

Repair data package

Industrial enhanced-safety radio remote controls

UR Series
V1 - 02/2008 - English



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INSTALLATION AND USER MANUAL

**Acknowledgement
of receipt
of documentation**



**UR Series
repair data package v.1
Industrial enhanced-safety
radio remote control**

- level 2 -

Family name : _____ First name : _____ Company : _____

This will acknowledge receipt of the following document(s) :

- **UR Series repair data package V1 02/2008**

Date : _____

Signature: _____



Please fill in and return (or fax) to :

JAY Electronique, Eric DECHAME - service documentation

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Tel: +33.(0)4.76.41.44.00

e.mail : doc@jay-electronique.fr

Fax: +33.(0)4.76.41.44.44

EVOLUTION OF CHARGER UR

Key-type charger

Note : Incompatible with transmitter URE-B

URC1 (24VDC-> 9VDC charger)

URCU (230VAC- 9VDC charger with European plug)

URCW (230VAC- 9VDC charger with UK plug)

Marketing discontinued : 2006

Product no longer available for maintenance.



Industrial charger (1st version)

URC1i (24VDC-> 9VDC charger)

URCUi (230VAC - 9VDC charger Euro. plug)

URCWi (230VAC - 9VDC charger UK plug)

First marketed : April 04.

Marketing discontinued : February 07

Availability for maintenance : contact us.

Only transmitters (URE) with manufacturing data file ref. greater than or equal to A004 can be used with this charger. Otherwise, the transmitter software must be updated (return to factory).

The URE-B units cannot be used with this charger.



Industrial charger version B

URCi-B (Charger)

UCCU (230V-5VDC adapter with Euro plug)

UCCW (230V-5VDC adapter with UK plug)


UCC1 (24V-6VDC vehicle adapter)

UCC4 (24VDC-5VDC din rail adapter)

First marketed : February 07

Only transmitters (URE-B) can be used with this charger. The battery charger voltage is 5VDC (6VDC max.) instead of 9VDC.



Indice	N° Modif	Modifications	Nom	date	Vérifié par
0	T607	Création du document	A.PORTAZ	29/03/2007	B.CHACORNAC
 ZAC la Batie Sainnt Ismier Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.41		URC	Format : A4		
			Loc doc :		
			Réf :SN 51 0010-00 EN		

CHECK OF INDUSTRIAL CHARGER (1st version)

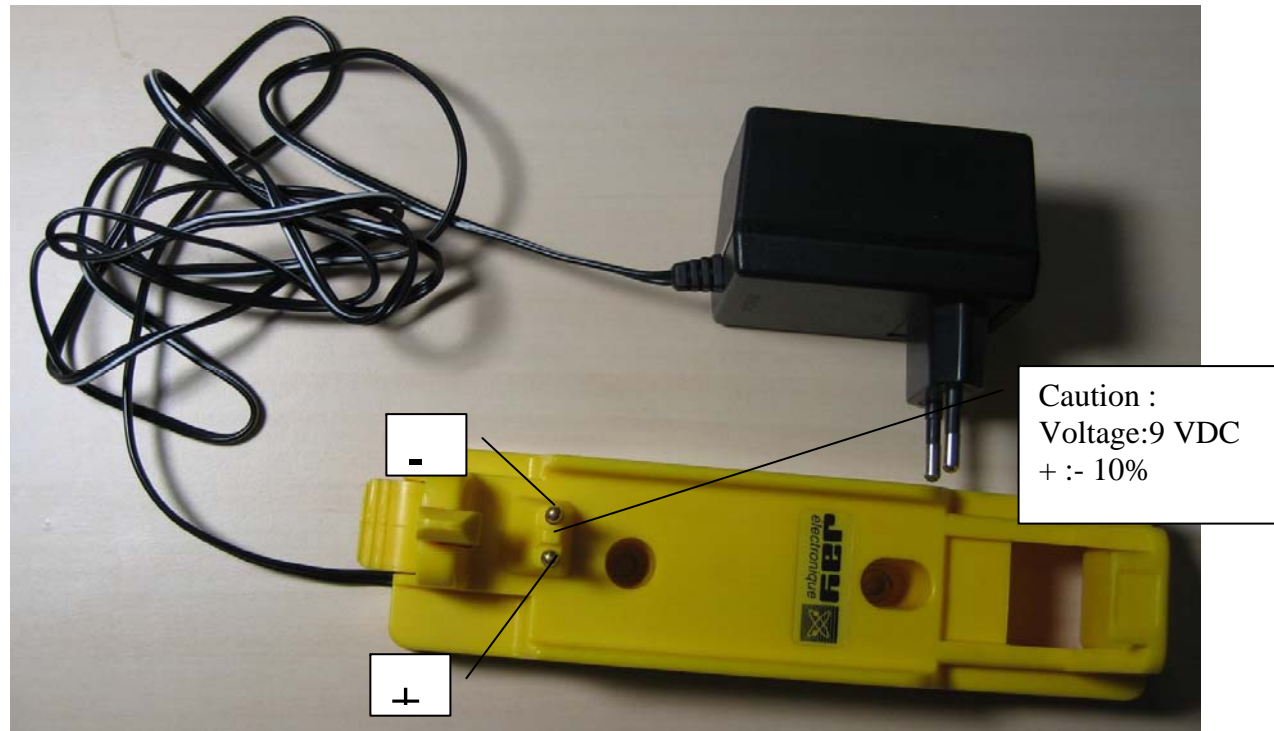
Charger reference (1st version /April 04 to February 07)


URCUI 230VAC- 9VDC (European plug)

URCWI : 230VAC- 9VDC (UK plug)

URCI1 : 12-24VDC- 9VDC (cigarette lighter).

Note : The charger and power supply unit (9VDC output) cannot be dissociated.



Indice	N° Modif	Modifications	Nom	date	Vérfié par
0	T607	Création du document	A.PORTAZ	29/02/2007	B.CHACORNAC
		Check of charger	Format : A4		
38334 Saint Ismier Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.44		URC	Loc doc :		
			Réf :SJ 50 0010-00		

CHECK OF INDUSTRIAL CHARGER - VERSION B

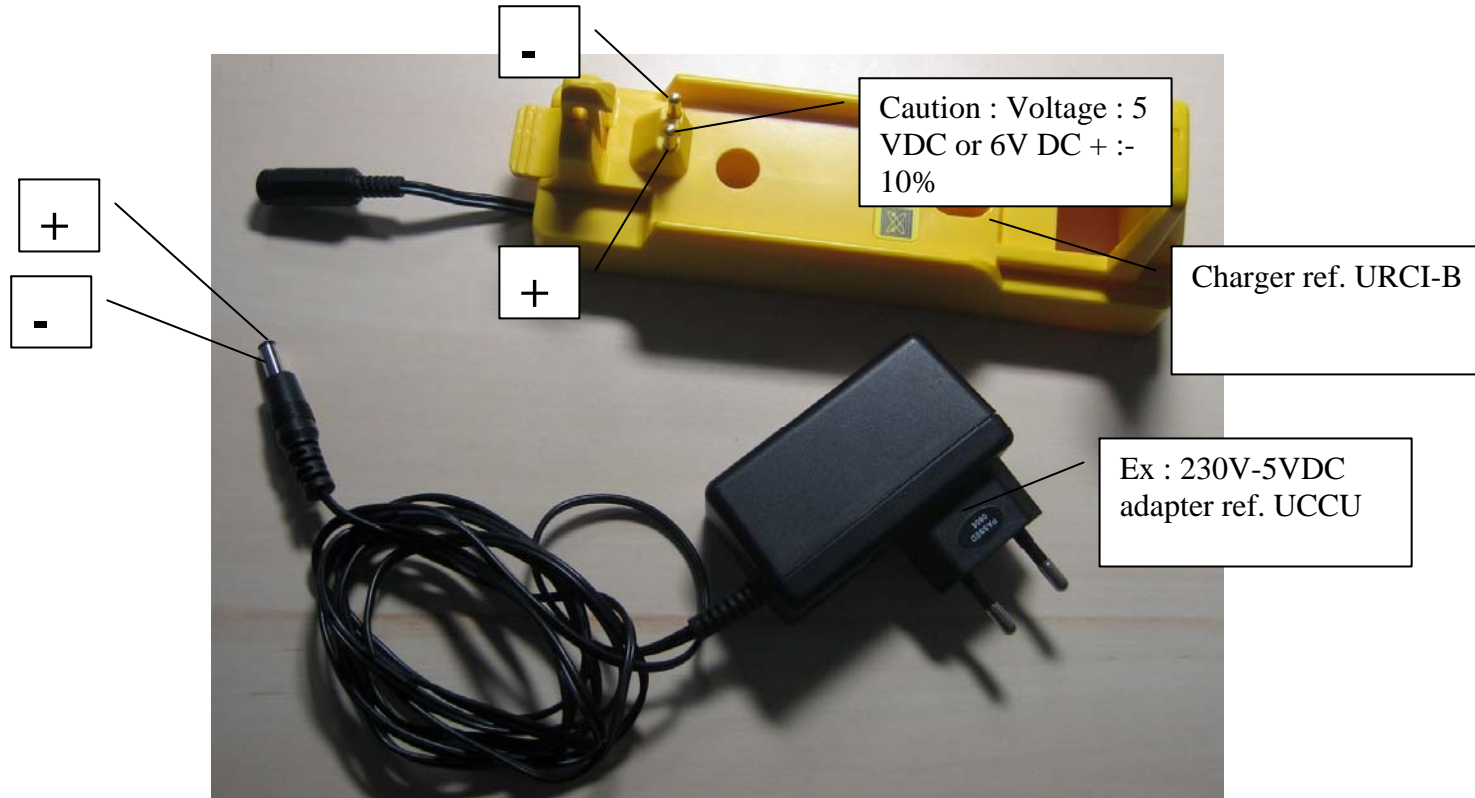
Reference of charger version B (as of February 07)


Charger URCI-B + power supply unit UCCU 230VAC-5VDC (European plug)

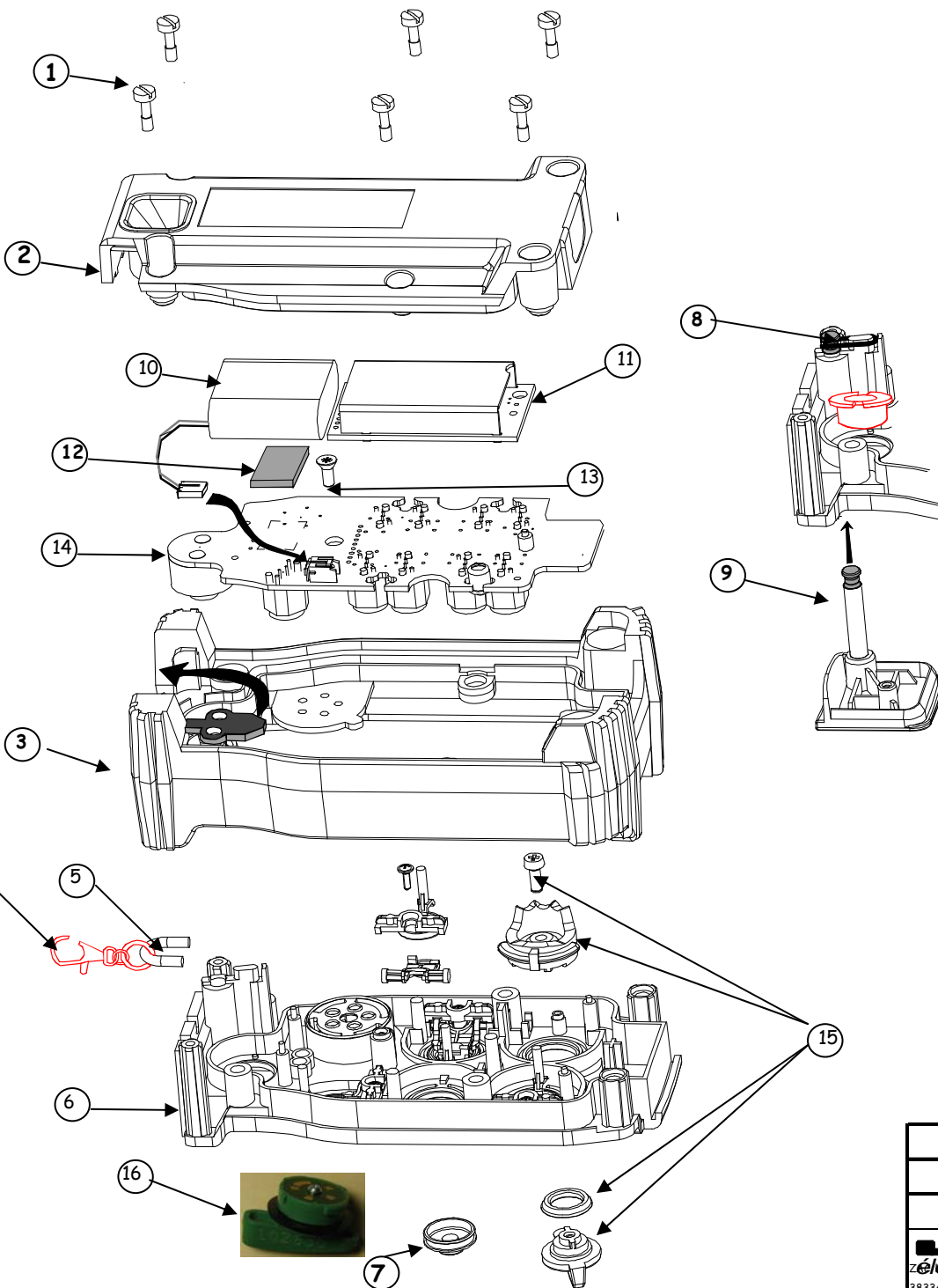
Charger URCI-B + power supply unit UCCW 230VAC-5VDC (UK plug)

Charger URCI-B + power supply unit UCC1 24VDC-6VDC (cigarette lighter input)

Charger URCI-B + power supply unit UCC4 24VDC-5VDC (screw terminal input)



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0	T607	Création du document	A.PORTAZ	29/02/2007	B.CHACORNAC
 38334 Saint Ismier Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.44		Check of charger	Format : A4		
		URC	Loc doc :		
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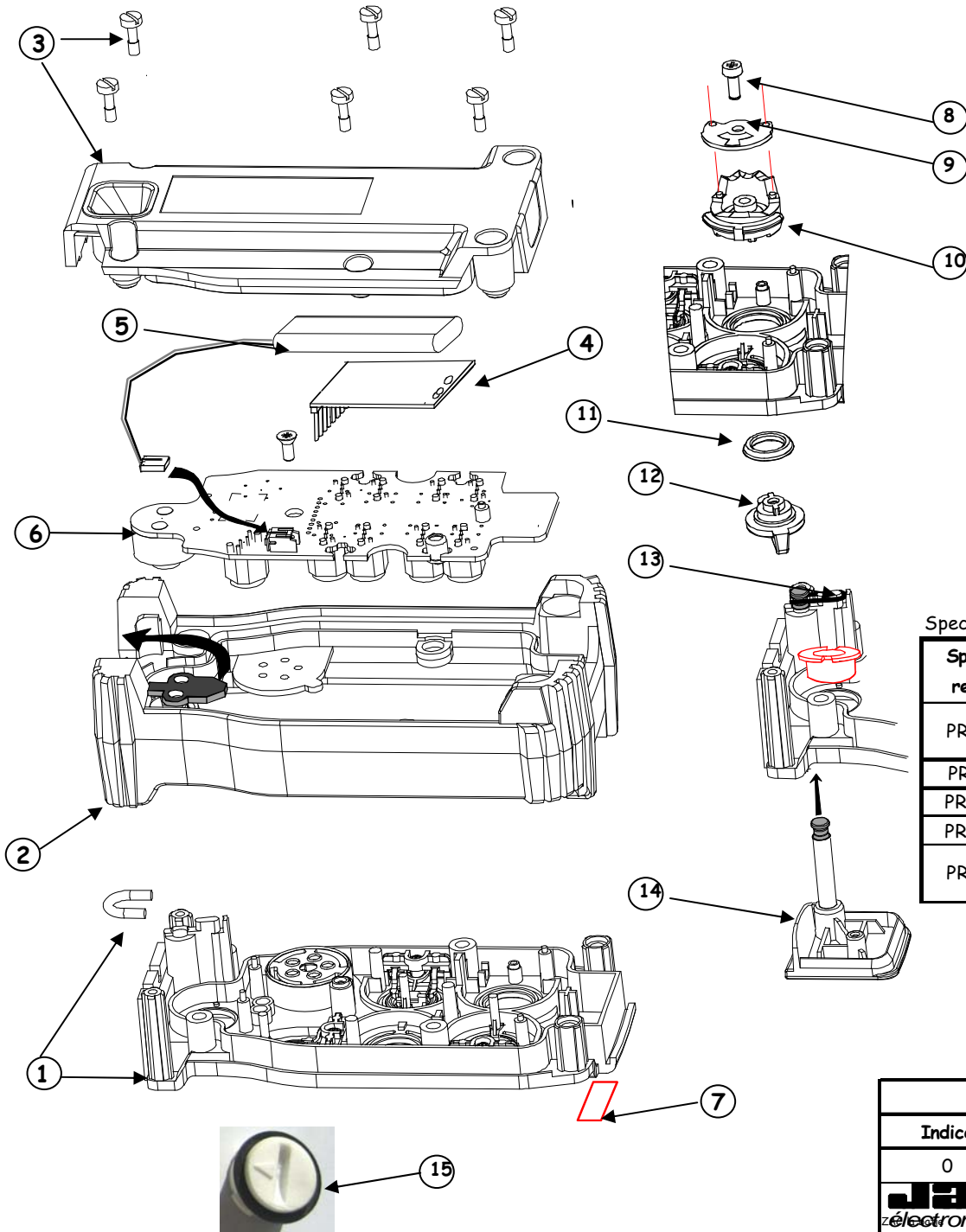
Item	PR	Designation
1 à 9	PRO2280** (1) PRO2281** (1)	Housing equipped with 4 Pushbutton Housing equipped with 4 Pushbutton with IR
3	PRO219	Transmitter housing seal
11	PRO220E (2)	HF module
10	PRO205 (2)	ni-mh battery
14	PRO221 *** (2)	Motherboard (specify version)
7	PRO057 BP	Mechanical kit, 10 PB + on
15	Not referenced (3)	Rotary switch
16	URWE21V (1) UWE207	URE key, not programmed Button labels kit

- (1) No longer available
- (2) Available up to termination of stock
- (3) Not available. See document SN 520010

Specify motherboard reference

Spare part reference	Designation	Remark
PRO22101C	URE Mother board CONFIG.1C	Motherboards with rotary switches : no longer available
PRO221011	URE Mother board CONFIG.11	
PRO22102C	URE Mother board CONFIG.2C	
PRO221022	URE Mother board CONFIG.22	
PRO221122	URE Mother board CONFIG.22 IR	


Indice	N° Modif	Modifications	Nom	Date	Vérifié par
0	T607	Création du document	A.PORTAZ	29.03.07	B.CHACORNAC
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			Loc doc :		
URE 1st Version			Réf : SE 520010-00		



Item	PR	Designation
1+2+3 + 7+11 to 14	PRO252 PRO253	Housing equipped with 4 PB Housing equipped with 4 PB with IR
2	PRO219	URE transmitter housing seal
4	PRO254E	HF Module
5	PRO248	Battery
6	PRO2502 **	Mother board (specify version)
	PRO057BP	Mechanical kit, 10 PB + on
8 to 12	PRO249 COM	Mechanical kit 2 rotary switches
15	URWE21-B	URE key, programmed (specify key Nb.)
	URWE21V-B	URE key, not programmed
	UWE207	Button labels kit

Specify motherboard reference

Spare part reference	Designation	Remark
PRO2502**	URE-B MOTHERBOARD TO BE CONFIGURED	Specify but ton configuration, see sales manual E730
PRO250211	URE-B MOTHERBOARD CONFIG.11	
PRO250222	URE-B MOTHERBOARD CONFIG.22	
PRO25022C	URE-B MOTHERBOARD CONFIG.2C	
PRO2503**	URE-B MOTHERBOARD TO BE CONFIGURED	Specify but ton configuration, see sales manual E730


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			Loc doc :		
URE-B			Réf : SJ 52 0020-00		

EVOLUTION OF TRANSMITTER

Subsequent to product technical evolutions, certain spare parts have changed. Indicated below are the various spare parts to be used.

Presentation of transmitter URE-B




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 ZAC la batie 38334 St Ismier Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.44			Transmitter evolution	Format : A4	
			URE	Loc doc :	
			Réf :SN 52 0010-00		
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List of spare parts to be used according to URE version

Spare part sales designation	Parts to be used if URE transmitter 1st° version, data package A001 to A007	Parts to be used if URE-B transmitter as of data package A001	REMARKS
Housing equipped with 4 PB	PR0252 PR0253 (IR)	PR0252 PRO253 (IR)	If rotary switches are required, housing must be customized using rotary switch kit PR0249COM.
Housing seal	PR0219	PR0219	No change
HF Module	PR0220E	PR0254E	The old versions of the HF module are available up to termination of stock. The new HF module is compatible with all the versions
Battery	PR0205 (nimh)	PR0248 (lithium ion)	Battery PR0205 (Ni-Mh) PR0248 (lithium-ion). (1)
Motherboard (specify version)	PR0221*** (2)	PR0250*** (2)	The old battery PR0205 is available up to termination of stock (1).
Mechanical kit (10 BP + On)	PR0057BP	PR0057BP	No change
Rotary switch kit	Not referenced	PR0249COM	In case of a rotary switch fault (mechanical part) on a URE 1st version, product must be exchanged by a URE-B version. The rotary switches are not compatible.
URE key, not programmed	URWE21V-B	URWE21V-B	This new key is compatible with all the versions. The old key URWE21V is no longer available.

(1) Beyond this availability, it will be necessary to replace the transmitter and charger by a version « B »


(2) See exploded views of transmitters to determine references of motherboards.

Indice	N° Modif	Modifications	Nom	date	Vérfié par
0	T607	Création du document	A.PORTAZ	29/03/2007	B.CHACORNAC
 ZAC la batie 38334 St Ismier Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.44		Transmitter evolution	Format : A4		
		URE	Loc doc :	Réf :SN 52 0010-00	
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COMPATIBILITY OF DIFFERENT VERSIONS OF TRANSMITTER-CHARGER UR

Subsequent to product technical evolutions, a transmitter of one version and a charger of a different version are not compatible.

		VISUAL INFORMATION ON TRANSMITTER			
Transmitter used	Charger used	Red indicator light on URE 1st version	Orange indicator light on URE-B	Green indicator light on all UREs	REMARKS
URE (1st version) (with key)	URCUI or URCWI or URC1i	ON		Flashing	Fast charge
		ON		ON	Slow or upkeep charge
		2 flashes		2 flashes	Charge fault
URE (1st version) (with key)	URCI-B	Flashing fast		OFF	<u>No charge</u>
URE (without key)	URCUI or URCWI or URC1i	OFF		OFF	Slow charge without indication
URE (1st version) (without key)	URCI-B	OFF		OFF	<u>No charge</u>
URE-B (with key)	URCI-B		ON	Flashing	Fast charge
			ON	ON	Slow or upkeep charge
			2 flashes	2 flashes	Charge fault
URE-B (with key)	URCUI or URCWI or URC1i		OFF	OFF	<u>No charge</u>
URE-B (without key)	URCI-B		OFF	OFF	Fast charge then slow charge without indication
URE-B (without key)	URCUI or URCWI or URC1i		OFF	OFF	<u>No charge</u>

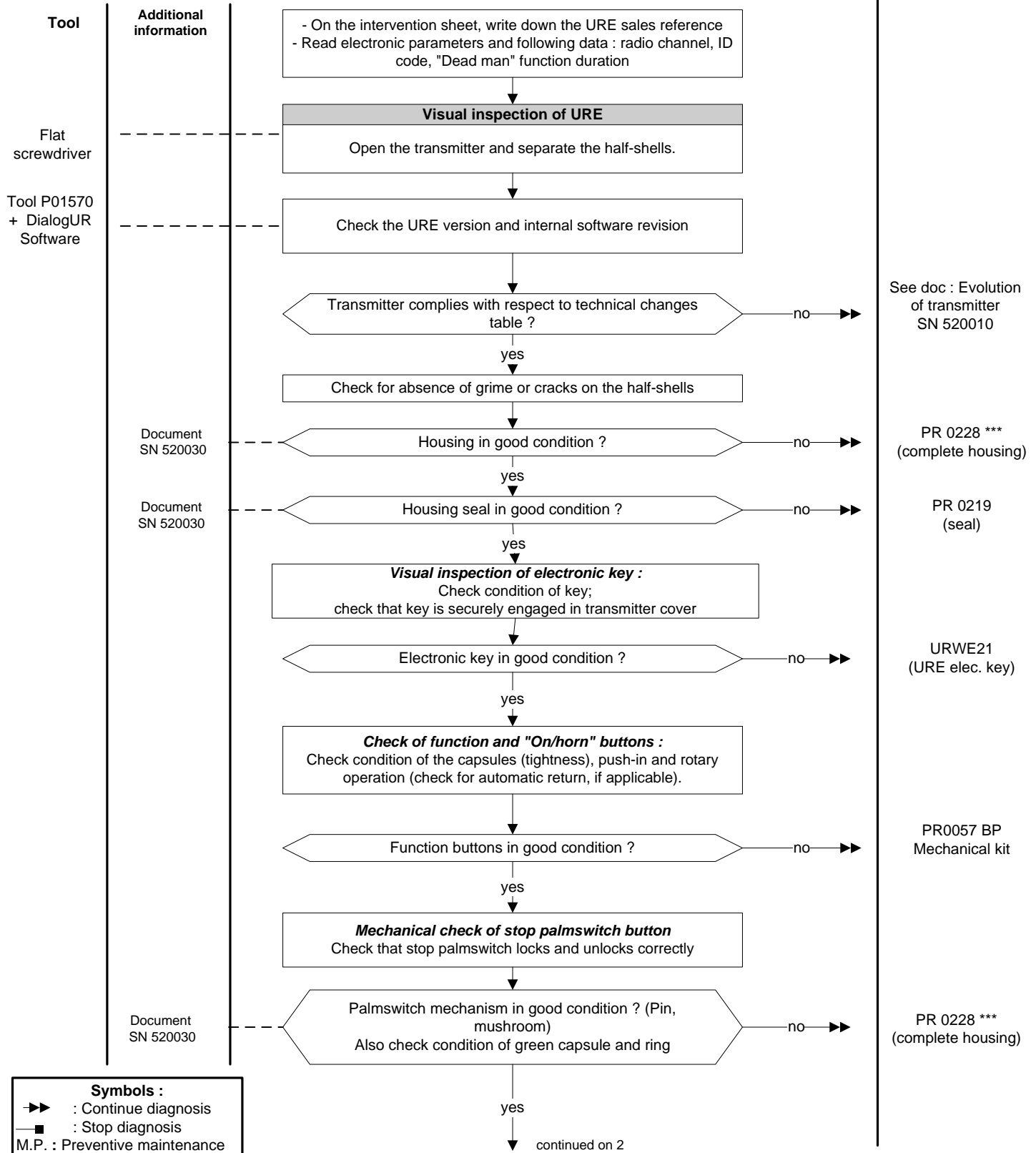
Indice	N° Modif	Modifications	Nom	date	Vérifié par
0	T607	Création du document	A.PORTAZ	29/03/2007	B.CHACORNAC
 38334 St Ismier Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.44		COMPATIBILITY TRANSMITTER-CHARGER		Format : A4	
				Loc doc :	
Réf :SN 50 0020-00					



Technical diagnosis URE 1st version

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced

Start

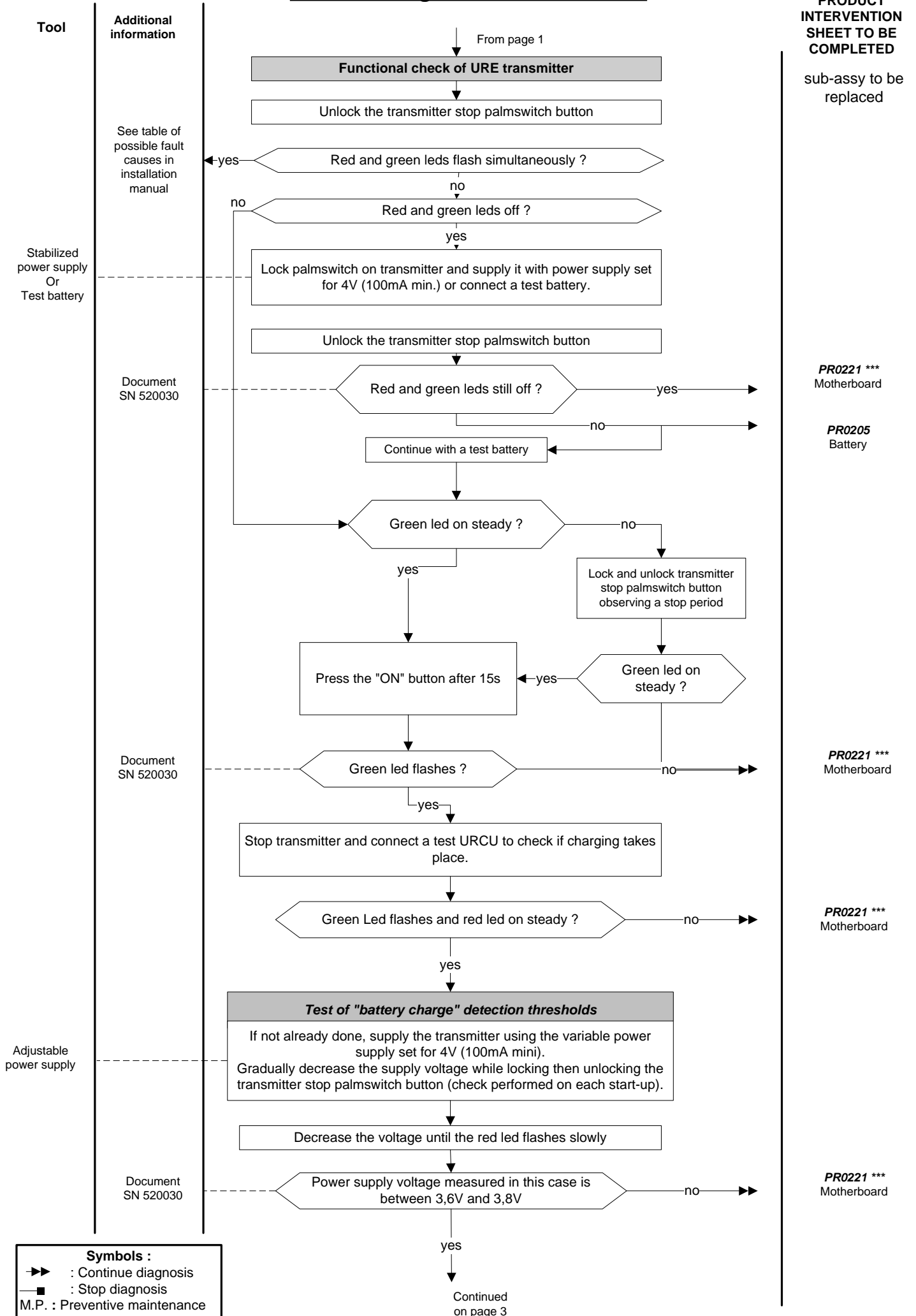


Indice	N° de modif:	Modification	Nom	Date	Approuvé par:	
00	T001	Modification	JM.Bormann	29/03/2007	B.Chacornac	
  <p>MONTBONNOT - St MARTIN - 38334 St ISMIER CEDEX Tél: 04.76.41.44.00 Fax: 04.76.41.44.44</p>		Technical diagnosis URE 1st v.	Format:	A4		
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Technical diagnosis URE 1st version

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced



Symbols :
 → : Continue diagnosis
 ■ : Stop diagnosis
 M.P. : Preventive maintenance

Technical diagnosis URE 1st version

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced

PR0221 ***
Motherboard

PR0221 ***
Motherboard

PR0220 E
Transmitter radio module

PR0221 ***
Motherboard

PR0220 E
Transmitter radio module

Tool

Additional information

Document SN 520030

Document SN 520030

Software "DialogUR" + programming tool bench P01533

Test radio module ref: PR0220 E

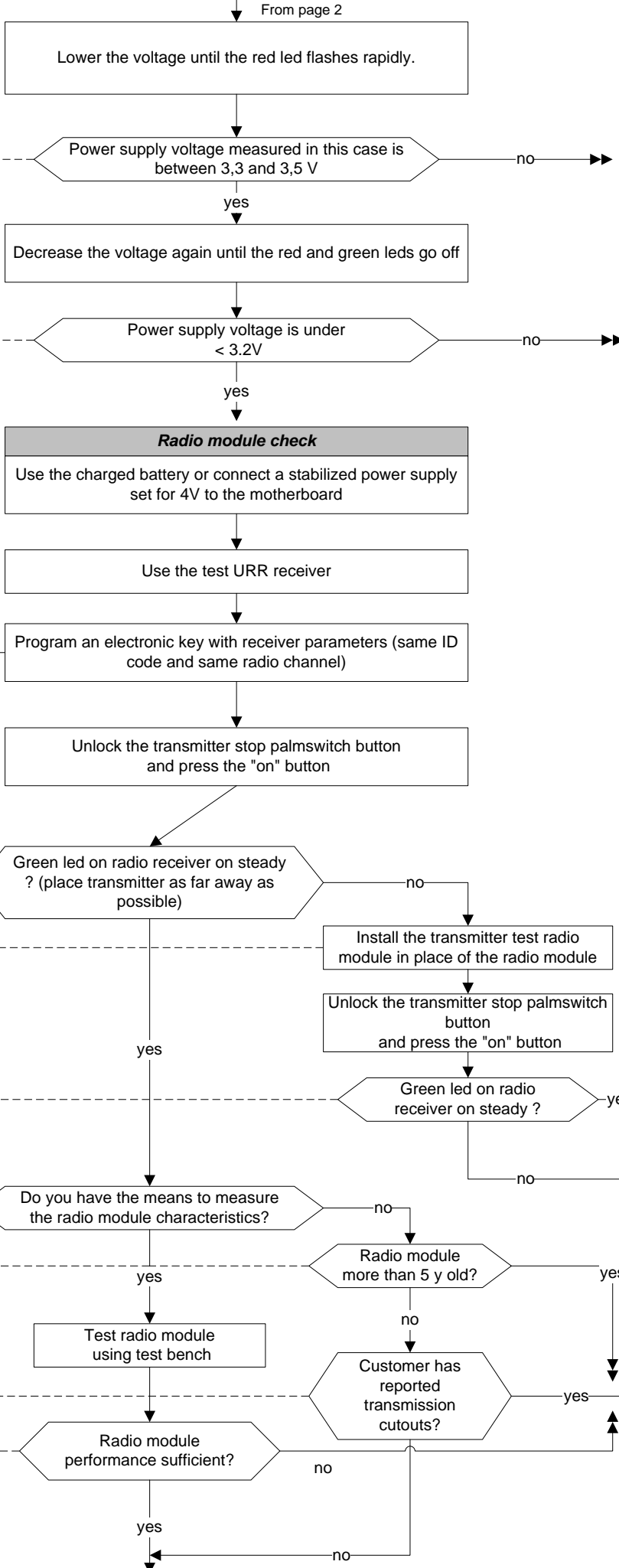
Document SN 520030

Jay Electronique special test instrumentation

In the case of the use of the tool P01570 + DialogUR, The radio quality must be superior to 90 %

Document SN 520030

Symbols :
 → : Continue diagnosis
 ■ : Stop diagnosis
 M.P. : Preventive maintenance



Continued on page 4

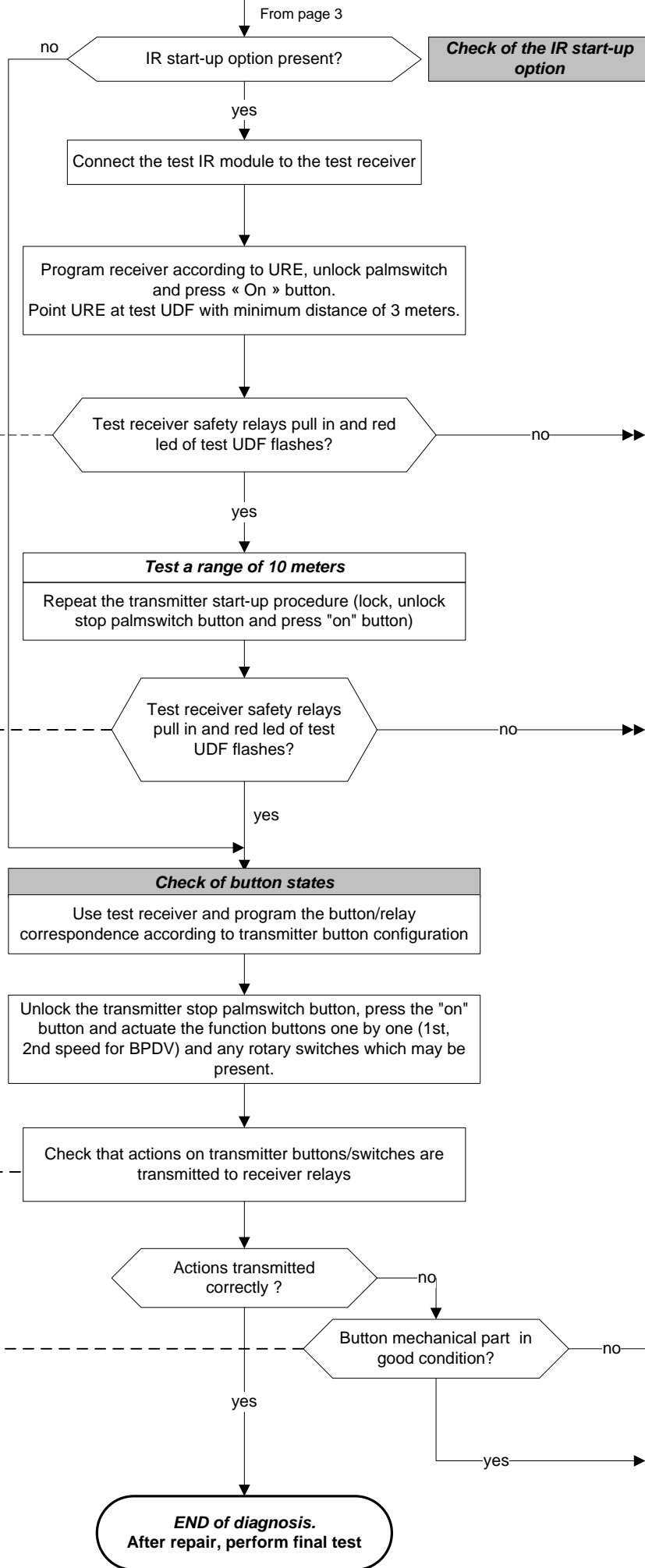
Technical diagnosis URE 1st version

Tool

Additional information

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced



Document SN 520030

Document SN 520030

Tool P01570 + DialogUR Software

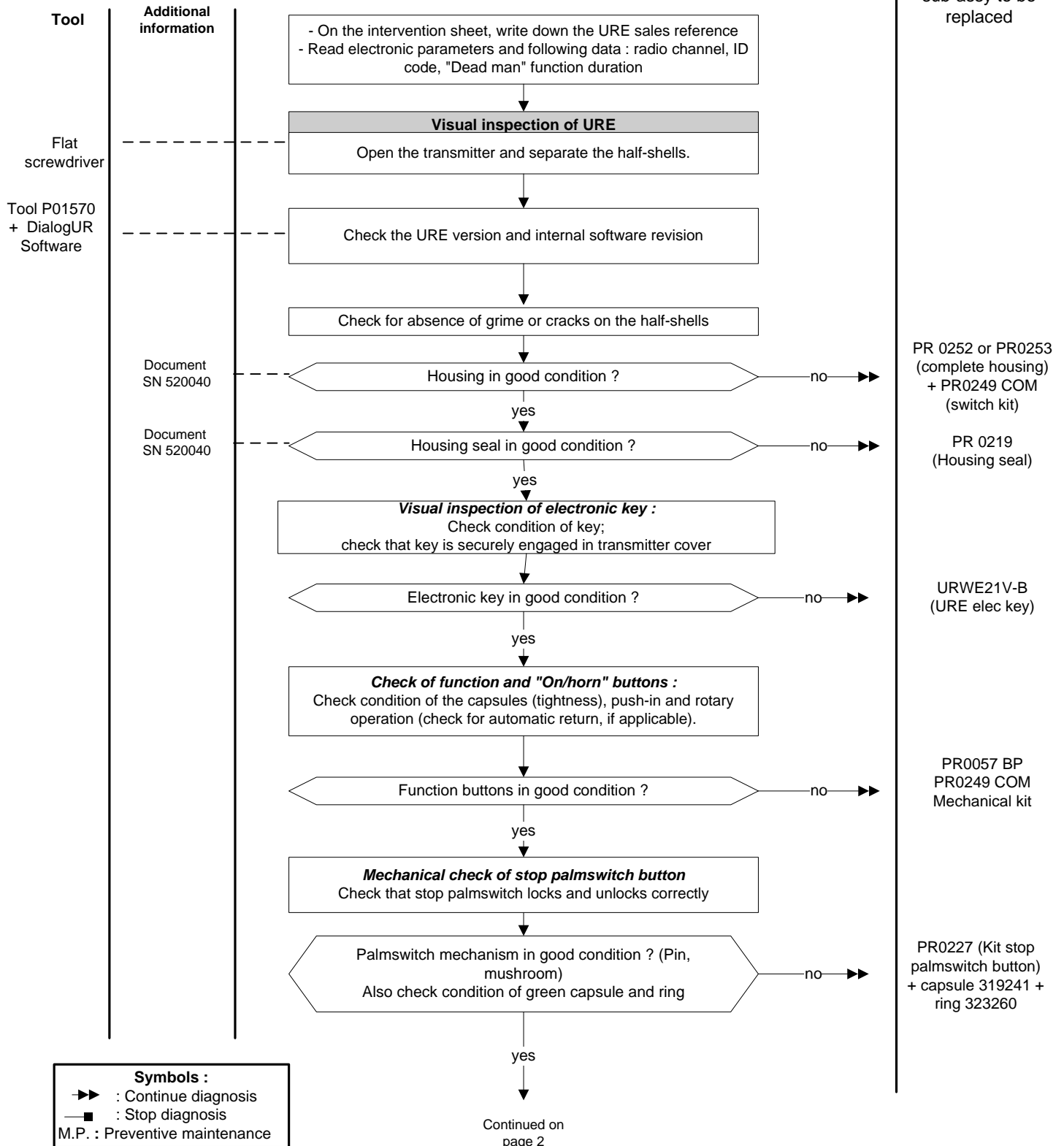
Document SN 520030

Symbols :
 ➡➡ : Continue diagnosis
 —■ : Stop diagnosis
 M.P. : Preventive maintenance


Technical diagnosis URE-B version

PRODUCT INTERVENTION SHEET TO BE COMPLETED

START



Symbols :
 → : Continue diagnosis
 —■ : Stop diagnosis
 M.P. : Preventive maintenance

01	T607	Evolution UR version B	JM. BORMAN	19/02/2007	B.CHACORNAC	
Indice	N° de modif:	Modification	Nom	Date	Approuvé par:	
00	T001	Création	D.PARAT	22/03/2004		
 Technical diagnosis URE-B version			Format:	A4		
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Technical diagnosis URE-B version

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced

PR0250***
Motherboard

PR0248
Battery

PR0250***
Motherboard

PR0250***
Motherboard

PR0250***
Motherboard

Tool

Stabilized power supply
Or
Test battery

Additional information

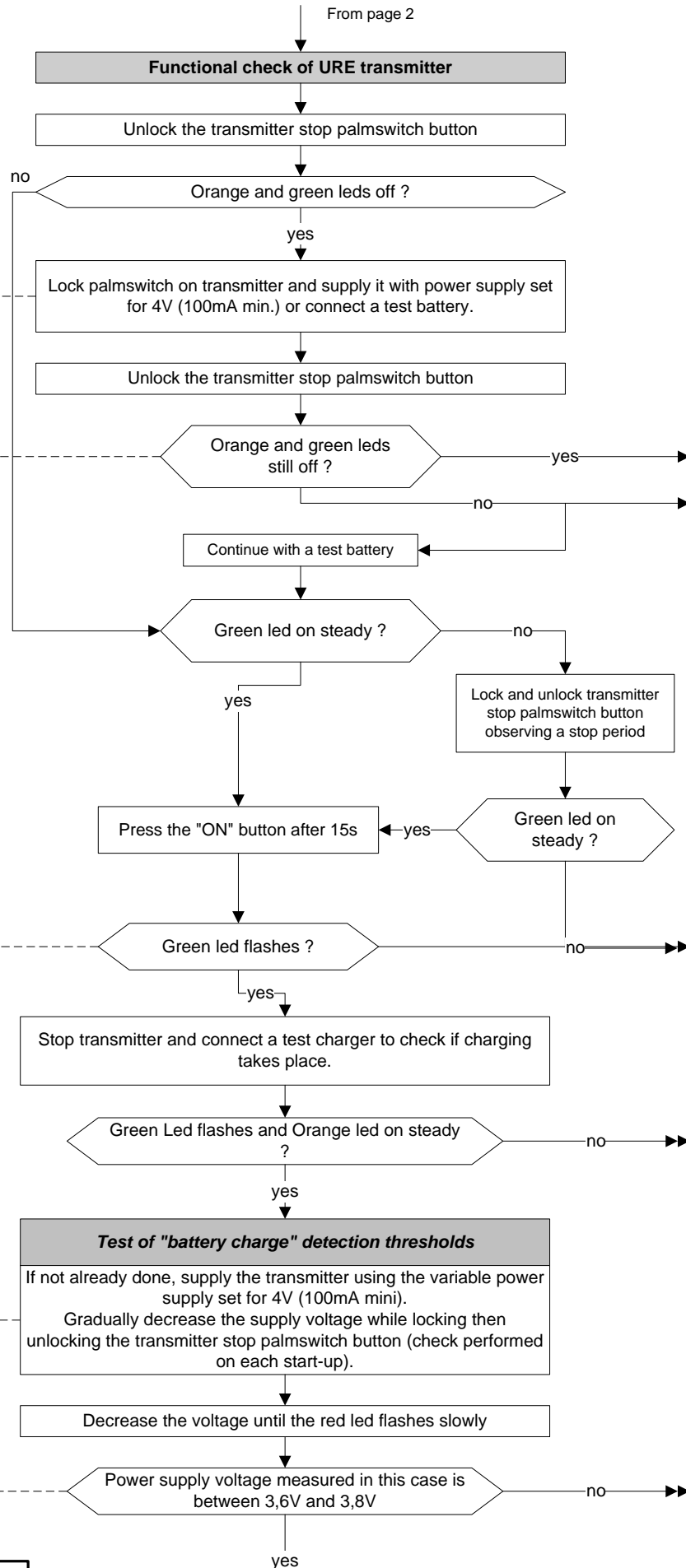
Document SN 520040

Document SN 520040

Adjustable power supply

Document SN 520040

Symbols :
 ->> : Continue diagnosis
 -■ : Stop diagnosis
 M.P. : Preventive maintenance



Continued on page 3

Technical diagnosis URE-B version

PRODUCT INTERVENTION SHEET TO BE COMPLETED

Tool

Additional information

sub-assy to be replaced

Document SN 520040

Lower the voltage until the Orange led flashes rapidly.

Power supply voltage measured in this case is between 3,3 and 3,5 V

no

PR02501** confb 15
Motherboard

yes

Decrease the voltage again until the Orange and green leds go off

Document SN 520040

Power supply voltage is under < 3.2V

no

PR02501** confb 15
Motherboard

yes

Radio module check

Use the charged battery or connect a stabilized power supply set for 4V to the motherboard

Use the test URR receiver

Software "DialogUR" + programming tool bench P01533

Program an electronic key with receiver parameters (same ID code and same radio channel)

Unlock the transmitter stop palmswitch button and press the "on" button

Green led on radio receiver on steady ? (place transmitter as far away as possible)

Test radio module ref: PR0254 E

Install the transmitter test radio module in place of the radio module

Unlock the transmitter stop palmswitch button and press the "on" button

yes

Document SN 520040

Receiver's green led is on steady ?

yes

PR0254 E
Transmitter radio module

no

PR0250***
Motherboard

Jay Electronique special test instrumentation

Do you have the means to measure the radio module characteristics?

no

Radio module more than 5 y old?

yes

Document SN 520040

yes

Test radio module using test bench

In the case of the use of the tool P01570 + DialogUR, The radio quality must be superior to 90 %

Radio module performance sufficient?

no

Customer has reported transmission cutouts?

yes

PR0254 E
Transmitter radio module

yes

Continued on page 4

non

URE-B version diagnosis 3/4

Symbols :

➡ : Continue diagnosis

■ : Stop diagnosis

M.P. : Preventive maintenance

Technical diagnosis URE-B version

Tool

Additional information

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced

Document SN 520040

Document SN 520040

Tool P01570 + DialogUR Software

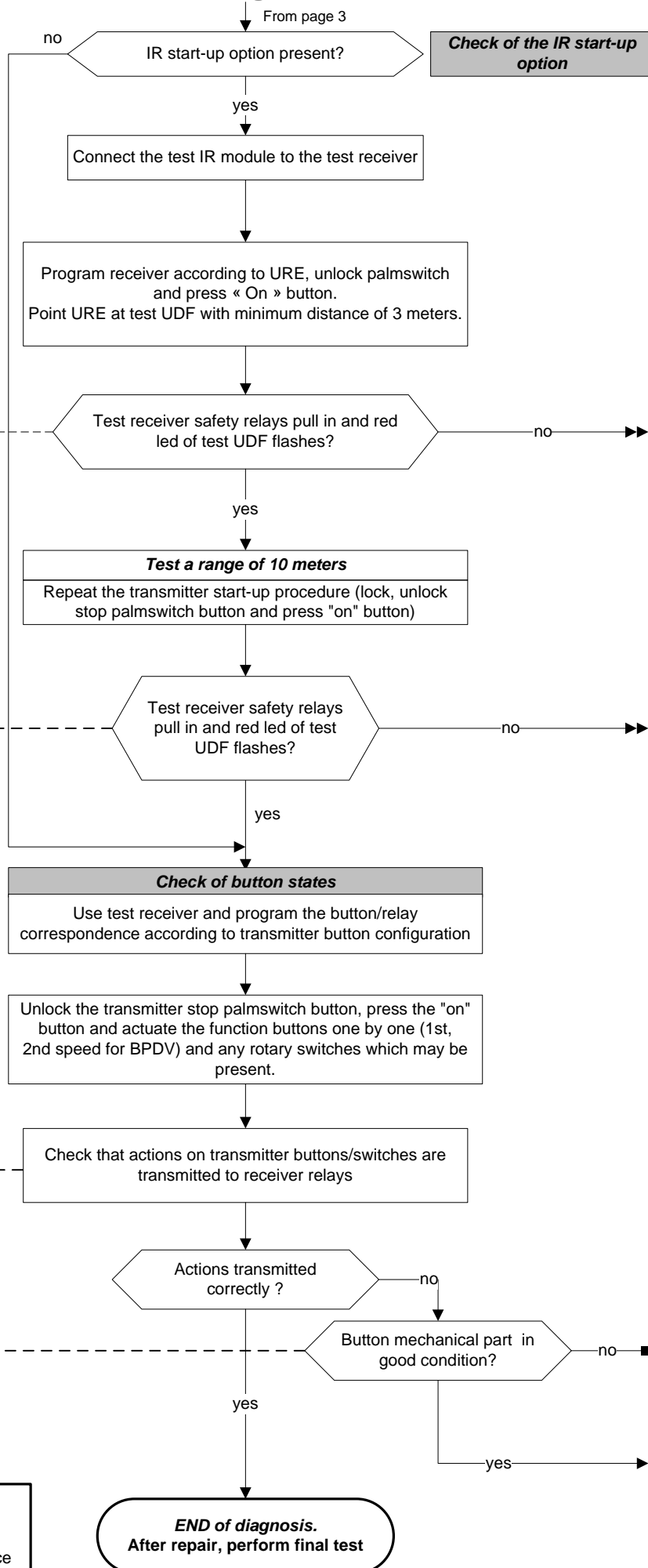
Document SN 520040

PR0250***
Motherboard

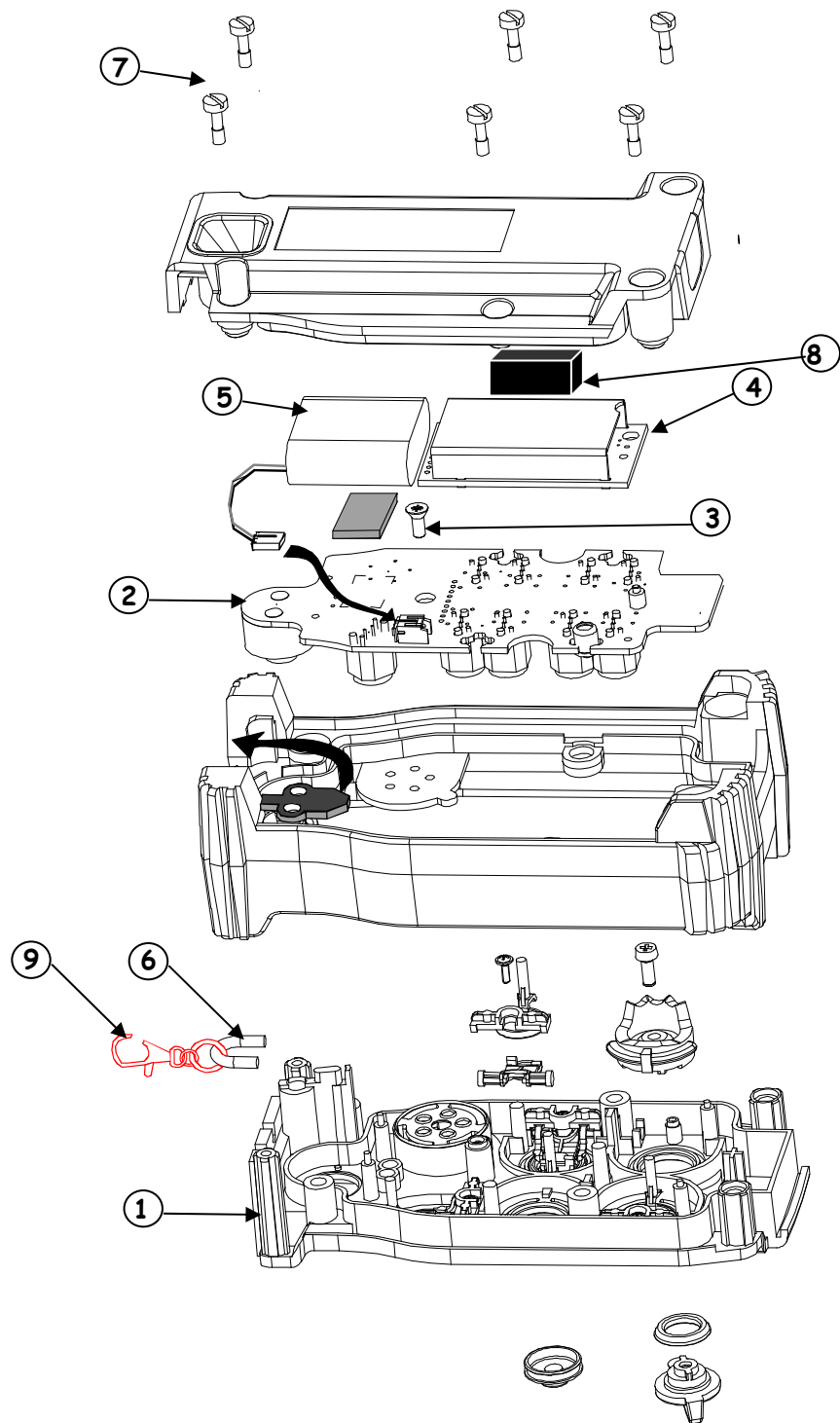
PR0250***
Motherboard

PR 0252 ou PR0253 (complete housing) + PR0249 COM (switch kit)


PR0250***
Motherboard

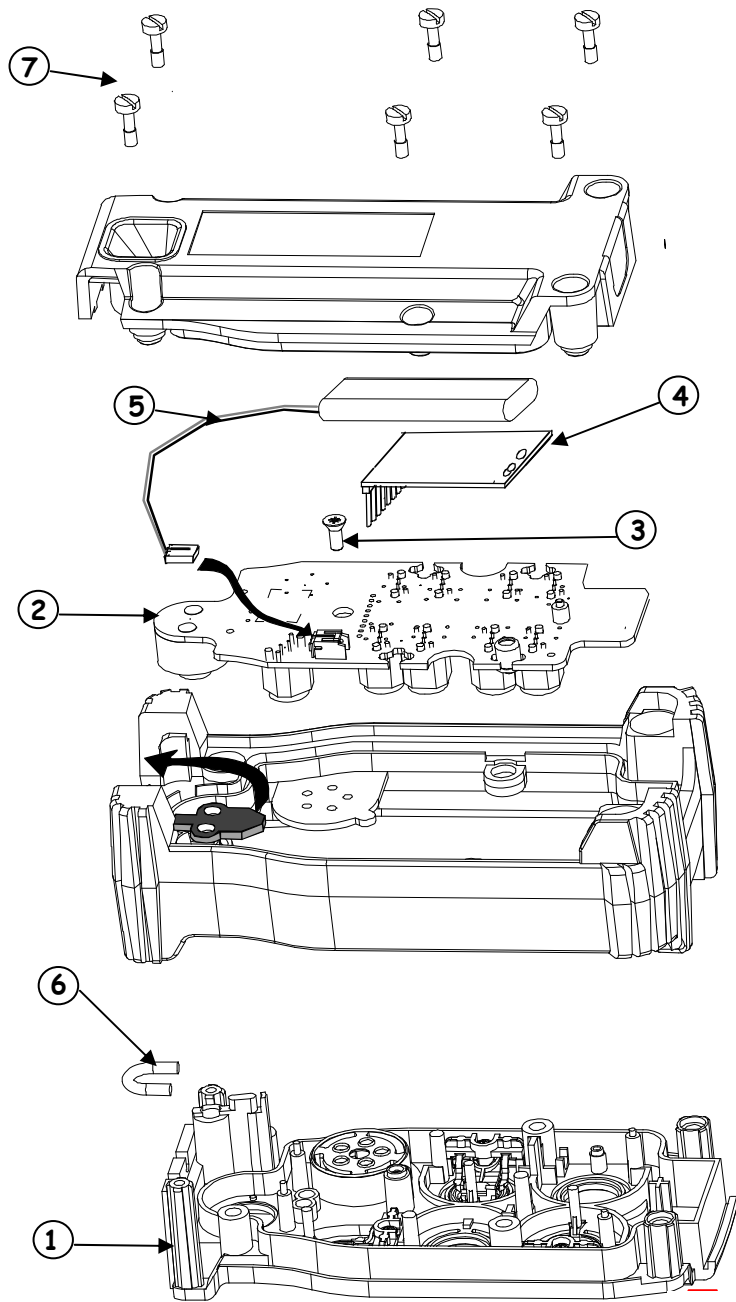


Symbols :
 ->> : Continue diagnosis
 —■ : Stop diagnosis
 M.P. : Preventive maintenance




- 1- Configure cover of housing (1) by adding rotary switches if necessary
- 2- Insert motherboard (2) by lifting seal as shown in drawing. Secure with screw (3).
- 3- Connect the HF module (4).
- 4- **If it is a new HF module « PR0254E »**, glue foam (8) supplied with module to housing base in order to block it.
- 5- Connect the battery (5) and position it on the motherboard.
- 6- Position the fastener (6) by passing it through shackle ring (9).
- 7- Close the housing and secure it with screws (7)

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URE 1st version			Réf : SN 520030-00		



- 1- Configure cover of housing (1) by adding rotary switches if necessary.
- 2- Insert motherboard (2) by lifting seal as shown in drawing. Secure with screw (3).
- 3- Connect the HF module (4).
- 4- Connect the battery (5) and position it on the HF module.
- 5- Close the housing and secure it with screws (7).

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SN520040-00	T607	Création du document	A.PORTAZ	29/03/2007	B.CHACORNAC
 38334 St Ismier Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.44		Transmitter assembly URE-B	Format : A4		
			Loc doc :		
			Réf : SN 52 0040-00		



URE final test after intervention

Additional information

Tools :

Test receiver

Test elec key

Test tool P01570

DialogUR

software

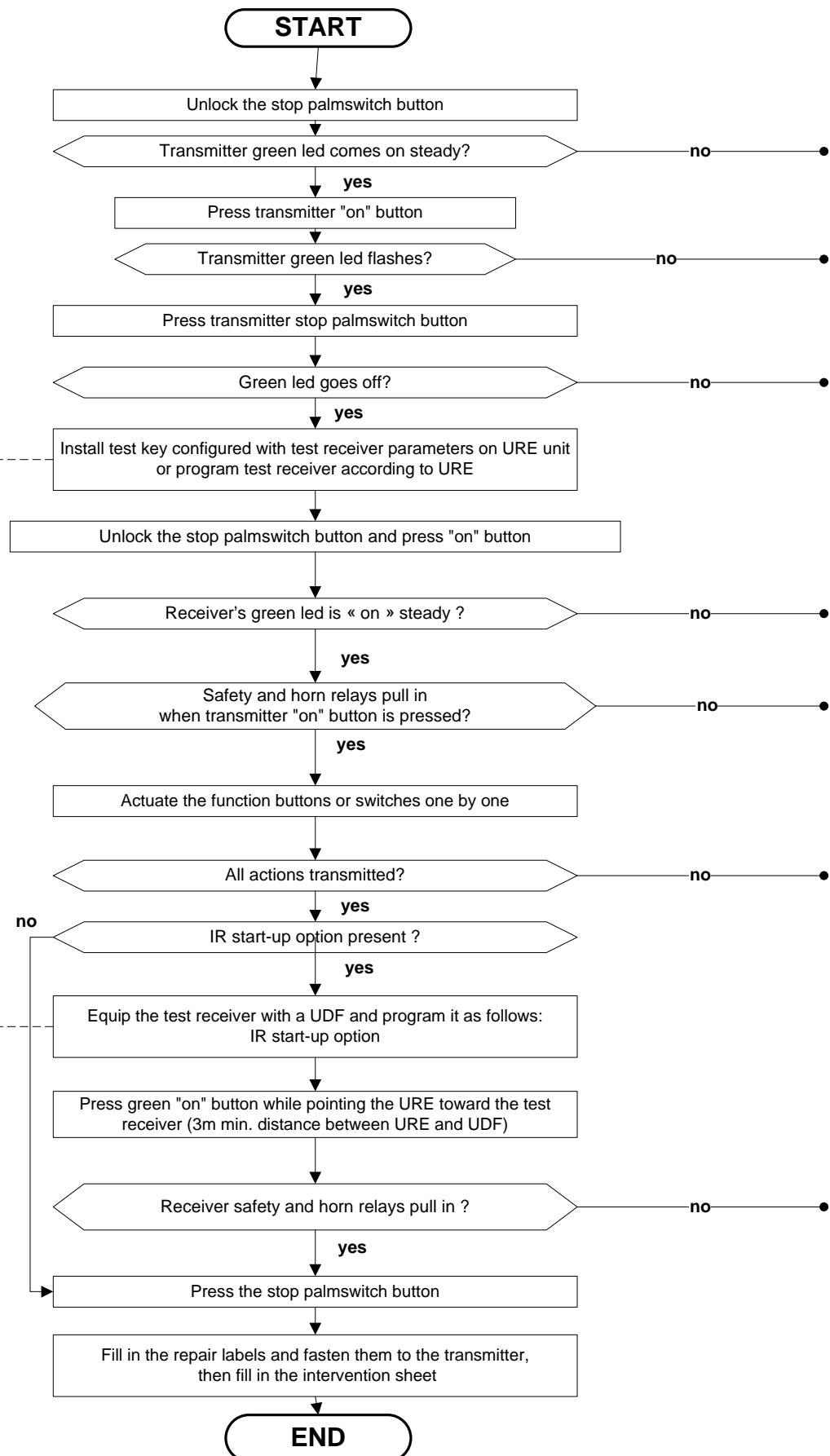
Test UDF

Key :

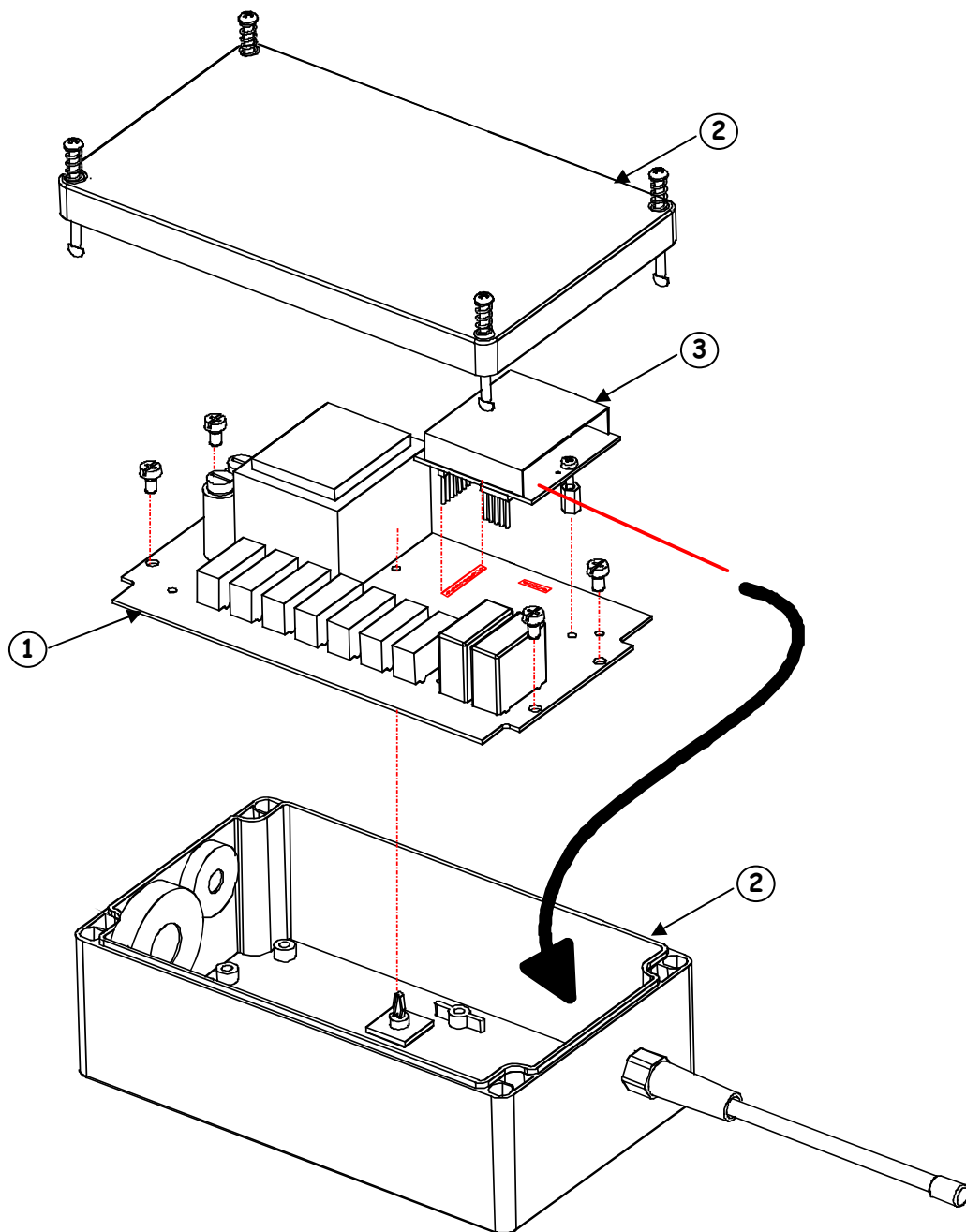
no ●

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Test is negative, repeat technical diagnosis on product




Indice	N° de modif:	Modification	Nom	Date	Approuvé par:	
00	T 607	Création	JM.BORMANN	29/03/2007	B.CHACORNAC	
 ZAC la batie 38334 St ISMIER CEDEX Tél: 04.76.41.44.00 Fax: 04.76.41.44.44			Format:	A4		
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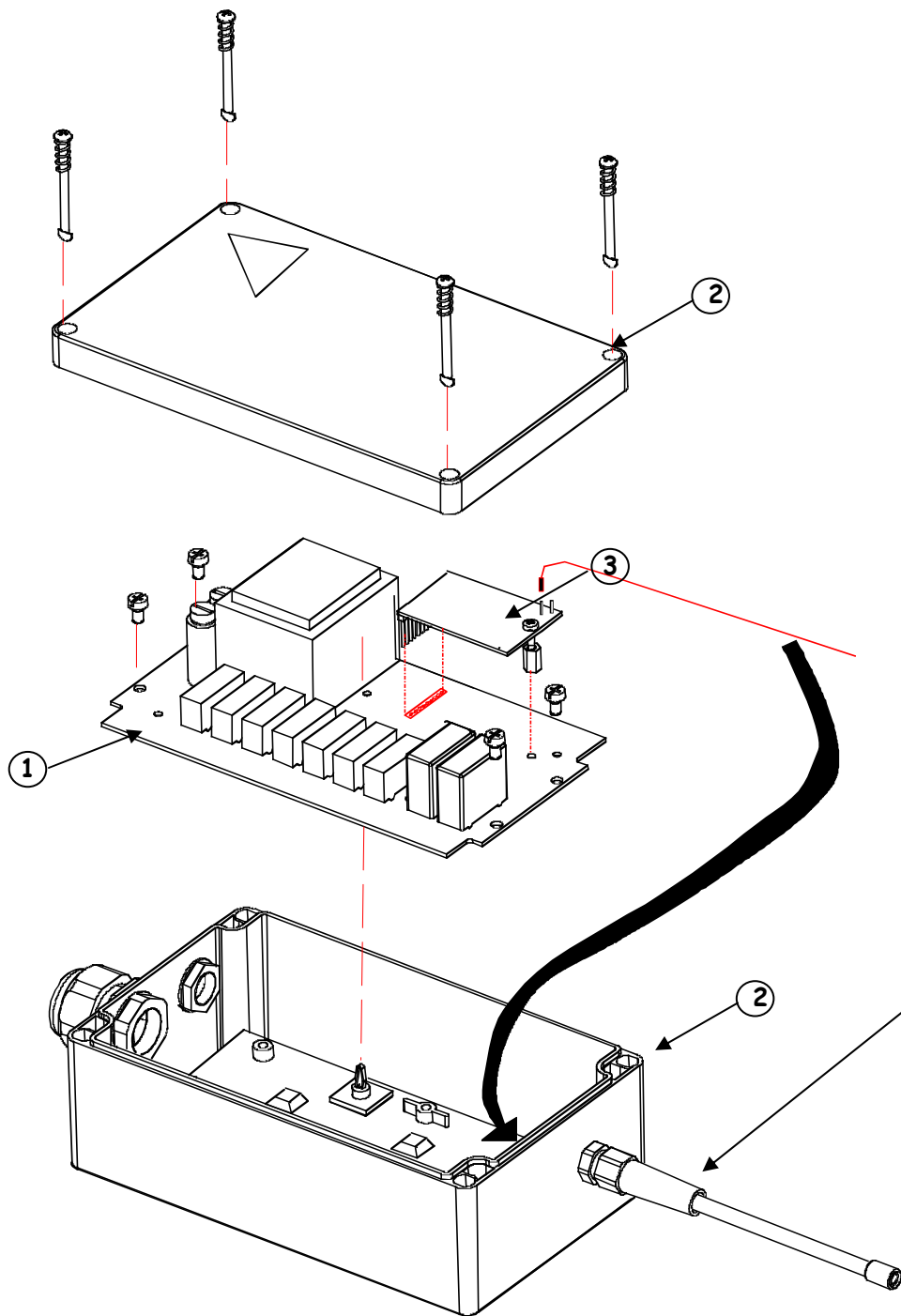


Item	Spare part reference	Description	Qty
1	PR0225**	URR motherboard (specify voltage version)	1
2	PR0226	Housing assembly	1
3	PR0224R	tuner	1

Spare part reference	Description
PR0225C4	URR MOTHERBOARD 3+6RL 12-24VDC
PR0225CA	URR MOTHERBOARD 3+6RL 24-48VAC
PR0225CB	URR MOTHERBOARD 3+6RL 115-230VAC

Only motherboards with 6 function relays are available


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Item	PR	Description
1	PRO225**	URR Motherboard (specify version)
2	PRO226	Housing assembly
3	PRO237R	Tuner

Details on motherboard reference	
Spare part reference	Description
PRO225C4	URR MOTHERBOARD 3+6RL 12-24VDC
PRO225CA	URR MOTHERBOARD 3+6RL 24-48VAC
PRO225CB	URR MOTHERBOARD 3+6RL 115-230VAC
Only motherboards with 6 function relays are available	


Fixed antenna or BNC kit for plug-in antenna ref. OWR01

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		Création du document	A.PORTAZ	29/03/2007	B.CHACORNAC
 38334 St Ismier Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.44			Format : A4		
			Loc doc :		
URR-B			Réf : SE 530020-00		

LIST OF SPARE PARTS TO USE ACCORDING TO RECEIVER VERSION

Subsequent to product technical evolutions, certain spare parts of the product have changed.
The various spare parts to be used are indicated below.

Sales designation of spare parts	Parts to be used with URR receiver 1st version, data package A001 to A003	Parts to be used with URR-B receiver, data package A001	REMARKS
URR motherboard	PR0225**	PR0225**	Only motherboards with 6 function relays are available
Tuner	PR0237R	PR0237R	The new tuner is compatible with the old and new receiver. The tuner ref. PR0208R is discontinued.
Housing assembly	PR0226	PR0226	The rubber wire grommets have been replaced by plastic cable glands (PE).

Indice	N° Modif	Modifications	Nom	date	Vérifié par
0	T607	Création du document	A.PORTAZ	29/03/2007	B.CHACORNAC
 38334 St Ismier Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.44		Evolution of receiver	Format : A4		
		URR	Loc doc :		
		Réf :SN 530010-00			

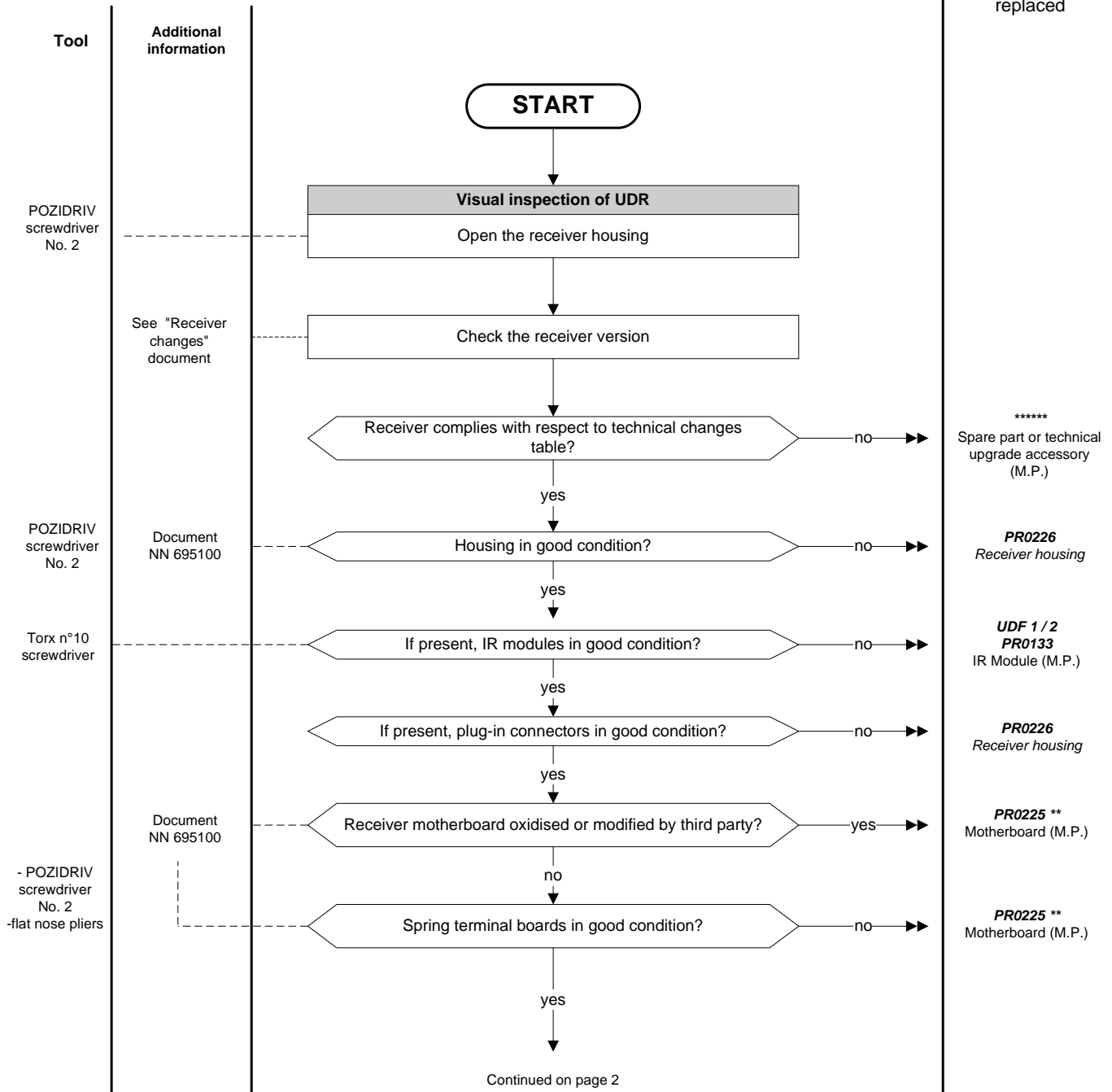


Technical diagnosis receiver URR

All version

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced



Symbols/abbreviations :
 ➡➡: Continue Diagnosis
 ■: Stop Diagnosis
 P.M. : Preventive Maintenance

SJ 530010-00	T607	Mise à jour version UR-B	JM BORMANN	29/03/2007	B.CHACORNAC	
Indice	N° de modif:	Modification	Nom	Date	Approuvé par:	
NON CODIFIE	T001	Création	D,PARAT	19/03/2004		
 ZAC la Battie 38334 St ISMIER CEDEX Tél: 04.76.41.44.00 Fax: 04.76.41.44.44			Format:	A4		
			Nom du fichier:	\dossierUR\reparation\diagnostics		
			REF DOC:	REF SJ 530010-00	Page:	1 / 5
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Technical diagnosis receiver URR

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced

Tool

Additional information

Power supply fuse ratings:
24/48VAC
F1=0.8A, F2=1.6A
115/230VAC
F1=0.16A, F2=0.315A
12/24VDC
F1=1A, F2=1A

6mm flat tip screwdriver

Pay attention to power supply voltage.

If necessary, equip receiver with a test UDF IR module

-POZIDRIV screwdriver No. 2 - flat nose pliers

Document SN 530020

See table of possible fault causes in installation manual

Tool P01570 + DialogUR software

See installation manual

See installation manual for transmitter indicator light functions

See installation manual for receiver indicator light functions

Symbols/abbreviations :
 ►►: Continue Diagnosis
 —■: Stop Diagnosis
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Continued from page 1

Check of power supply fuses
continuity test

Fuses in good condition and compliant with respect to power supply voltage?

Replace fuses for subsequent part of diagnosis

Functional check of receiver URR
Switch on the receiver

Green led « Power » on ?

Leds of safety microswitches flashing ?

Program a URE key with the parameters corresponding to the receiver and place it on the test transmitter.

Apply the procedure for transfer of identity code from key to URE transmitter

Unlock the transmitter stop palmswitch button and press the "on" button

The green led " Safety 2 " of the receiver is on ?

Receiver's red led is flashing ?

PR0123 Receiver fuse kit

PR0225 ** Receiver motherboard

PR0237R Radio module

Continued on page 3

Tool
Additional information

Technical diagnosis receiver URR

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced

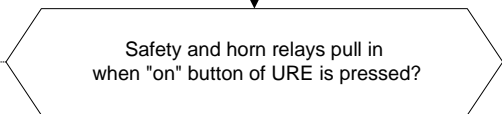
Digital multimeter

Document SN 530020

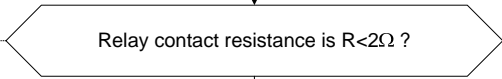
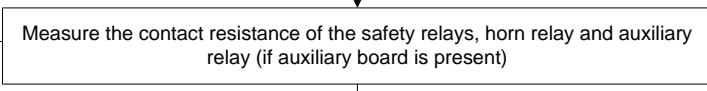
Document SN 530020

Document SN 530020

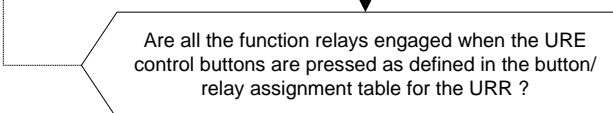
Document SN 530020



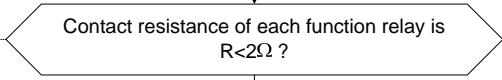
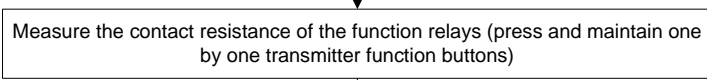
PR0225 ** Receiver motherboard



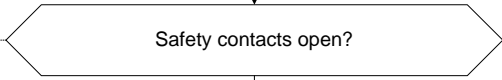
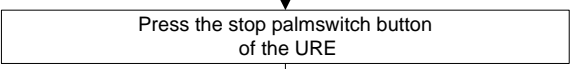
PR0225 ** Receiver motherboard



PR0225 ** Receiver motherboard



PR0225 ** Receiver motherboard



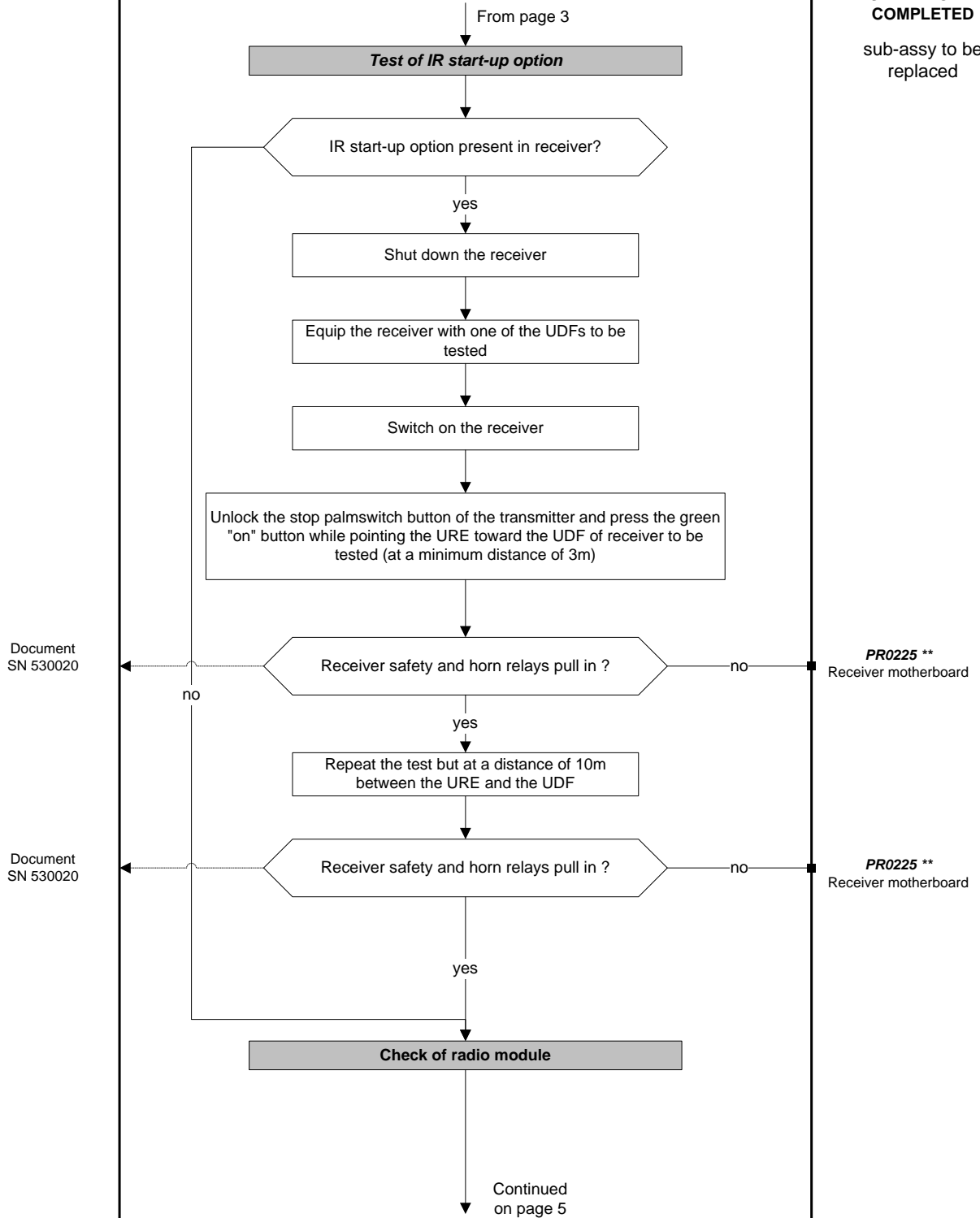
PR0225 ** Receiver motherboard

Continued on page 4

Symbols/abbreviations :
▶▶: Continue Diagnosis
■: Stop Diagnosis
P.M. : Preventive Maintenance

Technical diagnosis receiver URR

sub-assy to be replaced



Symbols/abbreviations :
 ➡➡ : Continue Diagnosis
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Technical diagnosis receiver URR

PRODUCT INTERVENTION SHEET TO BE COMPLETED

sub-assy to be replaced

Tool

Additional information

See table of possible fault causes in installation manual

Document SN 530020

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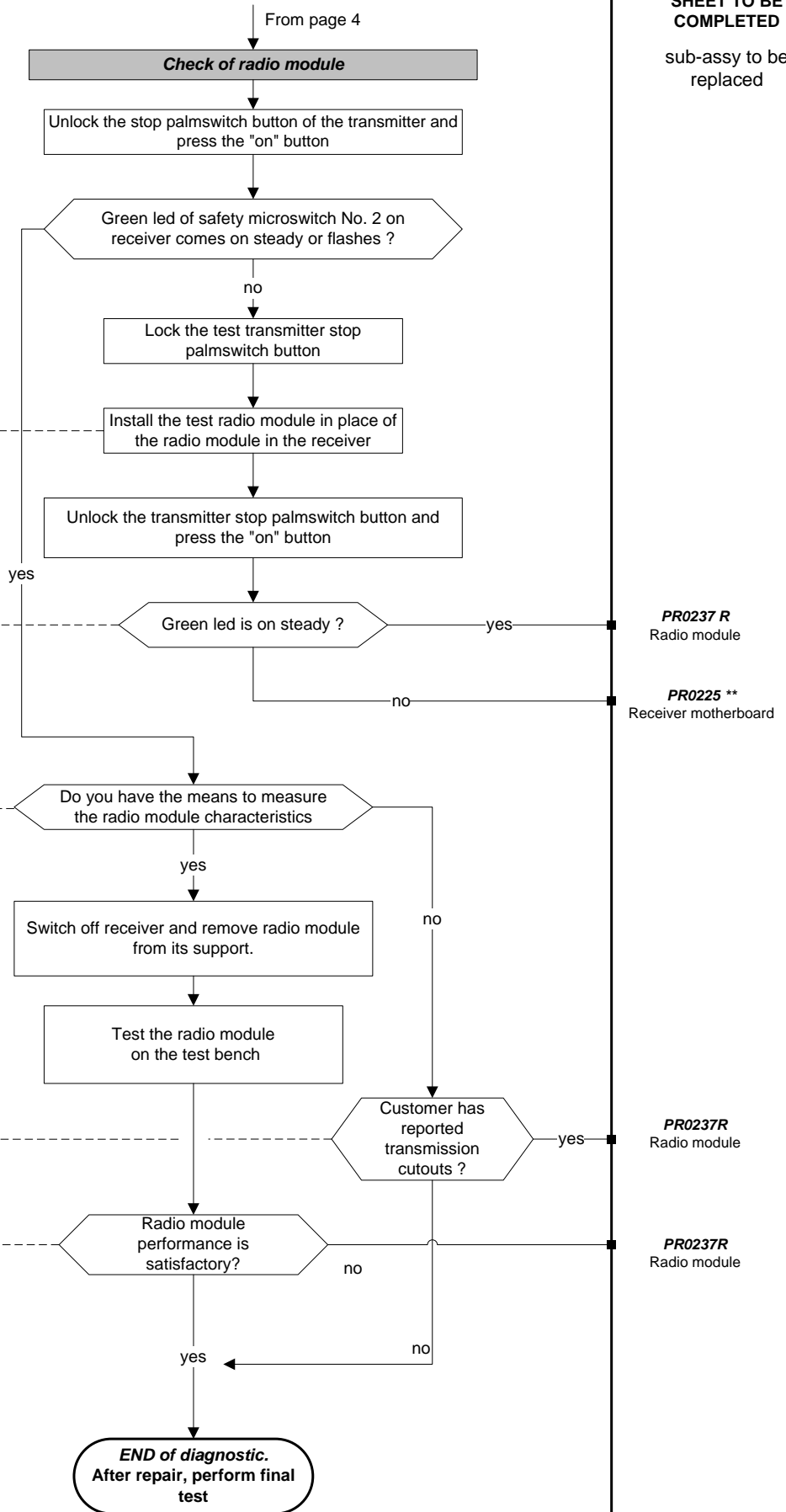
Jay électronique specific test instrumentat.

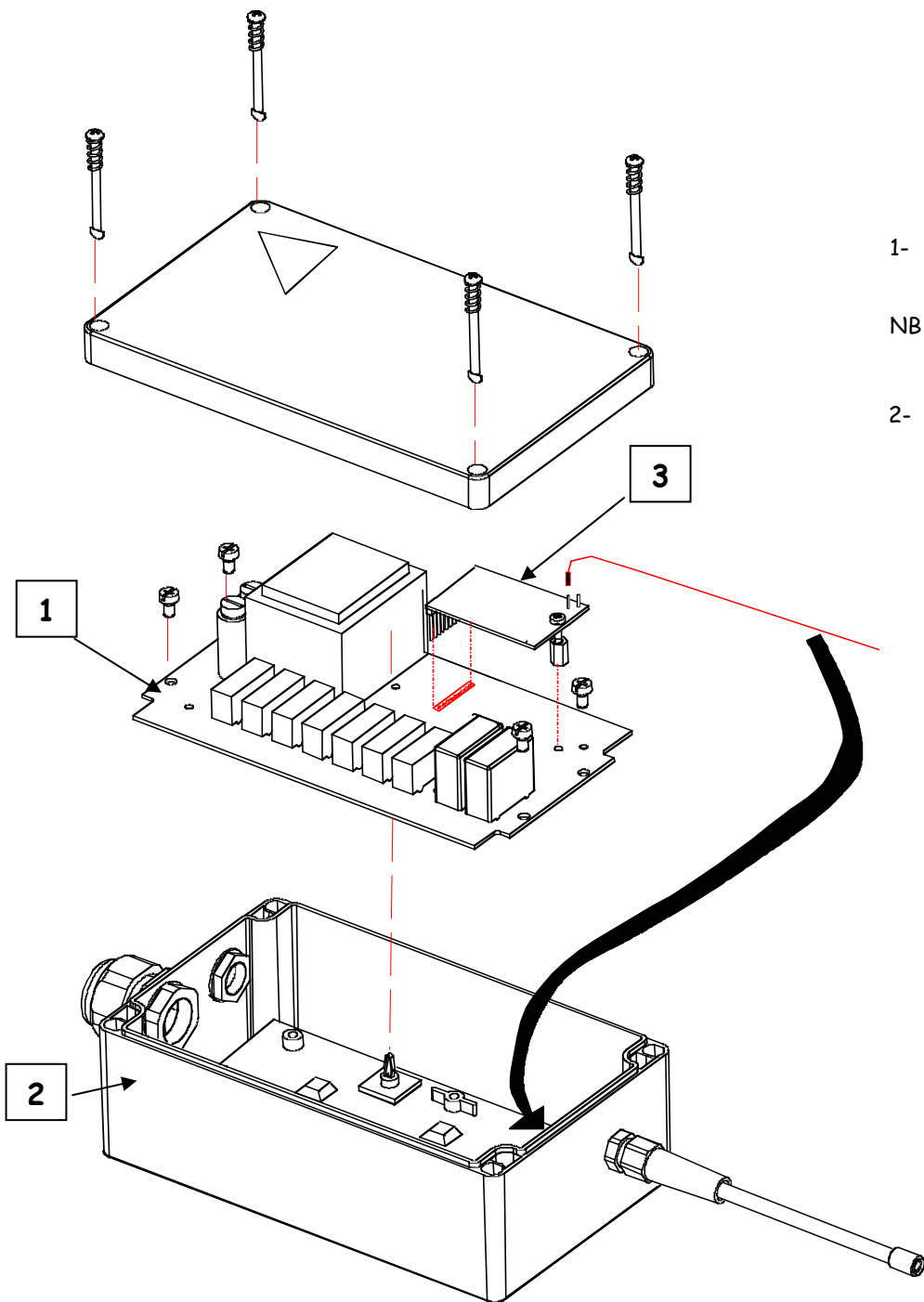
In the case of the use of the tool P01570 + DialogUR, the radio quality must be superior to 90%

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Symbols/abbreviations :
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1- Connect the tuner (3) to the board (1). Secure with screw.

NB : In the case of the use of external BNC antenna, verify the good connection with radio tuner and NBC connector.

2- Place the motherboard in the housing (2) -Pay attention to mounting direction - when inserting the antenna wiring in the spiral cable gland. Screw in the 4 cover screws..



NN695101.00	T607	Release UR	P.NITSCH	12/01/2007	
Référence	N° Modif	Modifications	Nom	date	Vérifié par
NN695100.00	T001	Création du document	P. NITSCH	20.02.03	
 38330 MONTBONNOT ST MARTIN Tél : 04.76.41.44.00 Télécopie : 04.76.41.44.41			Format : A4		
			Loc doc :		
Assembly URR receiver			Réf : NN 695101.00		



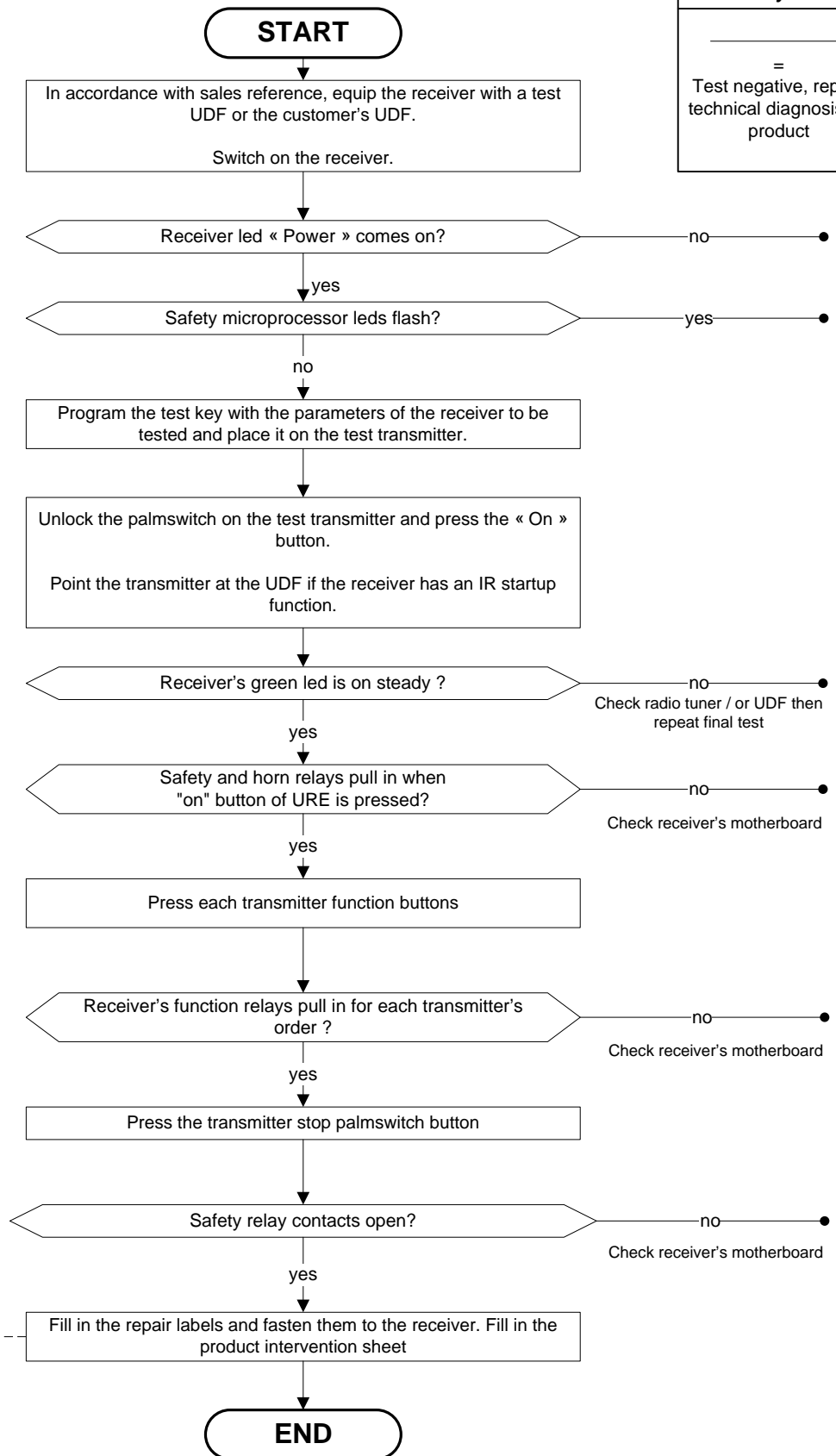
URR final test after intervention

Additional information

Key:

—● =
Test negative, repeat technical diagnosis on product

Stick intervention labels on product



SJ 530020-00	T607	Evolution UR-B	JM BORMANN	29/03/2007	B.CHACORNAC
Indice	N° de modif:	Modification	Nom	Date	Approuvé par:
Non CODIFIE	T001	Création	D,PARAT	19/03/2004	
 ZAC la Battie 38334 St ISMIER CEDEX Tél: 04.76.41.44.00 Fax: 04.76.41.44.44	URR Receiver (all version) Final Test	Format:	A4		
		Nom du fichier:	\\dossier UR\dossier rep\URR\final,vsd		
		REF DOC:	SJ 530020-00	Page:	1/1
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