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TOYOTA

LEXUS

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FAULT CODES

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MODEL	YEAR	SYST TYPE	Reset Imm System	Add or Rewrite Keys	Add or Rewrite Wireless	Live Data Feed	Fault Codes
4Runner	2001	1	Y	On Board	On Board	n/a	Y
	2002	1	Y	On Board	On Board	n/a	Y
	2003	2	Y	Y	On Board	Yes	Y
	2004	2	Y	Y	On Board	Yes	Y
Camry	2002	1	Y	On Board	On Board	n/a	Y
	2003	1 or 2	Y	On Board	On Board	n/a	Y
	2004	2	Y	Y	On Board	Yes	Y
Higlander	2001	1	V6	On Board	On Board	n/a	Y
	2002	1	V6	On Board	On Board	n/a	Y
	2003	1	V6	On Board	On Board	n/a	Y
	2004	1	Y	On Board	On Board	n/a	Y
Land-Cruiser	2001	1	Y	On Board	On Board	n/a	Y
	2002	1	Y	On Board	On Board	n/a	Y
	2003	2	Y	Y	Y	Yes	Y
	2004	2	Y	Y	Y	Yes	Y
MR2	2002	1	Y	On Board	On Board	n/a	Y
	2003	1	Y	On Board	On Board	n/a	Y
	2004	1	Y	On Board	On Board	n/a	Y
Prius	2004	2	Y	On Board	On Board	Yes	Y
RAV4	2002	1	Y	On Board	On Board	n/a	Y
	2003	1	Y	On Board	On Board	n/a	Y
	2004	1	Y	On Board	On Board	n/a	Y
Sequoia	2001	1	Y	On Board	On Board	n/a	Y
	2002	1	Y	On Board	On Board	n/a	Y
Sienna	2004	2	Y	Y	On Board	Yes	Y
Solara	2002	1	V6	On Board	On Board	n/a	Y
	2003	1	V6	On Board	On Board	n/a	Y
	2004	2	Y	On Board	On Board	n/a	Y

APPLICATIONS

A

MODEL	YEAR	SYS- TEM TYPE	Reset Imm System	Add or Rewrite Keys	Add or Rewrite Wireless	Live Data Feed	Read & Clear Faults
ES300	2002	1	Y	On Board	On Board	n/a	Y
	2003	1	Y	On Board	On Board	n/a	Y
GS300 IS300	2002	1	Y	On Board	On Board	n/a	Y
	2003	1	Y	On Board	On Board	n/a	Y
	2004	1	Y	On Board	On Board	n/a	Y
GS430	2001	1	Y	On Board	On Board	n/a	Y
	2002	1	Y	On Board	On Board	n/a	Y
	2003	1	Y	On Board	On Board	n/a	Y
	2004	1	Y	On Board	On Board	n/a	Y
LX470	2001	1	Y	On Board	On Board	n/a	Y
	2002	1	Y	On Board	On Board	n/a	Y
	2003	2	Y	Y	Y	Yes	Y
	2004	2	Y	Y	Y	Yes	Y

TOYOTA & LEXUS IMMOBILISER

MANUAL KEY REGISTRATION

The following list provides information about which models have the manual key registration, which is used when the Master key is available. These vehicles CANNOT be used with the tester or TCODE software to RESET the ECU.

The following European model codes have immobilisers that are capable of manual key registration:

Avensis	AT220 AT221 AZT220 ST220 CT220 CDT220 ZZT220 ZZT221
Camry	SXV20 MCV20
Celica	ZZT230 ZZT231
Corolla	CDE110 ZZE111 ZZE112 AE111 AE112 AE115 WZE110 EE111 AE111 AE115 CE110
Land Cruiser	KDJ90 KDJ95 UZJ100 FZJ105 HDJ100 HZJ105 VZJ90 VZJ95 KZJ90 KZJ95
MR2	ZZW30
Picnic	SXM10 CXM10
Previa	ACR30
Prius	NHW11
RAV4	ACA20 ACA21 ZCA25 ZCA26
Yaris	SCP10 NCP10 NCP11 NCP12 NCP20 NCP21 NCP22
Lexus IS200	GXE10

TOYOTA IMMOBILISER

RESET IMMOBILISER : (TYPE 1 & 2 IMMOBILISER)

This function allows you to erase all keys and to Auto Learn the new key in the ignition lock at the time. This function is used when the customer has lost all their keys.

PROGRAM KEYS : (TYPE 2 IMMOBILISER)

This function allows you to add a Master or Valet key to the cars immobiliser system as long as you have an existing pre-programmed Master Key to start with. The vehicles immobiliser system can tell the difference between the transponder chip in the key for Master or Valet.

ADD MASTER KEY : (TYPE 1 IMMOBILISER)

This function allows you to add a Master Key to the cars immobiliser system as long as you have an existing pre-programmed Master key to start with. The vehicles immobiliser system cannot tell the difference between the transponder chip in the key. So it is possible to program a Valet as a master into the immobiliser system.

ADD VALET KEY : (TYPE 1 IMMOBILISER)

This function allows you to add a Valet key to the cars immobiliser system as long as you have an existing pre-programmed Master key to start with. The vehicles immobiliser 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 immobiliser system.

ERASE KEYS : (TYPE 1 & 2 IMMOBILISER)

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



LEXUS IMMOBILISER

RESET IMMOBILISER : (TYPE 1 & 2 IMMOBILISER)

This function allows you to erase all keys and to Auto Learn the new key in the ignition lock at the time. This function is used when the customer has lost all their keys.

PROGRAM KEYS : (TYPE 2 IMMOBILISER)

This function allows you to add a Master or Valet key to the cars immobiliser system as long as you have an existing pre-programmed Master Key to start with. The vehicles immobiliser system can tell the difference between the transponder chip in the key for Master or Valet.

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This function allows you to add a Master Key to the cars immobiliser system as long as you have an existing pre-programmed Master key to start with. The vehicles immobiliser system cannot tell the difference between the transponder chip in the key. So it is possible to program a Valet as a master into the immobiliser system.

ADD VALET KEY : (TYPE 1 IMMOBILISER)

This function allows you to add a Valet key to the cars immobiliser system as long as you have an existing pre-programmed Master key to start with. The vehicles immobiliser 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 immobiliser system.

ERASE KEYS : (TYPE 1 & 2 IMMOBILISER)

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

ADD REMOTE : This function allows you to add the wireless remote key functions from the head of the Lexus Key.

ERASE REMOTE : This function allows you to erase all other wireless remote keys and keep the remote in the ignition lock at the time.

GENERAL OPERATION

B

TOYOTA IMMOBILISER—TYPE 1

COMPATABLE TRANSPONDER KEYS FOR THESE MODEL'S



TOYOTA MASTER KEYS			
MODEL	YEARS	FACTORY PART	NOTES
4 Runner	01-02		
Camry	2002		
Highlander	01-03		
Land Cruiser	01-02		No Remote
Land Cruiser	01-02		Remote
Sequoia	01-02		
Solara	02-03		

TOYOTA IMMOBILISER—TYPE 2

COMPATABLE TRANSPONDER KEYS FOR THESE MODEL'S



TOYOTA FACTORY MASTER KEYS			
MODEL	YEARS	FACTORY PART	NOTES
4 Runner	2004		
Highlander	2004		
Land Cruiser	03-04		REMOTE
Sequoia	2004		
Solara	2004		

NOTE : IF YOU ARE USING THE WRONG TYPE OF KEY, THE PROCEDURES WILL NOT WORK.

NO AFTERMARKET KEYS WILL WORK FOR THESE MODEL TYPES.

PLEASE USE ORIGINAL KEYS ONLY

TOYOTA IMMOBILISER—REMOTES—TYPE 2

COMPATIBLE TRANSPONDER KEYS FOR THESE MODEL'S



TOYOTA FACTORY REMOTE MASTER KEYS			
MODEL	YEARS	FACTORY PART	NOTES
Prius	2004		Smart Access System

Procedure

1. Open the driver's door.
2. Within 5 seconds, put the remote into the remote opening and remove 2 times
3. Close the drivers door and open again 2 times
4. Put the remote in the remote opening and remove
5. Close the drivers door and open again 2 times
6. Remove the remote in the remote opening and close ALL doors.
7. Turn the Power switch on for 1 second and then off.
8. Remove remote from remote opening.
9. The power door locks should now cycle 1 time.
10. Press the unlock and lock buttons at the same time for 1 second and then quickly press the unlock button for 1 second.
11. If the remote has been accepted the door locks should cycle once. If failed the door locks will cycle 2 times.
12. Open drivers door to end procedure.

NOTE : IF YOU ARE USING THE WRONG TYPE OF KEY, THE PROCEDURES
WILL NOT WORK.

NO AFTERMARKET KEYS WILL WORK FOR THESE MODEL TYPES.

PLEASE USE ORIGINAL KEYS ONLY

GENERAL OPERATION

B

TOYOTA IMMOBILISER— REMOTES—TYPE 2

MODEL	YEARS	ADD REMOTE	ERASE REMOTE	SYSTEM
Land Cruiser	2001-2002	On Board Programming	On Board Programming	Not Applicable
Land Cruiser	2003-2004	tester	tester	2

ADD REMOTE

Procedure

1. Make sure no keys are in the ignition lock and the drivers door is open and unlocked.
2. Put the key in the ignition and remove it.
3. Press the lock button for 1 second, press the unlock button for 1 second and repeat 5 times.
4. Close the drivers door and open it.
5. Press the lock button for 1 second, press the unlock button for 1 second and repeat 5 times.
6. Put the key in the ignition.
7. Turn ignition ON for 1 second and then off and remove key.
8. The power door locks should cycle once.
9. Press the unlock button for 2 seconds.
10. If the remote is programmed the doors will cycle once. If failed the doors will cycle 2 times.
11. Open drivers door to end procedure.

ERASE REMOTE

Procedure

1. Make sure no keys are in the ignition lock and the drivers door is open and unlocked.
2. Put the key in the ignition and remove it.
3. Press the lock button for 1 second, press the unlock button for 1 second and repeat 5 times.
4. Close the drivers door and open it.
5. Press the lock button for 1 second, press the unlock button for 1 second and repeat 5 times.
6. Put the key in the ignition.
7. Turn ignition ON for 1 second and then off for 1 second then on for 1 second and remove key.
8. The power door locks should cycle 2 times.
9. Press the lock and unlock button for 2 seconds, then press the unlock for 1 second.
10. If the remote is programmed the doors will cycle once. If failed the doors will cycle 2 times.
11. Open drivers door to end procedure.

GENERAL OPERATION

B

LEXUS IMMOBILISER—TYPE 1

COMPATIBLE TRANSPONDER KEYS FOR THESE MODEL'S



REMOTE MASTER KEYS			
MODEL	YEARS	PART No	NOTES
ES300	02-03		
GS300	02-04		
GS430	01-04		
LX470	01-02		
IS300	02-04		
IS300	02-04		SEDAN
IS300	02-04		Sort Cross



FACTORY PART :



FACTORY PART :

FACTORY PART :



GENERAL OPERATION

B

LEXUS IMMOBILISER—TYPE 2

COMPATABLE TRANSPONDER KEYS FOR THESE MODELS



REMOTE MASTER KEYS			
MODEL	YEARS	PART No	NOTES
ES330	2004		
GX470	03-04		
LS430	01-04		No Smart Access
LX470	03-04		
RX330	2004		W.pwr Hatch
RX330	2004		No pwr Hatch
SC430	02-04		



Valet

VALET KEYS		
MODEL	YEARS	PART No
ES330	2004	
GX470	03-04	
LS430	01-04	
LX470	03-04	
RX330	2004	
SC430	02-04	



FACTORY PART :

NOTE : IF YOU ARE USING THE WRONG TYPE OF KEY, THE PROCEDURES WILL NOT WORK.

NO AFTERMARKET KEYS WILL WORK FOR THESE MODEL TYPES.

PLEASE USE ORIGINAL KEYS ONLY

LEXUS IMMOBILISER—TYPE 2

COMPATIBLE TRANSPONDER KEYS FOR THESE MODELS



NOTE PROGRAMMING THIS TYPE OF KEY HEAD WILL ONLY START THE VEHICLE.

YOU WILL **NOT** BE ABLE TO PROGRAM THE REMOTE BUTTONS.

REMOTE KEYS				
MODEL	YEARS	TYPE	PART No	NOTES
LS430	2004	MASTER		With opt smart access
LS430	2004	VALET		With opt smart access



NOTE : IF YOU ARE USING THE WRONG TYPE OF KEY, THE PROCEDURES WILL NOT WORK.

NO AFTERMARKET KEYS WILL WORK FOR THESE MODEL TYPES.

PLEASE USE ORIGINAL KEYS ONLY

GENERAL OPERATION

B

LEXUS IMMOBILISER—REMOTE CONTROLS

MODELS	YEAR	ADD REMOTE	ERASE REMOTE	SYSTEM TYPE
ES300	2002-2004	On Board	On Board	N/A
ES330	2004	On Board	On Board	N/A
GS300	2002-2004	TESTER	TESTER	3
GS430	2001-2004	TESTER	TESTER	3
GX470	2003-2004	TESTER	TESTER	2
IS300	2002-2004	TESTER	TESTER	3
LS430	2001-2003	TESTER	TESTER	1
LS430	2004(a)	TESTER	TESTER	1
LS430	2004(b)	Not supported on smart access at this time		
LX470	2001-2002	On Board	On Board	N/A
LX470	2003-2004	TESTER	TESTER	2
RX330	2004	TESTER	TESTER	2
SC430	2002-2004	TESTER	TESTER	1

(a) For LS430 models WITHOUT the Smart Access System

(b) For LS430 models WITH the Smart Access System

LEXUS IMMOBILISER—REMOTE CONTROL (On board)

ADD REMOTE

Procedure

1. Make sure no keys are in the ignition lock and the drivers door is open and unlocked.
2. Within 4-5 seconds put the key in the ignition and remove 2 times.
3. Close the drivers door and open 2 times.
4. Put the key in the ignition and remove.
5. Close the drivers door and open 2 times.
6. Put the key in the ignition and close all doors.
7. Turn the ignition ON for 1 second then OFF.
8. Remove the key from the ignition.
9. The power locks should now cycle once.
10. Press the unlock and lock buttons at the same time for 1 second and then quickly press the unlock and lock buttons for 1 second again.
11. If the remote is programmed the doors will cycle once. If failed the doors will cycle 2 times.
12. Open drivers door to end procedure.

ERASE REMOTE

Procedure

1. Make sure no keys are in the ignition lock and the drivers door is open and unlocked.
2. Within 4-5 seconds put the key in the ignition and remove 2 times.
3. Close the drivers door and open 2 times.
4. Put the key in the ignition and remove.
5. Close the drivers door and open 2 times.
6. Put the key in the ignition and close all doors.
7. Turn the ignition ON for 1 second then OFF, then back onto ON for 1 second and then OFF.
8. Remove the key from the ignition.
9. The power locks should now cycle 2 times
10. Press the unlock and lock buttons at the same time for 1 second and then quickly press the unlock and lock buttons for 1 second.
11. If the remote is programmed the doors will cycle once. If failed the doors will cycle 2 times.
12. Open drivers door to end procedure.

SECURITY LIGHTS



LX470



LX470 &
LAND CRUISER



ES330



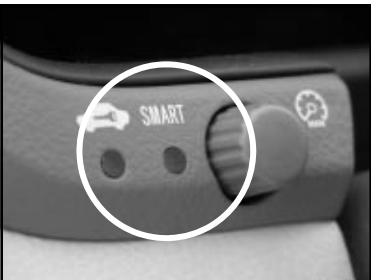
GS430



GX470



SC430



LS430



MR2

RESET IMMOBILISER

DIAGNOSTIC MENU

RESET IMMOBILISER
ADD MASTER KEY
ADD VALET KEY
ERASE KEYS

NOTE : This will cause ALL keys to be erased and the immobiliser to RESET itself.

Do NOT be impatient. Some vehicles go past 16 minutes.

If the timer goes past 35 Minutes, stop disconnect the tester and wait 20 seconds and try again.

RESET IMMOBILISER

GAINING ACCESS

TIME REQUIRED 16:00
TIME ELAPSED 0:28

NOTE 1 : Remove the master key and disconnect the tester.

Depending on the system fitted it will now be in 2 possible modes ..

1. The vehicle has learned the key that was in the ignition and has closed the learning cycle automatically. This happens on some Camry and Land Cruiser models.
2. The vehicle is now in Auto Learn Mode. Auto Learn mode is indicated by the steady illumination of security Light.

RESET IMMOBILISER
PROCEDURE COMPLETE

PRESS ENTER KEY

ADD MASTER KEY

DIAGNOSTIC MENU

RESET IMMOBILISER
ADD MASTER KEY
ADD VALET KEY
ERASE KEYS

NOTE 2 : If the security light is out, the Auto learn mode is closed and additional keys can be programmed with tester.

If the security light is ON steady then Auto learn is enabled and keys can now be programmed.

Insert key (DO NOT TURN ON), wait for 4 seconds and remove key. Repeat for all keys to be programmed. The last key programmed will automatically be set as the VALET key.

ADD MASTER KEY

WARNING
FOLLOW NEXT SCREENS
QUICKLY & CAREFULLY

To exit programming press the BRAKE pedal fast 6 times, with the Master key inserted.

PRESS ENTER KEY

SPECIAL FUNCTIONS

C

ADD MASTER KEY

SWITCH IGNITION OFF
REMOVE MASTER KEY-
WITHIN 20 sec
AND THEN PRESS ENTER
TIME ELAPSED : 1 S

Read carefully and follow the screen prompts.

ADD MASTER KEY

INSERT NEW MASTER KEY
WITHIN 10 Sec
LEAVE IGNITION OFF
AND THEN PRESS ENTER
TIME ELAPSED : 0S

Read carefully and follow the screen prompts.

ADD MASTER KEY

TIME ELAPSED : 2 S

This usually takes about 60 seconds. If the timer goes past 120 seconds, stop. The key is now likely programmed. Disconnect tester and test key.

ADD MASTER KEY

ADD MASTER KEY

PROCEDURE COMPLETE

TIME ELAPSED : 59 S

PRESS ENTER KEY

NOTE : If you get an error message screen, disconnect the tester and remove the key. Wait 20 seconds and start again. On this type, each key must be added separately. Disconnect the tester from the vehicle and remove the key. Wait 20 seconds., and then ADD the next key.

ADD VALET KEY

DIAGNOSTIC MENU

RESET IMMOBILISER
ADD MASTER KEY
ADD VALET KEY
ERASE KEYS

SPECIAL FUNCTIONS

C

ADD VALET KEY

WARNING
FOLLOW NEXT SCREENS
QUICKLY & CAREFULLY

PRESS ENTER KEY

Read carefully and follow the screen prompts.

ADD VALET KEY

SWITCH IGNITION OFF
REMOVE MASTER KEY-
WITHIN 20 sec
AND THEN PRESS ENTER
TIME ELAPSED : 1 S

Read carefully and follow the screen prompts.

ADD MASTER KEY

INSERT NEW VALET KEY
WITHIN 10 Sec
LEAVE IGNITION OFF
AND THEN PRESS ENTER
TIME ELAPSED : 0S

ADD VALET KEY

TIME ELAPSED : 2 S

This usually takes about 60 seconds. If the timer goes past 120 seconds, stop. The key is now likely programmed. Disconnect tester and test key.

ADD VALET KEY

PROCEDURE COMPLETE

TIME ELAPSED : 59 S

PRESS ENTER KEY

NOTE : If you get an error message screen, disconnect the tester and remove the key. Wait 20 seconds and start again. On this type, each key must be added separately. Disconnect the tester from the vehicle and remove the key. Wait 20 seconds and then ADD the next key.

SPECIAL FUNCTIONS

C

ERASE KEYS

DIAGNOSTIC MENU

RESET IMMOBILISER
ADD MASTER KEY
ADD VALET KEY
ERASE KEYS

ERASE KEYS

WARNING
FOLLOW NEXT SCREENS
QUICKLY & CAREFULLY

PRESS ENTER KEY

ERASE KEYS

SWITCH IGNITION OFF
REMOVE MASTER KEY-
WITHIN 20 sec

TIME ELAPSED : 1 S

ERASE KEYS

INSERT MASTER KEY
SWITCH IGNITION ON

PRESS ENTER KEY

PLEASE WAIT
TRYING TO COMMUNICATE

SPECIAL FUNCTIONS

C

ADD REMOTE CONTROL

DIAGNOSTIC MENU

PROGRAM REMOTE
ERASE REMOTES

PROGRAM REMOTE
SWITCH IGNITION ON
UNLOC.DRV.DOOR
OPEN DRIV.DOOR

PRESS ENTER KEY

PROGRAM REMOTE
FOLLOW NEXT SCREENS
QUICKLY & CAREFULLY
COMPLETE OPERATION
WITHIN 30 Sec
AFTER PRESSING ENTER

PROGRAM REMOTE
PRESS LOCK & UNLOCK
TOGETHER FOR 1 Sec
WITHIN 3 Sec PRESS
EITHER KEY FOR 1 Sec
TIME ELAPSED : 0 S

Press lock and unlock buttons together for 1 second and quickly press either lock or unlock button for 1 second. You must do this very fast.

PROGRAM REMOTE
PROCEDURE COMPLETE

PRESS ENTER KEY

SPECIAL FUNCTIONS

C

ERASE REMOTE CONTROL

DIAGNOSTIC MENU

PROGRAM REMOTE
ERASE REMOTES

ERASE REMOTE

SWITCH IGNITION ON
UNLOC.DRV.DOOR
OPEN DRIV.DOOR

PRESS ENTER KEY

ERASE REMOTES

FOLLOW NEXT SCREENS
QUICKLY & CAREFULLY
COMPLETE OPERATION
WITHIN 30 Sec
AFTER PRESSING ENTER

Press lock and unlock buttons together for 1 second and quickly press either lock or unlock button for 1 second. You must do this very fast.

PROGRAM REMOTE

PRESS LOCK & UNLOCK
TOGETHER FOR 1 Sec
WITHIN 3 Sec PRESS
EITHER KEY FOR 1 Sec
TIME ELAPSED : 0 S

All remotes are now erased.

ERASE REMOTES

PROCEDURE COMPLETE

PRESS ENTER KEY

LIST OF KNOWN FAULT CODES

B1242—WIRELESS DOOR LOCK TUNER CIRCUIT MALFUNCTION
B2780—PUSH SWITCH/KEY UNLOCK WARNING SWITCH MALFUNCTION
B2784—ANTENNA COIL OPEN CIRCUIT
B2793—TRANSPONDER CHIP MALFUNCTION
B2794—UNMATCHED ENCRYPTION CODE
B2795—UNMATCHED KEY CODE
B2796—NO COMMUNICATION IN IMMOBILISER SYSTEM
B2797—COMMUNICATION MALFUNCTION NO 1
B2798—COMMUNICATION MALFUNCTION NO 2
B2799—ENGINE IMMOBILISER SYSTEM MALFUNCTION

TROUBLESHOOTING—TOYOTA & LEXUS

- 1) The Security light can be in 2 different shapes, small RED circle next to the word security, or a RED light in the shape of a car.
- 2) Make sure you are using the correct key.
- 3) Learned Immobiliser Keys :

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 the security light will NOT light up.

- 4) Un-learned immobiliser Keys

The security light will continue to flash with the key inserted in the ignition.

- 5) Some Master Keys are seen as Valet Keys. It is not uncommon for a pre-existing Master Key to be seen by the vehicle immobiliser system as a Valet Key. This is a problem if you are trying to add more keys and do not have a key recognised as a Master Key. In this case an immobiliser reset will be required.

REMOTE CONTROL PROGRAMMING



Procedure

1. The vehicle should be in the following condition-A. The key is NOT inserted in the ignition, B. The driver's door IS open, C. The driver's door is UNLOCKED.
2. Insert the Key into the ignition switch and then pull it out.
3. Press the Master Door Lock Switch 5 times from Lock to Unlock.
4. Close the Driver's door then open it.
5. Repeat step #3.
6. Now select the mode by inserting the key into the Ignition Switch and turning it to the "Run" or "On" position. The programming mode is determined by the amount of times you go from "key off" to the "key on" position and back before pulling the key out.
 - A. 1 time is the "Add" mode. This is used only on some models and it allows you to add a remote to the already existing remotes. The ECU confirms this by locking and unlocking the door locks automatically after you remove the key.
 - B. 2 times is the second mode which will erase all previously programmed remotes and allow you to program new ones. The ECU confirms this mode by locking and unlocking the door locks twice after you remove the key
 - C. 3 times is the third mode which tells you how many remotes are already programmed to the ECU. It confirms this locking and unlocking the door locks the amount of times applicable to the remotes coded. If no remotes are programmed then the ECU locks and unlocks the door locks 5 times. The ECU will hold up to 4 remotes at any one time.
7. Press the Lock and Unlock buttons on the remote simultaneously for 1.5 sec and then press either button by itself for 1 sec.
8. The ECU will perform the Lock/Unlock automatically to confirm that the 1st remote is stored by the ECU. Repeat step 7 immediately with another remote and continue until all remotes are registered.
9. Shut the driver's door and try all remotes.

