2002+ On Board Programming TOYOTA – LEXUS
PROGRAMMING PROCEDURES – OBP-"I"

These procedures are slightly modified from those published in other forums after several experiences with cars not programming up in an efficient manner. Due to various inconsistencies I have added "ALTERNATIVE" programming procedures at the end of this document. These procedures were developed with the kind assistance of Randy Mize who provides technical support for ILCO's SDD machine. I have also received valuable input on this subject from Mike Labar and Wes Womack.

Of primary importance is determining if you have a key that is enrolled in the car's computer as a "master" key or a "valet" key. The procedure for making this determination is:
1. Positively locate the "security" or "anti-theft" light. This light should blink when there is no key in the ignition or if a non-transponder or unrecognized transponder key is inserted into the ignition.
2. Insert the your key into the ignition – DO NOT TURN ON. There are 3 possible things that may occur:
    (a) Security light continues to blink = unrecognized key.
    (b) Security light goes off IMMEDIATELY = **MASTER** key
    (c) Security light remains illuminated for 1-3 seconds before going out = **VALET** key

If you have only a **VALET** key or an unrecognized key then the ECM or IMMOBILIZER BOX – depending on what year and model of car you have will have to be reprogrammed or "flashed" before you are able to add any more keys to the vehicle. The ECM reprogramming (flashing) service can be provided to you by **LOCKSMITH CHARLEY** (1-602-230-8888 or 1-800-313-5397) at the shop at 2308 E. Indian School Road, Phoenix AZ 85016. If you are not local to the Phoenix area you can ship the ECM to us and we can flash it and send it back to you the same day we receive it.

Once you have determined that you have an enrolled **MASTER** key you may proceed to either:
    (a) delete all other keys from the car's computer
    (b) add a duplicate key to the car's computer.

PROCEDURES FOR PROGRAMMING
***MAKE SURE YOU DO NOT HAVE MORE THAN ONE TRANSPONDER KEY NEAR THE IGNITION CYLINDER AT ANY TIME! *** (i.e. do NOT have more than one transponder key on your key ring) ***

A - Delete all keys other than present master key
1. Make sure all windows are rolled up and all doors are shut.
2. From outside the car LOCK the car door with the key.
3. From outside the car UNLOCK the car door with the key.
4. Enter vehicle and close all of the doors and do not lock them.
5. Start the car's engine.
6. Turn engine off and remove key.
7. Simultaneously depress and release brake and gas pedals 1 time.
8. Place master key in the ignition lock. (DO NOT TURN ON.)
9. Within 15 seconds press and release the gas pedal 6 times.
10. Within 20 seconds, *forcefully* press and release the brake pedal 7 times. The Security light will blink.
11. Within 10 seconds, remove the master key. All other keys should be deleted from the car's computer.

B - add a duplicate key to the car's computer

1. Make sure all windows are rolled up and all doors are shut.
2. From outside the car LOCK the car door with the key.
3. From outside the car UNLOCK the car door with the key.
4. Enter vehicle and close all of the doors and do not lock them.
5. Start the car's engine.
6. Turn engine off and remove key.
7. Place master key in the ignition lock. .
8. Cycle the ignition cylinder from on to Off 5 (five) times.
9. Open and close the "driver side" door 6 (six) times.
10. Insert new key into ignition cylinder
11. Turn the ignition cylinder ON and leave on for two minutes.
12. Turn ignition cylinder OFF and remove new key
13. Open and close the "driver side" door 1 (one) time.
14. The new key will be registered after 60 seconds (one minute). The THEFT (or security) light on the dashboard will go out indicating that the programming has been completed.

ALTERNATIVE PROCEDURES FOR PROGRAMMING

I have received conflicting information from various sources as to the methods of on-board programming for Toyota / Lexus vehicles. Today (6/26/06) I spent nearly an hour trying and re-trying to follow some of the various procedures and I learned that there are other possible procedures to try in the event that the initial procedure fails.

A - Delete all keys other than present master key (ALTERNATIVE PROCEDURE)

1. Make sure all windows are rolled up and all doors are shut.
2. From outside the car LOCK the car door with the key.
3. From outside the car UNLOCK the car door with the key.
4. Enter vehicle and close all of the doors and do not lock them.
5. Turn the ignition switch from LOCK to ON 6 (six) times.
6. Open and close Drivers side door 7 (seven) times within 35 (thirty five) seconds of turning the switch.
7. Within 10 seconds, remove the master key. All other keys should be deleted from the car's computer.

This information is presented to you as a public service of:
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(602) 230-8888 / 1-800-313-5397