



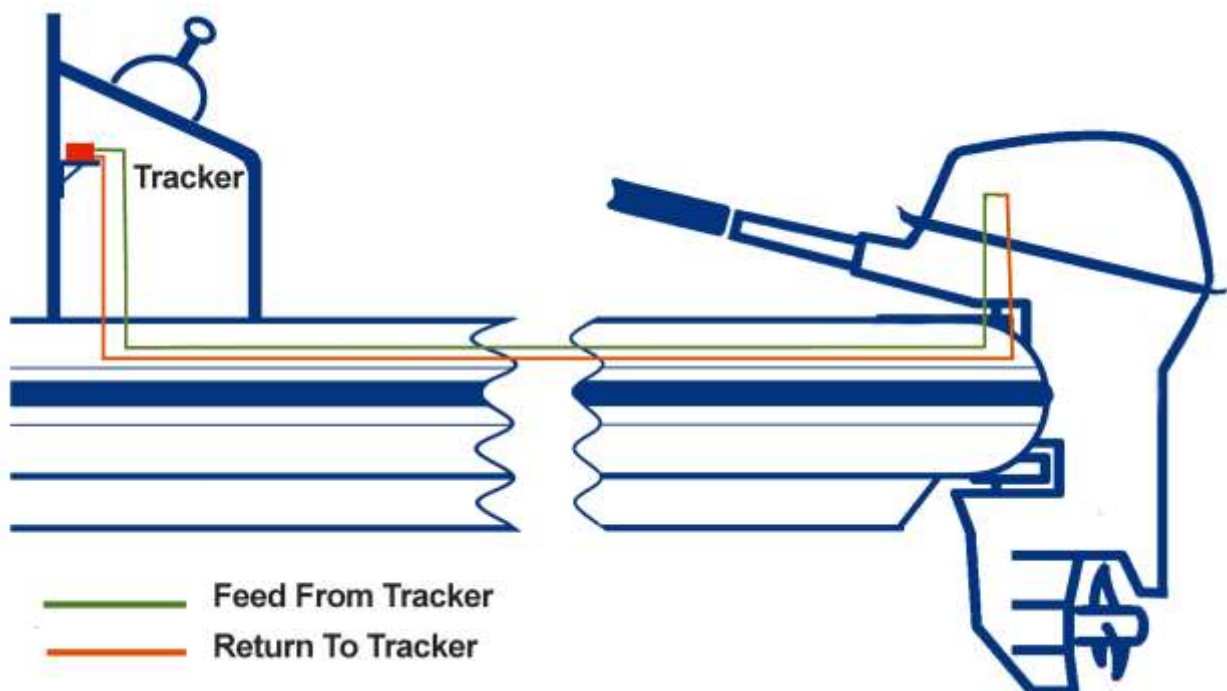
An idea that may help protect your outboard

Installation

The principle of operation is very straight forward, all that needs doing is to connect via a long wire one of the trackers sensor wires to a positive source*, so it forms a loop as in the diagram. (Note: The actual sensor wire you connect to for your installation will depend on the tracker model and configuration and so contact us before you connect up your wiring).

This loop is then run up inside the outboard and secured to any existing wiring with cable ties to make it look as close as possible to the original equipment. Now when the outboard is dishonestly removed, they have to cut the wire and when the circuit is broken the warning email is triggered.

* The positive source can be any, but we recommend picking it up where the positive feed goes into the tracker as in the diagram. This has the advantage that if the power source to the tracker is disconnected it will think the loop cable has been cut and will send a message to that effect. The unit will stay in that state until its own back up battery goes flat, or power is restored.



About email

The system will attempt to send you an email if the alarm state is triggered and is something you should test regularly when you are on the vessel. We recommend you set up an exclusive email address with a service like Gmail, which is kept solely for boat messages such as this, or if you are using our Geo-Fencing when your vessel leaves the mooring.

These service providers can have the advantage that you may be able to configure the service to send the email to multiple recipients. You can also (depending on your email program) configure different warnings when an email comes in from a specific email address. Again this should be regularly tested. Some suppliers like www.smsbroadcast.co.uk well even turn your email into an SMS text.

Power

If your vessel is not shore powered then the unit will flatten the vessel's auxiliary battery eventually, in this case protection will be removed. In the case of vessels that are not in regular use, we recommend that some form of trickle charge is arranged, it needs less than a constant 250ma. If mains is not available then a commercial Solar Panel Kit (20watts or greater) may be a solution.

Tips

Some customers cut the looped cable and fit a connector in it around the point where the lead enters the outboard. The theory being that most thieves will unplug rather than cut through a cable on an outboard they hope to later sell and will often do it first giving a longer warning. A suitable item from Amazon is shown right. Another useful tip is to use a looped 'multi wire' cable making it harder for someone who knows you have a tracker to understand what the cable is and how you wired it.



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.