

MVP - TCODE - *PRO*

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TOYOTA

This section contains:

- TOYOTA (ADS-125)
- TOYOTA 2007 (ADS-150)
- TOYOTA 2010 (ADS-174)
- TOYOTA 2013 (ADS-199)

(Optional software on some TCode units)

MVP - TCODE - PRO

Powered by *ADVANCED DIAGNOSTICS USA*

Toyota Immobilizer TYPE 1

ALL Toyota TYPE 1 use what the industry refers to as a 4C transponder chip in the keys.

The same 4C chip can be programmed into the car as a MASTER or as a VALET key.

A key that is programmed as a VALET cannot be used to introduce more keys into the system with the MVP or T-Code.



How to tell if a programmed key is a MASTER or a VALET?

Valet key- when first inserted into the ignition lock, the Security Light will stay on for 2 seconds and then stay off.

Master key- when inserted into the ignition lock, the Security Light will not illuminate at all.

TYPE 1 SPECIAL FUNCTIONS:

RESET Immobilizer:

This function allows you to erase all keys and to place the immobilizer in the “Auto Learn Mode”. This function is used when the customer has lost all their keys.

ADD MASTER KEY:

This function allows you to add a Master key to the car’s immobilizer system as long as you have an existing pre-programmed Master key to start with. On Type 1 system cars it is possible to program a key in as Valet as a Master

ADD VALET KEY:

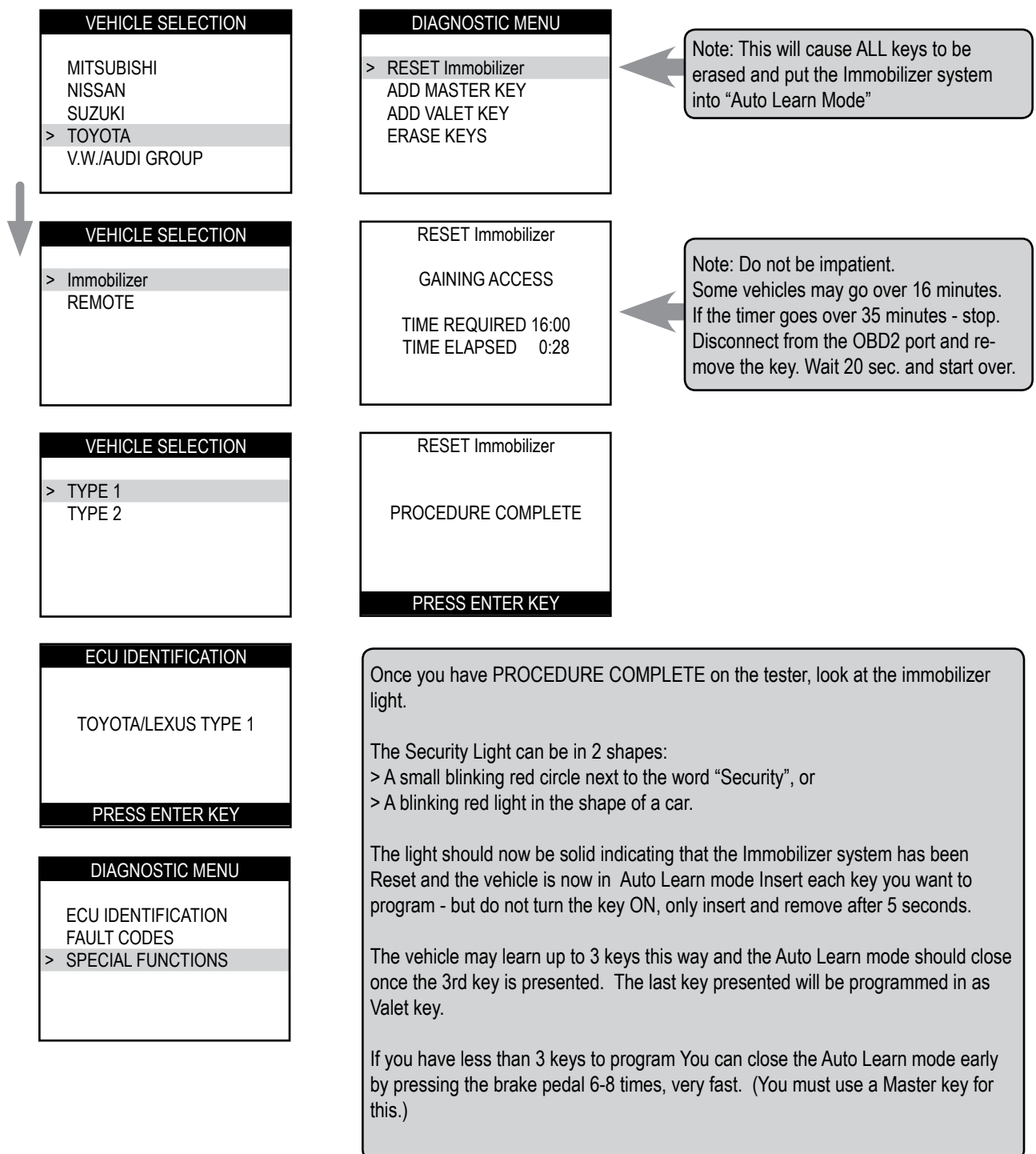
This function allows you to add a Valet key to the car’s immobilizer system as long as you have an existing pre-programmed Master key to start with. The vehicle’s immobilizer system cannot tell the difference between the transponder chip in the key, so it is possible to program a Master as a Valet into the immobilizer system.

ERASE KEYS:

This function allows you to erase all keys except the key in the ignition lock at the time.

RESET Immobilizer - TYPE 1

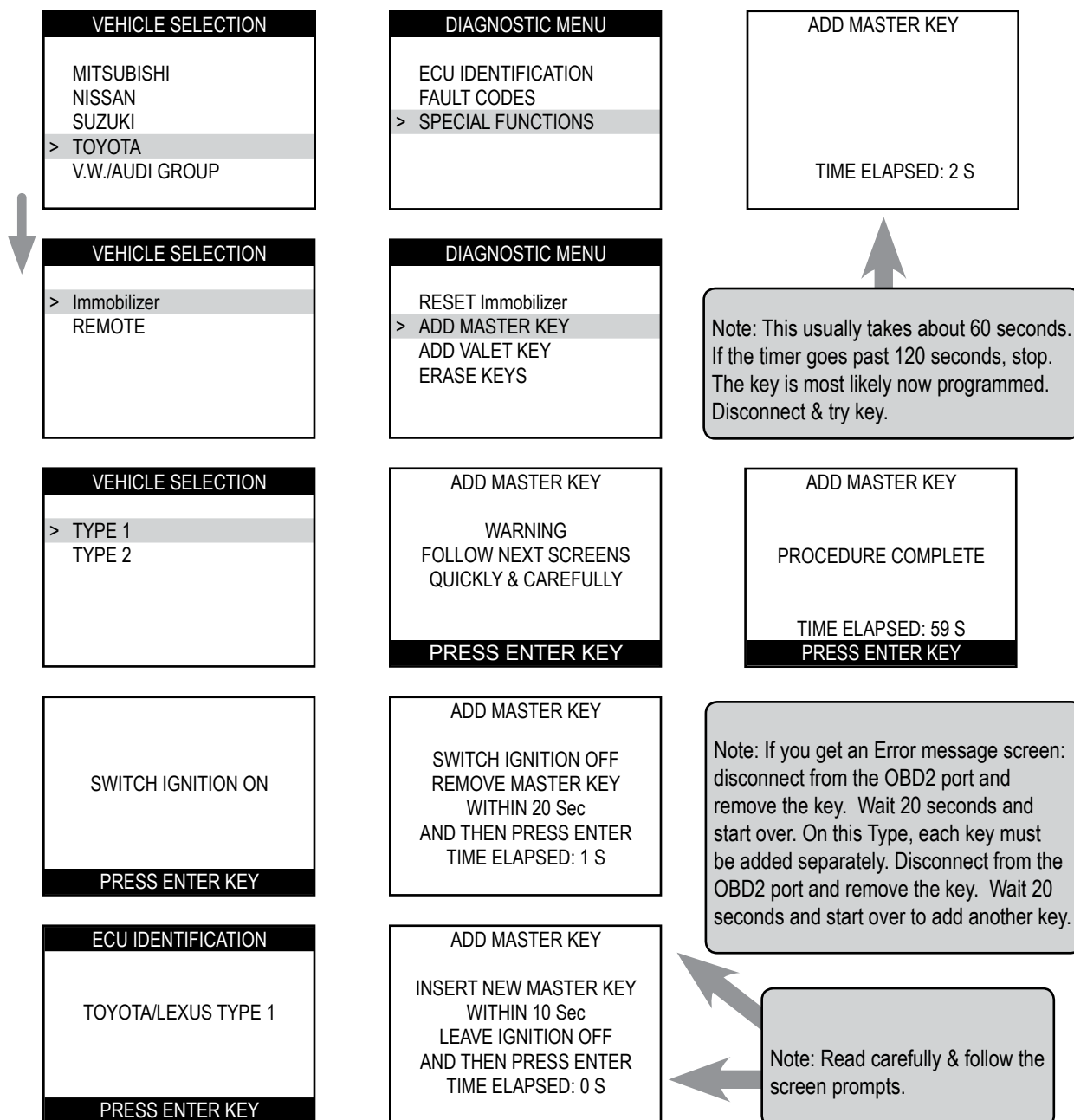
(Use this method if you have no Master Keys.)



ADD MASTER KEY - TYPE 1

Insert a Master key that is already registered into the vehicle. Turn the ignition lock to the "ON" position. The Security Light must be out when the key is in. Connect and follow screens.

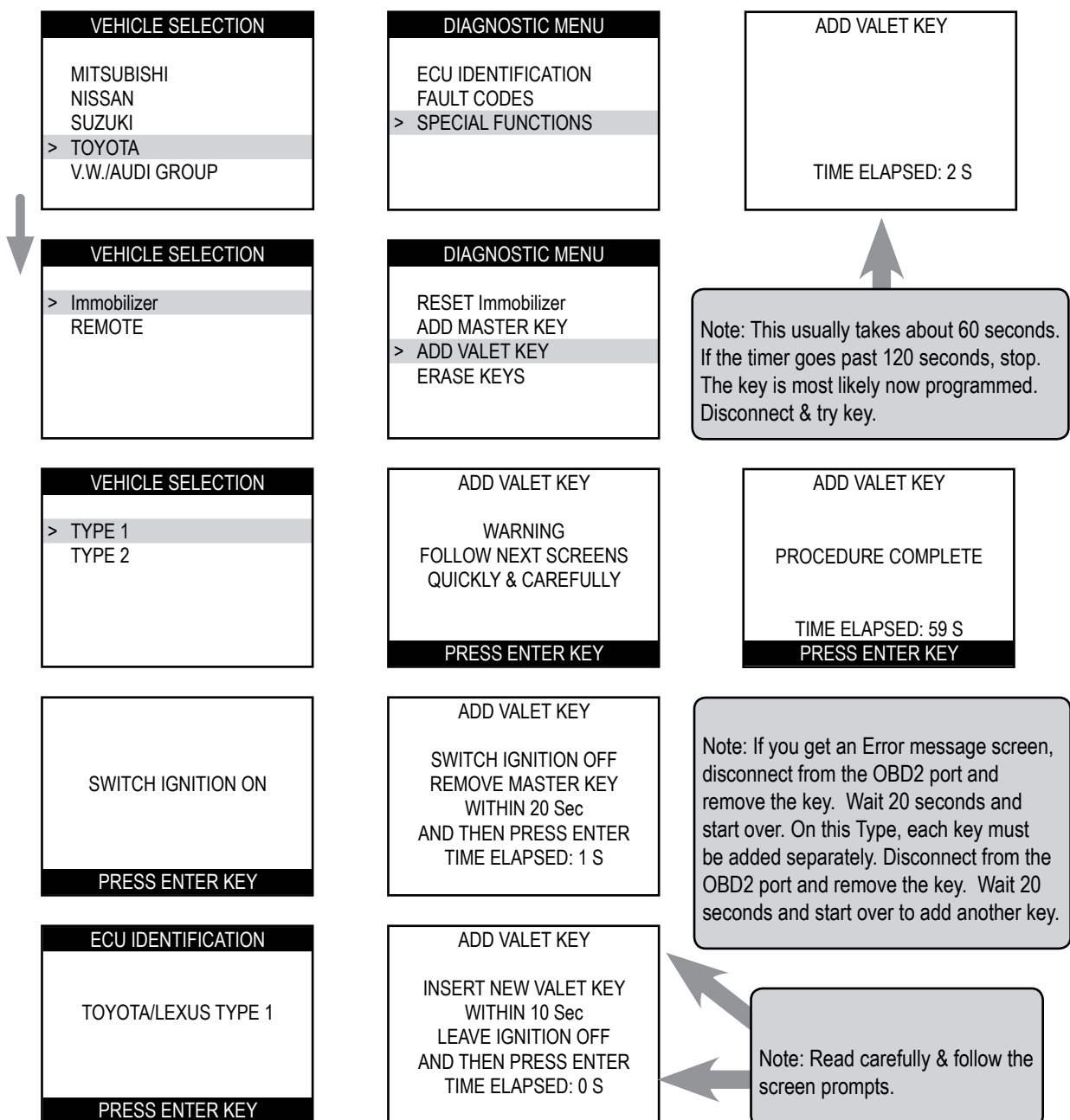
NOTE: If you do not have an existing Master key, you must use the "Reset Immobilizer" procedure to Reset the Immobilizer system. A Valet key will not work as a substitute for a Master Key.



ADD VALET KEY - TYPE 1

Insert a Master key that is already registered into the vehicle. Turn the ignition lock to the "ON" position. The Security Light must be out when the key is in. Connect and follow screens.

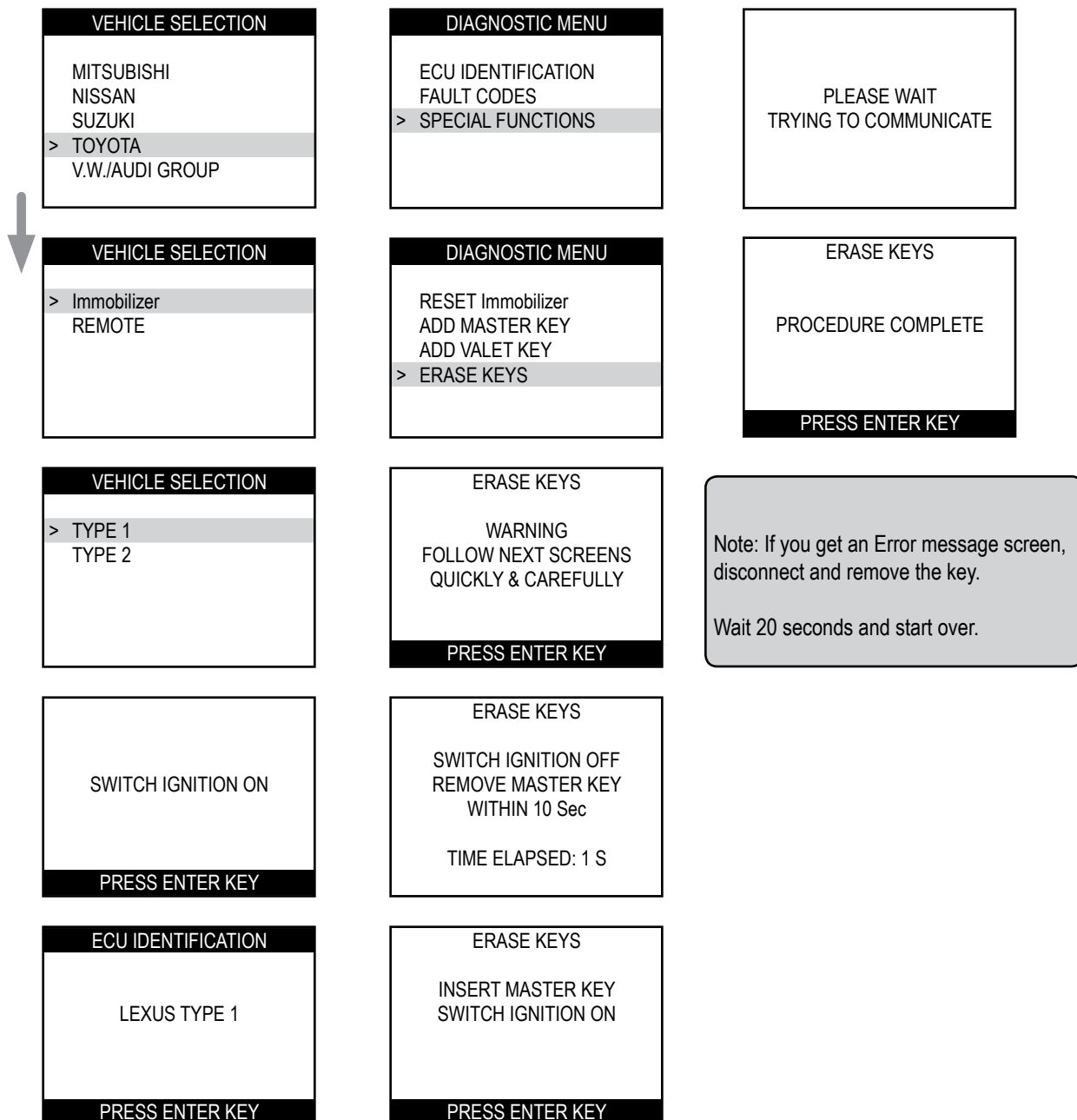
NOTE: If you do not have an existing Master key, you must use the "Reset Immobilizer" procedure to Reset the Immobilizer system. A Valet key will not work as a substitute for a Master Key.



ERASE KEYS - TYPE 1

Insert a Master key that is already registered into the vehicle. Turn the ignition lock to the "ON" position. The Security Light must be out when the key is in. Connect and follow screens.

NOTE: If you do not have an existing Master key, you must use the "Reset Immobilizer" procedure to Reset the Immobilizer system. A Valet key will not work as a substitute for a Master Key.



Toyota Immobilizer

TYPE 2

Use the KEY LOOK UP GUIDE to determine proper key blanks to use.

There are various aftermarket version of these keys you can use.

When in doubt check with the dealer for the exact part number
for the key.

ALL Toyota TYPE 2 use what the industry refers to as a 4D transponder chip in the keys.
Factory 4D chips can come in two varieties MASTER and VALET.

Factory keys with grey plastic heads have a VALET type & chip cannot be used to perform a RESET or to introduce more keys into the system with the MVP or T-Code.

How to tell if a programmed key is a MASTER or a VALET?

Valet key- when first inserted into the ignition lock, the Security Light will stay on for 2 seconds and then stay off.

Master key- when inserted into the ignition lock, the Security Light will not illuminate at all.

TYPE 2 SPECIAL FUNCTIONS:

“QUICK” RESET Immobilizer: (“NEW” Available on Type 2 Immobilizer)

This function allows you to erase all keys and to place the immobilizer in “Auto Learn Mode” instantly without having to go thru the 16 or 30 minute security delay found on the older regular Reset. This function is used when the customer has lost all their Master keys.

“REGULAR” RESET Immobilizer: (Old way of resetting with security delay, now replaced with QUICK RESET) This function allows you to erase all keys and to place the immobilizer in the “Auto Learn Mode”. This function is used when the customer has lost all their Master keys and the Quick Reset can’t be used (See Below)

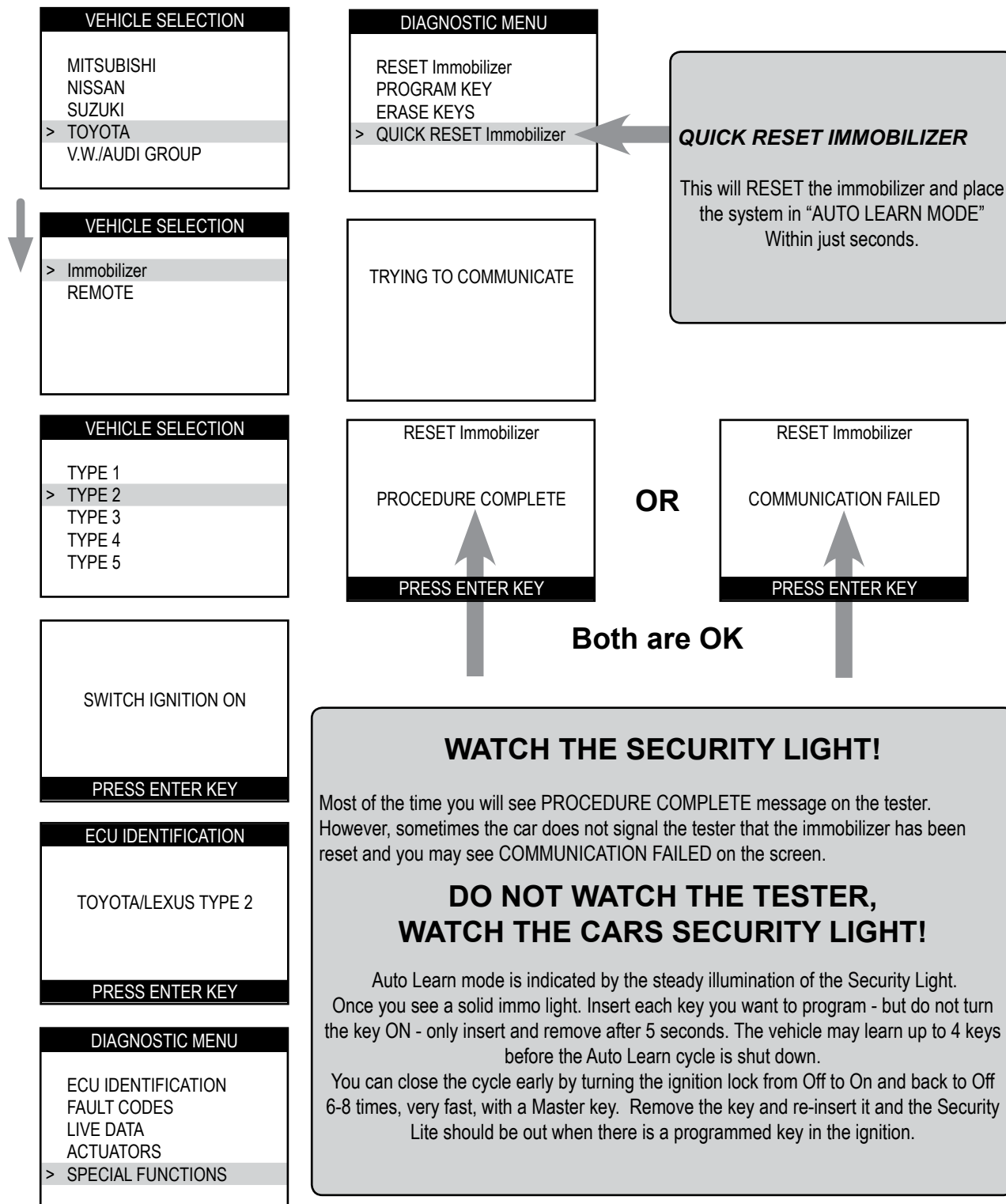
In some cases it maybe necessary to use the old timed access reset because sometimes the quick reset will only let you program TWO keys and no more than that. (Rare, but possible)

PROGRAM KEY: This function allows you to add a Master key to the car’s immobilizer system as long as you have an existing pre-programmed Master key to start with.

ERASE KEYS: This function allows you to erase all keys except the key in the ignition lock at the time.

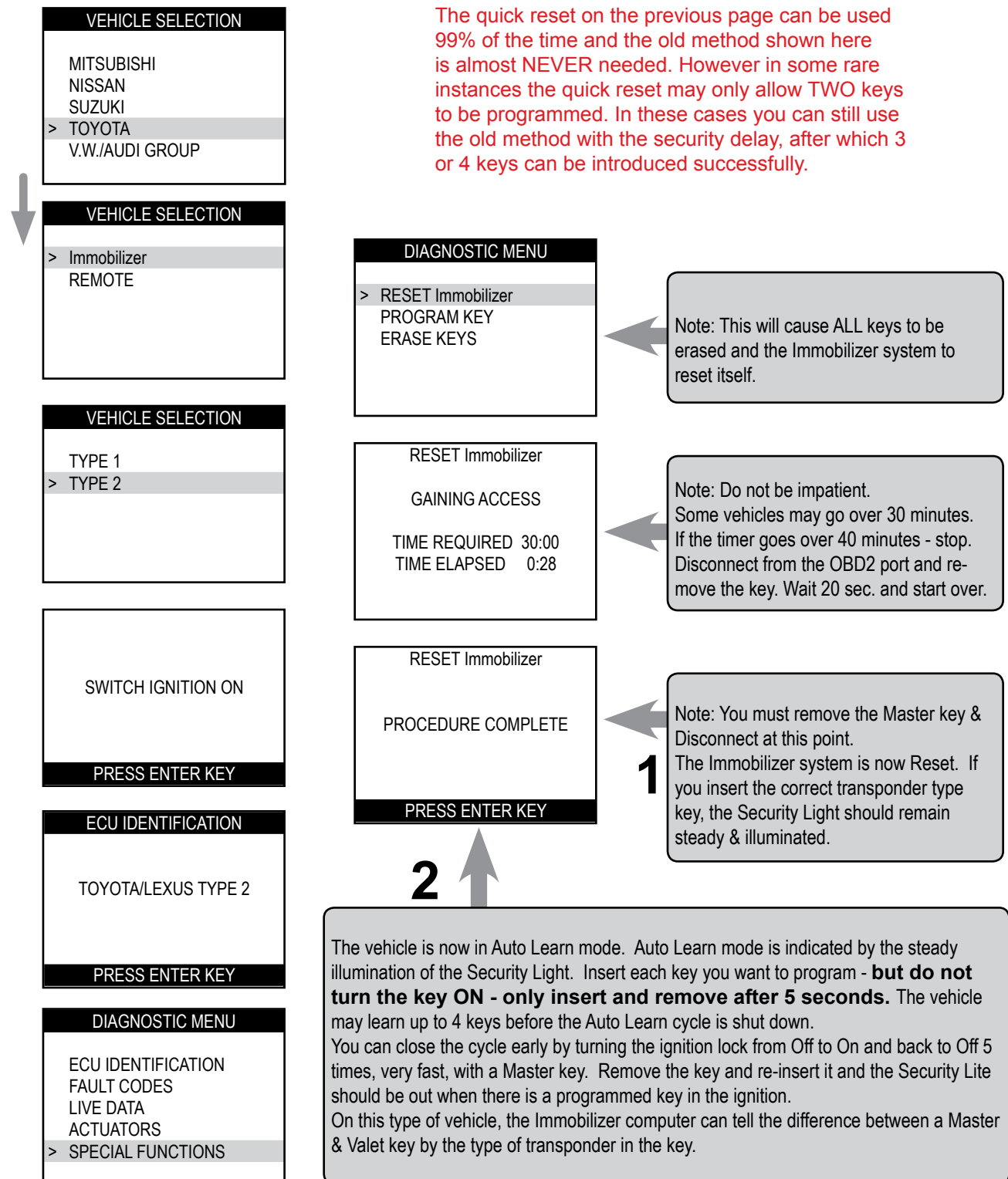
Quick” RESET Immobilizer - TYPE 2

(Use this method if you have no Master Keys.)



“Regular” RESET Immobilizer - TYPE 2

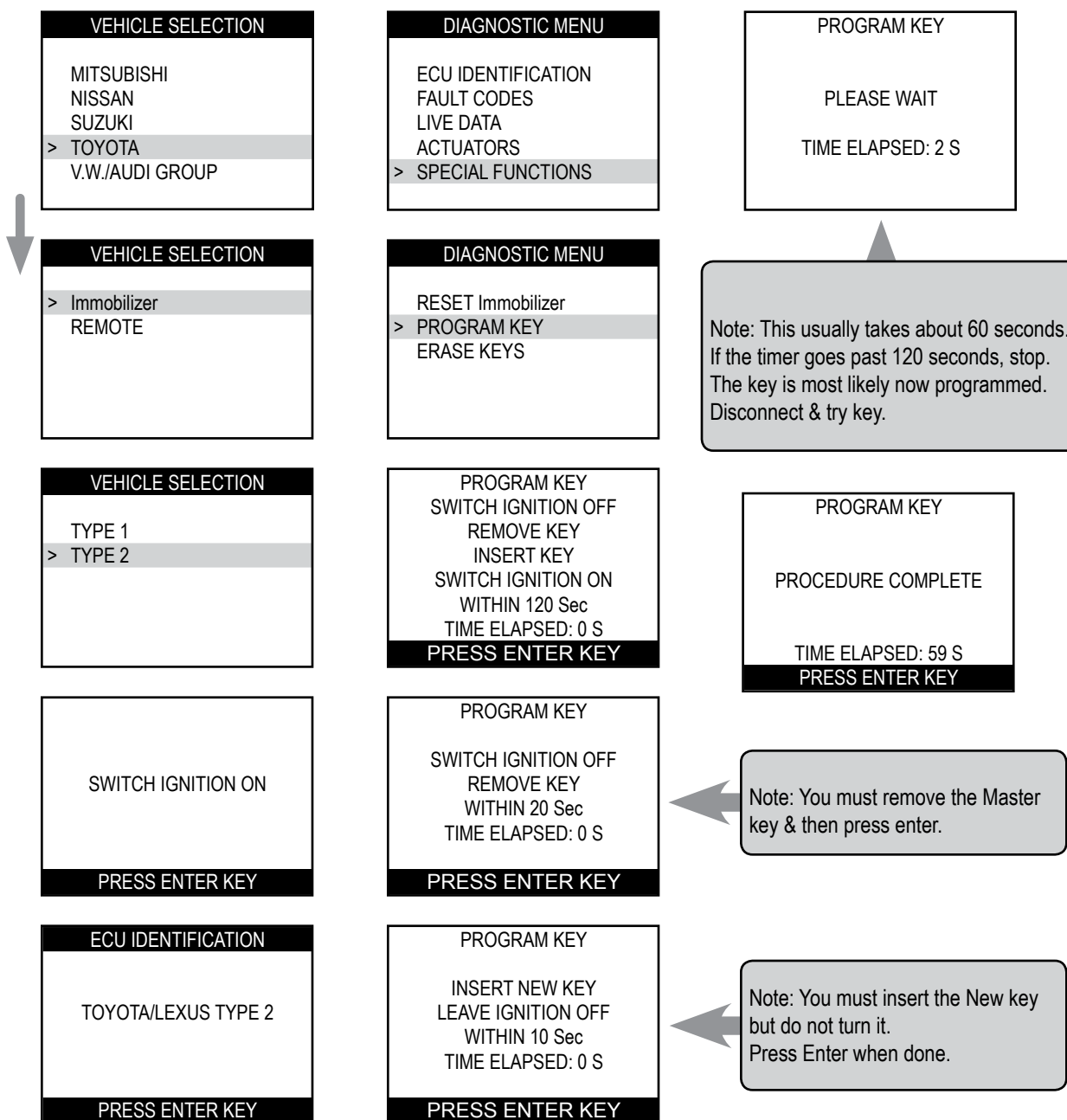
Old way of doing a Type 2 Reset, (use only in rare instances, see notes)



ADD MASTER or VALET KEY - TYPE 2

Insert a Master key that is already registered into the vehicle. Turn the ignition lock to the "ON" position. The Security Light must be out when the key is in. Connect and follow screens.

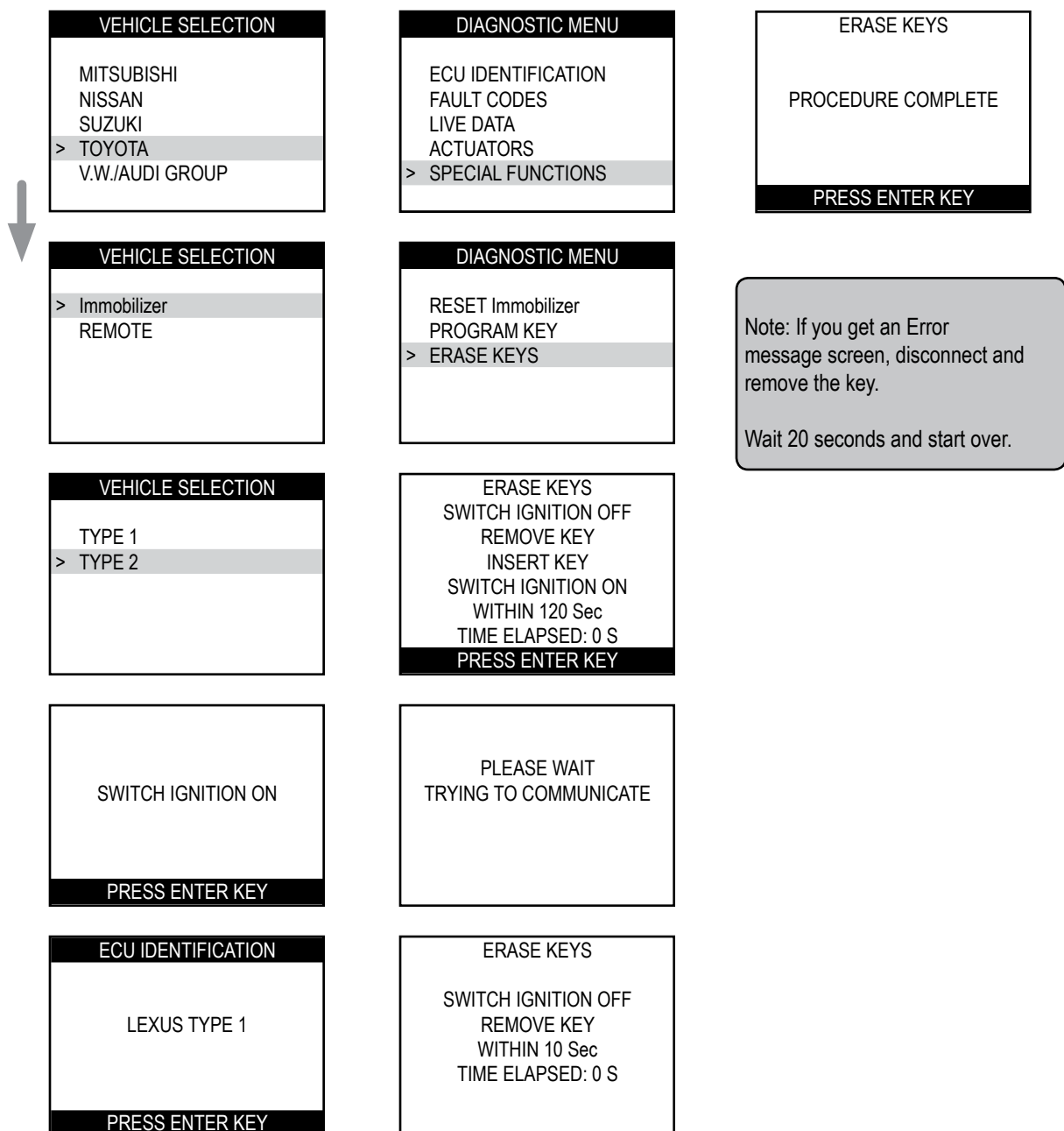
NOTE: If you do not have an existing Master key, you must use the "Reset Immobilizer" procedure to Reset the Immobilizer system. A Valet key will not work as a substitute for a Master Key.



ERASE KEYS - TYPE 2

Insert a Master key that is already registered into the vehicle. Turn the ignition lock to the "ON" position. The Security Light must be out when the key is in. Connect and follow screens.

NOTE: If you do not have an existing Master key, you must use the "Reset Immobilizer" procedure to Reset the Immobilizer system. A Valet key will not work as a substitute for a Master Key.



MVP - TCODE - *PRO*

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Toyota Key Programming

TOYOTA 2007

ADS-150

(Optional Software on all TCode Units.)

TOYOTA 2007

Types of Keys & Remote Head Keys in Use



Toyota Factory Key
Non-Remote Head Key
89785-08020 or 89785-60160



Toyota Factory Remote Head Key
2007 Camry
89070-33881

Use the KEY LOOK UP GUIDE to determine proper key blanks to use.
There are various aftermarket version of these keys you can use.
When in doubt check with the dealer for the exact part number
of the key or remote.

Toyota Immobilizer

TYPE 4

Use the KEY LOOK UP GUIDE to determine proper key blanks to use.

There are various aftermarket version of these keys you can use.

When in doubt check with the dealer for the exact part number for the key.

ALL Toyota TYPE 4 use what the industry refers to as a 4D transponder chip in the keys. Factory 4D chips can come in two varieties MASTER and VALET.

Factory keys with grey plastic heads have a VALET type & chip cannot be used to perform a RESET or to introduce more keys into the system with the MVP or T-Code.

How to tell if a programmed key is a MASTER or a VALET?

Valet key- when first inserted into the ignition lock, the Security Light will stay on for 2 seconds and then stay off.

Master key- when inserted into the ignition lock, the Security Light will not illuminate at all.

TYPE 4 SPECIAL FUNCTIONS:

“QUICK” RESET Immobilizer: (“NEW” Available on Type 4 Immobilizer)

This function allows you to erase all keys and to place the immobilizer in “Auto Learn Mode” instantly without having to go thru the 16 or 30 minute security delay found on the older regular Reset. This function is used when the customer has lost all their Master keys.

“Regular” RESET Immobilizer: (Old way of resetting with security delay, now replaced with QUICK RESET) This function allows you to erase all keys and to place the immobilizer in the “Auto Learn Mode”. This function is used when the customer has lost all their Master keys and the Quick Reset can’t be used (See Below)

In some cases it maybe necessary to use the old timed access reset because sometimes the quick reset will only let you program TWO keys and no more than that. (Rare, but possible)

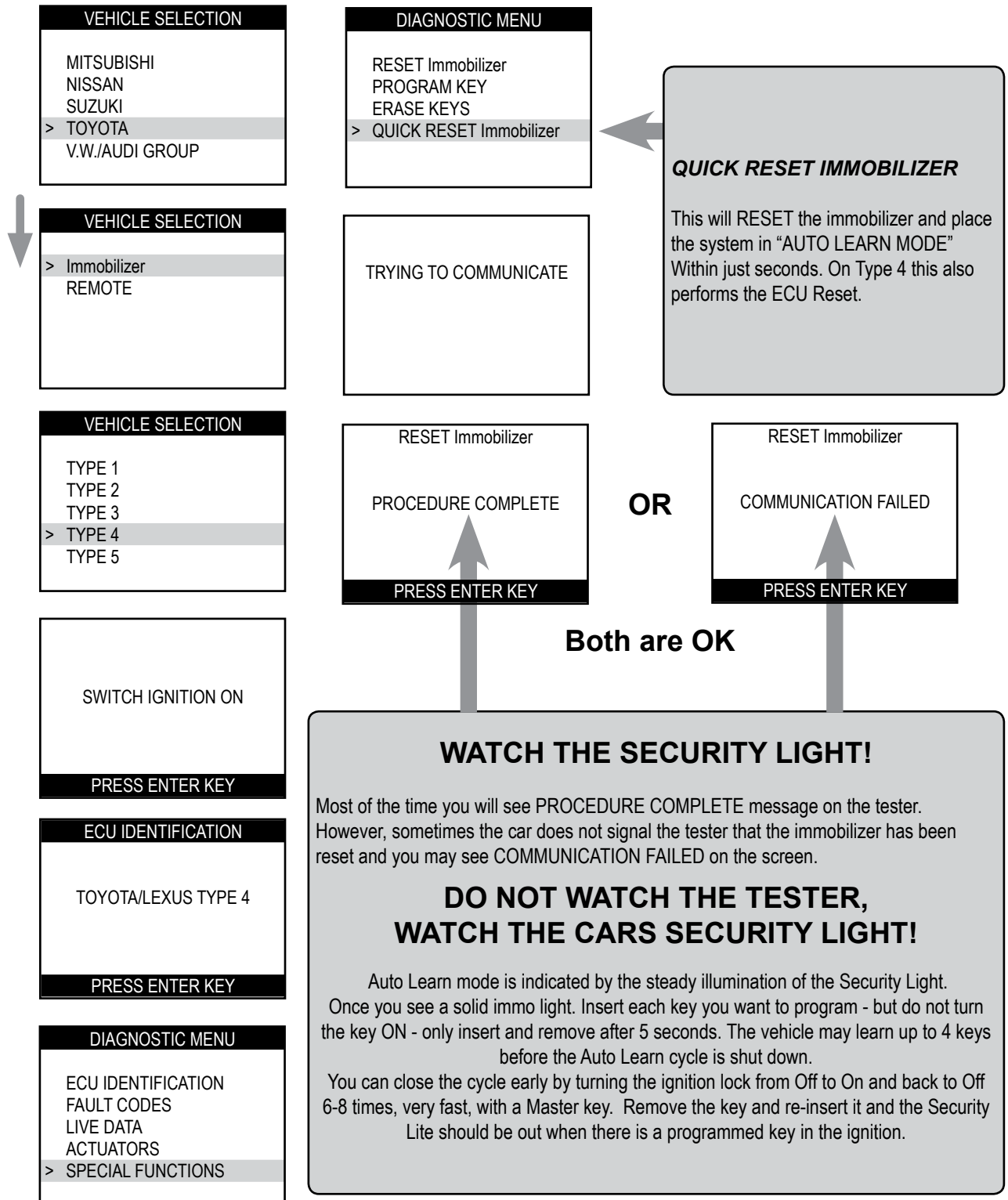
RESET ECU: This procedure needs to be completed after RESET Immobiliser to re sync the cars immobilizer and ECU. (Not needed after Quick Reset as Quick Reset includes an ECU)

PROGRAM KEY: This function allows you to add a Master key to the car’s immobilizer system as long as you have an existing pre-programmed Master key to start with.

ERASE KEYS: This function allows you to erase all keys except the master key in the ignition lock at the time.

QUICK RESET Immobilizer - TYPE 4

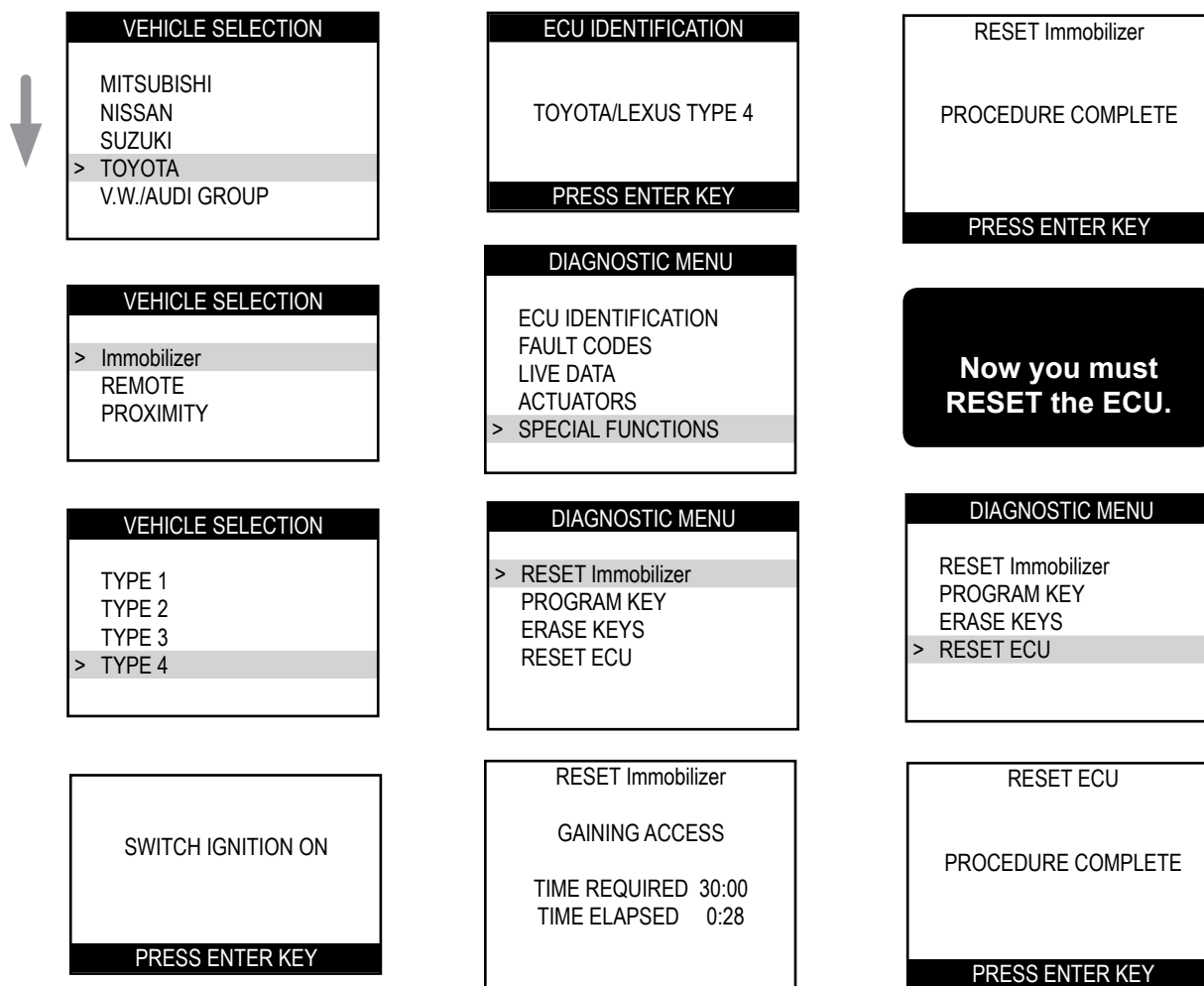
(Use this method if you have no Master Keys.)



STANDARD RESET Immobilizer - TYPE 4

Old way of doing a Type 4 Reset, (use only in rare instances, see note)

NOTE: The quick reset on the previous page can be used 99% of the time and the old method shown here is almost NEVER needed. However in some rare instances the quick reset may only allow TWO keys to be programmed. In these cases you can still use the old method with the security delay, after which 3 or 4 keys can be introduced successfully.



Note: You must remove the Master key & Disconnect the tester at this point.

The Immobilizer system is now Reset. The Security Light should remain steady & illuminated.

The vehicle is now in Auto Learn mode. Auto Learn mode is indicated by the steady illumination of the Security Light. Insert each key you want to program - but do not turn the key on - only insert and remove after 4 seconds. The vehicle may learn up to 4 keys before the Auto Learn cycle is shut down.

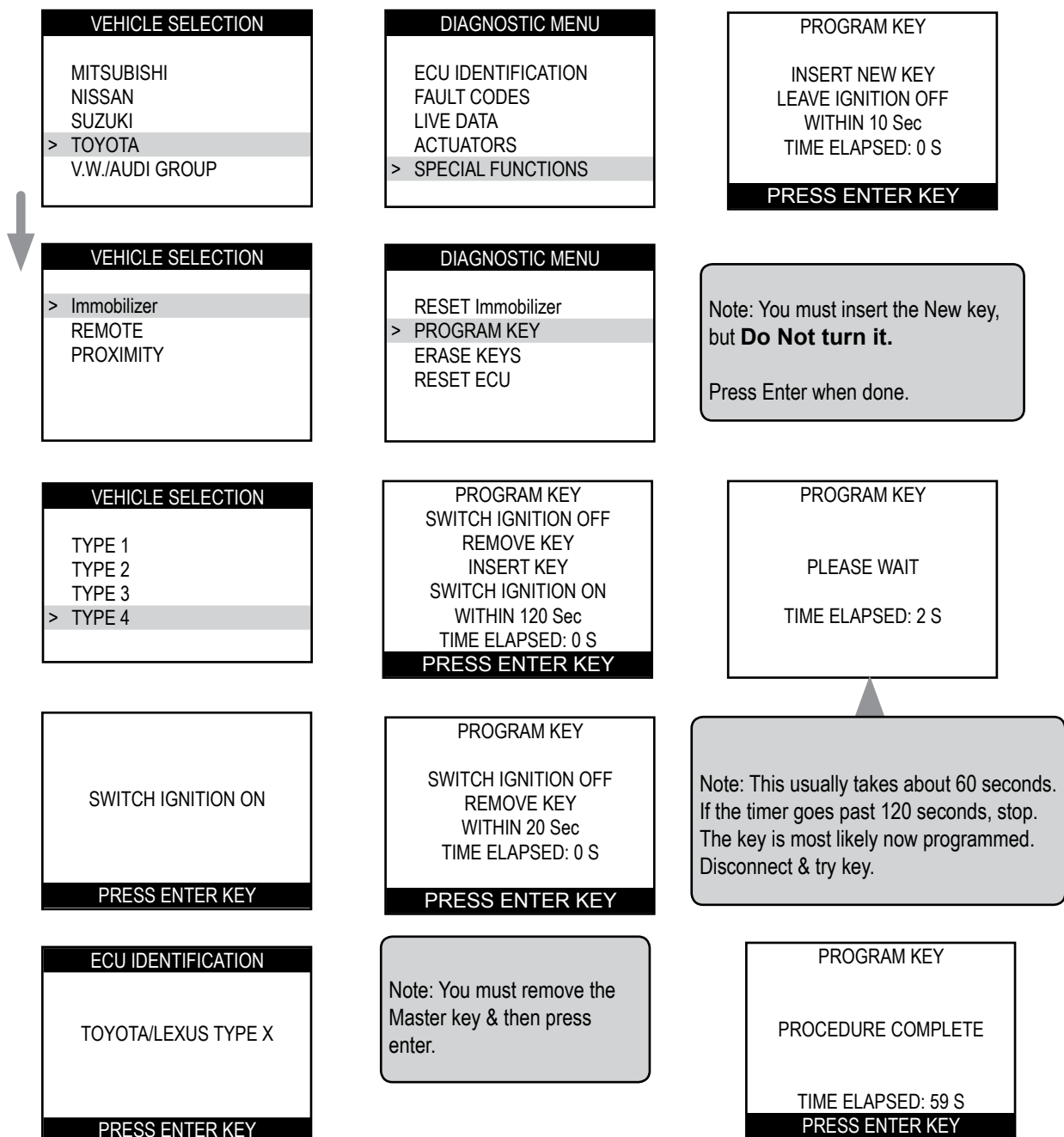
You can close the cycle early by turning the ignition lock from Off to On and back to Off 6 times, very fast, with a Master key.

Remove the key and re-insert it and the Security should be out when there is a programmed in the ignition.

PROGRAM KEYS - TYPE 4

(Use this method if you have at least 1 Master Key.)

NOTE: If you do not have an existing Master key you must use the "Reset Immobilizer" procedure to Reset the Immobilizer system. A Valet key will not work as a substitute for a Master Key.



TOYOTA TYPE 4 IMMOBILIZER

Troubleshooting:

Problem: After a Reset, the car starts and runs but the theft light blinks.

Solution: The car is still in “learn mode” close the learning cycle by turning the ignition ON/OFF quickly at least 6-8 times until the light goes out.

Problem: Program key goes all the way thru to a successful conclusion with no errors but the car cranks and does not start.

Solution: Barring any other problems (low fuel, failed components etc) the car key memory may be full. Meaning 8 keys are already programmed and no more can be added. Use ERASE KEYS with a MASTER KEY and this will ERASE all keys except the 1 Master Key used. Now go back and use PROGRAM KEY to add any other keys you want to program.

Toyota Remote GRID INDEX

- Only the models listed are supported -

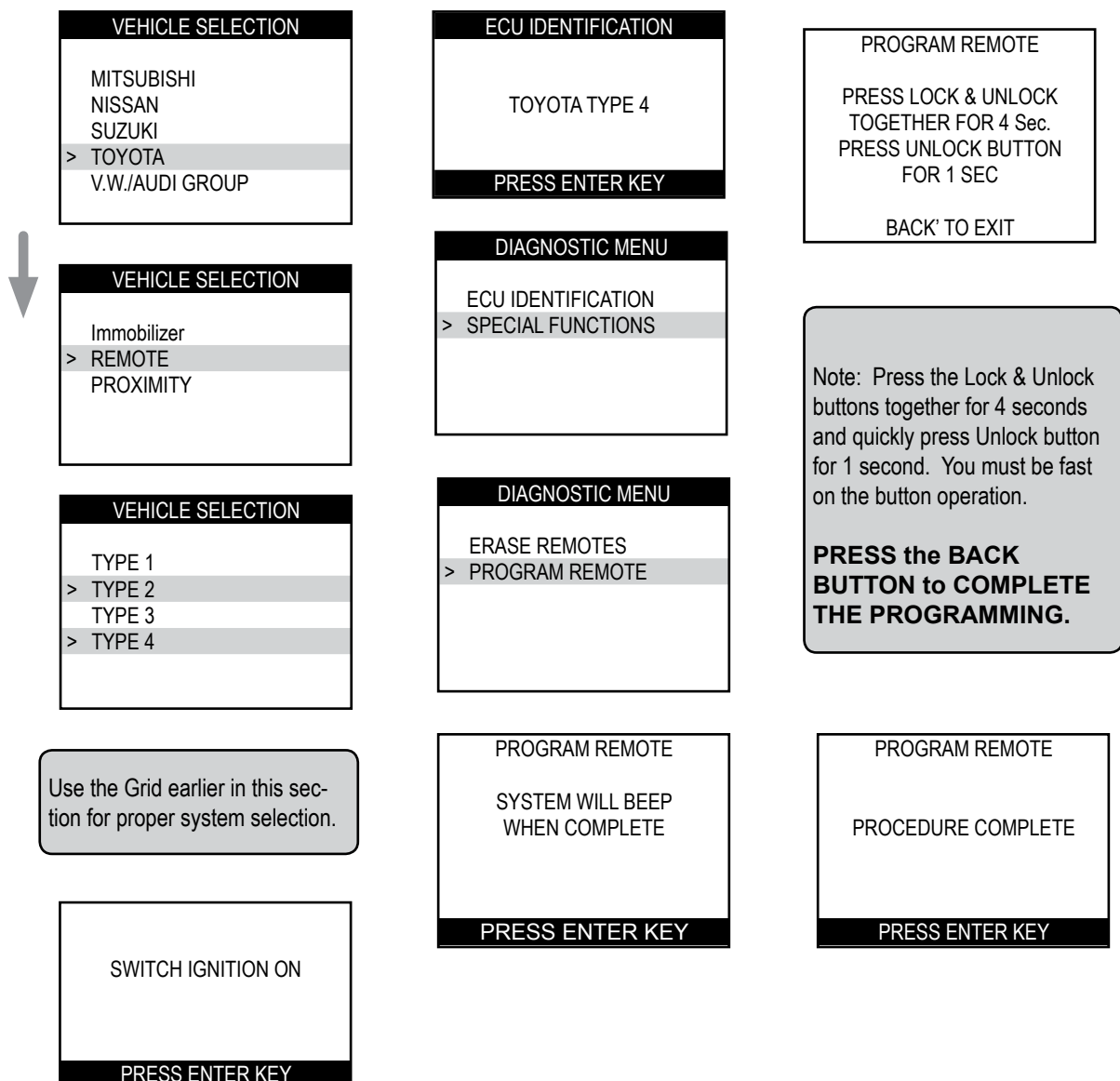
TOYOTA MODELS	YEARS	SYSTEM TYPE	S/W T-CODE
4-RUNNER	2007-2013	REMOTE 2	ADS-125
AVALON	2010-2013	REMOTE 2	ADS-125
CAMRY	2007-2013	REMOTE 4	ADS-150
COROLLA	Mid 2010-2013	REMOTE 4	ADS-150
FJ CRUISER	2010-2012	REMOTE 4	ADS-150
HIGHLANDER	2005-2006	REMOTE 4	ADS-150
LAND CRUISER	2003-2013	REMOTE 2	ADS-125
RAV-4	2007-2013	REMOTE 4	ADS-150
SEQUOIA	2003-2013	REMOTE 4	ADS-125
SIENNA	2010-2013	REMOTE 4	ADS-150
TUNDRA	2003	REMOTE 2	ADS-125
TUNDRA	2007-2013	REMOTE 4	ADS-150
VENZA	2010-2013	REMOTE 4	ADS-150

PROGRAM REMOTE - TYPE 4

(Use this method to program the Remote portion of remote head keys
And also for programming separate remotes)



The RKE program separate from
the transponder on LEXUS &
TOYOTA remote head keys



TOYOTA 2007

Examples of different Types of PROX



Toyota Avalon PROX
89904-07030

Toyota Camry PROX
89904-06041

Lexus ES / GS / IS PROX
89904-30270

Always check with the dealer for the exact part number of Prox to use on the vehicle you are working on.

These are just a few examples shown for 2007 models. For later years there are quite a few different part numbers some interchangeable and some not!

Used Toyota/Lexus Proximity key warning!

Prox keys that are not BRAND NEW cannot be simply ADDED.
There is a work around trick that will usually allow you to program in an already used Prox.

1. Perform an Immobilizer reset introducing the used key first.
2. Once you have the used key programmed and working use PROGRAM PROX to add back in the original working Prox key(s).

MVP users take note: The above method may not always work 100%.

Brand new keys from a reputable dealer is what we recommend.

These program in 100% without issue.

Cross Interference:

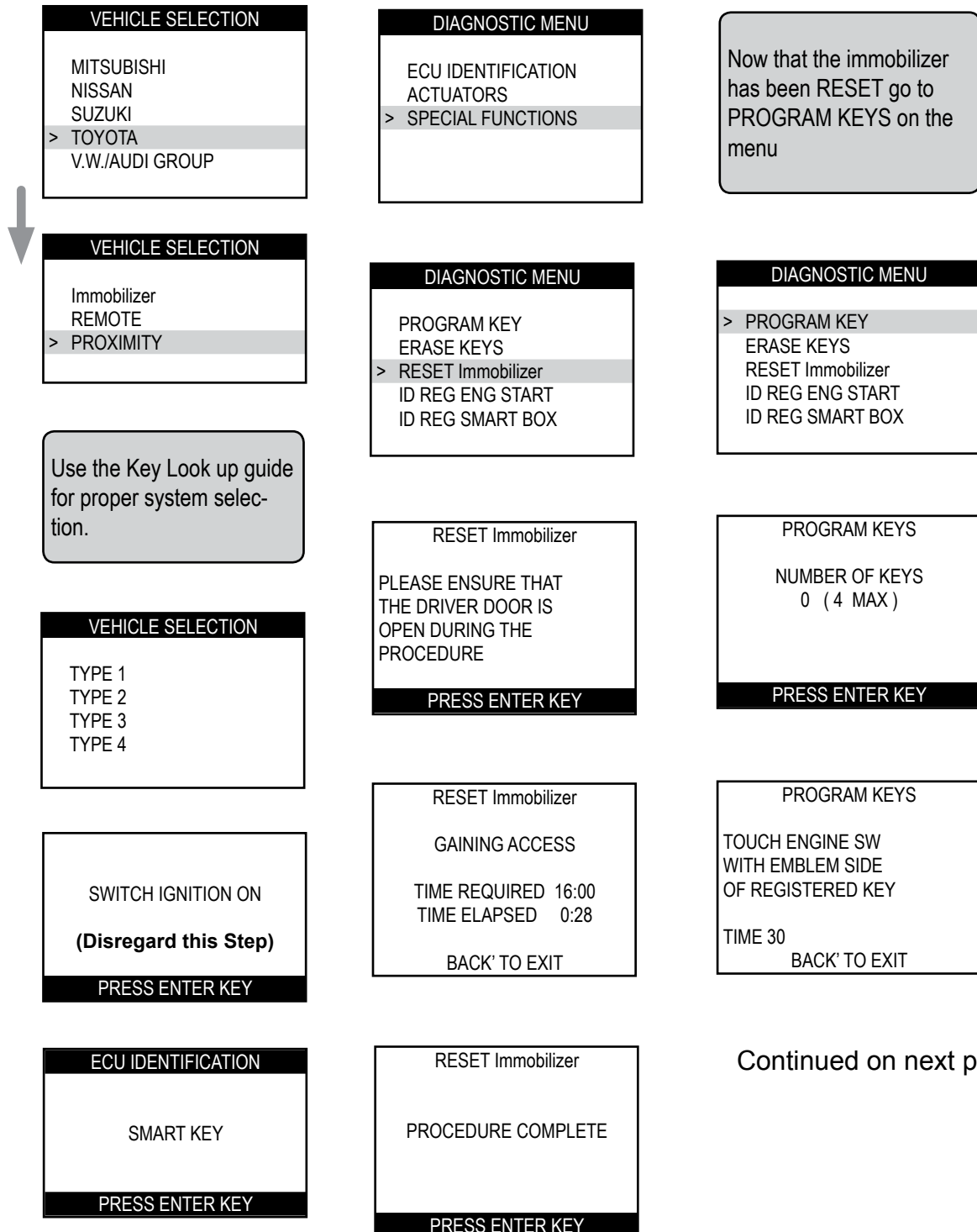
It has been our experience that on occasion there can be cross signal interference when 2 or more Prox remotes are in the vehicle at the same time. During Programming keep only one Prox remote in the car at a time because of this.

Weak Prox Batteries:

Also, when using NEW Prox remotes if they get a failure it can be because the battery in the Prox is slightly weak from sitting around in the parts dept. and may not program in until the Prox battery is changed.

RESET Immobilizer - PROX

(Use this method if you have no PROX Remotes)



RESET Immobilizer - PROX

(Use this method if you have no PROX Remotes)

Touch the Emblem side of the PROX Remote to the START Button on the dash. The Emblem side is the side without the buttons on it and has either the Toyota or Lexus symbol on it.



If the Prox is not detected:

1. Check that it's the correct part number. (Many look a like but are incompatible)
2. That the battery inside the Prox is new.
3. That the battery voltage on the vehicle is at least 12 volts.



PROGRAM KEYS

PLEASE WAIT

BACK' TO EXIT

PROGRAM KEYS

PROCEDURE COMPLETE

NUMBER OF KEYS

1

PRESS ENTER KEY

PROGRAM KEYS

KEY DETECTED
REMOVE KEY

TIME 30

BACK' TO EXIT

PROGRAM KEYS

TOUCH ENGINE SW
WITH EMBLEM SIDE
OF REGISTERED KEY

TIME 28

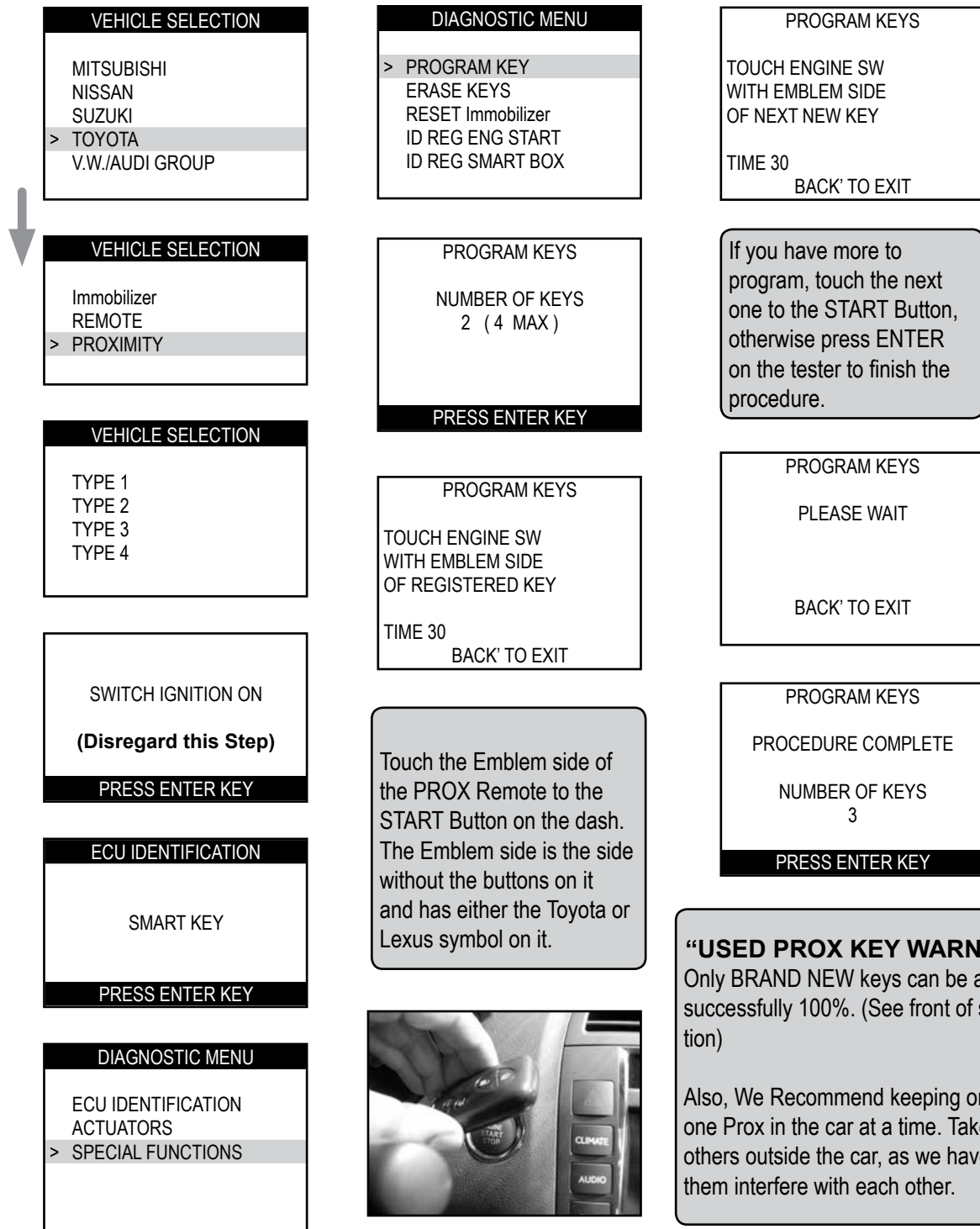
PRESS ENTER TO CONT.

If you have more to program, touch the next one to the START Button, otherwise press ENTER on the tester to finish the procedure.

We Recommend keeping only one Prox in the car at a time. Take any others outside the car, as we have seen them interfere with each other.

ADD ADDITIONAL PROX

(Use this method if you have at least 1 existing PROX Remote)



MVP - TCODE - PRO

Powered by *ADVANCED DIAGNOSTICS USA*



2010-11 Lexus & Toyota Key & Prox

ADS-174

Used Toyota/Lexus Proximity key warning!

Prox keys that are not BRAND NEW cannot be simply ADDED.

There is a work around trick that will usually allow you to program in an already used prox.

1. Perform an Immobilizer reset introducing the used key first.
2. Once you have the used key programmed and working use PROGRAM PROX to add back in the original working Prox key(s).

MVP users take note: The above method may not always work 100%.

Brand new keys from a reputable dealer is what we recommend.

These program in 100% without issue.

(Optional Software on all TCode Units.)

How to find the System Type on 2010-11

Some models use the new dealer “G” transponder key and some don’t. It is possible to have 2 identical cars side by side and one still on the older key and one on the “G” key.

Even looking the vehicle up by the VIN can give you the wrong key.

If the customer already has a working key that has the letter “G” stamped on the blade, than another “G” key will work fine. If not follow the steps below.

There is only 1 way to tell for sure. This is for 2010 & 2011 models.

Before cutting the transponder key - insert a mechanical key in the ignition and turn to the On position. Go to “RESET Immobilizer” and see if you can communicate with “TYPE 4” - If you can than is NOT a “G” key vehicle.

Toyota TYPE 4 systems are not “G” transponder key vehicles. They are second generation 4D systems.

Toyota TYPE 5 systems are “G” transponder key vehicles.

Plug into the car and see which system communicates

Communicates with **TYPE 4**
system

NOT “G” Key

Use 4D Key after market
or factory 08020 / 60160

If ALL KEYS LOST:
Use TYPE 4 Quick Reset
Immobilizer

Communicates with **TYPE 5**
system

“G” Key

Use dealer “G” key

If ALL KEYS LOST:
Use TYPE 5
Reset Immobilizer

General info

NEW “G” Transponder for 2010-2013 Toyota Keys

Toyota has released a new transponder chip for 2010 & up. This new TI chip has new “locked” encryption to prevent cloning.

It has been seen in our experience that only a Dealer Key will program reliably for these vehicles!



There may be “after-market” versions of these “G” keys available however at this time we recommend using Toyota only OEM keys.

Especially, if you are using MVP Pro because “after-market” keys do not always program in successfully. From what we have seen, OEM keys program successfully every time.

Special note for 2010 FJ Cruiser:

Some 2010 FJ Cruiser's do not support an immobilizer reset. On these affected vehicles the immo box must be replaced.

Affected vehicles where made BEFORE Vin #'s JTEZU4BF#AK010121 & JTEBU4BF#AK088229. these vehicles will FAIL on Immo Reset attempt using PRO or Dealer tools. This only effects FJ Cruiser and no other models.

Toyota Immobilizer

TYPE 5 (G Key System)

ALL Toyota TYPE 5 use what the industry refers to as a “G” transponder chip in the keys. Factory “G” chips can come in two varieties MASTER and VALET.

Factory keys with grey plastic heads have a VALET type & chip cannot be used to perform a RESET or to introduce more keys into the system with the MVP or T-Code.

How to tell if a programmed key is a MASTER or a VALET?

Valet key- when first inserted into the ignition lock, the Security Light will stay on for 2 seconds and then stay off.

Master key- when inserted into the ignition lock, the Security Light will not illuminate at all.

TYPE 5 SPECIAL FUNCTIONS:

RESET Immobilizer: This function erases all keys and programs in 1 Master Key. This function is used when the customer has lost all their Master keys. (Takes Approx.16 minutes)

PROGRAM KEY: This function allows you to add a Master or a Valet key to the car's immobilizer system as long as you have an existing pre-programmed Master key to start with.

ERASE KEYS: This function allows you to erase all keys except the key in the ignition lock at the time.

Program Master Key: This function is on the TYPE 5 menu for only one purpose. It is there only for when for some reason a RESET Immobilizer procedure has been partially completed but was for whatever reason (drivers door shut halfway thru or wrong transponder key used) a Master Key was not programmed in successfully.

In cases like this the Immobilizer has already been Reset, so you need to be able to perform this function separately because if you try and start off with Reset Immobilizer the procedure will fail because the Immobilizer has already been Reset.

Program Master Key can only be used for this purpose. Do not use it unless you have the situation described above.

TOYOTA 2011 - KEYS

RESET Immobilizer - TYPE 5

(Use this method if you have no Master Keys.)

The procedure for 2010-2013 "G" Key system is very different from earlier TOYOTA LEXUS.

You cannot "Learn" (program) new keys as you did before by cycling the keys in the ignition.

After performing the "RESET Immobilizer" procedure - remove the key from the ignition.

Insert the first key to be programmed when asked to do so by machine.
This must be a Master key, not a Valet (grey) key.

After the first Master key is "Learned", each key must be programmed separately.

For additional keys -
use the "PROGRAM KEYS" procedure.

VEHICLE SELECTION	
+ AUDI	+ LANDROVER
+ BMW	+ LEXUS
+ CADILLAC	+ MAZDA
+ CHEVROLET	+ MERCEDES
+ CHRYSLER	+ MITSUBISHI
+ DAEWOO USA	+ NISSAN
+ DODGE	+ PONTIAC
+ FORD	+ ROVER
+ GM (USA)	+ SAAB
+ HONDA/ACURA	+ SATURN
+ HYUNDAI	+ SUBARU
+ INFINITI	+ TOYOTA
+ ISUZU	+ V.W. /AUDI GROUP
+ JAGUAR	+ VOLKSWAGEN
+ JEEP	VERSION
+ KIA	

Navigation buttons: Left, Up, Right, Down, Enter

VEHICLE SELECTION	
+ BY SYSTEM	

Navigation buttons: Left, Up, Right, Down, Enter

VEHICLE SELECTION	
+ USA	

Navigation buttons: Left, Up, Right, Down, Enter

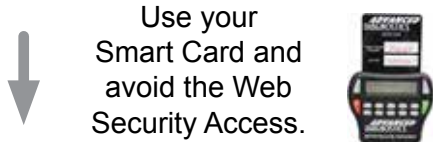
VEHICLE SELECTION	
+ Immobilizer	
+ REMOTE	
+ PROXIMITY	

Navigation buttons: Left, Up, Right, Down, Enter

TOYOTA 2011 - *KEYS*

RESET Immobilizer - TYPE 5

Continued...



SMART CARD SECURITY

ACCESS GRANTED

PRESS ENTER KEY

SWITCH IGNITION ON

PRESS ENTER KEY

DIAGNOSTIC MENU

- > ECU IDENTIFICATION
- > FAULT CODES
- > ACTUATORS
- > SPECIAL FUNCTIONS

DIAGNOSTIC MENU

- > PROGRAM KEYS
- > ERASE KEYS
- > RESET Immobilizer
- > SELF TEST

RESET Immobilizer

PLEASE INSURE THAT
THE DRIVER DOOR IS
OPEN DURING THE
PROCEDURE

PRESS ENTER KEY

RESET Immobilizer

PLEASE WAIT

TIME REQUIRED 16:00
TIME ELAPSED 00:00
BACK TO EXIT

RESET Immobilizer

PROCEDURE COMPLETE

TURN IGNITION OFF
REMOVE KEY
INSERT KEY
SWITCH IGNITION ON

PRESS ENTER KEY

**Continued on next
page....**

TOYOTA 2011 - *KEYS*

RESET Immobilizer - TYPE 5

continued...



PROGRAM KEY

INSERT MASTER KEY
SWITCH IGNITION ON

PRESS ENTER KEY

PROGRAM KEY

PROCEDURE COMPLETE

PRESS ENTER KEY

PROGRAM KEY

PLEASE WAIT
45 Sec
TIME ELAPSED: 0

IMPORTANT: Make sure to wait until the theft light on the car stops blinking and also press Enter before disconnecting the tester.

IMPORTANT NOTES:

On Toyota Type 5 it's important to make sure the immobilizer light stops blinking at the end of the procedure. It's also important to Press Enter prior to disconnecting the tester.

Make sure to wait until the light stops blinking and also press Enter before disconnecting the tester.

If you are using MVP, stay connected and go to PROGRAM KEYS to add any additional keys you may have. (If needed)

PROGRAM KEYS - TYPE 5

(Use this method if you have at least 1 Master Key.)

NOTE: If you do not have an existing Master key you must use the "Reset Immobilizer" procedure to Reset the Immobilizer system. A Valet key will not work as a substitute for a Master Key.

↓

VEHICLE SELECTION	
+ AUDI	+ LANDROVER
+ BMW	+ LEXUS
+ CADILLAC	+ MAZDA
+ CHEVROLET	+ MERCEDES
+ CHRYSLER	+ MITSUBISHI
+ DAEWOO USA	+ NISSAN
+ DODGE	+ PONTIAC
+ FORD	+ ROVER
+ GM (USA)	+ SAAB
+ HONDA/ACURA	+ SATURN
+ HYUNDAI	+ SUBARU
+ INFINITI	+ TOYOTA
+ ISUZU	+ V.W. /AUDI GROUP
+ JAGUAR	+ VOLKSWAGEN
+ JEEP	VERSION
+ KIA	

◀
▶
↶
▼
▶

VEHICLE SELECTION	
TYPE 1	
TYPE 2	
TYPE 3	
TYPE 4	
TYPE 5	

◀
▶
↶
▼
▶

Use your
Smart Card and
avoid the Web
Security Access.



VEHICLE SELECTION	
+ USA	

◀
▶
↶
▼
▶

SWITCH IGNITION ON
PRESS ENTER KEY

VEHICLE SELECTION	
+ BY SYSTEM	

◀
▶
↶
▼
▶

Read the tester screens carefully! At this step the key in the ignition must be an already programmed Master Key.

VEHICLE SELECTION	
+ Immobilizer	
+ REMOTE	
+ PROXIMITY	

◀
▶
↶
▼
▶

**Continued on next
page....**

TOYOTA 2011 - *KEYS*

PROGRAM KEYS - TYPE 5

Continued....

ECU IDENTIFICATION

TOYOTA KEY

PRESS ENTER KEY

DIAGNOSTIC MENU

- > ECU IDENTIFICATION
- > FAULT CODES
- > ACTUATORS
- > SPECIAL FUNCTIONS

DIAGNOSTIC MENU

- > PROGRAM KEYS
- > ERASE KEYS
- > RESET Immobilizer
- > SELF TEST

PROGRAM KEY

REMOVE KEY
INSERT KEY
SWITCH IGNITION ON
WITHIN 120 Sec
TIME ELAPSED: 0 S

PRESS ENTER KEY

PROGRAM KEY

SWITCH IGNITION OFF
REMOVE KEY
WITHIN 10 Sec
TIME ELAPSED: 0 S

PRESS ENTER KEY

PROGRAM KEY

INSERT NEW KEY
LEAVE IGNITION OFF
WITHIN 10 Sec
TIME ELAPSED: 0 S

PRESS ENTER KEY

VERY IMPORTANT:

Make sure to LEAVE IGNITION OFF here as instructed by the tester. If you turn the key on here you will get ERROR.

This is a very easy mistake to make.
READ THE TESTER SCREENS CAREFULLY!

PROGRAM KEY

PLEASE WAIT
TRYING TO COMMUNICATE
TIME ELAPSED: 0 S

PRESS ENTER KEY

TOYOTA 2011 - *KEYS*

PROGRAM KEYS - TYPE 5

Continued....

PROGRAM KEY
PROCEDURE COMPLETE
PRESS ENTER KEY

IMPORTANT: Make sure to wait until the theft light on the car stops blinking and also press Enter before disconnecting the tester.

IMPORTANT NOTES:

On this system it's important to make sure the immobilizer light stops blinking at the end of the procedure. It's also important to Press Enter prior to disconnecting the tester.

Make sure to wait until the light stops blinking and also press Enter before disconnecting the tester.

If you are using MVP, stay connected and go to PROGRAM KEYS to add any additional keys you may have. (If needed)

TOYOTA 2011 - REMOTES

PROGRAM REMOTE - TYPE 4

(Use this method to program the Remote portion of remote head keys on G KEY System Toyota's)

Even though the transponder programs with Immo TYPE 5 we use TYPE 4 on the Remotes Menu for the Remote Programming.



The RKE program separate from the transponder on TOYOTA G chip remote head keys.

Be careful when programming remote head keys there are several different FCC ID's for the remote components. They are not interchangeable and must be correct for the vehicle you are working on.

A prudent tip for doing these is to Program in the remote portion BEFORE cutting the blade. Use another key or a metal work key to turn the ignition ON during the procedure.



VEHICLE SELECTION
mitsubishi
NISSAN
SUZUKI
> TOYOTA
V.W./AUDI GROUP

ECU IDENTIFICATION
TOYOTA TYPE 4
PRESS ENTER KEY

PROGRAM REMOTE
PRESS LOCK & UNLOCK TOGETHER FOR 4 Sec.
PRESS UNLOCK BUTTON FOR 1 SEC
BACK' TO EXIT

VEHICLE SELECTION
Immobilizer
> REMOTE
PROXIMITY

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

Note: Press the Lock & Unlock buttons together for 4 seconds and quickly press Unlock button for 1 second. You must be fast on the button operation.

PRESS the BACK BUTTON to COMPLETE THE PROGRAMMING.

VEHICLE SELECTION
TYPE 1
TYPE 2
TYPE 3
> TYPE 4

DIAGNOSTIC MENU
ERASE REMOTES
> PROGRAM REMOTE

SWITCH IGNITION ON
PRESS ENTER KEY

PROGRAM REMOTE
SYSTEM WILL BEEP WHEN COMPLETE
PRESS ENTER KEY

PROGRAM REMOTE
PROCEDURE COMPLETE
PRESS ENTER KEY

TOYOTA 2011 - *PROX*

Types of TOYOTA PROX in Use for 2010 / 11

2010-2011 Toyota PRIUS Prox Remotes



NEW Optional Proximity Transponder for 2011 Sienna Van



Used Toyota/Lexus Proximity key warning!

Prox keys that are not BRAND NEW cannot be simply ADDED.
There is a work around trick that will usually allow you to program in an already used Prox.

1. Perform an Immobilizer reset introducing the used key first.
2. Once you have the used key programmed and working use PROGRAM PROX to add back in the original working Prox key(s).

MVP users take note: The above method may not always work 100%.

Brand new keys from a reputable dealer is what we recommend.

These program in 100% without issue.

Cross Interference:

It has been our experience that on occasion there can be cross signal interference when 2 or more Prox remotes are in the vehicle at the same time. During Programming keep only one Prox remote in the car at a time because of this.

Weak Prox Batteries:

Also, when using NEW Prox remotes if they get a failure it can be because the battery in the Prox is slightly weak from sitting around in the parts dept. and may not program in until the Prox battery is changed.

TOYOTA 2011 - *PROX*

RESET Immobilizer - TYPE 6

(Use this method if you have no Prox Remotes)

VEHICLE SELECTION	
+ AUDI	+ LANDROVER
+ BMW	+ LEXUS
+ CADILLAC	+ MAZDA
+ CHEVROLET	+ MERCEDES
+ CHRYSLER	+ MITSUBISHI
+ DAEWOO USA	+ NISSAN
+ DODGE	+ PONTIAC
+ FORD	+ ROVER
+ GM (USA)	+ SAAB
+ HONDA/ACURA	+ SATURN
+ HYUNDAI	+ SUBARU
+ INFINITI	+ TOYOTA
+ ISUZU	+ V.W. /AUDI GROUP
+ JAGUAR	+ VOLKSWAGEN
+ JEEP	VERSION
+ KIA	

VEHICLE SELECTION	
TYPE 3	
TYPE 4	
TYPE 5	
TYPE 6	

Now you will need to use your Smart Card to continue. If you do not have the Smart Card system then you will need to use WEB Security to gain access and continue.

VEHICLE SELECTION	
+ USA	

SMART CARD SECURITY	
ACCESS GRANTED	

VEHICLE SELECTION	
+ BY SYSTEM	

SWITCH IGNITION ON	
PRESS ENTER KEY	

VEHICLE SELECTION	
+ Immobilizer	
+ REMOTE	
+ PROXIMITY	

IGNORE this message:
The Ignition DOES NOT have to be turned "ON"

TOYOTA 2011 - *PROX*

RESET Immobilizer - TYPE 6

Continued....

DIAGNOSTIC MENU
> ECU IDENTIFICATION
> FAULT CODES
> ACTUATORS
> SPECIAL FUNCTIONS

RESET Immobilizer
PLEASE WAIT
TIME REQUIRED 16:00
TIME ELAPSED 00:00
BACK TO EXIT



DIAGNOSTIC MENU
> PROGRAM KEYS
> ERASE KEYS
> RESET Immobilizer
> ID REG ENG START
> ID REG SMART BOX

RESET Immobilizer
PROCEDURE COMPLETE
PRESS ENTER KEY

RESET Immobilizer
PLEASE INSURE THAT THE DRIVER DOOR IS OPEN DURING THE PROCEDURE
PRESS ENTER KEY

After performing the "RESET Immobilizer" procedure -

Each Prox must be programed Separately.

Use the "PROGRAM KEYS" to program your first key (Prox).

Make sure the car's battery remains at or above 12 volts and the drivers door stays open during the 16 minute RESET Procedure.

TOYOTA 2011 - *PROX*

PROGRAM PROX - TYPE 6

(Use this method if you have at least 1 Prox Remote)

NOTE: If you do not have an existing Prox Remotes you must use the "Reset Immobilizer" procedure to Reset the Immobilizer system.

VEHICLE SELECTION

+ AUDI	+ LANDROVER
+ BMW	+ LEXUS
+ CADILLAC	+ MAZDA
+ CHEVROLET	+ MERCEDES
+ CHRYSLER	+ MITSUBISHI
+ DAEWOO USA	+ NISSAN
+ DODGE	+ PONTIAC
+ FORD	+ ROVER
+ GM (USA)	+ SAAB
+ HONDA/ACURA	+ SATURN
+ HYUNDAI	+ SUBARU
+ INFINITI	+ TOYOTA
+ ISUZU	+ V.W. /AUDI GROUP
+ JAGUAR	+ VOLKSWAGEN
+ JEEP	VERSION
+ KIA	

↓

VEHICLE SELECTION

+ USA

VEHICLE SELECTION

+ BY SYSTEM

VEHICLE SELECTION

+ Immobilizer

+ REMOTE

+ PROXIMITY

VEHICLE SELECTION

TYPE 3

TYPE 4

TYPE 5

TYPE 6

Now you will need to use your Smart Card to continue. If you do not have the Smart Card system then you will need to use WEB Security to gain access and continue.

SMART CARD SECURITY

ACCESS GRANTED

PRESS ENTER KEY

PROGRAM PROX - TYPE 6

Continued....



SWITCH IGNITION ON

PRESS ENTER KEY

DIAGNOSTIC MENU

- > ECU IDENTIFICATION
- > FAULT CODES
- > ACTUATORS
- > SPECIAL FUNCTIONS

DIAGNOSTIC MENU

- > PROGRAM KEYS
- > ERASE KEYS
- > RESET Immobilizer
- > ID REG ENG START
- > ID REG SMART BOX

PROGRAM KEYS

NUMBER OF KEYS
X (4 MAX)

PRESS ENTER KEY

PROGRAM KEYS

TOUCH ENGINE SW
WITH EMBLEM SIDE
OF REGISTERED KEY
TIME XX

BACK' TO EXIT.

PROGRAM KEYS

KEY DETECTED
REMOVE KEY

TIME XX

PROGRAM KEYS

TOUCH ENGINE SW
WITH EMBLEM SIDE
OF NEXT NEW KEY
TIME XX

PRESS ENTER TO CONT.

If the Prox is not detected:

1. Check that it's the correct part number. (Many look a like but are incompatible)
2. That the battery inside the Prox is new.
3. That the battery voltage on the vehicle is at least 12 volts.

PROGRAM KEYS

PLEASE WAIT

BACK' TO EXIT.

PROGRAM KEYS

PROCEDURE COMPLETE
NUMBER OF KEYS X

PRESS ENTER KEY

MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*



2004-2009 Toyota Prius Programming

“SPECIAL INSTRUCTIONS”

Prius '04-'09 **Special Instructions**

CAUTION:
**YOU MUST CONNECT TO THE
OBD2 PORT WITH THE
ORANGE DONGLE “M”**

Necessary Steps to Successful Programming:

- 1) Must Have Orange Dongle “M”.
- 2) Must Have MVP Pro or TCODE Pro with ADS-150 software.
- 3) Read and Follow these Instructions.
- 4) There is no difference in the programming procedure for cars with Smart Access Proximity and cars without.
- 5) Models that do not have Smart Access require the Remote - Fob to be in the Learning Slot to start the car, always.
- 6) It is recommended to only use new Fobs. Fobs from other cars and used Fobs from “who knows where” are not advised because of problems programming them into the Wireless ECU.
- 7) The maximum number of programmed Fobs is 4.

Prius '04-'09 **Special Instructions**

Security Components

All Prius 2004-2009 models have a Push Start Button on the dash.



The Proximity / Remote Fob "Learning Slot" is located on the right side of the driver's dash.

On models without the "Smart Access" feature installed the Prox must be inserted into the slot for the vehicle to be driven.



Dealer Part# 89070-47180
Black logo on back is for basic Prius models and do not have Smart Access Proximity.



Dealer Part# 89994-47061
Chrome logo on back is for Smart Access Proximity Prius models.

Smart Access Proximity Prius models have a Rubber Push Button on the front door handles.

This makes it easy to tell by just looking at the car which FOB to use.

The different Fobs shown above are NOT interchangeable.



Models with the Smart Access Proximity system have a "Lock-Out" button on the bottom of the dash, below the steering column.

Make sure the button is in the "Out" position (not depressed).

Prius '04-'09 Special Instructions

Programming Overview

Programming Fob keys on '04-'09 Prius is a TWO STEP procedure.

STEP #1- Program the Immobilizer so that the FOB starts the vehicle.

STEP #2- Program the wireless functions so that the RKE buttons on the FOB lock and unlock the vehicle and if it's a Smart Access model, the Fob will allow the car to start without inserting the fob in the slot.

TYPE 2 IMMOBILIZER SPECIAL FUNCTIONS:

QUICK RESET Immobilizer: ("NEW" Available on Type 2 Immobilizer)

This function allows you to erase all Fobs and to place the immobilizer in "Auto Learn Mode" instantly without having to go thru the 16 or 30 minute security delay found on the older regular Reset. On Prius this function is used when the customer has lost all their Fobs and you want to program 1 or 2 Keys.

RESET Immobilizer: (Old way of resetting with security delay, now replaced with QUICK RESET).

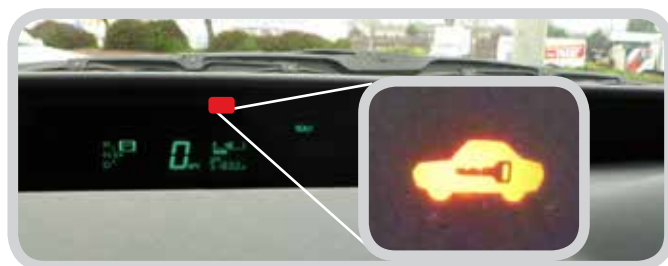
This function allows you to erase all keys and to place the immobilizer in the "Auto Learn Mode". This function is used when the customer has lost all their Fobs and you want to program in more than 2 keys (up to 4 Max.)

NOTE: The quick reset can be used if you only want to program in 1 or 2 Fobs. However, on Prius the quick reset will only allow TWO keys to be programmed.

PROGRAM KEY: This function allows you to add a Fob to the car's immobilizer system as long as you have an existing pre-programmed Fob to start with.

ERASE KEYS: This function allows you to erase all Fobs except the key in the ignition lock at the time.

Note: These functions ONLY pertain to the cars immobilizer the RKE and or Prox functions are completely separate. (Step #2)



The Security Theft light is located in the instrument cluster.

MVP & TCODE - PRO

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**If you have no
existing programmed Fobs.**

**Follow the two step procedure
on the next page.**

Used Prius Fob Key Warning!

Fob keys that are not BRAND NEW cannot be simply ADDED.

There is a work around trick that will usually allow you to program in an already used Prox.

1. Perform an Immobilizer reset introducing the used key first.
2. Once you have the used key programmed and working use PROGRAM PROX to add back in the original working Prox key(s).
3. On 2004-2009 Prius a Proximity Type5 RESET ECU function must also be performed and the used Fob's RKE added in 1st, then any pre-existing keys added back in 2nd.

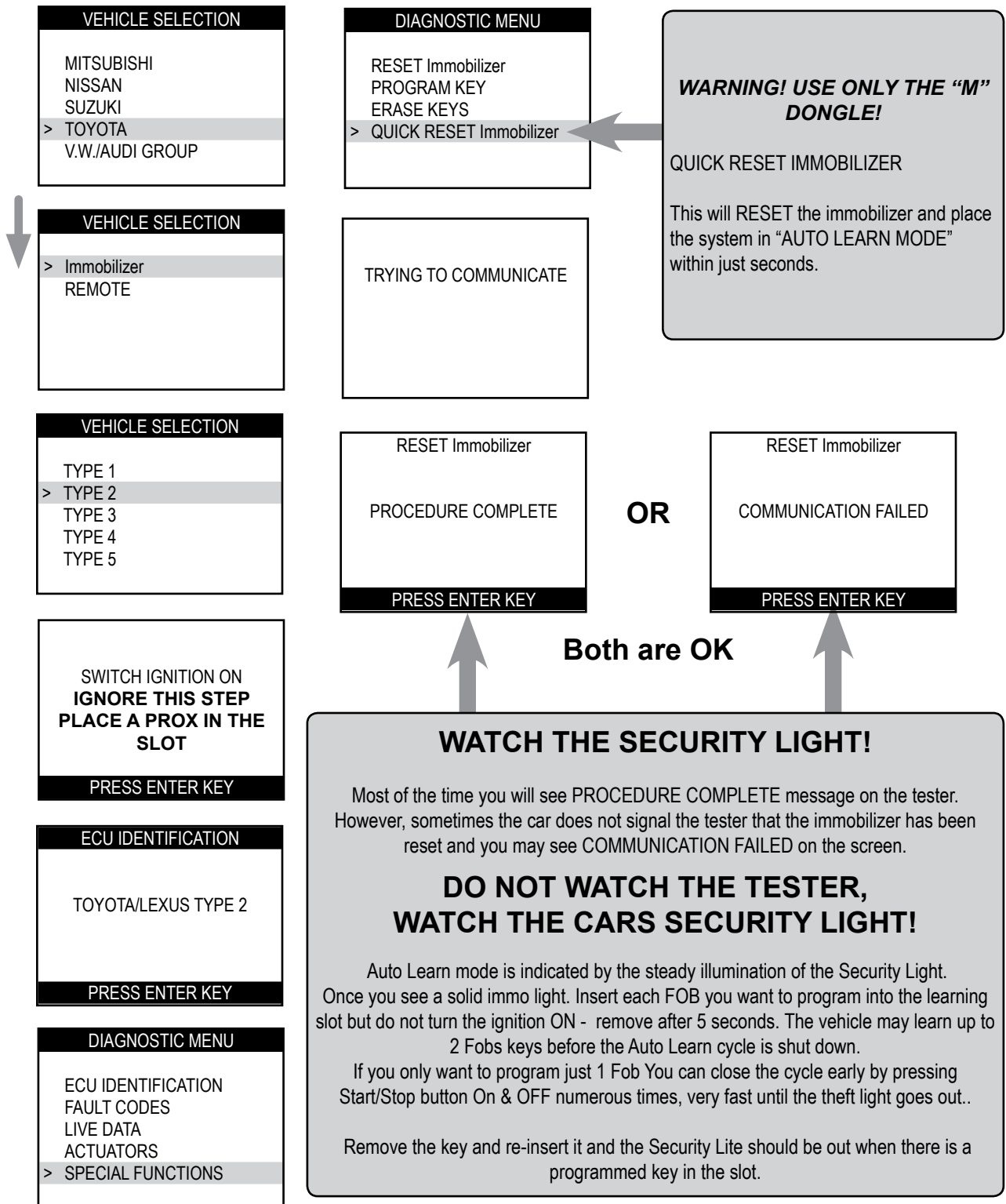
MVP users take note: The above method may not always work 100%.

Brand new keys from a reputable dealer is what we recommend.

These program in 100% without issue.

Prius '04-'09 Special Instructions

STEP #1 if you have no Working Prox Fobs



Prius '04-'09 Special Instructions

STEP #2 if you have no Working Prox Fobs (Programs the Remote/Prox functions on the Prox)

IMPORTANT TRICK TO TURN THE CAR ON AND STILL HAVE THE PROX IN YOUR HANDS:

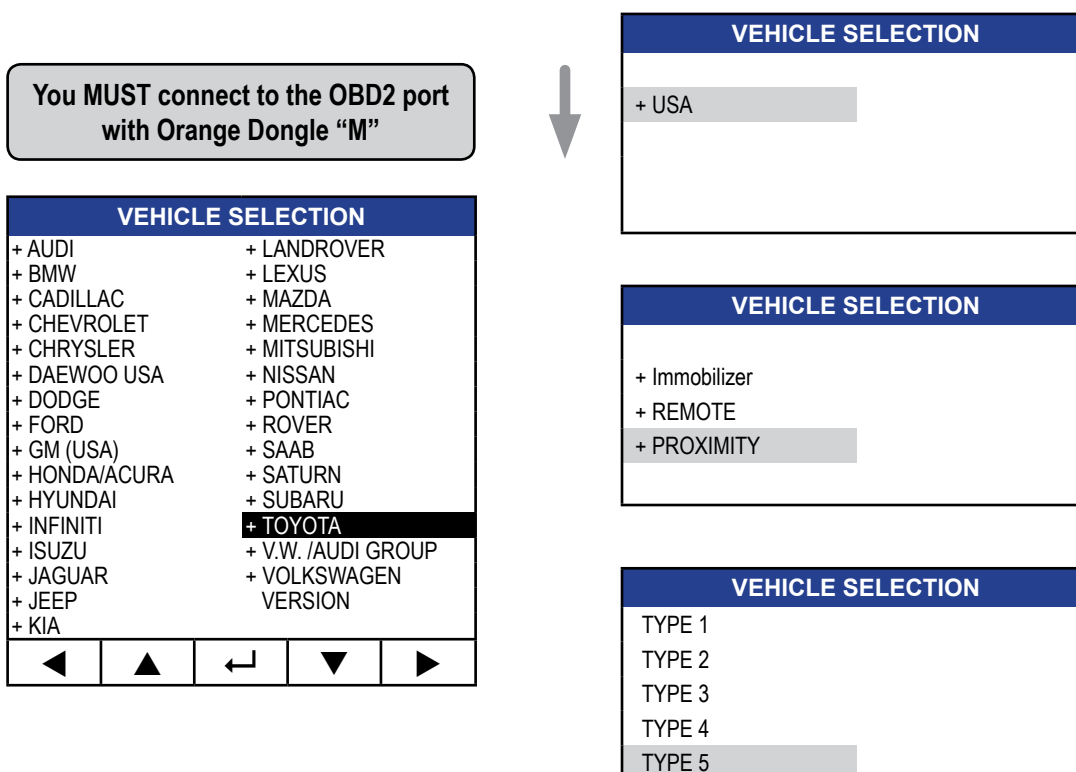
To program the wireless (RKE) we need to trick the car into thinking there is a Prox in slot so we can turn on the vehicle without the Prox actually being in the slot.

The idea is to have the car turned ON but to have the Prox in your hands so you can easily push the RKE buttons when necessary.

Here's how it's done; Put the Prox all the way in the slot, then step on the brake, pull the Prox out just a bit (this is done using very little force) until you hear a click, then press the start button.

Now that the car is on (you should see the dash light up) and you can remove the Prox from the slot.

Note-because we stepped on the brake and the car is ON the vehicle's gas engine will come on if the voltage gets near 12 Volts or less and so you don't have to worry about having low power in the battery or using jumper cables because the car will charge itself.



Prius '04-'09 **Special Instructions**

STEP #2 Continued from previous page

Use your
Smart Card and
avoid the Web
Security Access.



Make sure that the vehicle is turned "ON"
See trick on the previous page to turn the
car ON without the Fob trapped in the
slot.

ECU IDENTIFICATION

TOYOTA/LEXUS REMOTE TYPE3

It's normal for the ECU ID screen here to
read TYPE3 even though we are actually
selecting PROXIMITY TYPE5

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

PROGRAM REMOTE
ERASE REMOTE
> RESET ECU

RESET ECU will clear all programmed
Prox's from memory

RESET Immobilizer

PLEASE INSURE THAT
THE DRIVER DOOR IS -
OPEN DURING THE
PROCEDURE

PRESS ENTER KEY

Even though the screen above says
immobilizer we are actually resetting the
Prox and RKE functions here.

Make sure the drivers door does not
close during the following steps or the
procedure will fail.

PROGRAM KEYS

PROCEDURE COMPLETE

PRESS ENTER KEY

If the screen above comes up right away
without going thru the 16 min. reset time
this is a "glitch" in the software. Stay
connected and go back to the menu and
select RESET ECU again. The driver's
door open warning screen should come
up and then the following screen should
be next.....

continued on next page >

Prius '04-'09 Special Instructions

RESET Immobilizer

PLEASE WAIT

TIME REQUIRED 16:00

BACK TO EXIT

The screen above will not count down or change but should change automatically after the 16minutes elapses to display PROCEDURE COMPLETE.

PROGRAM KEYS

PROCEDURE COMPLETE

PRESS ENTER KEY

DIAGNOSTIC MENU

> PROGRAM REMOTE

ERASE REMOTE

RESET ECU

PROGRAM KEYS

SWITCH IGNITION ON

PRESS ENTER KEY

The ignition should still be ON so just leave it that way here....

PROGRAM KEYS

KEYS PROGRAMMED

KEYS 0

PRESS ENTER KEY

The ECU RESET was completed successfully if KEYS PROGRAMMED now reads zero (as shown above).

PROGRAM KEYS

WITH NEW KEY

PRESS LOCK & UNLOCK
TOGETHER FOR 1 Sec.

PRESS LOCK BUTTON

PRESS ENTER KEY

Press & hold the lock button on the Fob until you hear faint beep from the car.

KEYS PROGRAMMED

KEYS 1

PRESS ENTER KEY

PROGRAM KEYS

PROCEDURE COMPLETE

PRESS ENTER KEY

You should be all done with completely programming ONE key at this point.

MVP & TCODE - PRO

Powered by *ADVANCED DIAGNOSTICS USA*

**If you have 1 or more
existing programmed Fobs.**

**Follow the procedure on the
next page.**

Used Prius Fob Key Warning!

Fob keys that are not BRAND NEW cannot be simply ADDED.

There is a work around trick that will usually allow you to program in an already used Prox.

1. Perform an Immobilizer reset introducing the used key first.
2. Once you have the used key programmed and working use PROGRAM PROX to add back in the original working Prox key(s).
3. On 2004-2009 Prius a Proximity Type5 RESET ECU function must also be performed and the used Fob's RKE added in 1st, then any pre-existing keys added back in 2nd.

MVP users take note: The above method may not always work 100%.

Brand new keys from a reputable dealer is what we recommend.

These program in 100% without issue.

Step 1 - If you have 1 or more existing Fobs

Program Immobilizer - Type 2

You MUST connect to the OBD2 port
with Orange Dongle "M"

VEHICLE SELECTION

+ AUDI	+ LANDROVER
+ BMW	+ LEXUS
+ CADILLAC	+ MAZDA
+ CHEVROLET	+ MERCEDES
+ CHRYSLER	+ MITSUBISHI
+ DAEWOO USA	+ NISSAN
+ DODGE	+ PONTIAC
+ FORD	+ ROVER
+ GM (USA)	+ SAAB
+ HONDA/ACURA	+ SATURN
+ HYUNDAI	+ SUBARU
+ INFINITI	+ TOYOTA
+ ISUZU	+ V.W. /AUDI GROUP
+ JAGUAR	+ VOLKSWAGEN
+ JEEP	VERSION
+ KIA	

Navigation buttons: Left, Up, Enter, Down, Right

VEHICLE SELECTION

+ USA

You will be prompted to "Turn the Ignition Switch On". Make sure there is a existing already programmed Remote Fob in the Learning Slot. Press the Start button to turn on the dash lights in the instrument cluster.

VEHICLE SELECTION

+ Immobilizer

+ REMOTE

+ PROXIMITY

VEHICLE SELECTION

TYPE 1

TYPE 2

TYPE 3

TYPE 4

ECU IDENTIFICATION

TOYOTA/LEXUS TYPE 2

DIAGNOSTIC MENU

ECU IDENTIFICATION

FAULT CODES

LIVE DATA

ACTUATORS

> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

RESET Immobilizer

> PROGRAM KEYS

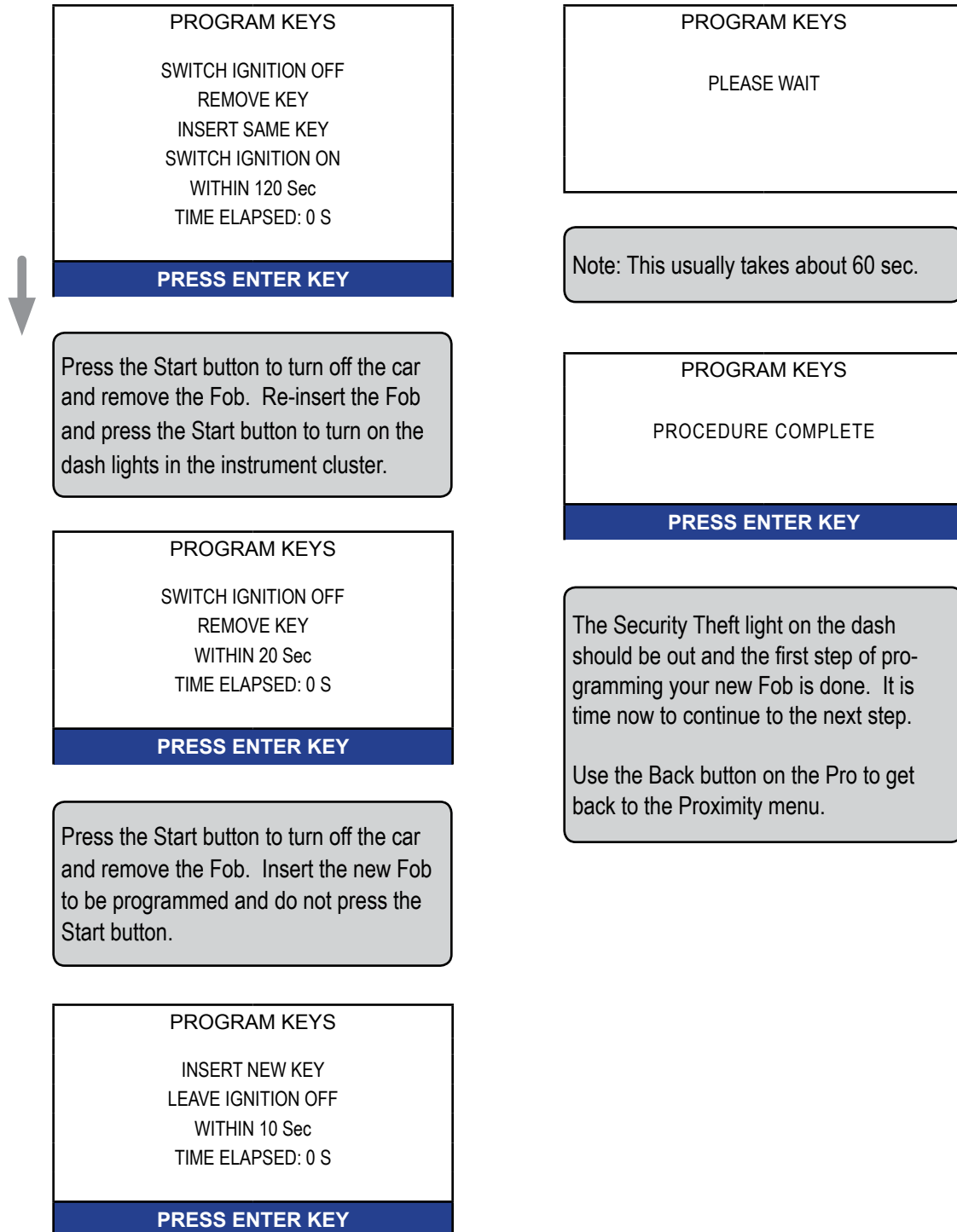
ERASE KEYS

QUICK RESET Immobilizer.



Program Immobilizer - Type 2

continued...



Program RKE / PROX - Type 5

continued...

Now that the immobilizer has been programmed, proceed to programming the wireless & or RKE functions of the Prox remote or remotes you want to program. This can be done with the tool or using the On-Board procedure detailed later in this section.

You MUST connect to the OBD2 port
with Orange Dongle "M"

VEHICLE SELECTION	
+ AUDI	+ LANDROVER
+ BMW	+ LEXUS
+ CADILLAC	+ MAZDA
+ CHEVROLET	+ MERCEDES
+ CHRYSLER	+ MITSUBISHI
+ DAEWOO USA	+ NISSAN
+ DODGE	+ PONTIAC
+ FORD	+ ROVER
+ GM (USA)	+ SAAB
+ HONDA/ACURA	+ SATURN
+ HYUNDAI	+ SUBARU
+ INFINITI	+ TOYOTA
+ ISUZU	+ V.W. /AUDI GROUP
+ JAGUAR	+ VOLKSWAGEN
+ JEEP	VERSION
+ KIA	

↓

◀ ▶ ↶ ↷ ▶▶

VEHICLE SELECTION
+ Immobilizer
+ REMOTE
+ PROXIMITY

VEHICLE SELECTION
TYPE 1
TYPE 2
TYPE 3
TYPE 4
TYPE 5

Use your
Smart Card and
avoid the Web
Security Access.



VEHICLE SELECTION
+ USA

Make sure that the vehicle is turned "ON"
See trick on Page TOYOTA 48. to turn
the car ON without the Fob trapped in the
slot.
You want the car ON and both Fobs old
and new in your hands.

Program RKE / PROX - Type 5

continued...

**ECU IDENTIFICATION**

TOYOTA/LEXUS REMOTE TYPE3

It's normal for the ECU ID screen here to read TYPE3 even though we are actually selecting PROXIMITY TYPE5

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

> PROGRAM REMOTE
ERASE REMOTE
RESET ECU

PROGRAM KEYS

KEYS PROGRAMMED
KEYS X

PRESS ENTER KEY**PROGRAM KEYS**

WITH ORIGINAL KEY
PRESS THE LOCK BUTTON

PROGRAM KEYS

WITH NEW KEY
PRESS LOCK & UNLOCK
TOGETHER FOR 1 Sec.
PRESS LOCK BUTTON

PRESS ENTER KEY

Hold the Prox up in the general area around the center of the steering wheel when pressing the buttons. Registration may take up to 5 seconds. Pressing "unlock again or any other buttons may cause the procedure to fail.

KEYS PROGRAMMED
KEYS X

PRESS ENTER KEY**PROGRAM KEYS**

PROCEDURE COMPLETE

PRESS ENTER KEY

You should be all done at this point.

Alternative - On-Board Programming for Prox and RKE functions

*Included here as a courtesy,
Not supported by Tech Support.*

Step 1- It's very important to make sure all the doors are closed except the drivers door, that remains open.

Step 2- insert the Prox in and out of the slot twice.

Step 3- close drivers door twice, then leave it open.

Step 4- insert the Prox in slot once and pull it out.

Step 5- close the drivers door twice, then leave it open.

Step 6- insert the Prox in the slot & leave it in.

Step 7- close the drivers door once.

Step 8- turn the ignition on once, then turn it off.

Step 9- take the Prox out of the slot and the door locks should cycle.

Step 10- Next press the lock & unlock buttons together on the Prox for 1 second. Then press the lock button for 3 seconds.

Step 11- locks should cycle.

Step 12-To exit the learning mode open the door & close it.
Now open it again.

You are done! Now test your Prox key functions to be sure they work.

Prius '04-'09 Trouble Shooting

Common Problems with Programming Fobs into Prius models:

- *Used or worn out Fob -*

⇒ Check the status of the Fob trying to be programmed. • Is it new? • Was it from another car? • Has it stopped working and now the customer wants it programmed again? • There is a battery in it that might need replacing. • Some just wear out and must be replaced with a new one. Brand new remote's will always program, unless of course, there is something actually wrong with the car.

- *Either one of the 2 steps did not complete successfully.*

⇒ Have you checked to see whether the fobs were programmed into the immobilizer system. The Security Theft is out when there is a Fob in the Learning Slot? It may be necessary to close the immobilizer cycle manually. Put a already programmed Fob in the Learning Slot and press the Start button 5 times ON and Off. This should close the cycle manually. • Remember the car can hold only 4 Fobs into memory, it may be necessary to erase if you are trying to only Add a Fob into memory.

NOTE: Quick reset Immobilizer on Prius will only allow TWO keys to be programmed.
Use a Regular Reset if all keys are lost and you want to program more than 2 keys.

- *The Smart Access Fobs have programmed successfully but the car does unlock when I try from the outside.*

⇒ The "Lock Out" switch (under the steering column) has been depressed and is in Lock Out mode.

- *The Smart Access Fobs have programmed successfully but the car will not Start unless I insert the Fob into the Learning Slot.*

⇒ Check the "Lock Out" switch (under the steering column) and see if it has been depressed and is in Lock Out mode. Next, does the car actually have Smart Access? If there are no Rubber Push Buttons on the front outside door handles - there is no Smart Access on this car. Therefore there is no Proximity system, just a simple wireless system to lock and unlock the doors. You must insert the Fob into the Learning Slot to Start and drive the car.

- *The ABS & VSC light stays on or Flashes and the car will not move.*

⇒ Follow the procedure on the next page to reset the ABS dash lights. This is triggered when not using the correct dongle while the Pro is connected to the car. Programming using the M dongle will NOT cause this problem.

Resetting the ABS Dash Lights

ABS & VSC lights are triggered when not using the correct dongle while the Pro is connected to the car.



Do not press the brake pedal during this procedure.

You **MUST** connect to the OBD2 port with Orange Dongle "M"

Select on the PRO:
Toyota>USA>



VEHICLE SELECTION

+ USA

VEHICLE SELECTION

+ Immobilizer
+ REMOTE
+ PROXIMITY
ABS / VCS

Use your
Smart Card and
avoid the Web
Security Access.



The car must remain in the Off position.
Do not press the Start button.

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

> RESET ABS VSC LIGHT

RESET ABS VSC LIGHT

ABS AND VSC LIGHTS
WILL FLASH

RESET ABS VSC LIGHT

PLEASE WAIT
THIS WILL
TAKE 3 MINUTES
DO NOT TOUCH BRAKE
XX m XXs

RESET ABS VSC LIGHT

PROCEDURE COMPLETE
ABS AND VSC LIGHTS
SHOULD NOT BE
FLASHING

RESET ABS VSC LIGHT

DISCONNECT TESTER

NEW “H” Transponder for 2010-2013 Toyota Keys

Toyota has released a new transponder chip for 2013 Rav-4 & 2014 Corolla. This new chip has 80-Bit encryption to prevent cloning.

The new key can be easily identified by the H stamped on the blade



“H” KEY SYSTEMS Program using: TOYOTA IMMO TYPE 6

Just like on earlier Toyota systems factory keys with grey plastic heads are VALET keys & cannot be used to perform a RESET or to introduce more keys into the system with the MVP or T-Code.

How to tell if a programmed key is a MASTER or a VALET?

Valet key- when first inserted into the ignition lock, the Security Light will stay on for 2 seconds and then stay off.

Master key- when inserted into the ignition lock, the Security Light will not illuminate at all.

TYPE 6 SPECIAL FUNCTIONS:

RESET Immobilizer: This function erases all keys and programs in 1 Master Key. This function is used when the customer has lost all their Master keys. (Takes Approx. 16 minutes)

PROGRAM KEY: This function allows you to add a Master or a Valet key to the car's immobilizer system as long as you have an existing pre-programmed Master key to start with.

ERASE KEYS: This function allows you to erase all keys except the key in the ignition lock at the time.

Program Master Key: This function is on the TYPE 6 menu for only one purpose. It is there only for when for some reason a RESET Immobilizer procedure has been partially completed but was for whatever reason (drivers door shut halfway thru or wrong transponder key used) a Master Key was not programmed in successfully.

In cases like this the Immobilizer has already been Reset, so you need to be able to perform this function separately because if you try and start off with Reset Immobilizer the procedure will fail because the Immobilizer has already been Reset.

Program Master Key can only be used for this purpose. Do not use it unless you have the situation described above.

RESET Immobilizer - TYPE 6

Use this method for
LOST KEYS when you have
no programmed Master Keys
available.

VEHICLE SELECTION	
+ AUDI	+ LANDROVER
+ BMW	+ LEXUS
+ CADILLAC	+ MAZDA
+ CHEVROLET	+ MERCEDES
+ CHRYSLER	+ MITSUBISHI
+ DAEWOO USA	+ NISSAN
+ DODGE	+ PONTIAC
+ FORD	+ ROVER
+ GM (USA)	+ SAAB
+ HONDA/ACURA	+ SATURN
+ HYUNDAI	+ SUBARU
+ INFINITI	+ TOYOTA
+ ISUZU	+ V.W. /AUDI GROUP
+ JAGUAR	+ VOLKSWAGEN
+ JEEP	VERSION
+ KIA	

Navigation buttons: Left, Right, Up, Down, Enter



VEHICLE SELECTION	
+ USA	

Navigation buttons: Left, Right, Up, Down, Enter



Use your
Smart Card and
avoid the Web
Security Access.



SMART CARD SECURITY	
ACCESS GRANTED	

PRESS ENTER KEY

SWITCH IGNITION ON	
PRESS ENTER KEY	

VEHICLE SELECTION	
+ BY SYSTEM	

Navigation buttons: Left, Right, Up, Down, Enter

VEHICLE SELECTION	
+ Immobilizer	
+ REMOTE	
+ PROXIMITY	

Navigation buttons: Left, Right, Up, Down, Enter

DIAGNOSTIC MENU	
> ECU IDENTIFICATION	
> FAULT CODES	
> ACTUATORS	
> SPECIAL FUNCTIONS	

DIAGNOSTIC MENU	
> PROGRAM KEYS	
> ERASE KEYS	
> RESET Immobilizer	
> SELF TEST	

RESET Immobilizer - TYPE 6

Continued...



RESET Immobilizer

PLEASE INSURE THAT
THE DRIVER DOOR IS
OPEN DURING THE
PROCEDURE

PRESS ENTER KEY

PROGRAM KEY

PLEASE WAIT
45 Sec
TIME ELAPSED: 0

RESET Immobilizer

PLEASE WAIT

TIME REQUIRED 16:00
TIME ELAPSED 00:00
BACK TO EXIT

PROGRAM KEY

PROCEDURE COMPLETE

PRESS ENTER KEY

RESET Immobilizer

PROCEDURE COMPLETE

TURN IGNITION OFF
REMOVE KEY
INSERT KEY
SWITCH IGNITION ON

PRESS ENTER KEY

PROGRAM KEY

INSERT MASTER KEY
SWITCH IGNITION ON

PRESS ENTER KEY

IMPORTANT NOTES:

On Toyota Type 636 it's important to make sure the immobilizer light stops blinking at the end of the procedure. It's also important to Press Enter prior to disconnecting the tester.

Make sure to wait until the light stops blinking and also press Enter before disconnecting the tester.

If you are using MVP, stay connected and go to PROGRAM KEYS to add any additional keys you may have. (If needed)

PROGRAM KEYS - TYPE 6

(Use this method if you have at least 1 Master Key.)

NOTE: If you do not have an existing Master key you must use the "Reset Immobilizer" procedure to Reset the Immobilizer system. A Valet key will not work as a substitute for a Master Key.

VEHICLE SELECTION	
+ AUDI	+ LANDROVER
+ BMW	+ LEXUS
+ CADILLAC	+ MAZDA
+ CHEVROLET	+ MERCEDES
+ CHRYSLER	+ MITSUBISHI
+ DAEWOO USA	+ NISSAN
+ DODGE	+ PONTIAC
+ FORD	+ ROVER
+ GM (USA)	+ SAAB
+ HONDA/ACURA	+ SATURN
+ HYUNDAI	+ SUBARU
+ INFINITI	+ TOYOTA
+ ISUZU	+ V.W. /AUDI GROUP
+ JAGUAR	+ VOLKSWAGEN
+ JEEP	VERSION
+ KIA	



VEHICLE SELECTION	
+ USA	

VEHICLE SELECTION	
+ BY SYSTEM	

VEHICLE SELECTION	
+ Immobilizer	
+ REMOTE	
+ PROXIMITY	

VEHICLE SELECTION	
TYPE 1	
TYPE 2	
TYPE 3	
TYPE 4	
TYPE 5	

Use your
Smart Card and
avoid the Web
Security Access.



SWITCH IGNITION ON
PRESS ENTER KEY

Read the tester screens carefully! At this step the key in the ignition must be an already programmed Master Key.

**Continued on next
page....**

PROGRAM KEYS - TYPE 6

Continued....

ECU IDENTIFICATION

TOYOTA KEY

PRESS ENTER KEY

DIAGNOSTIC MENU

- > ECU IDENTIFICATION
- > FAULT CODES
- > ACTUATORS
- > SPECIAL FUNCTIONS

DIAGNOSTIC MENU

- > PROGRAM KEYS
- > ERASE KEYS
- > RESET Immobilizer
- > SELF TEST

PROGRAM KEY

REMOVE KEY
INSERT KEY
SWITCH IGNITION ON
WITHIN 120 Sec
TIME ELAPSED: 0 S

PRESS ENTER KEY

PROGRAM KEY

SWITCH IGNITION OFF
REMOVE KEY
WITHIN 10 Sec
TIME ELAPSED: 0 S

PRESS ENTER KEY

PROGRAM KEY

INSERT NEW KEY
LEAVE IGNITION OFF
WITHIN 10 Sec
TIME ELAPSED: 0 S

PRESS ENTER KEY

VERY IMPORTANT:

Make sure to LEAVE IGNITION OFF here as instructed by the tester. If you turn the key on here you will get ERROR.

This is a very easy mistake to make.
READ THE TESTER SCREENS CAREFULLY!

PROGRAM KEY

PLEASE WAIT
TRYING TO COMMUNICATE
TIME ELAPSED: 0 S

PRESS ENTER KEY