

# TOYOTA

Other Mongoose / Toyota  
CanBus Products

## TVSR – Voice Safety Reminder System and Speed Alert

The TVSR gives you voice warnings such as; if any door is left open, the handbrake is on, you haven't put your seat belt on – 10 different vehicle modes are monitored.

It also includes an over-speed warning which you can set.

## TES – Remote Engine Starter

Cool down your cars interior in summer or warm it up in winter. Just press your Toyota remote buttons to start the engine before you enter the car. Foolproof and safe.

## TTP – GSM Alarm text pager

Afraid you won't hear your car alarm sound ?

Did you lock the doors ?

Fear not, the TTP sends a warning text message if the alarm sounds and you can text the car to check if it is locked – if not, send another text to lock it !

## TWK – Window wind-up

Found that a window has been left open after you have locked it?

Just press your Toyota remote to wind up any open windows.

A bit too hot in summer to get in ?

Just press your remote to open all or just one window to cool down.

[www.mongoose.com.au](http://www.mongoose.com.au)

[www.mongoose.co.nz](http://www.mongoose.co.nz)

Specifications may change without prior notification. We advise professional fitting of this product.



# TOYOTA

## 'TA' Vehicle Security System

Suitable for 2009/2010 models onwards

AURION  
CAMRY  
COROLLA  
PRIUS  
PREVIA  
YARIS  
HIGHLANDER  
LAND CRUISER 200  
PRADO  
RAV4

## Installation & Operation

CanBus  
data communication

# 'TA' Toyota CANBUS Vehicle Security Alarm System

This product is an advanced digital signal, microprocessor controlled alarm system that is designed to work with Toyota's passenger vehicles Canbus keyless entry system.

## Instruction for use:

1/ The TA system will arm and disarm at the same time the vehicle locks or unlocks from the Toyota remote control. The siren chirps to confirm operation.  
2/ An intrusion through any of the doors, tailgate/boot or bonnet will trigger the alarm system.

3/ Glass breakage is detected by the microphone sensor and will trigger the alarm if it 'hears' the sound of glass breaking. The sensor is adjustable for sensitivity.

4/ Ignition door lock & unlock. (Optional connection)

If connected, the TA will lock the doors when driving speed exceeds 15kph.

Doors automatically unlock when the ignition is turned off.

5/ If the alarm is armed by original remote but unlocked by some other remote, this will be treated as unauthorized intrusion and will trigger the alarm.

6/ The supplied siren is a battery back-up type. Battery isolating keys are supplied to disable the siren during routine servicing, a vehicle fault causes the siren to sound when it shouldn't or when the vehicle battery is to be disconnected.

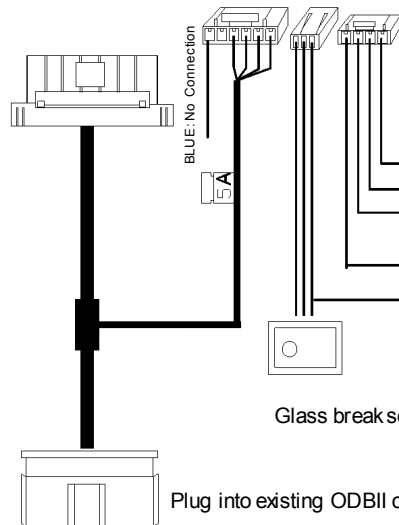
Arm/disarm chirps can be programmed on or off.

- 1/ Disarm the alarm and turn ignition off
- 2/ Press door switch for at least 2 sec.
- 3/ Release door switch then press door switch 5 times (each within 1 sec.), remaining closed at 5<sup>th</sup> time.
- 4/ If correct, you will hear 1 chirp to confirm setting mode
- 5/ Press **lock** button - short chirp means chirps ON
- 6/ Press **unlock** button - no chirp means chirps OFF

LED  
Some versions are supplied with a dash LED which plugs into the rear of the module



This plug replaces factory OBDII



Glass break sensor

Plug into existing OBDII connector

Green/white to lock - for ignition lock only  
Green unlock - for ignition lock only  
Black/white (-) horn (do not connect if using siren)  
OR  
Pink to Siren Trigger (+)  
Bonnet trigger (-)

+12v  
Vehicle battery  
Chassis GROUND (-)

## Installation of components



Fig A



Fig B



Fig C

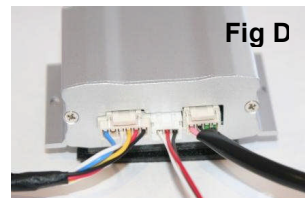


Fig D

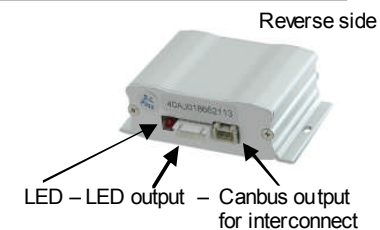
1. Locate OBDII canbus connector under the steering wheel – lower dash area (Fig A)
2. Plug in supplied OBDII wiring harness (Fig B)  
Note: make sure the two connectors are firmly connected. Secure harness with cable ties.
3. Fit the female connector of OBDII harness into original OBD socket location (Fig C)  
(Colours of plugs may differ)
4. Attach the glass break sensor module with cable ties under the dashboard in a position where it can be adjusted. Mount the microphone to the top or bottom of the 'A' pillar. Carefully route the cable to avoid any airbags.
5. Mount the siren under the bonnet near the vehicle battery or other suitable location which avoids excessive heat and possible water penetration but allows the siren's internal battery isolating key access. Connect siren ground with a star washer direct to the vehicle chassis – not any siren mounting screw. Fit a ring terminal onto the +12v (red) and connect to the vehicle battery.
6. Fit the supplied bonnet pin switch and parallel the trigger wire to the siren wires.
7. Run the siren and bonnet trigger wires through an existing firewall rubber grommet and connect to the module's siren wire.
8. Plug in the glass break sensor and siren harness. (Fig D)  
Connect bonnet trigger wire to white of glass sensor loom. Plug in the CanBus OBDII connector. Connect black/white wire (-) to hazard switch
9. Test for correct operation. If necessary, adjust the sensor for correct sensitivity.

Note: The control module must be concealed from tampering. Secure the unit in chosen location.



### IMPORTANT

If connecting more than one Toyota control unit, the second unit does not require the main 'T' OBDII connector - use the supplied 3 wire interconnect loom. If a 'TWK' window kit is also used, the window kit must be last in series. Do not use two OBDII Canbus looms.



Reverse side

LED - LED output - Canbus output for interconnect