



Transponder Immobilizer Genius GT-550

Introduction

Congratulations, on the purchase of our security system for your vehicle, Read through the operating system user manual the transponder functions, the valet switch and LED board

Compatible Vehicles:

The security system "Genius" is compatible with vehicles with 12V battery.

Arming

1. Pass the ignition from ON to OFF, the unit will enter arming mode automatically after 60 seconds. The LED light will blink once per second. If the door is opened and closed within 60 seconds, the system is armed immediately.
2. In armed mode, the driver's door is opened the system starts searching for the transponder for 60 seconds. If the transponder has been located, the system deactivates engine cuts (ignition, fuel, etc.).

Disarming

Pass the ignition from OFF to ON, within the first 15 seconds hold the transponder code reader, if the unit detects a correct code, the LED will turn off, the current will be cut off, if the unit does NOT detect the code of transmitter correctly in 15 seconds, the module will suspend the reading of the transponder. The module will need to re-detect the transponder signal, set ACC to OFF and ON, the unit will re-detect the signal.

Valet Mode

1. Valet mode entry. With the system disarmed mode, set the ACC ON, press and hold the reset button for 15 seconds, the LED turn ON fix.
2. In valet mode: engine cuts will be DISABLED.
3. Exit valet mode: Place the ignition to ON, press the reset button once, the LED will turn off indicating the valet mode exit.

Anti Hijacking

In disarmed mode and ACC to ON, the driver's door is opened and then closed, the system goes into anti - hijacking.

1. The system will search the transponder for 30 seconds, if the transponder cannot be found within 30 seconds, the LED will begin to flash and the horn will sound twice.
2. The system will search for another 10 seconds the transponder. If the transponder cannot be found within 10 seconds, the horn will chirp twice.
3. The system will search for another 10 seconds the transponder. If the transponder cannot be found within 10 seconds, the horn will chirp twice.
4. The transponder system will search for another 10 seconds, cutting the circuit will be activated, and a second later they will connect again.
5. The transponder system will search for another 10 seconds. If the transponder cannot be found within 10 seconds, then the system will stop the search. Engine cuts will be activated.
6. 20 seconds later, the horn will start sounding intermittently. Only could disable the emergency disarming.

NOTE: During steps 1 to 5, the last ACC is OFF; the system will arm immediately by engine cuts. In the period transponder search and is located, the system will exit the anti-hijack. In step 6 the last ACC to OFF, the horn will sound intermittently for 3 minutes. If the ACC is passed on, the horn will sound intermittently again.

Emergency Disarm 2 Pin Codes (factory default: 1, 2)

1. With the system armed mode or anti-hijacking mode, switch the ignition to ON, followed by OFF-ON-OFF-ON-OFF-ON-OFF-ON within 20 seconds.
2. The LED will stay on for 5 seconds, and then start to flash.
3. When the LED light flashes the number of times corresponding to the first PIN (1 time), turn the ignition to OFF. Replace the ignition to ON to await the LED light flash for the second PIN (2 times) and place the ignition OFF. When completed the horn will stop the system is disarmed.
4. When the LED flashes more than 10 times, the system will exit emergency disarm
5. When emergency disarm fails, you need to pass the ignition to OFF and return to step 1.

Programming Personal Code (Code Pin)

- a. In disarmed mode, switch the ignition to ON, followed by OFF-ON-OFF-ON-OFF-ON-OFF-ON within 10 seconds.
- b. The LED lights up solid for 5 seconds then start flashing.
- c. To change the factory code:
Pass the ignition from ON to OFF when the LED light flashes "X" number of times (x = the first code).
Place the ignition ON for the second code entry.
Place the ignition from ON to OFF when the LED light flashes "Y" number of times (y = the second code).
If recognition of the pin fails, the system exits the programming mode pin code.
- d. If the pin was entered correctly, the system confirms with 3 horn sounds

NOTE:

The operating system will leave by the following events:

- a. The LED flashes more than 10 times
- b. ACC is turned OFF for more than 5 seconds during the first and second code setting.

Wrong code entry mode will exit and return to the previous code.

Test the read range of the transponder

1. Make sure the system is disarmed mode, disconnect the power and reconnect the system start test mode for 60 seconds.
2. Place the transponder programmed near the reader. The reader will read the transponder and the LED light will flash rapidly. When you leave the range of the reader, the LED light stops flashing.
3. After 60 seconds pass the ignition to ON, the system will exit the test mode (the range should be from 14 cm to 22 cm).

Selecting Functions

1. The selection of the functions is programmable. Please follow the following process.
2. In disarmed mode, switch ignition ON to OFF.
3. Within the first 10 seconds, press the reset button 5 times, the horn will sound for 1 second to confirm programming mode entry.
4. Press the reset button (the siren will chirp once when you press the reset button) with the number of the function you want to select within 10 seconds.
5. Pass the ignition from OFF to ON and then OFF, the horn will chirp once (the LED will light) or sound the horn twice (the LED will go out) to indicate selection.
6. To program the following function press the reset button, the system will allow another selection. Return to step 5.
7. To end the programming of functions, place the ignition ON and wait 3 seconds, the horn will chirp 5 times, confirming exit programming mode.

	FUNCTION SELECT	LED OFF	LED ON
1	Anti-Hijack mode by door	OFF (DF)	ON
2	Horn Cycles 30 seconds	8 Cycles (DF)	No limit

Horn chirp Time (Function # 2 = 8 cycles).

In armed mode, the driver's door is open and within the first 60 seconds the system is deactivated, the horn began to sound every 1 second and the alarm will continue for 30 seconds as prevention for 8 cycles if the door has not been closed. Close the door and the horn will sound for 30 seconds. Open the door again; the horn will be triggered again.

When the ignition is ON, the system will start searching the transponder for 15 seconds.

Horn chirp Time (Function # 2 = undefined)

In armed mode and the driver's door is open and within the first 60 seconds the system is not deactivated the horn began to sound every 1 second and the alarm will continue for 30 seconds if the door is not closed, the horn sounded to continue intermittent until you close the door or turn off the system. Close the door and the horn will sound for 30 seconds. Open the door again, the horn will be triggered again.

Installation wires:

- 01 +12 V Battery positive
- 02 Negative (Chassis) GND
- 03 Positive input Acc
- 15 250mA negative output when arming
- 04 Intermittent 250mA negative output for horn relay
- 05 Negative input, door buttons

LED:

Connect to a location visible from any direction, but do not expose it to sunlight.

Valet Switch:

Please install in a hidden area that is not easy to find.

Installing Reader:

Place it away from metal and in the best position for reading the transponder.

Transponder:

Do not put the two together when transponder is used, otherwise the detection range will be affected.

Engine Cuts:

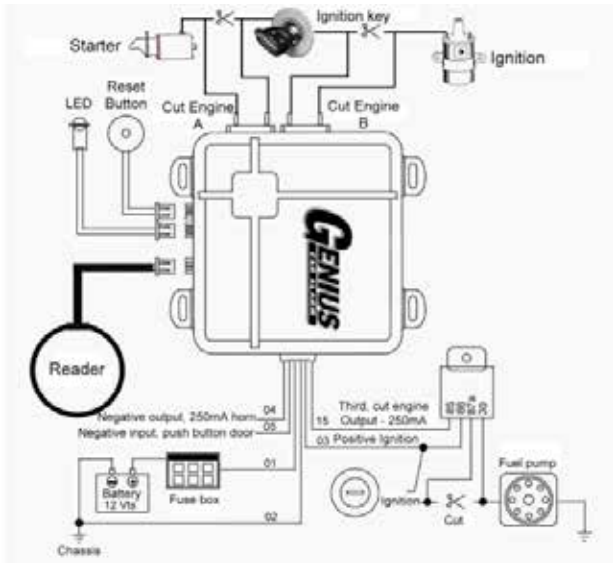
2 Relays "30A" incorporated into the module, as the cut of ignition, cutting the fuel pump, the starter cut etc.

Transponder keys Learning

1. In disarmed mode, switch the ignition to ON within the first 10 seconds, press the reset button 5 times, then the horn will sound for one second to indicate that the system enters a learner mode transponder.
2. Bring the first transponder to be read near the reader, the LED will flash once to confirm the recorded.
3. Move the second transponder to be read near the reader, the LED will flash twice to confirm the recorded.

4. Move the third transponder to be read near the reader, the LED will flash three times to confirm the recorded.
5. Move the fourth transponder to be read near the reader, the LED will flash four times to confirm the recorded.
6. The unit can record up to four transponders, after recording the fourth transponder, if placed near the reader again, all recorded data will be deleted, and the unit will resume the process from step 2.
7. Each transponder reading should be completed within 10 seconds, otherwise the system will close the process and the LED light will turn off.
8. To exit transponder reading when you have finished reading all transponder, pass the ignition to OFF, the horn will make two long sounds and the LED will turn off to confirm the learner's mode exit.

Installation Diagram "GT-550 Transponder immobilizer"



Genius Car Alarm

Date of Sale: _____ Invoice : _____

BENEFICIARY

Name: _____ C.I.: _____

Vehicle Make: _____ Color: _____

Model: _____ Plate: _____

SEAL AND SIGNATURE OF DEALER INSTALL THE SYSTEM

TECHNICAL REVIEW

1st. date _____

Comments: _____

Seal: _____

2nd Date _____

Comments: _____

Seal: _____

3rd Date _____

Comments: _____

Seal: _____

LIMITATION OF WARRANTY

All brand security systems "GENIUS" is guaranteed by [] year (s) from the date of installation taking into account the following conditions:

1. This warranty does not cover damage or malfunctions caused by:
 - a. Incorrect installation
 - b. Immersion in water or liquid
 - c. Shock or fire
 - d. Attempted modification or repair by unqualified persons
 - e. Loss or damage to the transponder
2. The costs of removal, installation or other occasions that will be borne by the claimant.
3. The performance of this warranty will have greater flexibility in their dealings, if the user has the sticker affixed to the rear window of the vehicle.
4. The technical department of the company reserves the right to determine the validity of the guarantee as expertise

WARNING:

The burglar has only a deterrent against possible theft.
In no case can be considered as an insurance against theft. The builder disclaims all liability for faults or operating anomalies System, accessories or car group, due to poor installation or Monitoring the characteristics specified

Recommendations to save, keep it with you.

1) Disable Anti-hijacking, Emergency Disarm or Manual (Code Pin = 1.2)

- In armed mode or anti-hijacking mode, switch the ignition to ON, followed by OFF-ON-OFF-ON-OFF-ON-OFF-ON within 20 seconds.
- The LED will remain on for 5 seconds then start flashing.
- When the LED light flashes the number of times corresponding to the first PIN code, switch the ignition to OFF. Switch the ignition to ON to wait for the LED light flash, when it comes to the number of times corresponding to the second PIN, pass the ignition to OFF, the horn will stop sounding and enter the disarmed system

2) Entry and Exit Valet Mode

In the disarmed and the ignition key ON, press and keep pressing the reset button for 5 seconds, the LED on the board fixed to exit valet mode with the ignition key ON, press and release the reset button, board LED will turn off.