



Programming Diagnostics

TOYOTA / LEXUS / SCION

TL1

- 1x **RED** = N/A
- 2x **RED** = VIN not detected. Check CAN wire connections or call tech support.
- 3x **RED** = Unknown VIN received, call tech support.
- 4x **RED** = Unable to learn immobilizer code. Call technical support.
- 5x **RED** = An OEM remote starter is detected on CAN bus (you can validate with OEM remote 2x quick LOCK followed by holding LOCK 4sec). OEM remote starter must be disconnected, call tech support for additional info.
- 6x **RED** = Manual transmission vehicle is detected in RS firmware. RS firmware does not support manual transmission.

TL2

- 1x **RED** = No CAN detected. Check CAN wire connections.
- 2x **RED** = VIN not detected. Check CAN wire connections or call tech support.
- 3x **RED** = VIN is unknown. Call technical support.
- 4x **RED** = Unable to learn immobilizer code. Call technical support.
- 5x **RED** = An OEM remote starter is detected on CAN bus (you can validate with OEM remote 2x quick LOCK followed by holding LOCK 4sec). OEM remote starter must be disconnected, call tech support for additional info.
- 6x **RED** = Key platform detected (may be caused by factory remote starter). Call technical support.
- 7x **RED** = Problem with RX wire. Check RX wire connection.
- 8x **RED** = Problem with TX wire. Check TX wire connection.

TL3

- 1x **RED** = No CAN detected. Check CAN wire connections.
- 2x **RED** = VIN not detected. Check CAN wire connections or call tech support.
- 3x **RED** = VIN is unknown. Call technical support.
- 4x **RED** = Unable to learn immobilizer code. Call technical support.
- 5x **RED** = An OEM remote starter is detected on CAN bus (you can validate with OEM remote 2x quick LOCK followed by holding LOCK 4sec). OEM remote starter must be disconnected, call tech support for additional info.
- 6x **RED** = Key platform detected (may be caused by factory remote starter). Call technical support.

TL4

- 1x **RED** = No CAN detected. Check CAN wire connections.
- 2x **RED** = VIN not detected. Check CAN wire connections or call tech support.
- 3x **RED** = VIN is unknown. Call technical support.
- 4x **RED** = Not able to learn IMI clock type. Check IMI wire connection and make sure you started the vehicle.
- 5x **RED** = IMO data not detected. Check IMO wire connection.
- 6x **RED** = Immobilizer question received but not the answer. Check IMI and IMO wire connections. They are possibly reversed. Redo your connections, turn ignition OFF and restart vehicle.

TL5

If the LED never turns solid **RED** or **GREEN**, press and release the module programming button. The LED will pulse **RED** the error code:

- 1x **RED** = No CAN activity. Check the CAN wire connections.
- 2x **RED** = Ignition never turns ON. Check the ignition wire connection.
- 3x **RED** = No immobilizer data. Check the immobilizer (SIL) data wire connection
- 4x **RED** = The VIN is unknown. Call technical support.
- 5x **RED** = No ignition status on CAN. Check CAN connections. Call tech support if problem persist.
- 6x **RED** = Wrong ignition switch T-harness type A, B or C.
- 7x **RED** = Wrong ignition switch T-harness type A, B or C.
- 8x **RED** = Wrong ignition switch T-harness type A, B or C.

NOTE: If the LED flashes **RED/GREEN RED/GREEN RED/GREEN**, check the immobilizer data wire connection. The immobilizer learn has been skipped.

TL6

- 1x **RED** = No CAN detected, Check the CAN wire connections.
- 2x **RED** = VIN not detected. Check CAN wire connections or call tech support.
- 3x **RED** = VIN is unknown. Call technical support.
- 4x **RED** = Unable to learn immobilizer code. Call technical support.
- 5x **RED** = An OEM remote starter is detected on CAN bus (you can validate with OEM remote 2x quick LOCK followed by holding LOCK 4sec). OEM remote starter must be disconnected, call tech support for additional info.
- 6x **RED** = Key platform detected (may be caused by factory remote starter). Call technical support.
- 7x **RED** = Problem with RX wire. Check RX wire connection.
- 8x **RED** = Problem with TX wire. Check TX wire connection.

TL7

If the LED never turns solid **RED** or **GREEN**, press and release the module programming button. The LED will pulse **RED** the error code:

- 1x **RED** = No CAN activity. Check the CAN wire connections.
- 2x **RED** = Ignition never turns ON. Check the ignition wire connection.
- 3x **RED** = Unable to learn immobilizer code. Check the CAN connection and the vehicle compatibility. The vehicle may have a OEM remote starter that needs to be unplugged/removed. Call technical support if error persist.
- 4x **RED** = VIN not detected. Check CAN wire connections or call tech support.
- 5x **RED** = VIN is unknown or this is a USDM Lexus model with Enform system. Call technical support.
- 6x **RED** = An OEM remote starter is detected on CAN bus (you can validate with OEM remote 2x quick LOCK followed by holding LOCK 4sec). OEM remote starter must be disconnected, call tech support for additional info.

TL9

If the LED never turns solid **RED** or **GREEN**, press and release the module programming button. The LED will pulse **RED** the error code:

- 1x **RED** = No CAN activity. Check the CAN wire connections.
- 2x **RED** = Analog ignition input not detected. Check the ignition wire connection.
- 3x **RED** = No immobilizer data. Check the immobilizer data wire (SIL) connection
- 4x **RED** = VIN is unknown. Call technical support.
- 5x **RED** = Waiting for ignition ON from CAN. Turn ignition OFF for 2 seconds, then back ON. If problem persist, call technical support.
- 6x **RED** = T-Harness ONLY: Wrong ignition harness type (A) is detected. Turn ignition OFF, connect proper harness (B or C), then turn ignition ON again.
- 7x **RED** = T-Harness ONLY: Wrong ignition harness type (B or C) is detected. Turn ignition OFF, connect proper harness (A), then turn ignition ON again.
- 8x **RED** = Vehicle started when only ignition should be turned ON. Reset and redo learn procedure, but do not start the vehicle! If problem persist, contact technical support.

If the LED flash **RED/GREEN RED/GREEN RED/GREEN**, check the immobilizer data wire connection. The immobilizer learn has been skipped.

