UPDATING OF FIRMWARE Rev. 5.20

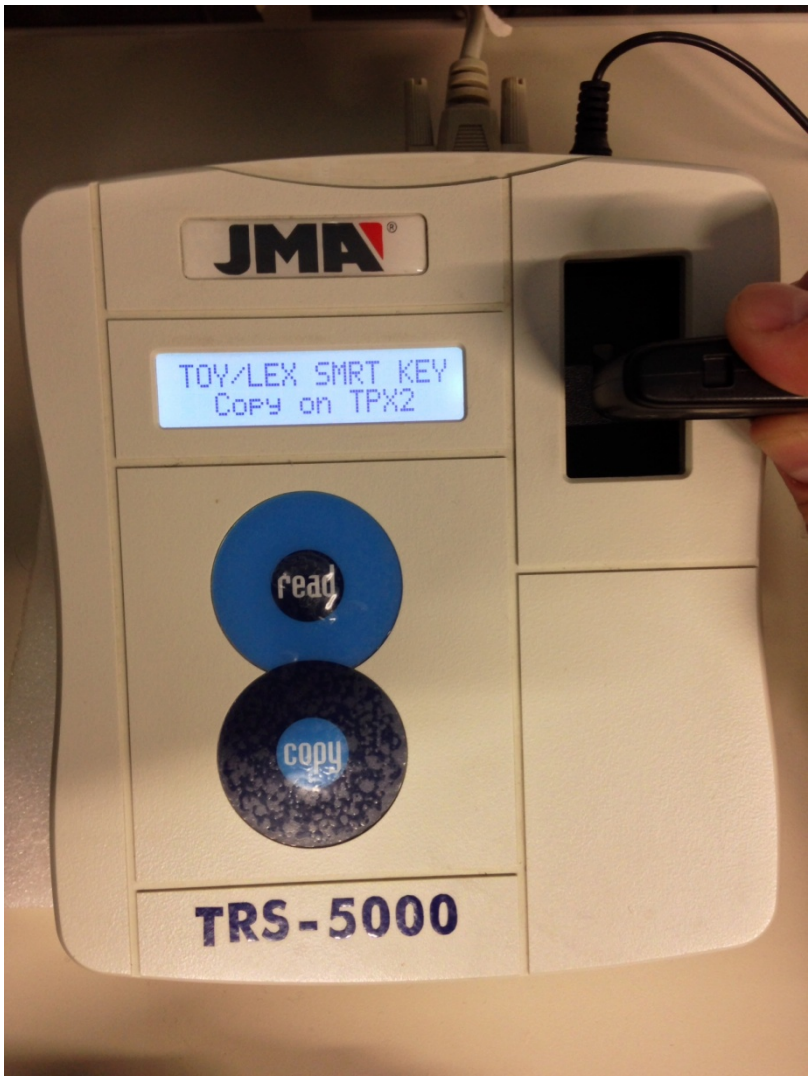
1. Recognising the Texas Crypto transponder of the TOYOTA PRIUS

From now on, the 2nd generation Texas Crypto transponder (DST40) inserted in the PROX/NO PROX keys of the TOYOTA PRIUS for the models between 2004-2009 can be recognised.

BRAND	MODEL	YEAR	JMA KEY
TOYOTA	PRIUS	2004 - 2009	

For a correct reading, the key does not have to be introduced into the antenna hole like in the most of the keys but it must be placed like showed into below picture, perpendicular to the antenna hole.

This is because unlike the most of the keys where transponder is located longitudinally and parallel to metallic blade, in the case of this key, the transponders is placed parallel to remote buttons and on the side opposite to emergency key extraction finger grip.



Below, we show the reading of the mentioned key in the TRS5000, as well as the associated texts:

TPxx	TOY/LEX SMRT KEY Copy on TPX2	Texas Crypto Code 2Gen.Wedge/Prox Toyota Prius.

With our TPX2, we will cover remote controls that do not have the "smart Entry" access (black Toyota logo) and those that do have the mentioned access (silver Toyota logo).

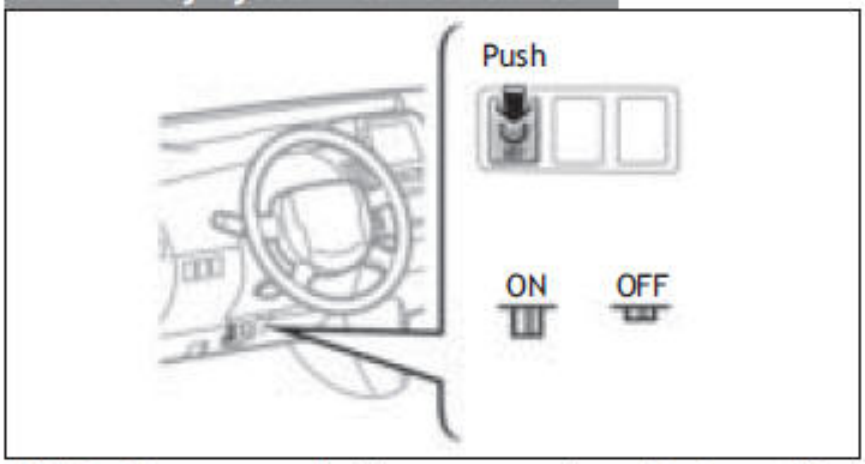


Once the copy has been completed over TPX2, JMA key always must be inserted into learning/programation slot to start the engine.

If the vehicle has the SMART ENTRY option and we only have the JMA key, it would be convenient to deactivate that function, (SMART ACCESS).

Below we describe the disconnection procedure.

Smart Key system cancel switch



NOTE: To conserve battery power, turn the Smart Key system "OFF" when not using the vehicle for prolonged periods of time. For more battery saving information, refer to the *Owner's Manual* for more details.

Smart Key unlock functions (if equipped)

The Smart Key unlocking function can be programmed to operate in three different modes when Smart Key is activated. In all modes, grasping the front passenger door handle will unlock all doors.

-To unlock driver side door only, grasp driver side handle.
-To unlock all doors, grasp any door handle except rear doors.
-To unlock driver side door or hatch independently, grasp the handle.

Refer to the *Owner's Manual* for more information on this feature, and how to change modes.

The start with the new JMA key (TOYO-xx.Px), (always excluding the Smart Entry function that cannot be used with our key) can be done in 2 different ways (the same as the original), and these are explained below:

Without SMART ENTRY and without pressing Brake.

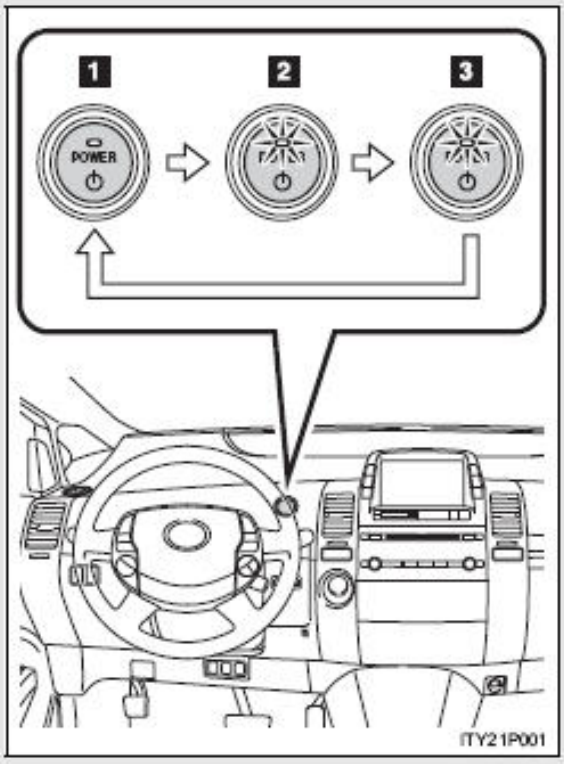
Changing operation modes

Pressing "POWER" without depressing the brake pedal while the Hybrid System is OFF will change the operation mode in succession from:

ACCESSORY	Accessories such as the radio will operate.
↓	
ON	Ignition is on; Hybrid System is not engaged.
↓	
OFF	All systems OFF.

Modes can be switched by pressing the "POWER" switch when carrying the electronic key on your person. (The hybrid system can be started in any mode by operating the switch at the same time as depressing the brake pedal.)

n Changing power (ignition) switch mode



1 OFF mode

2 ACCESSORY mode

Some electrical components such as the audio system can be used.

3 ON mode

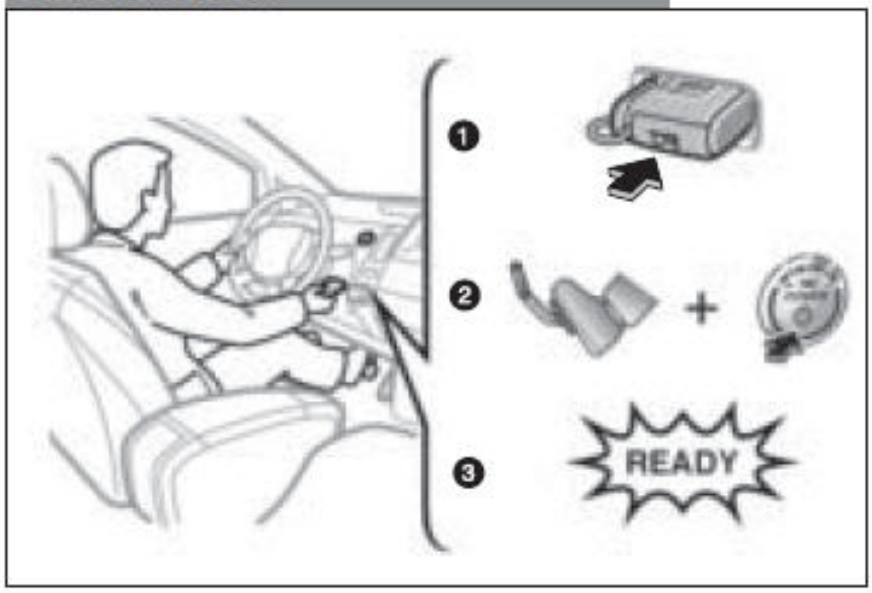
All electrical components can be used.

*: The power cannot be switched to OFF unless the shift lever is in "P".

Without SMART ENTRY and pressing the brake

Turning the Hybrid System ON

Start function



1. Insert key.*
2. Depress the brake pedal and push the "POWER" button briefly and firmly.
3. The "READY" light will blink. After a few seconds, when the light remains ON and a beep sounds, you may begin driving.

Note: The brake pedal must be depressed to turn the Hybrid System on.

* It is not necessary to insert the ignition key (key fob) if Smart Key system is installed and activated.

Changing operation modes

Pressing "POWER" without depressing the brake pedal while the Hybrid System is OFF will change the operation mode in succession from:

ACCESSORY	Accessories such as the radio will operate.
ON	Ignition is on; Hybrid System is not engaged.
OFF	All systems OFF.

Some of the models where this key has been detected are:

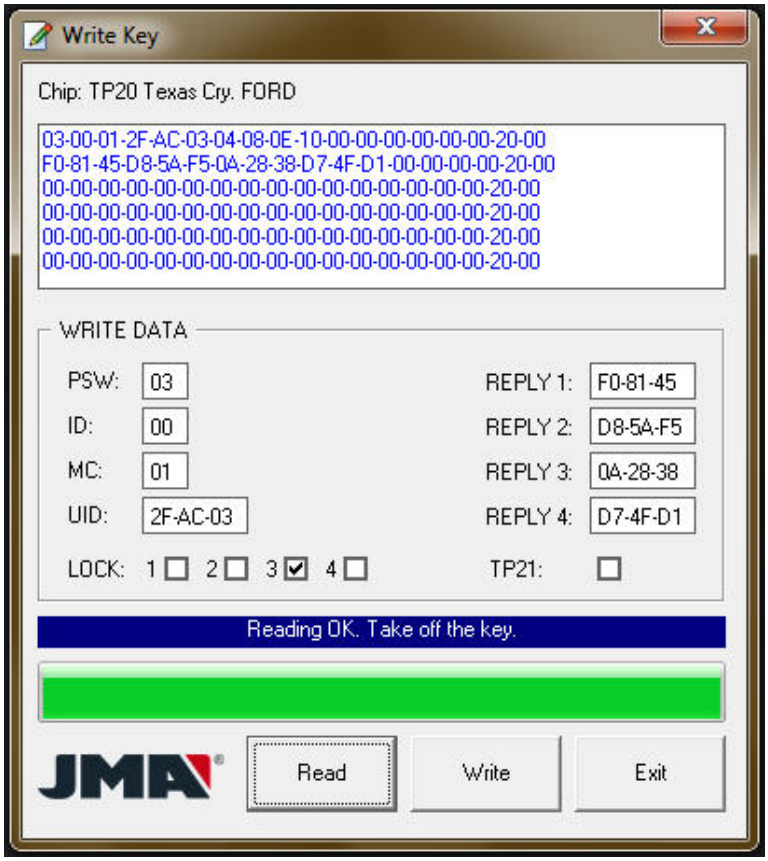
2. Recognise and copy the Texas Fixed (TP02/4C) in R/W mode.

As from this revision, the Texas Fixed transponders (TP02/4C) can be copied on our TPX1 in R/W format.
Until now, the (TP02/4C) could only be cloned in reading format.
Both have 64 bits of memory, but the starting and finishing headings are different.
Below, we show the reading of the mentioned key in the TRS5000, as well as the associated texts:

TP02	TP02 Texas Fixed Copy on TPX1	Texas Fix Code. Wedge Format.

3. Introduction of new READING/WRITING Menu for TPX2.

A new Menu which enables READ/WRITE over TPX2 has been inserted only in the new TRS EVO PC Software.
We could see in the following picture, Texas Crypto layout and the different information fields as well as the READ/WRITE buttons that enables only the copy over TPX2.



4. Small corrections and improvements

4.1. Modify the reading/Copy of the old TP03-ID 13 of DAEWOO that were installed on some models like the Aranos (1995-1997), Espero (1995-1997), Lanos (1997-2002), Leganza 1997-2002), Matiz (1998-2000), Nexia (1995-1997) and Nubira (1997-2000).
The copy is done on TP05.

4.2. Correct the final screen shown for both the TRS5000 as well as the TRSEVO when it is not possible to find the secret code of an original Texas Crypto key.
When the statistical algorithm is not capable of finding the secret code, the message that should appear would be "KEY NOT FOUND" instead of the multiuse message "COPY ERROR" that usually leads to confusion.
The reasons for showing "COPY ERROR" can be from a defective chip to the previous use of the TPX2, which now makes a later copying on the same impossible.

4.3. Modify the Reading/Writing procedure of some key used in Piaggo/Peugeot/Gilera bikes.



OEM keys bring a TP04 – ID11/ID12.

SOFTWARE UPDATING Rev. 5.16

1. Transponder TP16 Copy procedure redesign.

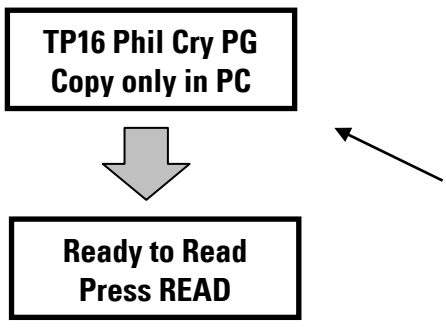
From now on, it ONLY will be possible copy TP16 in PC Mode.
It was decided do it in this way, so that when something unexpected happens during original key reading phase (removal of the OEM key before scanning time have finished, faulty readings due to insertion of the OEM key with key rings or another metallic keys around OEM one, which distort readings, insert disturbing elements, such us mobiles, walky-talkies within reading critical influence area, accidental power supply turn off, etc) all of them cause copy errors that only can be solved using TP16 RESTORE function, inserted only into PC Software.
Once this possible faulty copy key is inserted into engine ignition and try start the engine, the vehicle enter in safe mode and sometimes don´t let even the starting with original key.
As a precaution, battery terminals can be removed for 5 min which normally cause ECU reset.
But if the original key still doesn´t work, it should be reprogrammed.
Therefore, TP16 RESTORE function was developed and it is only available in PC Mode.
Below are detailed brands and models affected:

BRAND	MODEL	YEAR	JMA KEY
PEUGEOT	206	1998-2000	TPH1NE-36.P2
PEUGEOT	406	1999-2001	TPH1NE-51.P2

NOTE 1: Only the last TP16 key already read can be regenerated. A reading has to be completed prior to proceeding with the regenerating function.
If we read a TP16 with Key ID X (it is automatically stored in memory) so if we insert another different TP16 with key ID Y we couldn´t regenerate the key.

NOTA 2: TP16 flowchart has been modified and would be as follows:

Copy WITHOUT PC:



When original Key is inserted, Display only will show the TP type inserted, and copy will not be allowed unless TRS5000 is not connected to PC.

Copy WITH PC:

Reading Data…
Please wait….

As son as you insert the original key, the PC program start the secret code searching, providing that TRS5000 is connected to PC.

THIS IS THE PROCESS DURING WHICH YOU SHOULD NOT UNDER ANY CIRCUMSTANCES REMOVE THE ORIGINAL KEY

Reading OK.
Take off Key.

Insert key to program

At this point, the key information is automatically stored in the Micro EEPROM and the secret code is available to proceed with its copy on a blank TPH1.

Press "WRITE KEY" to Program the key

Writing key…..
Please wait…..

Once PC software automatically detects the introduction of TPH, will be enabled WRITE KEY button to proceed with the copy.

Writing OK.
Take off teh Key.

2. **Updating minor bugs.**

It exploits the previous firmware modification to unify TP04 code readings

From now on, each and every one of the readings for this transponder (Temic fixed), they will be shown in a standardized format.

The information collected (80 bits), are not presented on the display in any way, but knowing synchronization headers most commonly used by manufacturers of these vehicles, we proceeded to synchronize the frames before displaying.

SOFTWARE UPDATING Rev. 5.05

1. Recognize new models of Texas Crypto DST80 transponders.

From now on, it is possible recognize new 3rd DST 80 Texas Crypto generation transponders inserted into some last launched IVECO models.
This new transponder is an evolution of the old TP28 DST40 used by SUBARU and MITSUBISHI, which has been programmed in this new last revision with DST80 algorithm.
At the moment, new transponders have been detected in these new arrivals:

MARCA	MODELO	AÑO	LLAVE JMA
IVECO	EUROCARGO	2008 -	
IVECO	STRALIS	2008 -	

2. Updating Minor bugs.

Taking advantage of new IVECO keys arrival, we have modified DST80 detection algorithm used into FORD.
Thus, we are able to detect and reject the cloning over TPX2 of those new flip-out remote keys used into different new models like FORD B-MAX, FORD FOCUS 2012, FORD C-MAX, FORD TRANSIT.
Nowadays, No one can clone them.

SOFTWARE UPDATING Rev. 3.08

1. Recognize new models of Texas Crypto DST80 transponders.

From now on, it is possible recognize and differentiate some of the new Texas Crypto (DST 80) keys inserted into new models in brands like FORD or TOYOTA.
New TXT files are being inserted to show the readings and are the following:

TP33	TP33 Texas-Cry 3GEN FORD-Copia sobre TPX2.	Texas Cod. Crypto. 2Gen. Wedge. FORD
	TP33 Texas-Cry 3GEN FORD-Mire manual TP	Texas Cod. Crypto. 3Gen. Wedge. FORD
TP34	TP34 Texas-Cry 3GEN TOYO-Mire Man.TP	Texas Cod. Crypto. 3Gen. Wedge. TOYOTA
	Texas Crypto ++ Mire Manual TP	Texas Cod. Crypto. 3Gen. Wedge. TOYOTA
TP35	TP35 Texas-Cry 3GEN TOYO-Copia en TPX2	Texas Cod. Crypto. Wedge. TOYOTA

2. TRS5000 TPH Cloner firmware Updating.

If we want to clone some of the new keys present in GM vehicles, apart from update TRS 5000 firmware, we also have to modify and upgrade TPH Cloner firmware.

To upload new firmware file, we have to launch (CLONER programmer.exe) PC Software, included into TRS5000 new SETUP.
This program can update both, TRS5000 TPH cloner and also cloner 2 in 1 from new TRS EVO. Customer only must select the right device to be updated.

The TRS5000 TPH Cloner Updating review is the 32.1.7.

SOFTWARE UPDATING Rev. 3.07

1. Recognize and distinguish among different IKT market keys.

After this review, IKT (Intelligent Key Transponder), which are transponder electronic simulation, are fully recognized.
From Now on, it is possible differentiate among IKT models and also copy some of them. (TRS let you know automatically).
The rest of non-clonable IKT keys, are under researching.
New TXT files are being inserted to show the readings and are the following:

TP20 TX-Cry 2GEN	EXAMPLE :STRATEC KEY
IKT-Copy on TPX2	Possible COPY over TPX2.
TP20 TX-Cry 2GEN	EXAMPLE: HUFF KEY.
IKT-SeeManual TP	NOT possible COPY at the moment.

2. Recognize New Texas Crypto transponder used in FORD.

From now on, We are able to differentiate and copy over TPX2, most of these new vehicle models arrived into market with new Texas Crypto transponders generation.
TRS let you know automatically, which could be copy and which not.
Those which cannot, such us (FOB (passive electronic hardware systems) and true 80 bits called types, are under-researching.
New transponder have been updated into JMA list as TP33.
We also supply these new transponder ready to program into cars with any market scanner.
New TXT files are being inserted to show the readings and are the following:

TP33 TX-Cry 3GEN	EXAMPLE :FORD TAURUS 2005 key.
FORD-Cpy on TPX2	Possible COPY over TPX2.
TP33 TX-Cry 3GEN	EXAMPLE: FORD F250 2011 Key.
FORD-SeeManualTP	NOT possible COPY at the moment.

3. Recognize New Texas Crypto transponder used in TOYOTA.

From now on, we are only able to differentiate these new vehicle models arrived into market with new Texas Crypto transponders generation.
The cloning is under researching.
At the moment, only those which wear transponder, will be taken into account.
These new transponders have been updated into JMA list as TP34.
We supply these new transponder ready to program into cars with any market scanner.

New TXT files are being inserted to show the readings and are the following:

TP34 TX-Cry 3GEN	EXAMPLE: TOYOTA AURIS 2011 Key.
TOYO-SeeManualTP	NOT possible COPY at the moment.

4. Use and Recognition of TPX4 with TPH Cloner Updating.

From now on and using this TPX4, we are able to clone the same TPX3 vehicle list and also, the ones were not covered previously (mainly Opel/Vauxhall).
To use TPX4, we need to update not only TRS5000 but also TPH Cloner.
Both Updating programs are included into TRS PC SOFT program.

The cloning with this TPX4 avoids all the warning messages appeared in some vehicles when the OEM key was not fully compatible with TPX3 (such us some Nissan, Renault, Chrysler…).
The updating process let to TPH Cloner + TRS5000 recognize automatically which car needs use TPX4 and which not.

The list of new vehicles covered would be:

BRAND	MODEL	YEAR	JMA KEY
OPEL/VAUXHALL	AGILA	2007	TPX4SUZU-14.P2
OPEL/VAUXHALL	ANTARA	2007	TPX4DAE-4.P1
OPEL/VAUXHALL	ASTRA	2004	TPX4OP-11.P1
OPEL/VAUXHALL	CORSA	2006	TPX4OP-11.P1
OPEL/VAUXHALL	INSIGNA	2008	TPX4OP-11.P1
OPEL/VAUXHALL	MOVANO	2002	TPX4NE-38.P4
OPEL/VAUXHALL	SIGNUM	2003	TPX4OP-11.P1
OPEL/VAUXHALL	SIGNUM	2003-2005	TPX4OP-WH.P
OPEL/VAUXHALL	VECTRA	2002-2004	TPX4OP-WH.P
OPEL/VAUXHALL	VECTRA	2004	TPX4OP-11.P1
OPEL/VAUXHALL	VIVARO	2002	TPX4NE-38.P4
OPEL/VAUXHALL	ZAFIRA	2006	TPX4OP-11.P1
MITSUBISHI	MONTERO	2006	TPX4MIT-12.P2
MITSUBISHI	OUTLANDER	2006	TPX4MIT-8D.P2
HOLDEN	ASTRA	2004	TPX4OP-11.P1
HOLDEN	VECTRA	2004	TPX4OP-11.P1
HOLDEN	ZAFIRA	2004	TPX4OP-11.P1

5. Updating Minor bugs.

5.1. The Message "Needs HW Tuning" must only appear when any TRS is updated with a review bigger than 2.08 and the R22 have not been changed before. This R22 is involved into reading accuracy of new Electronic simulated keys from Philip´s.

Prior to this review, although R22 had changed before, When we proceed to copy in remote mode (PC SOFTWARE) any Philip´s transponder, such us TP01 / TP09 / TP10 / TP13 / TP14 or TP16, appeared "Need HW Tuning" message into Display.
The copy in both cases were done OK, but message could confuse to customer.

5.2. After following customer's suggestions, we included new sounds to remark wrong and successful copy attempts.
From now on:
OK COPY: One long beep, followed by 2 short beeps more, like now.
Wrong COPY: 3 followed long beeps.

5.3. Sometimes, a few problems took place when you tried to clone over blank TPH1, a previous successful copy of TP10 or TP14 made over another TPH1. Some TRS5000 do not let clone it again.

From now on, this have been solved after fixing the timing of Reading/Writing during programming phase of this first Philip´s Crypto generation.

SOFTWARE UPDATING Rev. 3.06

1. Philip´s Crypto I Key Auto-tuned reading procedure.

After this review, an automatic tuned procedure similar to the used one into Philip´s Crypto II systems, have been developed for old Philips Crypto I transponders (TP10/TP13/TP14 and TP16).
This means that at every key reading request, automatic trimming of the antenna procedure is performed.
If you keep pressed READ during the TRS start up, "Display Code" message will appear into Display.
Every time you read a Philip´s Crypto I or II, will be displayed the calibration value, "**Cal+XX**" (where xx is a number between 00 and 08).
This let us know how precise is TRS tuned.
If the value "08" is showed into Display means that the TRS must be turn back to our head-quarter to be re-tuned here.
To have a look into covered models, go into Rev 2.06 header.

SOFTWARE UPDATING Rev. 3.02

1. Fix Bi-Phase encoding cloning procedure over TPX3.

After this review we are ready to clone Bi-Phase encoding Philip´s Crypto II systems (transponders or electronic RKE/PKE).
Some brands, such us Mitsubishi, Honda or some Suzuki, use this type of encoding for binary data streams, instead the most usual Manchester one.

These are some of the Bi-Phase involved vehicles which can be cloned now:

BRAND	MODEL	YEAR	JMA KEY
MITSUBISHI	380	2006 -	TPX3MIT-8D.P2
MITSUBISHI	ECLIPSE	2006 -	TPX3MIT-8D.P2
MITSUBISHI	ENDEAVOR	2003 -	TPX3MIT-8D.P2
MITSUBISHI	GALANT	2006 -	TPX3MIT-8D.P2
MITSUBISHI	GRANDIS	2005 -	
MITSUBISHI	L200	2006 -	TPX3MIT-12.P2
MITSUBISHI	LANCER	2006 -	TPX3MIT-8D.P2
MITSUBISHI	MAGNA	1995-2005	TPX3KI-7.P
MITSUBISHI	MONTERO	2006 -	TPX3MIT-12.P2
MITSUBISHI	OUTLANDER	2006 -	TPX3MIT-8D.P2
MITSUBISHI	PAJERO	2006 -	TPX3MIT-12.P2
SUZUKI	VITARA	2002 – 2008	TPX3SUZU-8.P1
SUZUKI	GRAND VITARA	2002 – 2008	TPX3SUZU-8.P1
SUZUKI	GRAND VITARA	2008 -	TPX3SUZU-14.P2
HONDA	ACCORD	2008 -	TPX3HOND-31.P
HONDA	CR-V	2007 -	TPX3HOND-31.P
HONDA	INSIGHT	2009 -	TPX3HOND-31.P
HONDA	JAZZ	2009 -	TPX3HOND-31.P
HONDA	CR-Z	2010 -	

2. Update minor bugs

Once TRS have turned on, Display used to show “TPH Cloner found” even when there was not any serial cable attached.
This has been fixed in this review
Insert new messages to improve and make easier the TPX3 cloning procedure into the main display Interface flowchart.
It also has changed the TXT files attached to the bin file.

SOFTWARE UPDATING Rev. 3.01

1. Philip´s Crypto II Key Auto-tuned reading procedure

After this review an automatic tuned system run into TRS.
This means that at every key reading request, automatic trimming of the antenna procedure is performed.
If you keep pressed READ during the TRS start up, "Display Code" message will appear into Display.
Every time you read a Philip´s Crypto II, will be displayed the calibration value, "cal+xx" (where xx is a number between 00 and 08).
This let us know how precise is TRS tuned.
If the value "08" is showed into Display means that the TRS must be turn back to our head-quarter to be re-tuned here.

2. Tuned Transponder fix readings after HW changes.

After making R22 change, (to improving Philip´s Crypto II readings), appear some minor cloning problems into TP01 over TP05 transponders.
This have been solved into this new review.

3. New RKE/PKE reading improvement.

From this review, it has completed the acknowledgement of new RKE/PKE electronic keys present into new vehicle models.
From now on, it is possible recognize and show into display the following electronic keys :
PCF7941/ 42/ 46/ 47/ 52/ 61 and GM new type.

SOFTWARE UPDATING Rev. 3.00

1. Philip´s Crypto II key cloning using TPH Cloner

After this review we are ready to clone the second Philips Crypto II generation.
The copy is done over glass tag transponder called TPX3.
To make a copy, the TPH Cloner must be attached to RS232 serial com port of the TRS 5000.
The male –male 9 pin serial cable must be used to communicate TRS and TPH.

During start up of the TRS, a display message "TPH Cloner found" will let us that the device is right link to TRS 5000.
In the following table, there is a general overview about vehicles covered with the new TPX3 transponder:

BRAND	MODEL	YEAR	JMA KEY
ACURA	CSX	2006-2008	TPX3HOND-31.P
ACURA	MDX	2007-2009	TPX3HOND-31.P
ACURA	RDX	2006-2009	TPX3HOND-31.P
ACURA	TL	2004-2006	TPX3HOND-21.P
ACURA	TL	2007-2008	TPX3HOND-31.P
ACURA	TSX	2004-2008	TPX3HOND-21.P
ACURA	TSX	2009	TPX3HOND-31.P
BUICK	ENCLAVE	2007-2009	TPX3GM-37.P
BUICK	LUCERNE	2006-2009	TPX3GM-37.P
CADILLAC	CTS	2008-2009	TPX3GM-37.P
CADILLAC	DTS	2006-2009	TPX3GM-37.P
CADILLAC	ESCALADE	2007-2009	TPX3GM-37.P
CADILLAC	SRX	2007-2009	TPX3GM-37.P
CADILLAC	STS	2004-2009	TPX3GM-37.P
CHEVROLET	AVANLACHE	2007-2009	TPX3GM-37.P
CHEVROLET	COBALT	2006-2009	TPX3GM-37.P
CHEVROLET	EQUINOX	2007-2009	TPX3GM-37.P
CHEVROLET	EXPRESS	2008-2009	TPX3GM-37.P
CHEVROLET	HHR	2006-2009	TPX3GM-37.P
CHEVROLET	IMPALA	2006-2009	TPX3GM-37.P
CHEVROLET	MALIBU	2004-2009	TPX3GM-37.P
CHEVROLET	MONTECARLO	2006-2008	TPX3GM-37.P
CHEVROLET	SILVERADO	2007-2009	TPX3GM-37.P
CHEVROLET	SUBURBAN	2007-2009	TPX3GM-37.P
CHEVROLET	TAHOE	2007-2009	TPX3GM-37.P
CHRYSLER	300/300C	2005-2007	TPX3CHR-15.P
CHRYSLER	ASPEN	2007-2009	TPX3CHR-15.P
CHRYSLER	PACIFICA	2004-2008	TPX3CHR-15.P
CHRYSLER	PT CRUISER	2006-2009	TPX3CHR-15.P
CHRYSLER	SEBRING 4 DOOR	2007-2009	TPX3CHR-15.P

CHRYSLER	SEBRING CONV.	2007-2009	TPX3CHR-15.P
CHRYSLER	TOWN & COUNTY	2004-2007	TPX3CHR-15.P
CITROEN	BERLINGO	2000-2002	TPX3SIX-3.P3
CITROEN	BERLINGO	2002-2005	TPX3CIT-1.P
CITROEN	BERLINGO	2005	TPX3CIT-1.P
CITROEN	C2	2003-2005	TPX3CIT-1.P
CITROEN	C2	2005	TPX3CIT-1.P
CITROEN	C3	2002-2005	TPX3CIT-1.P
CITROEN	C3	2005	TPX3CIT-1.P
CITROEN	C4	2005	TPX3CIT-1.P
CITROEN	C4 PICASSO	2006	TPX3HU-HCA.P
CITROEN	C5	2001-2005	TPX3SIX-3.P3
CITROEN	C5	2005	TPX3CIT-1.P
CITROEN	C6	2006	TPX3CIT-1.P
CITROEN	C8	2003	TPX3HU-HCA.P
CITROEN	SAXO	2000	TPX3SIX-3.P3
CITROEN	XSARA	2000	TPX3SIX-3.P3
CITROEN	XSARA PICASSO	2000	TPX3SIX-3.P3
DODGE	AVENGER	2008-2009	TPX3CHR-15.P
DODGE	CALIBER	2007-2009	TPX3CHR-15.P
DODGE	CARAVAN	2004-2007	TPX3CHR-15.P
DODGE	CHALLENGER	2008-2009	TPX3CHR-15.P
DODGE	CHARGER	2005-2008	TPX3CHR-15.P
DODGE	DAKOTA	2005-2009	TPX3CHR-15.P
DODGE	DURANGO	2004-2008	TPX3CHR-15.P
DODGE	MAGNUM	2005-2007	TPX3CHR-15.P
DODGE	NITRO	2007-2009	TPX3CHR-15.P
DODGE	RAM	2006-2009	TPX3CHR-15.P
DODGE	VOYAGER VAN	2004-2005	TPX3CHR-15.P
FIAT	500	2007-	TPX3FI-16.P
FIAT	BRAVO	2007-	TPX3FI-16.P
FIAT	DOBLO	2006-	TPX3FI-16.P
FIAT	DUCATO	2006-	TPX3FI-16.P
FIAT	FIORINO	2007-	TPX3FI-16.P
FIAT	GRANDE PUNTO	2005-	TPX3FI-16.P
FIAT	IDEA	2009-	TPX3FI-16.P
FIAT	PANDA	2002-	TPX3FI-16.P
FIAT	PUNTO EVO	2009-	TPX3FI-16.P
FIAT	QUBO	2008-	TPX3FI-16.P
FIAT	SCUDO	2007-	TPX3HU-HCA.P
FIAT	SEDICI	2006-	TPX3SUZU-14.P2
FIAT	ULYSSE	2002-	TPX3HU-HCA.P
GMC	ACADIA	2007-2009	TPX3GM-37.P
GMC	DENALI	2007-2009	TPX3GM-37.P
GMC	ENVOY	2007-2009	TPX3GM-37.P
GMC	SAVANA	2007-2009	TPX3GM-37.P
GMC	SIERRA	2007-2009	TPX3GM-37.P

GMC	TERRAIN	2010-	
GMC	YUKON/XL	2007-2009	TPX3GM-37.P
HONDA	ACCORD	2003-2006	TPX3HOND-31.P
HONDA	ACCORD	2008-	TPX3HOND-31.P
HONDA	CBR 600F	1999-	TPX3HOND-24.P1
HONDA	CBR 600RR	2003-	TPX3HOND-24.P1
HONDA	CBR 900	2003-	TPX3HOND-24.P1
HONDA	CBR 1000	2004-	TPX3HOND-24.P1
HONDA	CBR 1100F	1999-	TPX3HOND-24.P1
HONDA	CIVIC	2006-	TPX3HOND-31.P
HONDA	CR-V	2007-	TPX3HOND-31.P
HONDA	HORNET	2003-	TPX3HOND-24.P1
HONDA	INSIGHT	2009-	TPX3HOND-31.P
HONDA	JAZZ	2009-	TPX3HOND-31.P
HONDA	NT 650V	1999-	TPX3HOND-24.P1
HONDA	SHADOW 750	2004-	TPX3HOND-24.P1
HONDA	SILVER WIND	2001-2008	TPX3HOND-24.P1
HONDA	ST1300 PAN-EUR.	2008-	TPX3HOND-24.P1
HONDA	SW-T400	2009-	TPX3HOND-24.P1
HONDA	VARADERO	2003-	TPX3HOND-24.P1
HONDA	VT 750 C4	2004-	TPX3HOND-24.P1
HONDA	VTX 1800	2002-	TPX3HOND-24.P1
HONDA	X 11	2001-	TPX3HOND-24.P1
HONDA (AUS)	CIVIC	2003-	TPX3HOND-31.P
HONDA (AUS)	MDX	2003-	TPX3HOND-31.P
HONDA (USA)	ACCORD	2003-2010	TPX3HOND-31.P
HONDA (USA)	CIVIC	2006-2010	TPX3HOND-31.P
HONDA (USA)	CR-V	2007-2010	TPX3HOND-31.P
HONDA (USA)	ELEMENT	2006-2010	TPX3HOND-31.P
HONDA (USA)	FIT	2009-2010	TPX3HOND-31.P
HONDA (USA)	INSIGHT	2010-	TPX3HOND-31.P
HONDA (USA)	ODYSSEY	2005-2010	TPX3HOND-31.P
HONDA (USA)	PILOT	2006-2010	TPX3HOND-31.P
HONDA (USA)	RIDGELINE	2005-2010	TPX3HOND-31.P
HUMMER	H2	2008-2009	TPX3GM-37.P
HUMMER	H2 SUT	2008-2009	TPX3GM-37.P
HYUNDAI	ACCENT	1999	TPX3HY-4.P1
HYUNDAI	ATOS	2000	
HYUNDAI	AZERA	2006	TPX3KI-7.P
HYUNDAI	COUPE	2001	TPX3HY-4.P1
HYUNDAI	ELANTRA	2000-2006	TPX3HY-4.P1
HYUNDAI	ELANTRA	2007	TPX3HY-11D.P1
HYUNDAI	ELANTRA NEOS	2007	TPX3KI-7.P
HYUNDAI	ENTOURAGE	2007	TPX3HY-11.P1
HYUNDAI	EXCEL	1999	TPX3HY-4.P1
HYUNDAI	GENESIS	2009	TPX3KI-7.P
HYUNDAI	GETZ	2002-2009	TPX3HY-4.P1

HYUNDAI	GRANDEUR	2006	TPX3KI-7.P
HYUNDAI	H-1	2006	TPX3HY-4.P1
HYUNDAI	H-1 BUS	2008	TPX3HY-11.P1
HYUNDAI	I10	2008	TPX3HY-11.P1
HYUNDAI	I20	2008	TPX3KI-7.P
HYUNDAI	I30	2007	TPX3KI-7.P
HYUNDAI	LAVITA	2001	TPX3HY-4.P1
HYUNDAI	MATRIX	2002	TPX3HY-4.P1
HYUNDAI	SANTAFE	2002-2006	TPX3HY-4.P1
HYUNDAI	SANTAFE	2006	TPX3HY-11D.P1
HYUNDAI	SONATA	2005	TPX3HY-11D.P1
HYUNDAI	TERRACAN	2001-2007	TPX3HY-4.P1
HYUNDAI	TIBURON	2001	TPX3HY-4.P1
HYUNDAI	TUCSON	2005	TPX3HY-4.P1
HYUNDAI	VERACRUZ	2007	TPX3HY-11D.P1
HYUNDAI	VERNA	1999	TPX3HY-4.P1
HYUNDAI (USA)	AZERA	2006-2010	TPX3TOYO-36.P
HYUNDAI (USA)	GENESIS 4 DOOR	2009-2010	TPX3TOYO-36.P
HYUNDAI (USA)	GENESIS COUPE	2010	TPX3HY-11D.P1
HYUNDAI (USA)	SANTAFE	2007-2010	TPX3HY-11D.P1
HYUNDAI (USA)	TIBURON (CAN)	2002-2003	TPX3HY-4.P1
INFINITI (NS)	FX35	2003-2008	TPX3DAT-15.P4
INFINITI (NS)	FX45	2003-2008	TPX3DAT-15.P4
INFINITI (NS)	G35	2003-2007	TPX3DAT-15.P2
INFINITI (NS)	QX56	2004-2007	TPX3DAT-15.P2
IVECO	35 C11	2000	TPX3FI-11.P5
IVECO	EUROSTAR	1998	TPX3FI-11.P5
IVECO	NEW DAILY	1998	TPX3FI-11.P5
IVECO	S 2000	1998	TPX3FI-11.P5
JEEP	COMMANDER	2006-2007	TPX3CHR-15.P
JEEP	COMMANDER	2008-2010	TPX3CHR-15.P1
JEEP	COMPASS	2007-2010	TPX3CHR-15.P
JEEP	G.CHEROKEE	2005-2007	TPX3CHR-15.P
JEEP	G.CHEROKEE	2007-2010	TPX3CHR-15.P1
JEEP	LIBERTY	2005-2010	TPX3CHR-15.P
JEEP	PATRIOT	2007-2010	TPX3CHR-15.P
JEEP	WRANGLER	2007-2009	TPX3CHR-15.P
KIA	AMANTI	2007	TPX3KI-7.P
KIA	CARENS	2001-2006	TPX3KI-2D.P
KIA	CARENS	2006	TPX3HY-11.P1
KIA	CARNIVAL	2002-2005	TPX3KI-2D.P
KIA	CARNIVAL	2006	TPX3HY-11.P1
KIA	CEE´D	2007	TPX3KI-7.P
KIA	CEE´D SW	2007	TPX3KI-7.P
KIA	MAGENTIS	2001-2006	TPX3KI-2D.P
KIA	MAGENTIS	2006	TPX3HY-11D.P1
KIA	MENTOR	2002-2004	TPX3KI-2D.P

KIA	MORNING	2006	TPX3HY-4.P1
KIA	OPTIMA	2001-2006	TPX3KI-2D.P
KIA	OPTIMA	2006	TPX3HY-11.P1
KIA	PICANTO	2004-2008	TPX3HY-4.P1
KIA	PICANTO	2008	TPX3KI-7.P
KIA	RIO	2006	TPX3HY-12.P1
KIA	SEDONA	2002-2005	TPX3KI-2D.P
KIA	SEDONA	2006	TPX3HY-11.P1
KIA	SEPHIA	2002-2004	TPX3KI-2D.P
KIA	SORENTO	2002-2009	TPX3HY-6D.P1
KIA	SORENTO	2010	TPX3KI-7.P
KIA	SOUL	2009	TPX3HY-11D.P1
KIA	SPORTAGE	2004	TPX3HY-4.P1
KIA (USA)	AMANTI	2007-2009	TPX3KI-7.P
KIA (USA)	BORREGO	2009-2010	TPX3TOYO-36.P
KIA (USA)	SEDONA	2006-2009	TPX3HY-11D.P1
LANCIA	DELTA	2008	TPX3FI-16.P
LANCIA	PHEDRA	2002	TPX3HU-HCA.P
MITSUBISHI	380	2006	TPX3MIT-8D.P2
MITSUBISHI	COLT	2004	TPX3HU-DH.P1
MITSUBISHI	ECLIPSE	2006	TPX3MIT-8D.P2
MITSUBISHI	ENDEAVOR	2006	TPX3MIT-8D.P2
MITSUBISHI	GALANT	2006	TPX3MIT-8D.P2
MITSUBISHI	L200	2006	TPX3MIT-12.P2
MITSUBISHI	LANCER	2006	TPX3MIT-8D.P2
MITSUBISHI	MAGNA	1999-2005	TPX3KI-7.P
MITSUBISHI	MONTERO	2006	TPX3MIT-12.P2
MITSUBISHI	OUTLANDER	2006	TPX3MIT-8D.P2
MITSUBISHI	PAJERO	2006	TPX3MIT-12.P2
MITSUBISHI	SPACE STAR	1999-2005	TPX3HU-DH.P1
MITSUBISHI (AUS)	VERADA	2000-2002	TPX3KI-7.P
MITSUBISHI (USA)	ECLIPSE	2006-2007	TPX3MIT-18.P
MITSUBISHI (USA)	ECLIPSE	2008-2009	TPX3MIT-8D.P2
MITSUBISHI (USA)	ENDEAVOR	2006	TPX3MIT-18.P
MITSUBISHI (USA)	ENDEAVOR	2007-2009	TPX3MIT-8D.P2
MITSUBISHI (USA)	GALANT	2004-2006	TPX3MIT-18.P
MITSUBISHI (USA)	GALANT	2007-2009	TPX3MIT-8D.P2
MITSUBISHI (USA)	LANCER	2008-2009	TPX3MIT-8D.P2
MITSUBISHI (USA)	OUTLANDER	2004-2009	TPX3MIT-8D.P2
MITSUBISHI (USA)	RAIDER	2006-2008	TPX3CHR-15.P
NISSAN	ALMERA TINO	2004	TPX3DAT-15.P2
NISSAN	ALTIMA	2005	TPX3DAT-15.P2
NISSAN	ARMADA	2004	TPX3DAT-15.P2
NISSAN	INTERSTAR	2002	TPX3NE-38.P4
NISSAN	MICRA	2003	TPX3DAT-6.P2
NISSAN	MICRA	2003	TPX3DAT-15.P2
NISSAN	NAVARA	2006	TPX3DAT-15.P2

NISSAN	NOTE	2006	TPX3DAT-15.P2
NISSAN	PATHFINDER	2005	TPX3DAT-15.P2
NISSAN	PRIMASTAR	2003	TPX3NE-38.P4
NISSAN	PRIMERA	2002	TPX3DAT-15.P2
NISSAN	QASHQAI	2007	TPX3DAT-15.P2
NISSAN	QUEST	2004	TPX3DAT-15.P2
NISSAN	TITAN	2004	TPX3DAT-15.P2
NISSAN	X-TERRA	2005	TPX3DAT-15.P2
NISSAN (USA)	350 Z	2003-2008	TPX3DAT-15.P3
NISSAN (USA)	ALTIMA	2005-2006	TPX3DAT-15.P3
NISSAN (USA)	ARMADA	2004-2010	TPX3DAT-15.P3
NISSAN (USA)	CUBE	2009	TPX3DAT-15.P3
NISSAN (USA)	FRONTIER	2006-2010	TPX3DAT-15.P3
NISSAN (USA)	MAXIMA	2004-2006	TPX3DAT-15.P3
NISSAN (USA)	MURANO	2003-2008	TPX3DAT-15.P3
NISSAN (USA)	PATHFINDER	2005-2010	TPX3DAT-15.P3
NISSAN (USA)	QUEST	2004-2009	TPX3DAT-15.P3
NISSAN (USA)	ROGUE	2008-2009	TPX3DAT-15.P3
NISSAN (USA)	SENTRA	2007-2009	TPX3DAT-15.P3
NISSAN (USA)	TITAN	2004-2009	TPX3DAT-15.P3
NISSAN (USA)	VERSA	2007-2009	TPX3DAT-15.P3
NISSAN (USA)	X-TERRA	2005-2009	TPX3AT-15.P3
OPEL-VAUXHALL	AGILA	2007	TPX3SUZU-14.P2
OPEL-VAUXHALL	ANTARA	2007	TPX3DAE-4.P1
OPEL-VAUXHALL	ASTRA	2004	TPX3OP-11.P1
OPEL-VAUXHALL	CORSA	2006	TPX3OP-11.P1
OPEL-VAUXHALL	INSIGNA	2008	TPX3OP-11.P1
OPEL-VAUXHALL	MOVANO	2002	TPX3NE-38.P4
OPEL-VAUXHALL	SIGNUM	2003	TPX3OP-11.P1
OPEL-VAUXHALL	SIGNUM	2003-2005	TPX3OP-WH.P
OPEL-VAUXHALL	VECTRA	2002-2004	TPX3OP-WH.P
OPEL-VAUXHALL	VECTRA	2004	TPX3OP-11.P1
OPEL-VAUXHALL	VIVARO	2002	TPX3NE-38.P4
OPEL-VAUXHALL	ZAFIRA	2006	TPX3OP-11.P1
PEUGEOT	106	2000	TPX3NE-36.P2
PEUGEOT	206	2001	TPX3NE-36.P2
PEUGEOT	206 CABRIO	2002	TPX3NE-36.P2
PEUGEOT	207	2006	TPX3HU-HCA.P
PEUGEOT	307	2001-2009	TPX3HU-HCA.P
PEUGEOT	308	2007	TPX3HU-HCA.P
PEUGEOT	407	2004	TPX3CIT-1.P
PEUGEOT	807	2002	TPX3HU-HCA.P
PEUGEOT	1007	2005	TPX3CIT-1.P
PEUGEOT	3008	2009	TPX3HU-HCA.P
PEUGEOT	4007	2007	TPX3MIT-8D.P2
PEUGEOT	5008	2009	TPX3HU-HCA.P
PEUGEOT	BIPPER	2009	TPX3FI-16.P

PEUGEOT	BOXER	2006	TPX3FI-16.P
PEUGEOT	EXPERT	2007	TPX3HU-HCA.P
PEUGEOT	PARTNER	2002	TPX3CIT-1.P
PEUGEOT	RANCH	2002-2007	TPX3CIT-1.P
PONTIAC	G5	2007-2010	TPX3GM-37.P
PONTIAC	G6	2005-2010	TPX3GM-37.P
PONTIAC	PURSUIT	2006-2008	TPX3GM-37.P
PONTIAC	SOLSTICE	2006-2009	TPX3GM-37.P
PONTIAC	TORRENT	2007-2009	TPX3GM-37.P
RENAULT	CLIO II FASE2	2001-2005	TPX3NE-38.P4
RENAULT	CLIO III	2006	TPX3CIT-1.P
RENAULT	KANGOO	2001	TPX3VA-34.P4
RENAULT	MASTER	2002	TPX3NE-38.P4
RENAULT	MODUS	2004	TPX3CIT-1.P
RENAULT	TRAFIC	2002	TPX3NE-38.P4
RENAULT	TWINGO	2007	TPX3CIT-1.P
DACIA (REN)	LOGAN	2006	TPX3VA-34.P4
DACIA (REN)	SANDERO	2009	TPX3VA-34.P4
DACIA (REN)	SOLENZA	1998-2000	TPX3DAC-3D.P4
DACIA (REN)	SYMPOL	2010	TPX3VA-34.P4
SATURN	ASTRA	2008-2009	TPX3OP-11.P1
SATURN	AURA	2007-2010	TPX3GM-37.P
SATURN	OUTLOOK	2007-2010	TPX3GM-37.P
SATURN	SKY	2006-2009	TPX3GM-37.P
SATURN	VUE	2008-2010	TPX3DAE-4.P1
SUZUKI	GRAND VITARA	2002-2008	TPX3SUZU-8.P1
SUZUKI	GRAND VITARA	2008	TPX3SUZU-14.P2
SUZUKI	SPLASH	2008	TPX3SUZU-14.P2
SUZUKI	SWIFT	2005	TPX3SUZU-14.P2
SUZUKI	SX4	2006	TPX3SUZU-14.P2
SUZUKI	VITARA	2002-2008	TPX3SUZU-8.P1
SUZUKI (INDIA)	MARUTI ESTEEM	2007	TPX3SUZU-14.P2
SUZUKI (INDIA)	MARUTI SWIFT	2007	TPX3SUZU-14.P2
SUZUKI (INDIA)	MARUTI SX4	2007	TPX3SUZU-14.P2
SUZUKI (USA)	EQUATOR	2009-2010	TPX3DAT-15.P3
SUZUKI (USA)	XL7	2007-2009	TPX3GM-37.P

2. Updating of the new GM Remote keys.

Updating of new keys launched into some American 2010 vehicles such us GM Terrain, Chevy Equinox or Chevy Camaro.
The challenge –response time is slightly different from standard Philip´s Crypto vehicles present into rest of the market.
This timing has been adjusted in this new release.

3. TRS 5000 HW Updating.

To cover the accuracy needed to read new RKE (Remote Keyless Entry) and PKE (passive Keyless Entry) electronic pcb simulations, we have to enhance our hardware to make possible the cloning over TPX3.
This HW change of the R22, have affected mainly to whole reading routines of the rest of transponders.
This all have been solved into this new release.

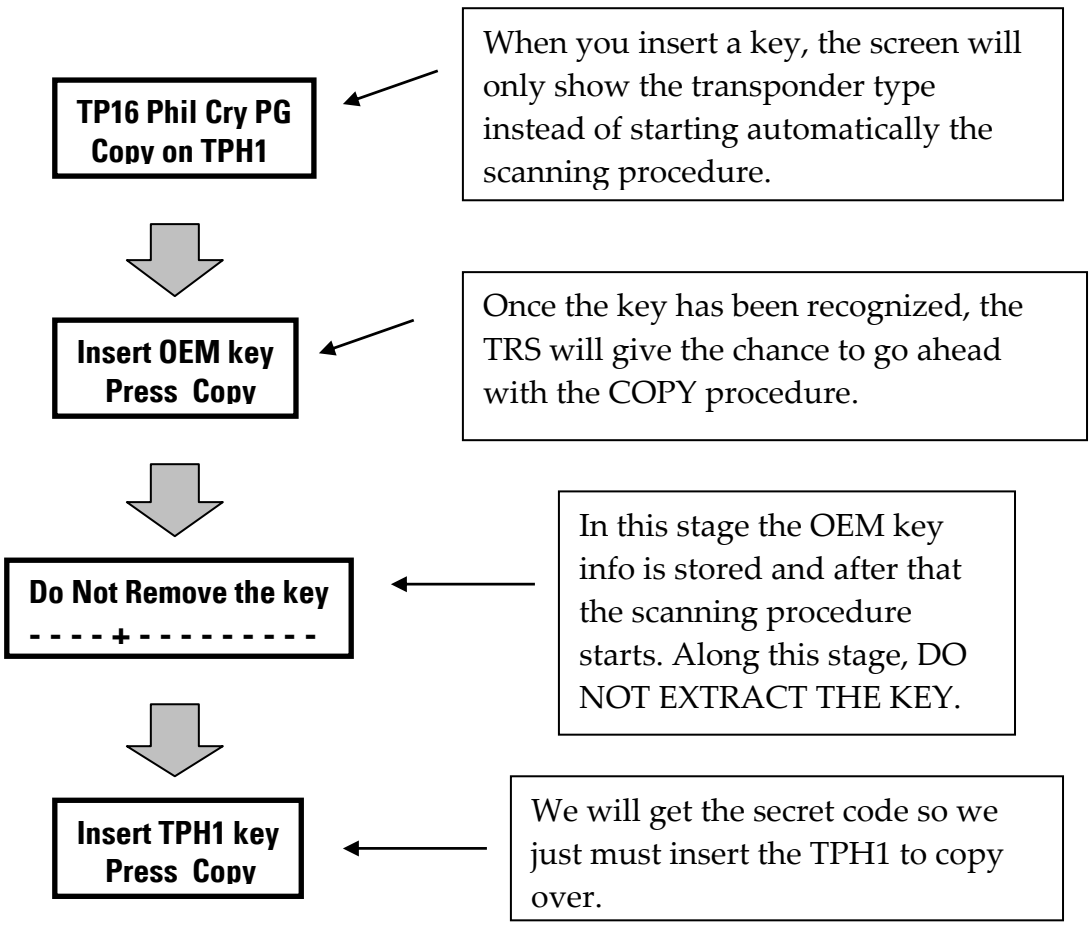
SOFTWARE UPDATING Rev. 2.08

1. NEW COPY PROCEDURE FOR TP16

In order to avoid some problems detected in the copying of TP16, in this new review we have re-designed the whole TP16 copy procedure (In the 2.071 review, we removed temporarily the cloning of the TP16 until this new version was ready).

When we proceed to clone a TP16, it is very important not to extract the key until the scanning has been completed. The reading process does not take a fixed time and some customers may extract the key or switch On and Off the TRS machine thinking that the device is not working properly. This can damage the original OEM key.

We have changed the reading sequence of TP16 which now takes the following steps:



2. TP16 RESTORE FUNCTION

If the customer extracts the key during the secret code search, the key could be damaged. In order to avoid this, we have developed a "TP16 RESTORE" function that you will find inside the key scroll down menu (in the left side of the PC screen).

Therefore, even if the user makes something wrong, he just must insert the OEM TP16 key in the TRS and press the RESTORE KEY button to regenerate the OEM key.

PLEASE NOTE: This function only works in PC Mode.

3. FIX CODE GENERATION

For cases where all the keys of a vehicle using fix code transponders are lost, we have developed a solution using the FIX CODE GENERATION function. With this application, now it is possible to generate a mask to copy over TP05 and program this pre-coded transponder into the car using any scanner. Depending on the immobilizer used by the car manufacturer, there are different masks to be used. Most of them are randomly self-generated.
In the following tables, we show the relationship between different vehicles and types of transponders-Immobilizers used.

BRAND	MODEL	YEAR	MODEL TO SELECT
AUDI	80	1996-	MEGAMOS
AUDI	A3	1996-1997	MEGAMOS
AUDI	A4	1995-1997	MEGAMOS
AUDI	A6	1995-1997	MEGAMOS
AUDI	A8	1995-1997	MEGAMOS
AUDI	CABRIO	1995-1997	MEGAMOS
AUDI	COUPE	1995-1997	MEGAMOS
AUDI	COUPE S2	1995-1997	MEGAMOS
AUDI	S6	1995-1997	MEGAMOS
FIAT	BARCHETTA	1995 - 2002	MEGAMOS
FIAT	BRAVA	1995 - 1996	MEGAMOS
FIAT	BRAVO	1995 - 1996	MEGAMOS
FIAT	CINQUECENTO	1995 - 1998	MEGAMOS
FIAT	DUCATO	1996 - 2001	MEGAMOS
FIAT	MARENGO	1996 -	MEGAMOS
FIAT	PANDA	1995 - 2002	MEGAMOS
FIAT	PUNTO	1995 - 1999	MEGAMOS
FIAT	SEICENTO	1997 - 2000	MEGAMOS
FIAT	TEMPRA	1995 - 1996	MEGAMOS
HONDA	ACCORD COUPE	1995 -	MEGAMOS
HONDA	ACCORD COUPE	1995 -	MEGAMOS

HONDA	CIVIC	1995 - 2001	MEGAMOS
HONDA	CR-V	1997 -2002	MEGAMOS
HONDA	INTEGRA	1998 - 2001	MEGAMOS
HONDA	LEGEND	1997 -	MEGAMOS
HONDA	SHUTTLE	1995 - 2000	MEGAMOS
HONDA USA	PRELUDE	1997 - 2001	MEGAMOS
HONDA AUS	JAZZ	2001 -	MEGAMOS
JAGUAR	SOVEREIGN	1996 -	MEGAMOS
JAGUAR	XJ / XJS / XK8	1998 - 1999	MEGAMOS
LANCIA	DEDRA	1995 - 1997	MEGAMOS
LANCIA	DELTA	1995 -	MEGAMOS
OPEL	FRONTERA	1996 - 1999	MEGAMOS
PEUGEOT	BOXER	1996 - 2001	MEGAMOS
SKODA	OCTAVIA	1997 - 2001	MEGAMOS

BRAND	MODEL	YEAR	MODEL TO SELECT
CADILLAC	CATERA	1997-1999	SIEMENS-OPEL (S-O)
OPEL	ASTRA	1995 – 1998	SIEMENS-OPEL (S-O)
OPEL	CALIBRA	1995 – 1998	SIEMENS-OPEL (S-O)
OPEL	COMBO	1998 – 2002	SIEMENS-OPEL (S-O)
OPEL	CORSA	1995 – 1998	SIEMENS-OPEL (S-O)
OPEL	MOVANO	1998 – 2003	SIEMENS-OPEL (S-O)
OPEL	OMEGA	1995 -	SIEMENS-OPEL (S-O)
OPEL	SINTRA	1997 -	SIEMENS-OPEL (S-O)
OPEL	TIGRA	1995 – 1998	SIEMENS-OPEL (S-O)
OPEL	VECTRA	1995 – 1998	SIEMENS-OPEL (S-O)
RENAULT	MASTER	1999 – 2000	SIEMENS-OPEL (S-O)

BRAND	MODEL	YEAR	MODEL TO SELECT
FIAT	COUPE	1995 - 2000	BOSCH – FIAT (B – F)
FIAT	CROMA	1995 - 1997	BOSCH – FIAT (B – F)
LANCIA	K	1995 – 2001	BOSCH – FIAT (B – F)
LANCIA	K COUPE	1997 - 2001	BOSCH – FIAT (B – F)

BRAND	MODEL	YEAR	MODEL TO SELECT
DAEWO	ESPERO	1995-1997	MEGAMOS VDO (M-V)
DAEWO	LANOS	1997-2002	MEGAMOS VDO (M-V)
DAEWO	LEGANZA	1997-2000	MEGAMOS VDO (M-V)
DAEWO	MATIZ	1998-2000	MEGAMOS VDO (M-V)
DAEWO	NEXIA	1995-1997	MEGAMOS VDO (M-V)
DAEWO	NUBIRA	199-2000	MEGAMOS VDO (M-V)

MERCEDES	VITO	1998 -	MEGAMOS VDO (M-V)
MERCEDES	ACTROS	1997 -	MEGAMOS VDO (M-V)

BRAND	MODEL	YEAR	MODEL TO SELECT
CITROEN	BERLINGO	1998-2001	PSA – CPH (G-C)
CITROEN	EVASION	1998 -	PSA – CPH (G-C)
CITROEN	JUMPY	1998 – 2001	PSA – CPH (G-C)
CITROEN	XANTIA	1998 – 1999	PSA – CPH (G-C)
CITROEN	XSARA	1998 – 2001	PSA – CPH (G-C)
FIAT	SCUDO	1996 – 2001	PSA – CPH (G-C)
PEUGEOT	306	1997 -	PSA – CPH (G-C)
PEUGEOT	406	1997 – 1999	PSA – CPH (G-C)
PEUGEOT	806	1998 -	PSA – CPH (G-C)
PEUGEOT	PARTNER	1998 – 2001	PSA – CPH (G-C)
PEUGEOT	RANCH	1998 – 2001	PSA – CPH (G-C)

BRAND	MODEL	YEAR	MODEL TO SELECT
CITROEN	BERLINGO	1998-2001	PSA – VALEO (G-V)
CITROEN	SAXO	1998 – 2000	PSA – VALEO (G-V)
FIAT	SCUDO	1996 - 2001	PSA – VALEO (G-V)
PEUGEOT	106	1997 - 2000	PSA – VALEO (G-V)
PEUGEOT	406	1997 - 1999	PSA – VALEO (G-V)
PEUGEOT	PARTNER	1998 - 2001	PSA – VALEO (G-V)
PEUGEOT	RANCH	1998 - 2001	PSA – VALEO (G-V)

BRAND	MODEL	YEAR	MODEL TO SELECT
FIAT	BRAVA	1997 - 2001	TEMIC- FIAT (T – F)
FIAT	BRAVO	1997 - 2001	TEMIC- FIAT (T – F)
FIAT	FIORINO	1995 -	TEMIC- FIAT (T – F)
FIAT	MAREA	1996 - 2002	TEMIC- FIAT (T – F)
FIAT	PALIO	1996 - 2001	TEMIC- FIAT (T – F)
LANCIA	DEDRA	1997 - 1999	TEMIC- FIAT (T – F)
LANCIA	Y	1995 - 2003	TEMIC- FIAT (T – F)
SEAT	MARBELLA	1997 -	TEMIC- FIAT (T – F)

BRAND	MODEL	YEAR	MODEL TO SELECT
FORD	GALAXY	1995 - 1998	SIEMENS -VW (S – V)
SEAT	ALHAMBRA	1996 - 1998	SIEMENS -VW (S – V)
SEAT	AROSA	1997 - 1999	SIEMENS -VW (S – V)
SEAT	CORDOBA	1995 - 1998	SIEMENS -VW (S – V)

SEAT	**IBIZA**	**1995 – 1998**	SIEMENS -VW (S – V)
SEAT	**INCA**	**1996 - 1998**	SIEMENS -VW (S – V)
SEAT	**TOLEDO**	**1995 - 1999**	SIEMENS -VW (S – V)
VW	**CADDY**	**1995 - 1999**	SIEMENS -VW (S – V)
VW	**GOLF**	**1995 - 1998**	SIEMENS -VW (S – V)
VW	**GOLF CABRIO**	**1995 - 1998**	SIEMENS -VW (S – V)
VW	**PASSAT**	**1995 - 1997**	SIEMENS -VW (S – V)
VW	**POLO**	**1995 - 1998**	SIEMENS -VW (S – V)
VW	**SHARAN**	**1995 - 1998**	SIEMENS -VW (S – V)
VW	**TRANSPORTER**	**1995 - 1998**	SIEMENS -VW (S – V)
VW	**VENTO**	**1995 - 1998**	SIEMENS -VW (S – V)
SKODA	**FELICIA**	**1996 - 1999**	SIEMENS -VW (S – V)
SKODA	**PICK-UP**	**1996 - 1998**	SIEMENS -VW (S – V)

BRAND	**MODEL**	**YEAR**	**MODEL TO SELECT**
NISSAN	**MAXIMA**	**1995 - 1999**	NISSAN (N – N)
NISSAN	**MICRA**	**1996 - 1998**	NISSAN (N – N)
NISSAN	**MICRA MARCH**	**1996 – 1998**	NISSAN (N – N)
NISSAN	**NX ALMERA**	**1995 - 1998**	NISSAN (N – N)
NISSAN	**PRIMERA**	**1995 - 1998**	NISSAN (N – N)
NISSAN	**PULSAR**	**1995 - 1998**	NISSAN (N – N)
NISSAN	**SERENA**	**1996 -**	NISSAN (N – N)
NISSAN	**SUNNY**	**1996 -**	NISSAN (N – N)
NISSAN	**TERRANO II**	**1995 - 1998**	NISSAN (N – N)
NISSAN	**VANETTE**	**1996 - 1999**	NISSAN (N – N)
NISSAN USA	**MAXIMA**	**1995 - 2000**	NISSAN (N – N)

PLEASE NOTE: This function only works in PC Mode.

4. UNLOCK TP08

After this review, apart from reading the TP08, the screen will also show if the transponder introduced is locked or unlocked. The message shown if it is locked will be the following:

"LCK TP08MEG CRY"
"SEE MANUAL TP"

And if the TP08 is unlocked, the message shown would be :

" TP08MEG CRY"
"SEE MANUAL TP"

Moreover, after this review it will be also possible to UNLOCK some TP08 which are usually locked by some manufacturers (e.g. FIAT).
Therefore, this chip can be used again to program it in any other car.
This application can be very useful in the case of used transponders obtained in places such as scrap yards.

PLEASE NOTE: This function only works in PC Mode.

5. SAAB CRYPTO 8D

After this review this SAAB Remote Electronic key (the 3 button model) will be identified as "**SAAB Crypto**", but it will not be possible to make a copy or use a transponder to program it into the car using the TRS (Only OEM keys and scanner devices can be used for this purpose).

6. SAAB FIX TP03

After this review we will identify as **"TP03 Megamos Fix"**, the SAAB Remote Electronic key (also the 3 button model).

PLEASE NOTE: It is possible make a copy over new Sokymat TP05, but even when the copy is well done, the engine does not work.
Only in very old Switzerland Sokymat transponder model works.

7. Change the TP03 Code Displayed.

After this review we will identify all TP03 with its IMMO Code instead of the whole memory without any synchronism pattern.

8. Fix TP14 Reading Problems

After this review the TP14 reading procedure has been improved and this let us clone some car keys which caused us cloning problems in the previous review. (e.g. Seat Inca / VW Transporter / Ford Galaxy, mainly from 2001).

SOFTWARE UPDATING Rev. 2.07

1. New TEXAS CRYPTO ++ keys detection

Even though it was possible to detect this kind of keys in the 2.06 Rev, we have now repaired and completed the function.
In this way, we now avoid the waste of cutting a key or cloning a TPX2 for nothing.
The new Electronic remote keys, also known as IKT keys in USA, simulate a Texas Crypto, but as they use a microcontroller instead of a Transponder, this does not let us make a copy over TPX2.
After this review we identify as "**Texas Crypt ++"** (6F in other devices), these new type of keys, present in models such as Mercury Milan, Ford Taurus X, Lincoln, etc.

2. Fix TP05 Blank copy procedure.

In the 2.06 review, after making several changes into the source code, we started to have problems in the cloning of blank TP05. This was repaired in the 2.70 version.

SOFTWARE UPDATING Rev. 2.06

1. TP32 SOKYMAT CRYPTO

After this review we **identify** as "**TP32 SOKY Crypto**" this new transponder.
It is used in some new HONDA vehicles and also in the AUDI A6.
The list of Vehicles involved is:

BRAND	MODEL	YEAR	JMA KEY
AUDI	A6	1998-2000	TP32HOND-31P
HONDA	ACCORD	2006-2008	TP32HOND-31P
HONDA	FR-V	2007	TP32HOND-31P
HONDA	JAZZ	2006	TP32HOND-31P
HONDA	LEGEND	2007	TP32HOND-31P
HONDA	S-2000	2006	TP32HOND-31P
HONDA (USA)	FIT	2007	TP32HOND-31P
HONDA (USA)	S-2000	2006	TP32HOND-31P

2. TP10 PHILIPS CRYPTO COPY

After this review we can **clone** the TP10 mainly present in VAG group vehicles.
The copy is done over TPH1.
The list of vehicles involved is:

BRAND	MODEL	YEAR	JMA KEY
FORD	GALAXY	1998-2000	TPH1HU-HAA.P1
SEAT	ALHAMBRA	1998-2000	TPH1HU-HAA.P1
SEAT	ALHAMBRA	1998-2000	TPH1HU-HAA.TLV
SEAT	AROSA	1998-2000	TPH1HU-HAA.P1
SEAT	CORDOBA	1998-2002	TPH1HU-HAA.P1
SEAT	IBIZA	1998-1999	TPH1HU-HAA.P1
SEAT	INCA	1998-2000	TPH1HU-HAA.P1
SEAT	VARIO	1998-1999	TPH1HU-HAA.P1
VOLKSWAGEN	CADDY	1998-2000	TPH1VO-2.P
VOLKSWAGEN	LUPO	1998-2000	TPH1HU-HAA.P1
VOLKSWAGEN	POLO	1998-2000	TPH1HU-HAA.P1
VOLKSWAGEN	POLO	1998-2000	TPH1HU-HAA.TLV
VOLKSWAGEN	SHARAN	1998-2000	TPH1HU-HAA.P1
VOLKSWAGEN	SHARAN	1998-2000	TPH1HU-HAA.TLV
VOLKSWAGEN	TRANSPORTER	1998-2000	TPH1VO-2.P
VOLKSWAGEN	TRANSPORTER	1998-2000	TPH1VO-2.P

3. TP16 PHILIPS CRYPTO COPY

After this review we can **clone** the TP16 mainly present in PSA group vehicles.
The copy is done over the TPH1.
The list of vehicles involved is:

BRAND	MODEL	YEAR	JMA KEY
PEUGEOT	206	1998-2000	TPH1NE-36.P2
PEUGEOT	406	1999-2001	TPH1NE-51.P2

4. TP14 PHILIPS CRYPTO COPY

After this review we can **clone** some TP14 used mainly in VAG group vehicles from 2000 to 2005.
Just after reading the key, the TRS will let you know if it is possible to clone the key or not, displaying the following messages:

1) TP14 Phil Cry WS // CanNot Duplicate
2) TP14 Phil Cry WS // Copy on TPH1.

The list of vehicles involved is:

BRAND	MODEL	YEAR	JMA KEY
FORD	**GALAXY**	**2000-2006**	TPH1HU-HAA.P1
SEAT	**ALHAMBRA**	**2000**	TPH1HU-HAA.P1
SEAT	**ALHAMBRA**	**2000**	TPH1HU-HAA.TLN
SEAT	**AROSA**	**2000**	TPH1HU-HAA.P1
SEAT	**INCA**	**2000**	TPH1HU-HAA.P1
VOLKSWAGEN	**CADDY**	**2000-2003**	TPH1VO-2.P
VOLKSWAGEN	**GOLF CABRIO**	**2000-2004**	TPH1HU-HAA.P1
VOLKSWAGEN	**LUPO**	**2000**	TPH1HU-HAA.P1
VOLKSWAGEN	**POLO**	**2000-2002**	TPH1HU-HAA.P1
VOLKSWAGEN	**POLO**	**2000-2002**	TPH1HU-HAA.TLN
VOLKSWAGEN	**SHARAN**	**2000**	TPH1HU-HAA.P1
VOLKSWAGEN	**SHARAN**	**2000**	TPH1HU-HAA.TLN
VOLKSWAGEN	**TRANSPORTER**	**2001-2004**	TPH1HU-HAA.P1

SOFTWARE UPDATING Rev. 2.05

1. TP29 TEXAS CRYPTO LEXUS / TOYOTA

After this review we **identify** as "**TP29 TxCr LX/TOY**" this new and common transponder.
It is mainly used in LEXUS / TOYOTA vehicles.
Apart from the Proximity FOB (electronic hardware), the rest of keys are possible to **clone** over TPX2.
We also supply this transponder as ready to program into the cars as TP29.
The list of vehicles involved is:

BRAND	MODEL	YEAR	JMA KEY
LEXUS	ES330	2004-2006	TP29TOYO-30.P
LEXUS	ES330	2004-2006	TP29TOYO-36.P
LEXUS	ES350	2006	TP29TOYO-30.P
LEXUS	ES350	2006	TP29TOYO-36.P
LEXUS	ES350	2007	PROX. FOB
LEXUS	GS300	2005	PROX. FOB
LEXUS	GS350	2007	PROX. FOB
LEXUS	GS430	2005-2007	PROX. FOB
LEXUS	GS450H	2007	-
LEXUS	GS460	2007	-
LEXUS	GX470	2003-2006	TP29TOYO-30.P
LEXUS	GX470	2003-2006	TP29TOYO-36.P
LEXUS	IS220D	2005	KEY REMOTE
LEXUS	IS250	2005	PROX. FOB
LEXUS	IS250	2006	TP29TOYO-30.P
LEXUS	IS250	2006	TP29TOYO-36.P
LEXUS	IS300	2005	KEY REMOTE
LEXUS	IS350	2005	PROX. FOB
LEXUS	IS350	2006	TP29TOYO-30.P
LEXUS	IS350	2006	TP29TOYO-36.P
LEXUS	LS430	2001-2004	TP29TOYO-30.P
LEXUS	LS430	2001-2004	TP29TOYO-36.P
LEXUS	LS430	2004-2006	KEY REMOTE
LEXUS	LS460	2007	PROX. FOB
LEXUS	LX470	2002	TP29TOYO-30.P

LEXUS	**LX470**	**2002**	TP29TOYO-36.P
LEXUS	**RX330**	**2003-2006**	TP29TOYO-30.P
LEXUS	**RX330**	**2003-2006**	TP29TOYO-36.P
LEXUS	**RX350**	**2006**	TP29TOYO-30.P
LEXUS	**RX350**	**2006**	TP29TOYO-36.P
LEXUS	**RX400H**	**2005**	
LEXUS	**SC430**	**2002**	TP29TOYO-30.P
LEXUS	**SC430**	**2002**	TP29TOYO-36.P
LEXUS	**ES330**	**2004-2007**	TP29TOYO-36.P
LEXUS	**GS300**	**2002-2008**	TP29TOYO-36.P
LEXUS	**GS350**	**2007-2009**	TP29TOYO-36.P
LEXUS	**GS400**	**2002-2008**	TP29TOYO-30.P
LEXUS	**GS430**	**2001-2008**	TP29TOYO-36.P
LEXUS	**GS450H**	**2007-2008**	TP29TOYO-36.P
LEXUS	**GX470**	**2003-2008**	TP29TOYO-36.P
LEXUS	**IS250**	**2006-2009**	TP29TOYO-36.P
LEXUS	**IS350**	**2006-2009**	TP29TOYO-36.P
LEXUS	**LS400**	**2001-2006**	TP29TOYO-36.P
LEXUS	**LX470**	**2003-2007**	TP29TOYO-36.P
LEXUS	**LX570**	**2008**	TP29TOYO-36.P
LEXUS	**RX330**	**2004-2006**	TP29TOYO-36.P
LEXUS	**RX350**	**2007-2009**	TP29TOYO-36.P
LEXUS	**RX400H**	**2006-2008**	TP29TOYO-36.P
LEXUS	**SC300**	**2002-2006**	TP29TOYO-36.P
LEXUS	**SC400**	**2002-2006**	TP29TOYO-36.P
LEXUS	**SC430**	**2002-2006**	TP29TOYO-36.P
TOYOTA	**TARAGO**	**2003**	TP29TOYO-30.P

2. TP30 TEXAS CRYPTO TOYOTA / SCION

After this review we **identify** as "**TP30 TxCr TOY/SC**" this new transponder. It is used in TOYOTA / SCION vehicles.
Apart from the Proximity FOB (electronic hardware), the rest of keys are possible to **clone** over TPX2.

We also supply this transponder as ready to program into the cars as TP30.
The list of vehicles involved is:

BRAND	MODEL	YEAR	JMA KEY
SCION	TC	2005-2009	TP30TOYO-15.P
SCION	XA	2004-2007	TP30TOYO-15.P
SCION	XB	2004-2009	TP30TOYO-15.P
SCION	XD	2008-2009	TP30TOYO-15.P
TOYOTA	4 RUNNER	2003	TP30TOYO-15.P
TOYOTA	CAMRY	2003	TP30TOYO-15.P
TOYOTA	CAMRY	2007	PROX. FOB
TOYOTA	COROLLA VERSO	2005	KEY REMOTE
TOYOTA	HIGHLANDER	2004	TP30TOYO-15.P
TOYOTA	LANDCRUISER	2003	TP30TOYO-15.P
TOYOTA	LANDCRUISER 100	2003	-
TOYOTA	MATRIX	2005	TP30TOYO-15.P
TOYOTA	PREVIA	2003	-
TOYOTA	PRIUS	2004	KEY REMOTE
TOYOTA	RAV 4	2004-2006	TP30TOYO-15.P
TOYOTA	RAV 4	2006	KEY REMOTE
TOYOTA	SIENNA	2004	TP30TOYO-15.P
TOYOTA	SOLARA	2004	TP30TOYO-15.P
TOYOTA (USA)	4 RUNNER	2003-2009	TP30TOYO-15.P
TOYOTA (USA)	AVALON XL/XLS	2005-2009	TP30TOYO-15.P
TOYOTA (USA)	AVALON XL/XLS	2005-2009	PROX. FOB
TOYOTA (USA)	CAMRY	2003-2009	TP30TOYO-15.P
TOYOTA (USA)	COROLLA	2005-2009	TP30TOYO-15.P
TOYOTA (USA)	FJ CRUISER	2008-2009	TP30TOYO-15.P
TOYOTA (USA)	HIGHLANDER	2004-2009	TP30TOYO-15.P
TOYOTA (USA)	LANDCRUISER	2003-2007	TP30TOYO-15.P
TOYOTA (USA)	MATRIX	2005-2009	TP30TOYO-15.P
TOYOTA (USA)	PRIUS	2004-2008	TP30TOYO-15.P
TOYOTA (USA)	PRIUS	2004-2008	PROX. FOB
TOYOTA (USA)	RAV 4	2004-2009	TP30TOYO-15.P
TOYOTA (USA)	SEQUOIA	2003-2009	TP30TOYO-15.P
TOYOTA (USA)	SIENNA VAN	2004-2009	TP30TOYO-15.P
TOYOTA (USA)	SOLARA	2004-2008	TP30TOYO-15.P

TOYOTA (USA)	**TACOMA**	**2005-2009**	TP30TOYO-15.P
TOYOTA (USA)	**TUNDRA**	**2007-2009**	TP30TOYO-15.P
TOYOTA (USA)	**YARIS**	**2007-2009**	TP30TOYO-15.P

3. TP31 TEXAS CRYPTO YAMAHA

After this review we **identify** as "**TP31 TxCr YAMAHA**" this new transponder.
It is used in YAMAHA bikes.
It is possible to **clone** over TPX2.
We could also supply this transponder as ready to program into bikes as TP32.
The list of bikes involved:

BRAND	MODEL	YEAR	JMA KEY
YAMAHA	**BT 1100 BULLDOG**	**2005**	TP00YAMA-26D.P2
YAMAHA	**FJR 1300**	**2005**	TP00YAMA-26D.P2
YAMAHA	**FZ1**	**2006**	TP00YAMA-26D.P2
YAMAHA	**FZ6**	**2004**	TP00YAMA-26D.P2
YAMAHA	**FZS 1000 FAZER**	**2005**	TP00YAMA-26D.P2
YAMAHA	**MAJESTY 400**	**2005**	TP00YAMA-26D.P2
YAMAHA	**MT-01**	**2005**	TP00YAMA-26D.P2
YAMAHA	**MT-03**	**2006**	TP00YAMA-26D.P2
YAMAHA	**T-MAX 500**	**2005**	TP00YAMA-26D.P2
YAMAHA	**TDM 600**	**2005**	TP00YAMA-26D.P2
YAMAHA	**TDM 900**	**2004**	TP00YAMA-26D.P2
YAMAHA	**X-MAX 125**	**2006**	TP00ZA-11.P
YAMAHA	**XJR 1300**	**2004**	TP00YAMA-26D.P2
YAMAHA	**XP 500**	**2004**	TP00YAMA-26D.P2
YAMAHA	**XT 660R**	**2004**	TP00YAMA-26D.P2
YAMAHA	**XT 660Z TENERE**	**2008**	TP00YAMA-26D.P2
YAMAHA	**XTR**	**2004**	TP00YAMA-26D.P2
YAMAHA	**XTX**	**2004**	TP00YAMA-26D.P2
YAMAHA	**XVS 650A DRAG STAR**	**2004**	TP00YAMA-26D.P2
YAMAHA	**XVS 1100A DRAG STAR**	**2004**	TP00YAMA-26D.P2
YAMAHA	**YP 400**	**2004**	TP00YAMA-26D.P2
YAMAHA	**YVS A DRAG STAR**	**2003**	TP00YAMA-26D.P2
YAMAHA	**YZF R1**	**2005**	TP00YAMA-26D.P2
YAMAHA	**YZF R6**	**2003**	TP00YAMA-26D.P2

4. TP09 CLONABLE OR NOT DUPLICABLE

The TRS now offers the option of rejecting those TP09 which are not duplicable. Just when reading the key, the TRS will let you know if it is possible to clone or not, displaying the following messages:

3) TP09 Phil Cry OP // CanNot Duplicate
4) TP09 Phil Cry OP // Copy on TP05.

5. Fix Rev. 2.04 Updating procedure problems

We have fixed the problem present in the Rev.2.04 firmware updating task. Some customers had updating problems when Windows did not recognize the USB hardware once they had finished the updating procedure.
Now this problem has been solved.
When you have a 2.04 Review with this "USB Hardware Not Recognize" message, you must:

1) First, Upload the trs52x_USBdriver.hex.
2) And then, upload the 2.05 review.

The rest of TRS devices working with the 2.04 Review or a newer version than 1.06, just need to be uploaded with the 2.05 review.