

ASSEMBLY 22 RL TOUCH SCREEN 12 " P/N.- C13995362

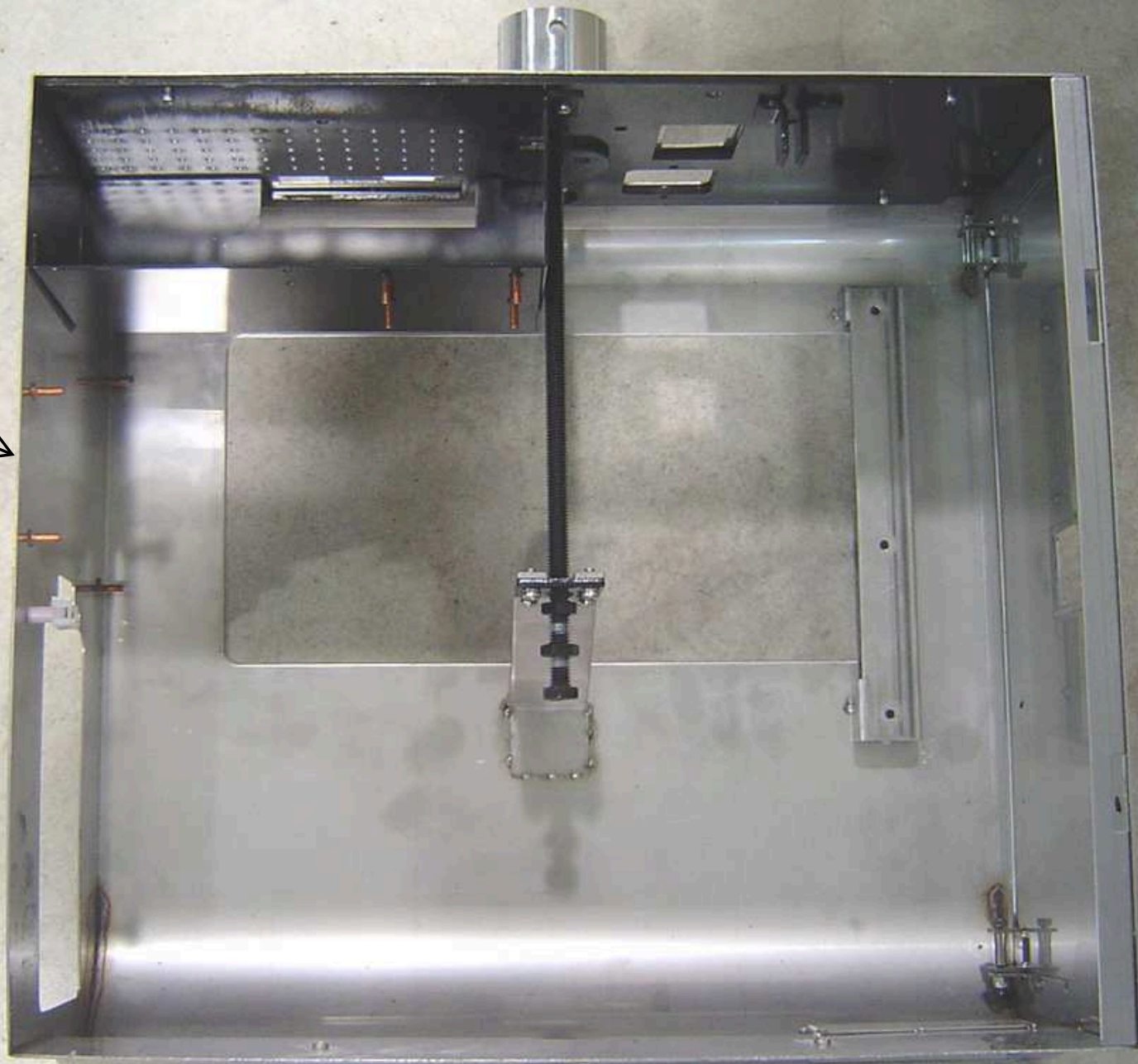


GUIDELINE ASSEMBLY 22 RL TOUCH SCREEN 12 " P/N.- C13995362

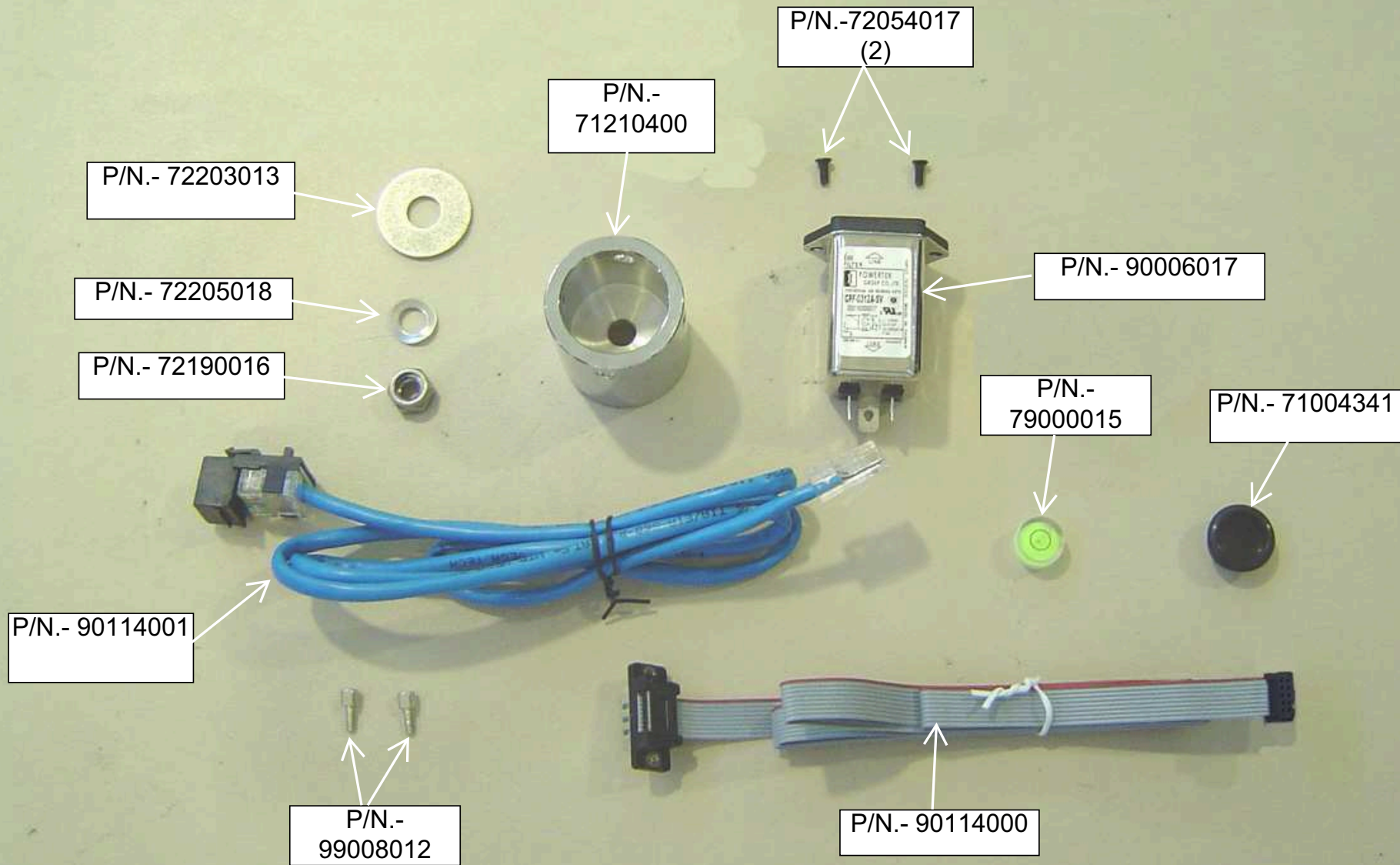
1. ASSEMBLY POWER ENTRY AND COMMUNICATION CONNECTORS AND FAN
2. ASSEMBLY POWER SUPPLY, 12V POWER SUPPLY AND SWITCH BOARD.
3. ASSEMBLY SET DIGITAL HANGING LOAD CELL P/N.- 97003240
4. ASSEMBLY SET CELL AXLE LOAD
5. ASSEMBLY LOAD CELL AND SEAL
6. ASSEMBLY LABEL PRINTER
7. ASSEMBLY FRONT COVER
 - 7.1.- ASSEMBLY TOUCH SCREEN (LVDS)
 - 7.2.- ASSEMBLY MAIN BOARD AND TOUCH SCREEN CONTROL BOARD
 - 7.3.- ASSEMBLY HARD DISK AND EXTERNAL USB'S
- 8.- CONNECTING CABLES BETWEEN HOUSING AND FRONT COVER.
AFTER ASSEMBLY THEM
- 9.- ASSEMBLY CELL AXLE LOAD AND PUT THE FRONT COVER
- 10.- FINISH

1.- ASSEMBLY POWER ENTRY AND COMMUNICATION CONNECTORS AND FAN (COMPONENTS)

P/N.-
71510251

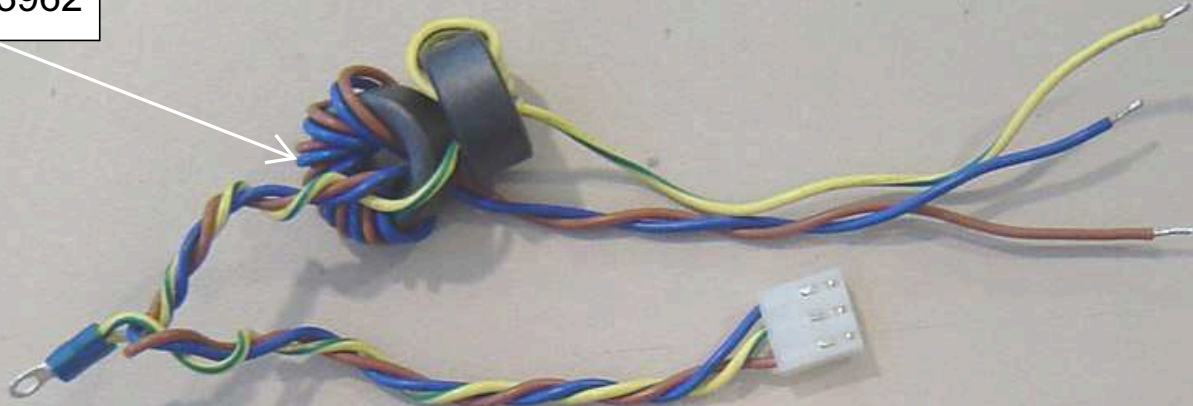


1.- ASSEMBLY POWER ENTRY AND COMMUNICATION CONNECTORS AND FAN (COMPONENTS)

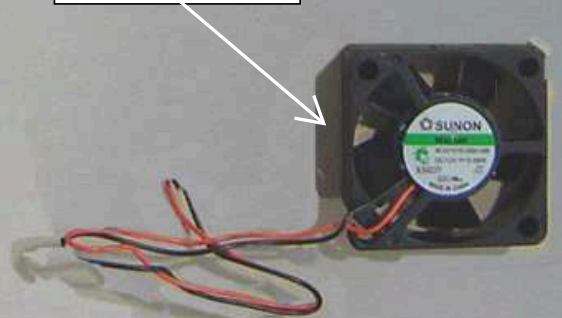


1.- ASSEMBLY POWER ENTRY, COMMUNICATION CONNECTORS AND FAN (COMPONENTS)

P/N.-
90113962



P/N.-
99008080



P/N.- 79900063
(3)



P/N.-
90113993



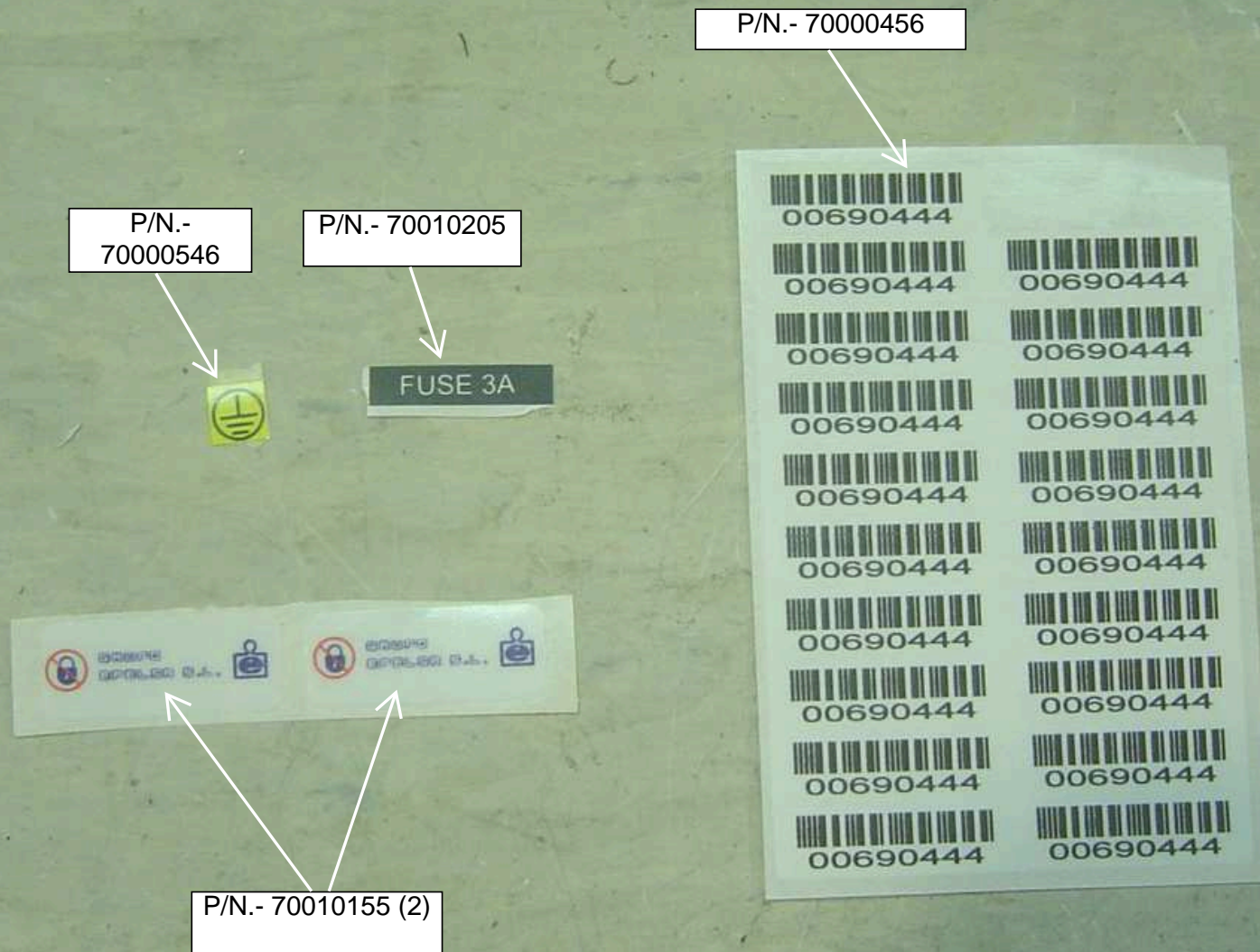
P/N.-
99006102



P/N.-
72190004 (2)



1.- ASSEMBLY POWER ENTRY AND COMMUNICATION CONNECTORS AND FAN (COMPONENTS)



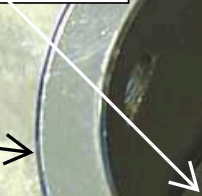
P/N.-
71510251



P/N.-
72190016



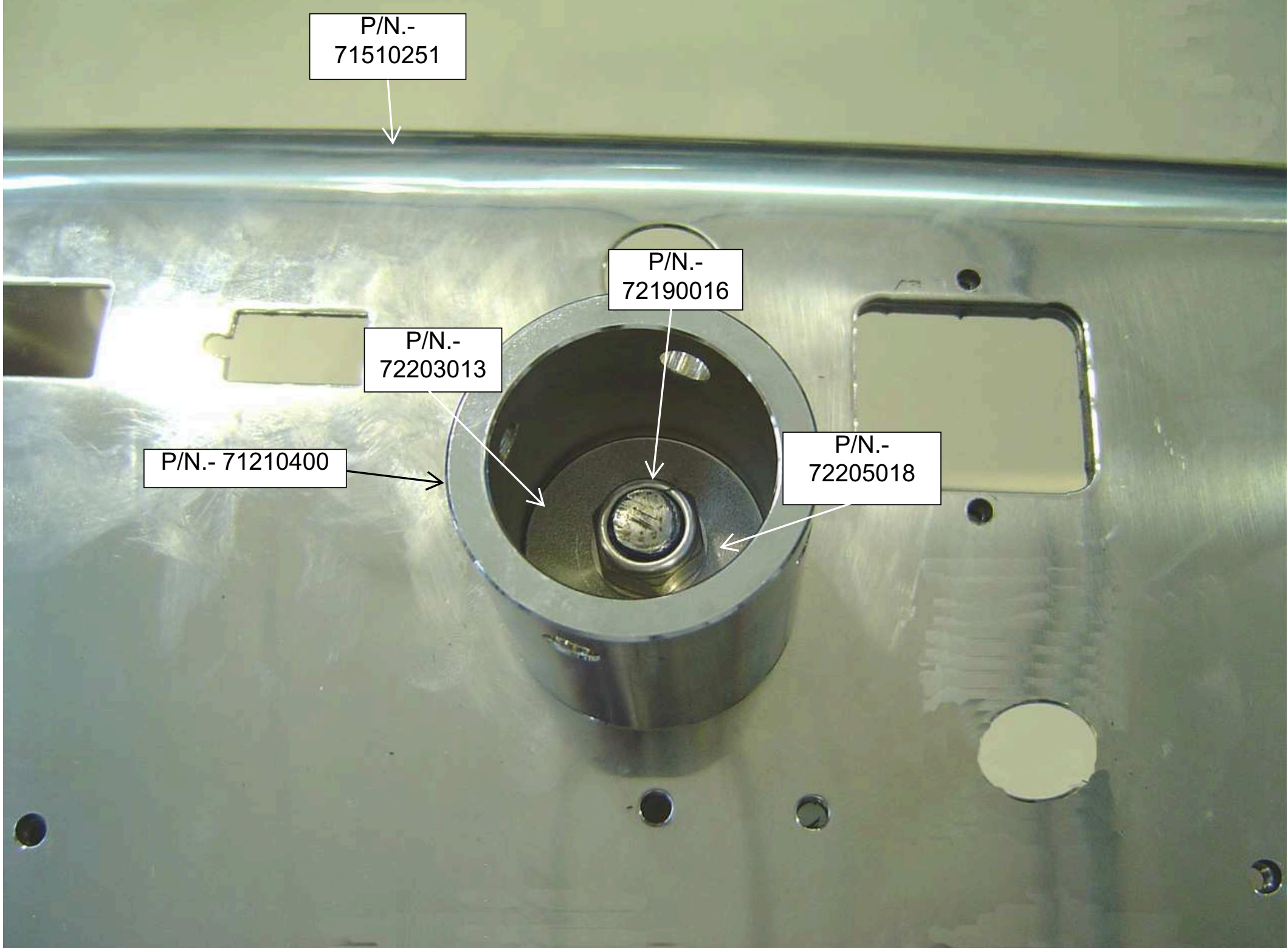
P/N.-
72203013



P/N.- 71210400



P/N.-
72205018

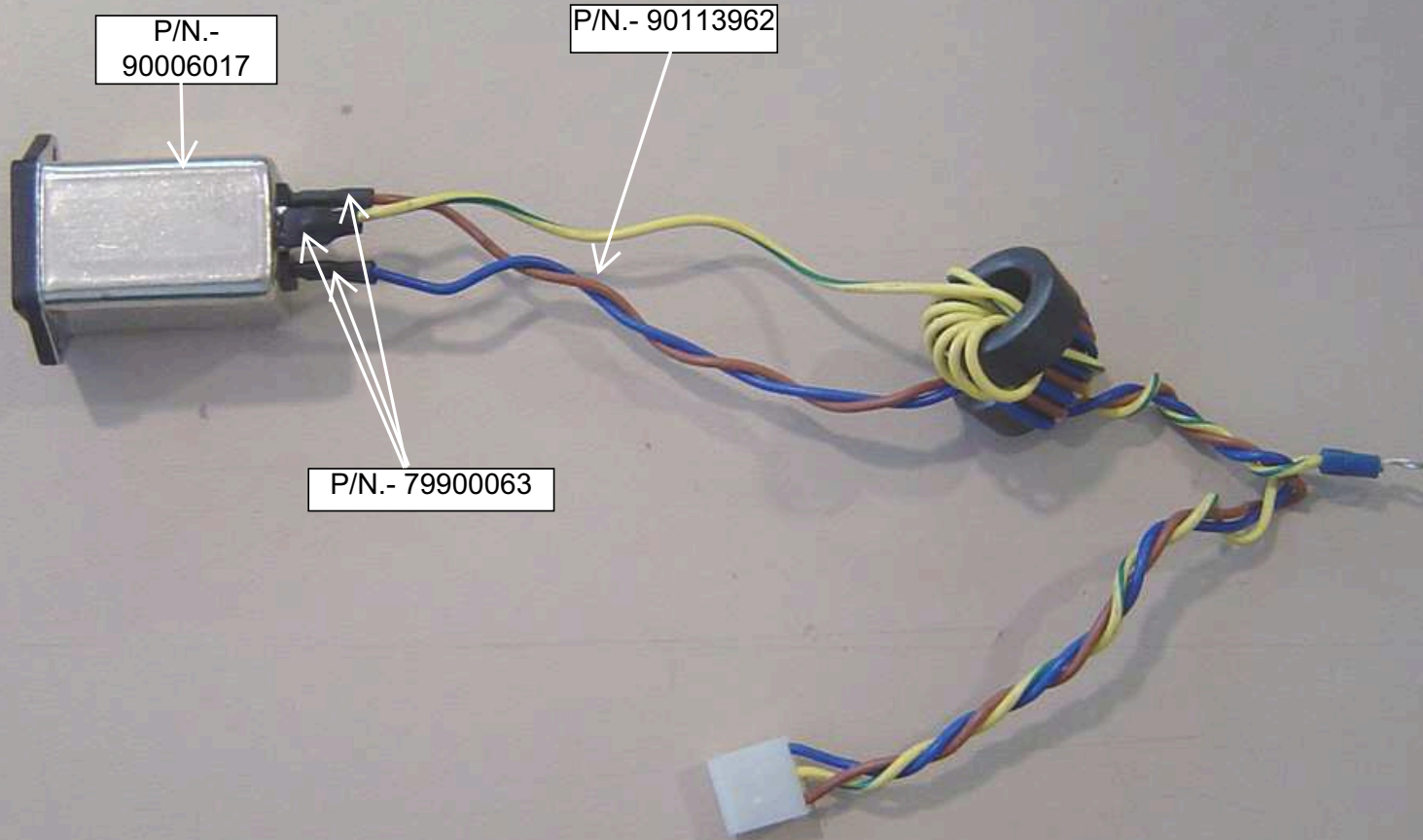


NUT P/N.- 72190016
TIGHTEN WITH A
REGULATED TOOL TO A
TIGHTENING TORQUE
14 Nm

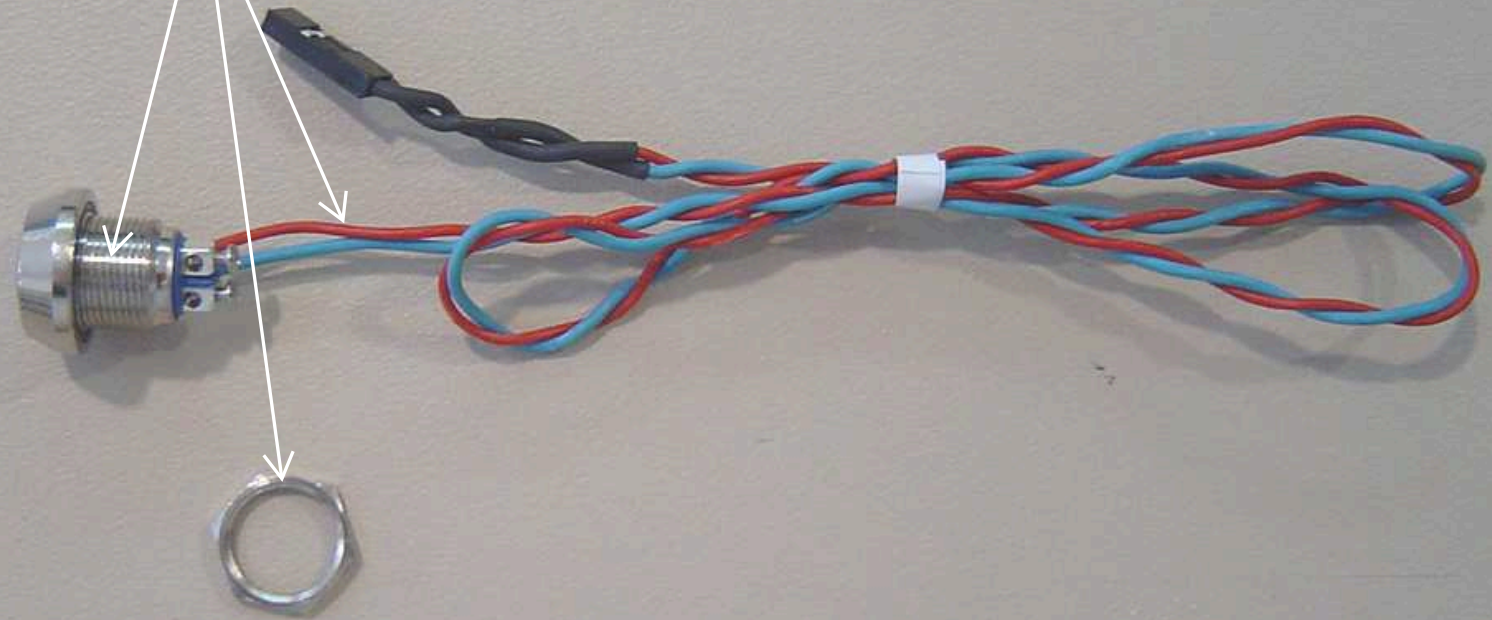
P/N.-
71510251



SOLDER CABLE P/N.- 90113962, PUTTING
SHRINK-WRAPPING P/N.- 79900063, AT
POWER ENTRY P/N.- 90006017



REMOVE THE NUT
RETAINING AND
CONNECTING CABLE
P/N.- 90113993 IN THE
PUSH P/N.- 99006102



PASS THE CABLE THROUGH THE HOLE
AND JOIN THE POWER ENTRY
CONNECTOR P/N.- 90006017 ATTACHING
WITH SCREWS P/N.-72054017

PASTE THE
STICK P/N.-
70010205



ASSEMBLY RS232
CABLE P/N.- 90114000
FIXING WITH RISERS
P/N.- 99008012

P/N.-
90114001



P/N.-
71004341

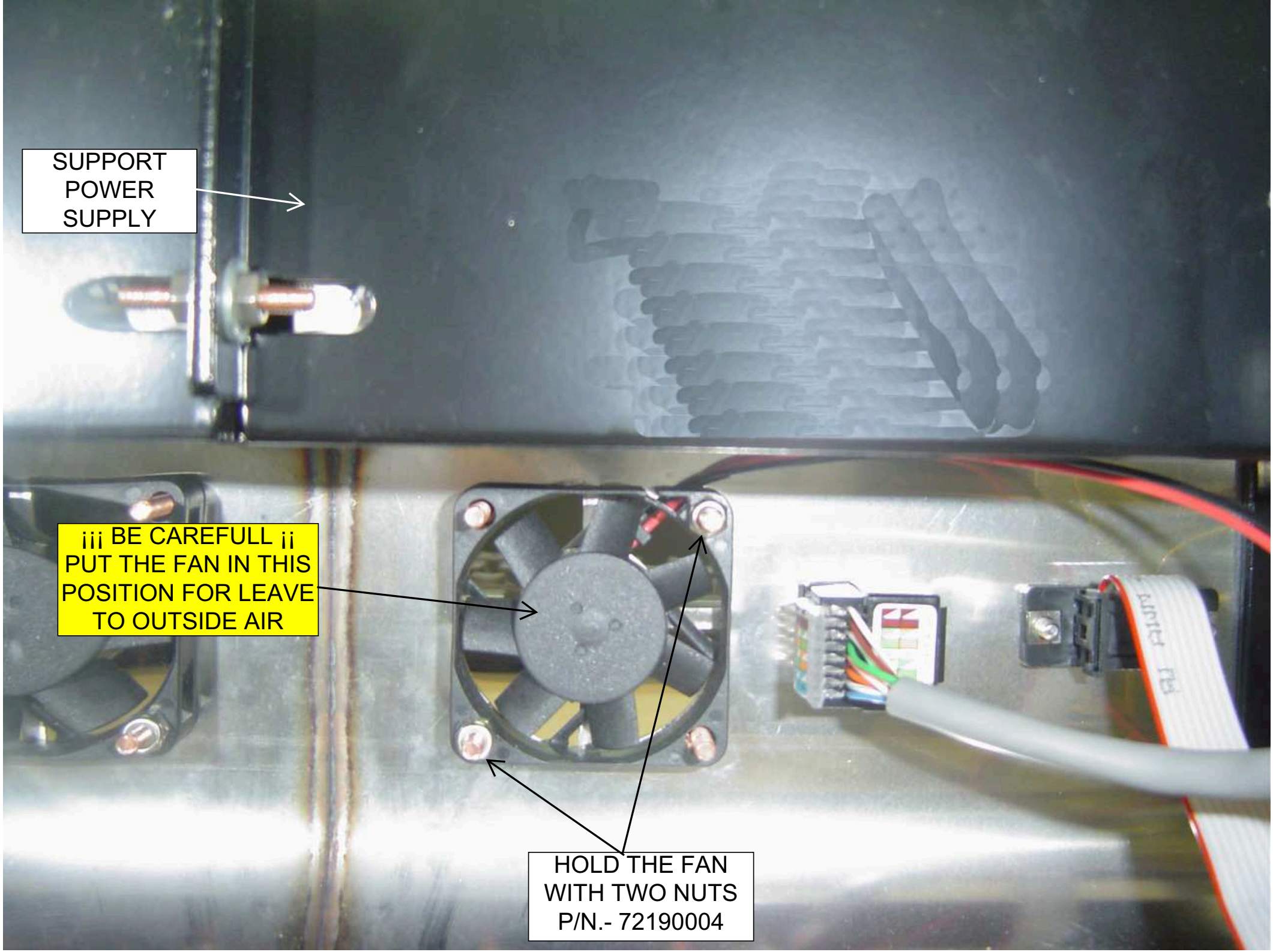
P/N.-
79000015



SUPPORT
POWER
SUPPLY

iii BE CAREFULL ii
PUT THE FAN IN THIS
POSITION FOR LEAVE
TO OUTSIDE AIR

HOLD THE FAN
WITH TWO NUTS
P/N.- 72190004

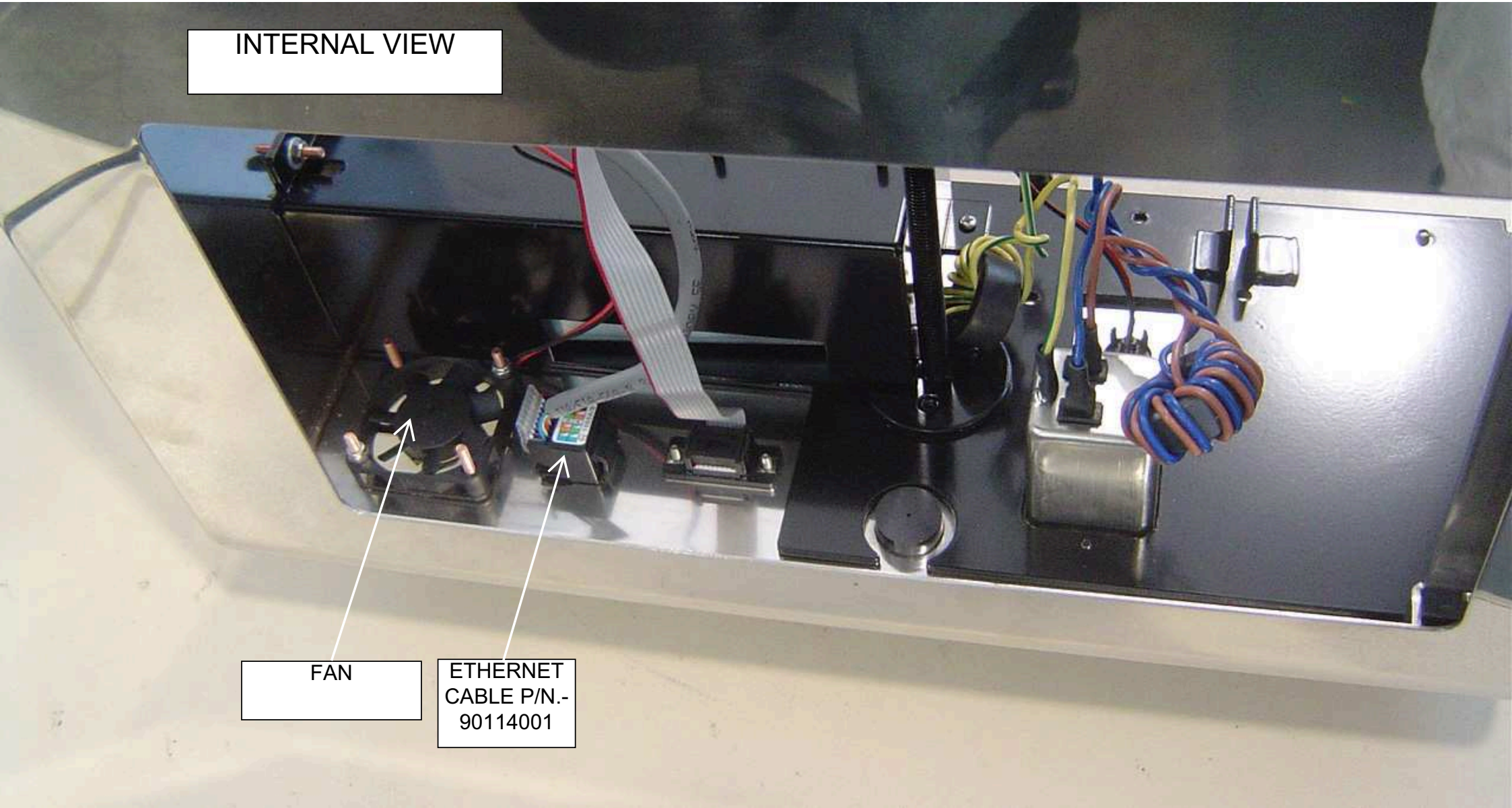


OVERVIEW

PASS THE CABLE THROUGH THE HOLE AND HOLD THE PUSH WITH THE NUT



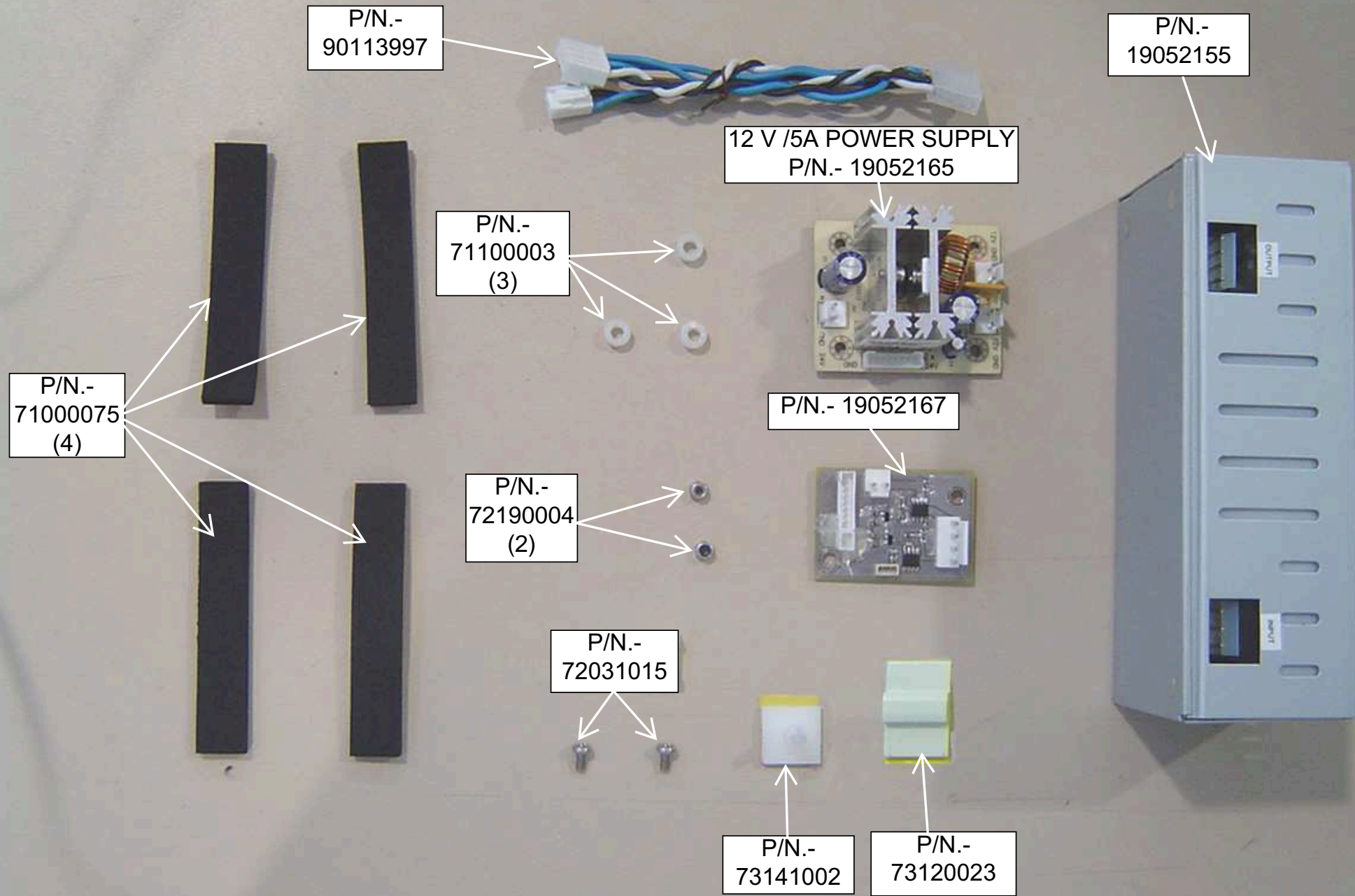
INTERNAL VIEW



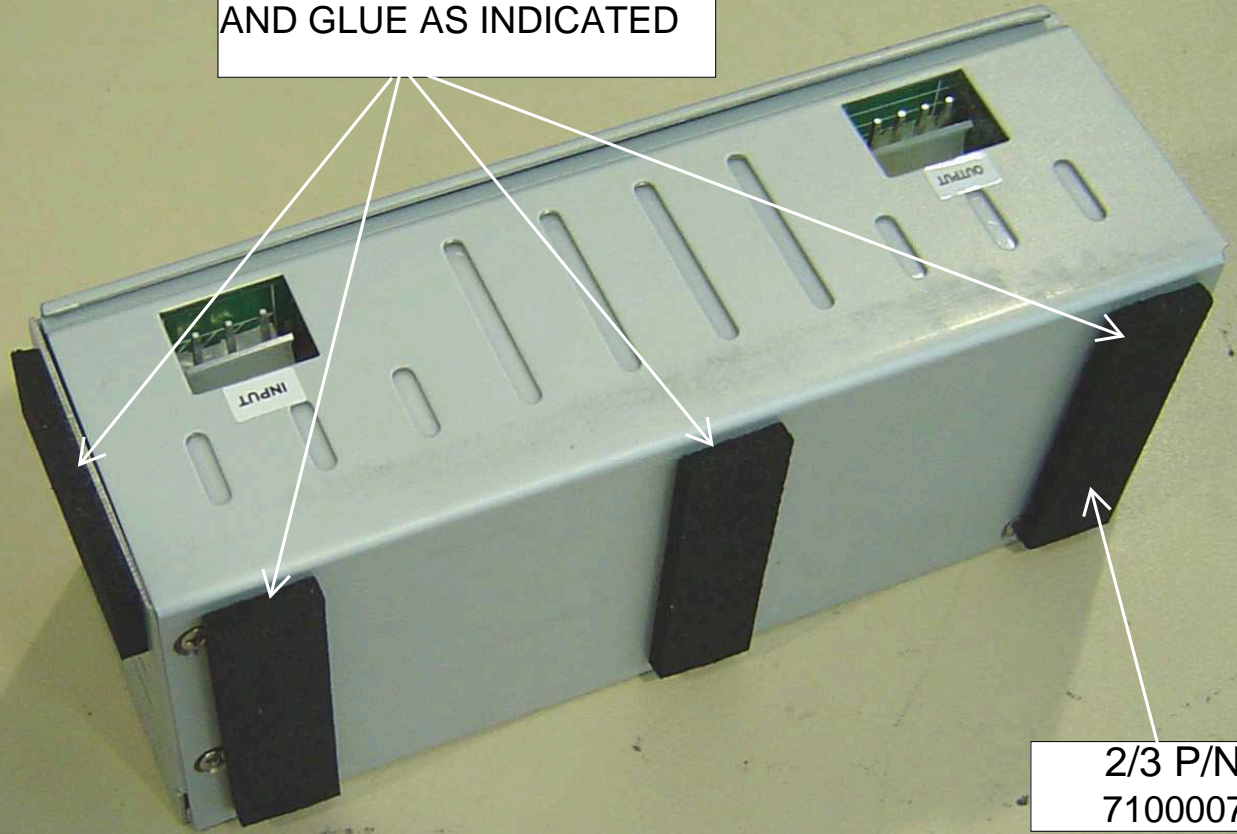
FAN

ETHERNET
CABLE P/N.-
90114001

2.- ASSEMBLY POWER SUPPLY, 12V POWER SUPPLY AND SWITCH BOARD (COMPONENTS)



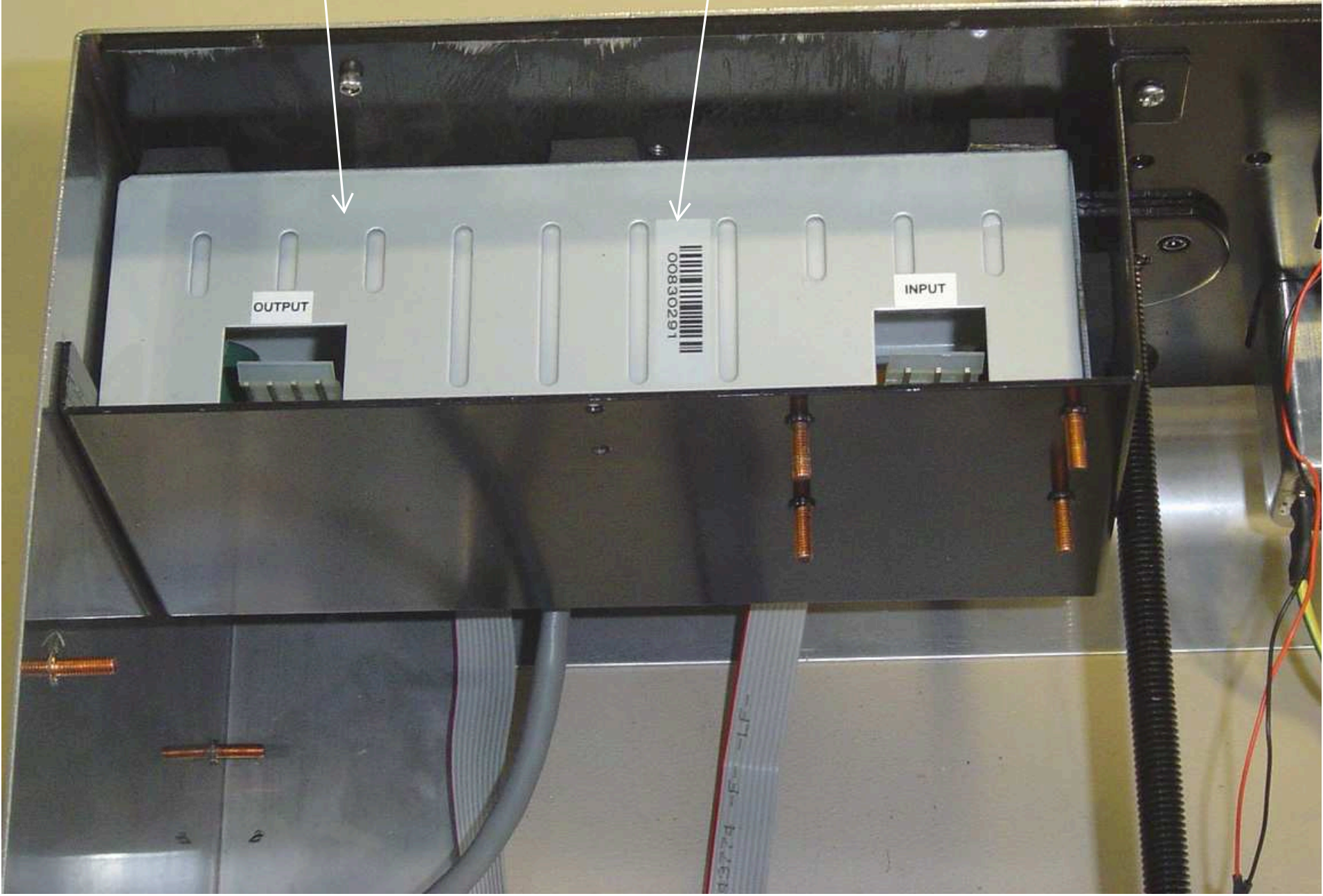
FOUR CUT NEOPRENE STRIPS P/N.- 71000075 AS THE 2 / 3 OF ITS LENGTH AND GLUE AS INDICATED



2/3 P/N.-
71000075

PUT THE POWER
SUPPLY IN YOUR
LOCATION

TO PASTE STICK
P/N.- 70000456



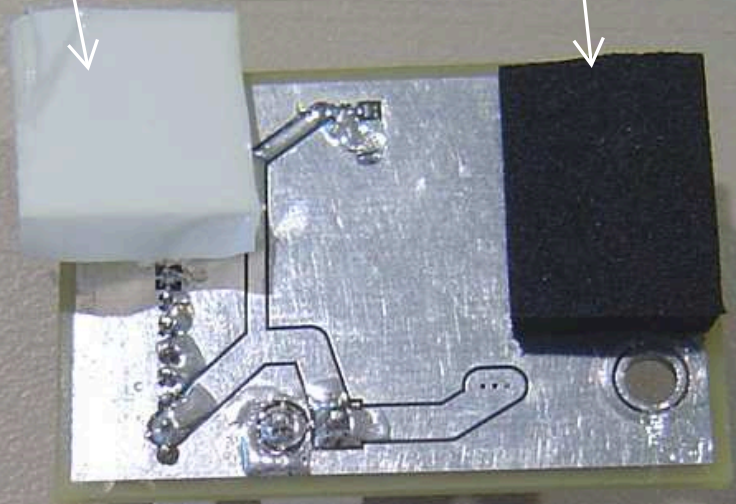
OUTPUT

00830291

INPUT

PUT THE PIECE
P/N.- 73141002

PASTE A PART OF
PIECE P/N.-
71000075

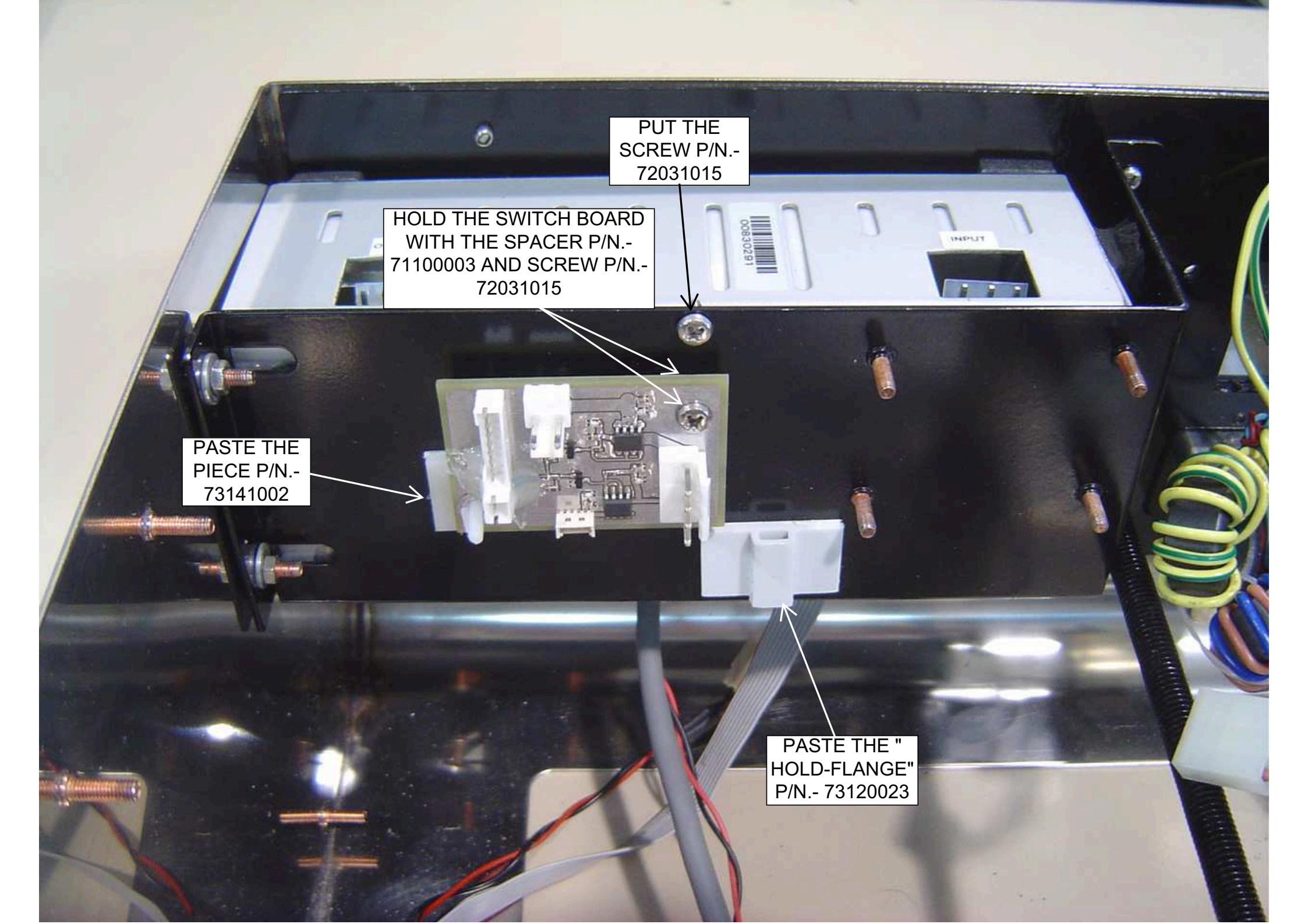


PUT THE
SCREW P/N.-
72031015

HOLD THE SWITCH BOARD
WITH THE SPACER P/N.-
71100003 AND SCREW P/N.-
72031015

PASTE THE
PIECE P/N.-
73141002

PASTE THE "
HOLD-FLANGE"
P/N.- 73120023



CONNECT
CABLE P/N.-
90113997 IN
"OUPUT"

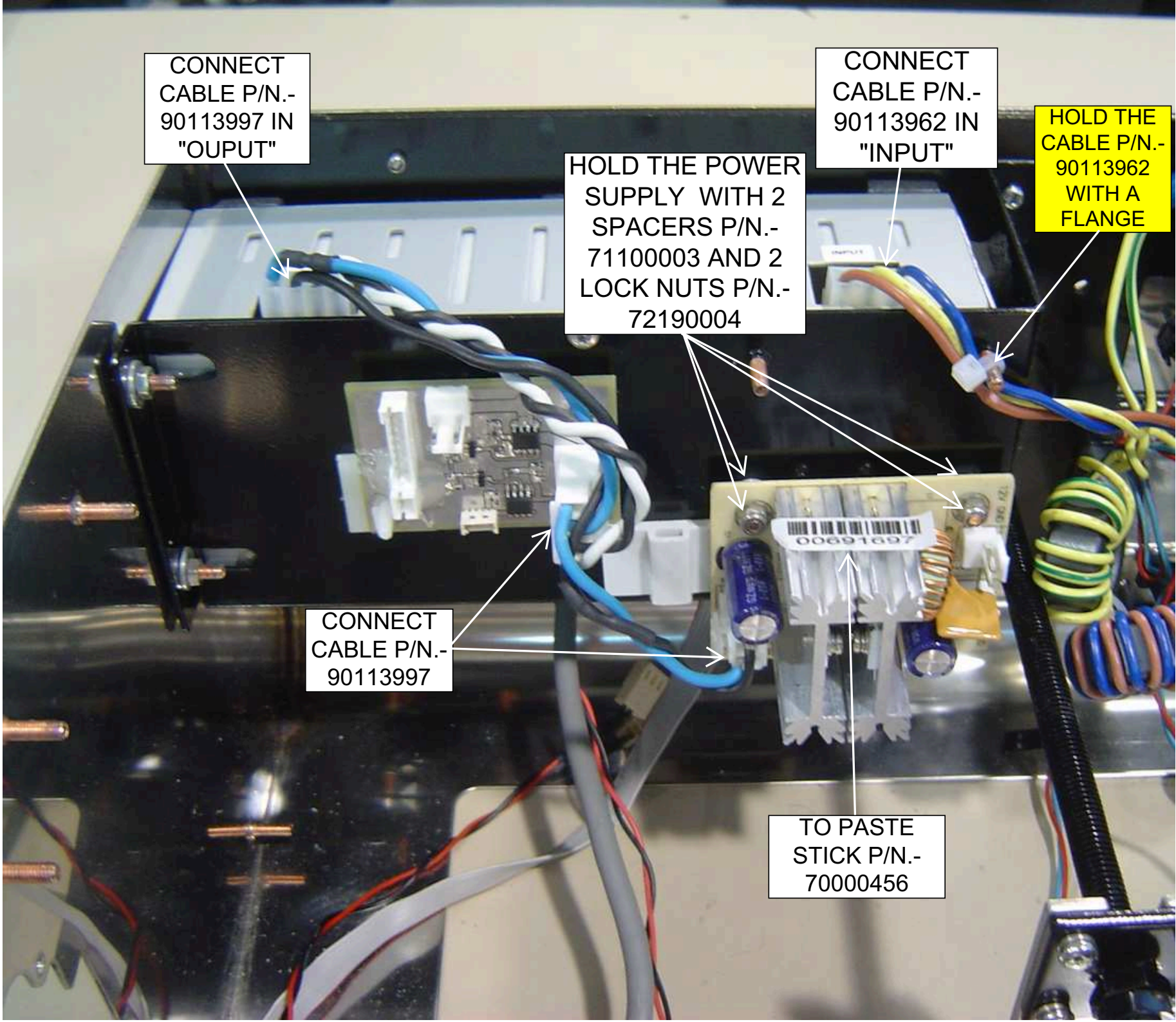
HOLD THE POWER
SUPPLY WITH 2
SPACERS P/N.-
71100003 AND 2
LOCK NUTS P/N.-
72190004

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

HOLD THE
CABLE P/N.-
90113962
WITH A
FLANGE

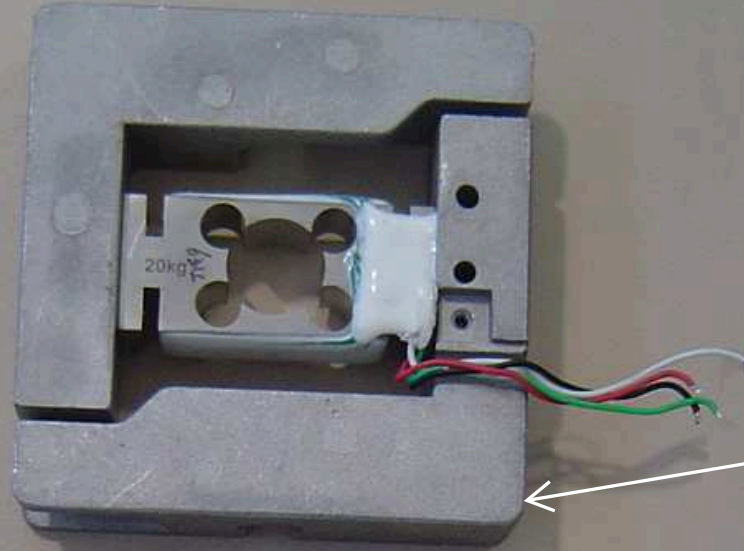
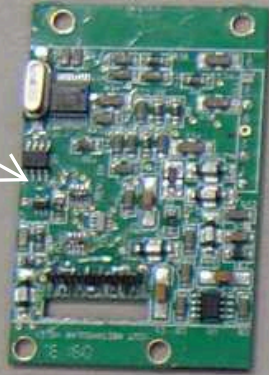
CONNECT
CABLE P/N.-
90113997

TO PASTE
STICK P/N.-
70000456



3.- ASSEMBLY SET DIGITAL HANGING LOAD CELL P/N.- 97003240 (COMPONENTS)

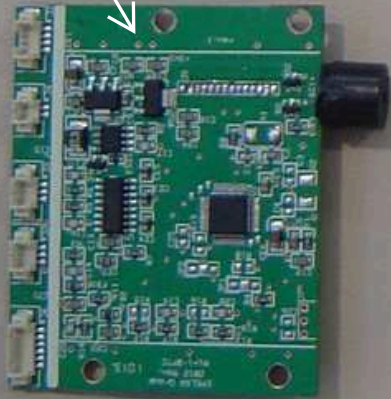
P/N.-
19016800



GRUPO EPELSA S.L.
03000 BARCELONA (SPAIN)
Model: BP Emrax 20kg
Serial No: 510228932011
Cert No: T02179
Volumen: 10000 min dead load: 0
CAT

P/N.-
513324 /
97003134

P/N.-
19016900

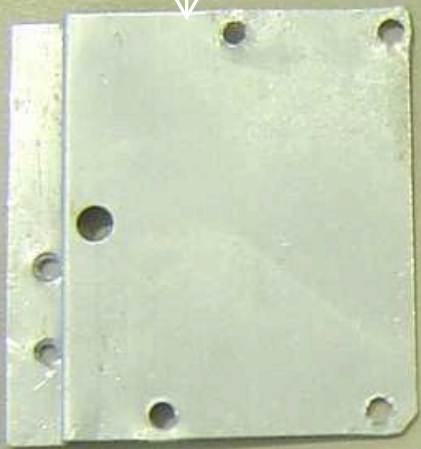


P/N.-
571004335



3.- ASSEMBLY SET DIGITAL HANGING LOAD CELL P/N.- 97003240 (COMPONENTS)

P/N.-
1050100105



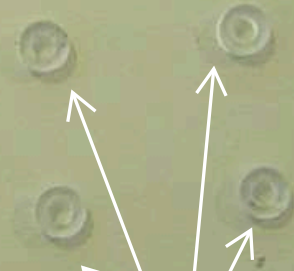
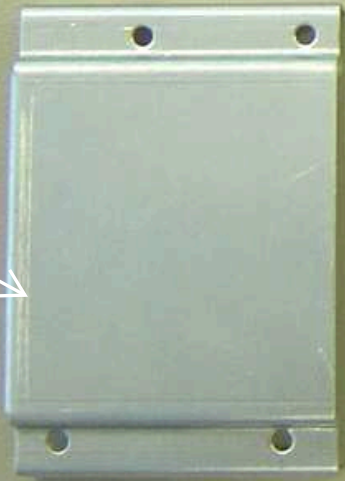
P/N.-
241302530
(2)



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

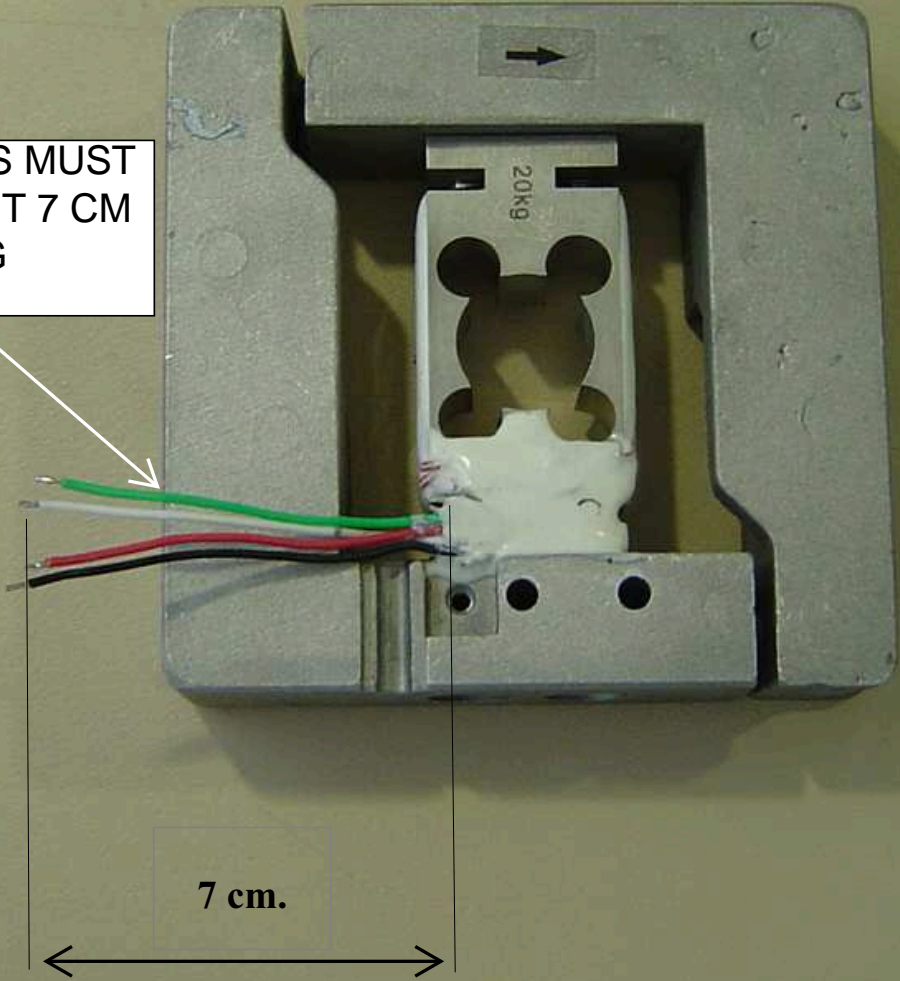


P/N.-
71002295

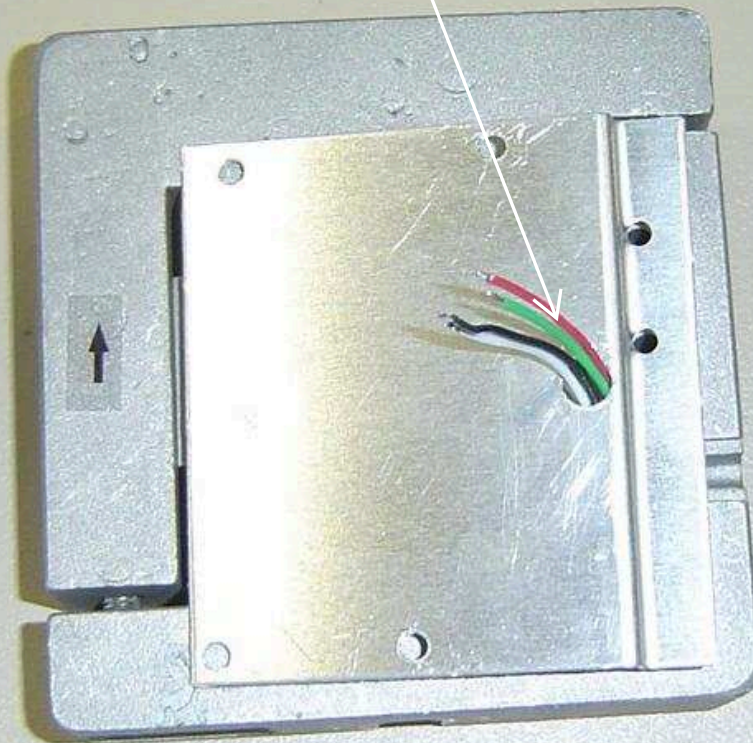


P/N.- 71100003
(4)

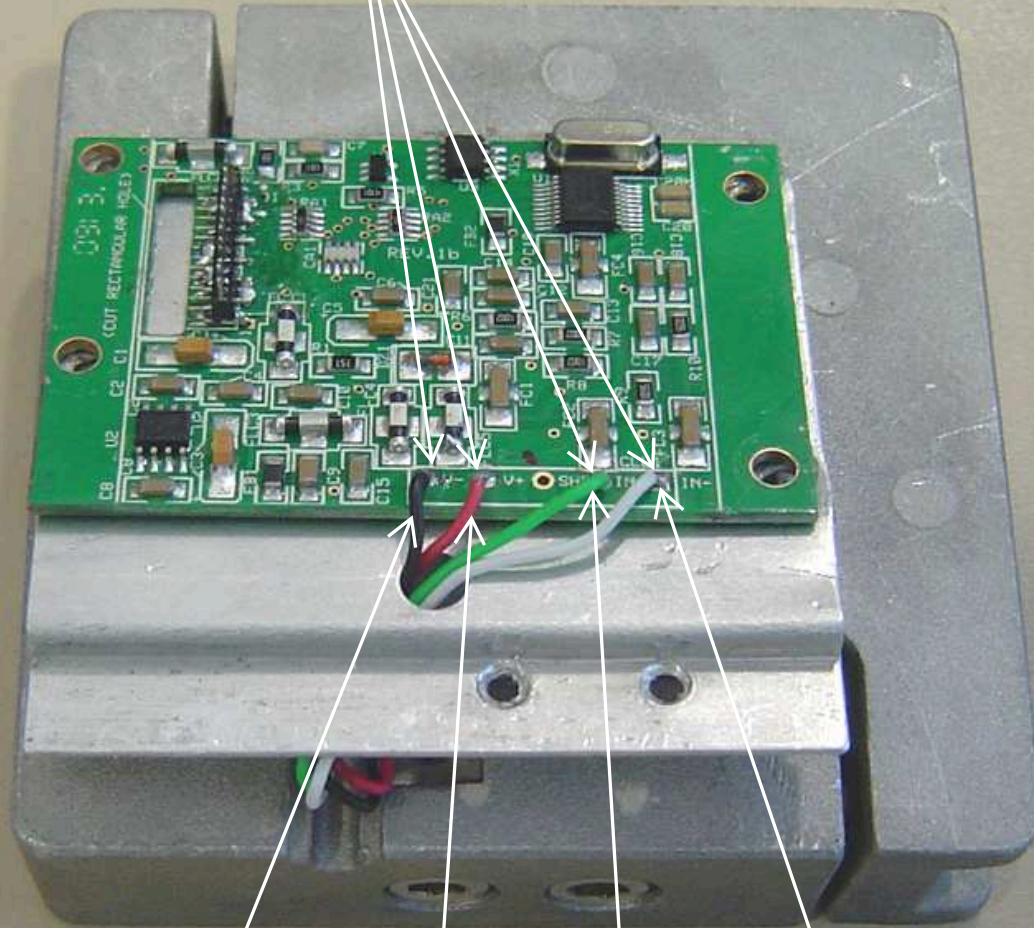
THE CABLES MUST
HAVE ABOUT 7 CM
LONG



PAST THE CABLES
THROUGH THE
HOLE



SOLDER THE
CABLES



BLACK

RED

GREEN

WHITE

PUT SPACERS P/N.- 71100003 , INSERT PINES OF BOARD 19016800 IN BOARD 19016900. HOLD WITH SCREWS GUIDER AND SOLDER THE PINES

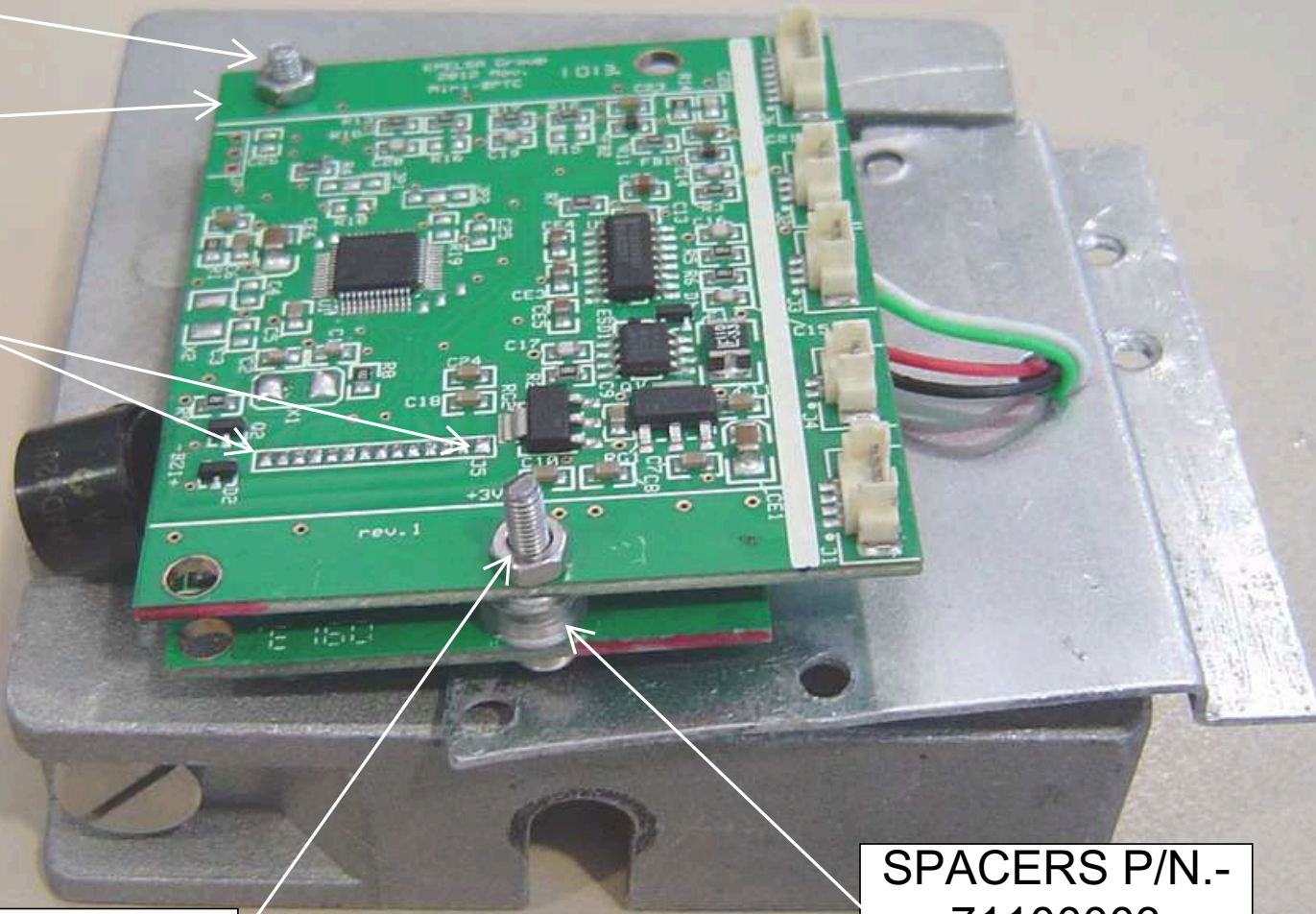
SCREW GUIDE

SPACERS P/N.-
71100003

SOLDER ALL
THIS PINES

SCREW GUIDE

SPACERS P/N.-
71100003



PUT THE SUPPORT, INSULATION, BOARD WITH STRIPPERS, COVER AND HOLD ALL SET WITH RIVETS

FOUR HOLES OF UNION

RIVET P/N.- 72300013

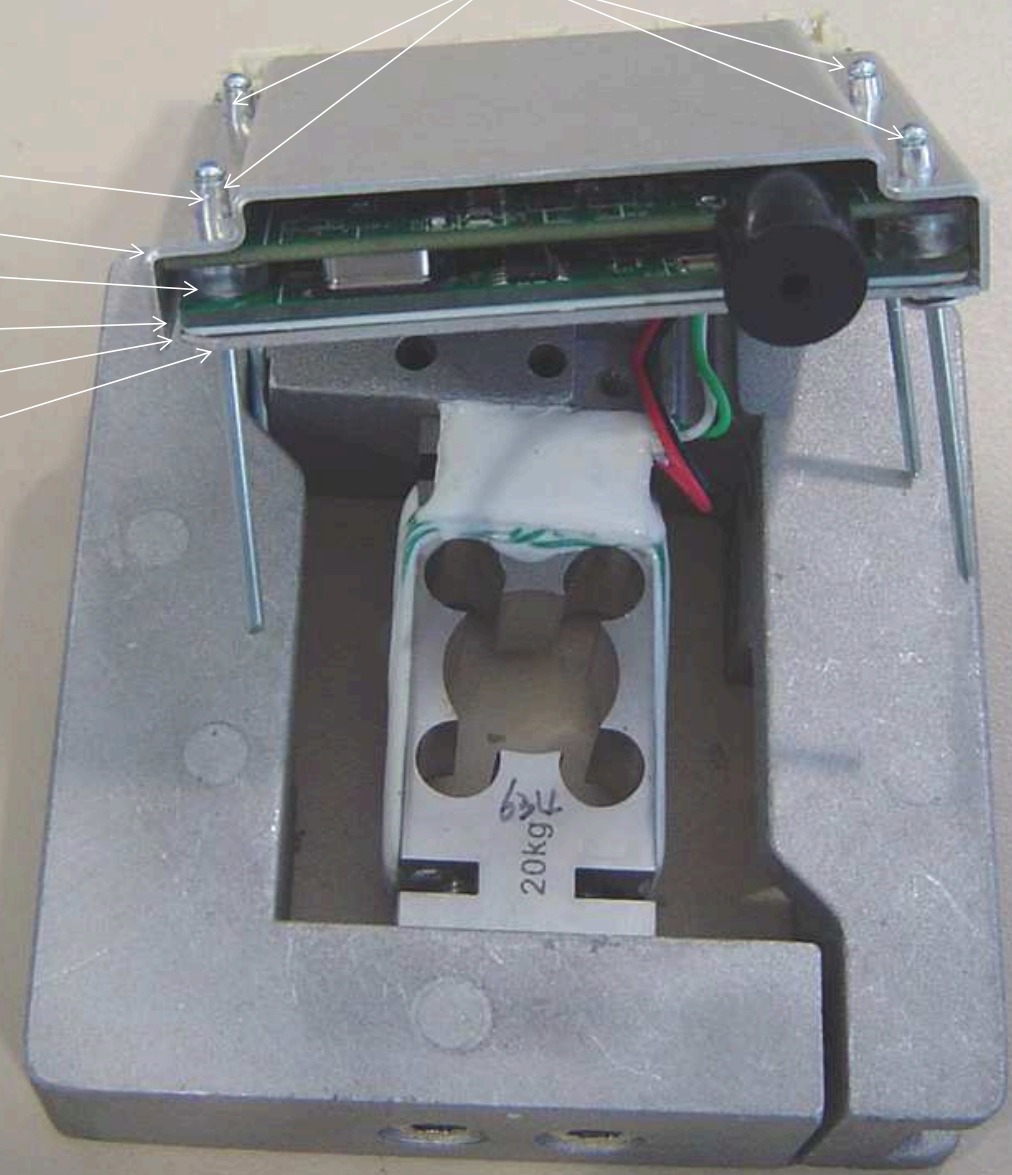
P/N.- 71002295

P/N.- 71100003

P/N.- 19016800

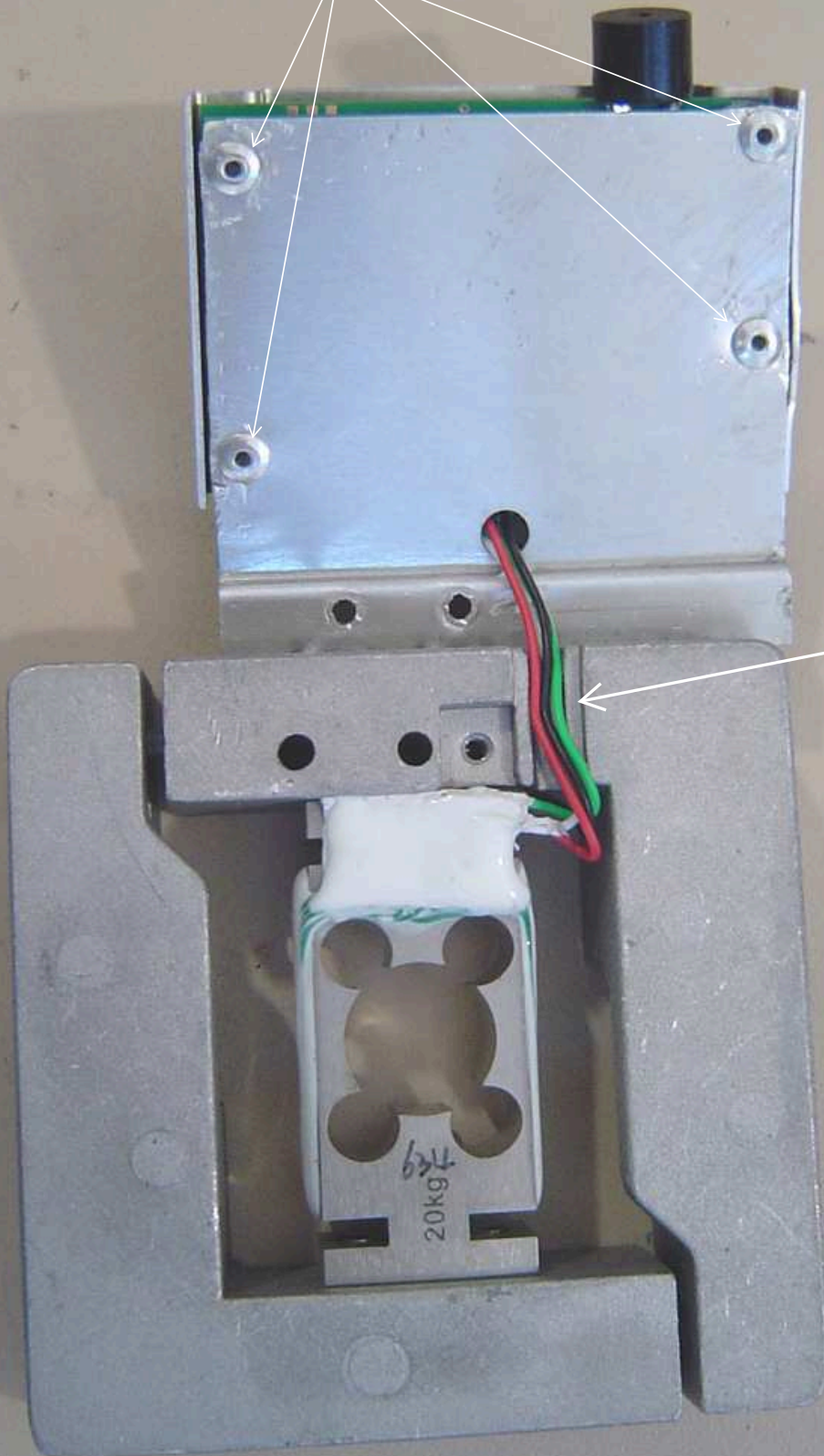
P/N.- 571004335

P/N.- 1050100105

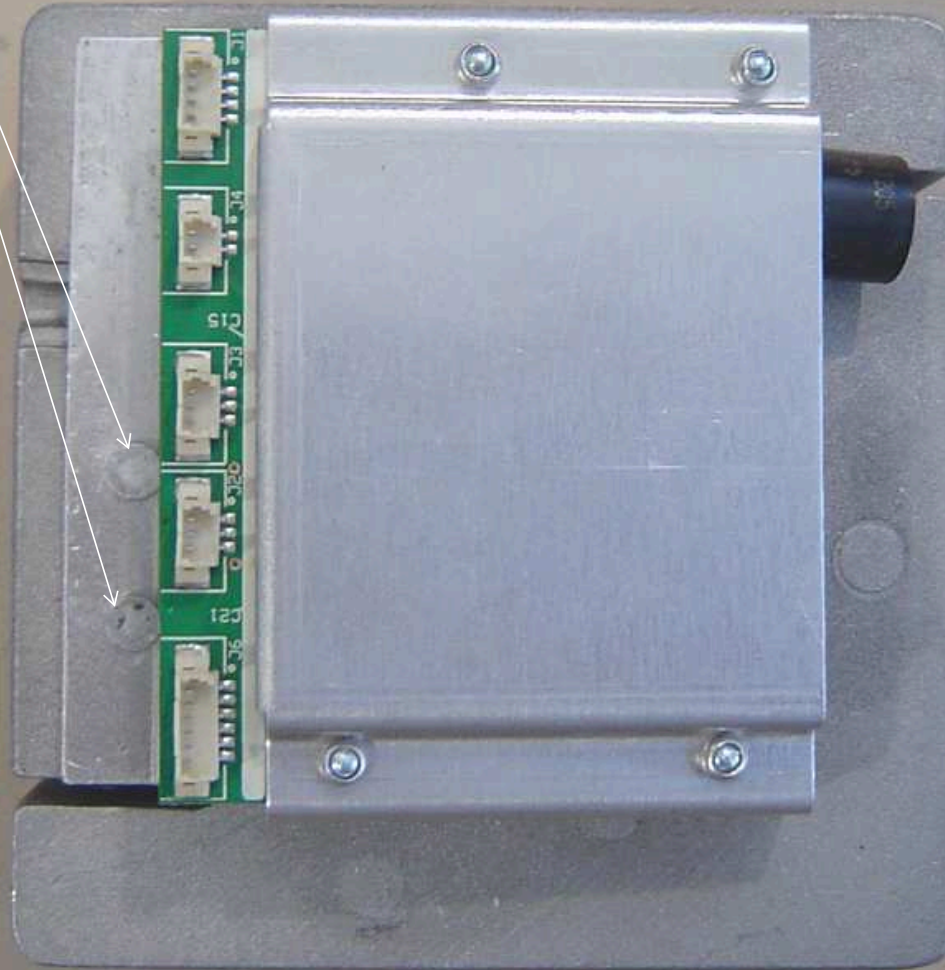


VIEW OF FOUR
RIVETS

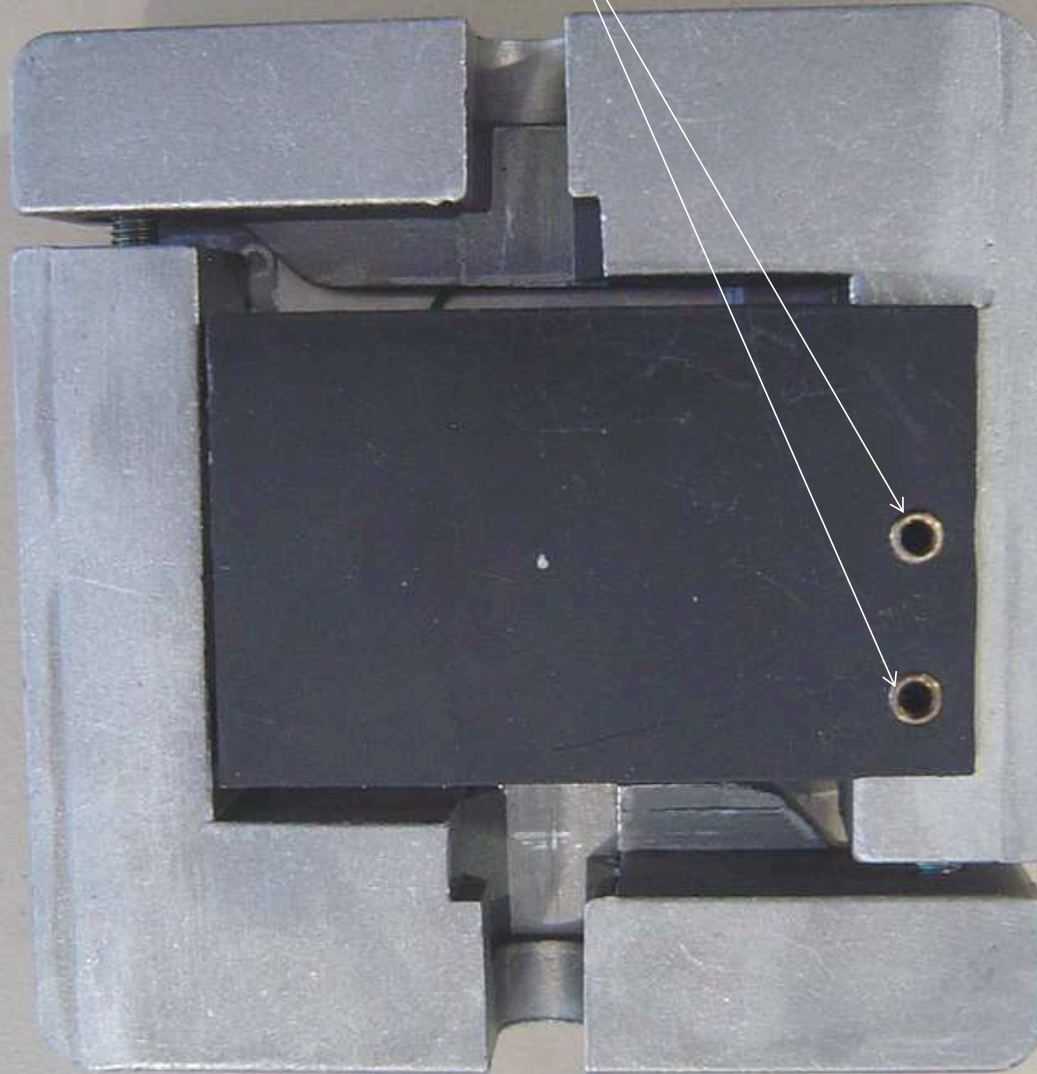
TO PUT THE
CABLES IN
THIS WAY



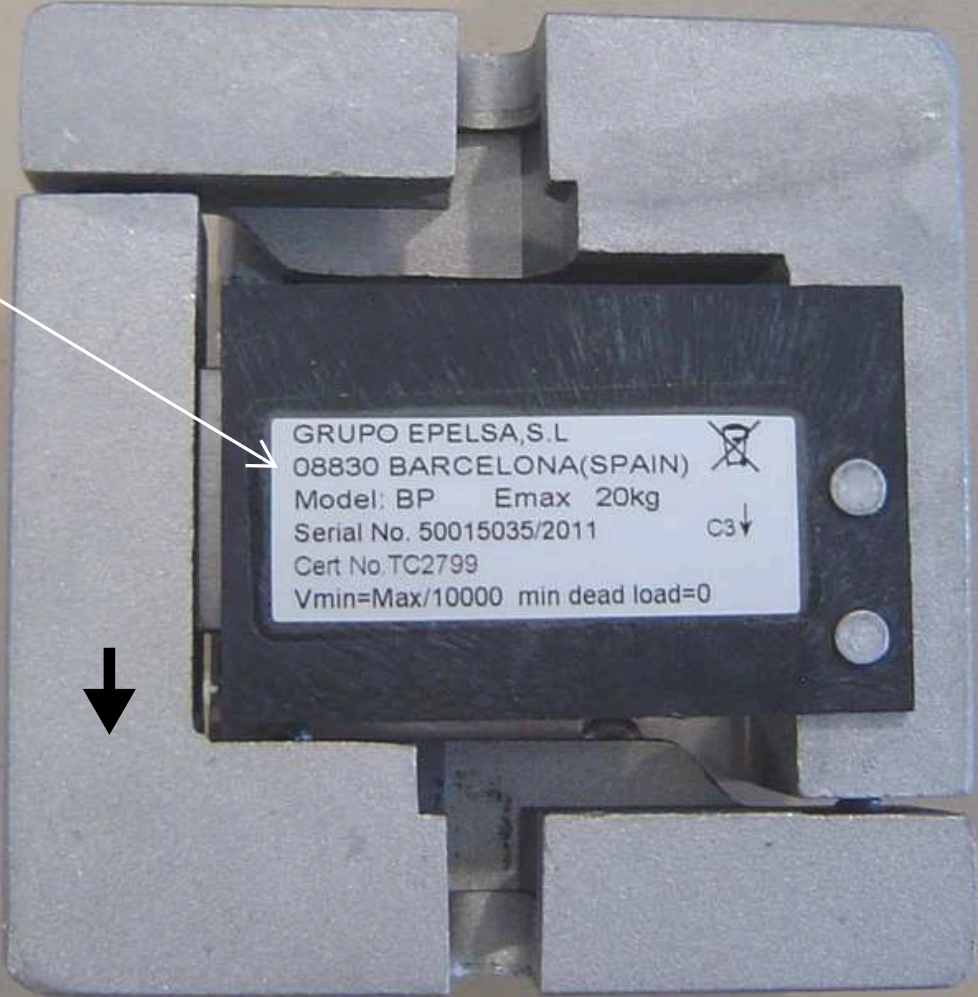
JOIN THE SUPPORT TO THE LOAD
CELL WITH 2 RIVETS P/N.-
241302530. THIS RIVETS MUST
ALSO HOLD THE PLASTIC COVER
(SEE NEXT PICTURE)



VIEW AS RIVETS P/N.- 241302530
FASTENING PLASTIC COVER



PASTE
NAMEPLATE
AND COVER
WITH
PROTECTOR



GRUPO EPELSA, S.L
08830 BARCELONA (SPAIN) 
Model: BP Emax 20kg
Serial No. 50015035/2011 C3↓
Cert No TC2799
Vmin=Max/10000 min dead load=0

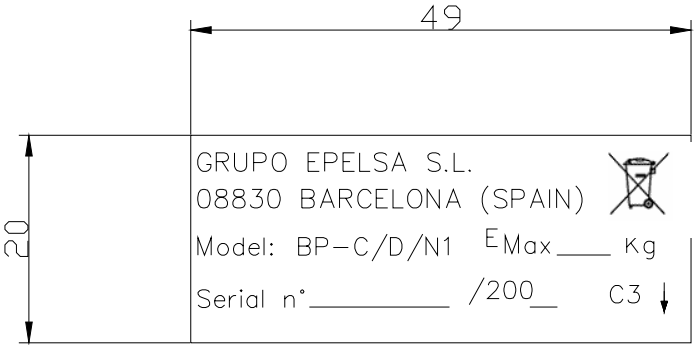
8° STEP:

To check that the digital load cell weighs well.

To put the Characteristics plate



**DRAWING FROM:
CHARACTERISTICS PLATE**



4.- ASSEMBLY SET
CELL AXLE LOAD
P/N 575100020
(COMPONENTS)

571210139

573002007

571001314

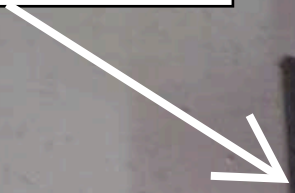
578000007

571001315

511012403



P/N.- 75100020



5.- ASSEMBLY LOAD CELL AND SEAL (COMPONENTS)

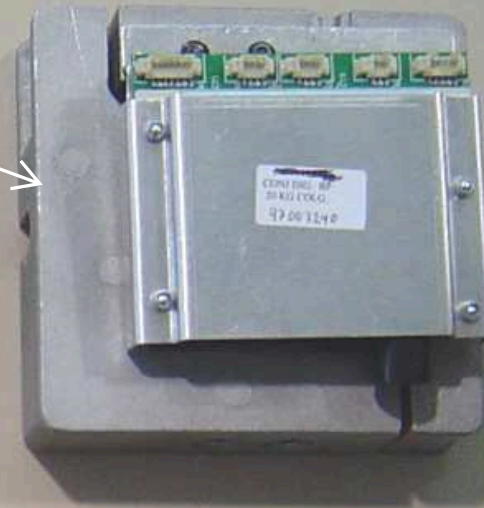
P/N.-
72091030 (2)



P/N.-
75100020



P/N.-
97003240



P/N.-
71210482



P/N.-
72030025



P/N.- 73120023
(2)

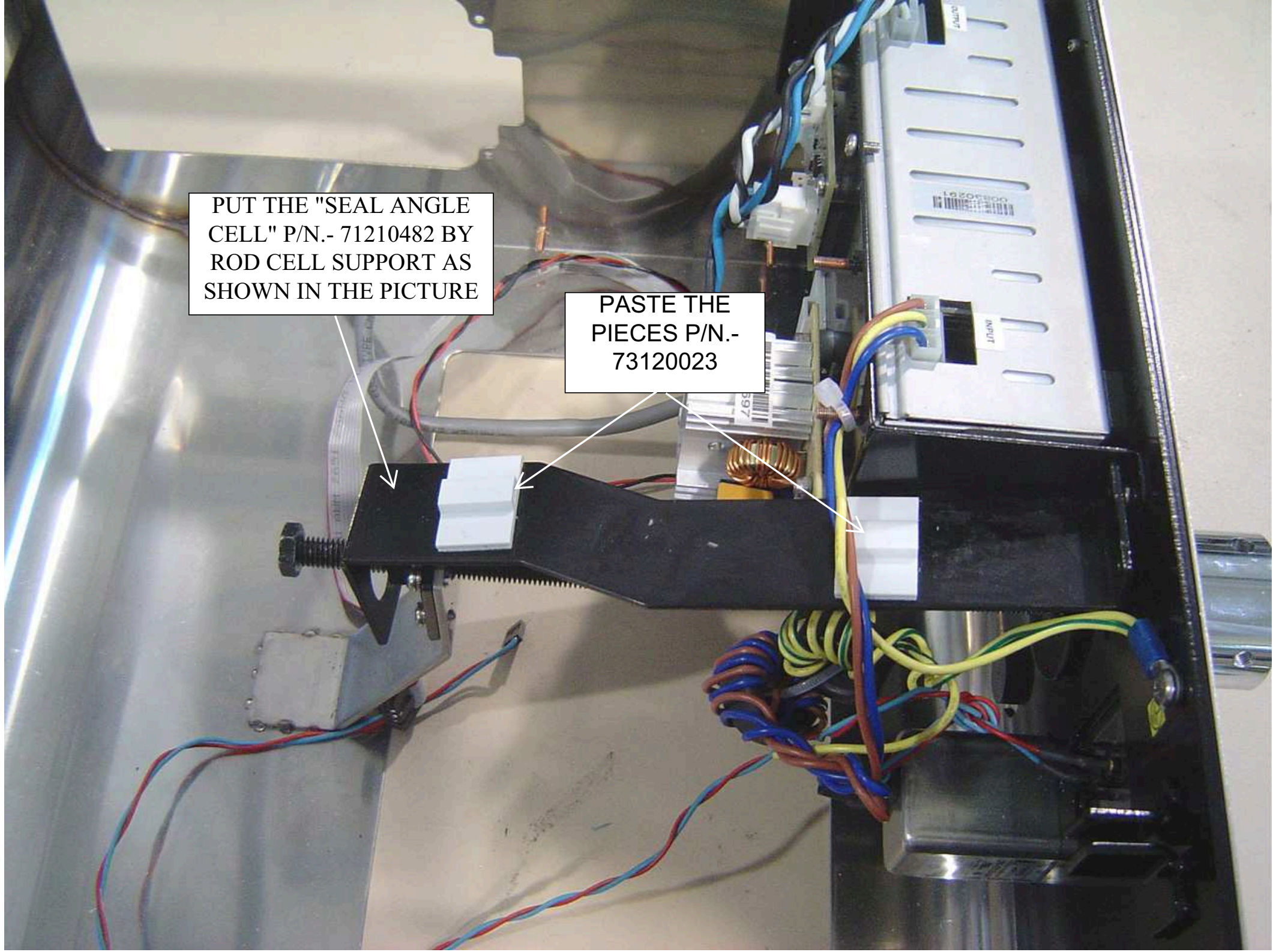


P/N.- 73100002
(4)



PUT THE "SEAL ANGLE CELL" P/N.- 71210482 BY ROD CELL SUPPORT AS SHOWN IN THE PICTURE

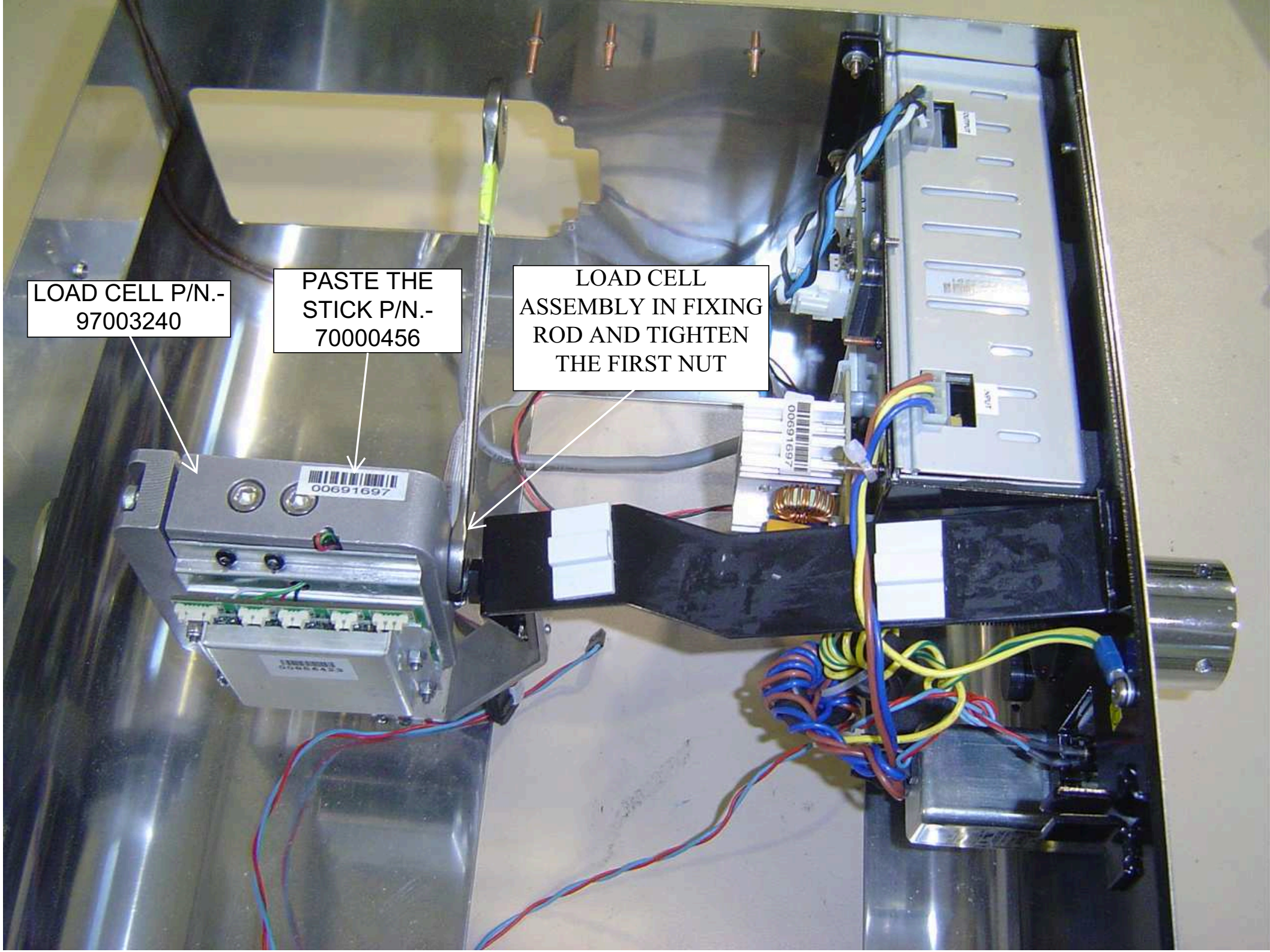
PASTE THE PIECES P/N.- 73120023



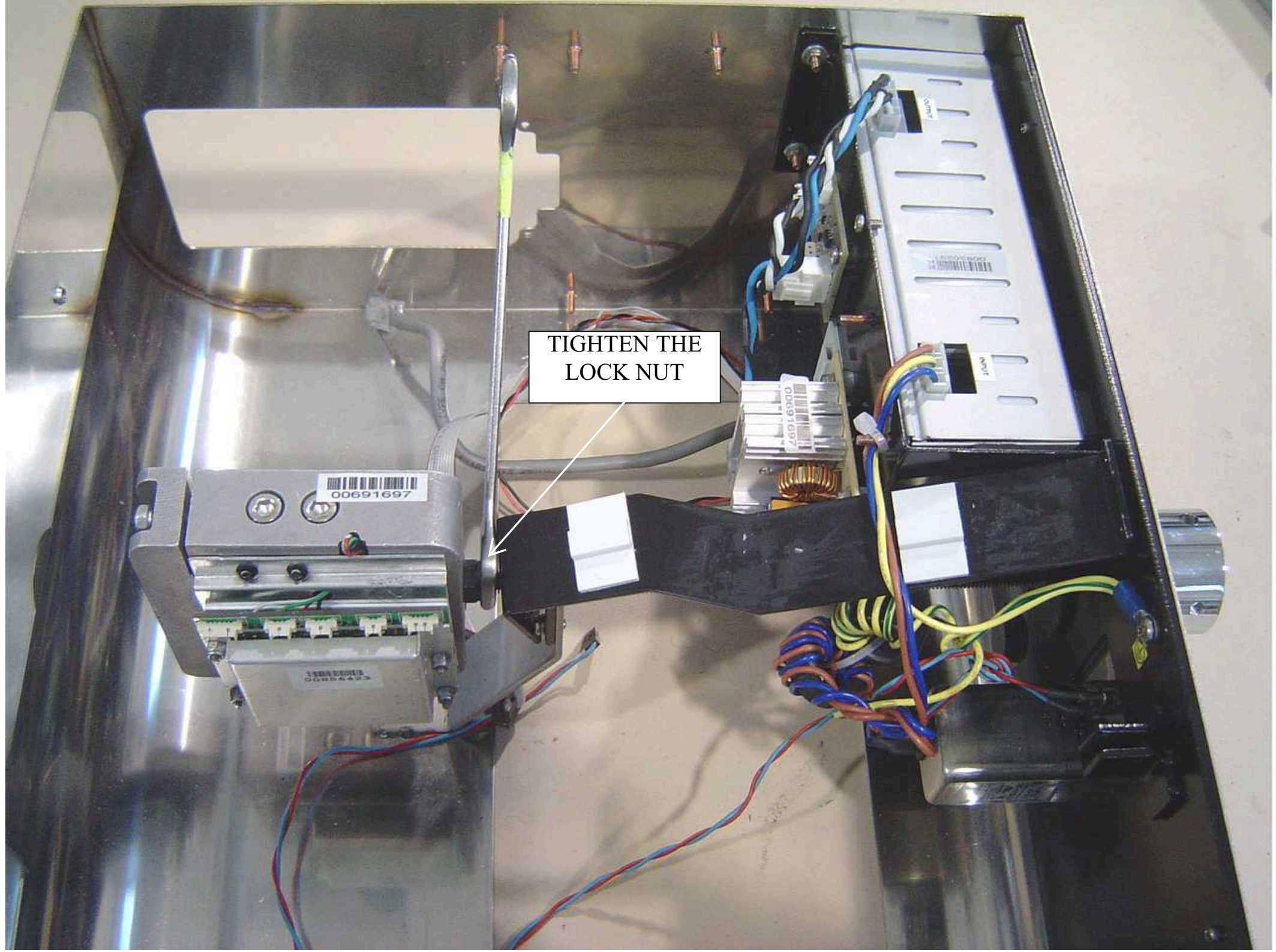
LOAD CELL P/N.-
97003240

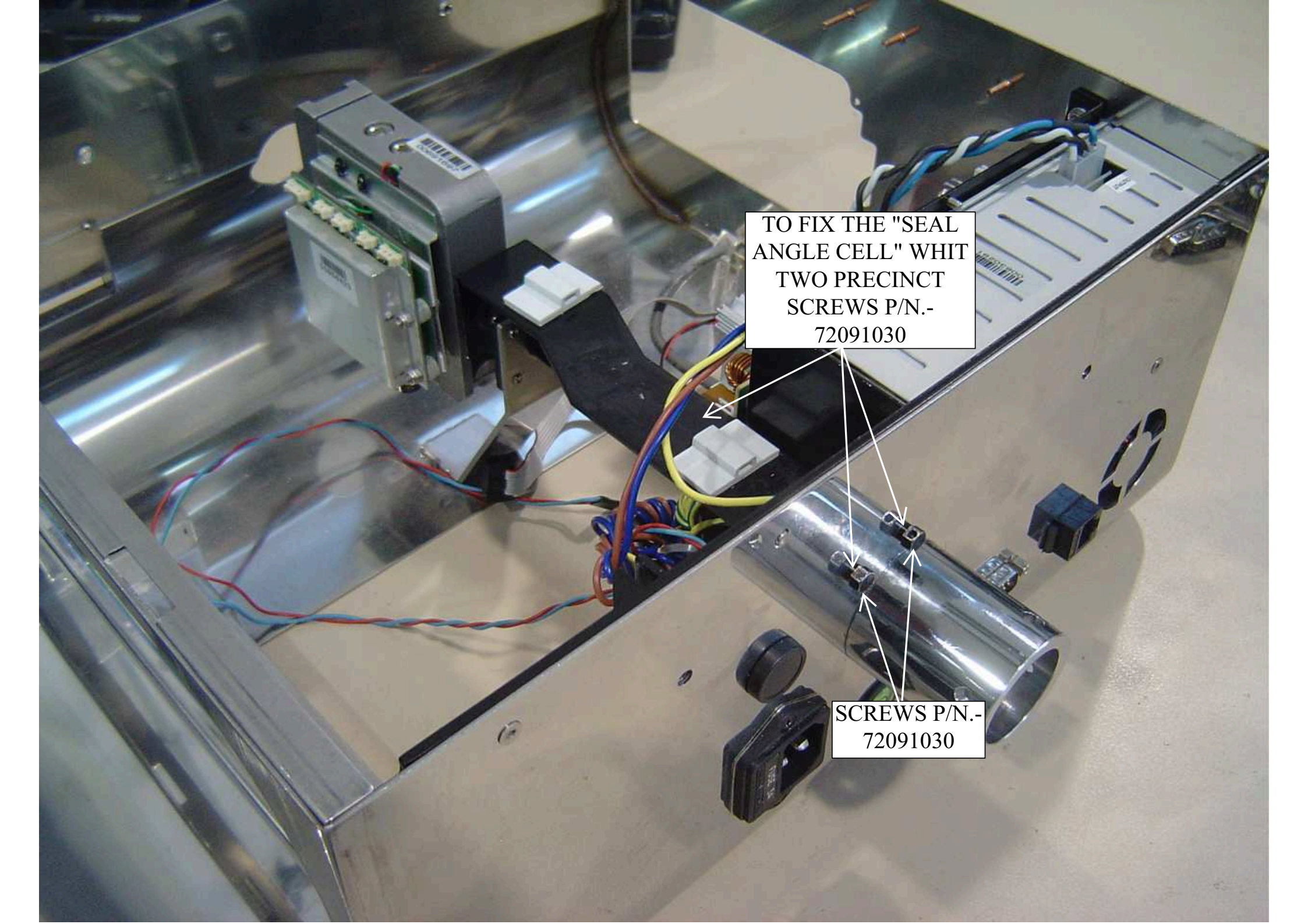
PASTE THE
STICK P/N.-
70000456

LOAD CELL
ASSEMBLY IN FIXING
ROD AND TIGHTEN
THE FIRST NUT



TIGHTEN THE
LOCK NUT





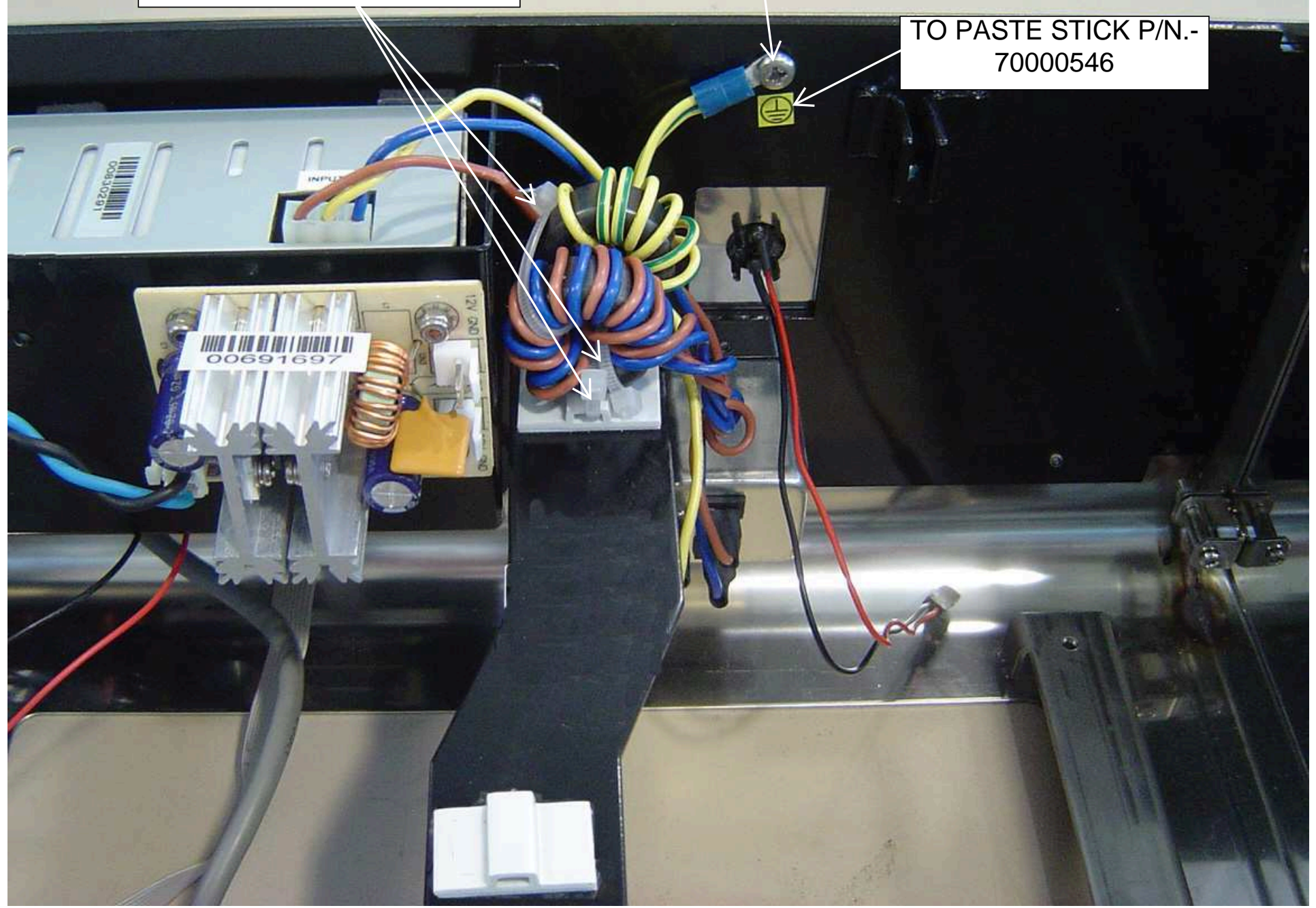
TO FIX THE "SEAL
ANGLE CELL" WHIT
TWO PRECINCT
SCREWS P/N.-
72091030

SCREWS P/N.-
72091030

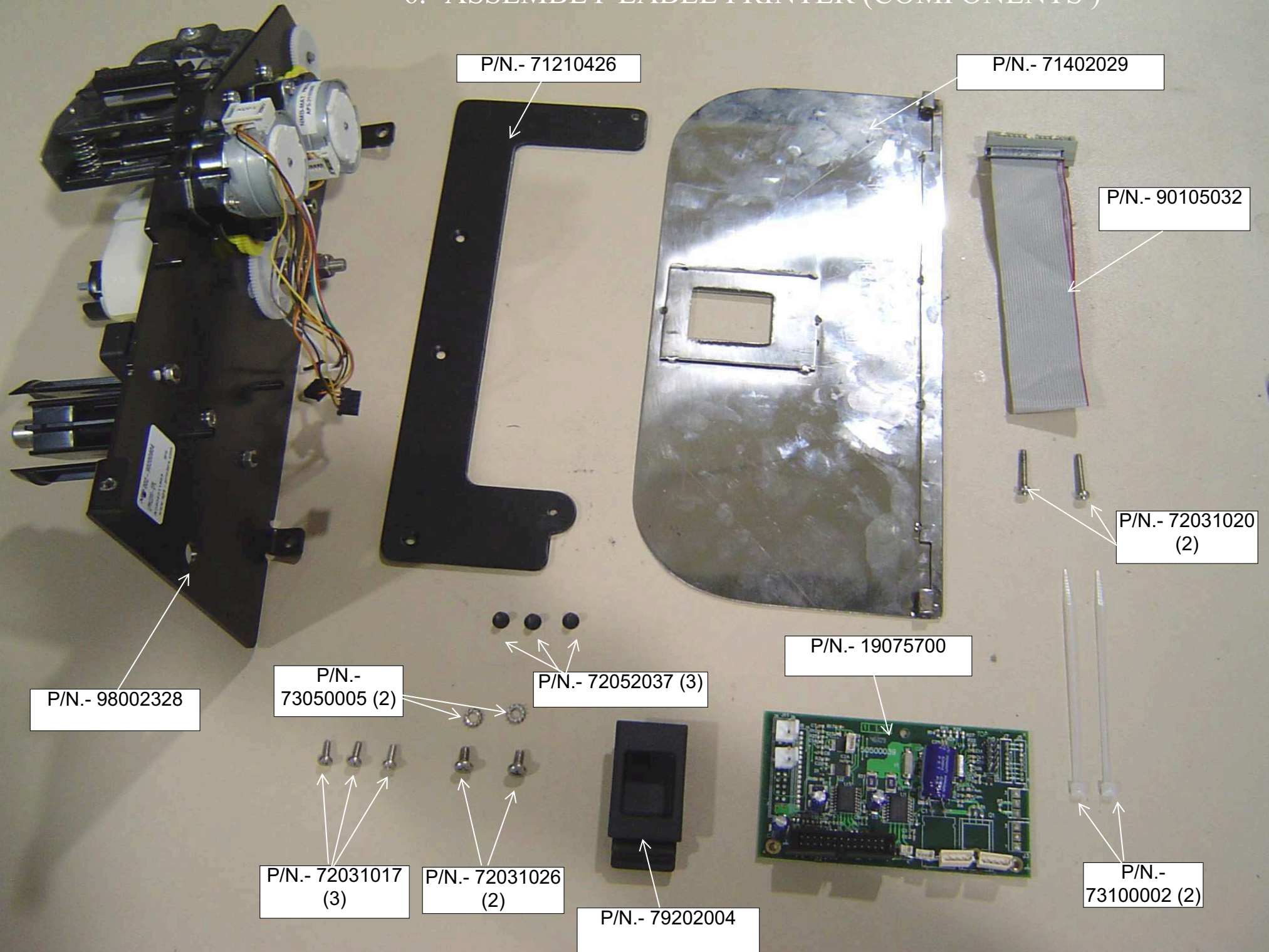
BONDING CLAMP FOR
FIXING THE FLANGE P/N.-
73120023 AND USE THIS
FLANGES P/N.- 73100002 TO
HOLD FERRITAS

TO HOLD GROUND
TERMINAL WITH
SCREW P/N.-
72030025

TO PASTE STICK P/N.-
70000546

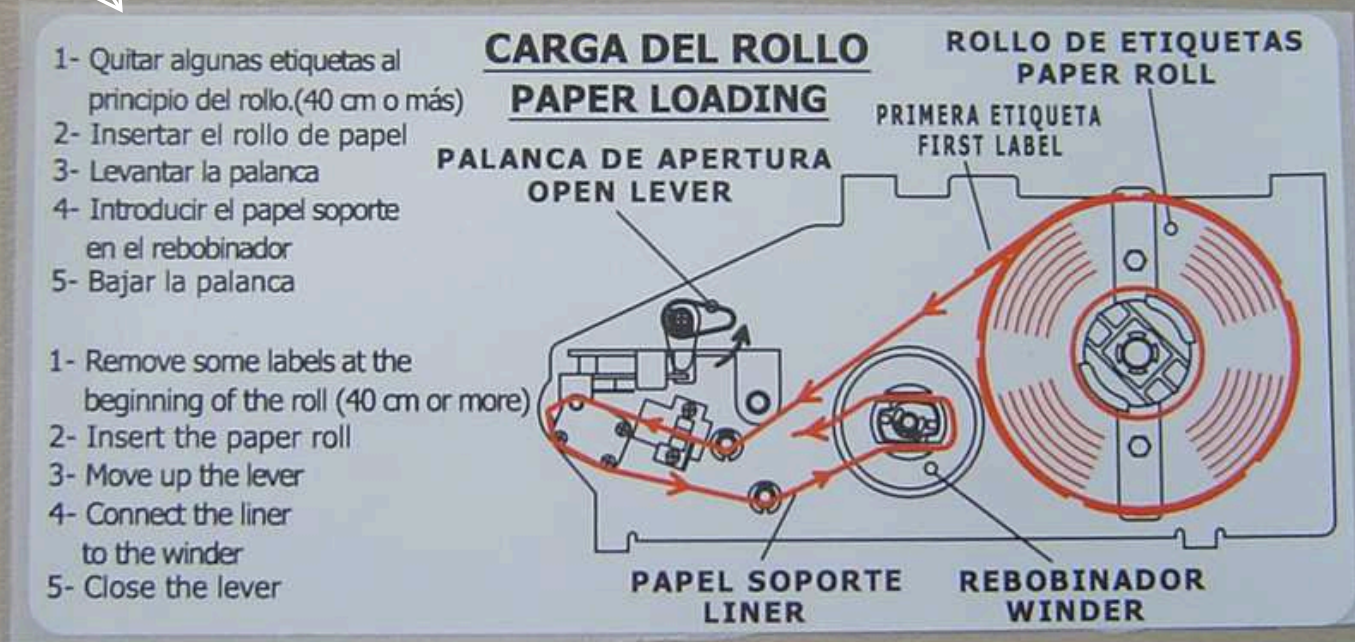


6.- ASSEMBLY LABEL PRINTER (COMPONENTS)



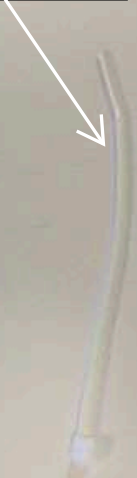
6.- ASSEMBLY LABEL PRINTER (COMPONENTS)

P/N.- 70010321



6.- ASSEMBLY LABEL PRINTER(COMPONENTS)

P/N.-
73100002



P/N
73120023

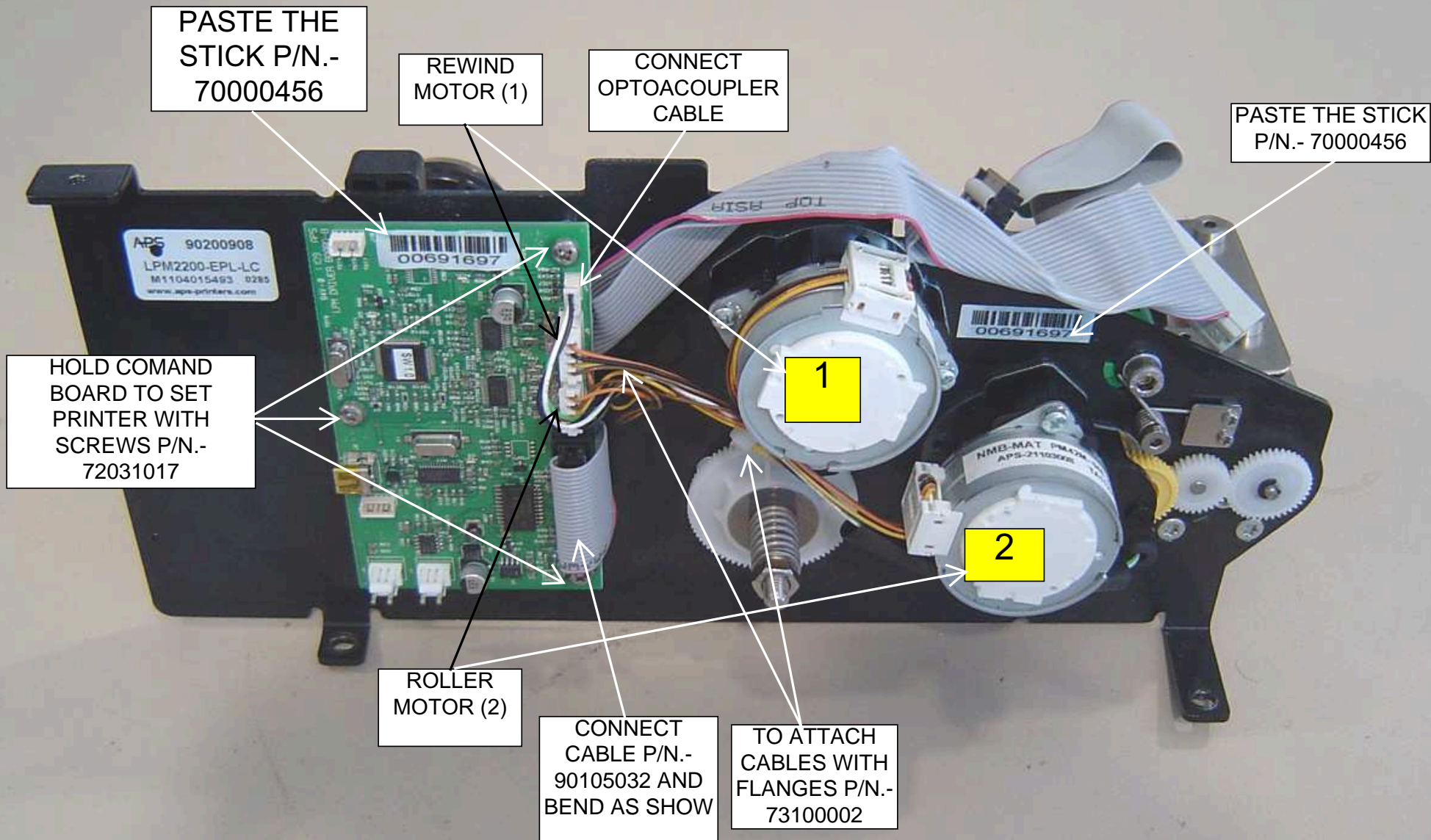


P/N.-
71210404



P/N.-
72030025 (2)





PASTE THE STICK P/N.- 70000456

REWIND MOTOR (1)

CONNECT OPTOACOUPLER CABLE

PASTE THE STICK P/N.- 70000456

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

ROLLER MOTOR (2)

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

TO ATTACH CABLES WITH FLANGES P/N.- 73100002

1

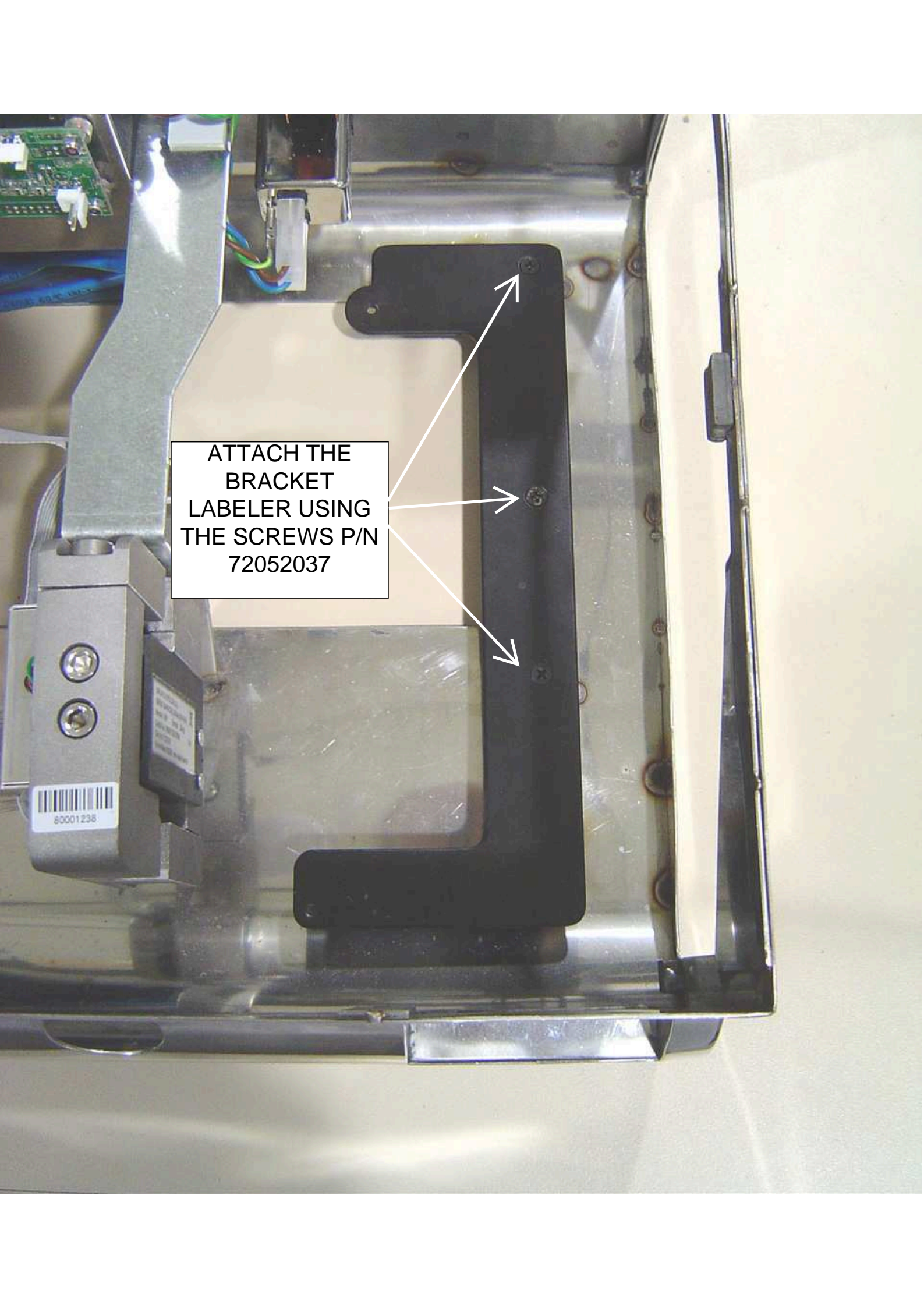
2

APS 90200908
LPM2200-EPL-LC
M1104015493 0285
www.aps-printers.com

00691697

00691697

HMB-MAT PMATM
APS-21103002

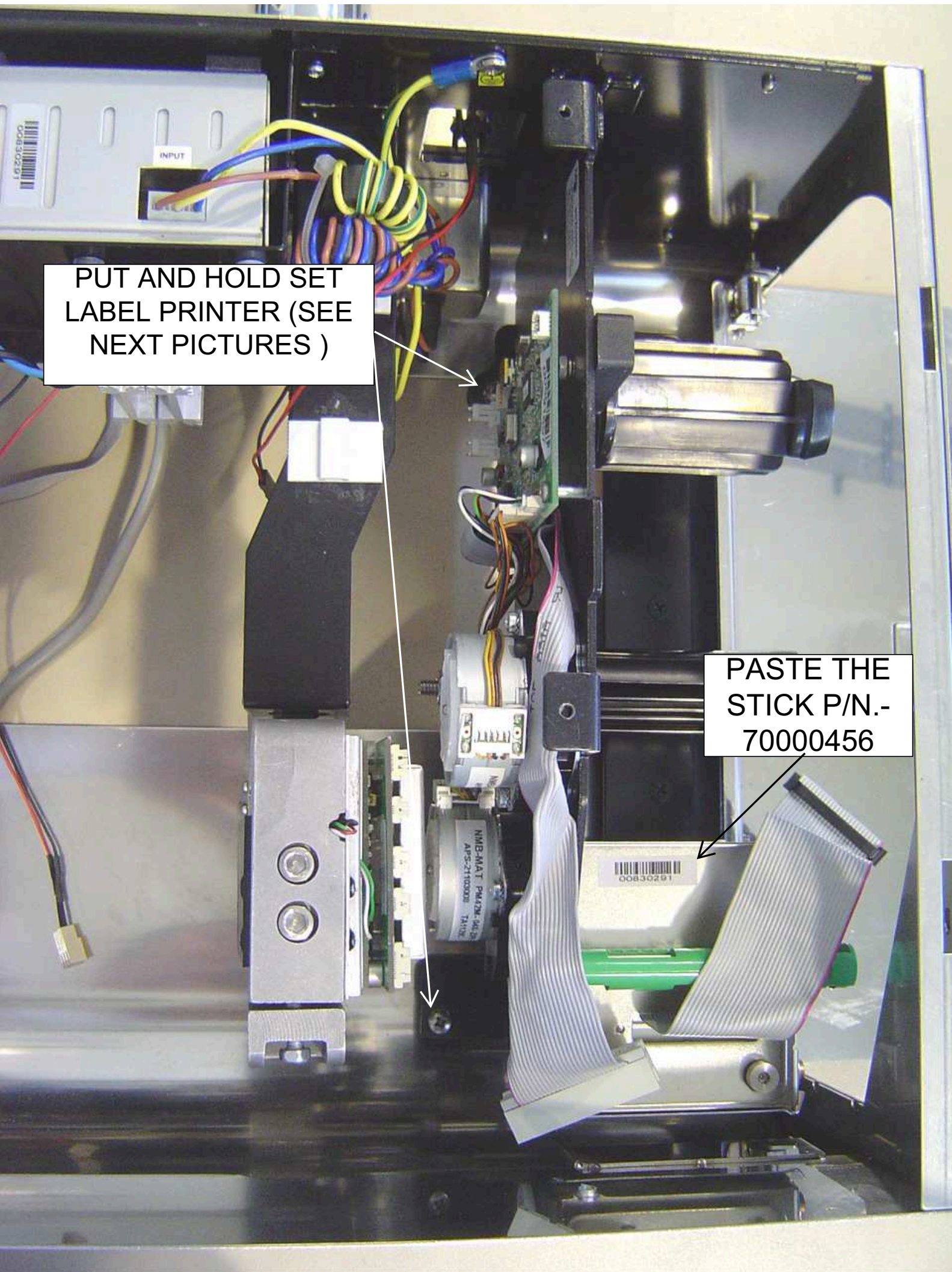


ATTACH THE
BRACKET
LABELER USING
THE SCREWS P/N
72052037

80001238

PUT AND HOLD SET
LABEL PRINTER (SEE
NEXT PICTURES)

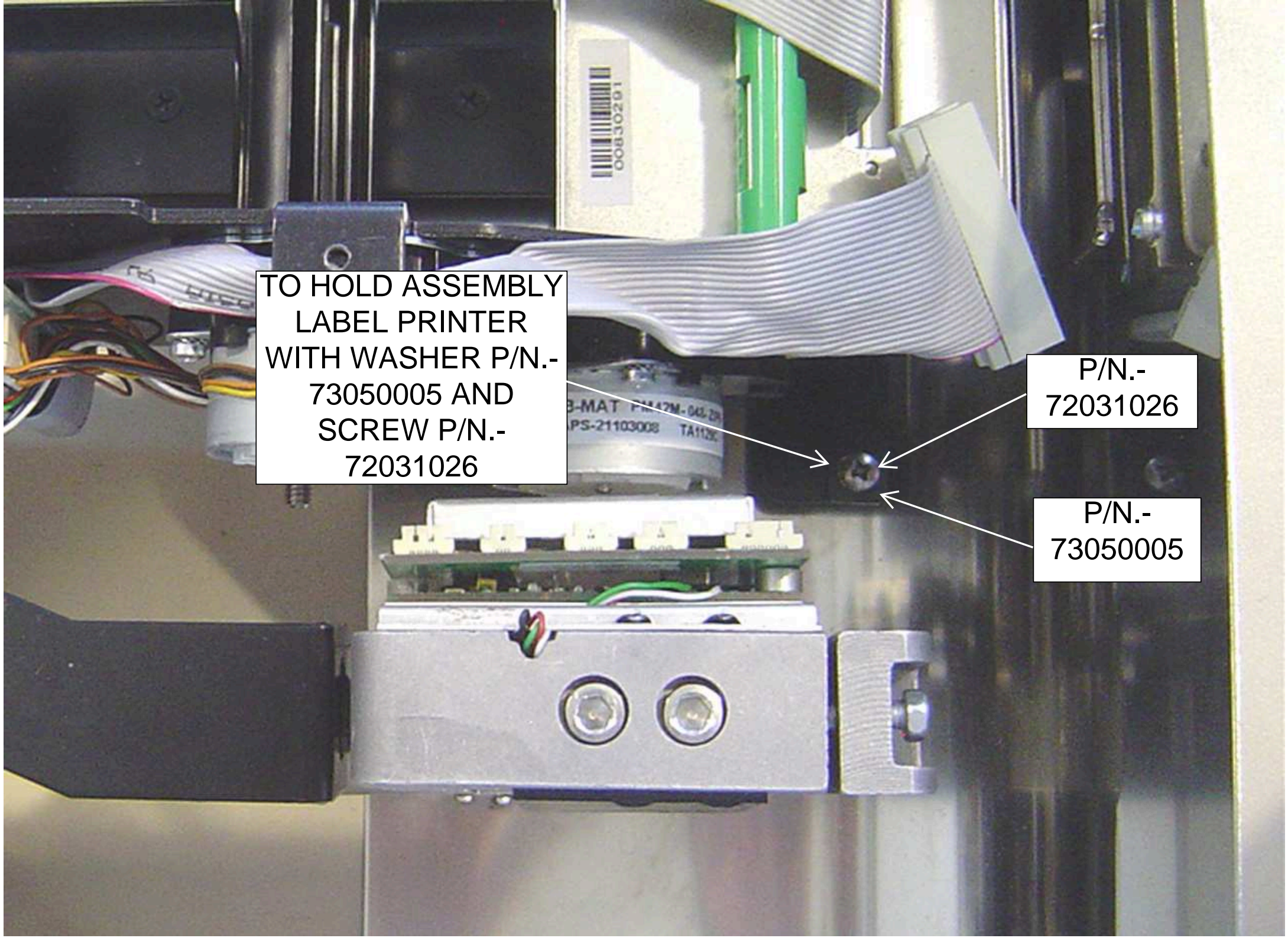
PASTE THE
STICK P/N.-
70000456



TO HOLD ASSEMBLY
LABEL PRINTER
WITH WASHER P/N.-
73050005 AND
SCREW P/N.-
72031026

P/N.-
72031026

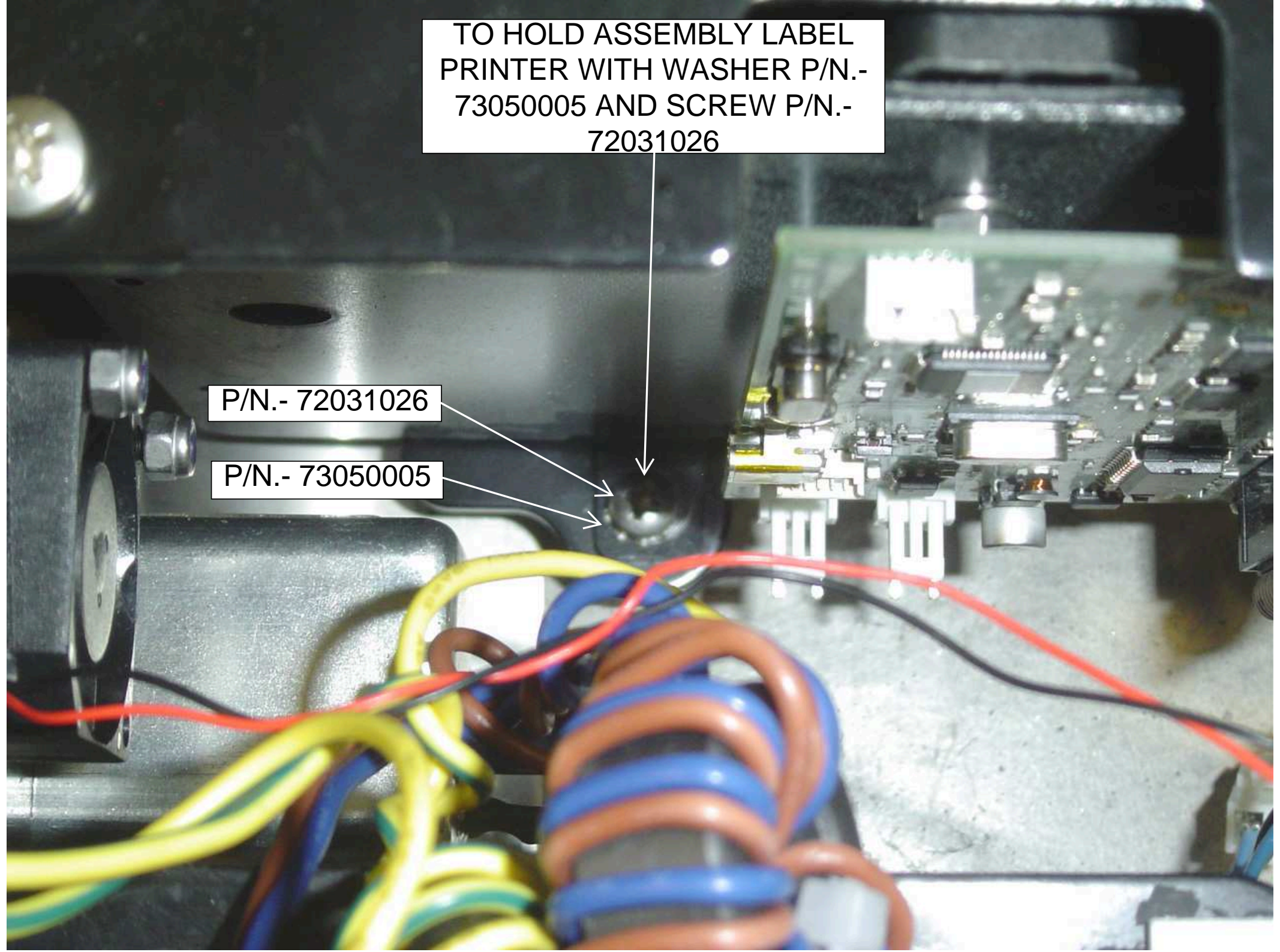
P/N.-
73050005



TO HOLD ASSEMBLY LABEL
PRINTER WITH WASHER P/N.-
73050005 AND SCREW P/N.-
72031026

P/N.- 72031026

P/N.- 73050005



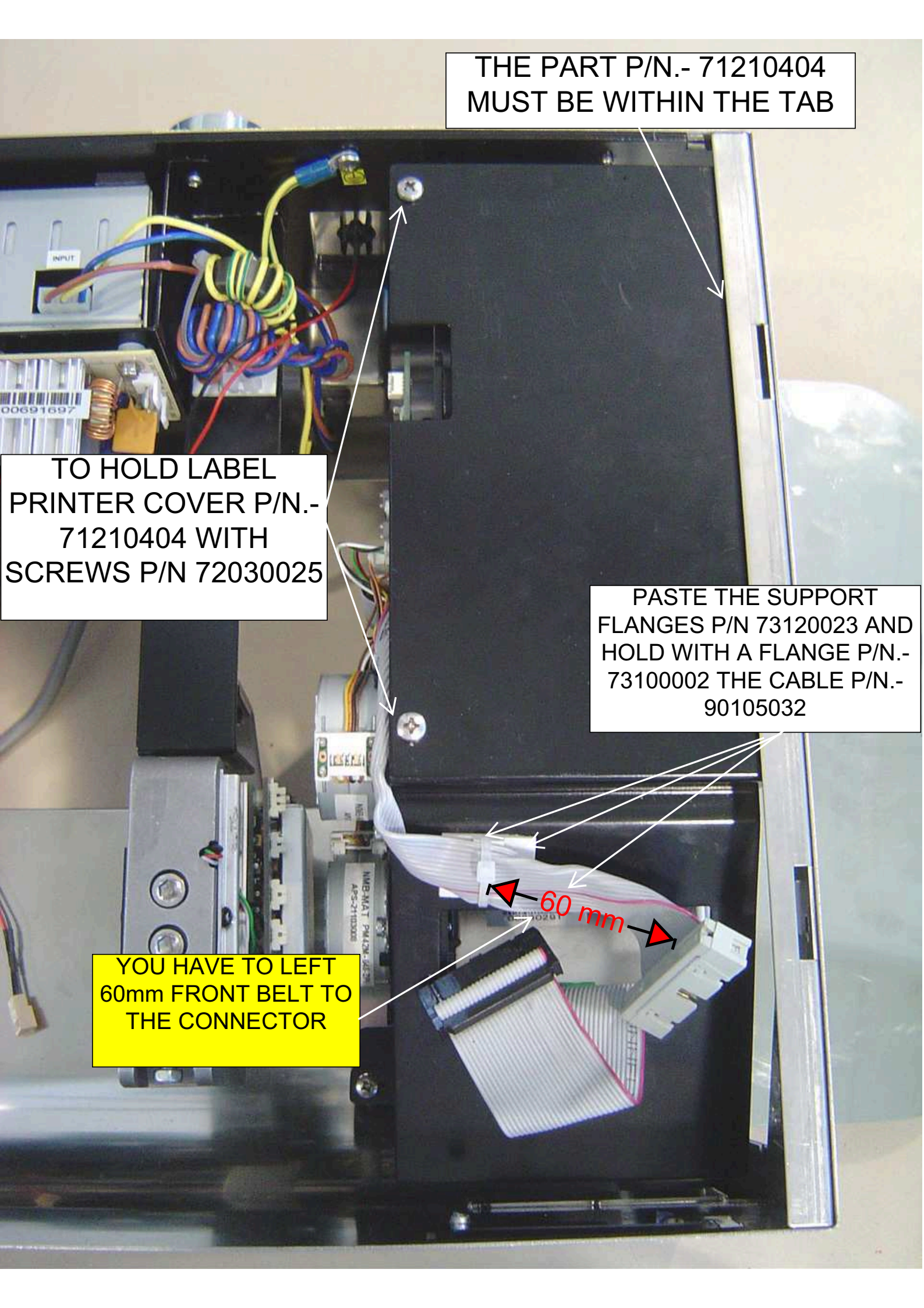
THE PART P/N.- 71210404
MUST BE WITHIN THE TAB

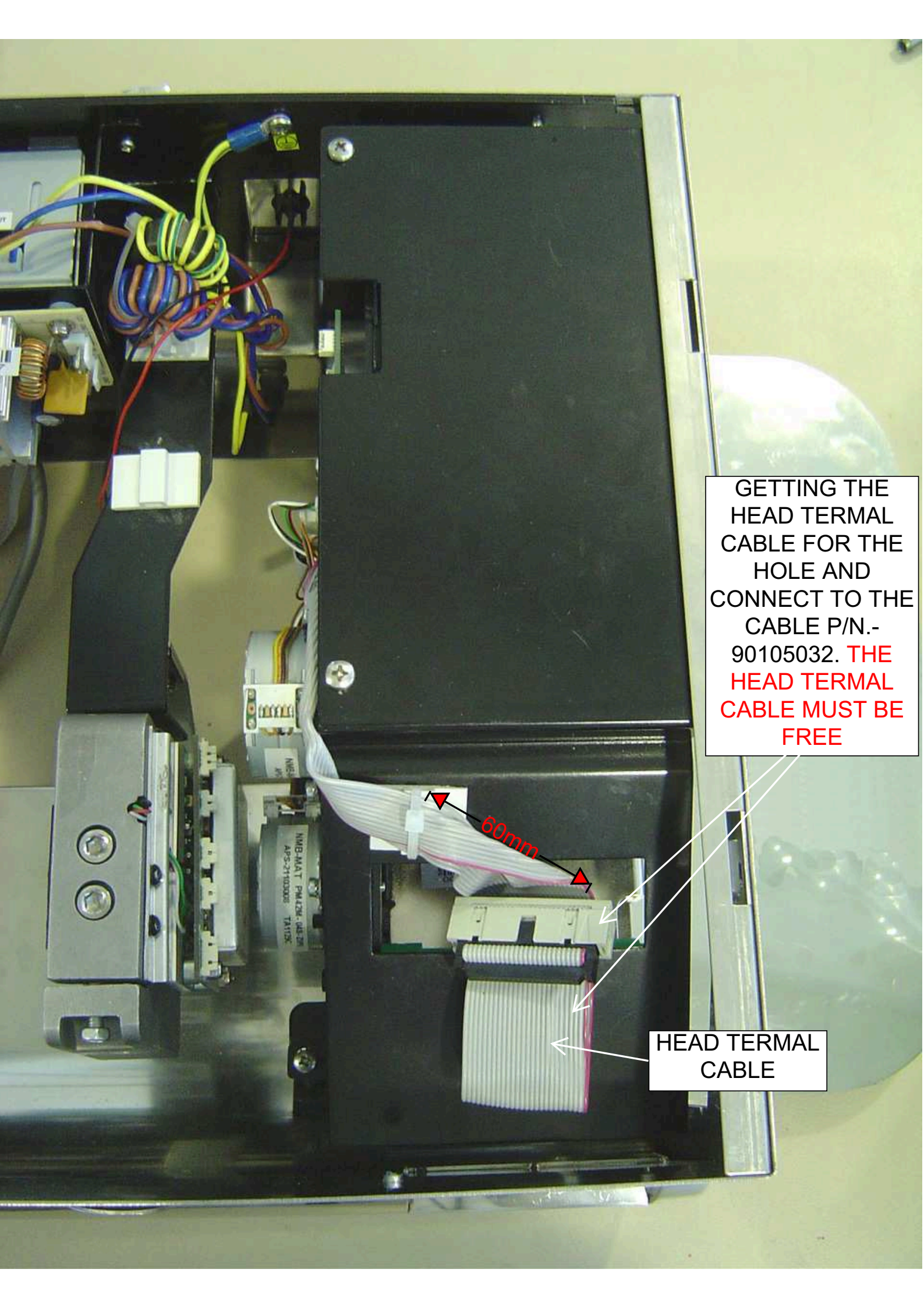
TO HOLD LABEL
PRINTER COVER P/N.-
71210404 WITH
SCREWS P/N 72030025

PASTE THE SUPPORT
FLANGES P/N 73120023 AND
HOLD WITH A FLANGE P/N.-
73100002 THE CABLE P/N.-
90105032

YOU HAVE TO LEFT
60mm FRONT BELT TO
THE CONNECTOR

60 mm



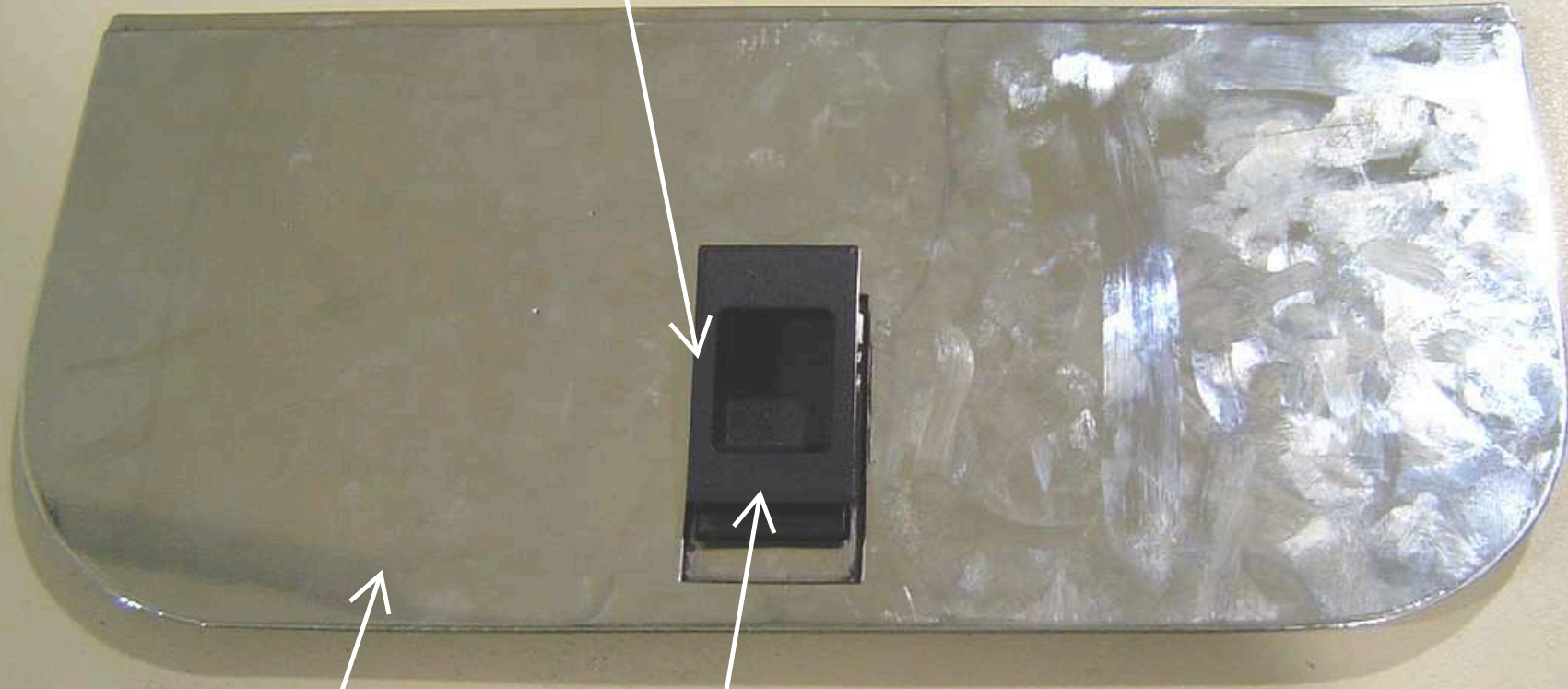


GETTING THE HEAD TERMAL CABLE FOR THE HOLE AND CONNECT TO THE CABLE P/N.- 90105032. **THE HEAD TERMAL CABLE MUST BE FREE**

60mm

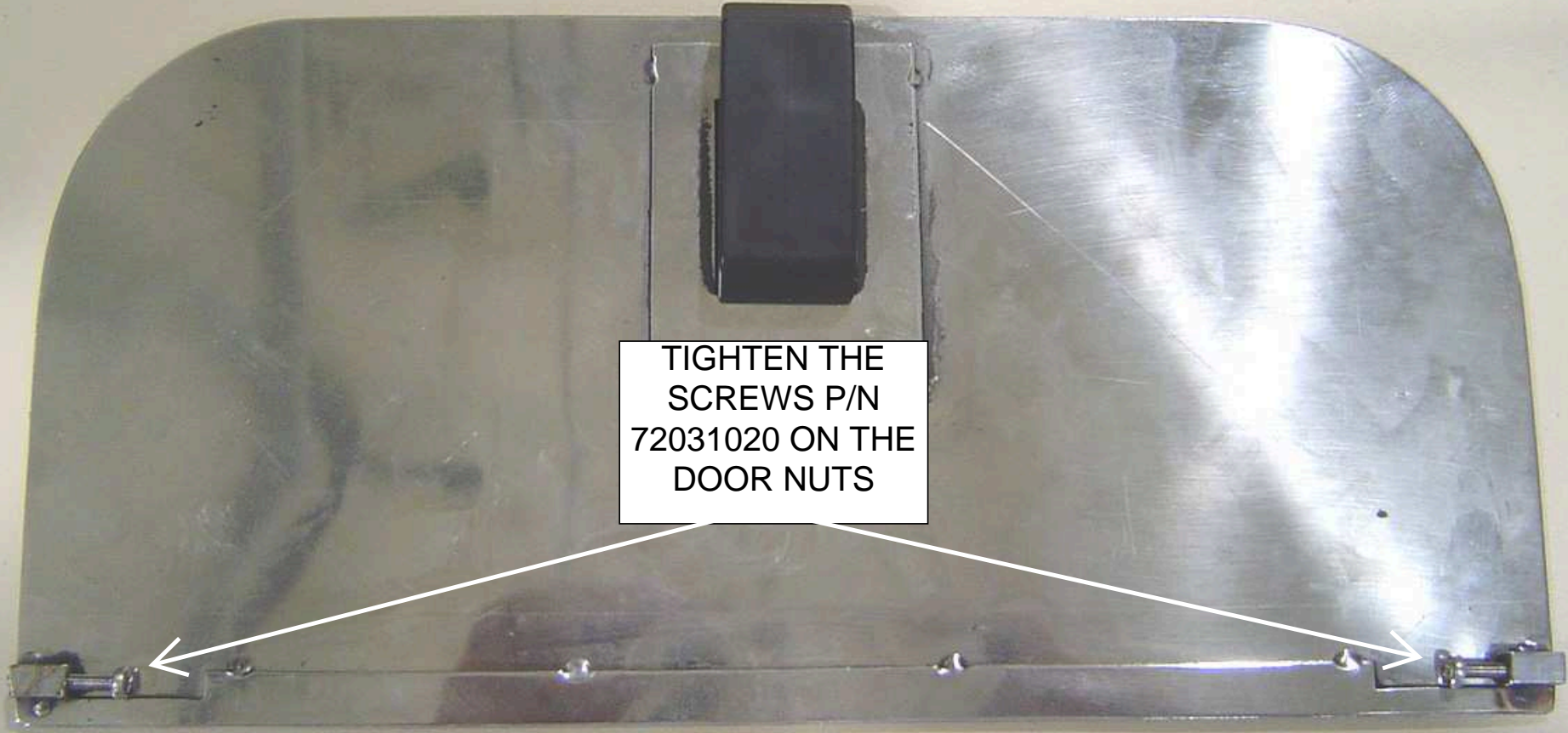
HEAD TERMAL CABLE

FIT THE SIDE
CLOSING DOOR
INSERT THE
OUTSIDE TOWARD
THE INSIDE



P/N.- 71210429

P/N.- 79202004



TIGHTEN THE
SCREWS P/N
72031020 ON THE
DOOR NUTS

TIGHTEN THE SCREWS UNTIL THE END TO HOLD THE DOOR TO THE HOUSING

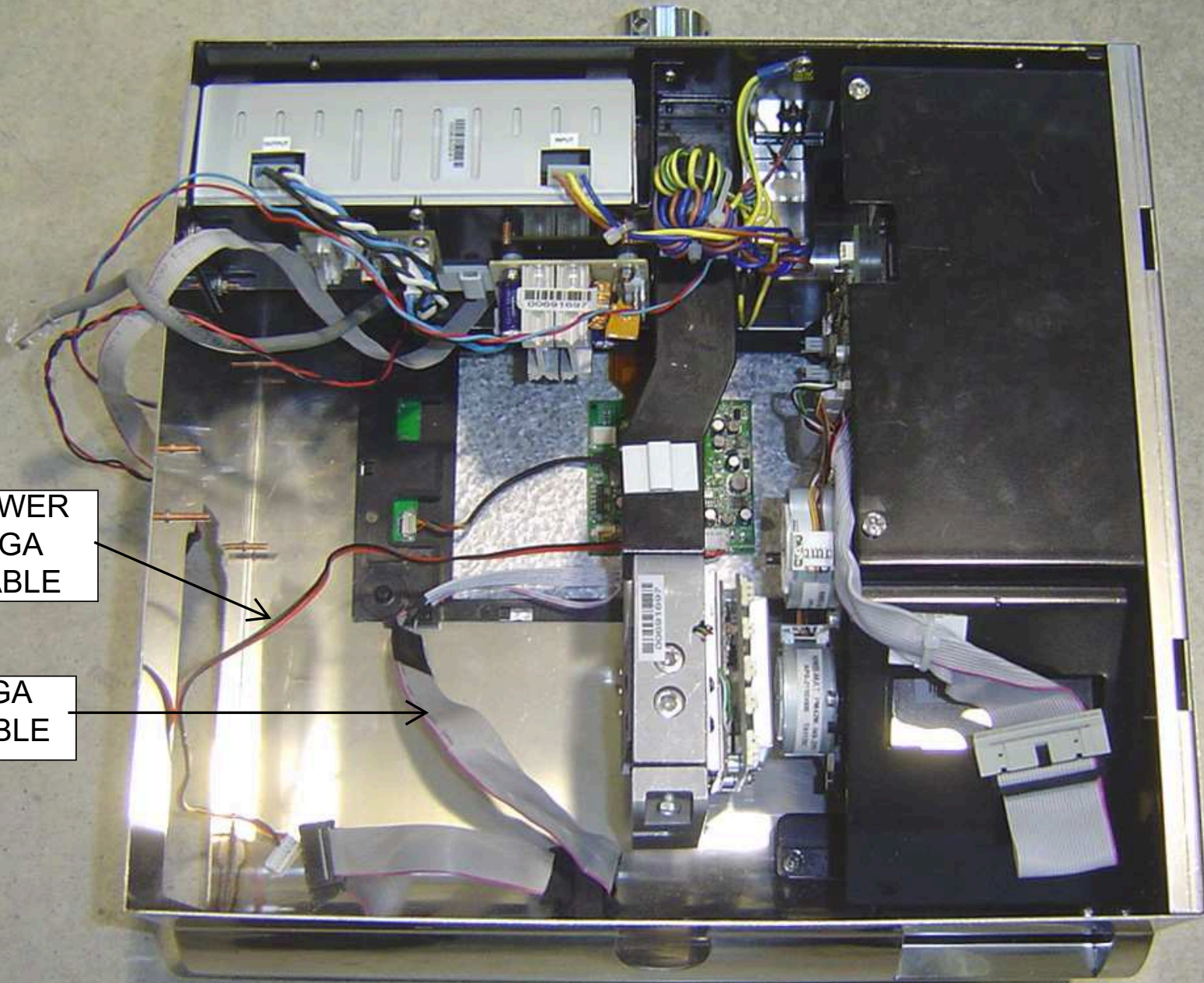
TO PASTE THE STICK P/N.- 70010321



OVERVIEW

POWER
VGA
CABLE

VGA
CABLE



7.- ASSEMBLY FRONT COVER

7.1.- ASSEMBLY TOUCH SCREEN (LVDS). (COMPONENTS)

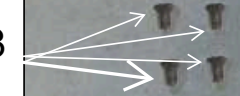
P/N.-
71004498



P/N.-
19018600



P/N.-
72054038
(4)



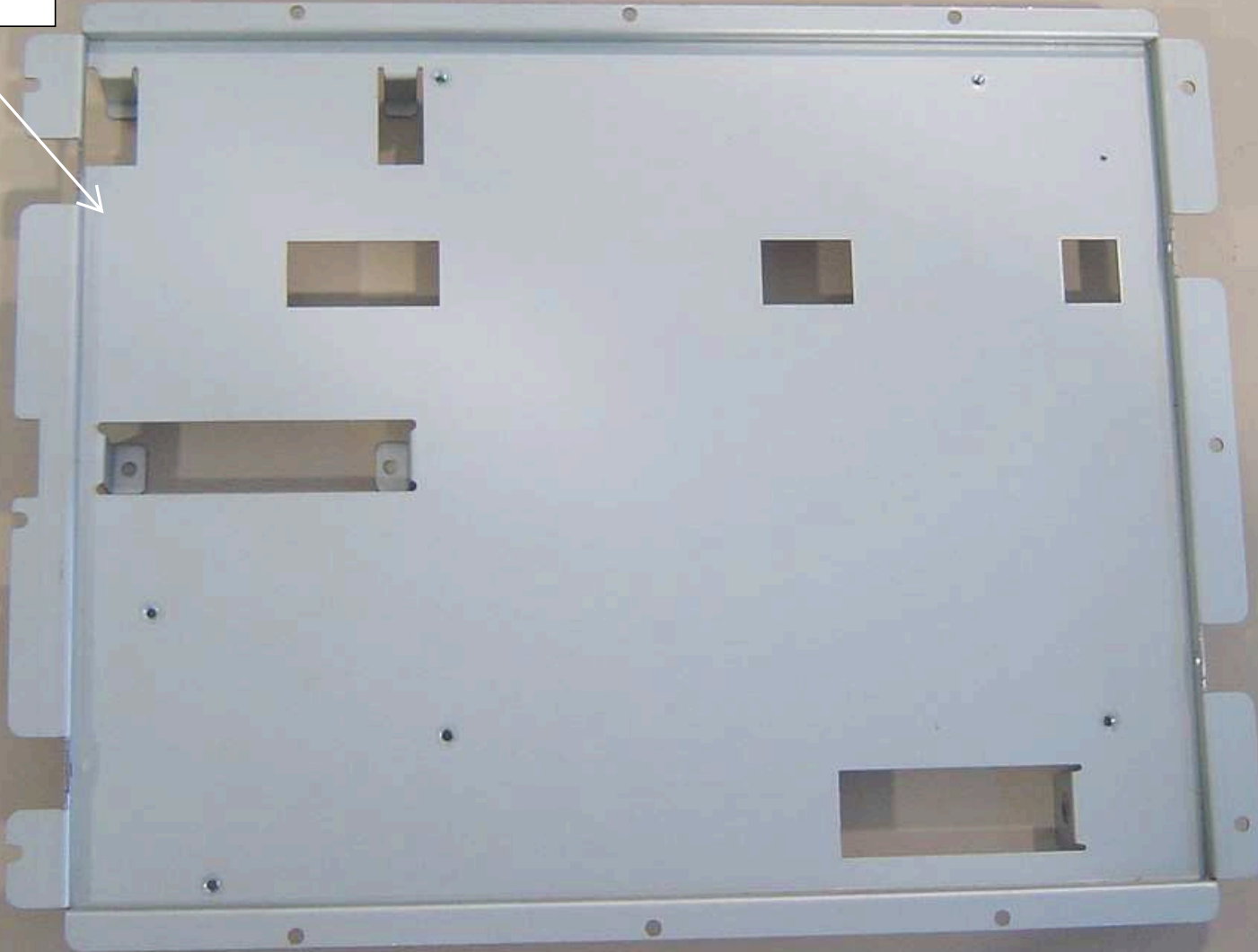
7.1.- ASSEMBLY TOUCH SCREEN (LVDS). (COMPONENTS)

P/N.-
72030002 (4)

P/N.- 73050003
(4)

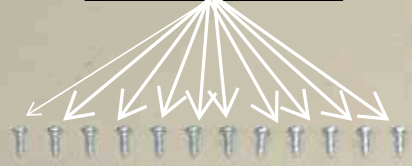


P/N.-
71210539

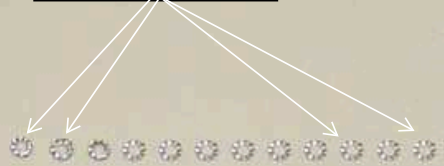


7.1.- ASSEMBLY TOUCH SCREEN (LVDS). (COMPONENTS)

P/N.-
72056002
(12)



P/N.-
73050003
(12)



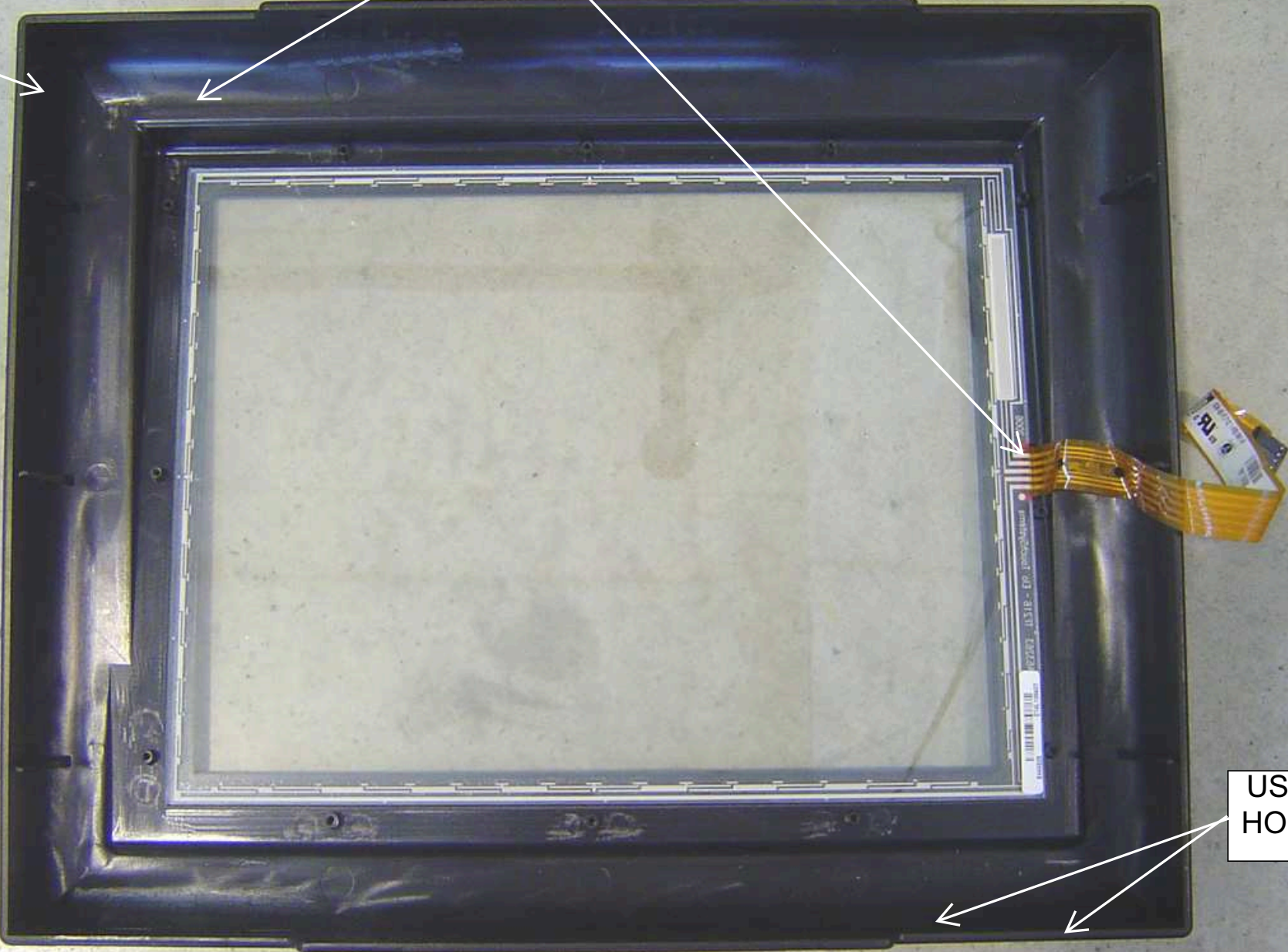
P/N.-
19018500



ASSEMBLY THE TOUCH SCREEN IN THE FRONT COVER IN THIS POSITION (SEE NEXT PICTURE)

TOP

USB'S HOLES



POSITION
DETAIL OF
TOUCH CABLE

706407
C141106407

amshay2hauT oIP - EIo ToncI2hauw

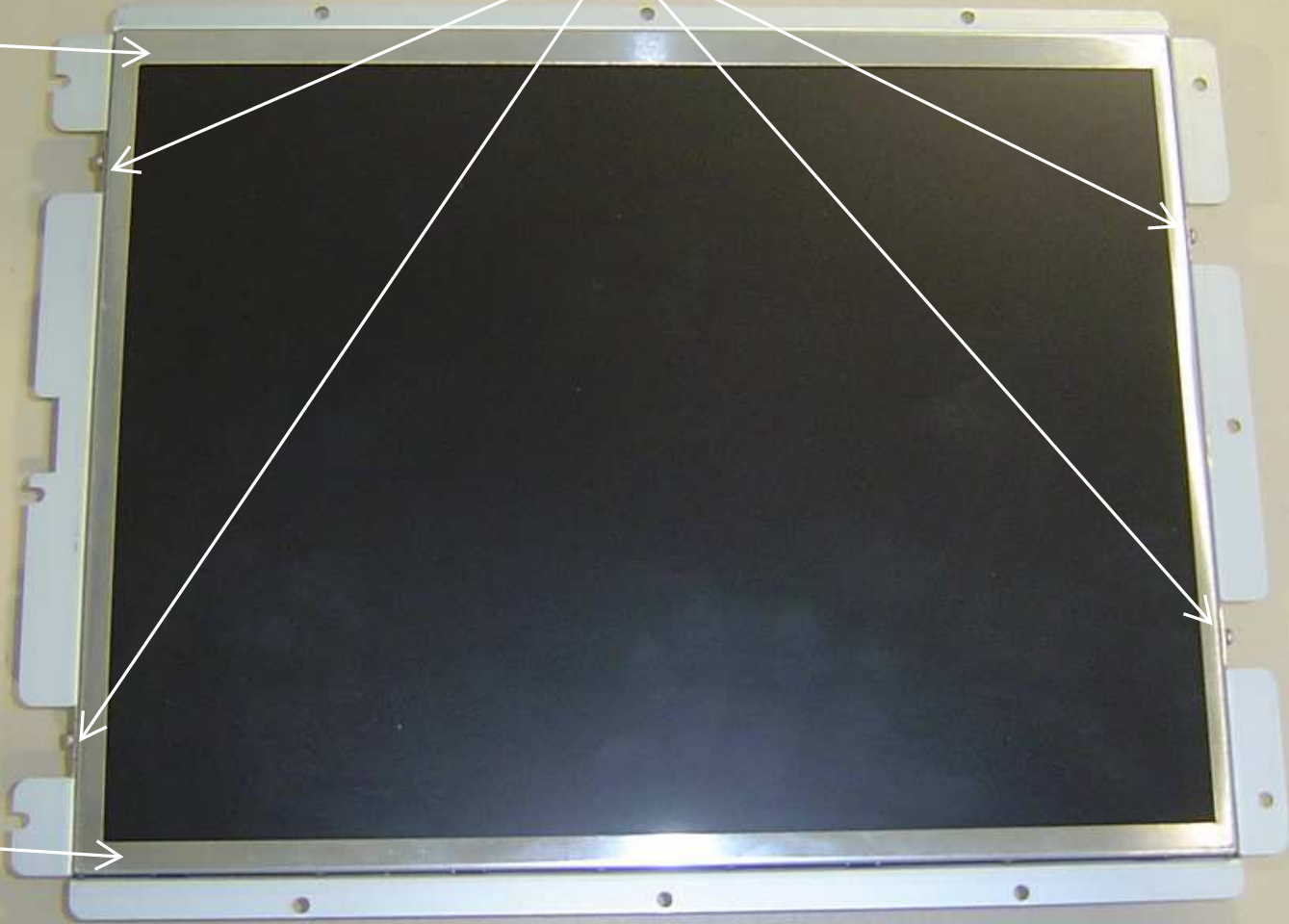
500S

USA
C-RL
US
SAMSUNG ELECTRONICS

PUT THE SCREEN IN THE
SUPPORT IN THIS
POSITION AND HOLD WITH
THE WHASER P/N.-
73050003 AND THE
SCREWS P/N.- 72030002

WIDE

NARROW



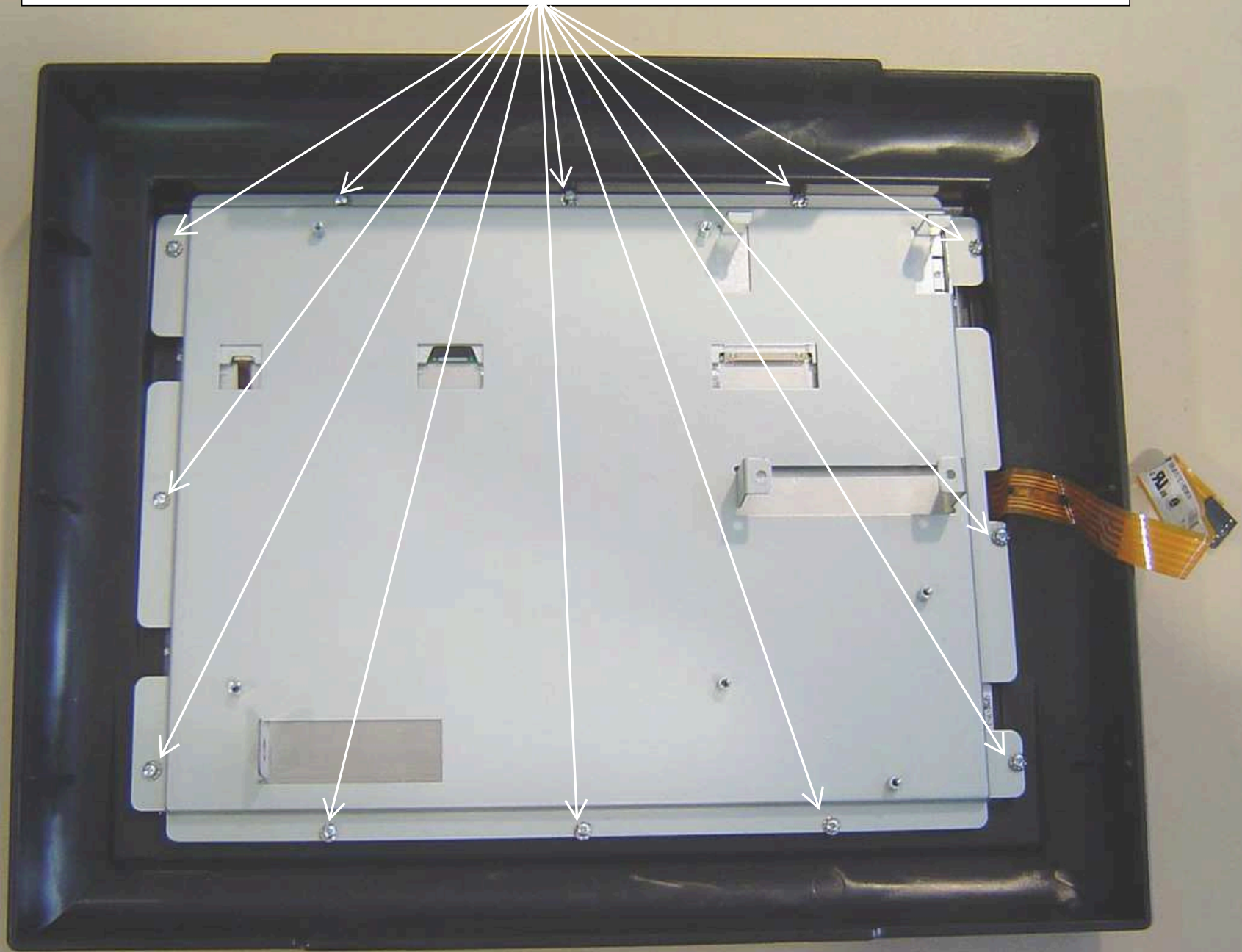


WHASERS P/N.-
73050003 AND
SCREWS P/N.-
72030002

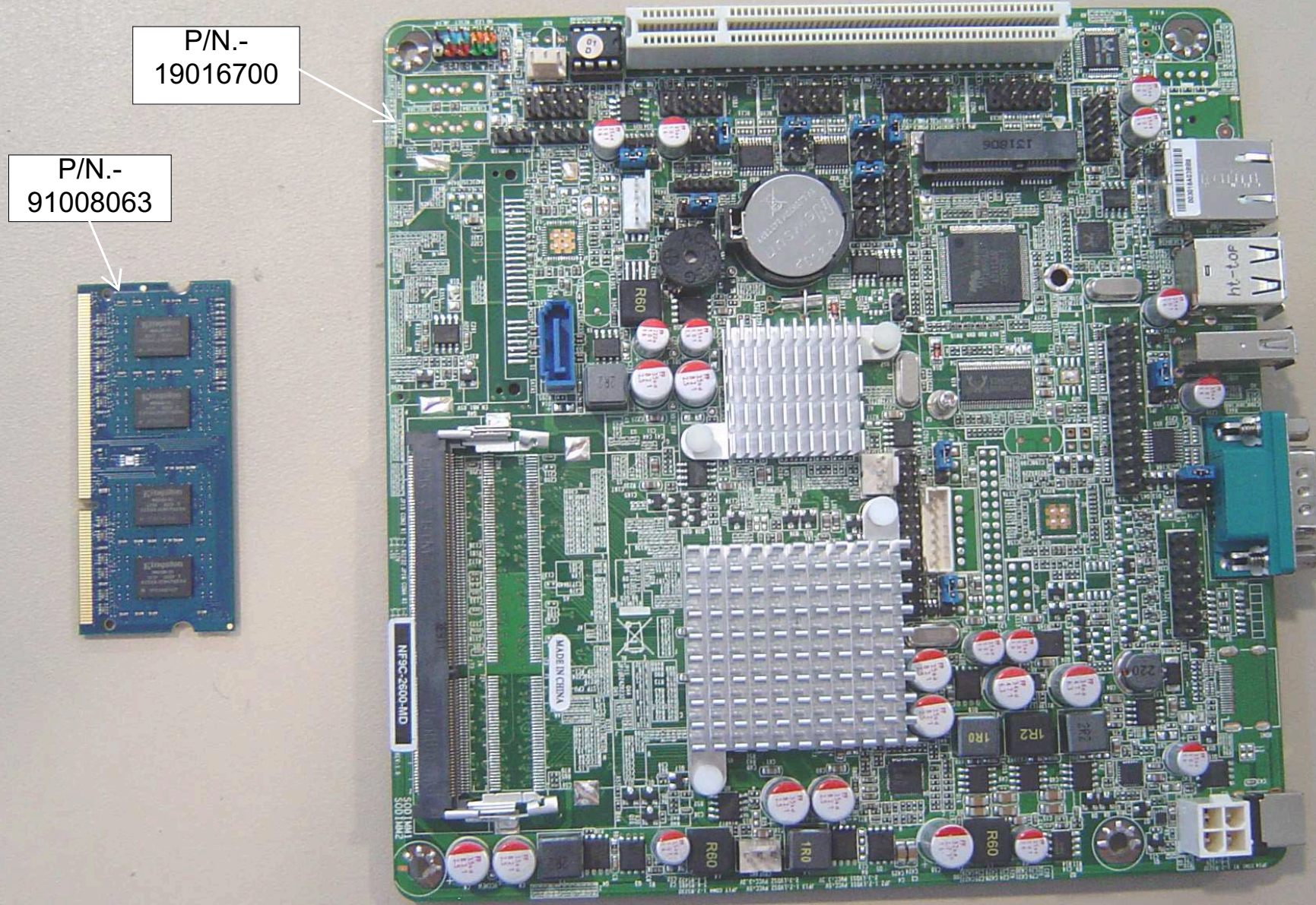


WHASERS P/N.-
73050003 AND
SCREWS P/N.-
72030002

PUT THE SCREEN SET IN FRONT COVER AND HOLD WITH 12 WHASERS P/N.-
73050003 AND 12 SCREWS P/N.- 72056002



7.2.- ASSEMBLY MAIN BOARD AND TOUCH SCREEN CONTROL BOARD (COMPONENTS)



7.2.- ASSEMBLY MAIN BOARD AND TOUCH SCREEN CONTROL BOARD (COMPONENTS)

P/N.-
90114008



P/N.-
90114017



P/N.-
90114014
(150 mm)



P/N.-
19087300



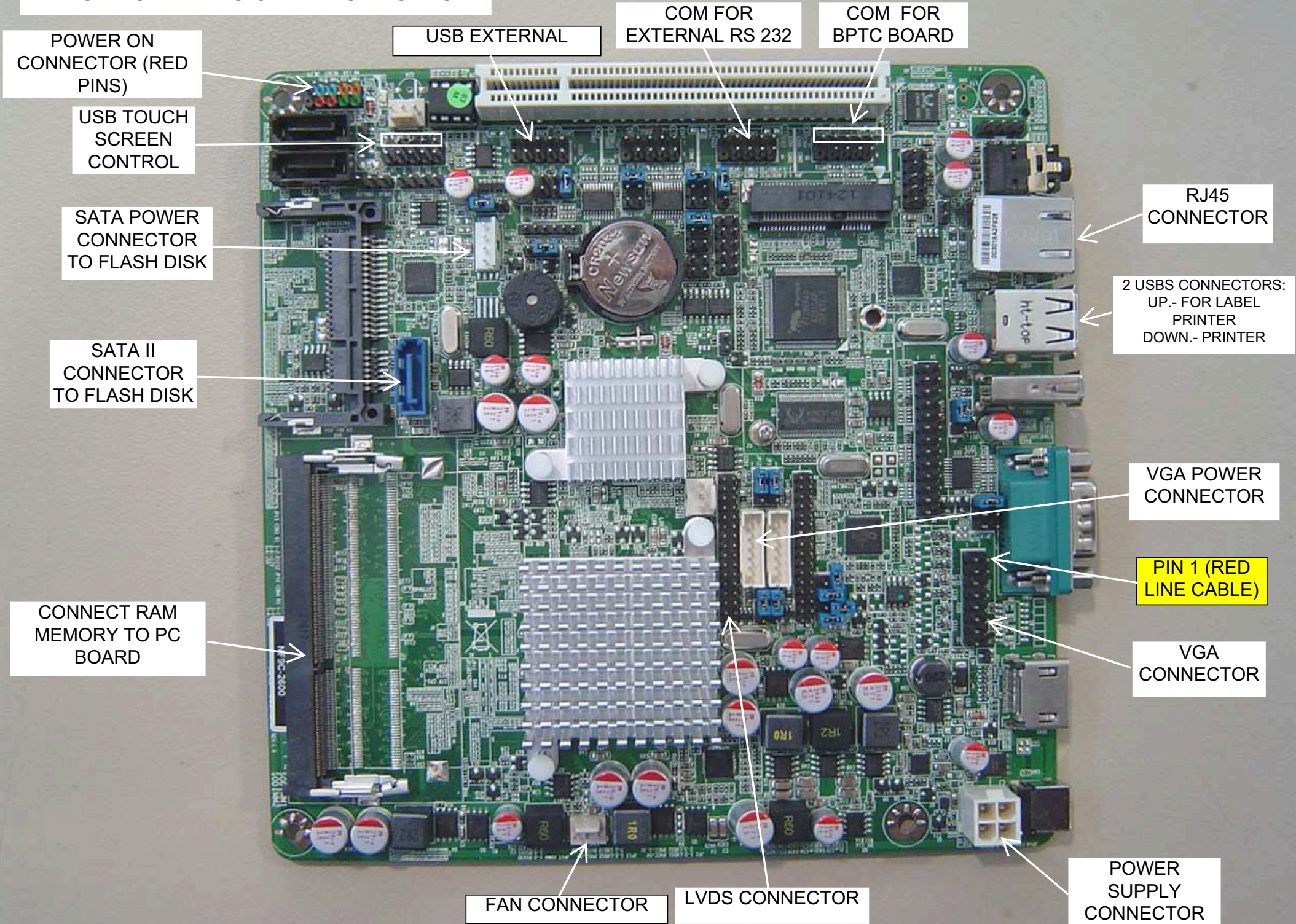
P/N.- 72031015
(6)



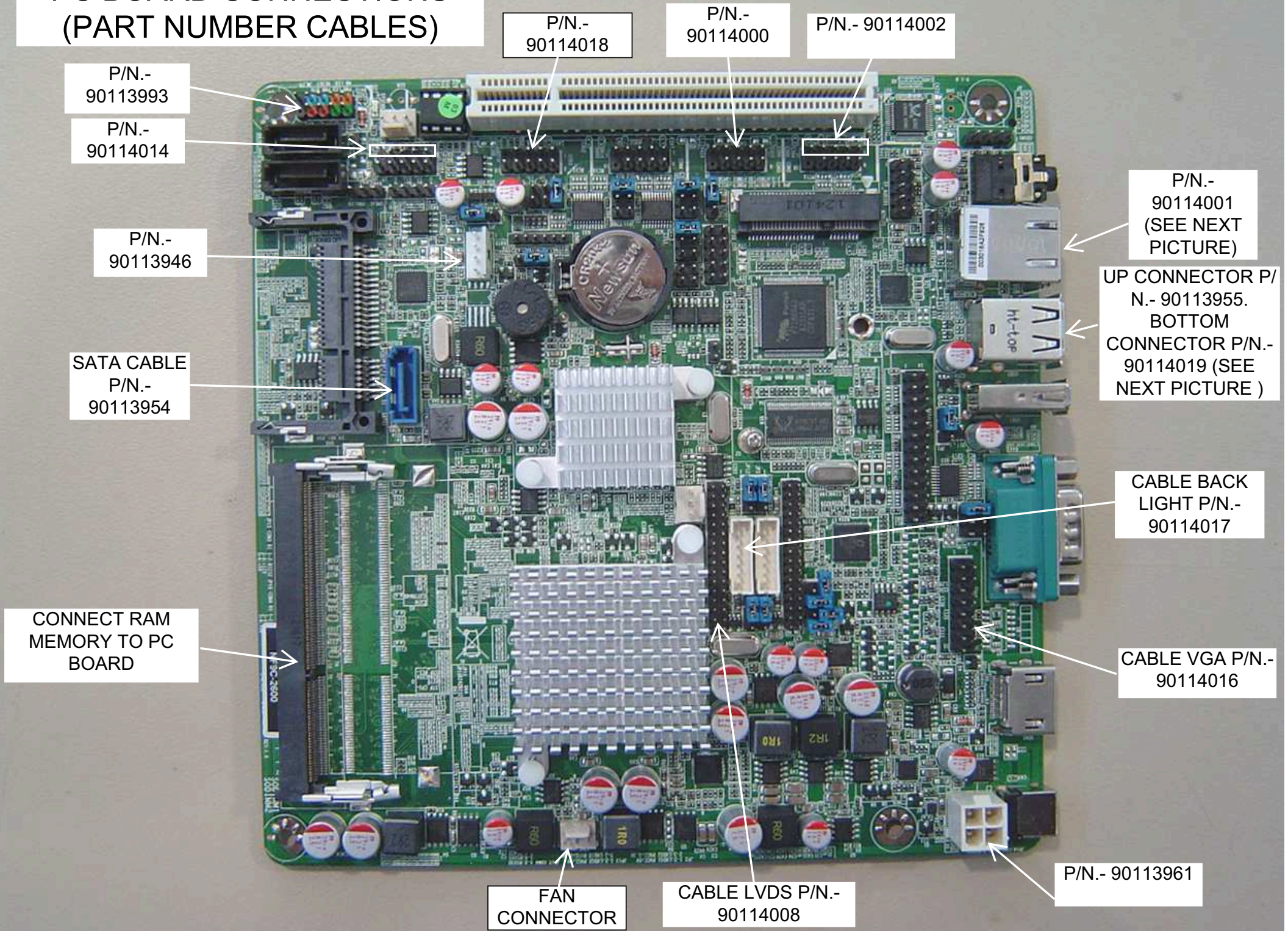
P/N.-73050004
(6)



PC BOARD CONNECTIONS



PC BOARD CONNECTIONS (PART NUMBER CABLES)



P/N.- 90114018

P/N.- 90114000

P/N.- 90114002

P/N.- 90113993

P/N.- 90114014

P/N.- 90113946

SATA CABLE
P/N.- 90113954

CONNECT RAM
MEMORY TO PC
BOARD

FAN
CONNECTOR

CABLE LVDS P/N.-
90114008

P/N.-
90114001
(SEE NEXT
PICTURE)

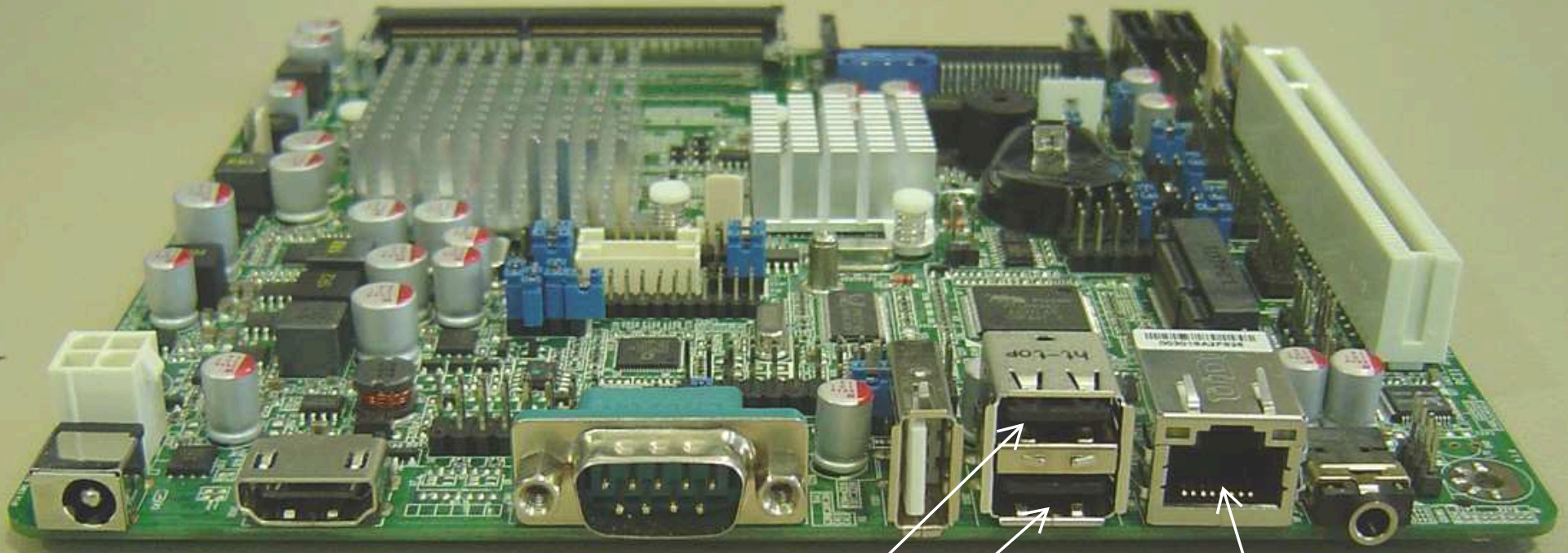
UP CONNECTOR P/
N.- 90113955.
BOTTOM
CONNECTOR P/N.-
90114019 (SEE
NEXT PICTURE)

CABLE BACK
LIGHT P/N.-
90114017

CABLE VGA P/N.-
90114016

P/N.- 90113961

PC BOARD CONNECTIONS (PART NUMBER CABLES)

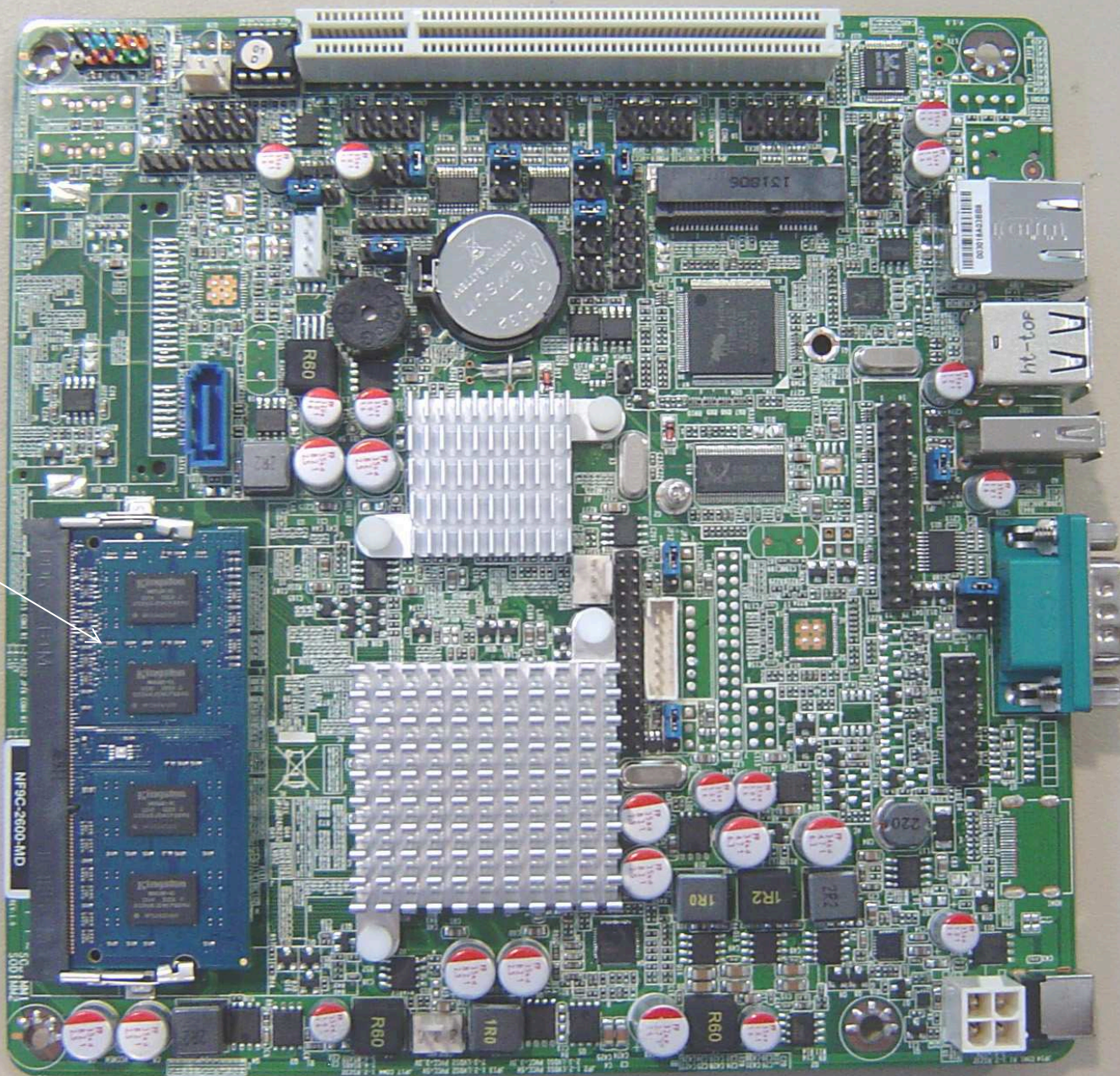


CABLE USB FOR LABEL
PRINTER P/N.- 90113955

CABLE USB FOR
PRINTER P/N.-
90114019

CABLE FOR
EXTERNAL RJ 45
P/N.- 90114001

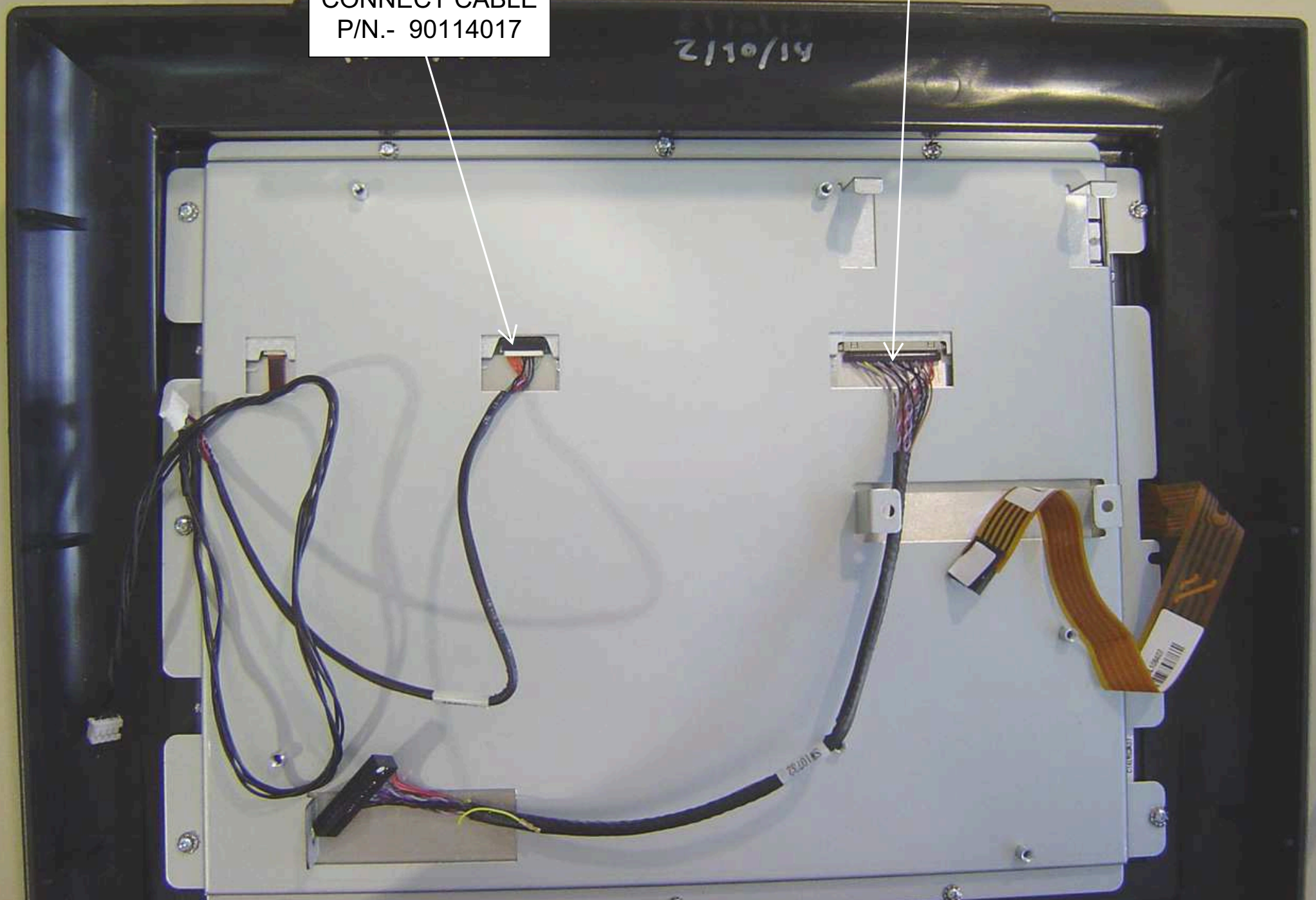
CONNECT MEMORY
P/N.- 91008063



CONNECT CABLE
P/N.- 90114017

CONNECT
CABLE P/N.-
90114008

2/10/12



CONNECT
CABLE P/N.-
90114017

HOLD THE BOARD WITH 4
WHASERS P/N.-73050004 AND 4
SCREWS P/N.- 72031015

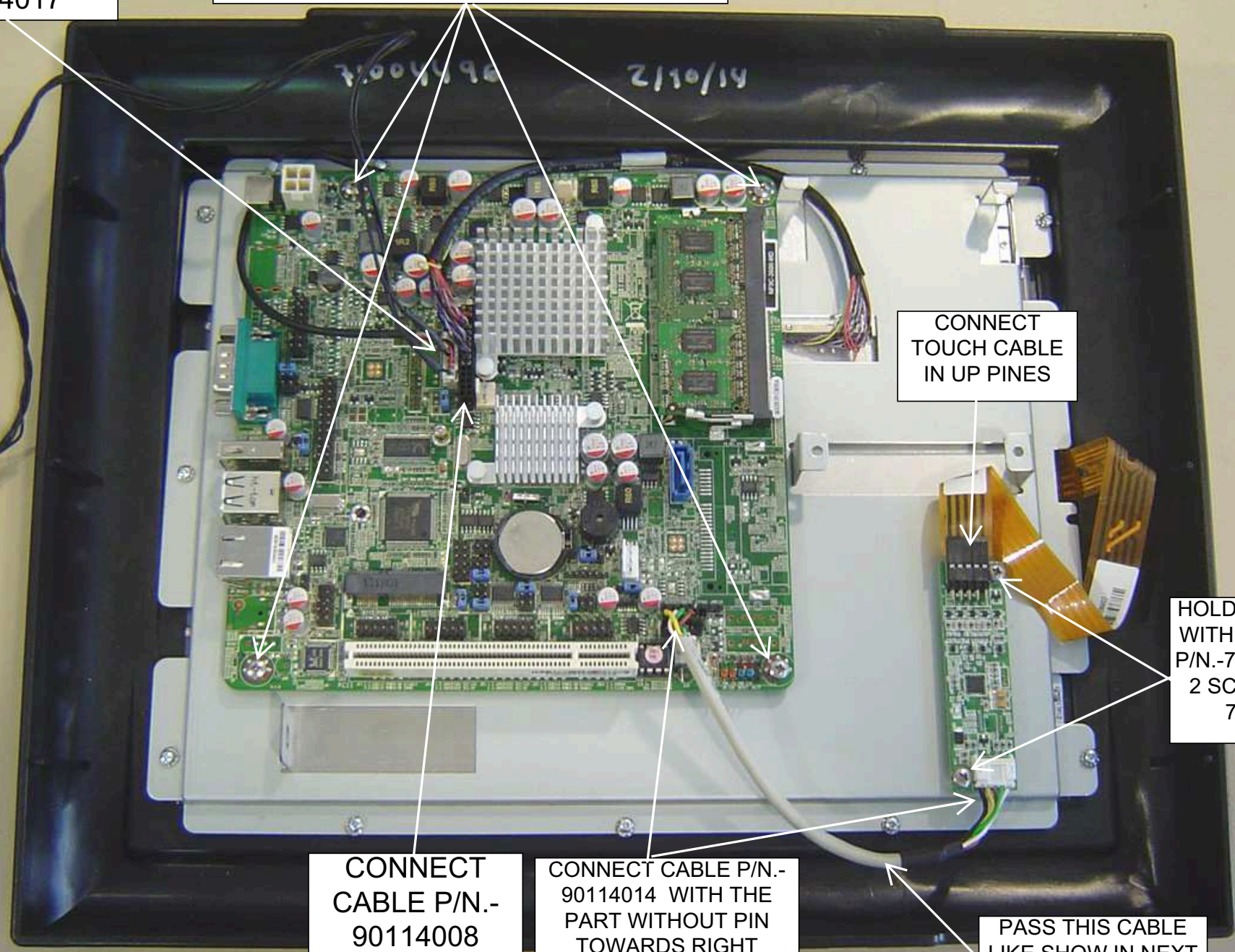
CONNECT
TOUCH CABLE
IN UP PINES

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

CONNECT
CABLE P/N.-
90114008

CONNECT CABLE P/N.-
90114014 WITH THE
PART WITHOUT PIN
TOWARDS RIGHT

PASS THIS CABLE
LIKE SHOW IN NEXT
PICTURE



7.3.- ASSEMBLY HARD DISK AND EXTERNAL USB'S (COMPONENTS)

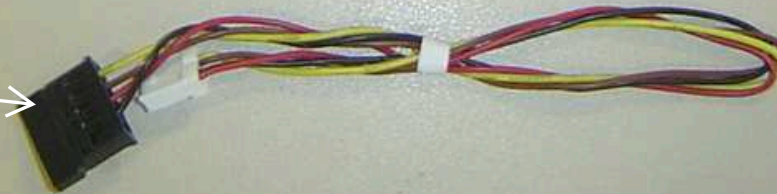
P/N.- 72031015 (2)
P/N.- 73050004 (2)
P/N.- 72054017 (4)

P/N.- 91008064
(60 / 64 GB)

P/N.- 90114018

P/N.- 90113954

P/N.- 90113946

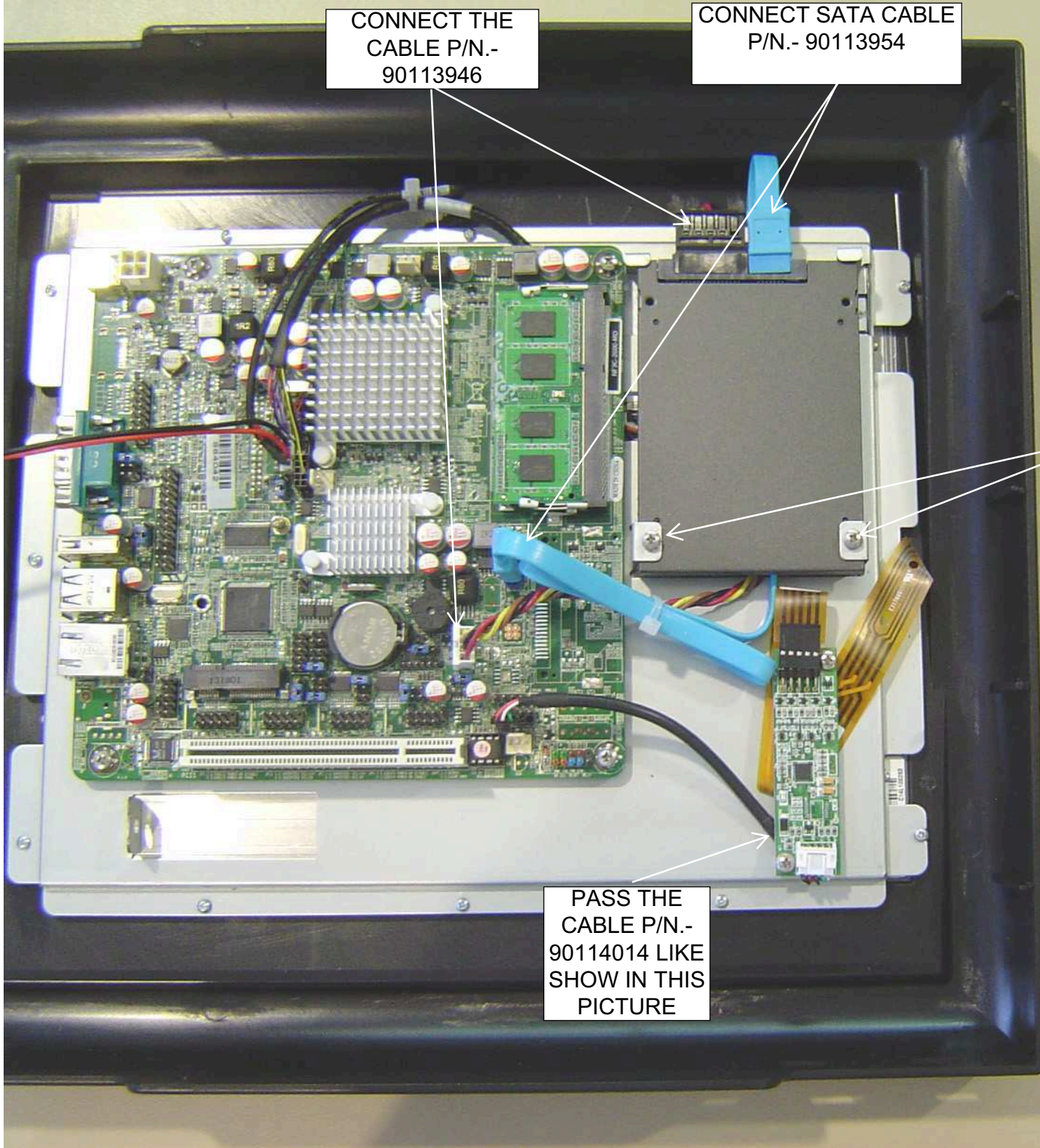


CONNECT THE
CABLE P/N.-
90113946

CONNECT SATA CABLE
P/N.- 90113954

HOLD THE HARD DISK
P/N.- 91008064(60 / 64
GB) WITH 2 WHASERS
P/N.- 73050004 AND 2
SCREWS P/N.-
72031015

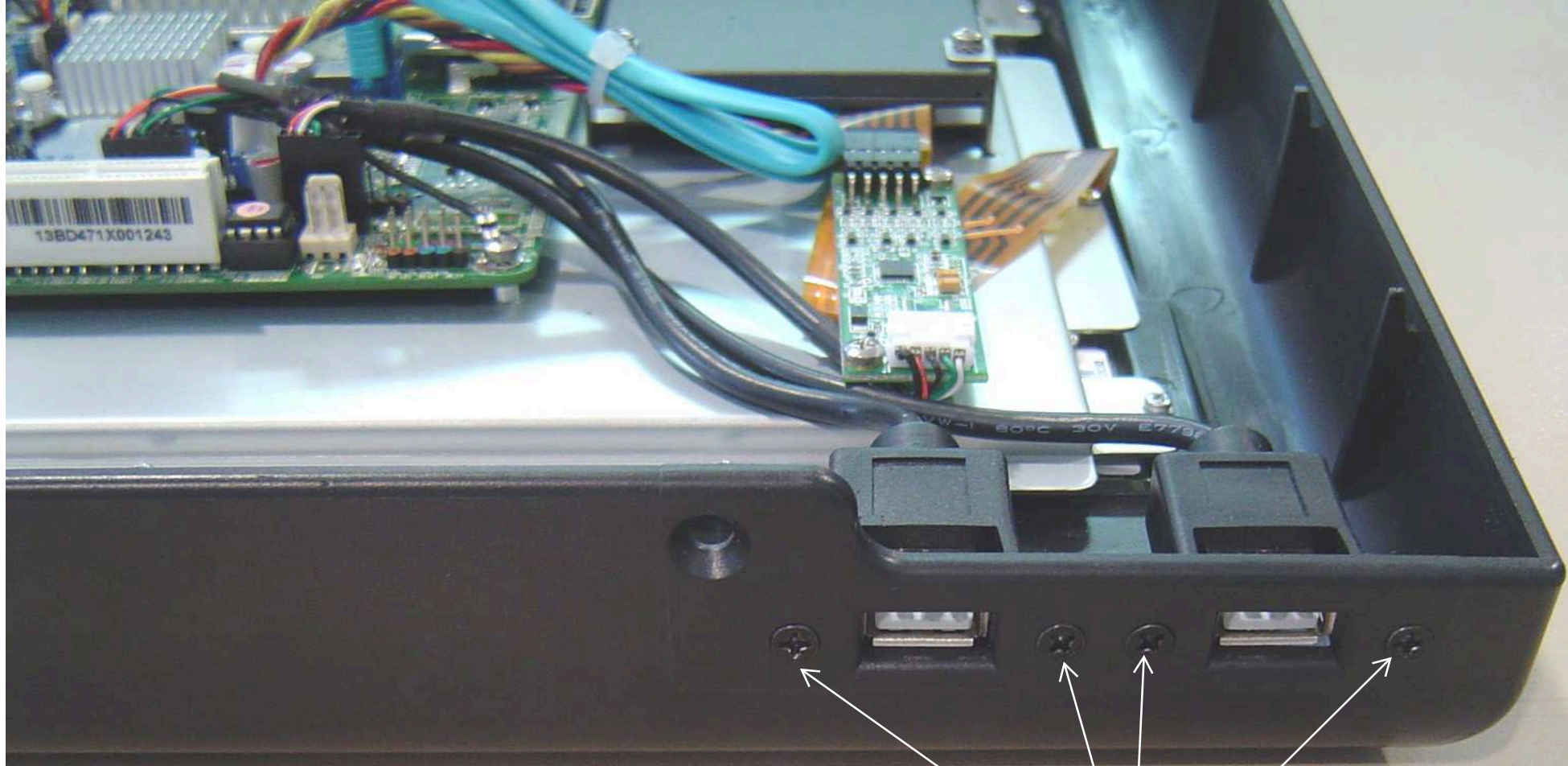
PASS THE
CABLE P/N.-
90114014 LIKE
SHOW IN THIS
PICTURE



CONNECT CABLE P/N.-
90114018 WITH THE
PART WITHOUT PIN
TOWARDS RIGHT

HOLD THE
GROUND
TERMINAL OF
CABLE WITH
THIS SCREW

ASSEMBLY
CABLE P/N.-
90114018 (SEE
NEXT PICTURE)



HOLD THE CABLE P/N.-
90114018 WITH 4
SCREWS P/N.-
72054017

OVERVIEW



8.- CONNECTING CABLES BETWEEN HOUSING AND FRONT COVER.
AFTER ASSEMBLY THEM (COMPONENTS)

P/N.-
90113961



P/N.-
90113998



P/N.-
90113931



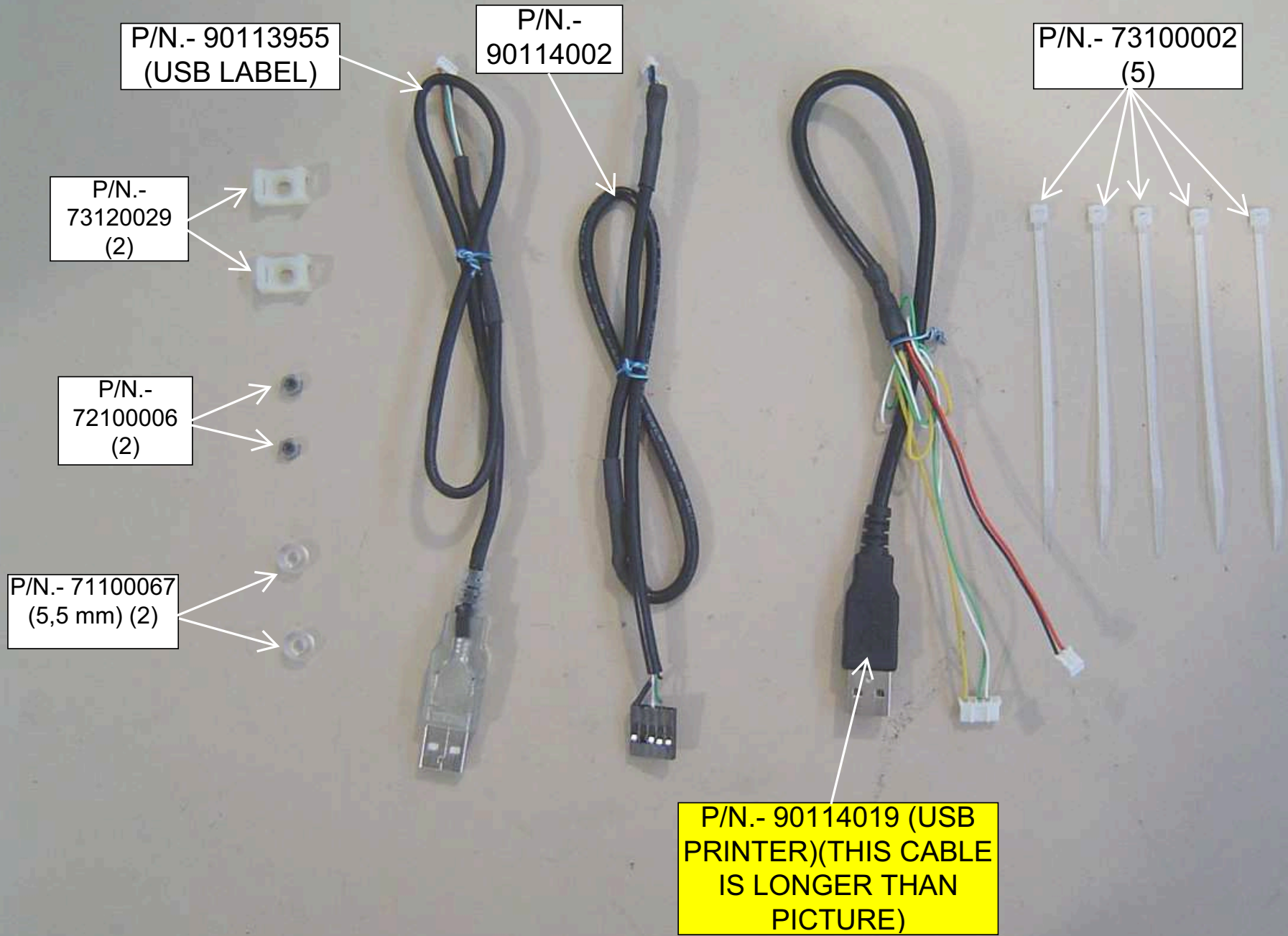
P/N.-
90113984



P/N.-
90114016
(VGA)



8.- CONNECTING CABLES BETWEEN HOUSING AND FRONT COVER. AFTER ASSEMBLY THEM (COMPONENTS)



HOLD THE
CABLES WITH A
FLANGE

CONNECT
CABLE 90113961

CONNECT FAN
CABLE

PASS THE PUSH CABLE P/N.-
90113963 DOWN HARD DISK
AN CONNECT IN RED PINS

CONNECT CABLE
P/N.- 90114016

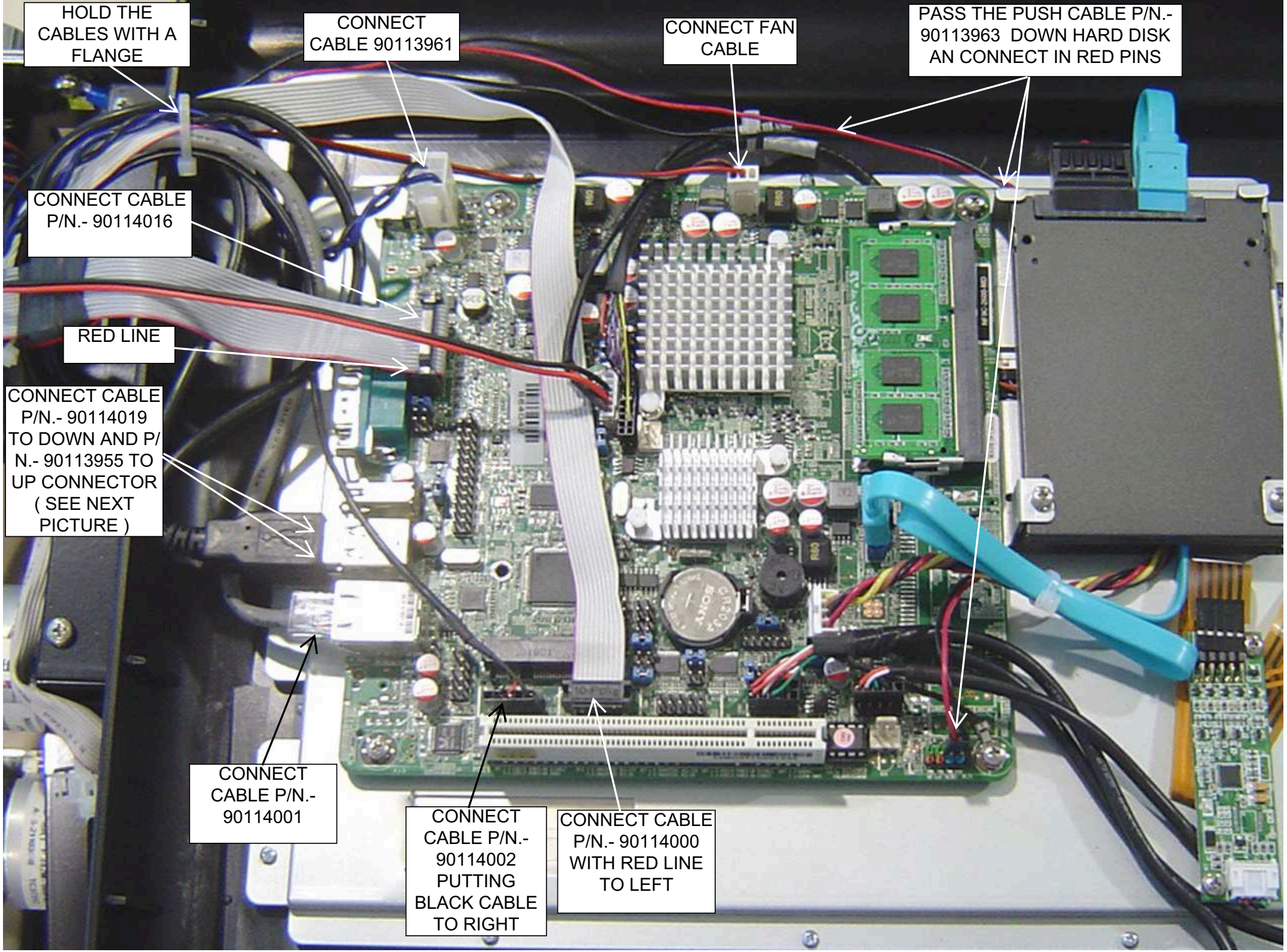
RED LINE

CONNECT CABLE
P/N.- 90114019
TO DOWN AND P/
N.- 90113955 TO
UP CONNECTOR
(SEE NEXT
PICTURE)

CONNECT
CABLE P/N.-
90114001

CONNECT
CABLE P/N.-
90114002
PUTTING
BLACK CABLE
TO RIGHT

CONNECT CABLE
P/N.- 90114000
WITH RED LINE
TO LEFT

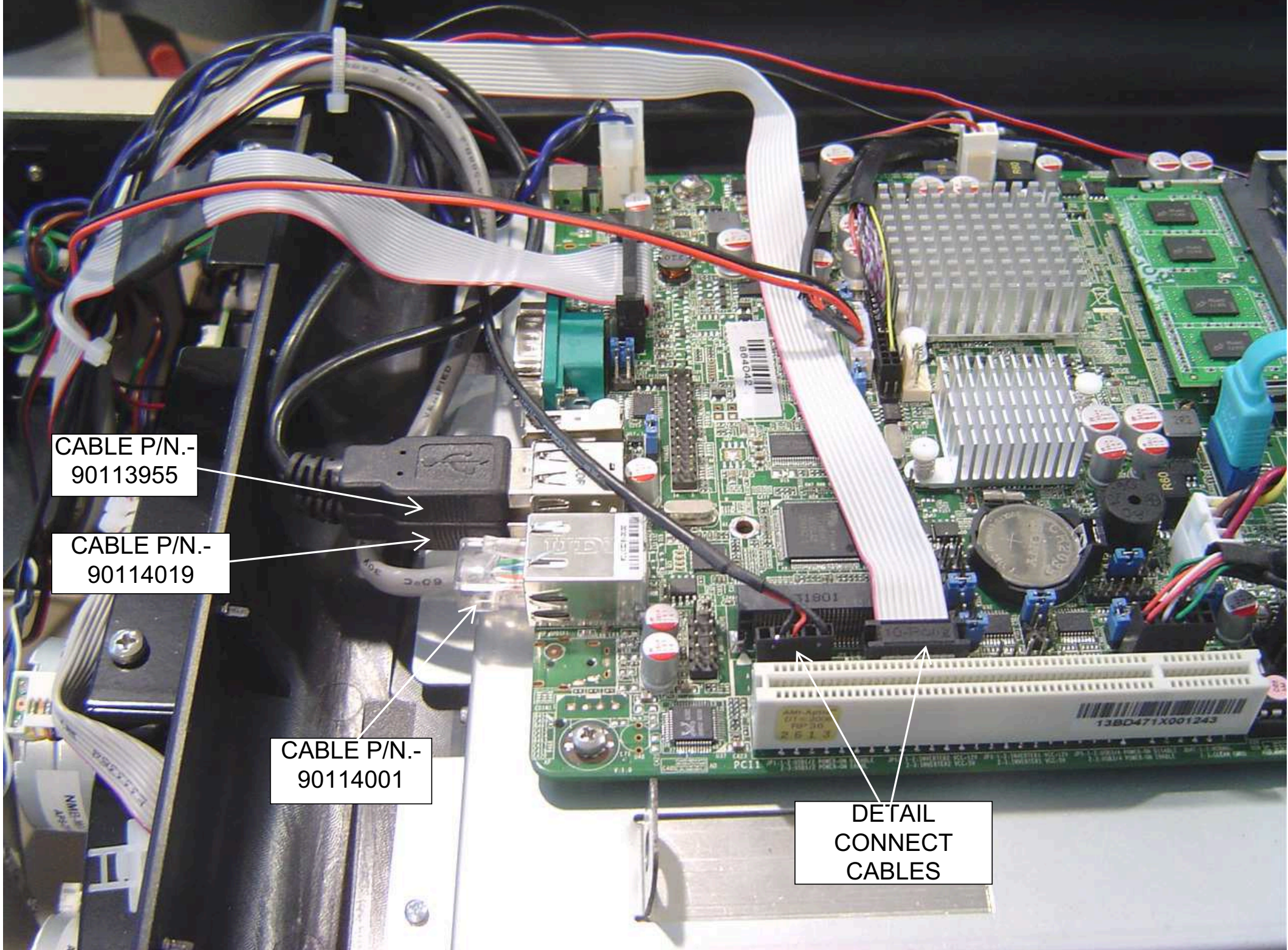


CABLE P/N.-
90113955

CABLE P/N.-
90114019

CABLE P/N.-
90114001

DETAIL
CONNECT
CABLES



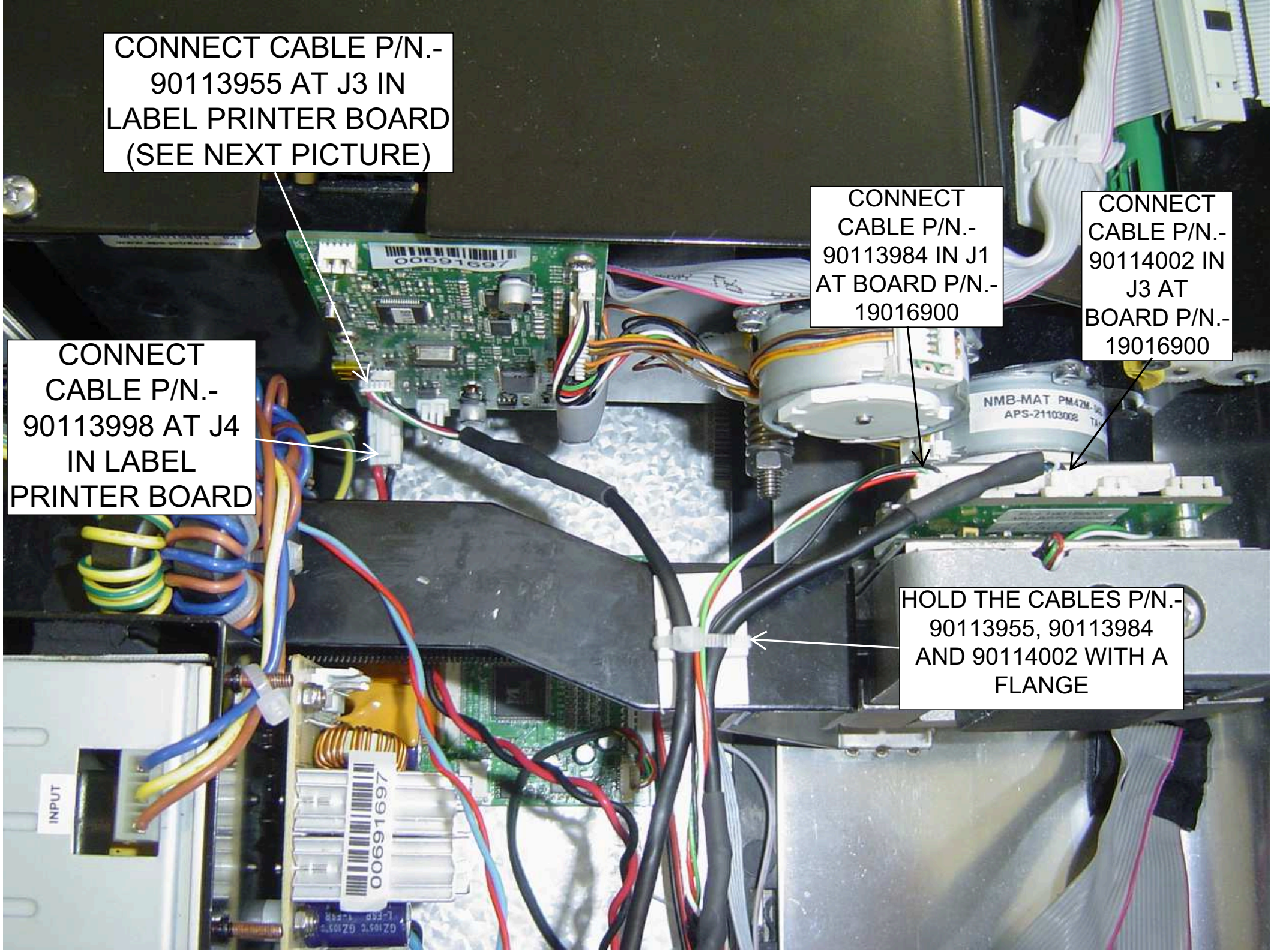
CONNECT CABLE P/N.-
90113955 AT J3 IN
LABEL PRINTER BOARD
(SEE NEXT PICTURE)

CONNECT
CABLE P/N.-
90113998 AT J4
IN LABEL
PRINTER BOARD

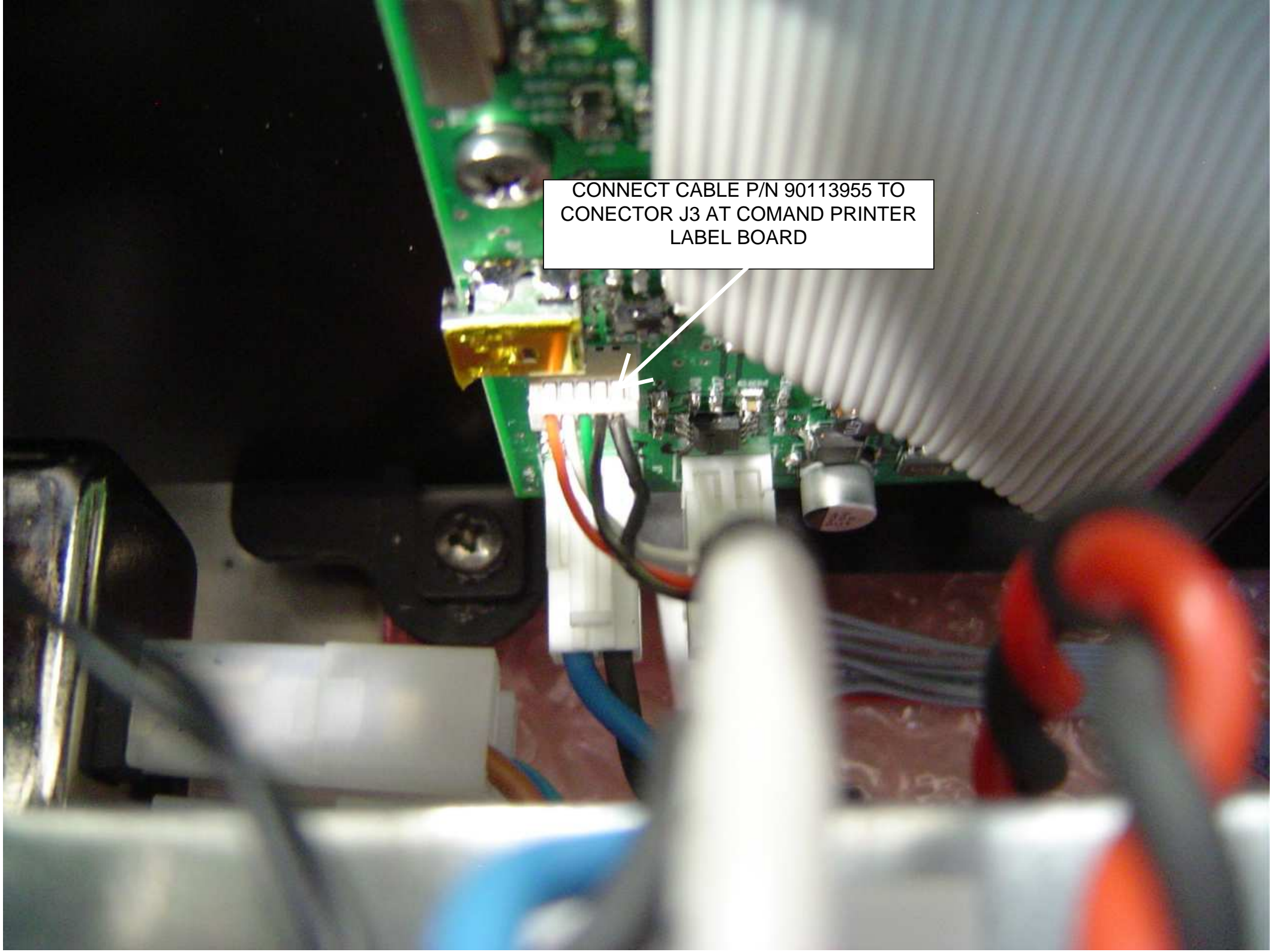
CONNECT
CABLE P/N.-
90113984 IN J1
AT BOARD P/N.-
19016900

CONNECT
CABLE P/N.-
90114002 IN
J3 AT
BOARD P/N.-
19016900

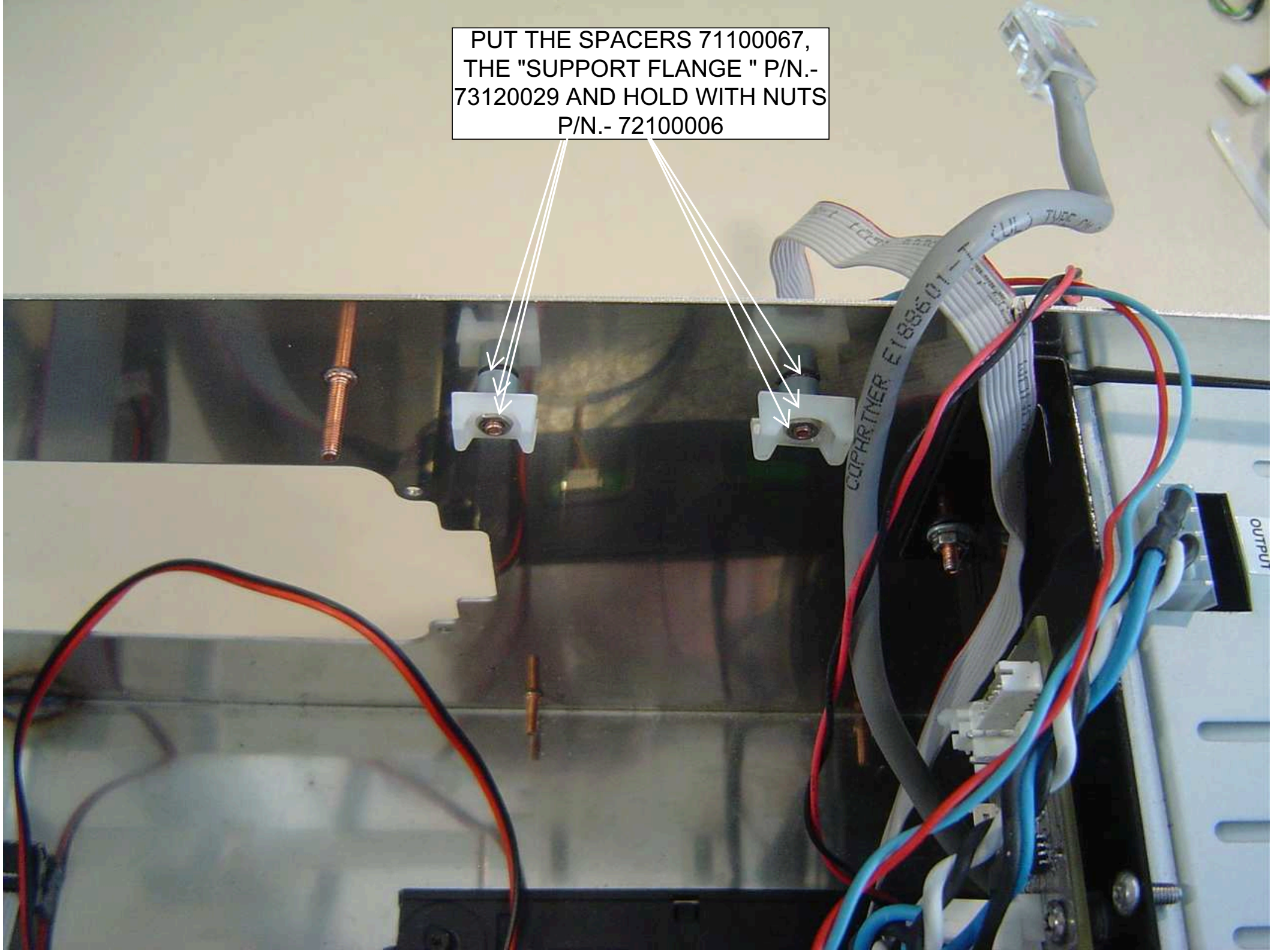
HOLD THE CABLES P/N.-
90113955, 90113984
AND 90114002 WITH A
FLANGE



CONNECT CABLE P/N 90113955 TO
CONECTOR J3 AT COMAND PRINTER
LABEL BOARD



PUT THE SPACERS 71100067,
THE "SUPPORT FLANGE " P/N.-
73120029 AND HOLD WITH NUTS
P/N.- 72100006



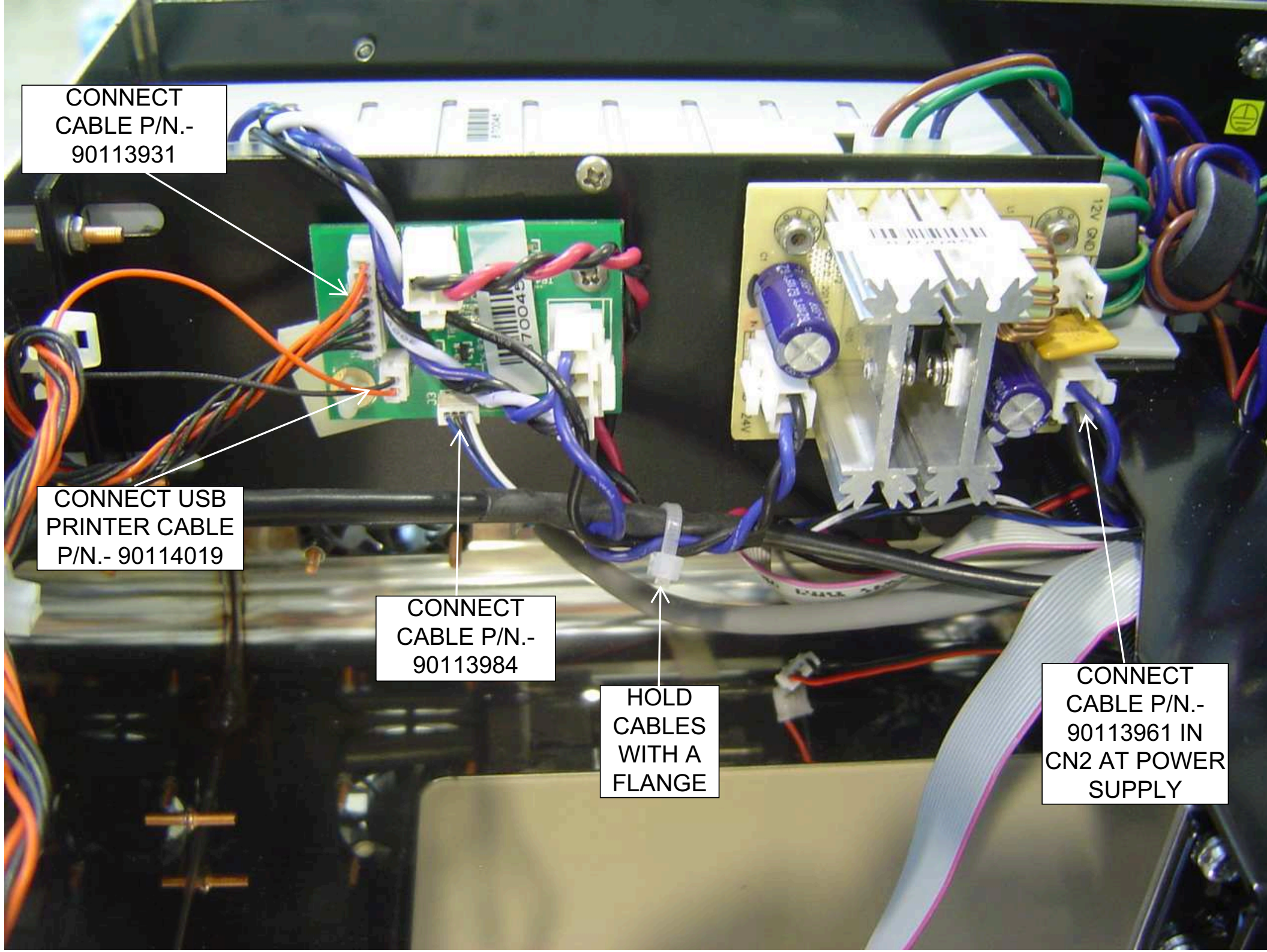
CONNECT
CABLE P/N.-
90113931

CONNECT USB
PRINTER CABLE
P/N.- 90114019

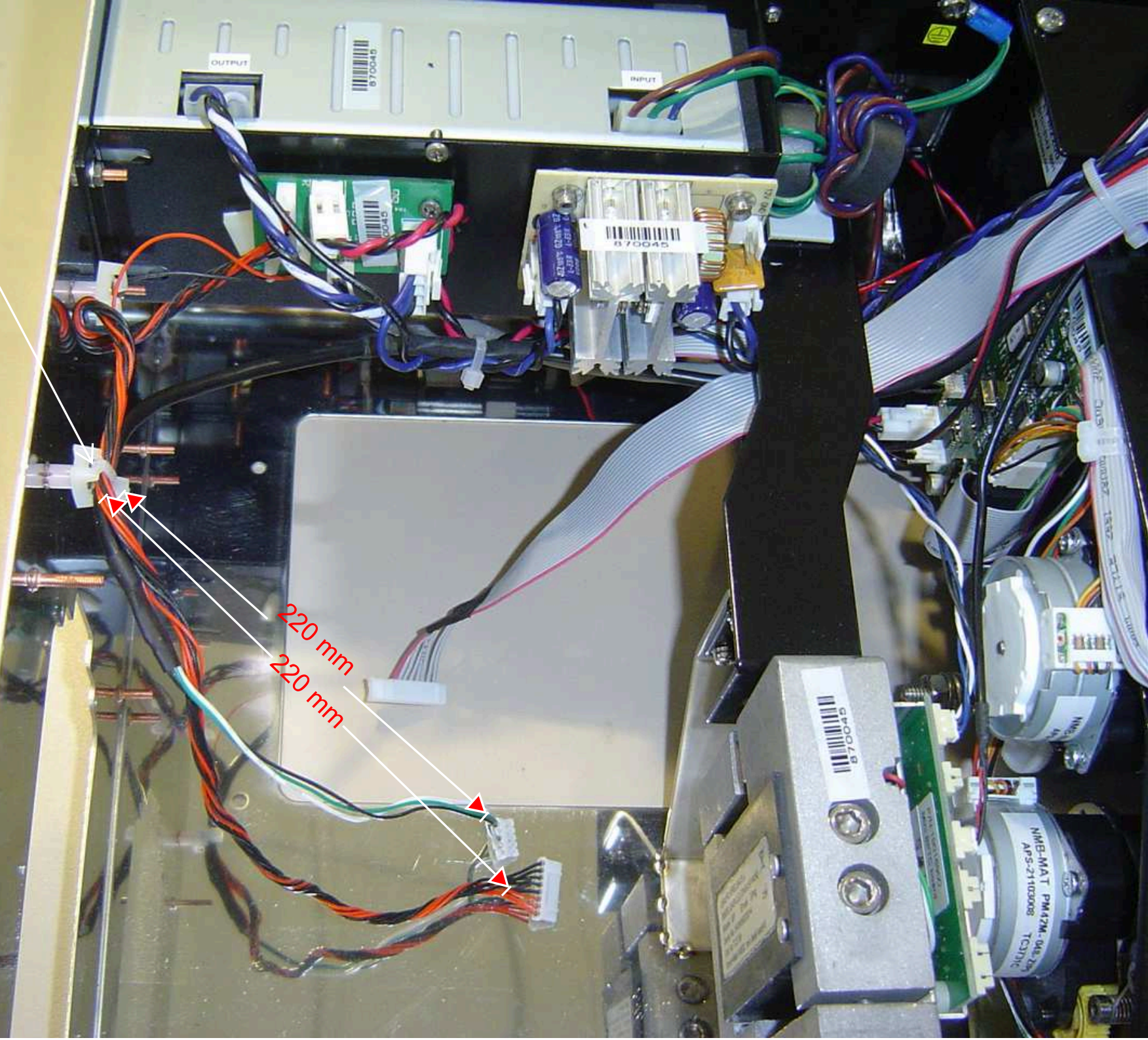
CONNECT
CABLE P/N.-
90113984

HOLD
CABLES
WITH A
FLANGE

CONNECT
CABLE P/N.-
90113961 IN
CN2 AT POWER
SUPPLY



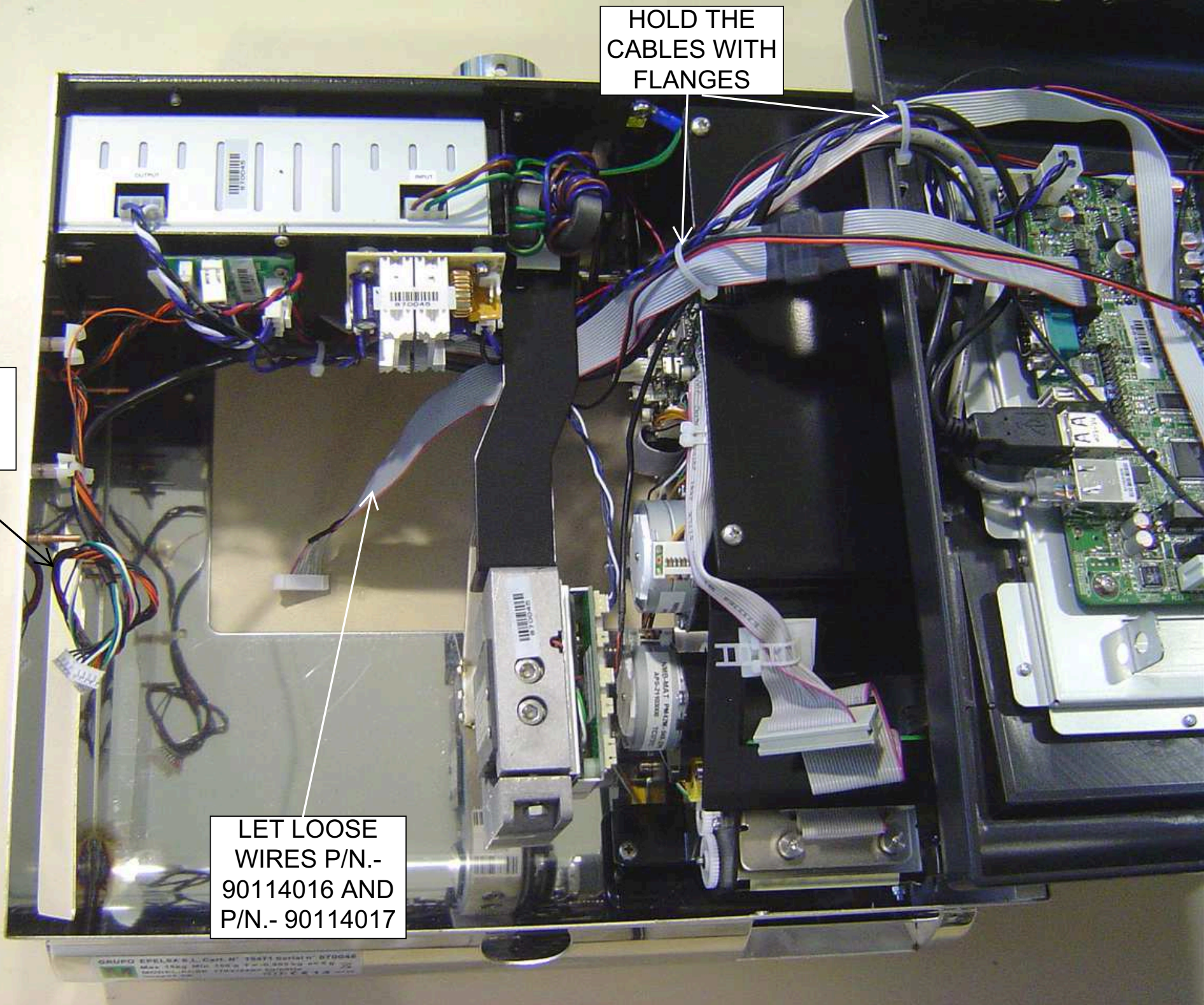
HOLDING
CABLES P/N.-
90113931 AND
P/N.- 90114019
WITH A
FLANGE. LEAVE
FROM THE
FLANGE 220
mm OF CABLES
P/N.- 90113931
AND P/N.-
90114019



HOLD THE
CABLES WITH
FLANGES

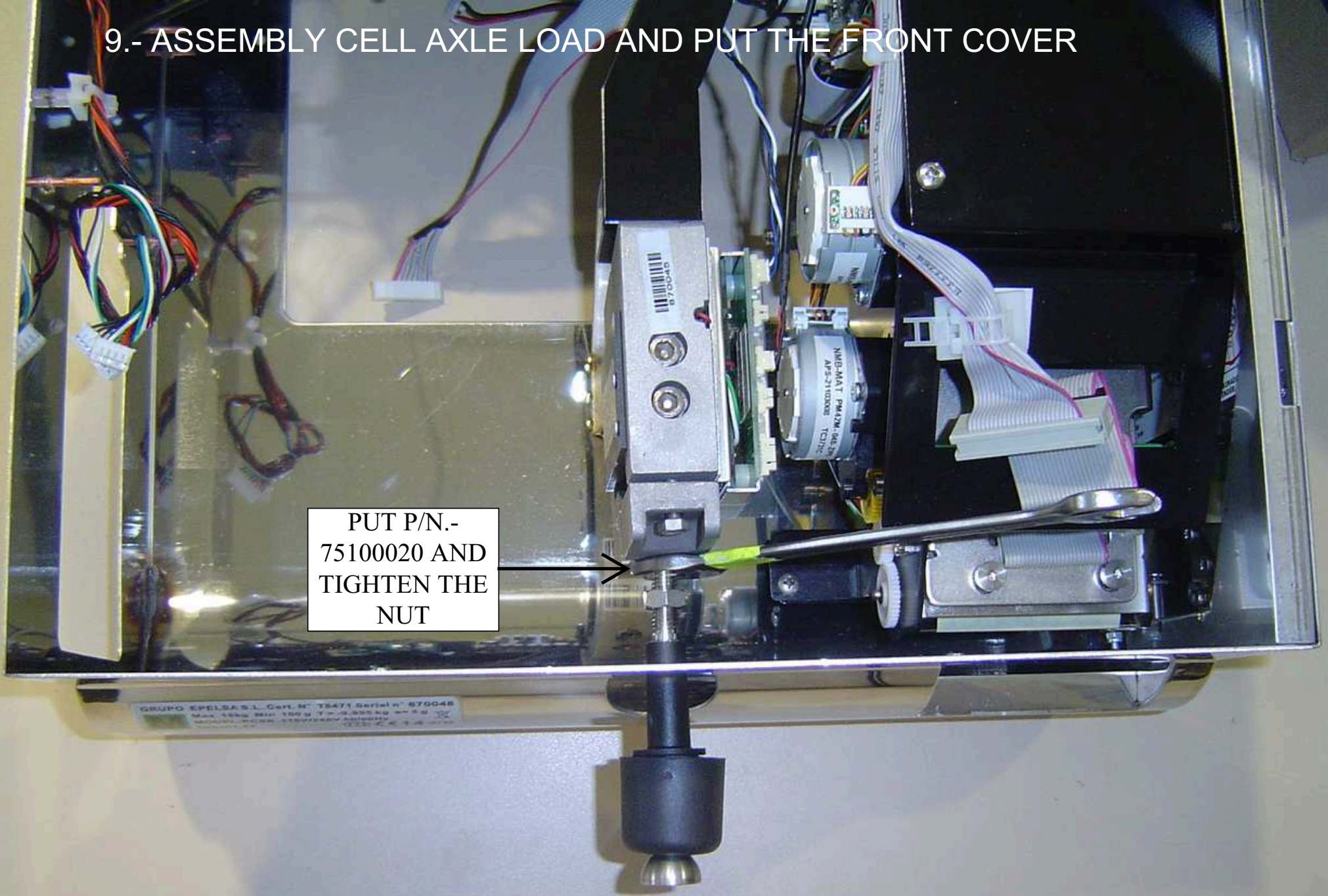
PICK UP
THE
CABLES

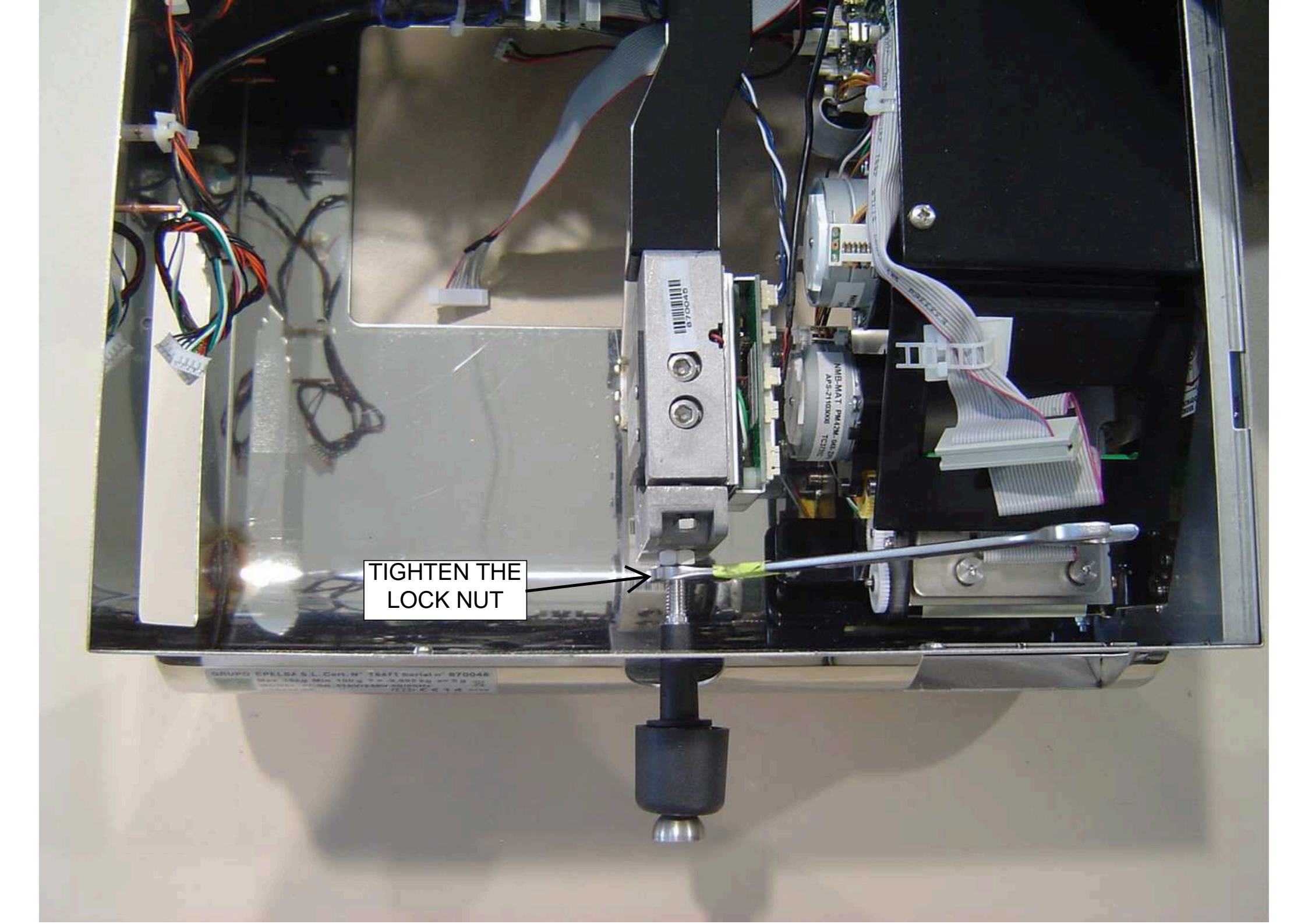
LET LOOSE
WIRES P/N.-
90114016 AND
P/N.- 90114017



9.- ASSEMBLY CELL AXLE LOAD AND PUT THE FRONT COVER

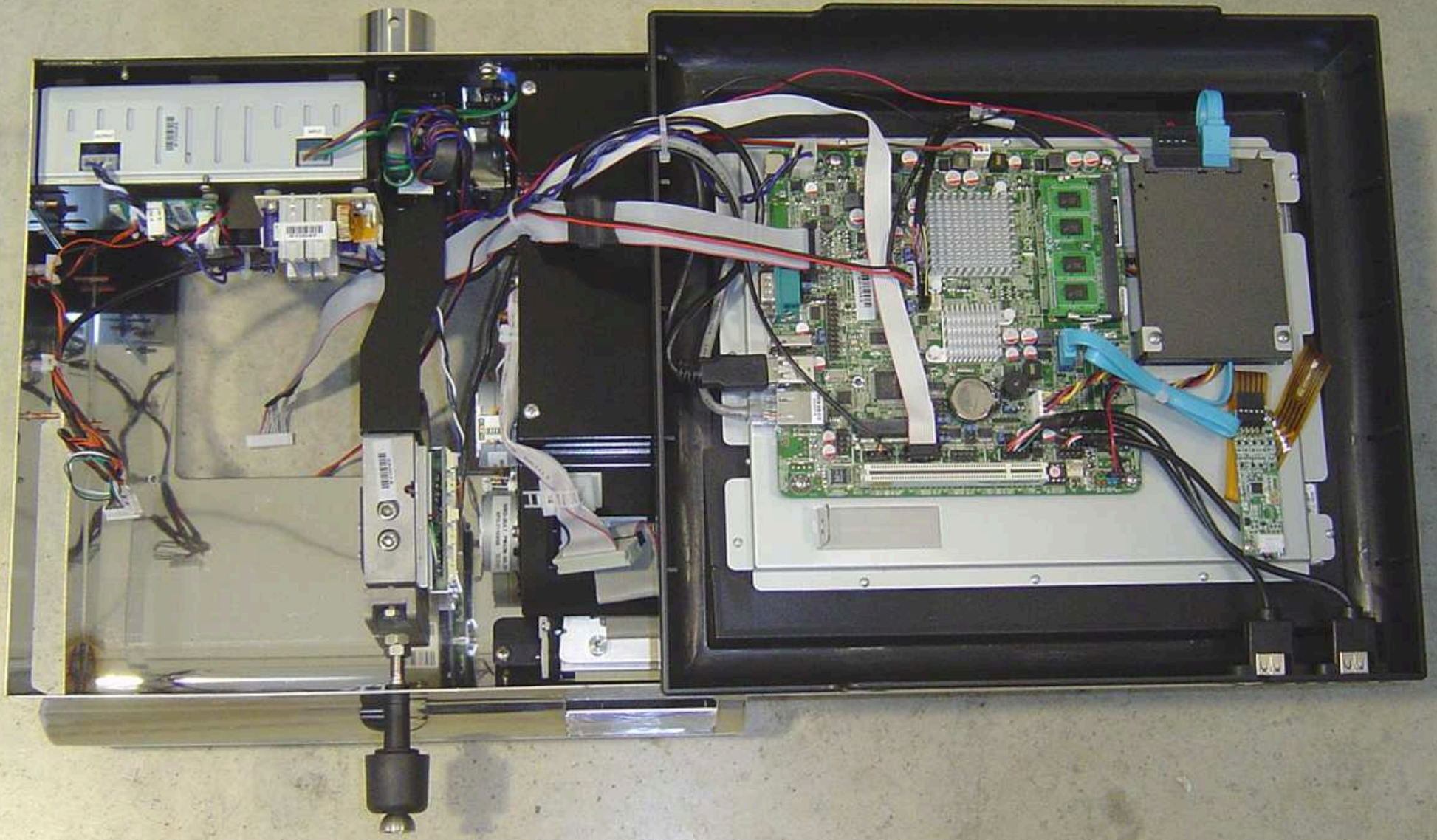
PUT P/N.-
75100020 AND
TIGHTEN THE
NUT




The image shows the internal components of a device chassis. A silver screwdriver is positioned to tighten a lock nut on a vertical screw. The lock nut is a small, cylindrical component with a textured surface. The screw is part of a larger assembly that includes a metal bracket and a motor. The motor is labeled "NIDE-MAT PM12M 08.20" and "AP2-21100008 TC210". There are various cables and connectors visible, including a white ribbon cable and a multi-colored cable. A barcode label with the number "870046" is attached to the metal assembly. The chassis is dark-colored, and the background is a light-colored surface.

TIGHTEN THE
LOCK NUT

OVERVIEW



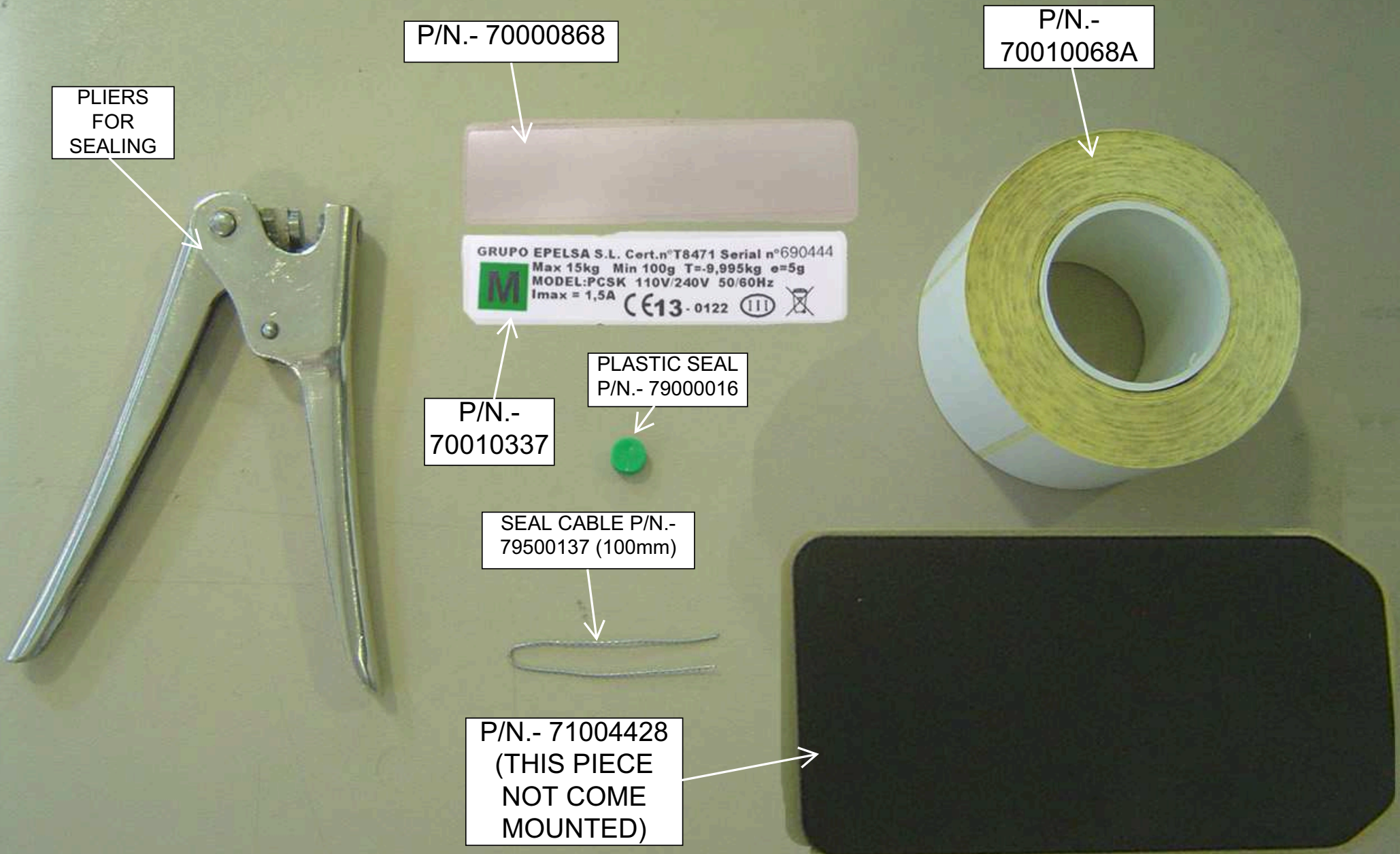


PUT THE COVER
AND HOLD WITH 2
SCREWS P/N.-
72054038

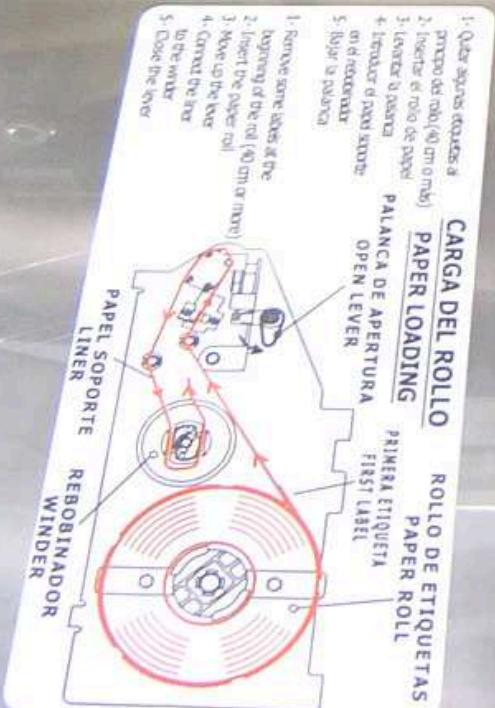
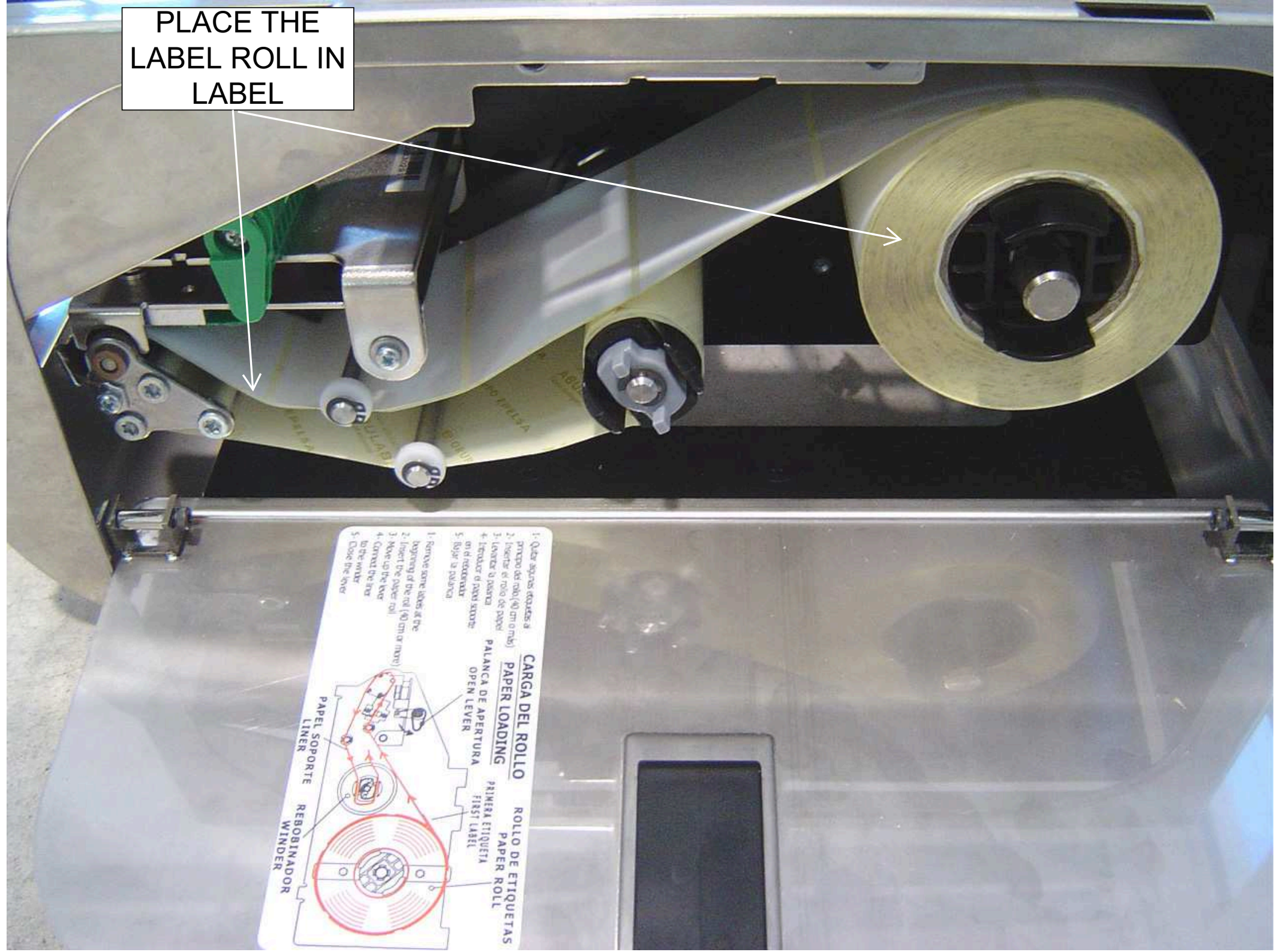


PUT THE COVER
AND HOLD WITH 2
SCREWS P/N.-
72054038

10.- FINISH (COMPONENTS)



PLACE THE LABEL ROLL IN LABEL





PASTE THE NAME
PLATE P/N.-
70010337 AND
PASTE UP THE
PROTECTOR P/N.-
70000868

FINISH. FRONT VIEW



FINISH. BACK VIEW

CABLE P/N.-
90114017

CABLE P/N.-
90114016

