

TITAN

REMOTE STARTERS

Owner's Guide

TS 251A



2-Way LCD Remote Starter Alarm Combo

For Automatic Transmission Only

POWERED BY

TITAN

INNOVATIONS

TEXT
START
READY

www.titaninnovations.ca

Revision 2.01

Safety

VERY IMPORTANT SAFETY NOTES!

The owner/user **MUST INSTALL** a CARBON MONOXIDE DETECTOR in the living area near to where the vehicle is being stored or parked. It is the sole responsibility of the owner/user to keep the remote transmitters away from the reach of children and handle with care so that the system does not unintentionally start. When the vehicle is parked in an enclosed /partially enclosed area (*ex: garage, car port...*), being serviced (*ex: oil change*) or if the vehicle is loaned to an operator not familiar with a remote starter, the system MUST BE placed in Service (Valet) Mode.

MANUAL TRANSMISSION STARTERS the installation of a remote starter **MUST** only be done with a specified manual transmission starter. It is the sole responsibility of the vehicles owner to insure that the vehicle is left with the transmission in neutral position when the remote starter is in use. The manual transmission starter is designed to be an added measure of safety **ONLY!** The manufacturer does not guarantee or insure against any damages or loss of life that could result in the event of a remote starter starting while the vehicle is in gear. Manual transmission models are designed only to act as a deterrent against the vehicle starting in gear, this is the vehicle's owner's and operator's responsibility.

NEVER OPERATE THE SYSTEM IN AN ENCLOSED/ PARTIALLY ENCLOSED AREA!

SERVICE (VALET) MODE

System **Service Mode** (sometimes referred to as **Valet Mode**) will disable the remote starter and alarm functions. The optional lock, unlock, and trunk release features will still be operational. When the vehicle is to have any under hood or service work done, the system must be placed into **Service Mode**. This feature may also be used if a transmitter is lost, damaged, the transmitter battery is dead, or if the system malfunctions.

ENTERING SERVICE MODE

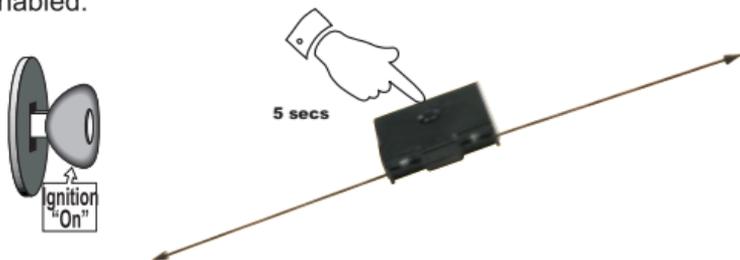
1. Turn the ignition key to the On position.
2. Press and hold the Program Button (Located on the antenna) for 5 seconds or until the horn (optional) honks five times.

NOTE: The LEDs on the antenna will turn on solid to confirm Service Mode. If the  button is pressed while the system is in Service Mode the park lights will flash 3 times slowly.

EXITING SERVICE MODE

1. Turn the ignition key to the On position.
2. Press and hold the Program Button (Located on the antenna) for 5 seconds or until the horn (optional) honks two times.

NOTE: The LEDs on the Antenna will turn off and the remote starter functions will be re-enabled.



ATTENTION:

TO AVOID SERIOUS INJURY, this remote start system must be set into Service Mode before any under hood servicing is started. Service Mode will prevent the vehicle from starting while the vehicle is being serviced. It is the sole responsibility of the vehicle's owner to place the system into Service Mode. The manufacture accepts no responsibility for accidental starting of the vehicle while the vehicle is being serviced.

Button Operations

Button	Functions	Conditions
Press 1 once	Sets alarm and lock doors	Alarm is disarmed
	Lock doors	While driving
Press 1 and 3	Sets alarm with bypass shock sensor	Alarm is disarmed
Press and hold 1 for 2 seconds	Remote panic	Anytime
Press 2 once	Deactivates alarm & unlock doors	Alarm is armed
	Unlock doors	While driving
Press and hold 2 for 2 seconds	Trunk release	Anytime
Press 1 and 2	Sets silent arming/disarming mode	Anytime
Press 3 once	Remote engine starter on	Anytime
Press and hold 3 for 2 seconds	Remote engine starter off	Remote start
Press and hold 4 for 2 seconds	Car finder	Anytime
Press 4 once then 3 for 2 sec with 3 seconds	Remote timer mode on/off	Anytime/Timer start
Press 3+4	Program (T99 only)	Anytime
Press 5 once	System status query (T99 only)	Anytime

Note: This unit may include a secondary 1-way remote (T85S). This remote will perform all the functions as the T99 remote with the exception of the S or Status button. This remote does not have an LCD display and will not perform any 2-way functions or report the vehicle status back to the user. It is supplied as a backup remote or for a second user. The range of this remote will be the same as the T99 remote.



T99 SETTING FUNCTION LIST

Button	Function	Setting
Press 3 and 4 for 2 seconds	Enter Program mode	Anytime
Press 5 once	Enter time of hour setting	Press button 1 for time increase Press button 2 for time decrease
Press 5 once	Enter time of minute setting	Press button 1 for time increase Press button 2 for time decrease
Press 5 once	Alarm clock ON/OFF	Press button 1 for alarm on Press button 2 for alarm off
Press 5 once	Enter alarm hour setting	Press button 1 for time increase Press button 2 for time decrease
Press 5 once	Enter alarm minute setting	Press button 1 for time increase Press button 2 for time decrease
Press 5 once	Setting backlight LED ON/OFF	Press button 1 for LED on Press button 2 for LED off
Press 5 once	Vibration motor ON/OFF	Press button 1 for vibration on Press button 2 for vibration off
Press 3 and 4 for 2 seconds	Exit Program mode	Program mode

T99 SETTING FUNCTION

Anytime you press button 3 and button 4 for 2 seconds, the transmitter will enter program setting mode, then the ICON of the time clock, alarm clock, horn and vibrate, or backlight LED will begin to flash. The first setting is hour setting; use button 1 or button 2 to adjust the hour up or down. After setting the hour, press button 5 to shift to minute setting. The operation is the same as the hour setting. After you are done setting the clock, press button 5 to shift to alarm clock setting. If the alarm clock setting is ON, then the remote will go to alarm time setting. The procedure is the same as for time setting. After the alarm clock setting, pressing button 5 will enter the backlight LED setting; press button 1 to set the backlight LED function to ON (with any button press, the backlight will light 5 for seconds), press button 2 to set the backlight LED function to OFF (backlight will not come on with any button press. After the backlight LED setting, pressing button 5 will enter the vibration setting, press button 1 to set vibration function to ON, press button 2 to set vibration function to OFF. The vibrate function only operates on alarm or alarm/starter models when the alarm is set off in the vehicle or when the alarm clock function that is built-in to the remote is used. After setting vibration mode, press button 5 again to exit program mode. Pressing no buttons for 5 seconds will also exit program mode.

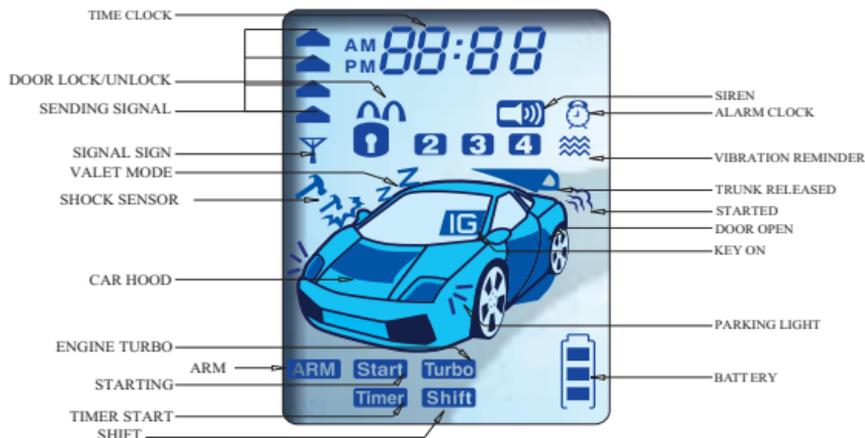
Alarm clock function:

If the ALARM CLOCK function is turned on, at the preset alarm time, the transmitter will chirp for 30 seconds and vibrate for 10 seconds. During the alarm period, any button push will shut off the alarm clock. After the alarm clock has been shut off, it will stay set for the same time the next day unless you go into programming and turn the alarm clock function off.

OWNER'S MANUAL

REMOTE VEHICLE STARTER & SECURITY SYSTEM

T99 LCD INSTRUCTIONS



ICON	Explanation
	Indicates that your car is locked or unlocked
	Indicates horn is honking when locking or unlocking your vehicle
	Indicate that your remote-pager is sending signals to the controller unit
	Indicates alarm clock mode is on
	Display time
	Indicates that parking lights are flashing
	Indicates that your trunk is open
	Indicates that your hood is open
	Indicates that your door is open
	Indicates if you are in valet mode
	Indicates that vibration mode is on
	Indicates that your vehicle has actually started and is running
	Indicates the key on status
	Displays remaining battery life
	Indicates the turbo mode is on
	Indicates function transfer and setting mode
	Indicates your vehicle is in remote-start mode
	Indicates timer start mode is on

LOCK & ARM

- A. Press LOCK  button momentarily.
- B. Park lights will flash and siren will chirp once. System will arm and doors lock.*
- C. The LED on the antenna will begin to flash slowly.
- D. If the optional starter-disable circuit has been installed, it will activate as well.

UNLOCK & DISARM

- A. Press UNLOCK  button momentarily.
- B. Park lights will flash and siren will chirp twice. System will disarm and doors unlock.
- C. The LED on the antenna will stop flashing. (If passive starter-disable is programmed, the LED will flash quickly for 60 seconds then rearm automatically.)
- D. If the optional starter-disable is installed, it will be deactivated to allow the vehicle to be started by key.

SILENT LOCK/ARM - DISARM/UNLOCK

- A. Press both LOCK  and UNLOCK  buttons simultaneously.
- B. Park lights will flash once or twice to indicate arm/lock or disarm/unlock.
- C. Any programmed siren confirmations are temporarily bypassed.

REMOTE START

- A. With the engine off, press the START  button.
- B. The parking lights will flash and the siren will chirp once.
- C. The vehicle's ignition system will come on and within 3 seconds, the vehicle will start. (If vehicle does not start, see the diagnostics section for possible solutions.)
- D. The parking lights will flash 5 times to confirm a successful start.
- E. The vehicle will run for the programmed runtime (15 minute default). To change your remote starter runtime, contact your dealer.
- F. The vehicle can be remotely shutdown by pressing and holding the START button for 3 seconds.

* Lock, Unlock, and Trunk functions and some horn honk/siren chirp functions are optional and dependent on features installed at time of installation. Please consult your dealer or installation facility for details on specific features in your vehicle.

TRUNK RELEASE --OPTIONAL--

The vehicle must be equipped with a power trunk release switch or a power sliding door to use this option.

- A. Press and hold the UNLOCK  button.
- B. The doors will unlock and after 3 seconds, the trunk release will activate.
- C. The trunk release can also be programmed to work independently on the CAR FINDER button. If programmed, press and hold the CAR FINDER  button for 3 seconds to activate trunk release.

2nd VEHICLE OPERATION

Your transmitter is capable of controlling a second TS151/TS251 system installed on another vehicle. (Requires some special programming, see your dealer for details.)

Switching control from one vehicle to the other is simple:

- A. Press and hold the  button until the transmitter's blue backlight and Shift indicator comes on solid.
- B. Within 3 seconds, press any button to activate the corresponding feature for your second vehicle.
- C. The transmitter automatically defaults back to your primary vehicle after any command to the 2nd vehicle or if no command is issued within 5 seconds.

PANIC MODE

- A. Press the LOCK button for 3 seconds.
- B. The siren will sound and the parking lights will flash for 60 seconds.
- C. Pressing the LOCK or UNLOCK buttons will cancel Panic mode.

CAR FINDER

- A. Press and hold the CAR FINDER button for 3 seconds.
- B. The parking lights will flash and the siren will chirp 5 times.

NOTE: Car Finder option is not available when the trunk release option has been programmed to work on this button

IDLE MODE (CONTINUOUS RUN)

This option allows you to remove your key and leave the engine running up to the programmed runtime

- A. With the engine running, press the START button.
- B. The siren will chirp twice and the remote starter will come on.
- C. Remove the ignition key and the vehicle will stay running for the length of the programmed runtime (15 min. default)
- D. The vehicle can be shutdown anytime by holding down the START button for 3 seconds or by depressing the brake pedal.

TURBO MODE

This option allows for a cool down on turbo equipped vehicles.

- A. With the engine running, press the CAR FINDER  button. (Brake pedal must not be depressed)
- B. The parking lights will flash and the siren will chirp 2 times.
- C. Remove the ignition key and the engine will continue to run for approximately 2 minutes.

SERVICE (VALET) MODE

This mode disables remote starting and bypasses the starter-disable circuit (if installed).

- A. Turn the vehicle ignition key to the on position (you do not need to start the vehicle).
- B. Press and hold the button on the windshield antenna.
- C. After about 5 seconds, the parking lights will flash once and you will hear 5 chips from the vehicle's siren.
- D. Turn the ignition key to the OFF position. The LED on the antenna will come on solid.
- E. The system should now be in SERVICE mode.
- F. To cancel SERVICE mode, repeat steps A & B. After 5 seconds, you will see 2 parking light flashes and the siren will chirp 2 times.
- G. The system should now be out of SERVICE mode.

SHOCK SENSOR ADJUSTMENT

- A. Make sure your system is disarmed. Press buttons 1 & 2 together and hold for 2 seconds. The siren will chirp and the park lights will flash 3 times and the park lights will stay ON.
- B. While the park lights are on, strike the vehicle with the same amount of force wanted to trigger the alarm*. The vehicle will record the sensitivity for the next 3 seconds. It is best to use both hands curled into fists and perform a "drum roll" for 3 seconds with the force you desire.
- C. Press and release buttons 1 & 2 together momentarily to exit shock sensor programming.

Note: If you enter into shock sensor programming and no impact is detected within 30 seconds, the unit will exit shock sensor learning mode and the original sensitivity will remain unchanged. A system power down (dead battery) does not affect shock sensor sensitivity.

* When striking the vehicle, be careful not to strike it in an area that may cause damage. The most common location for testing and setting the shock sensor is the A-pillar. The A-pillar is the metal support that runs from the roof of the vehicle to the hood area. Avoid hitting the windshield when programming. Slight cracks can easily spread with even the smallest of impacts, especially if the windshield is cold.

Titan will not be responsible for any damage done to the vehicle due to careless shock sensor setup.

TEMPORARY SHOCK SENSOR BYPASS

- A. Press buttons 1 & 3 together.
- B. System will chirp once to arm and bypass the shock sensor temporarily.

DUAL-STAGE SHOCK SENSOR

The TS251A has a built in dual-stage shock sensor that automatically sets up the same time the main shock sensor sets up. There is no separate adjustment. If the car receives a light impact, the siren will chirp 3 times and the park lights will flash to warn away any would-be intruders. If the car receives a heavy impact, the siren will sound and the parking lights will flash for a full 30 seconds (This is adjustable to 60 seconds at time of install).

TIMER START MODE

This option allows you start your vehicle automatically at preset intervals over a 24-hour time period.

A. Press and release the CAR FINDER button, then press and hold the START button for about 3 seconds until the timer indicator on the transmitter comes on; the parking lights on the vehicle turn on as well.

B. Within 5 seconds, select your start interval by pressing one of the 3 buttons on the transmitter. (See table). If you do not select an interval, timer will not be set.

C. Once you have selected your start interval, the park lights will flash the hour setting you have chosen. The transmitter will display the setting as well.

D. The vehicle will start every (your selection) hours for a period of 24 hours.

E. To cancel timer start mode, repeat step 1. The parking lights will flash and the siren will chirp 2 times. The timer indicator on the transmitter will flash.

NOTE: Starting the vehicle by key or by remote will automatically cancel timer start mode.

Button	Flashes on vehicle lights	Indication on Display	Start interval
LOCK (button 1)	1 Flash	H 01	Vehicle with start every hour
UNLOCK (button 2)	2 Flashes	H 02	Vehicle will start every 2 hours
START (button 3)	3 Flashes	H 03	Vehicle will start every 3 hours

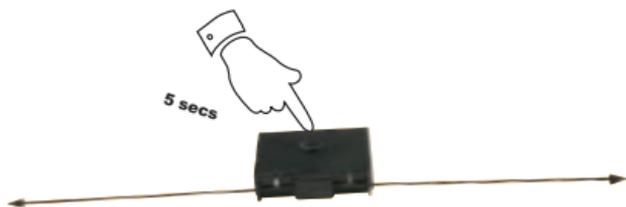
TRANSMITTER LEARNING

Important! The remote starter will hold 4 transmitter codes. It is recommended that when programming in transmitters, you fill up all four transmitter codes, even if only using one or two transmitters. This will clear all other transmitter coding from the unit and prevent stray coding or possible interference from other remote transmitters.

STEP 1 - Within 3 seconds turn the ignition key to the "ON" position three times leaving "ON" the third time.



STEP 2 - **Press and hold the Program Button.** The park lights will turn "ON" and the siren will chirp once. **Continue to hold the Program Button,** the park lights will turn "OFF" and the siren will chirp 5 times quickly.



NOTE: If the parking lights do not turn "ON", release the Program Button and turn the ignition to the "OFF" position, wait 5 sec and repeat steps 1 & 2.

STEP 3 - While holding the Program Button, press and release the  button on each of the remote transmitters to be programmed. If using two transmitters, code in each transmitter twice.



Diagnostics

If the remote starter does not activate when the * button is pressed, the park lights will flash a diagnostic code to indicate what shutdown input has been triggered.

Flashes	Problem	Solution
3 slow flashes	System is in valet mode	Cancel Valet Mode
4 slow flashes	Door Open	Manual trans. models only
5 slow flashes	Ignition ON	Turn off Ignition key and try again
5 flashes	Brakeswitch	Contact your product dealer
6 flashes	Hoodswitch	Contact your product dealer
7 flashes	Tach lock-out	Start vehicle with key, after 5 sec. try again

BATTERY REPLACEMENT

When your starter system begins to show a significant reduction in transmitter range, or the remote does not respond correctly, it may be time to change the battery. The transmitter uses 1-1.5 Volt AAA (Triple A) battery. If your system was supplied with a secondary one-way transmitter, it will use 2 - 3 volt Cr2032 lithium batteries.

If the transmitter shows no significant improvement after replacing the batteries, contact your product dealer to have the system inspected.

TEXT READY



This TS251A unit is **TEXT READY**. This unit is fully compatible with one of Titan's new SMS text messaging systems. This new advanced technology allows you to control and monitor your vehicle from anywhere you have GSM/GPRS cellular phone coverage. Ask your Titan dealer for details about this exciting new product.

Limited Lifetime Warranty

The manufacturer warrants to the original purchaser of the remote starter and/or alarm, that the product shall be free from defects in material and workmanship. However, should this product be proven to be defective, within a three year period from the original date of purchase, the manufacturer will, without charge to the purchaser (excluding any charges incurred to have the product delivered to the manufacturer), repair or replace any part of the remote starter and/or alarm which the manufacturer agrees to be defective. After the initial three year period the manufacturer shall repair or replace defective products with a nominal processing fee of \$35.00 USD. All warranties apply to the original purchaser and the vehicle in which the unit was originally installed ONLY. Repairs or replacement of defective modules shall remain at the discretion of the manufacturer. All other parts, components, accessories, and/or optional equipment pertaining to the remote starter and/or alarm are not included in the manufacturer's warranty. **This warranty is non-transferable.** Request for warranty service from any Factory Authorized Dealer must be accompanied with the original purchase receipt. Failure to comply with any of these conditions may result in warranty being voided. This warranty does not cover the following: removal and reinstall labor charges, shipping charges, abuse, misuse, or accidental damages to the remote starter and/or alarm, automobile, and/or parts thereof. This warranty is void upon modification, repairs, or alterations to any part of the product. The manufacturer does not guarantee or insure against theft of the vehicle or its contents. Alarm models are designed only to act as a deterrent against possible theft. This alarm may qualify for auto insurance discounts. Contact your insurance agent for further information. The manufacturer shall not be held liable for any consequential damages due to breach of this or any other warranty, expressed or implied. This warranty gives you specific legal rights. Your specific legal rights may vary for each region.

CERTAIN DAMAGES EXCLUDED – The manufacturer expressly disclaims any liability or responsibility for incidental damages caused by the product, including economic loss, loss of use of the product, car rentals, or any other costs relating to the care and custody of the product. The manufacturer disclaims liability or responsibility for any consequential damages caused by the product or resulting from its use, including the cost of repairing or replacing other property damaged by the product or caused by its use, whether or not the product is working properly. The product is intended to deter unauthorized use of the vehicles in which it is installed. The manufacturer does not warrant that the product is fool-safe against theft and/or vandalism and/or human error or misuse. The manufacturer accepts no liability or responsibility for any damage of any kind whatsoever caused to any vehicle in which the product is installed or any resulting damage from its use. The manufacturer accepts no responsibility or liability for any damage resulting to or theft of the vehicle or its contents caused or alleged to be caused, directly or indirectly, by failure of the product.

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FCC Notice

This device complies with Part 15 of the FCC rules. Operation of this device is subject to the following conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.
- (3) **CAUTION:** Changes or modifications not expressly approved by the part responsible for

Notes:

TITAN

REMOTE STARTERS

**TEXT
START
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