



11379 Trade Center Dr. #330  
Rancho Cordova, Ca. 95742

**Comments or Questions?**

*Call us  
on our 24hr  
customer service hot line.*

**1-888-NO THEFT**

*Dealer Security Solutions Inc.  
warranties Triad against  
manufacturing defects and  
workmanship for a full three years  
from the original date of purchase.*

See warranty registration for additional terms and conditions.

**Products**

Made In The

**USA**



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TIRIS™ is a registered trademark of Texas Instruments.  
TRIAD™ is a trademark of Dealer Security Solutions Inc.



# Owners Guide



**TIRIS** Technology by  
TEXASINSTRUMENTS™

**ZERO CONTACT SECURITY**

Congratulations on your purchase of the Triad™ vehicle security system.

Utilizing the revolutionary new TIRIS™ transponder technology from Texas Instruments, Triad™ delivers an unsurpassed level of bulletproof protection found in no other vehicle security product.

Triad™ products define the leading edge in vehicle security available today.

Our fully passive design assures you continuous protection with unprecedented ease of operation.

All Triad™ products are proudly manufactured in the United States and constructed using only the highest quality materials and electronic components to insure optimum performance and long lasting quality.

We sincerely hope you enjoy a genuine sense of security and satisfaction in owning this product.



**CERTIFICATE OF INSTALLATION**

**ANTI-THEFT AUTO SECURITY SYSTEM INSURANCE DISCOUNT APPLICATION**  
*(FILL OUT AND RETURN TO YOUR INSURANCE COMPANY)*

Comprehensive insurance coverage reductions for anti-theft devices vary from state to state. Check with your insurance company for more information on discounts in your state.

In many states this device qualifies for between 10%-25% reduction.

*I certify that the vehicle described below has been equipped with the Triad anti-theft device which provides Passive Ignition Interrupt.*

Name \_\_\_\_\_

Address \_\_\_\_\_

Insurance Co. \_\_\_\_\_

Vehicle Year/Make/Model \_\_\_\_\_

Date of Installation \_\_\_\_\_

Signature of owner \_\_\_\_\_

# TIRIS

Texas Instruments Registration & Identification System  
A Revolution in Vehicle Security

For over a decade security experts have chosen TIRIS Transponders for their most demanding security applications. Many major corporations around the world use TIRIS transponders for access control in their most vital facilities.

TIRIS's superior performance, astounding reliability and sophisticated security encryption format (*Over 4.5 Billion unique codes*) have made it the system of choice when no room for compromise was acceptable.

Recent advancements in high speed production techniques by Texas Instruments are bringing this remarkable technology to the forefront of consumer security applications.

TIRIS Transponders are quickly establishing themselves as the "New World Standard" for vehicle protection.

This new class of anti-theft systems is so effective that in January 1998 European Union nations banded together to pass a sweeping mandate (Directive 95/56/EC) requiring all vehicles sold in member countries to be equipped.

Today, TRIAD security systems deliver the awesome protection of TIRIS transponder technology for every vehicle on the road.

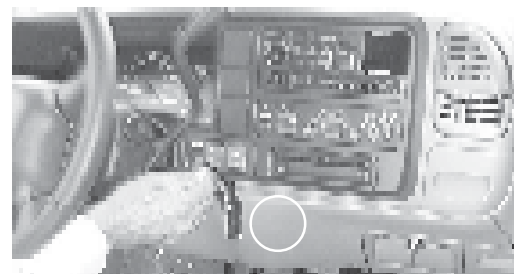
As a Triad owner you can enjoy the peace of mind that comes from knowing your vehicle is protected by absolutely the finest security available.

## Basic Operation for vehicles with Steel Steering Columns

### *Using Triad Couldn't Be Easier!*

Triad is a "Fully Passive" security system. Operation is virtually effortless. If your vehicle has a steel steering column, Triad's antenna will typically be mounted to the right of the steering column behind the drivers dash panel.

To operate Triad, depress your brake pedal immediately after you enter your vehicle. This will activate Triad's hidden antenna to begin searching for your coded Triad Transfob. You will notice Triad's LED will begin to rapidly flash Red.



Wave the Triad Transfob on your key ring within 4" of the systems antenna. Triad will "Beep" twice, indicating it is reading the unique digital code of your TIRIS transponder and comparing it to authorized codes in the systems memory.

If an authorized code is confirmed, the systems LED will change from Red to Green as Triad engages your vehicles ignition system for starting.

Once the systems LED has turned Green, insert your key into the ignition and start your vehicle!

## Additional or Replacement Transfobs or Cards



**\$89.95**



### Dual Triad Transfob Pack



**\$49.95**

### Triad Emergency Card *Highly Recommended!*

*Triad systems can be programmed with any combination of up to 6 unique transponder codes.*

**To order additional Triad Transfobs or Emergency Cards**

**Call**

**1-888-NO THEFT**

**ZERO CONTACT SECURITY**

## System Components



### “Transfob” Transponder Pack

Triad’s digital memory stores up to 6 individual transponders. Additional Transfobs & Cards can always be added for every family member.

*Each Triad Transfob has its own unique digital code.*



Designed for many years of continuous performance, Transfobs have no contact points or moving parts. Triad’s laser cut acrylic case is waterproof and highly shock resistant.



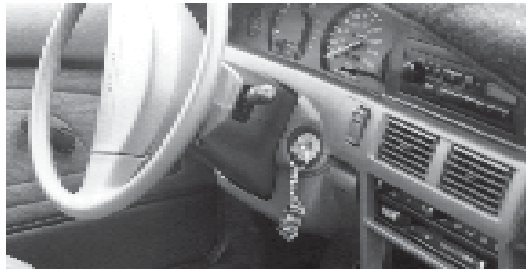
### Triad Emergency Card *(sold separately)* *Highly Recommended!*

Kept in a wallet or purse, Triad Transponder Emergency Cards provide assured access to your system in the event lost keys.

## Basic Operation

### Using Triad Couldn't Be Easier!

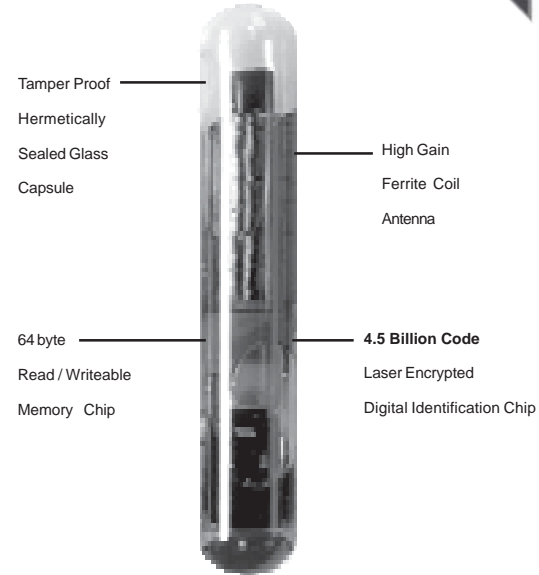
Triad is a "Fully Passive" security system. Operation is virtually effortless. Upon entering your vehicle, simply insert your ignition key into the lock cylinder and turn your key to start. In a fraction of a second Triad will read your Transfob Transponder, confirm you as an authorized user and engage your ignition.



Triad's hidden antenna begins searching for your coded Triad Transfob as your ignition key is turned. Triad will "Beep" twice, indicating it is reading the unique digital code of your TIRIS transponder and comparing it to authorized codes in the systems memory. If an authorized code is seen, Triad's LED will change from Red to Green and engage your ignition.

To confirm your system is operating properly, attempt to start your vehicle with your Transfob removed from your keyring. Your vehicle will not start indicating Triad's "Ignition Lockout" has been activated.

Encased in your Triad™  
Transfob is a sophisticated electronic  
transponder device called TIRIS™  
technology by Texas Instruments™



Unlike conventional alarms with external transmitters, Triad is a "Close Proximity Device". Its "RF" (radio frequency) signal transmits only 4"-6" inches making it impossible for thieves using even sophisticated "Code Grabbers" to duplicate.

### Side View



## *“Fully Passive Arming”*

*Oh No!*

Forgot to arm your security system?

Never again with *“fully passive arming”*

No Buttons to push, No additional keys to remove  
Nothing to remember, Nothing to forget

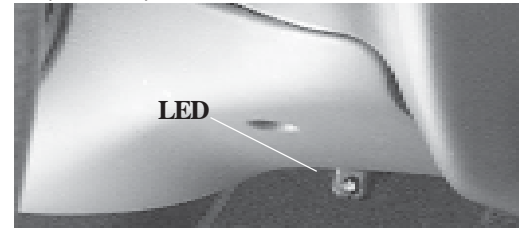
When you turn off your engine, Triad automatically Arms fifteen seconds after your ignition is turned off. No buttons to push, No codes to remember, No batteries to go dead.

This type of security system qualifies for comprehensive insurance discounts in many states.  
( See page 10 for Insurance Discount Application)

## Getting Started



Attach your Triad Keyfob directly to your vehicle ignition key. (Never attach more than one transponder Transfob to your key ring at a time, multiple codes may cause system to misread).



Usually located to the lower right of the steering column, Triad’s dual color LED (*flashing light*) gives continuous information of system status. The LED in conjunction with your Triad window decals, warns potential thieves that your vehicle is protected.



Hidden inside your steering column housing is Triad’s communication antenna. When you attempt to start your vehicle, Triad begins searching for the unique digital signature of your Triad Transfob.

(Steel steering column vehicles typically have a dash mounted antenna, see page 7 for Operation Instructions.)

## Test Activation of Triad II Security Features

The following instructions will familiarize you with all the security features of your Triad II system. We recommend you test your system for "Feature" operation periodically. Read the following instructions completely prior to beginning:

### A. Set up for system test:

1. Roll down the drivers side window, this will allow you to hear and see Triad II enter "Armed Mode"
2. Remove your Triad Transponder (*Key Fob*) from your key ring and place it **on the passenger seat**.
3. Exit the vehicle, close all doors and trunk.  
Wait for the system to arm.

### B. Armed Mode.

After all vehicle entry points are closed and ninety seconds has elapsed, the system will arm. Triad II will "beep" four times and the systems LED (*flashing Light*) will start slowly blinking **Red**, indicating the system has entered "**Armed Mode**".

*Note: Opening any vehicle entry point during the arming period will reset the systems arming timer.*

*\*\* If your vehicle has a delayed dome light, Triad II will not arm until ninety seconds after your dome light turns off.*

### C. Intrusion Detection & Ignition Disable.

**\*\* Important:** As you enter your vehicle, keep your eye on the systems LED, it will change from slow to rapidly flashing Red. This indicates the system has detected entry into the vehicle.

With the Triad Transponder removed from your keys, enter and attempt to start your vehicle. Your vehicle will not start, verifying Triad II's ignition lockout function has activated.

Once entry is detected, Triad II will begin a series of "beeps": two beeps @ five seconds and again two beeps @ ten seconds. These beeps request that an authorized transponder be shown to the systems hidden antenna. If no Transponder is shown to the system within the following five seconds, the systems alarm sequence will activate.

### Triad Transfob & Emergency Card Order Form

Complete and mail to: Dealer Security Solutions Inc.

11379 Trade Center Dr. #330

Rancho Cordova, Ca. 95742

Name _____	Item	Quantity	Price	Total
Address # _____	Dual Transfob Packs _____	@	89.95 each.	_____
_____ street _____ apt # _____	Triad Emergency Cards _____	@	49.95 each	_____
_____ city _____ state _____ zip _____				Total _____



With the Triad Transponder removed from your keys, enter and attempt to start your vehicle. Your vehicle will not start, verifying Triad II's ignition lockout function has activated.

Once entry is detected, Triad II will begin a series of "beeps": two beeps @ five seconds and again two beeps @ ten seconds. These beeps request that an authorized transponder be shown to the systems hidden antenna. If no Transponder is shown to the system within the following five seconds, the systems alarm sequence will activate.

#### **D. Alarm Sequence**

*Triad II uses a progressive alarm sequence, eliminating false alarms. It has proven to provide the optimum balance between true theft deterrence and user convenience.*

#### **Your Triad II alarm sequence will progress as follows:**

**Stage 1.**- Fifteen seconds after opening any of the vehicles entry points, Triad II will begin flashing the vehicle dash lights and exterior parking lights. Triad II will also begin sounding a continuous series of "Warning beeps" inside the vehicle.

**Stage 2.** - If during the next fifteen seconds Triad II continues to detect unauthorized vehicle entry, your horn will activate and will blast once per second for the next thirty seconds. The system then rests for a few moments and begins again. This is the first of three alarm cycles, each lasting thirty seconds. After the third alarm cycle if no further tampering is detected, Triad II will automatically rearm.

**\*\*\* Triad II's alarm sequence can be terminated at any point in this process by showing the systems antenna your Triad Transponder.**

