PN.- 72102009



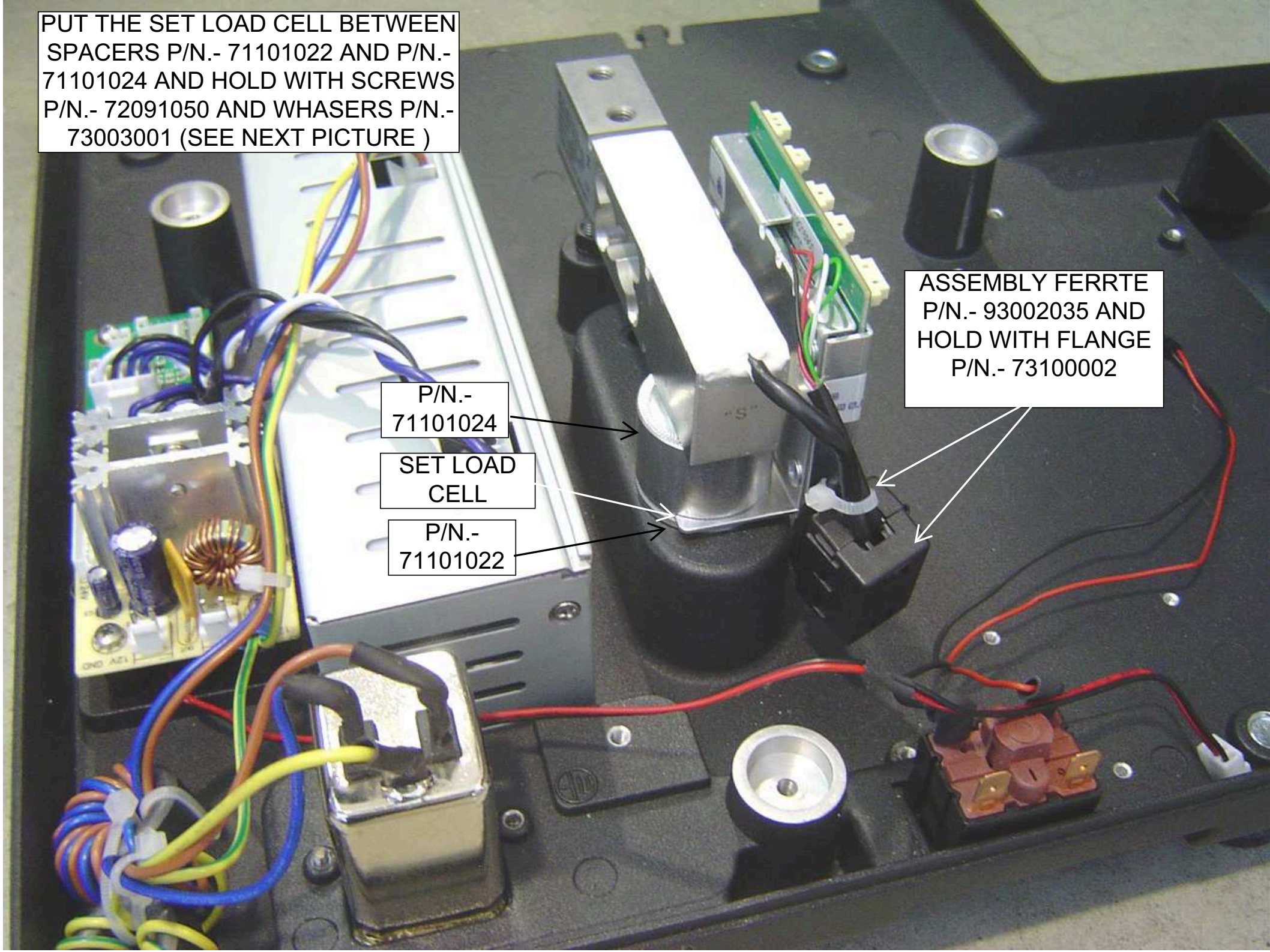
PUT THE SET LOAD CELL BETWEEN SPACERS P/N.- 71101022 AND P/N.- 71101024 AND HOLD WITH SCREWS P/N.- 72091050 AND WASHERS P/N.- 73003001 (SEE NEXT PICTURE )

P/N.-  
71101024

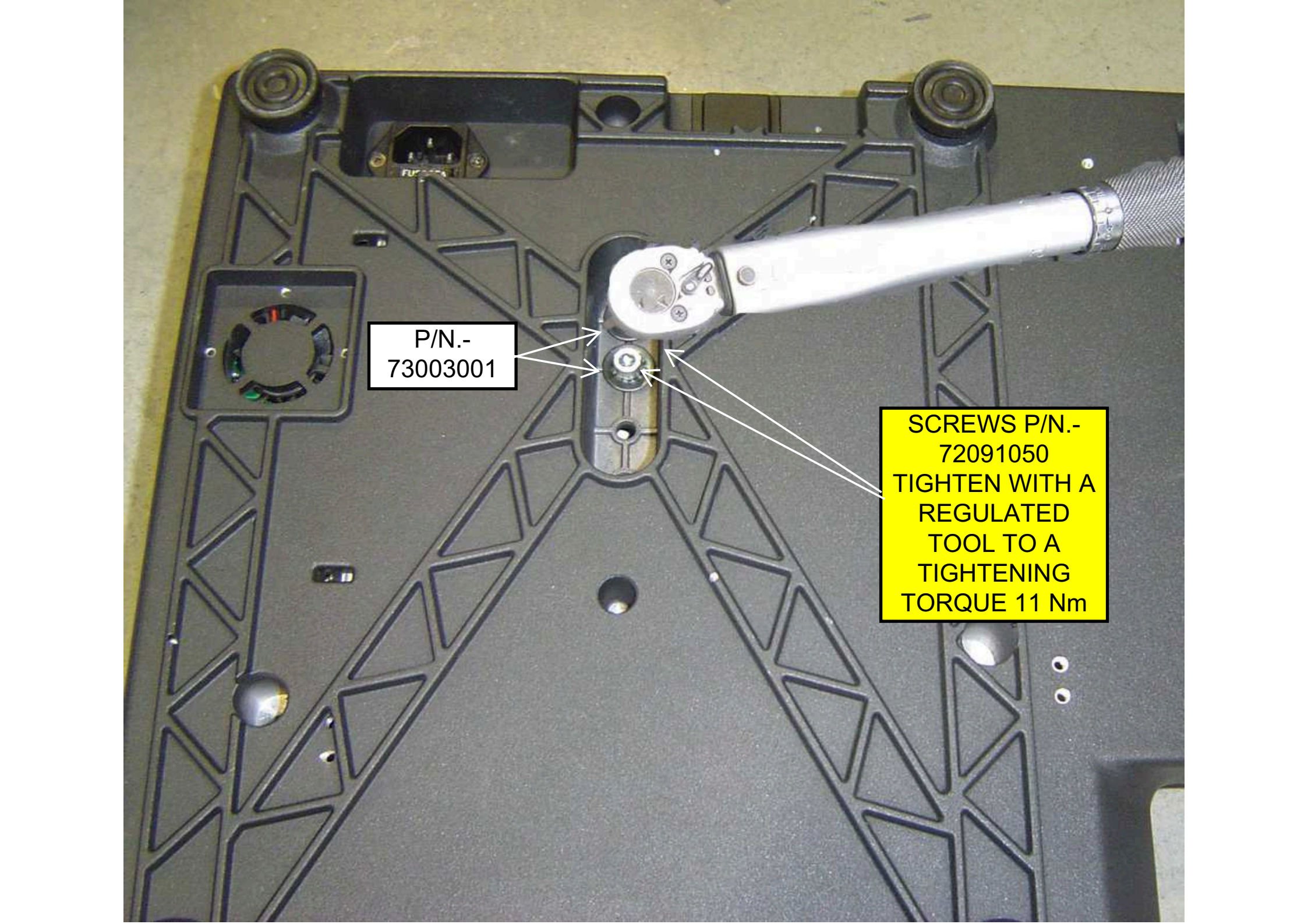
SET LOAD  
CELL

P/N.-  
71101022

ASSEMBLY FERRITE  
P/N.- 93002035 AND  
HOLD WITH FLANGE  
P/N.- 73100002





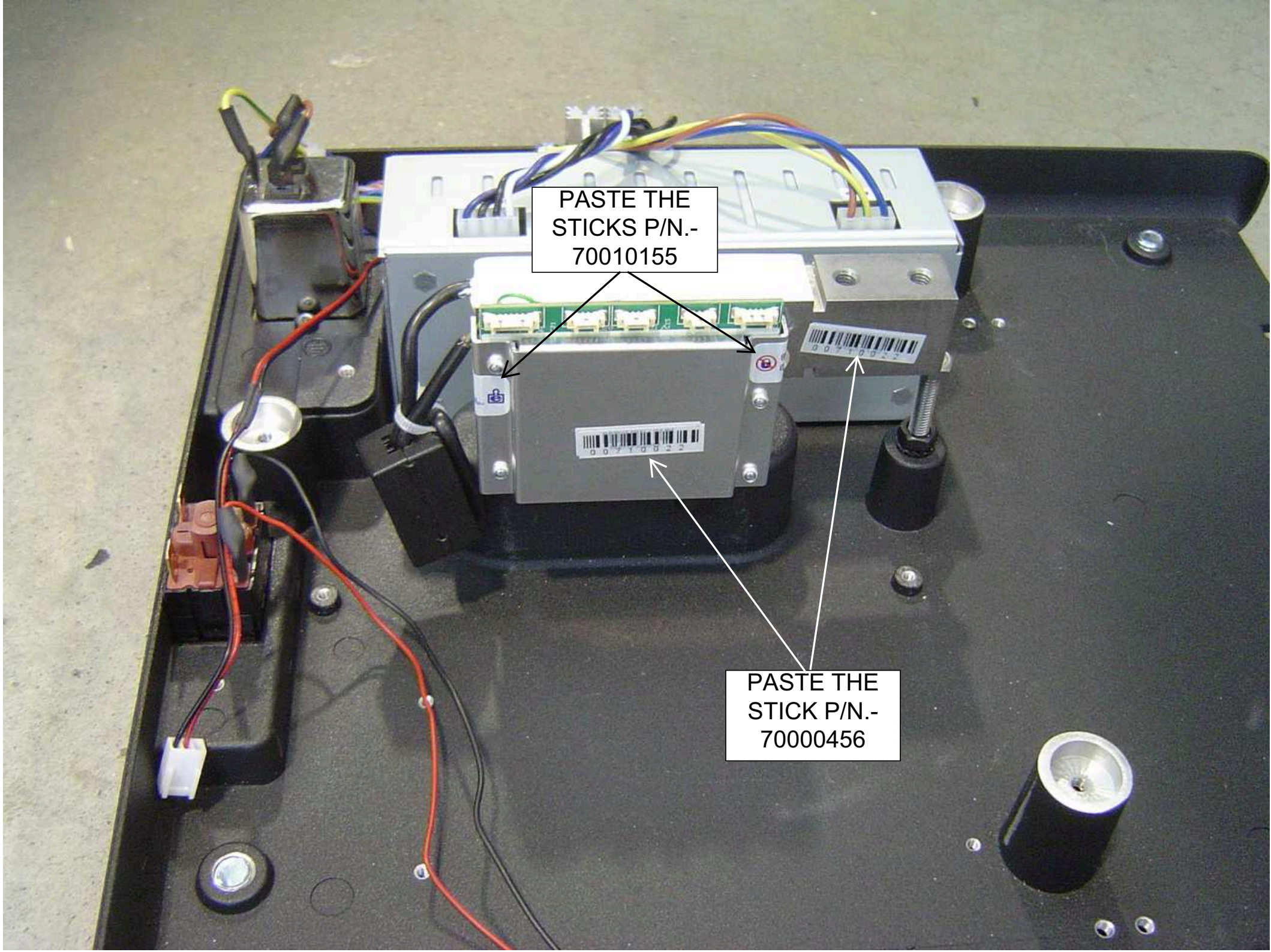


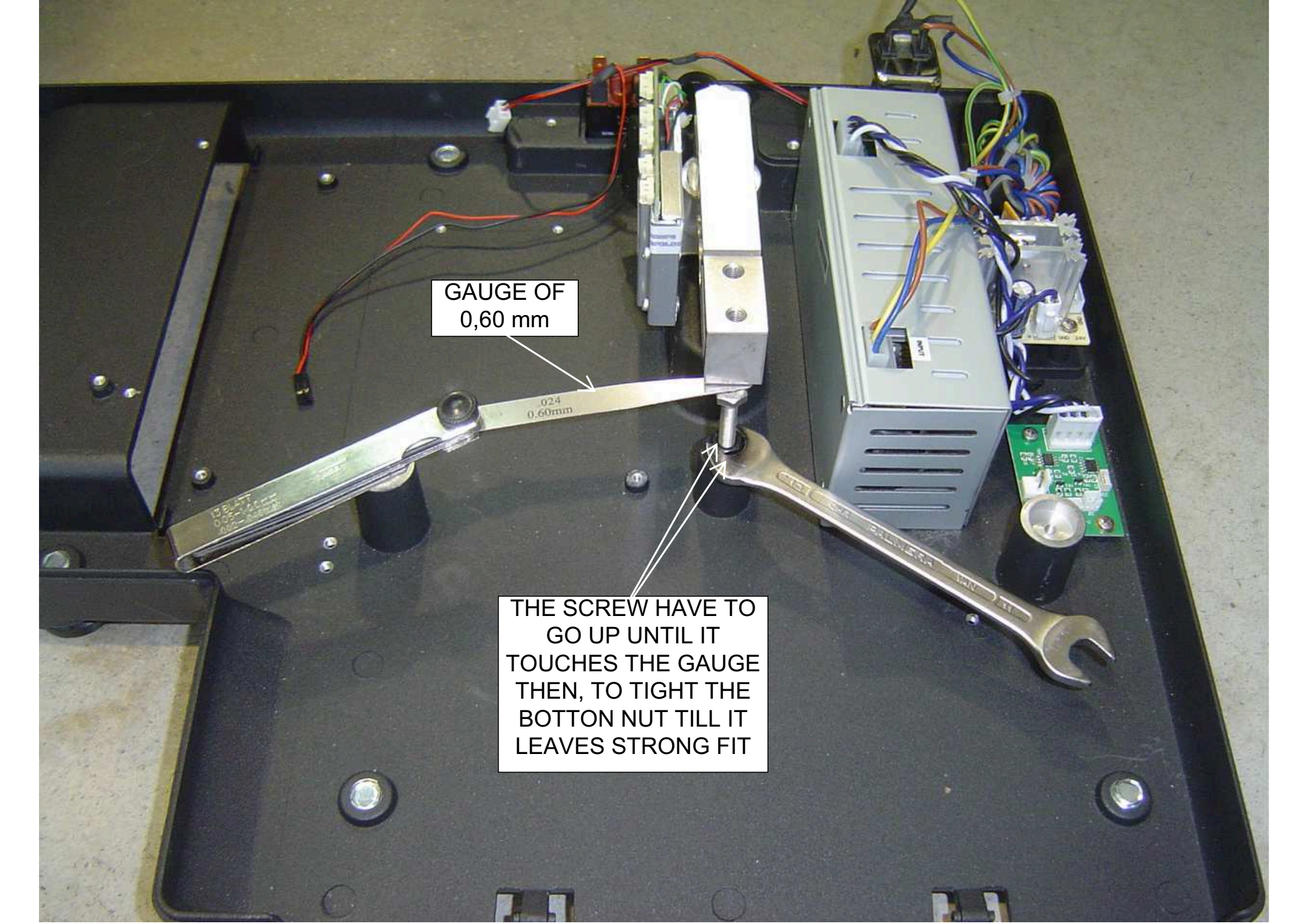
P/N.-  
73003001

SCREWS P/N.-  
72091050  
TIGHTEN WITH A  
REGULATED  
TOOL TO A  
TIGHTENING  
TORQUE 11 Nm

PASTE THE  
STICKS P/N.-  
70010155

PASTE THE  
STICK P/N.-  
70000456





GAUGE OF  
0,60 mm

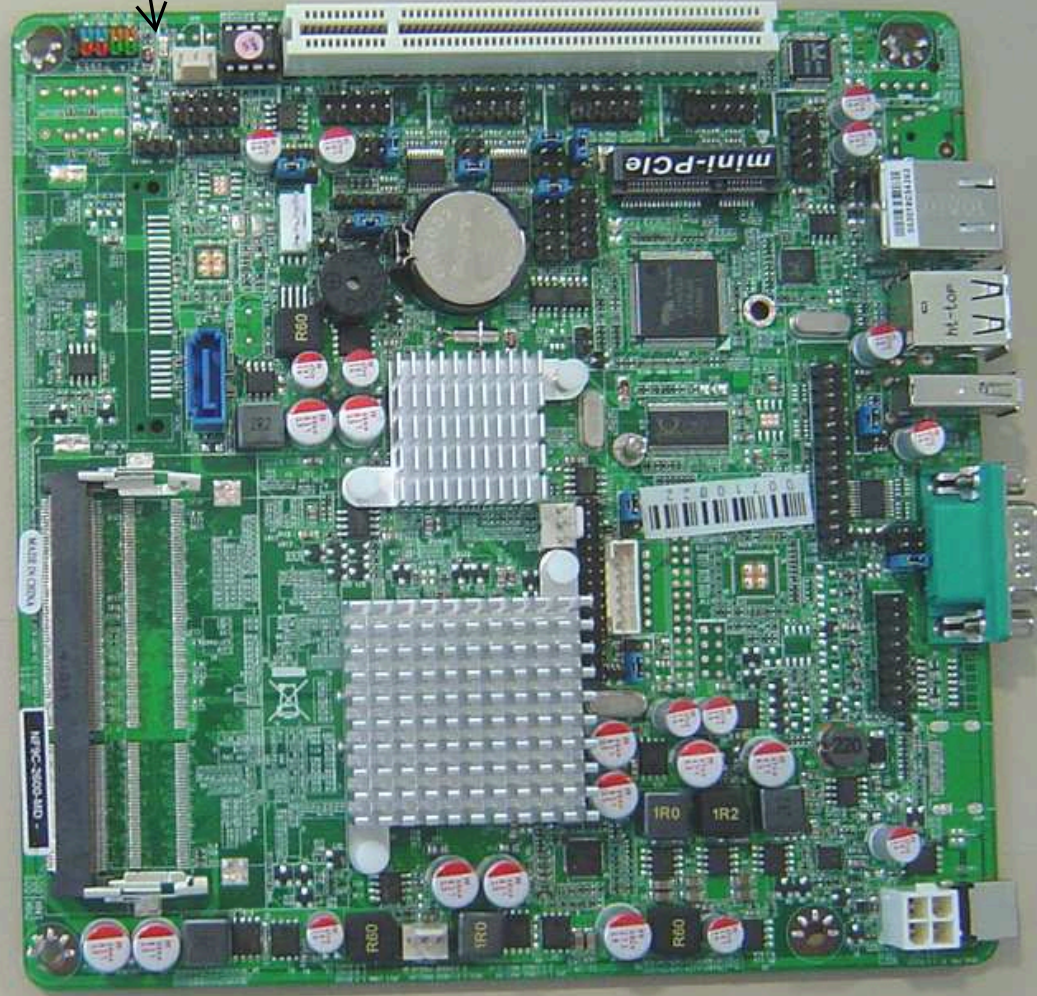
THE SCREW HAVE TO  
GO UP UNTIL IT  
TOUCHES THE GAUGE  
THEN, TO TIGHT THE  
BOTTOM NUT TILL IT  
LEAVES STRONG FIT

# 4.- ASSEMBLY PC BOARD, RAM, HARD DISK AND CONNECTIONS BADGE ( COMPONENTS )

P/N.- 91008064  
(60 GB)



P/N.- 19016700



P/N.-  
91008063



#### 4.- ASSEMBLY PC BOARD, RAM, HARD DISK AND CONNECTIONS BADGE ( COMPONENTS )

PN.-  
71210549



P/N.-  
90113954



P/N.-  
90113946



P/N.-  
72031015  
(8)



P/N.-  
73050004  
(2)



# PC BOARD CONNECTIONS (PICTURE 1)

POWER ON  
CONNECTOR (PINES  
WITH RED COLORS )

USB LABEL PRINTER  
CONTROL P/N.-  
90114042

USB TOUCH CONTROL  
P/N.- 90113968

SATA POWER  
CONNECTOR  
TO FLASH DISK

SATA II  
CONNECTOR  
TO FLASH DISK

CONNECT RAM  
MEMORY TO PC  
BOARD

COM FOR BPTC  
BOARD PN.- 90114041

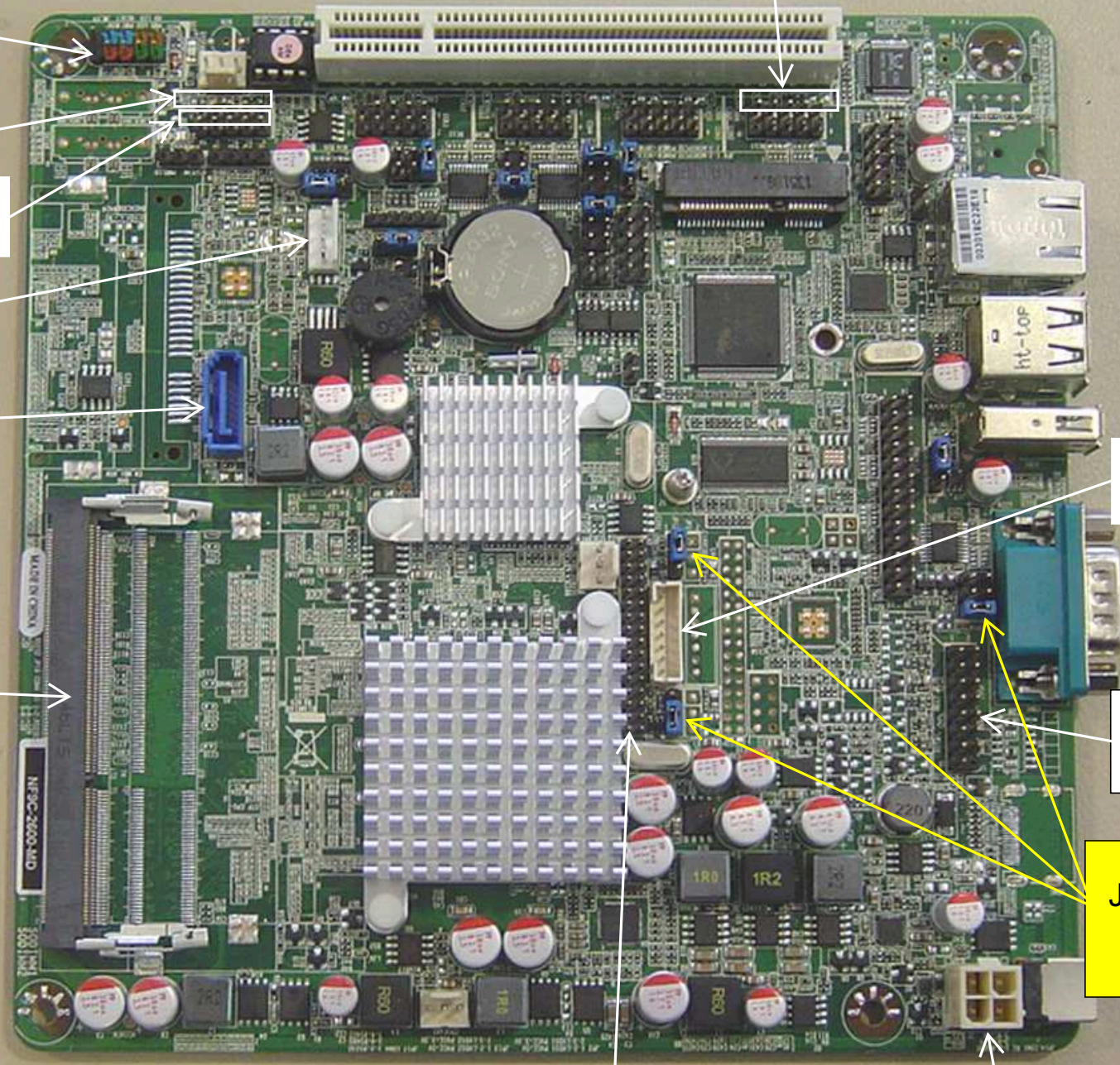
BACK LIGHT  
POWER P/N.-  
90114039

VGA CABLE  
P/N.-  
90114040

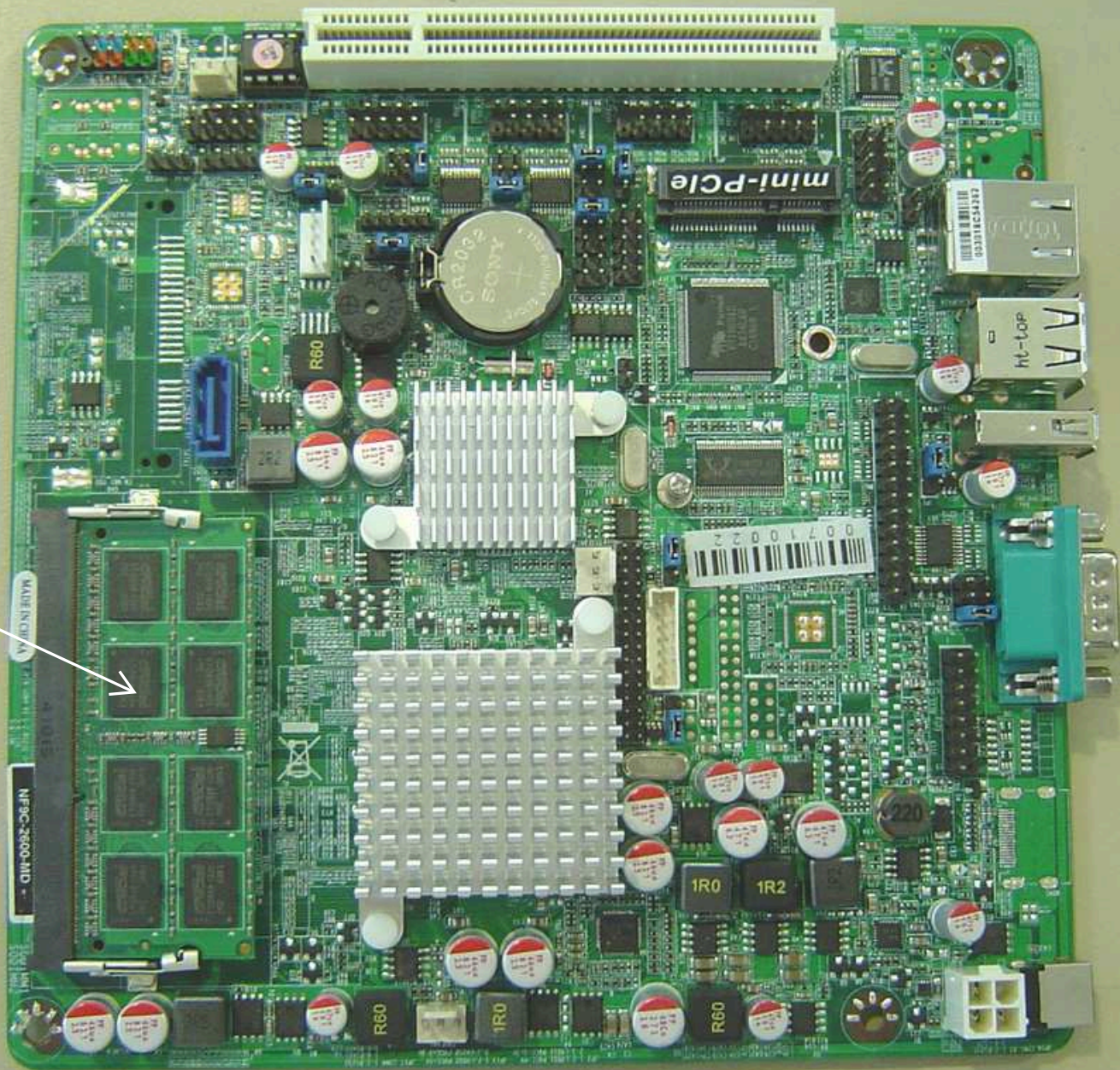
**PUT THIS  
JUMPER IN  
THIS  
POSITION**

LVDS CONNECTOR  
P/N.- 90114045

POWER SUPPLY  
CONNECTOR PN.-  
90113961



CONNECT  
RAM P/N.-  
91008063





PUT THE CONNECTIONS BADGE P/N.-  
71210549 AT MAIN BOARD FRONT AND  
HOLD WITH TWO TURRETS



PUT THE HARD DISK ON CONNECTIONS BADGE AND HOLD WITH 2 SCREWS P/N.- 72031015



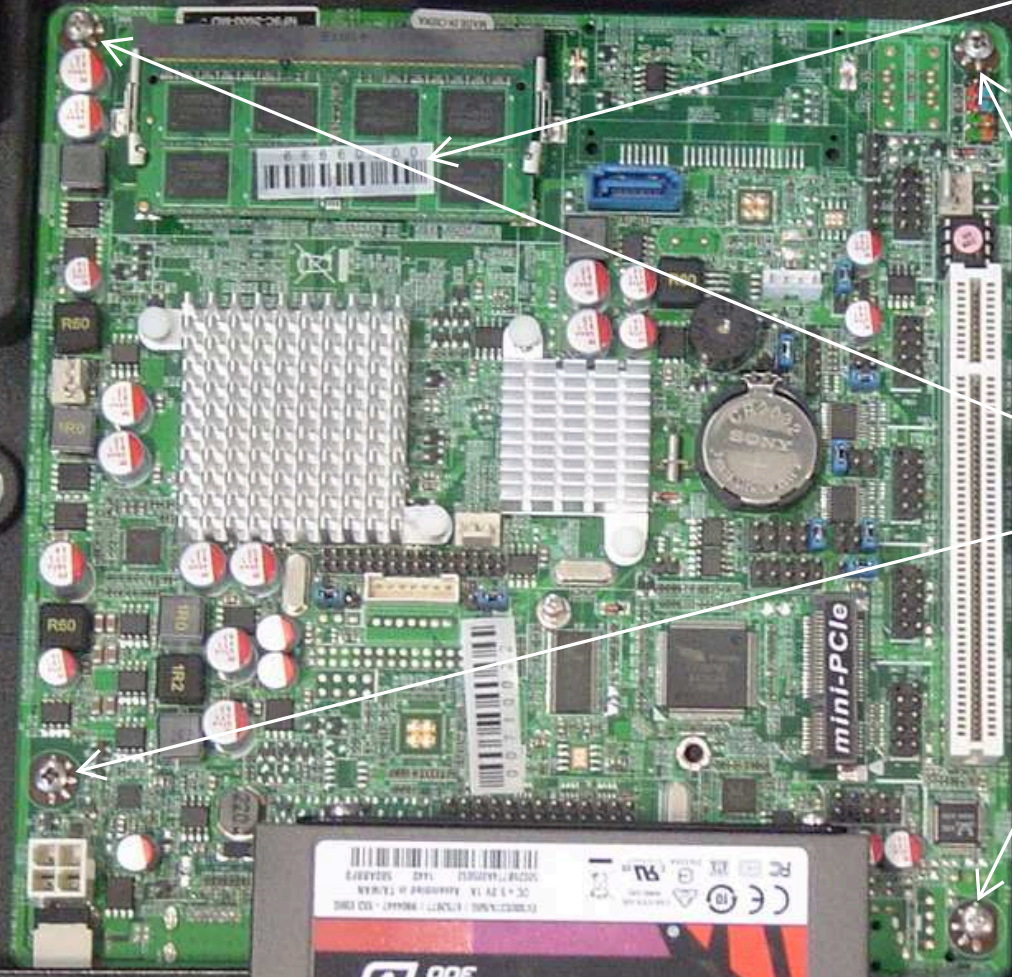
PASTE THE STICKS P/N.- 70000456



PASTE THE  
STICK P/N.-  
70000456

HOLD THE  
MOTHER BOARD  
WITH 4 SCREWS  
P/N.- 72031015

HOLD THE  
CONNECTIONS BADGE  
WITH 2 WHASERS P/N.-  
73050004  
AND 2 SCREWS P/N.-  
72031015



# 5.- CONNECT CABLES ( COMPONENTS )

P/N.-  
90114041  
(240 mm)



P/N.-  
90114042  
(240 mm)



P/N.-  
90114044  
(430 mm)

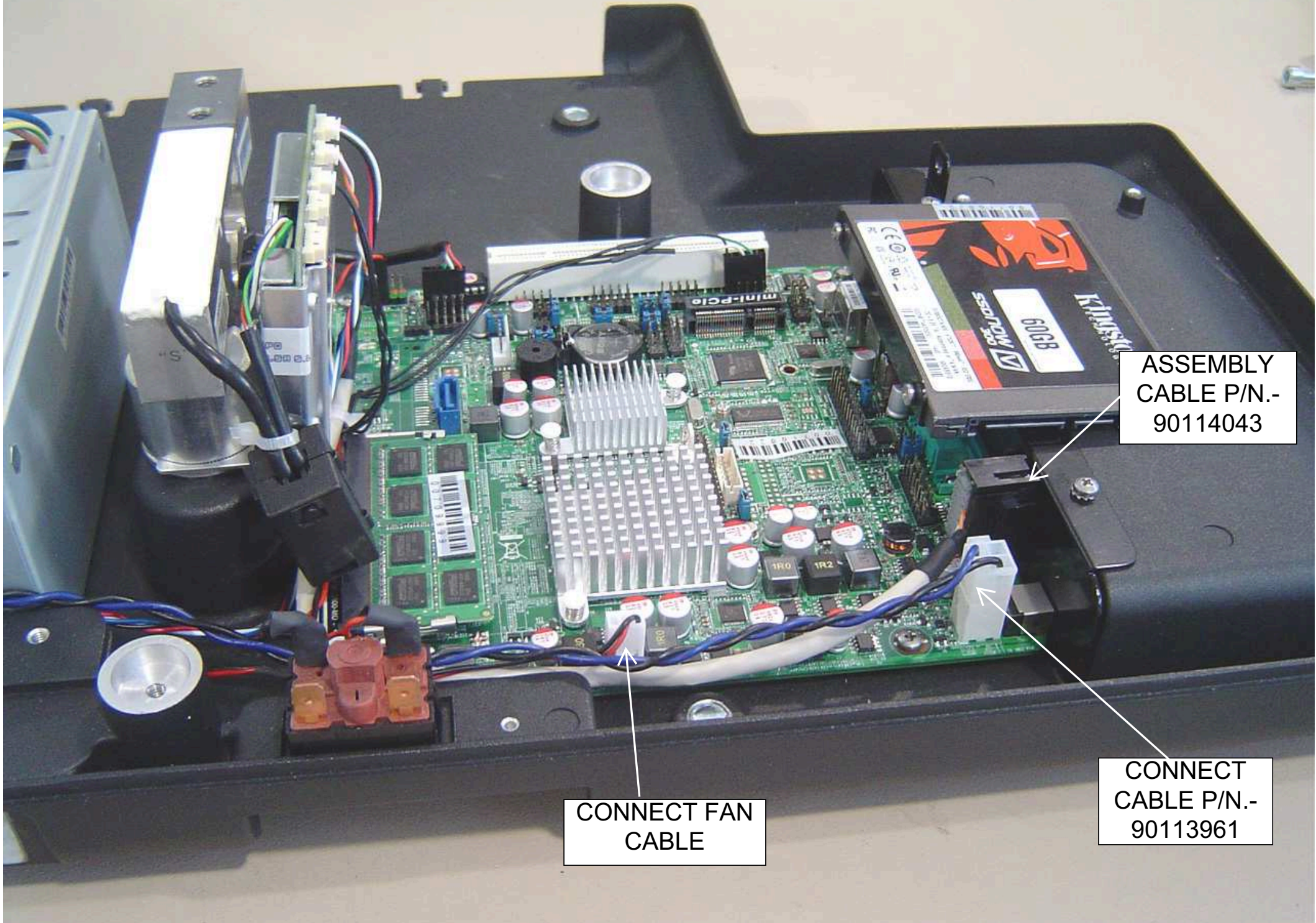


P/N.-  
90113961  
(350 mm)



P/N.-  
90114043  
(340 mm)





ASSEMBLY  
CABLE P/N.-  
90114043

CONNECT FAN  
CABLE

CONNECT  
CABLE P/N.-  
90113961

CONNECT CABLES  
P/N.- 90113946 AND  
P/N.- 90113954 TO  
MOTHER BOARD  
AND FLASH DISK



HOLD THE CABLE WITH FLANGES P/N.- 73100002

CONNECT CABLE P/N.- 90114041

CONNECT CABLE P/N.- 90114043

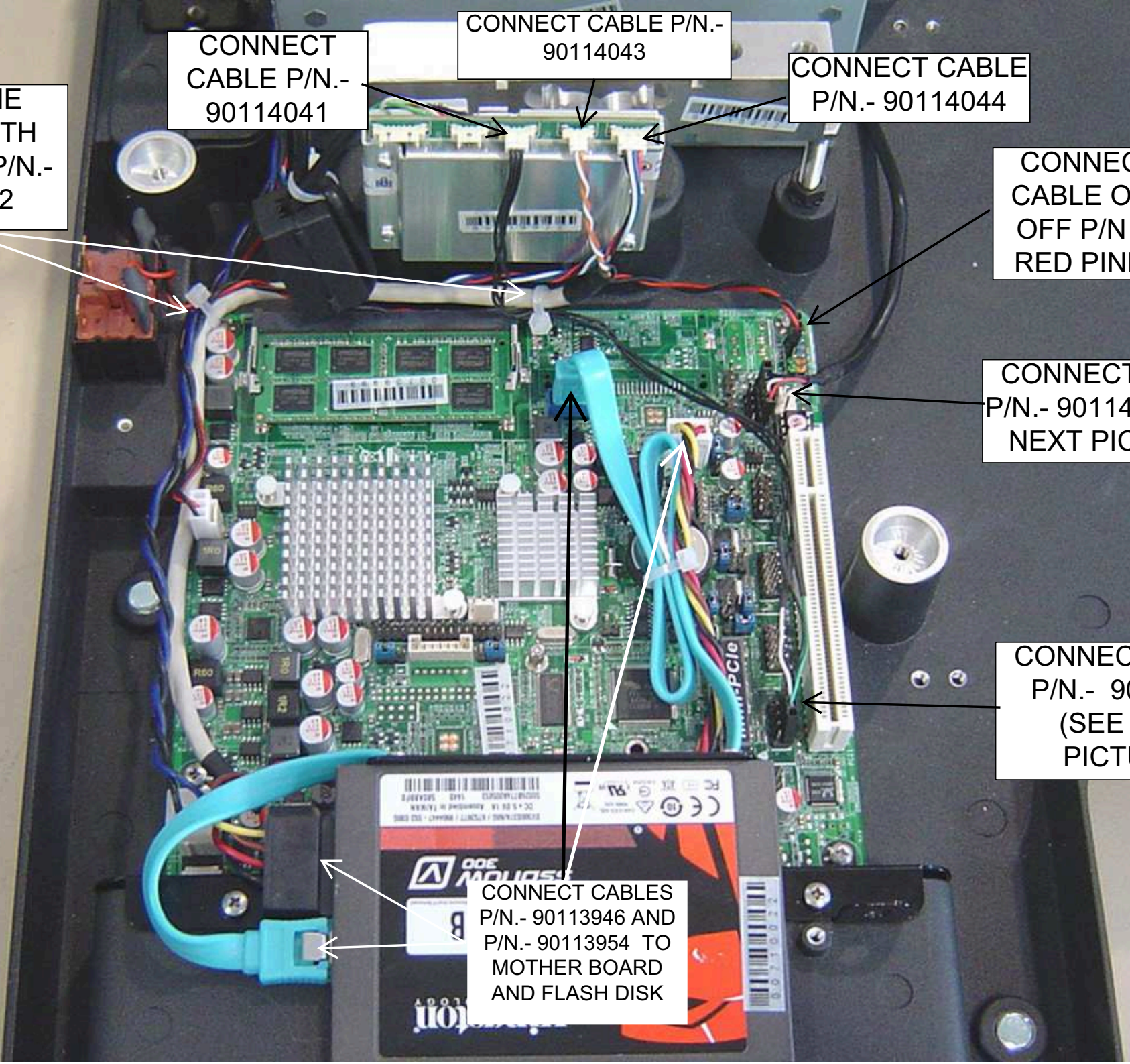
CONNECT CABLE P/N.- 90114044

CONNECT CABLE ON / OFF P/N IN RED PINES

CONNECT CABLE P/N.- 90114042 (SEE NEXT PICTURE )

CONNECT CABLE P/N.- 90114041 (SEE NEXT PICTURE )

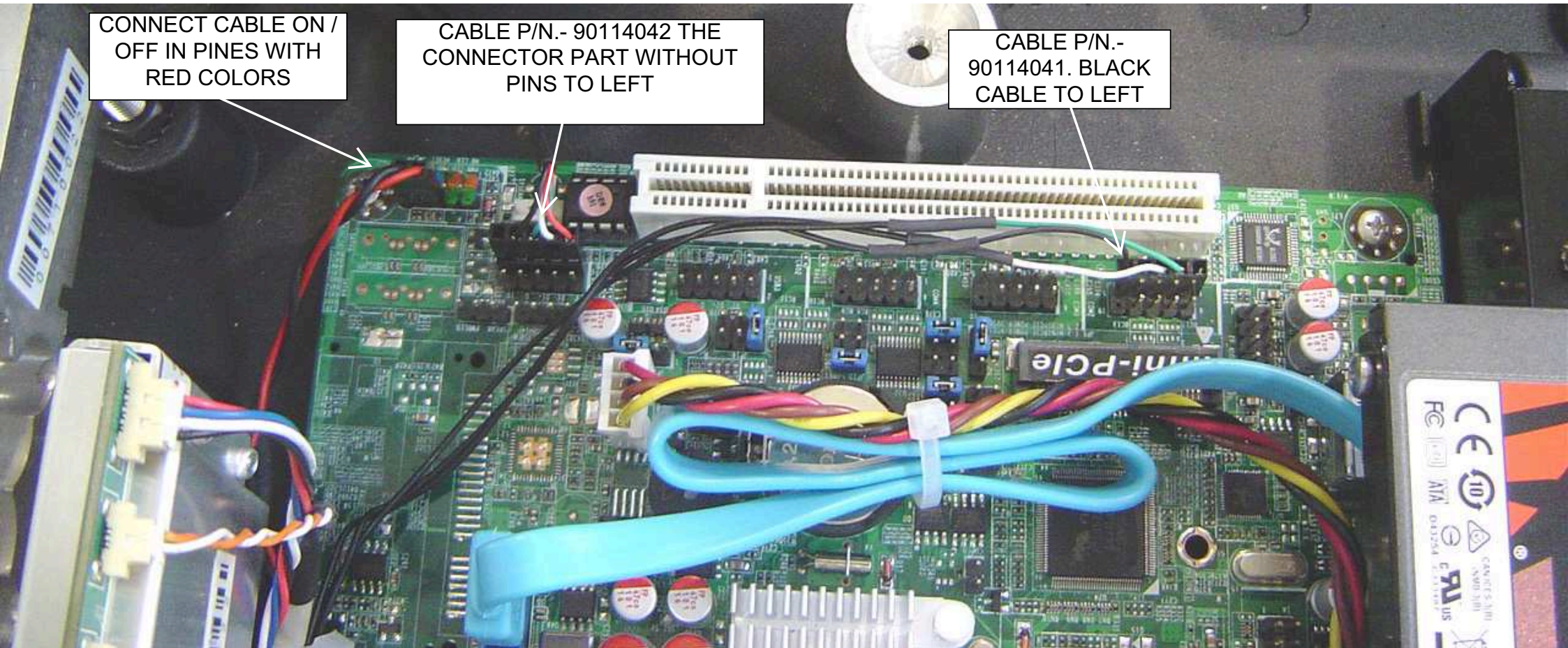
CONNECT CABLES P/N.- 90113946 AND P/N.- 90113954 TO MOTHER BOARD AND FLASH DISK

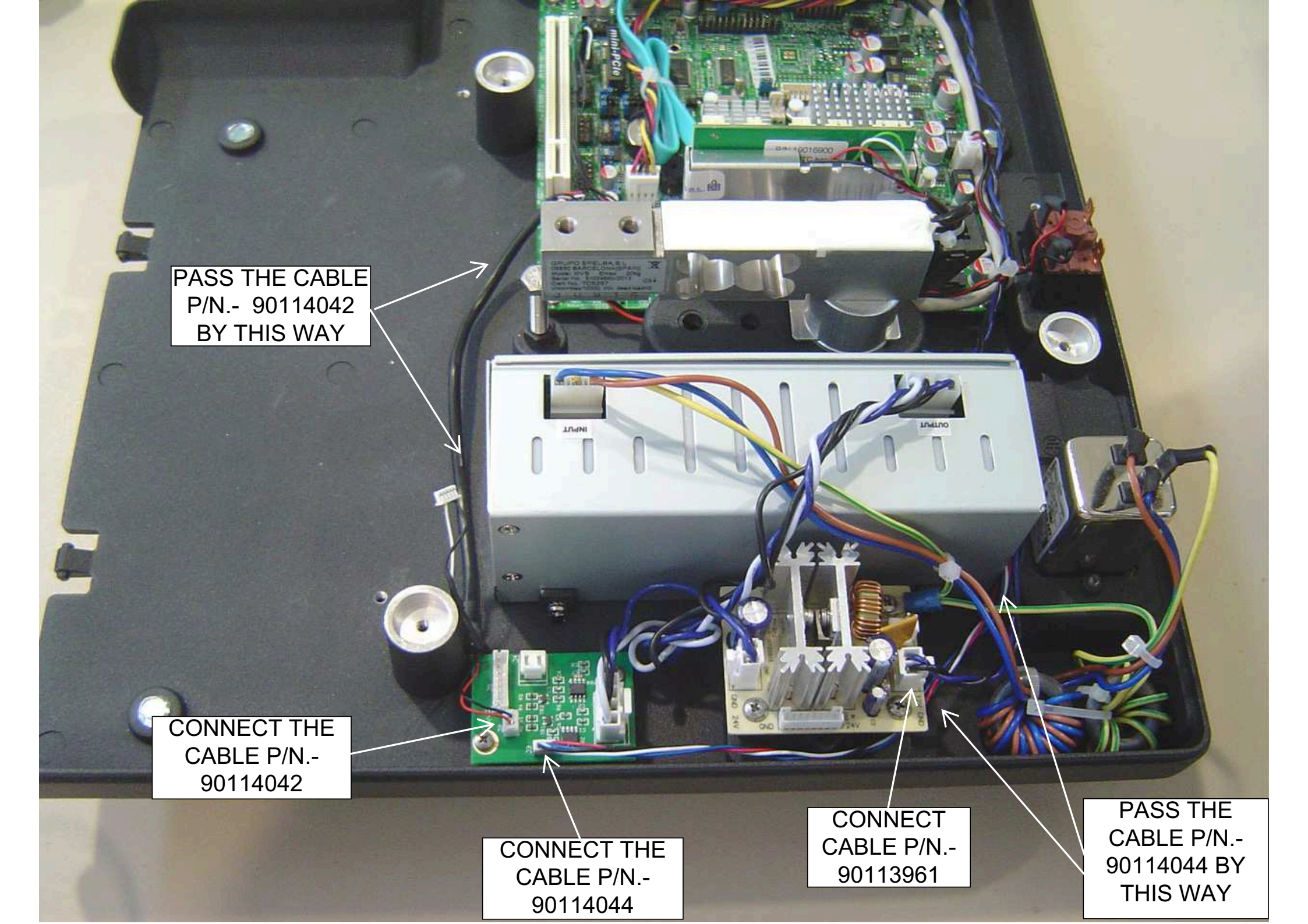


CONNECT CABLE ON /  
OFF IN PINES WITH  
RED COLORS

CABLE P/N.- 90114042 THE  
CONNECTOR PART WITHOUT  
PINS TO LEFT

CABLE P/N.-  
90114041. BLACK  
CABLE TO LEFT





PASS THE CABLE  
P/N.- 90114042  
BY THIS WAY

CONNECT THE  
CABLE P/N.-  
90114042

CONNECT THE  
CABLE P/N.-  
90114044

CONNECT  
CABLE P/N.-  
90113961

PASS THE  
CABLE P/N.-  
90114044 BY  
THIS WAY



# 6.- ASSEMBLY SET LABEL PRINTER (COMPONENTS)

P/N.-  
98002332  
(80 mm)

P/N.-  
90113988

P/N.- 73100002  
(3)

P/N.- 73050005  
(2)

P/N.-  
72031017  
(3)

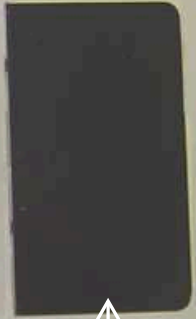
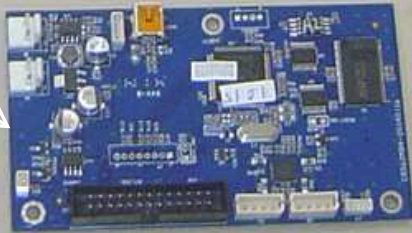
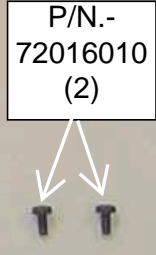
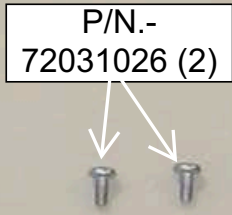
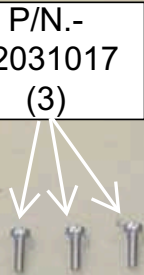
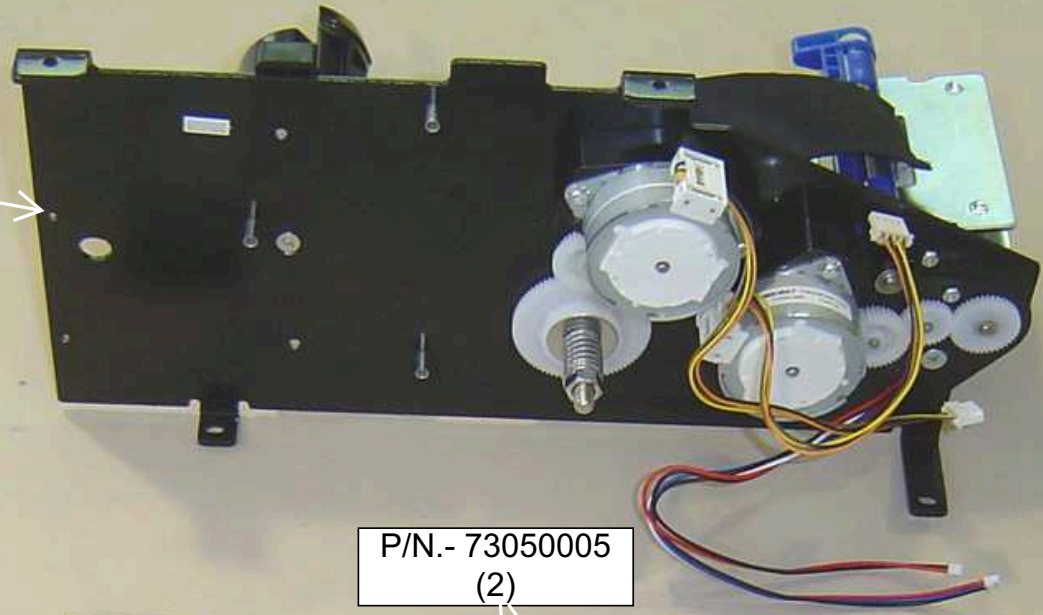
P/N.-  
72031026 (2)

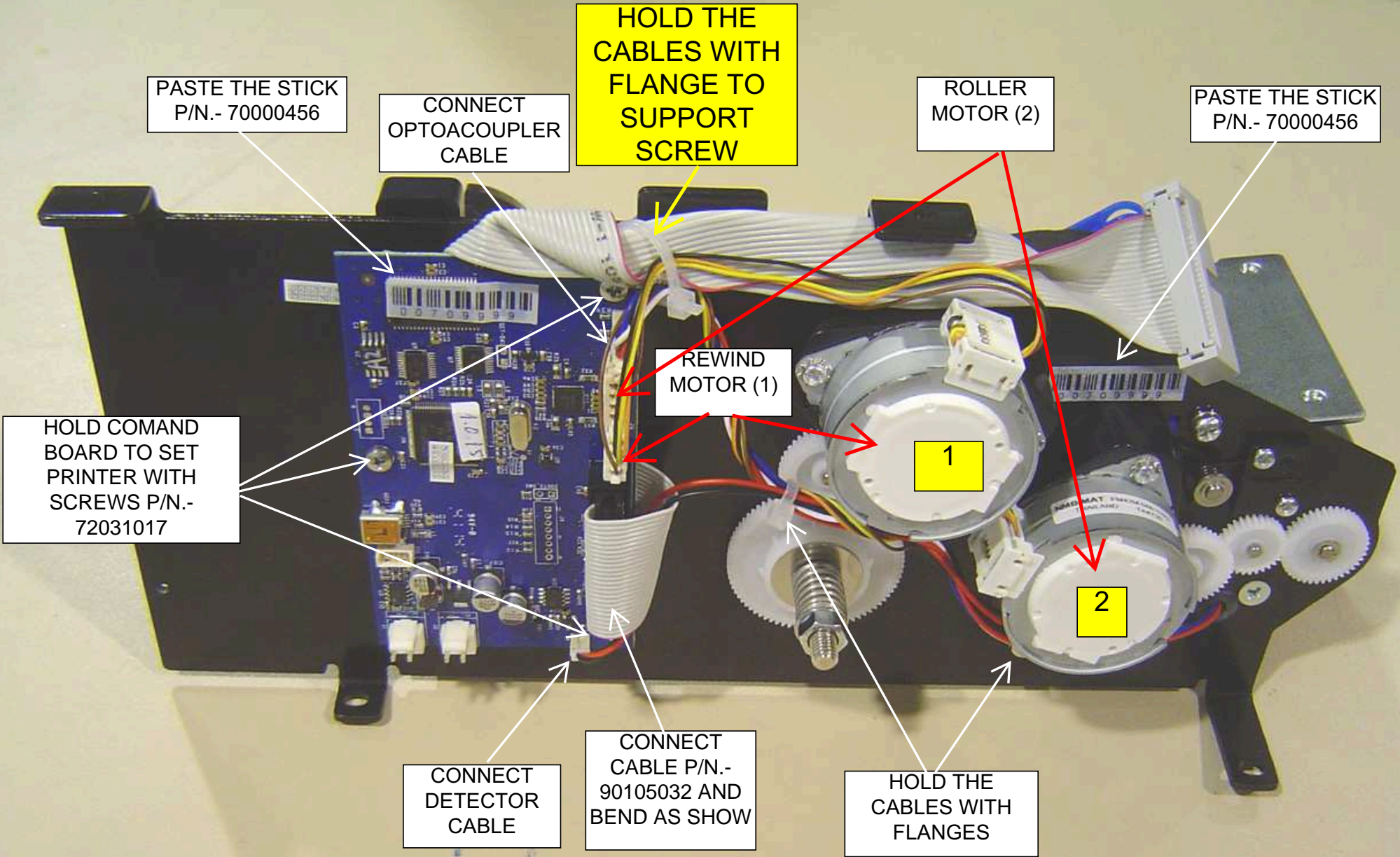
P/N.-  
72016010  
(2)

P/N.-  
19075800

P/N.-  
71210554

P/N.- 90105032





**HOLD THE CABLES WITH FLANGE TO SUPPORT SCREW**

PASTE THE STICK P/N.- 70000456

CONNECT OPTOACOUPLER CABLE

ROLLER MOTOR (2)

PASTE THE STICK P/N.- 70000456

REWIND MOTOR (1)

1

2

HOLD COMAND BOARD TO SET PRINTER WITH SCREWS P/N.- 72031017

CONNECT DETECTOR CABLE

CONNECT CABLE P/N.- 90105032 AND BEND AS SHOW

HOLD THE CABLES WITH FLANGES

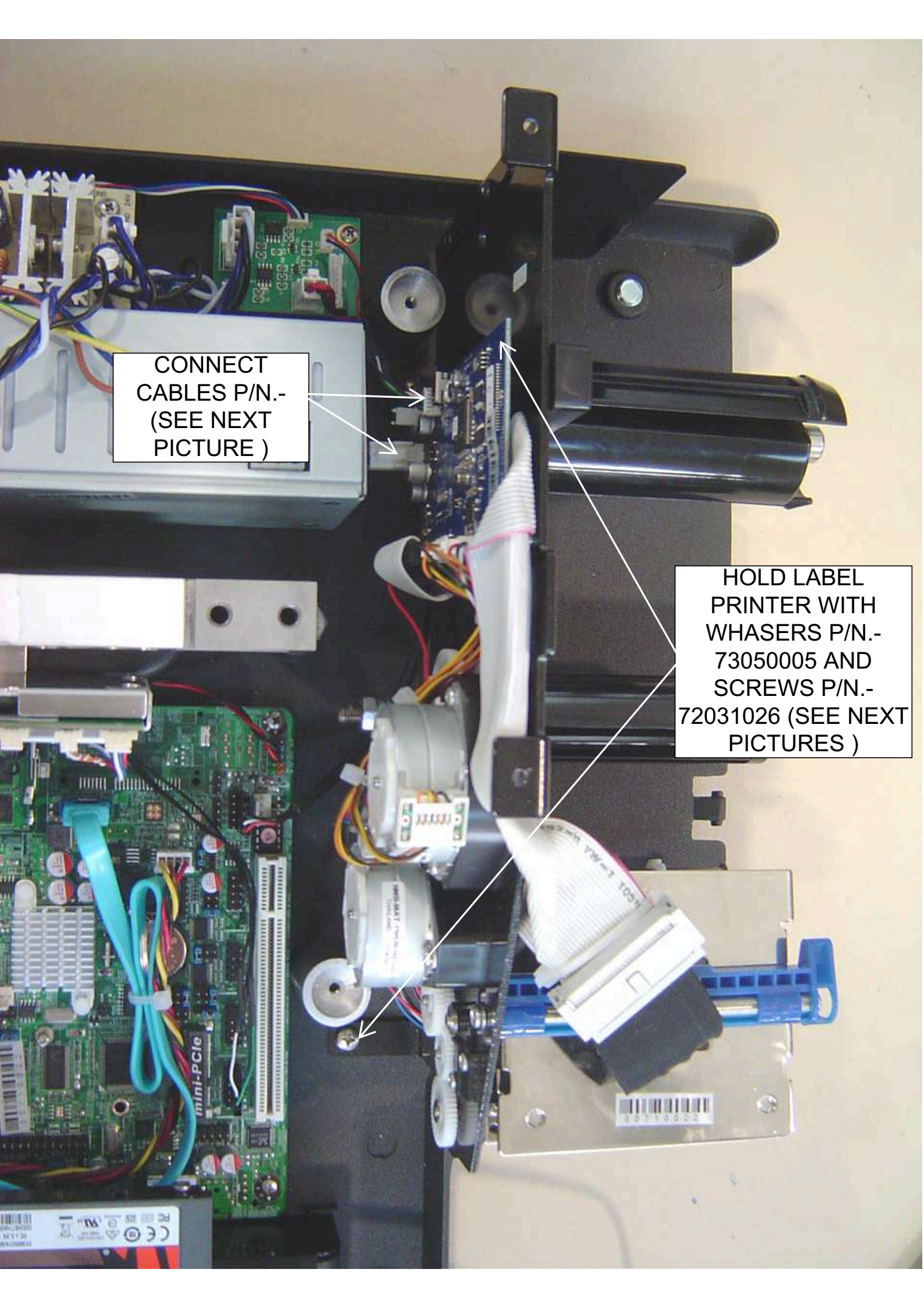
HOLD THE  
PIECE P/N.-  
71210554 IN  
LABEL PRINTER  
WITH 2 SCREWS  
P/N.- 72016010





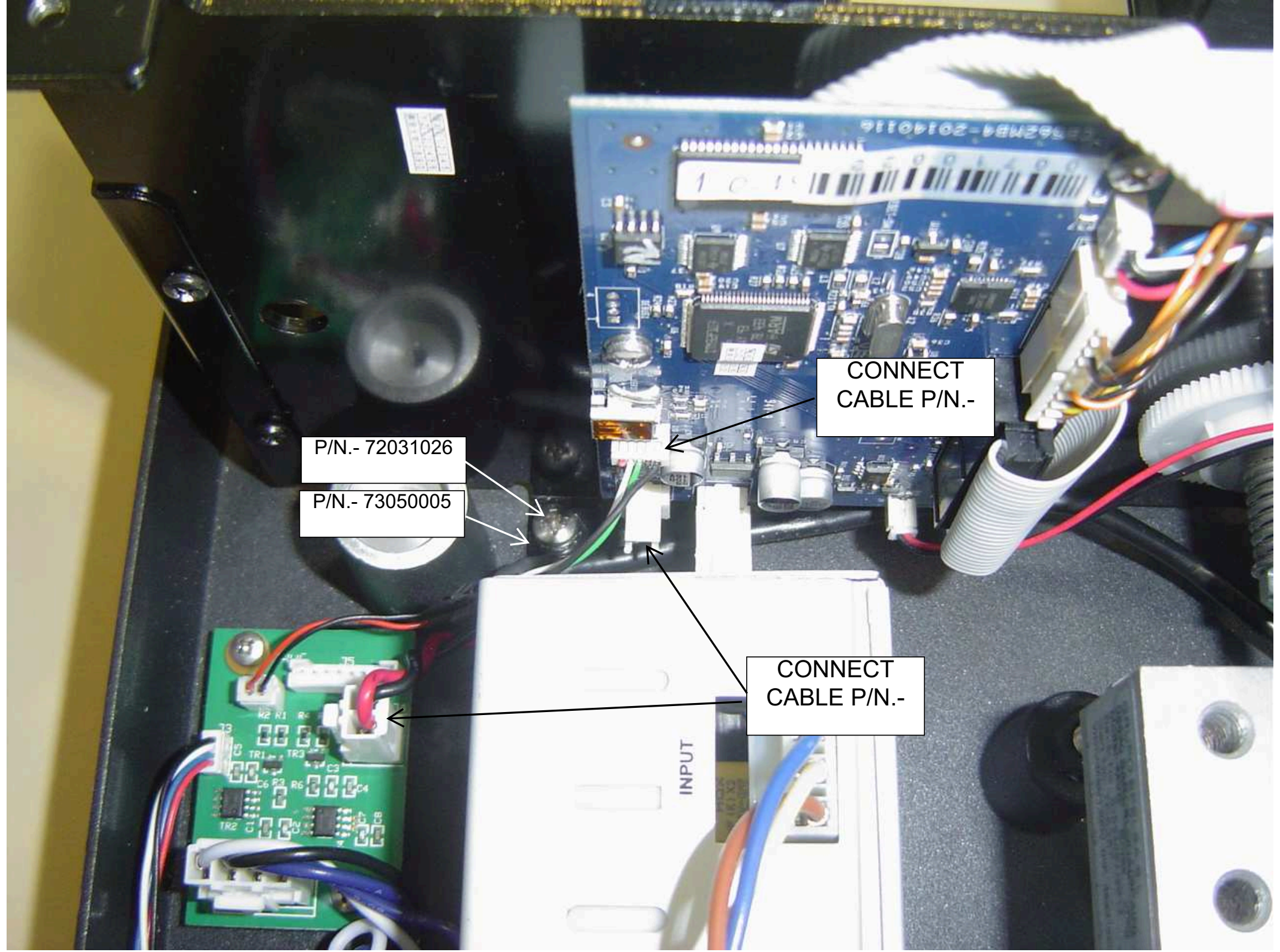
CONNECT  
HEAD PRINTER  
CABLE

PASTE THE  
STICK P/N.-  
70000456 ON  
HEAD PRINTER



CONNECT  
CABLES P/N.-  
(SEE NEXT  
PICTURE )

HOLD LABEL  
PRINTER WITH  
WHASERS P/N.-  
73050005 AND  
SCREWS P/N.-  
72031026 (SEE NEXT  
PICTURES )



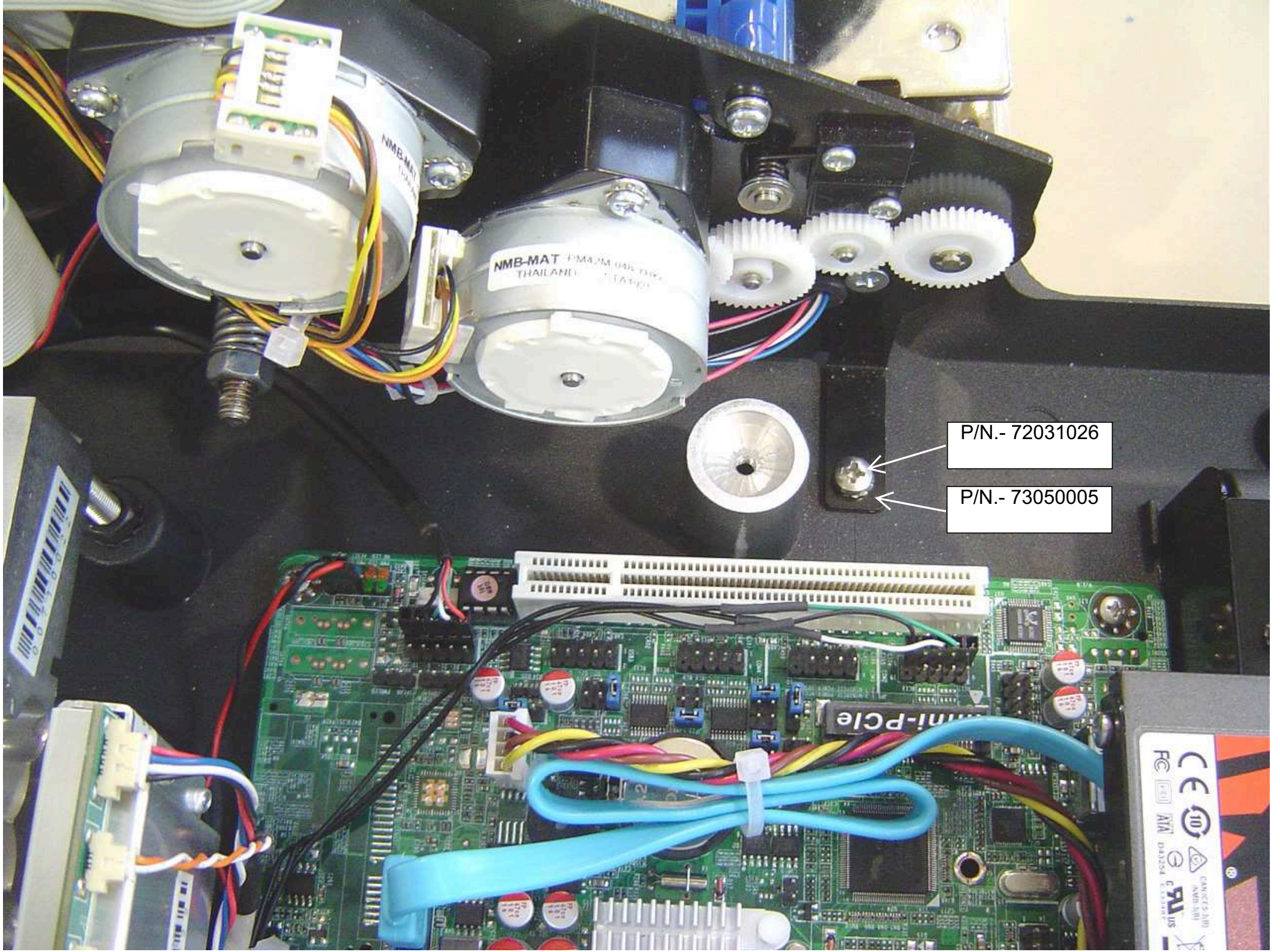
CONNECT  
CABLE P/N.-

P/N.- 72031026

P/N.- 73050005

CONNECT  
CABLE P/N.-

INPUT



P/N.- 72031026

P/N.- 73050005

# OVERVIEW





# 7.- ASSEMBLY HOUSING (COMPONENTS )

P/N.-  
71004511



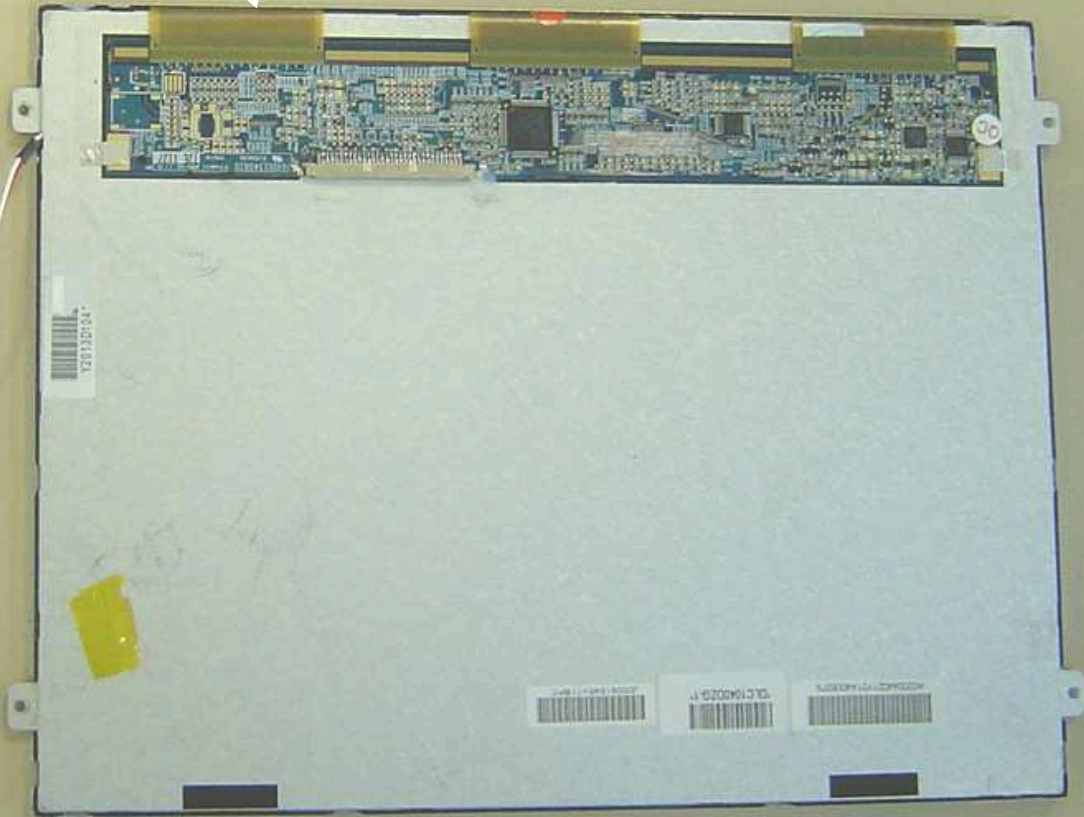
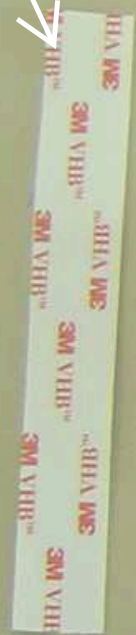
# 7.- ASSEMBLY HOUSING (COMPONENTS )

TAPE WITH  
GLUE-  
SIDED  
( 130 mm )

P/N.-  
19052171

P/N.-  
19087300

P/N.-  
19019700



# 7.- ASSEMBLY HOUSING (COMPONENTS )

P/N.-  
90114045



P/N.-  
90114039

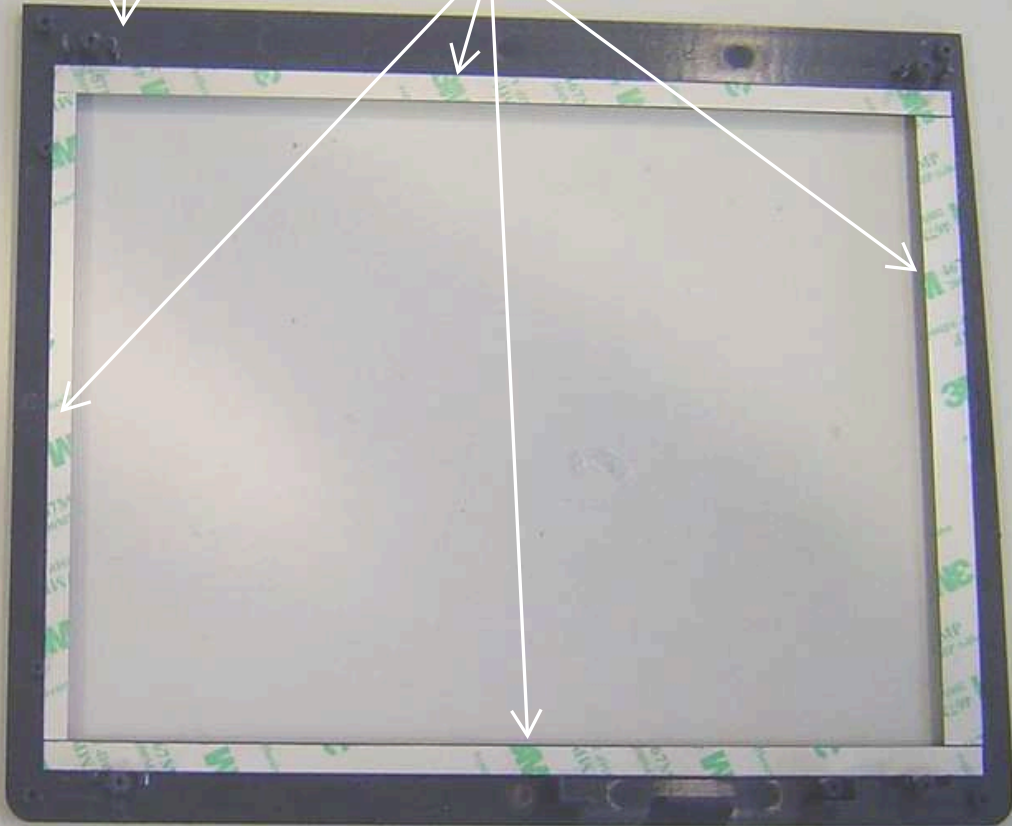


PN.-  
90113968



P/N.-  
71004512

ADHESIVE  
STRIPS



P/N.-  
90114040

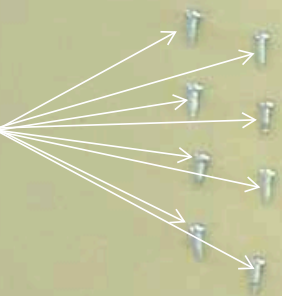


# 7.- ASSEMBLY HOUSING (COMPONENTS )

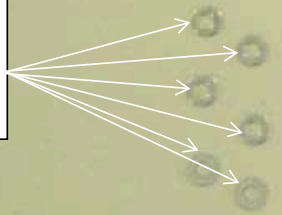
P/N.- 19018900



P/N.-  
72056002  
(8)



P/N.-  
72200009  
(6)



P/N.-  
71210553  
(2)



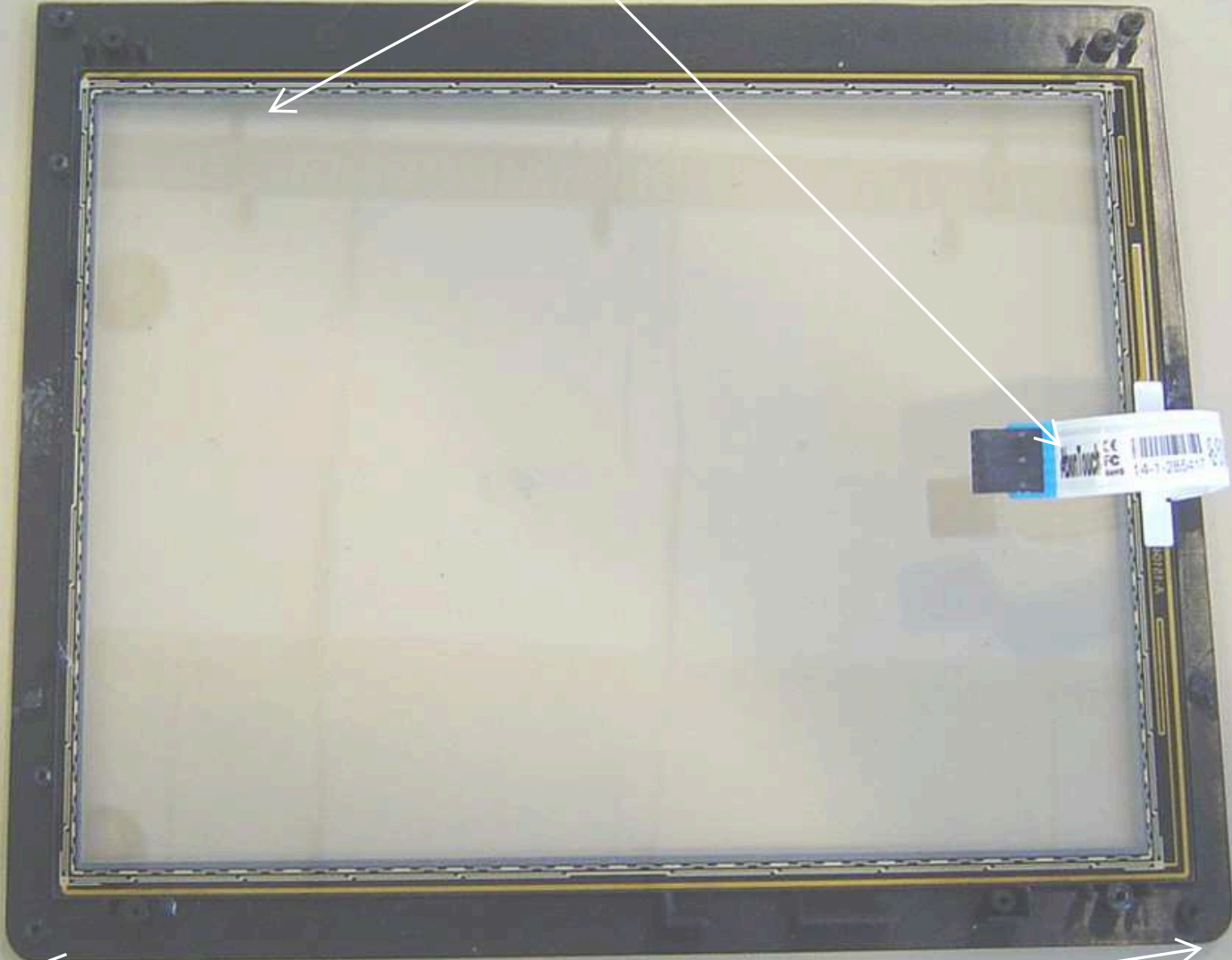
P/N.-  
71004341



P/N.-  
79000015



REMOVE THE PROTECTOR OF ADHESIVE STRIPS OF PIECE P/N.- 71004512 AND PASTE THE TOUCH SCREEN P/N.- 19018900 AT THIS POSITION,



ROUNDED CORNERS

HOLD THE MONITOR WITH SCREWS P/N.-  
72056002 AND THE CLIPS FIXING  
MONITOR P/N.- 71210553, PUTTING THE  
WHASER P/N.- 72200009

P/N.-  
72056002

P/N.-  
72200009

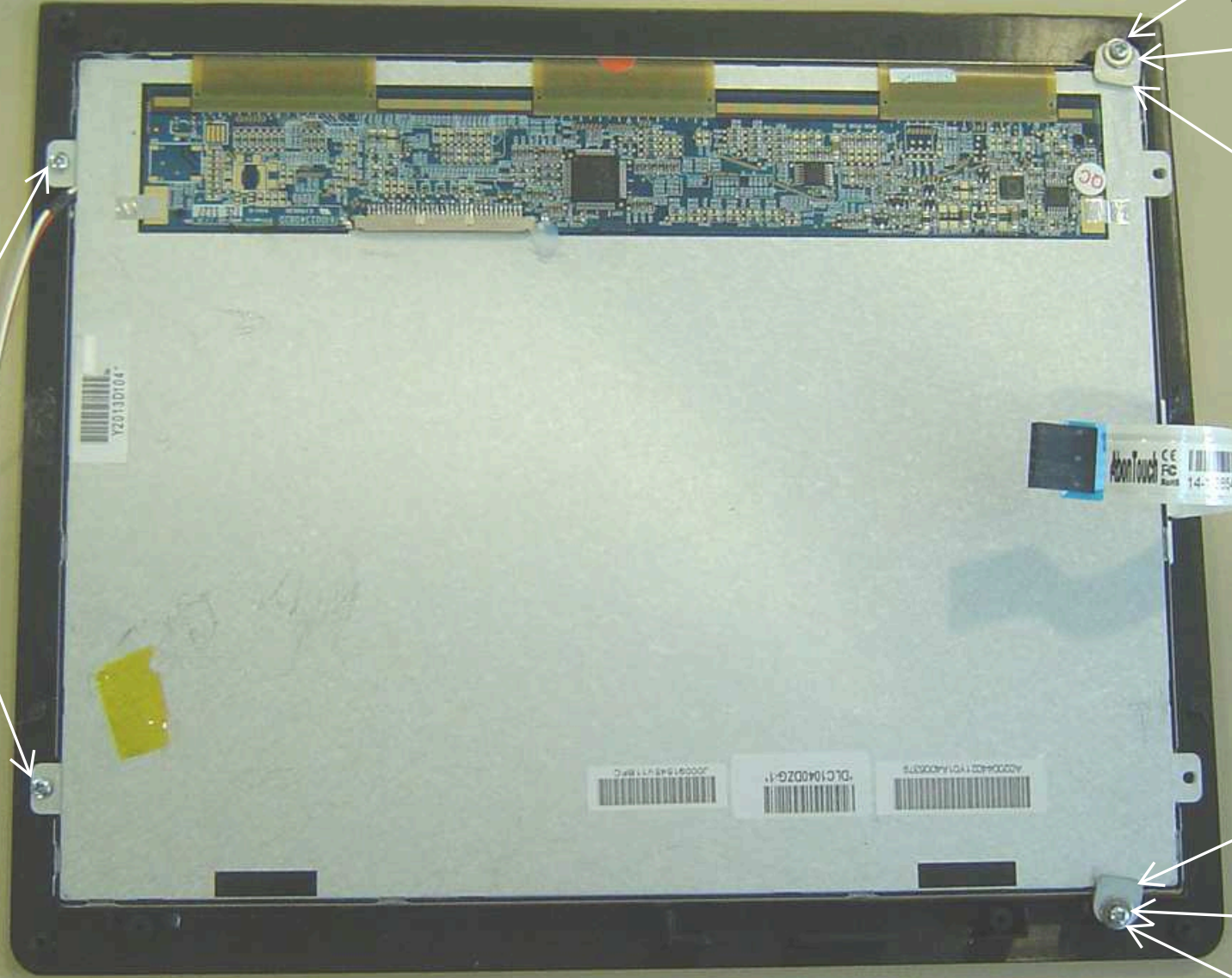
P/N.-  
71210553

P/N.-  
72056002

P/N.-  
71210553

P/N.-  
72200009

P/N.-  
72056002



PASTE THE TAPE WITH GLUE-SIDED ON BOARD P/N.- 19052171



CUT THE PINES TO AVOID SHORT CIRCUIT

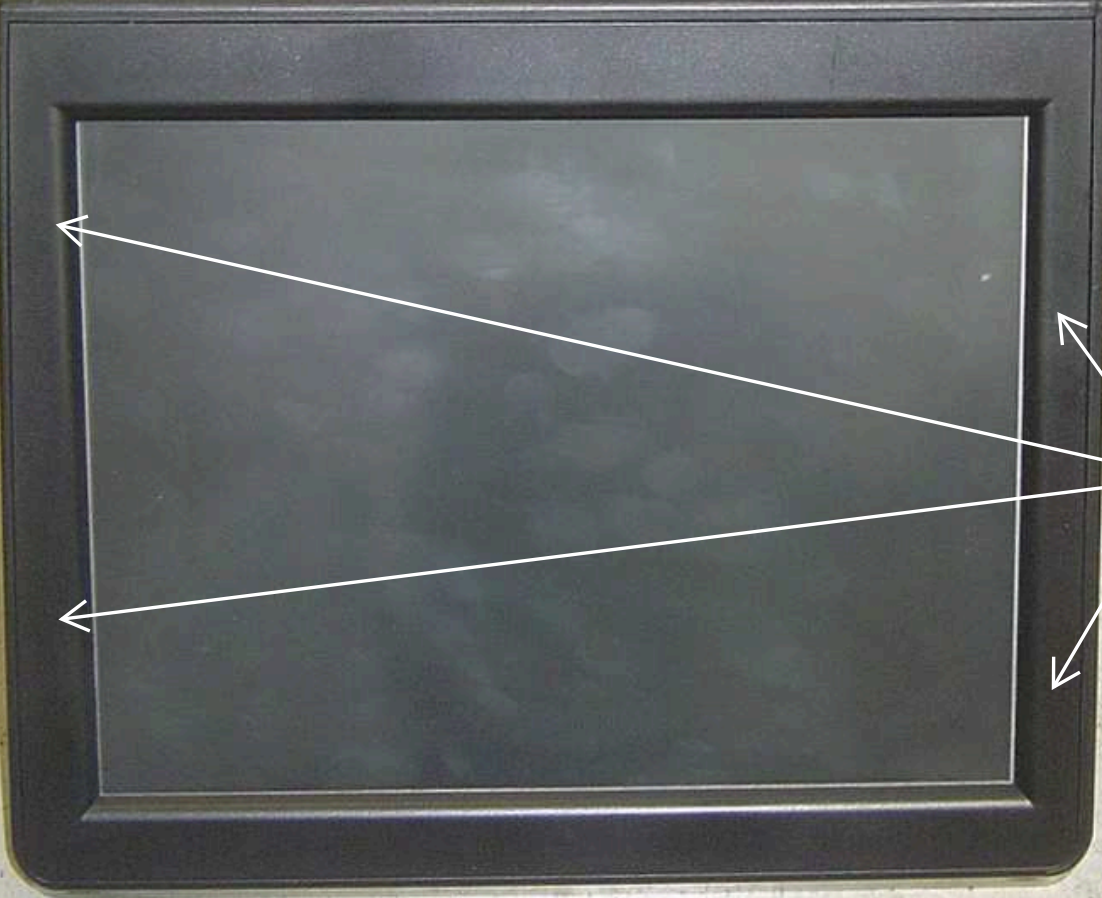
PASTE THE TAPE WITH GLUE-SIDED ON BOARD P/N.- 19087300





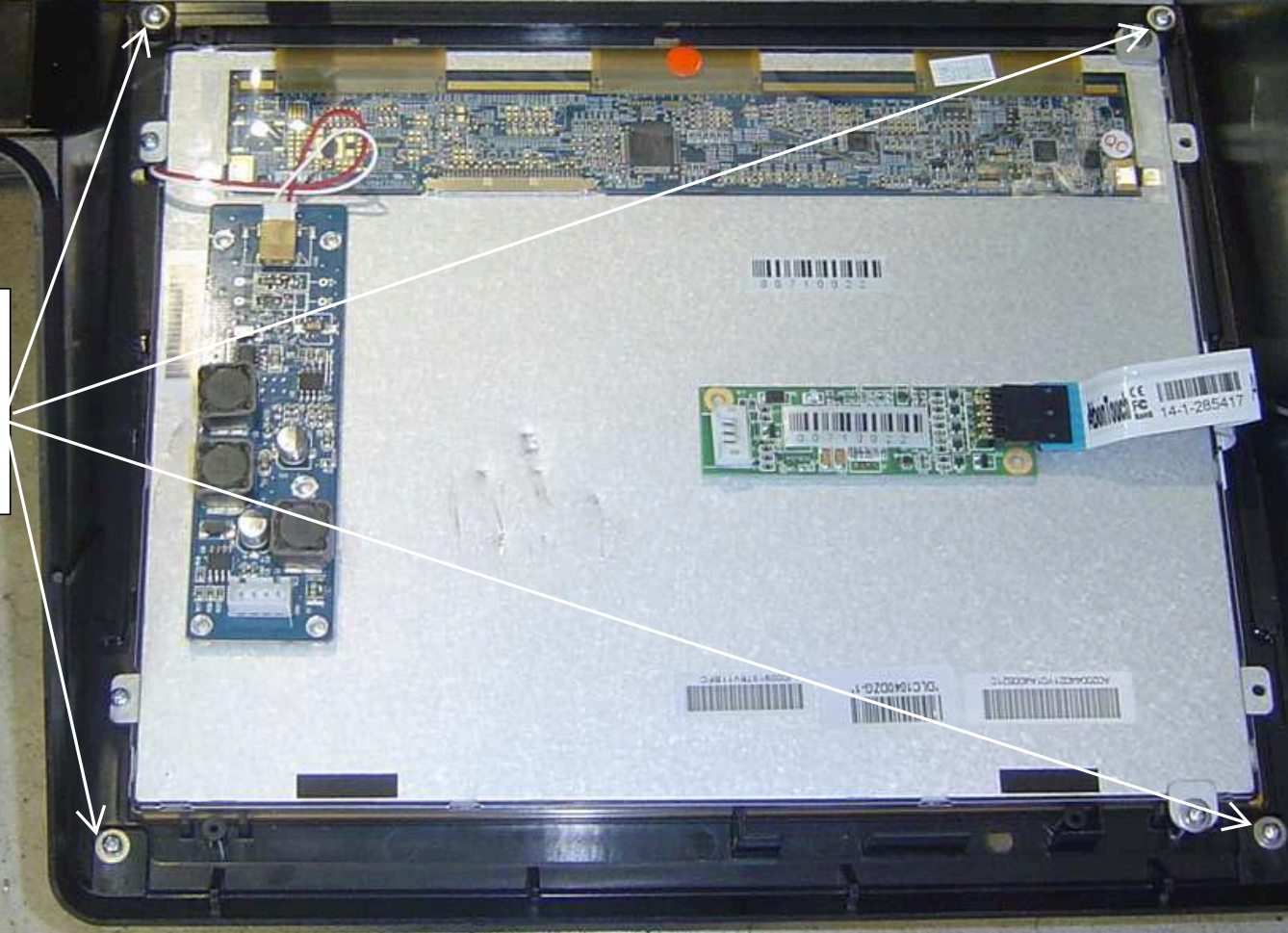


ASSEMBLY THE LEVEL  
SUPPORT P/N.- 71004341 AND  
PUT INSIDE THE LEVEL P/N.-  
79000015



ASSEMBLY THE PIECE P/N.-  
71004512 AND HOLD WITH  
WHASERS P/N.- 72200009 AND  
SCREWS P/N.- 72056002 (SEE  
NEXT PICTURE )

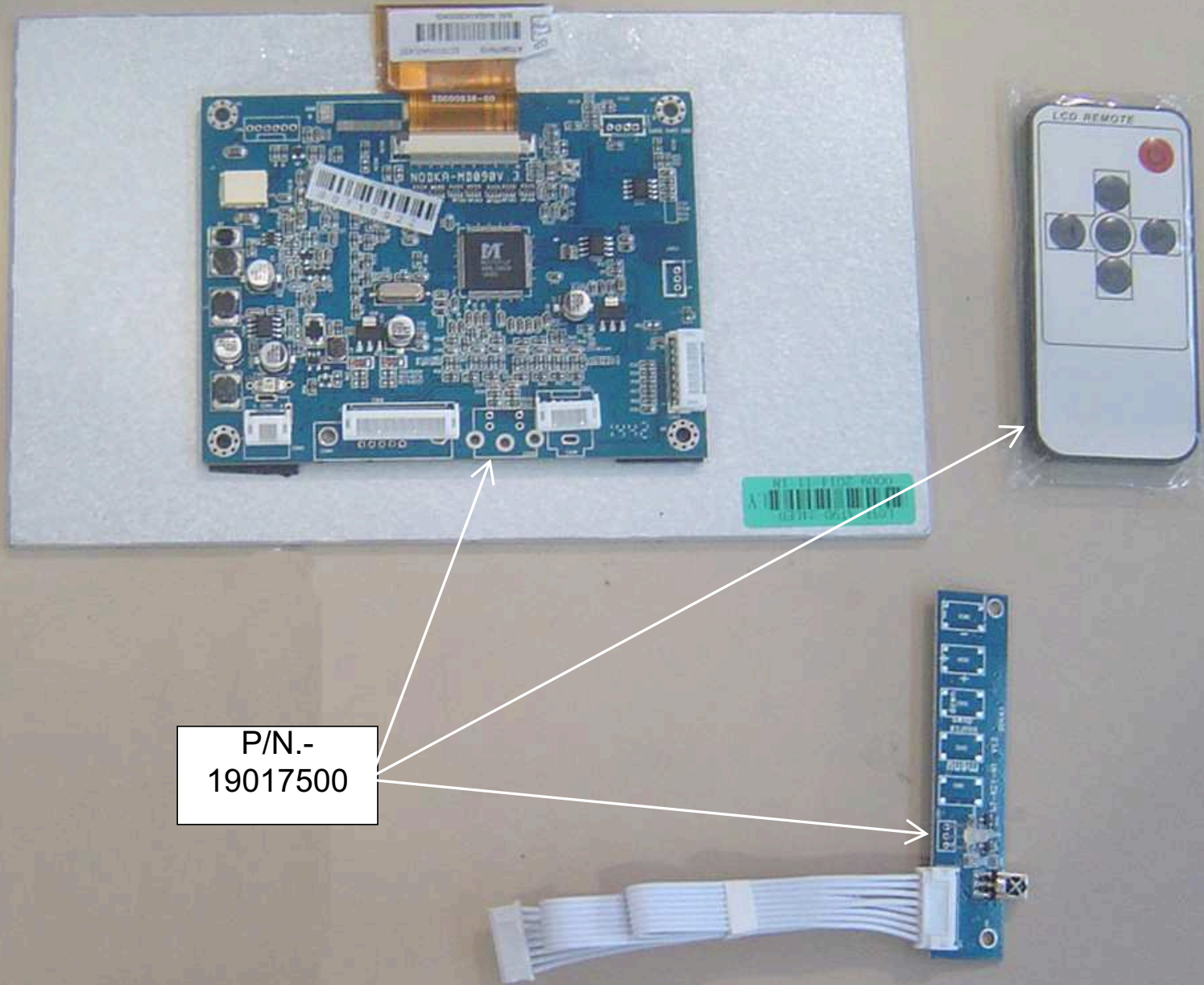
HOLD WITH  
WHASERS P/N.-  
72200009 AND  
SCREWS P/N.-  
72056002



OVERVIEW



# 8.- ASSEMBLY BACK MONITOR (COMPONENTS )



P/N.-  
19017500

# 8.- ASSEMBLY BACK MONITOR (COMPONENTS )

P/N.-  
71004514



ONE SIDE  
STICKED



P/N.-  
72056002



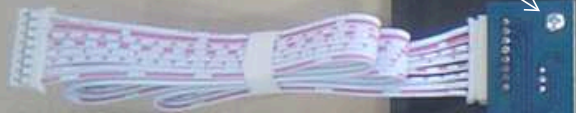
P/N.-  
72056007  
(8)



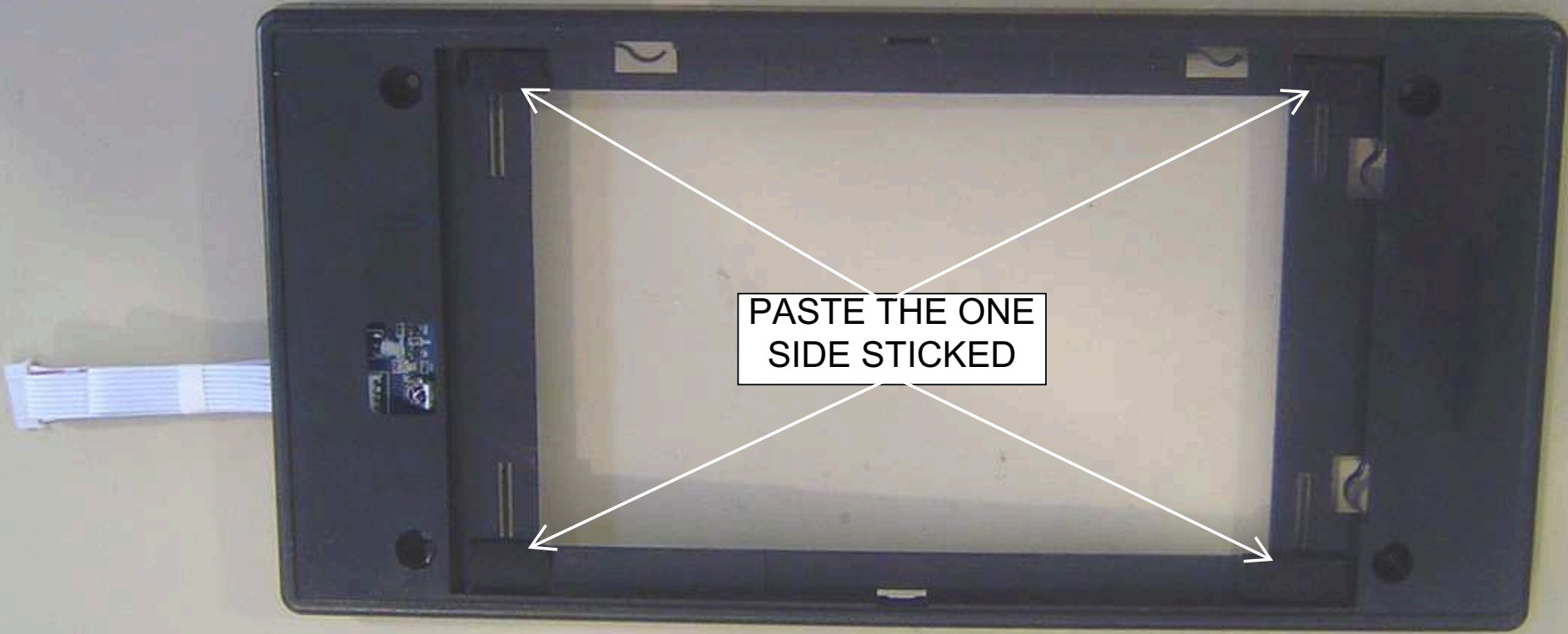
P/N.-  
71004449



HOLD THE  
DETECTOR  
WITH A  
SCREW P/N.-  
72056002 IN  
PIECE P/N.-  
71004449



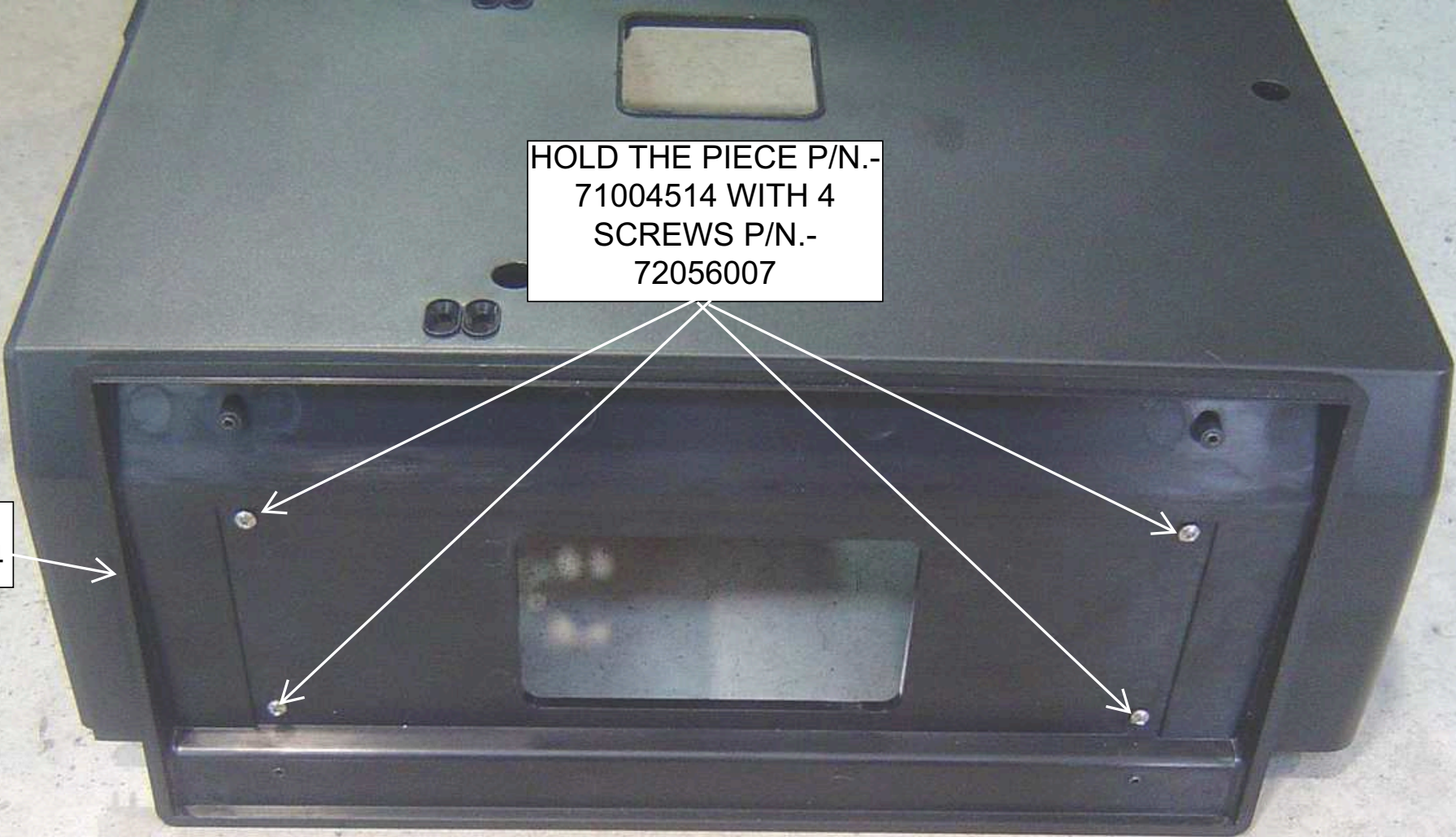
FRONTAL VIEW



PASTE THE ONE  
SIDE STICKED

HOLD THE PIECE P/N.-  
71004514 WITH 4  
SCREWS P/N.-  
72056007

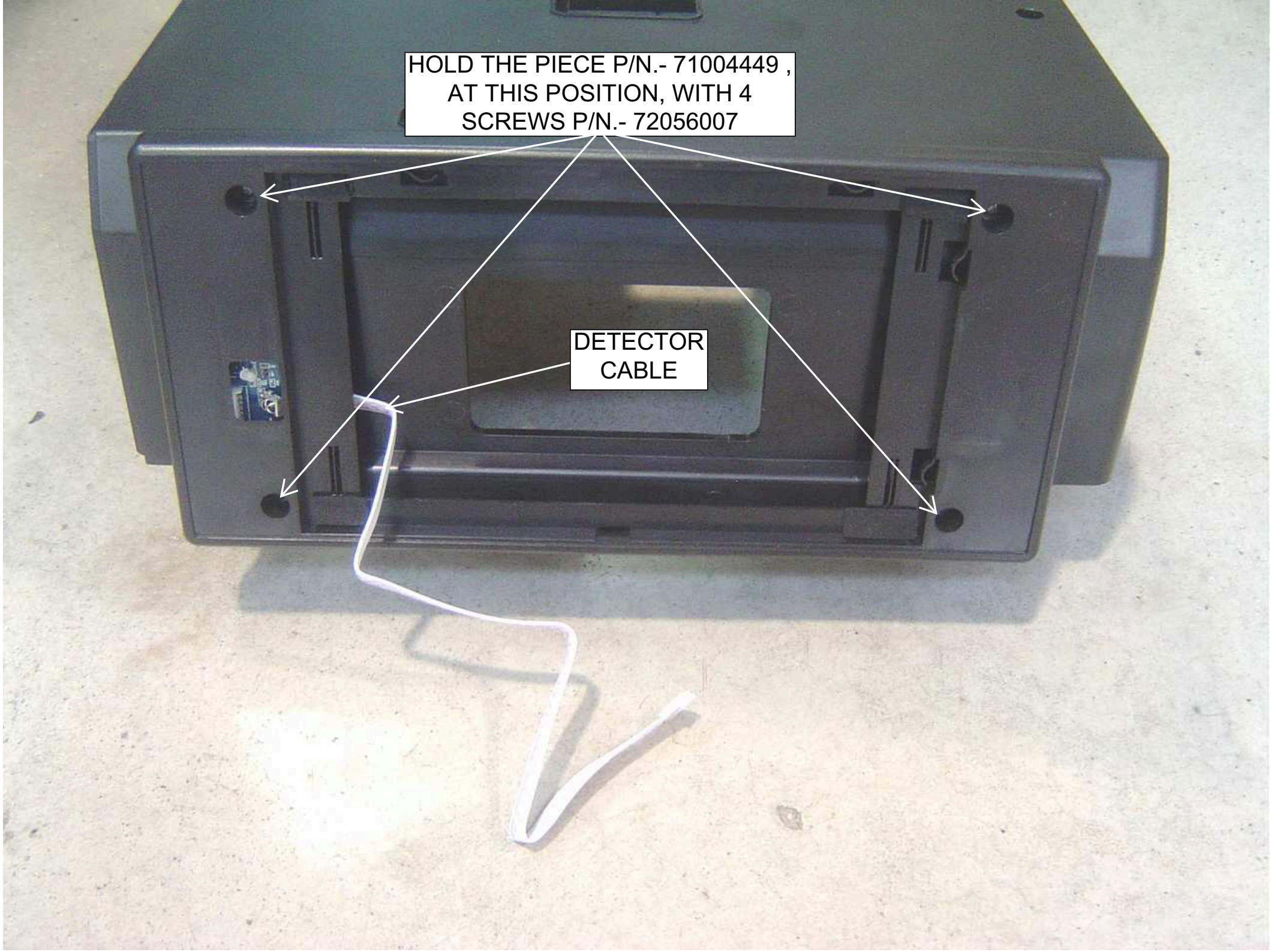
P/N.-  
71004514





HOLD THE PIECE P/N.- 71004449 ,  
AT THIS POSITION, WITH 4  
SCREWS P/N.- 72056007

DETECTOR  
CABLE



CONNECT CABLE  
P/N.- 90113968.  
THE CONNECTOR  
PART WITHOUT  
PINS TO LEFT

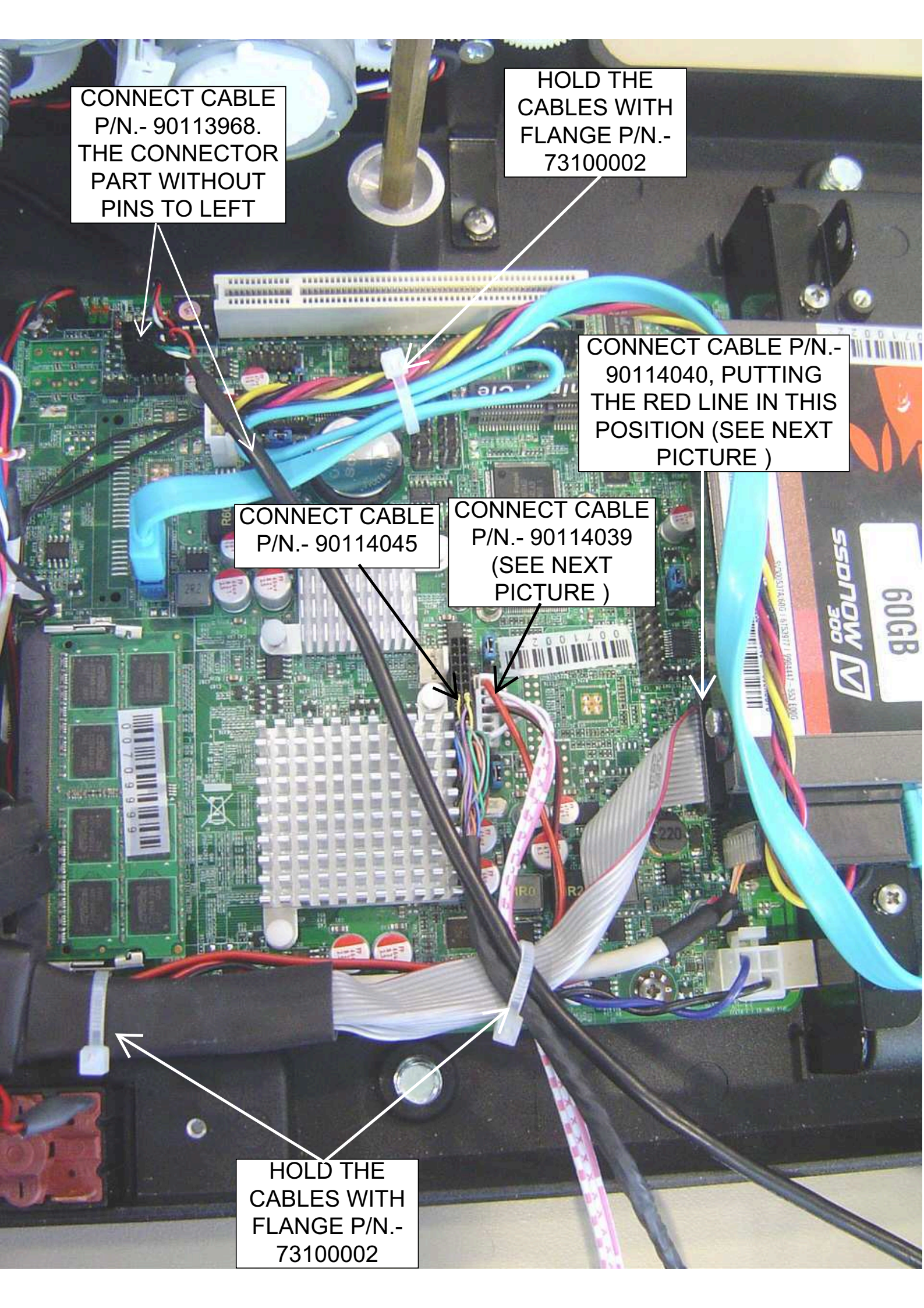
HOLD THE  
CABLES WITH  
FLANGE P/N.-  
73100002

CONNECT CABLE P/N.-  
90114040, PUTTING  
THE RED LINE IN THIS  
POSITION (SEE NEXT  
PICTURE )

CONNECT CABLE  
P/N.- 90114045

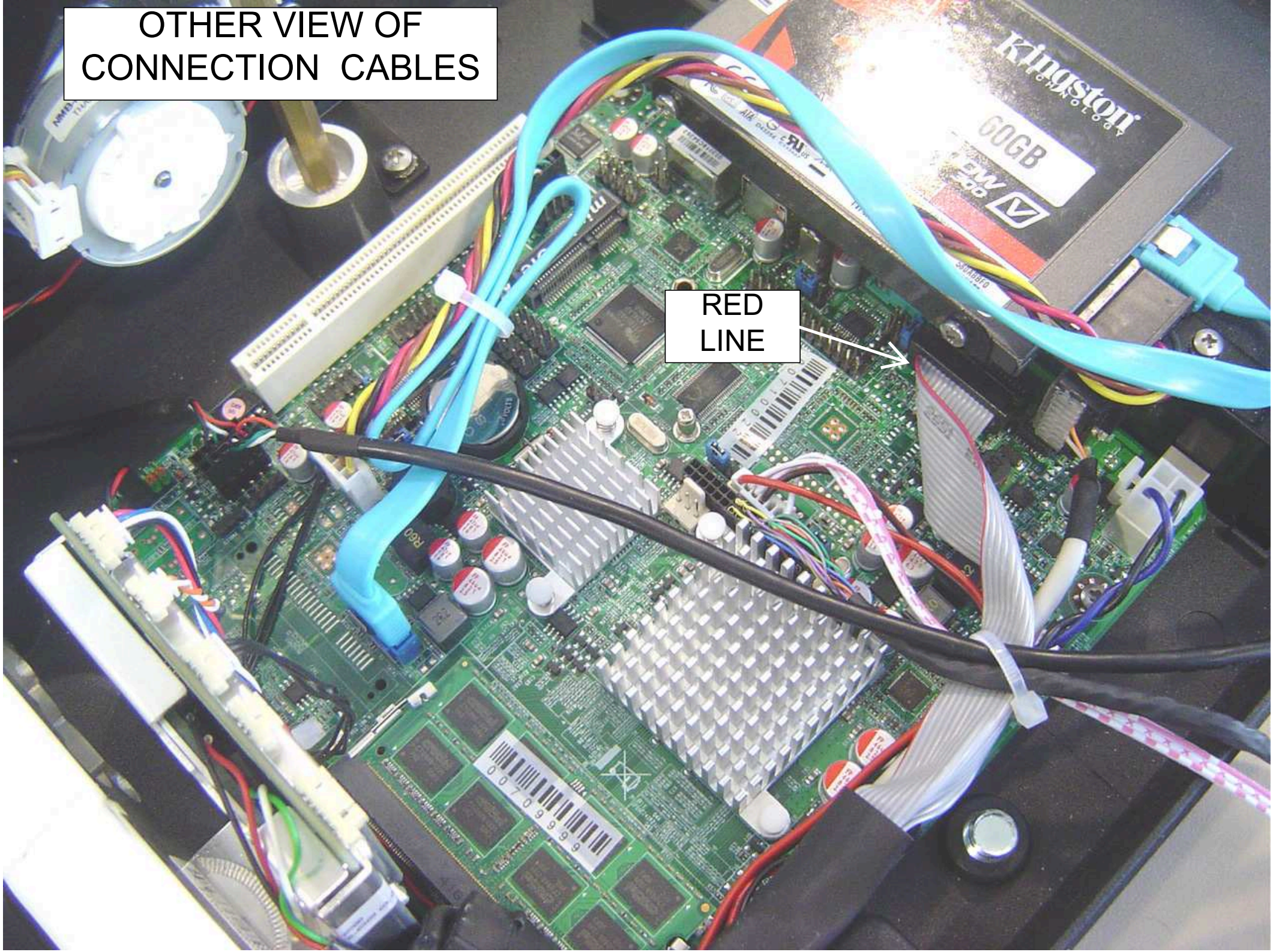
CONNECT CABLE  
P/N.- 90114039  
(SEE NEXT  
PICTURE )

HOLD THE  
CABLES WITH  
FLANGE P/N.-  
73100002

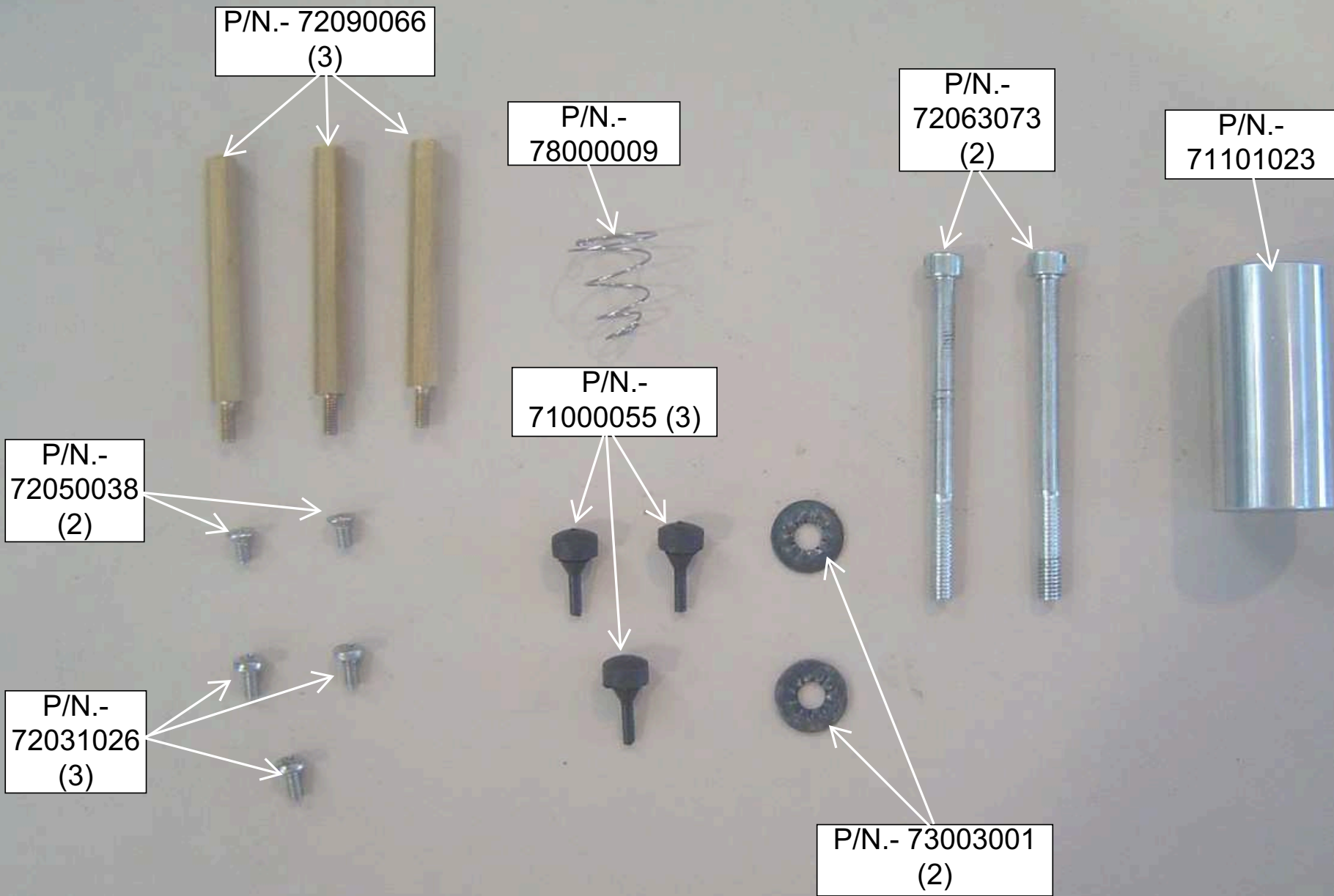


OTHER VIEW OF CONNECTION CABLES

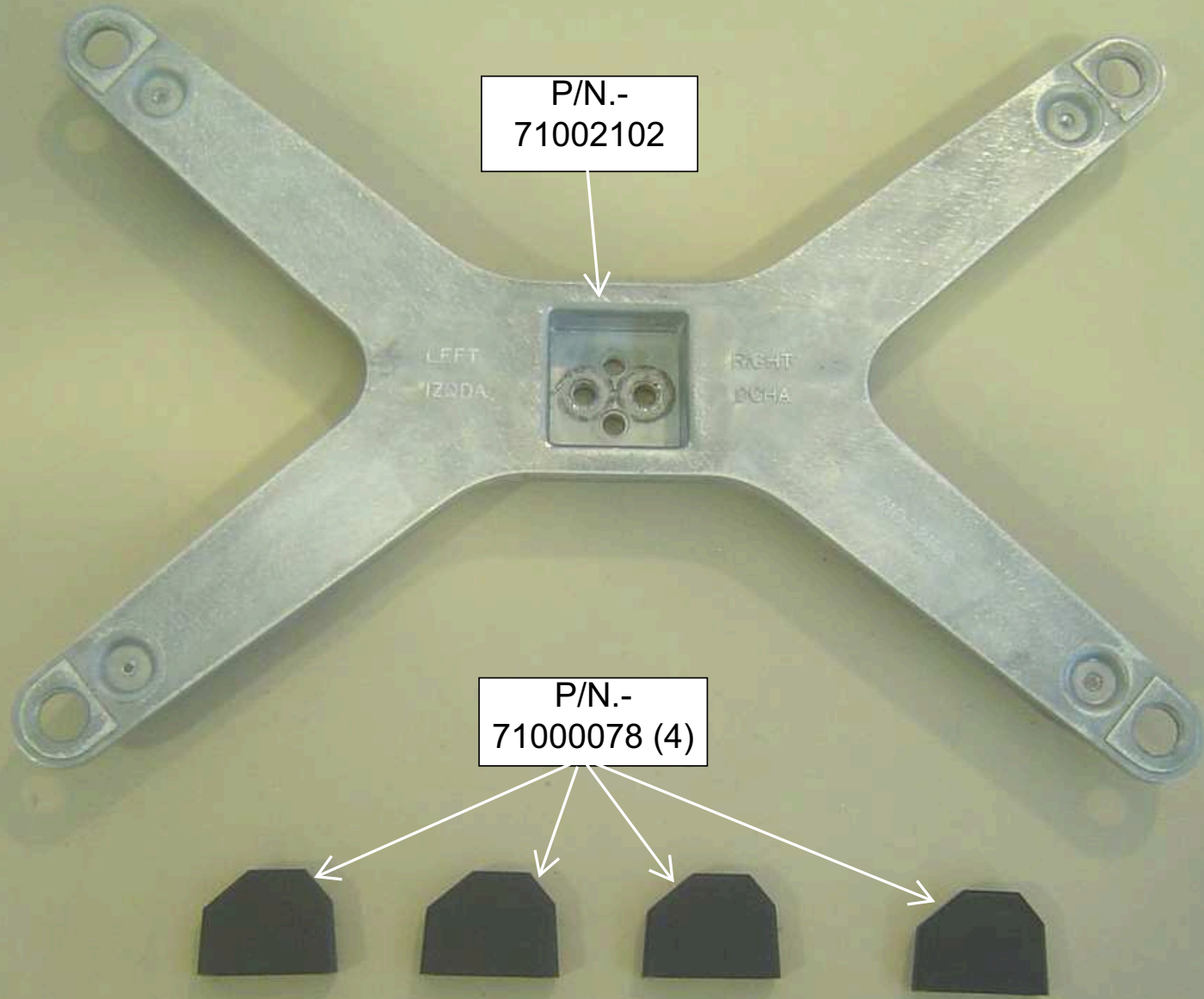
RED LINE

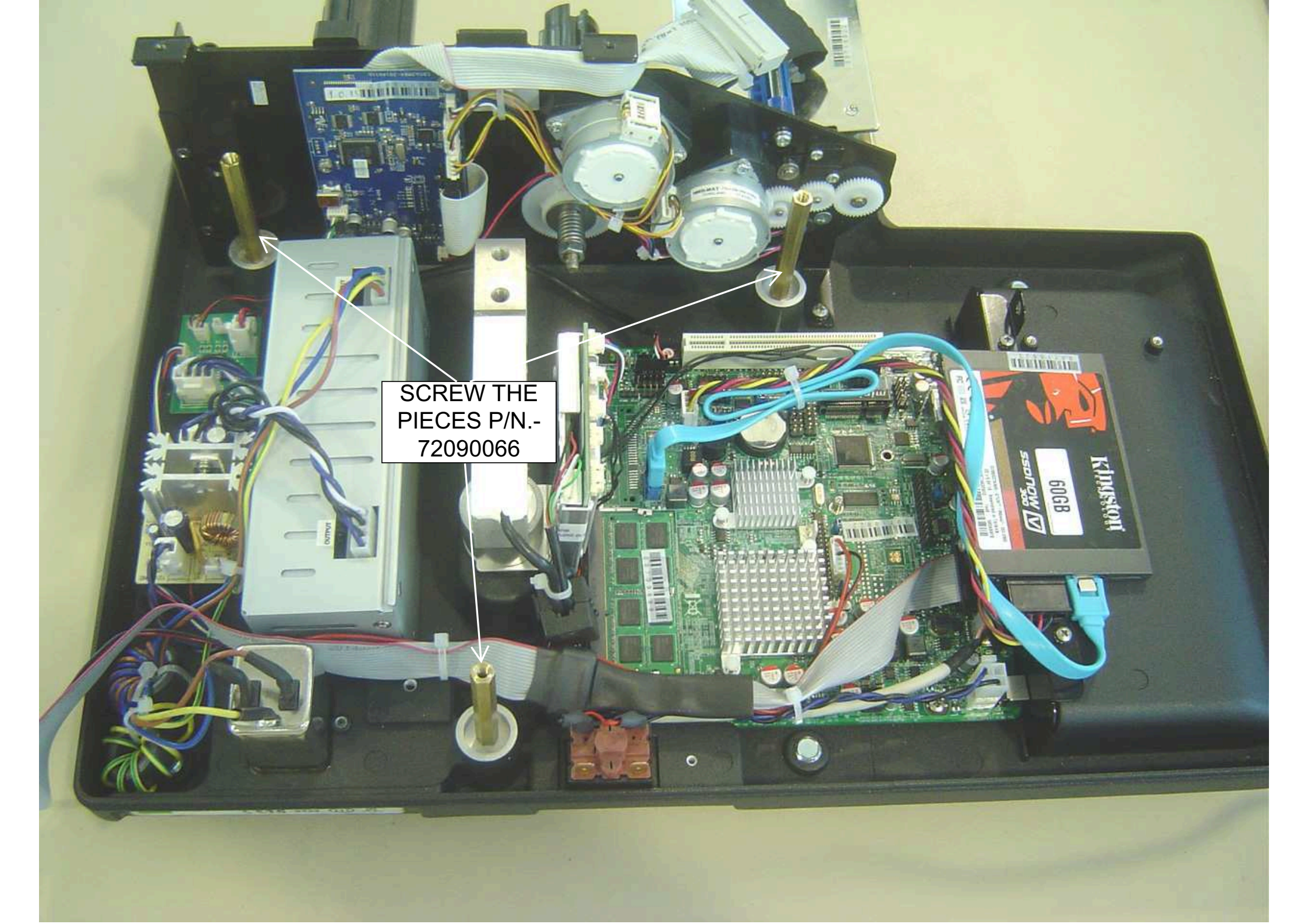


# 9.- ASSEMBLY UP CROSS ( COMPONENTS )



# 9.- ASSEMBLY UP CROSS ( COMPONENTS )

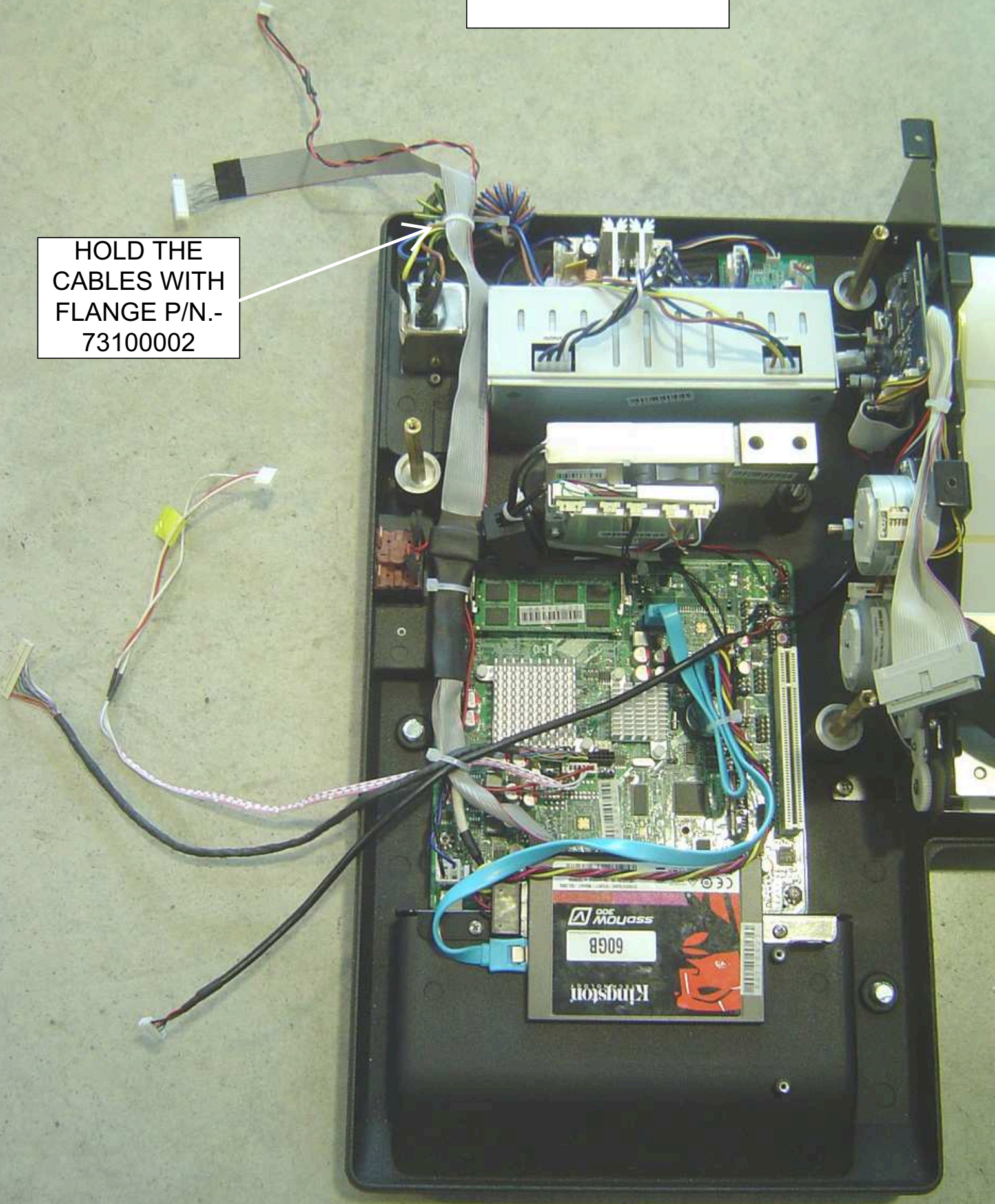


The image shows the internal components of a device, likely a portable media player or a small computer. A central green printed circuit board (PCB) is populated with various components, including a large silver heat sink, several capacitors, and integrated circuits. To the right of the PCB is a 60GB Kingston SATA hard drive. On the left, there is a white plastic component, possibly a battery or a power management unit, with several colored wires connected to it. At the top, there are two silver cylindrical components, possibly motors or sensors, connected to the PCB via ribbon cables. A white metal bracket is positioned vertically in the center, and three brass screws are being used to secure it to the device's chassis. A text box with a black border and white background contains the text "SCREW THE PIECES P/N.- 72090066". Three white arrows point from the text box to the three brass screws: one points to the top-left screw, one points to the top-right screw, and one points to the bottom-center screw. The entire assembly is housed in a black plastic chassis.

SCREW THE  
PIECES P/N.-  
72090066

# OVERVIEW

HOLD THE  
CABLES WITH  
FLANGE P/N.-  
73100002

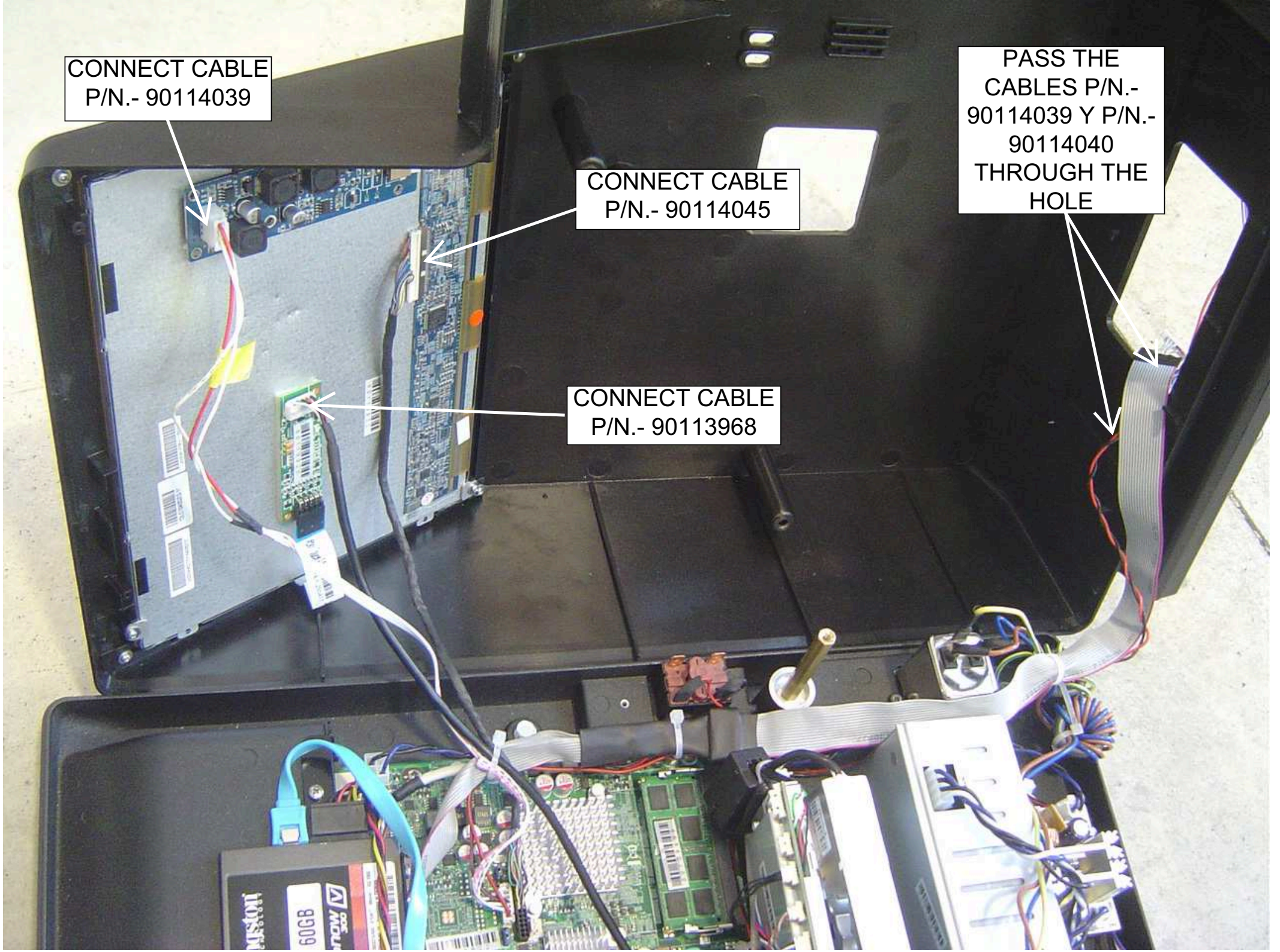


CONNECT CABLE  
P/N.- 90114039

CONNECT CABLE  
P/N.- 90114045

CONNECT CABLE  
P/N.- 90113968

PASS THE  
CABLES P/N.-  
90114039 Y P/N.-  
90114040  
THROUGH THE  
HOLE

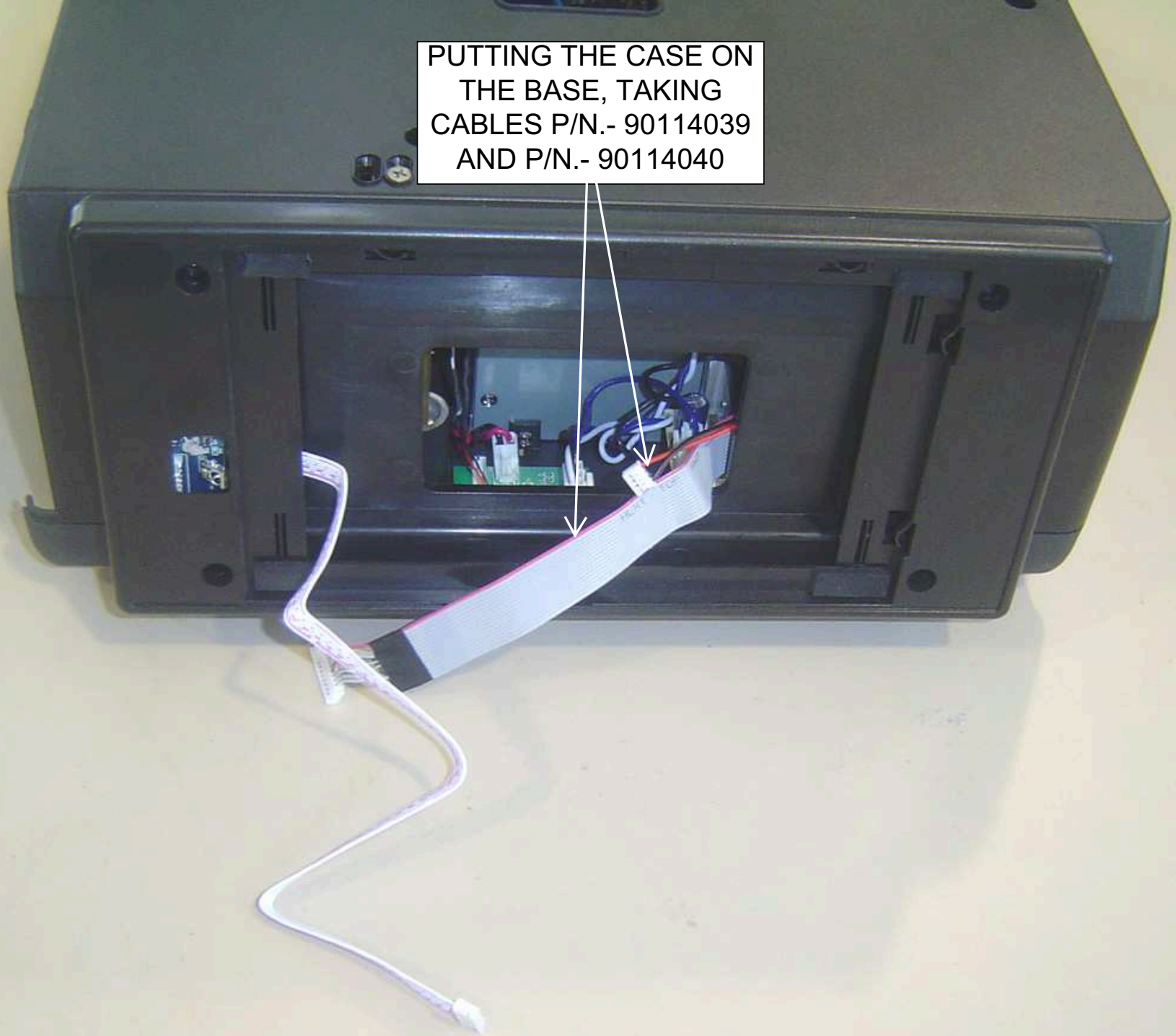




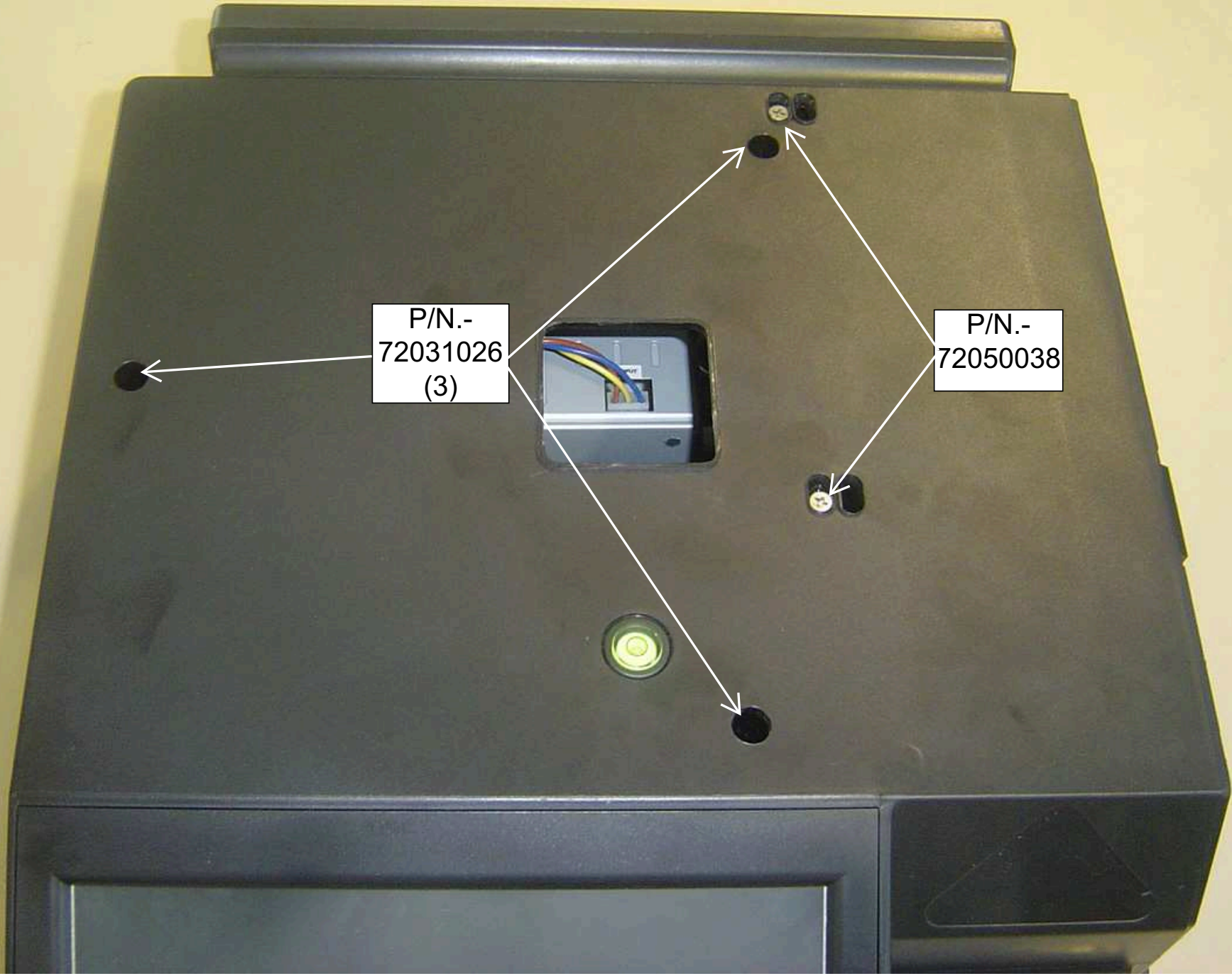
# OVERVIEW



PUTTING THE CASE ON  
THE BASE, TAKING  
CABLES P/N.- 90114039  
AND P/N.- 90114040



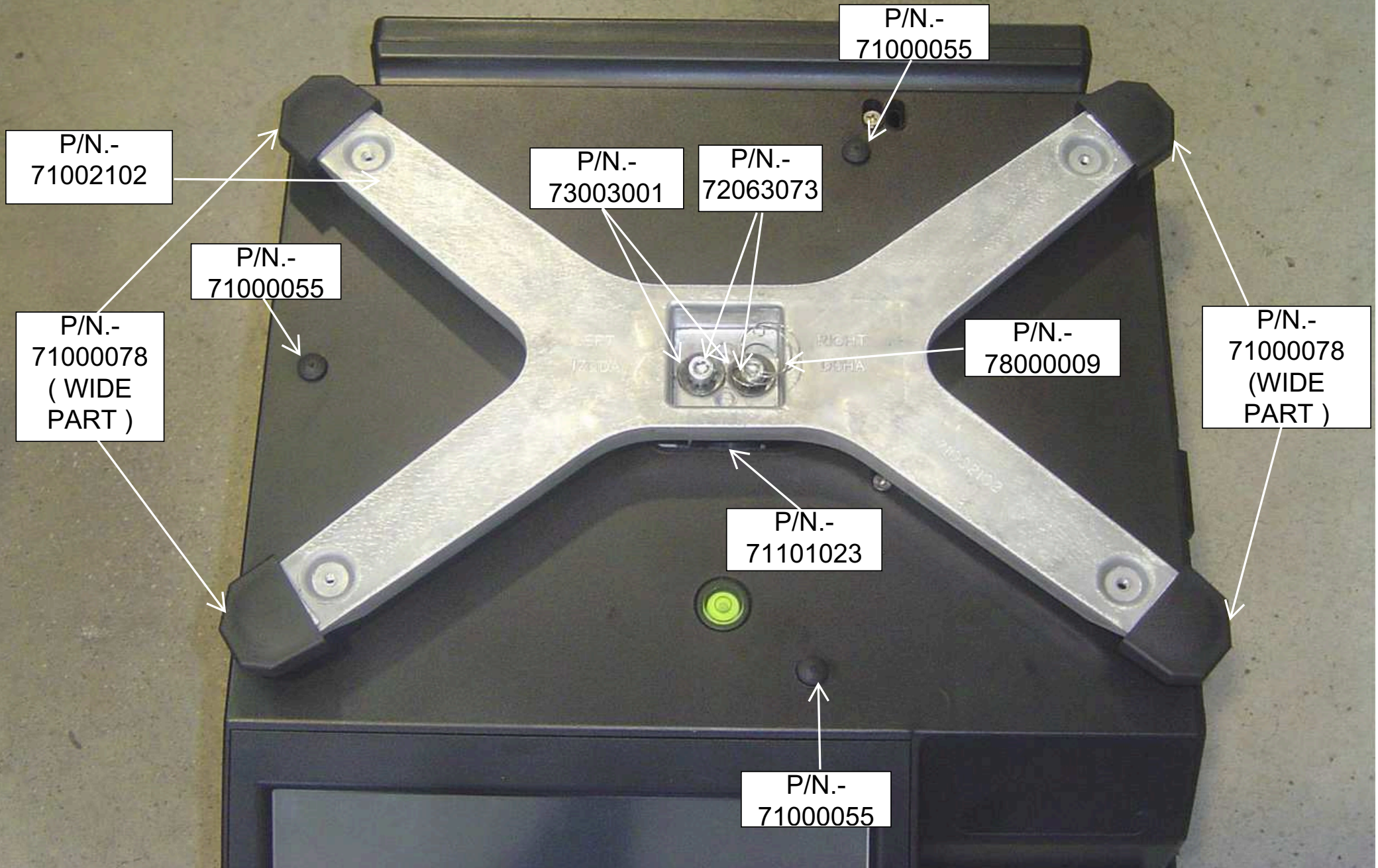
HOLD THE CASE WITH TWO  
SCREWS P/N.- 72050038 AND THREE  
SCREWS P/N.- 72031026



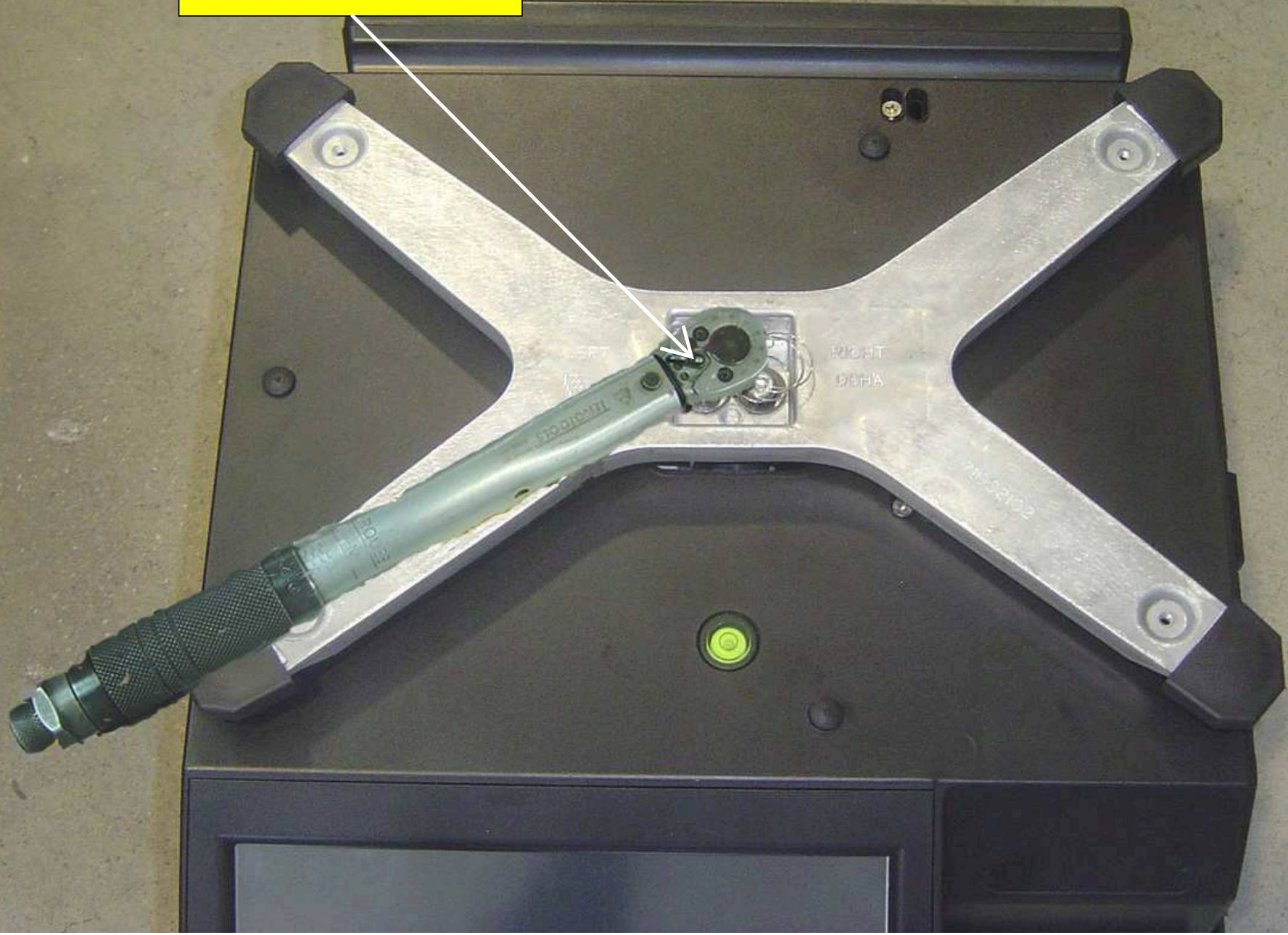
P/N.-  
72031026  
(3)

P/N.-  
72050038

ASSEMBLY CROSS P/N.- 71002102, PUTTING THE SUPPLEMENT 59 mm P/N.- 71101023, AND SECURE WITH WHASERS P/N.- 73003001 AND SCREWS P/N.- 72063073. ALSO PUT THE SPRING P/N.- 78000009. PUTTING ON THE CROSS THE RUBBER IN THE POSITION INDICATED. PUTTING IN THE CASE THE STOPPERS P/N.- 71000055



TIGHTEN WITH A  
REGULATED TOOL TO A  
TIGHTENING TORQUE  
11 Nm



# 10.- ASSEMBLY LABEL PRINTER DOOR, COVER AND PAN SCALE ( COMPONENTS )

P/N.-  
71004438



P/N.-  
79202004



P/N.-  
70010321

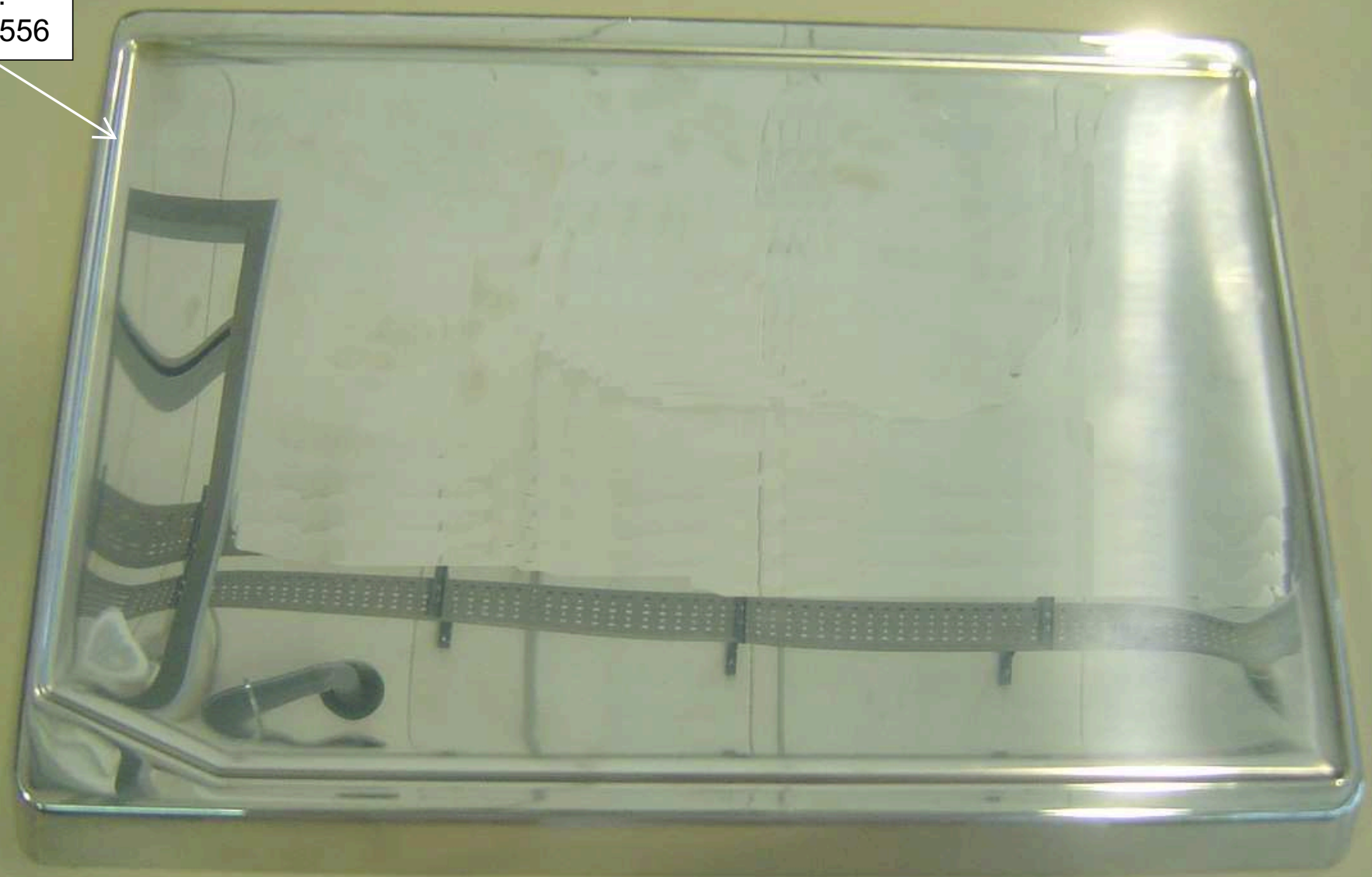
# 10.- ASSEMBLY LABEL PRINTER DOOR, COVER AND PAN SCALE (COMPONENTS )

P/N.- 70005235



10.- ASSEMBLY LABEL PRINTER DOOR, COVER AND PAN SCALE ( COMPONENTS )

P/N.-  
71210556





FIT THE SIDE CLOSING DOOR  
INSERT THE OUTSIDE TOWARD  
THE INSIDE (SEE NEXT  
PICTURE )



INTERNAL VIEW



FIT DOOR  
BASE  
PIVOTS

PASTE LABEL P/N.-  
70010321 AT LABEL  
PRINTER DOOR

**CARGA DEL ROLLO**      **ROLLO DE ETIQUETAS**  
**PAPER LOADING**      **PAPER ROLL**

**PALANCA DE APERTURA**      **PRIMERA ETIQUETA**  
**OPEN LEVER**      **FIRST LABEL**

**PAPEL SOPORTE**      **REBOBINADOR**  
**LINER**      **WINDER**

- 1- Quitar algunas etiquetas al principio del rollo (40 cm o más)
- 2- Insertar el rollo de papel
- 3- Levantar la palanca
- 4- Introducir el papel soporte en el rebobinador
- 5- Bajar la palanca

- 1- Remove some labels at the beginning of the roll (40 cm or more)
- 2- Insert the paper roll
- 3- Move up the lever
- 4- Connect the liner to the winder
- 5- Close the lever

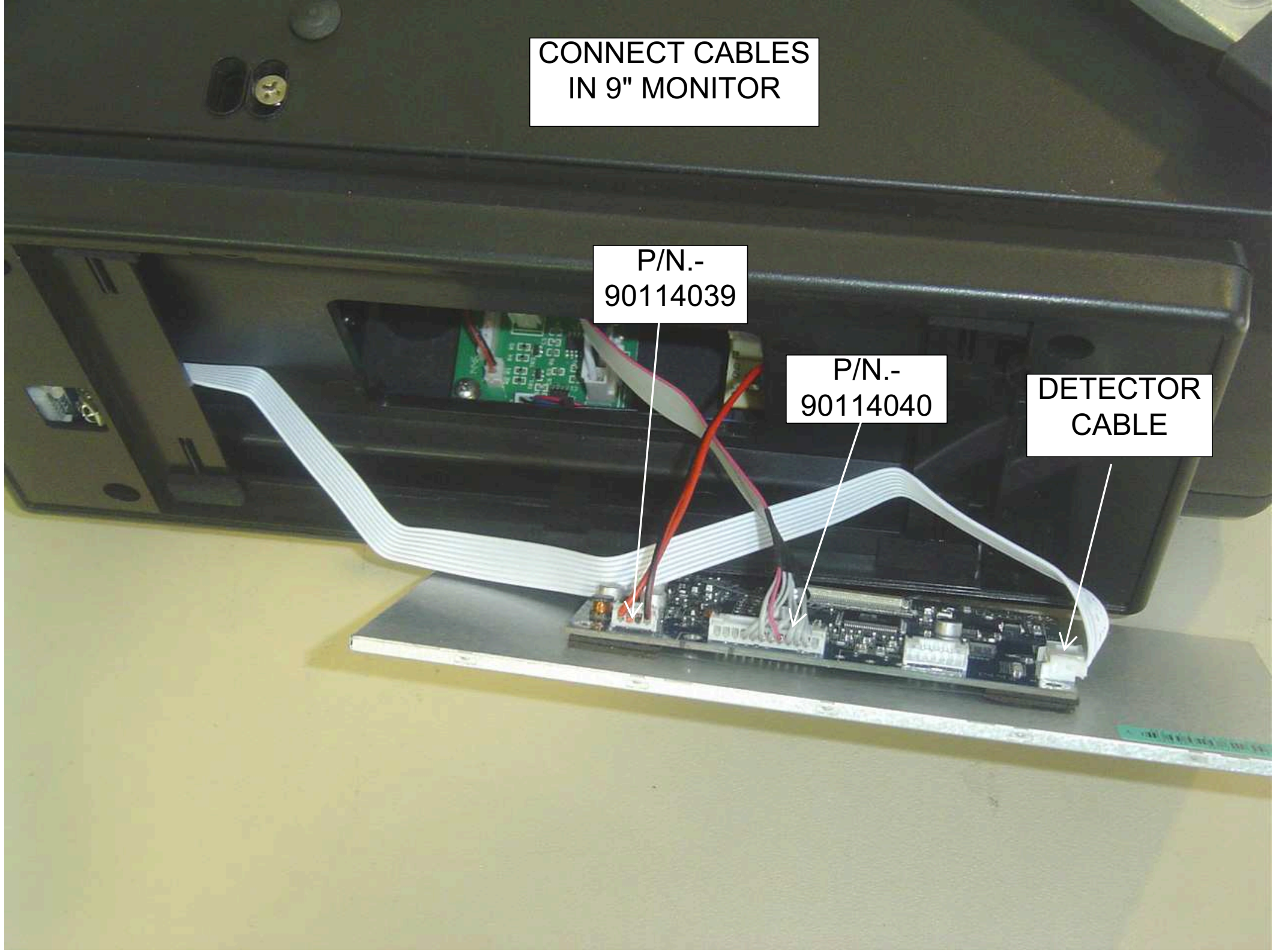


CONNECT CABLES  
IN 9" MONITOR

P/N.-  
90114039

P/N.-  
90114040

DETECTOR  
CABLE

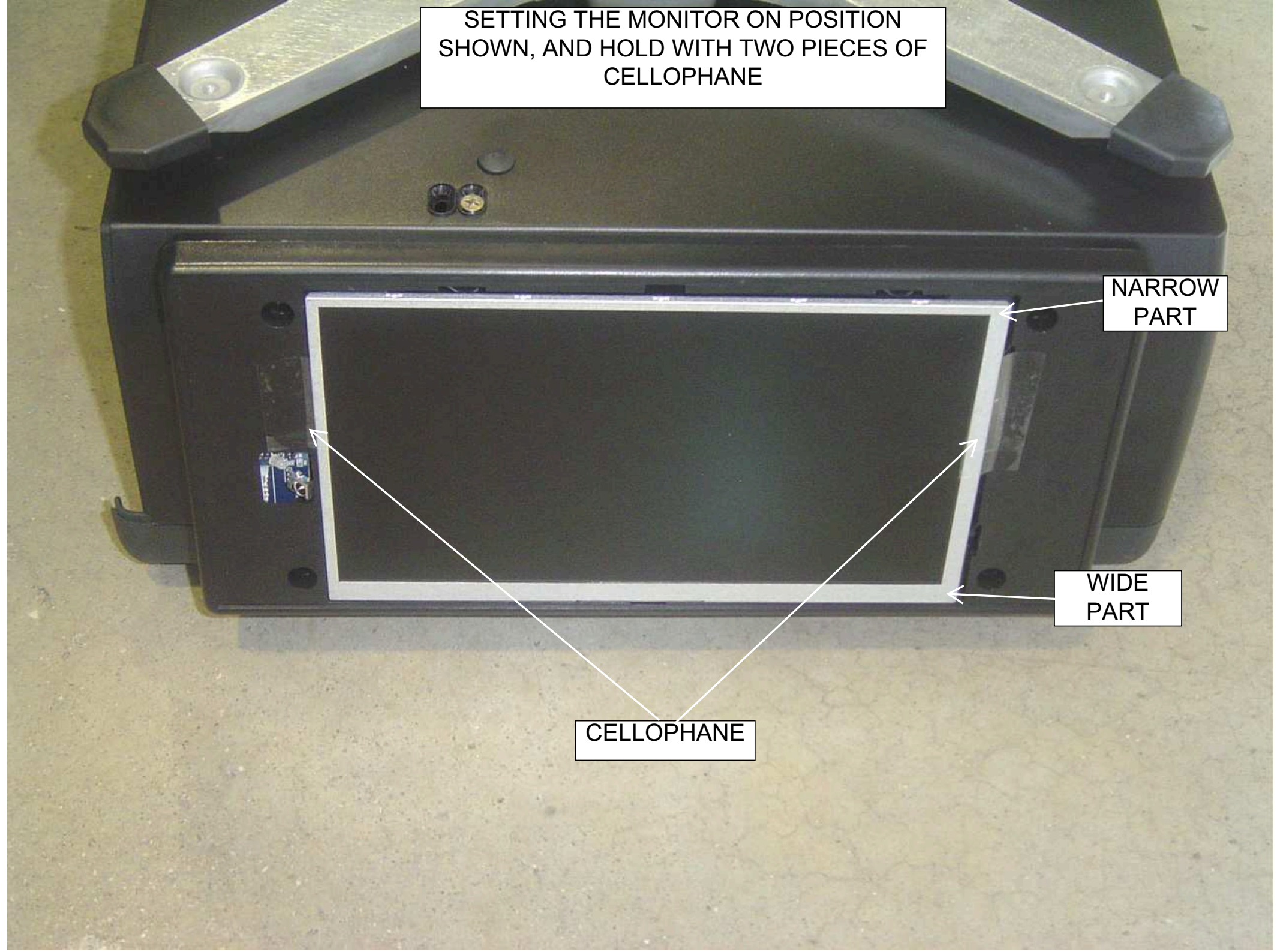


SETTING THE MONITOR ON POSITION  
SHOWN, AND HOLD WITH TWO PIECES OF  
CELLOPHANE

NARROW  
PART

WIDE  
PART

CELLOPHANE





PASTE THE COVER  
P/N.- 70005235 AT  
CORRECT POSITION

PUT THE  
PAN SCALE  
P/N.-  
71210556



# 11.- FINISH (COMPONENTS)

PLIERS FOR SEALING



P/N.- 70000868



P/N.- 70010337

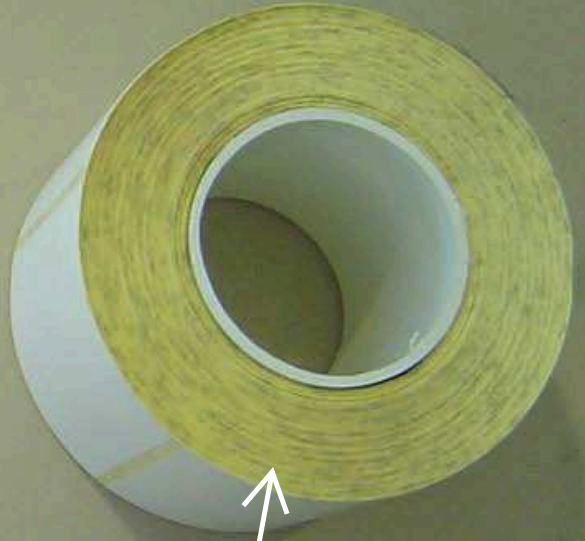
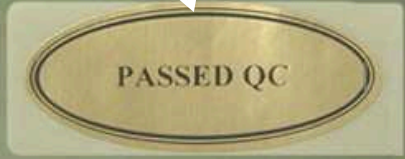


PLASTIC SEAL  
P/N.- 79000016



SEAL CABLE P/N.-  
79500137 (100mm)

P/N.-  
70000761



P/N.-  
70010068A



PUT THE LABEL  
ROLL P/N.-  
70010068A AS  
SHOW IN THE  
DRAWING

1- Quitar algunas etiquetas  
(principio del rollo) (20 cm o más)

2- Insertar el rollo de papel

3- Levantar la palanca

4- Introducir el papel soporte  
en el rehendedor

5- Bajar la palanca

1- Remove some labels at the  
beginning of the roll (20 cm or more)

2- Insert the paper roll

3- Move up the lever

4- Connect the liner  
to the winder

5- Close the lever

**CARGA DEL ROLLO**  
**PAPER LOADING**

**ROLLO DE ETIQUETAS**  
**PAPER ROLL**

**PALANCA DE APERTURA**  
**OPEN LEVER**

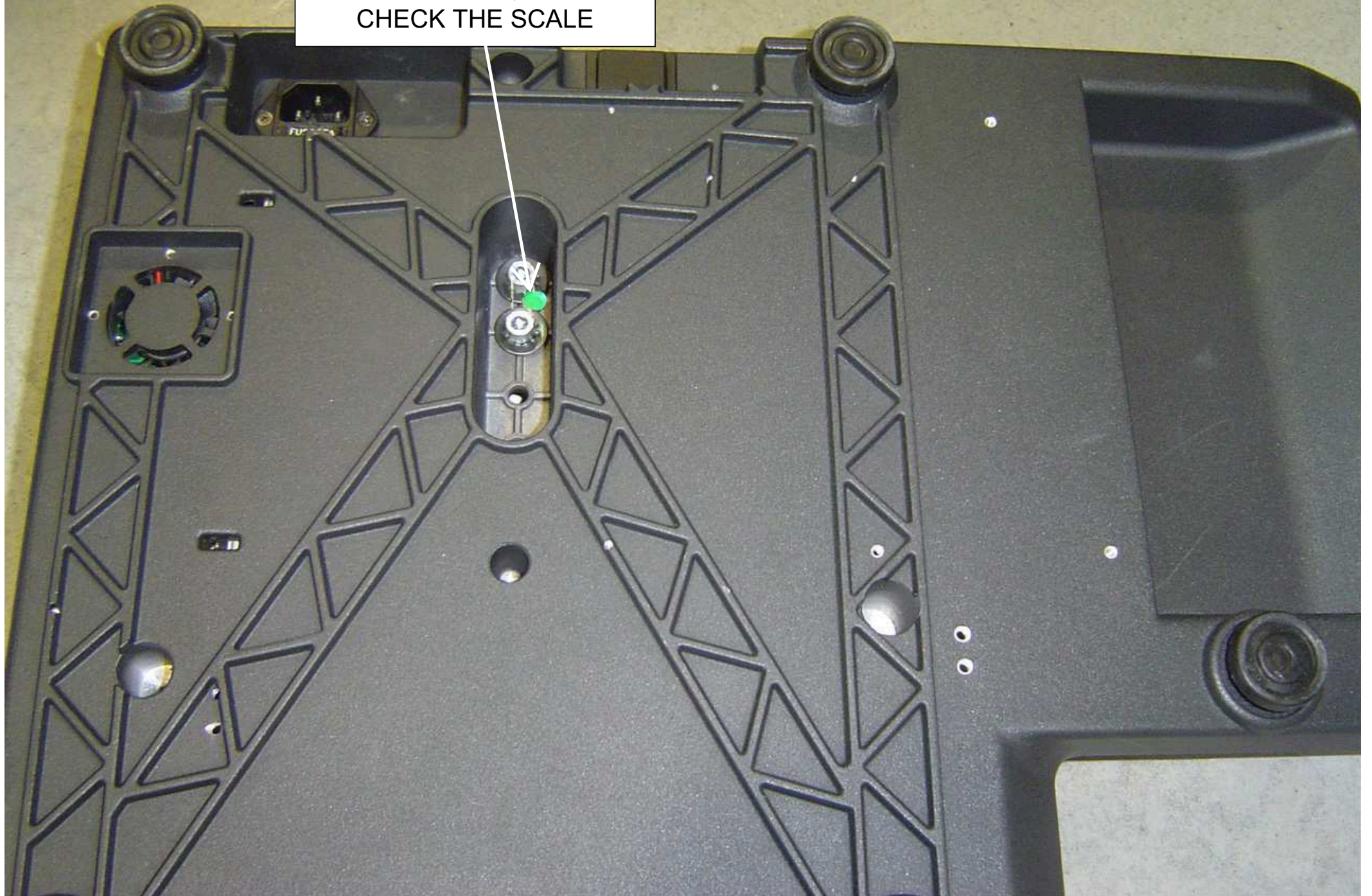
**PRIMERA ETIQUETA**  
**FIRST LABEL**

**PAPEL SOPORTE**  
**LINER**

**REHENDADOR**  
**WINDER**



PUT THE CABLE SEAL P/N.-  
79500137 AND SEAL P/N.-  
79000016, USING PLIERS  
FOR SEALING, AFTER  
CHECK THE SCALE



GRUPPO EPICSA S.P.A. - C/SESTO 10471 - 36100 BIELLA (VC) - ITALIA  
Max 15kg - Min 100g T=9,995kg ±5g  
MODEL:PCSK 110V/240V 50/50Hz  
I<sub>max</sub> = 1,5A



CE15-0122



PASTE THE NAME  
PLATE P/N.- 70010337

PASTE THE LABEL P/N.-  
70000761, AFTER CHECK  
THE SCALE

