

NOTE:

TO FULLY UNDERSTAND THE OPERATION OF THE AUTOWATCH ALCOLOCKS 740 WAB SYSTEM, THIS DOCUMENT MUST BE READ IN CONJUNCTION WITH THE OPERATOR'S BOOKLET SUPPLIED WITH THE PRODUCT. THIS DEVICE IS INTENDED FOR INSTALLATION INTO ANY DEVICE WITH A SUPPLY VOLTAGE OF 12 VOLTS.

MECHANICAL INSTALLATION

MOUNTING AND STORING OF THE WAB

- Mounting solutions can be found on the Brodit website. www.brodit.com
- Place the 740 WAB on charge while installing the VBS.
- The 740 WAB should not be mounted or stored where it will be in direct sunlight for extended periods of time.
- Special attention needs to be given to ensure no airbags will be obstructed when the 740 WAB or VBS is mounted or stored.
- Special care to be taken when installing or storing the hand unit to ensure that during an accident it will not cause injury or harm to the driver or passengers.
- Make sure that the 740 WAB unit is within arm's reach of the driver to avoid excessive stretching.
- Preferably use a blank panel to drill and mount the 4 way connector so that it can be replaced in the future.

MOUNTING OF THE VBS

- The VBS needs to be mounted in the DASH and should not effect any standard operation of the vehicle.
- The security housing should be fitted.
- Mount the VBS in such a way to allow the antenna to be aligned vertically.
- The antenna should not be resting against any metal.



1. Check Battery Condition, battery voltage needs to be greater than 9V on cranking Starter Motor. If not, this could cause problems with the operation of the system.
2. Cut circuit is to be used strictly on the Starter Motor and not on any other circuit. ie. Ignition line or Fuel line. For blocking, the Starter Solenoid line is to be cut and rejoined via circuit 1.
3. Outputs from the VBS loom are limited to 100mA per output.
4. All wire joints must be soldered and well insulated. Do not connect the wiring to the Control Module until the wiring is complete.
5. Installer to place Anti-Tamper stickers on units as per diagram.
6. Ensure that all wires that pass through panel holes are protected with Grommets.
7. A 5 Amp in-line fuse (supplied) to be wired into VBS 12V supply.
8. Anti Tamper Screw Caps supplied if you choose to use them.
9. Ensure the 740 WAB is charged, and only use approved chargers.
10. Do not use solvents to clean the 740 WAB touch screen.
11. Do not store the 740 where it can experience excessive heat or cold. This will increase the time for a sample to be taken to be analyzed by the 740.

+12 Volt (Red)

Connect the Red wire to the fused positive terminal of the vehicle battery.

Ignition (Green)

Connect the green wire to a point that has +12 volts available while the ignition switch is in the "On" and "Crank" positions. Do not connect to the "Auxiliary" position.

Ground/Chassis (Black)

Connect the Black wire (from 24 pin connector) to an independent earth point.

Connection to LED Retest Button (Red/Grey) (Optional)

If the LED Retest button is required connect the Red/Grey wire to the Green/Blue of the LED Retest button.

4 Way Dash Mount or Inline Connector

This needs to be accessible to plug in either a Download cable or a Spare TAB. Hole diameter 18.7mm 'D-Shape' to prevent turning of in line connector. ie next to the drivers dash or center consol

Negative/Positive Doors (Early Start Up) (Blue) (Orange)

Doors need to be connected to enable early start up of unit. These lines can be connected to any trigger that is present in the vehicle. Care needs to be taken on selecting if it is a positive or negative trigger. Only one of these lines is needed.

CAN INSTALLATION

Please go to <http://canbus.pfkelectronics.com> for vehicle specific installations.

POST INSTALLATION CHECK

- Turn the 740 WAB "On". Wait for the "home Screen". 740 WAB will Automatically search for a VBS.
- TAP on the Signal Strength. List will appear.
- Press the Drive Change Button (Keep Depressed) and then "LEARN" button on the 740 WAB.
- VBS will appear on the list. Touch on the correct VBS and press "SELECT" on the 740 WAB.
- You are able to rename the VBS from its Serial number to a unique name by pressing on the serial number.
- When you are happy with the naming of the VBS, press "SET" and then the "HOME" icon.
- The 740 WAB and VBS is paired. Repeat above steps to pair multiple VBS units to a single 740 WAB.
- Check that the restart time is correctly set, according to Installation configuration e.g. 30 min
 - Wait the set time. The LED will then start to flash when the system is blocking again
 - Check the wiring and plug the harness connectors into the Control Module.
 - Test the system as per the instructions in the Owner's booklet supplied with the product.
 - Blow a "pass"
 - Ignition ON then ignition OFF

LED states

- Flashing Red - unit not ready
- Red - Fail

- Flashing Green - Give a sample
- Green - Pass

- Flashing Orange - unit heating

UNINSTALLING THE UNIT

- When a unit is removed from a vehicle, care needs to be taken to ensure the vehicles operation is not impeded in any way.
- Please replace the VBS unit with a delete plug unit (part # 724000)
- Remove the WAB mounting solution used
- Replace any panels or blanks that were drilled into the Vehicle
- Seal any exposed wiring
- Check the operation of the vehicle.

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is

encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference and

- 2) this device must accept any interference received, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



Warning: This product contains Lithium Manganese Di-Oxide Batteries.



To reduce risk of fire or burns.

- Do not attempt to open, disassemble or service the battery
- Do not crush, puncture, short circuit the external contacts of the battery or dispose of the battery in fire or water.
- Replace only with the battery designed for this product.

WEEE Directive

Do not throw away or dispose of in landfill site. Return to local distributor or manufacturer.

No tirar o desecho al vertedero. Devolver al distribuidor local o del fabricante

Não deite fora ou dispor em aterro. Retornar ao distribuidor local ou fabricante



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