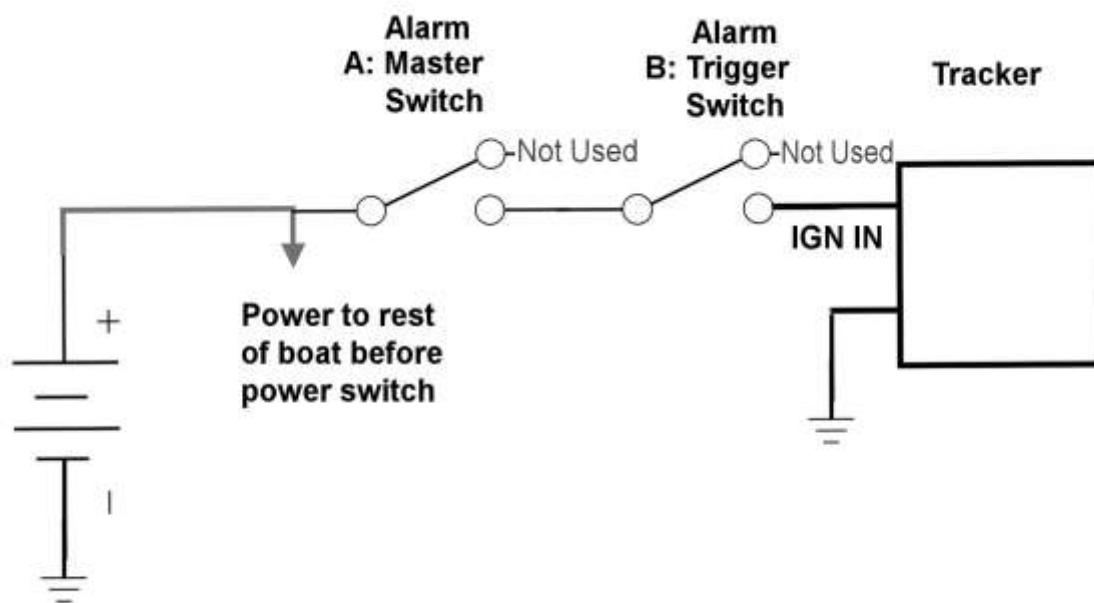




Connecting an Alarm Trigger



These are just a few of the options found on Amazon



Overview

Boat Track supplies a range of professional trackers for marine use and there is a simple way to use the ignition on/off feed (which is not normally used in marine environment) to trigger an alarm, or other indication. The wiring diagram shows the principal and there is an image of a couple of suitable magnet switches as sold on Amazon as an indication.

(Note: The actual sensor wire you connect to for your installation will depend on the tracker model and configuration (usually Yellow) and so contact us before you connect up your wiring).

Notes about fitting

Fit the tracker in the normal fashion and test that everything is working as expected. Once you are sure everything is correct you can then add these additional steps.

These instructions assume the unit has been wired to an 'always on' point such as the positive side of the battery where feeds to the rest of the boat is taken from and to a suitable earth / negative point like the negative side of the battery. The ignition feed from the tracker (assume yellow unless told different) should be run to one side of the magnetic switch via a master switch and then to an '*always on*' positive feed. The door/hatch switch must be wired so that it closes when the magnet is removed which may mean buying a micro switch with three wires giving you both options i.e. common, normally open, or normally closed

The master switch is used to isolate the circuit during normal use, but is switched on when leaving the vessel. It is recommended that it is mounted discretely, but not so discretely that anyone watching the vessel notices the same strange behaviour when you return i.e. lifting up a hatch on the deck and reaching up inside to the hidden switch. The magnetic switch should be mounted on the inside of the door/hatch, mounted and tested with a test lamp or test meter to make sure the switch changes status **i.e. closes the switch contacts and completing the circuit** when the magnet is removed from its proximity.

Once you have confirmed the system is working contact Boat Track and if you are on the standard tariff they will set up the software to send you an email when the door opens. We recommend you set up an exclusive email address with a service like Gmail, which is kept solely for boat messages such as this. Some suppliers like www.smsbroadcast.co.uk will even turn your email into an SMS text. Once Boat Track tells you the software has been configured it is your responsibility to test and confirm its effectiveness.

Please note this idea is NOT infallible:

It is important the user understands that when warnings are triggered by this method they are first combined with a GPS fix and the time. This is then transmitted by the monitoring device using radio waves to the nearest base station. The message then travels along the World Wide Web and then finally is re-transmitted to you via your phone, or computer's source service.

Now as you will find when you test the installation the message does get through nearly all the time (unless you keep doing it seconds apart in which case it will likely ignore you). However, we don't want to give you the impression that you do not need to consider locks and other traditional methods of protection along with the application of common sense, that have worked for most people over the last century.