



# Programming Diagnostics

## SUBARU

### SUB

1x **RED** = No CAN detected in the last 4 seconds. Check CAN wire connections.  
2x **RED** = No ignition detected. Check ignition wire connection.

### SUB2

If the LED never gives 1x **GREEN** blink, press and release the module programming button. The LED will blink **RED** the error number:

1x **RED** = No immobilizer data received. Did you start the vehicle? Check wiring. Make sure our ignition has power during crank.  
6x **RED** = Immobilizer question received, but not the answer. Does the vehicle start properly? Check wiring and if problem persist call tech support.  
7x **RED** = Immobilizer answer received, but not the question. Does the vehicle start properly? Check wiring and if problem persist call tech support.  
Any other error code, call technical support.

#### AFTER KLON

If the LED doesn't turn solid **GREEN**, press and release the module programming button. The LED will blink **RED** the error number: 1x **RED** = No immobilizer data received. Did you start the vehicle? Check wiring.  
3x **RED** = OEM remote starter is detected, please remove to avoid conflict.  
4x **RED** = No ignition. Did you start the vehicle? Check ignition wiring.  
6x **RED** = Immobilizer question received, but not the answer. Was the vehicle (key) started? Check wiring and call technical support if problem persist.  
7x **RED** = Immobilizer answer received, but not the question. Was the vehicle (key) started? Check wiring and call technical support.

NOTE: If the LED blinks GREEN/RED, we do not detect CAN message! Please check CAN connection! Any other error code, please call technical support.

### SUB3

If the LED never gives 1x **GREEN** blink, press and release the module programming button. The LED will blink **RED** the error number:

1x **RED** = No immobilizer data received. Did you start the vehicle? Check wiring. Make sure our ignition has power during crank.  
6x **RED** = Immobilizer question received, but not the answer. Was the vehicle (key) started? Check wiring and call technical support if problem persist.  
7x **RED** = Immobilizer answer received, but not the question. Was the vehicle (key) started? Check wiring and call technical support. Any other error code, call technical support.

#### AFTER KLON

If the LED doesn't turn solid **GREEN**, press and release the module programming button. The LED will blink **RED** the error number:

1x **RED** = No immobilizer data received. Did you key start the vehicle? Check wiring.  
2x **RED** = No CAN activity. Check the CAN wire connections.  
4x **RED** = No ignition. Did you start the vehicle? Check ignition wiring.

5x **RED** = Keyless data wire not connected. Connect keyless data wire to vehicle OR +12V if you don't want it.  
6x **RED** = Immobilizer question received, but not the answer. Was the vehicle (key) started? Check wiring and call technical support if problem persist.  
7x **RED** = Immobilizer answer received, but not the question. Was the vehicle (key) started? Check wiring and call technical support. Any other error code, call technical support.

## SUB4

If the LED never gives 1x **GREEN** blink, press and release the module programming button. The LED will blink **RED** the error number:

6x **RED** = No immobilizer data received. Did you start the vehicle? Check wiring. Make sure our ignition has power during crank.  
7x **RED** = Immobilizer question received, but not the answer. Was the vehicle (key) started? Check wiring and call technical support if problem persist.  
8x **RED** = Immobilizer answer received, but not the question. Was the vehicle (key) started? Check wiring and call technical support. Any other error code, call technical support.

### AFTER KLON

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

1x **RED** = No keyense. Check keyense input wire.  
2x **RED** = No CAN activity. Check the CAN wire connections.  
3x **RED** = No platform detected, call tech support.  
5x **RED** = Keyless data wire not connected. Connect keyless data wire to vehicle OR +12V if you don't want it.  
6x **RED** = No immobilizer data received. Did you start the vehicle? Check wiring. Make sure our ignition has power during crank.  
7x **RED** = Immobilizer question received, but not the answer. Was the vehicle (key) started? Check wiring and call technical support if problem persist.  
8x **RED** = Immobilizer answer received, but not the question. Was the vehicle (key) started? Check wiring and call technical support. Any other error code, call technical support.

## SUB5

If the LED never gives 1x **GREEN** blink, press and release the module programming button. The LED will blink **RED** the error number:

1x **RED** = No immobilizer data received. Did you start the vehicle? Check wiring. Make sure our ignition has power during crank.  
6x **RED** = Immobilizer question received, but not the answer. Was the vehicle (key) started? Check wiring and call technical support if problem persist.  
7x **RED** = Immobilizer answer received, but not the question. Was the vehicle (key) started? Check wiring and call technical support. Any other error code, call technical support.

### AFTER KLON

If the LED doesn't turn solid **GREEN**, press and release the module programming button. The LED will blink **RED** the error number:

1x **RED** = No immobilizer data received. Did you key start the vehicle? Check wiring.  
2x **RED** = No CAN activity. Check the CAN wire connections.  
3x **RED** = No ignition. Did you start the vehicle? Check wiring of ignition.  
4x **RED** = No or invalid VIN detected. Check the CAN wire connection or call tech support.  
5x **RED** = N/A  
6x **RED** = Immobilizer question received, but not the answer. Was the vehicle (key) started? Check wiring and call technical support if problem persist.  
7x **RED** = Immobilizer answer received, but not the question. Was the vehicle (key) started? Check wiring and call technical support. Any other error code, call technical support.

## SUB6

If the LED never gives 1x GREEN blink, press and release the module programming button. The LED will blink RED the error number:

1x RED = No immobilizer data received. Did you start the vehicle? Check wiring. Make sure our ignition has power during crank.

6x RED = Immobilizer question received, but not the answer. Does the vehicle start properly? Check wiring and if problem persist call tech support.

7x RED = Immobilizer answer received, but not the question. Does the vehicle start properly? Check wiring and if problem persist call tech support.

Any other error code, call technical support.

### AFTER KLON

If the LED doesn't turn solid GREEN, press and release the module programming button. The LED will blink RED the error number: 1x RED = No immobilizer data received. Did you start the vehicle? Check wiring.

3x RED = No ignition. Did you start the vehicle? Check wiring of ignition.

4x RED = No or invalid VIN detected. Check the CAN wire connection or call tech support.

6x RED = Immobilizer question received, but not the answer. Was the vehicle (key) started? Check wiring and call technical support if problem persist.

7x RED = Immobilizer answer received, but not the question. Was the vehicle (key) started? Check wiring and call technical support.

