

MT 2500 Quick Start

Installation Instructions

Pre-installation Check

Perform a basic vehicle check before starting installation. Note any issues or pre-existing conditions.

Installation Location

Mount the MT 2500 in a hidden location.

Choose a high point in the dash or on an outer edge (inside dash).

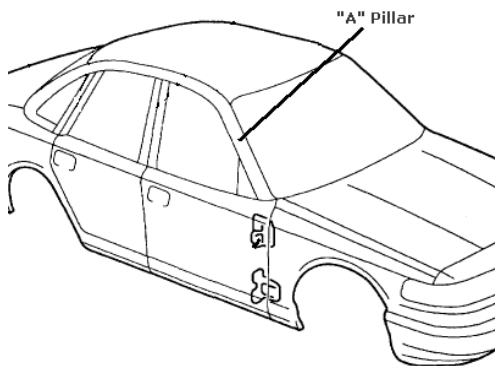
Using tie straps make certain the unit is secured well so that it will not rattle or come loose.

Position the MT2500 with the white label facing out/up (GPS side).



Avoid heavy metallic surroundings.

Suggested mounting locations are under the driver or passenger dash, behind glove box, behind "A" pillar, top or in center console.



Never mount the unit in the engine compartment, within 6" of the AM/FM radio, on top of the dash, or in a location that would be exposed to the elements.

Standard Wiring for the MT 2500 has (3) standard connections 12VDC to the vehicle.

Wiring Harness

Color	Function
black	ground
white	Ignition sense input
red	power (+9 to +16 volts)
blue	starter disabler (optional)
green	USB 5+ volts (not used)
brown	panic button (optional)

Standard connections

Connect the black ground wire to the vehicle chassis ground.

The white wire is used as an ignition sense and must be connected to a source which supplies 12 volts when ignition is in the 'on' position and 0 volts when the ignition is in the 'off' position.

Red is the power wire. Connect power last.

The MT 2500 requires 9-16 VDC.

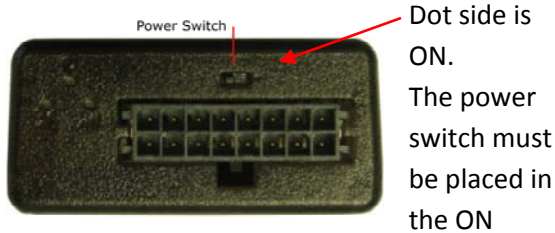
Use a 3 amp fuse.

Optional connections

If using the starter disable see page 2.

If using the panic button, the input uses a negative ground. Insure that this input is only receiving a ground condition on this wire when the Panic Button is pressed.

Power Switch

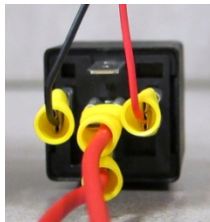


Dot side is ON.
The power switch must be placed in the ON

position before the optional backup battery may be used for operating the MT 2500.

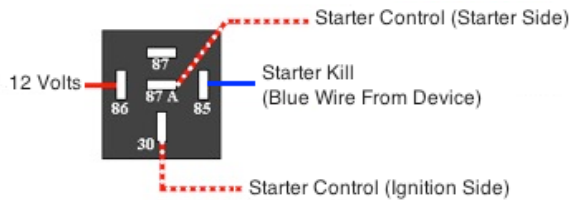
Move the power switch to the OFF position when not in use.

Optional Starter Kill Relay Wiring



You will need 4 female spade terminals.

RELAY-AUTO-5 PIN



Pin(s)	Function
87	not connected
30	Starter Control - the hot end of the starter wire
87A	Starter Control – the engine end of the starter wire
85	Starter Disable – the blue wire from the MT 2500 wiring harness
86	+12 volts – works with Starter Disable Must be continuous

NOTE: For the Starter Disable wires, you cut open the wire that goes to the starter. The hot lead goes to pin 30 and the lead that goes to the starter connects to pin 87A.

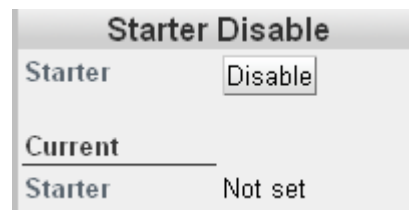
Verify Installation

Once unit is installed, follow procedures for proper function and check-in of GPS unit.

- 1) Turn vehicle's ignition on. The device lights will indicate a reset and the device will activate after about 30 seconds.
- 2) Verify FSNtracks functions for:
 - a. Cut wire
 - b. Ignition
 - c. Panic (if connected)
 - d. Starter Disable (if connected)

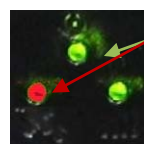
Sensors			
Sensor	Value	Date	
battery			
cut wire	yes	2012 January 15, Sunday 2:53:39 CST	
door	closed	2012 January 15, Sunday 2:53:39 CST	
ignition	off	2012 January 15, Sunday 2:53:39 CST	
inferred motion	yes	2012 January 11, Wednesday 12:52:57 CST	
panic	no	2012 January 15, Sunday 2:53:39 CST	

When the starter is disabled from the tracking platform, the blue wire is pulled to ground energizing the relay and disabling the circuit to the starter.



Indicator Lights

Check the LEDs for **GPS**, **power** and **GSM** status.



NOTE: The device must be outside in order to pick up a GPS signal.