

TOYOTA – LEXUS “PEDAL DANCE” PROGRAMMING PROCEDURES

On-board programming sequence “E”

These procedures are modified from those published in other forums after several experiences with cars not programming up in an efficient manner. This procedure was developed with the kind assistance of Randy Mize who provides technical support for ILCO’s SDD machine. I also received valuable input on this subject from Mike Labar.

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 an unrecognized key is placed into the ignition.
2. Insert the key you have 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 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 an additional **MASTER** key to the car’s computer.
- (c) add an additional **VALET** 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 the door.
5. Start the car’s engine.
6. Turn engine off and remove key.
7. Place master key in the ignition lock. (**DO NOT TURN ON.**)
8. Press & release gas and brake at same time.
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.

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B - add an additional MASTER 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 the door.
5. Start the car's engine.
6. Turn engine off and remove key.
7. Place master key in the ignition lock. (DO NOT TURN ON.)
8. Press & release gas and brake at same time.
9. Press and release the gas pedal 5 times.
10. Forcefully press and release the brake pedal 6 times.
11. Remove key
12. Place new key in the ignition lock. (DO NOT TURN ON.)
13. Press and release the gas pedal 1 time.
14. Wait (about 1 minute) for security light to stop blinking.
15. Remove new key from the ignition lock.
16. Press brake pedal 1 time to close programming cycle.
17. Wait 15 seconds for programming cycle to end
18. Insert new key into ignition lock and start the vehicle.

*****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) *****

C - add an additional VALET 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 the door.
5. Start the car's engine.
6. Turn engine off and remove key.
7. Place master key in the ignition lock. (DO NOT TURN ON.)
8. Press & release gas and brake at same time.
9. Press and release the gas pedal 4 times.
10. Forcefully press and release the brake pedal 5 times.
11. Remove key
12. Place new key in the ignition lock. (DO NOT TURN ON.)
13. Press and release the gas pedal 1 time.
14. Wait (about 1 minute) for security light to stop blinking.
15. Remove new key from the ignition lock.
16. Press brake pedal 1 time to close programming cycle.
17. Wait 15 seconds for programming cycle to end
18. Insert new key into ignition lock and start the vehicle.

This information is presented to you as a public service of:

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