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Attaching the External Antenna



Attach the antenna to the roof of the vehicle, positioned centrally across the vehicles width.

For non metal roofs use the supplied metal plate by firstly cleaning the area and ensuring it is dry, then remove the plastic covers from the self adhesive strips on the metal plate and stick to the vehicle roof. The antenna can be attached to this plate and be held safely on the roof.

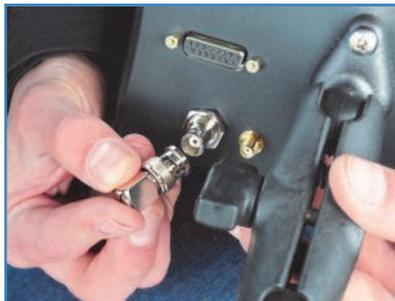
Run the cable into vehicle cab, if going through a window or door please make sure that there is enough of a gap in the rubber to allow this, otherwise the cable could be damaged and with no signal from the antenna the BlackBox will not function correctly.

Warning – Please disconnect the unit from the power supply, if you need to jump start your vehicle.

Fitting in the Vehicle



1) Attach the RAM arm to the ball on the back of the BlackBox unit.



2) Connect the antenna plug to the connector of the unit.



3) Plug and screw in the power lead connector. **Be sure not to over tighten.**



4) Push the suction mount on to the windscreen and turn the lever from the off to on position.



5) Tighten the screw on the arm to secure in position. **Ensure the unit is level and square to the windscreen if using tilt.**

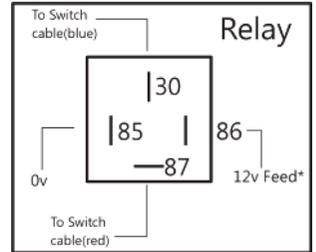
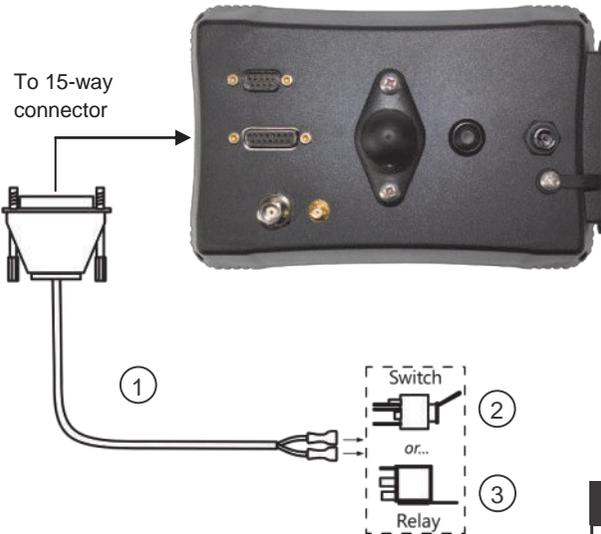


6) Connect the 3-pin plug of the power lead to the vehicle power supply. The unit will power up automatically.

Warranty Void if suction mount fails !! - It is advised that the suction mount is removed from the windscreen when the unit is not in operation and reattached on a day to day basis.

For a more permanent fixing please detach the ram ball from the suction mount and secure down in the vehicle.

Connecting a switch to control coverage area

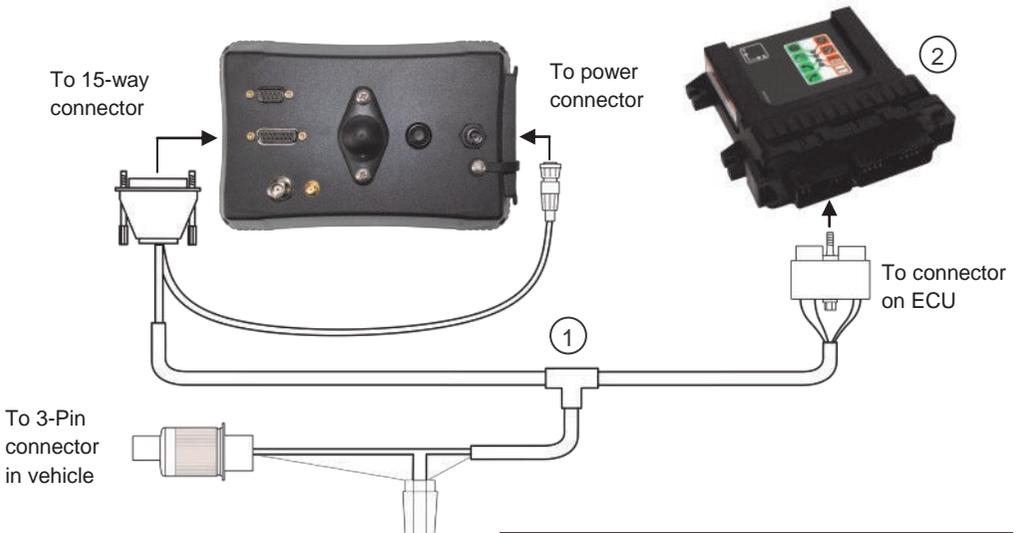


* The relay option uses the voltage feed which is inline with the implements main on/off switch to control the coverage area recording. See above diagram for connections.

The BlackBox will need to be configured to work correctly with the switch, for details see Ports Setup menu 'On/Off' in the Operating Instructions.

Ref	Description	Part No.
1	Boom Sense Cable	03-05-0015
2	Switch (request when ordered)	N/A
3	Relay (request when ordered)	N/A

Connecting to the Auto Steer System



The BlackBox will need to be configured to work correctly with the auto steer system, for details see Advanced menu 'Steering' in the Operating Instructions.

Ref	Description	Part No.
1	Evolution Cable	03-05-0039
2	BlackBox Evolution Kit	Various

System Maintenance

Changing the Fuse

Warning !! - Before beginning the following procedure, disconnect the unit from the power source.



1) Gently prise open the fuse holder lid.



2) Remove the fuse from the fuse holder and replace with a '2A' standard blade fuse. Refit the fuse holder lid.

Cleaning the unit

The outside surfaces of the unit can be cleaned with a damp (well rung out) lint free cloth. Please allow the unit to dry fully after cleaning before powering the unit on again.

Updating the software

Patchwork are continually improving the BlackBox software through improved usability and adding new features.

The updates are free to BlackBox users and can be obtained by taking the SD Card supplied with the unit, to a computer with internet access. Using an internet browser go to www.patchwork.co.uk/support_updates_blackbox.aspx and follow the onscreen instructions.

Important !! - Storage when not in use

If the unit is not going to be used for a long period of time, it is best to remove the system from the vehicle and store safely in a dry safe location inside your home or workshop.