



Waterscan Electrical Fitting Kit

It is recommended that these instructions be read and the contents checked carefully, prior to the commencement of fitting.

No.	Description	Part No.	Quantity
1	Waterscan Assy	WATERSCAN	1
2	3 pin wiring harness	Harness	1
3	Warning lamp 12 V	6400-224	1
4	Banjo Bolt	B310	2
5	Copper washer	NW-543	4 (or 2 for 12mm)
6	Banjo Fitting	B316 (8mm) or B317 (10 mm) M14-BARB (12mm)	2
7	Tag	56080BL	1
8	Female Electrical Connector	56144	2

Disconnect the battery before carrying out electrical installation. The contents of this kit provide sufficient parts to enable installation on most earth negative applications. Should it be required to fit an insulated return system then additional wires may be required.

Installation (for circuit diagram see below)

The Waterscan unit will operate between 9 and 32 Volts and therefore can be used on both 12 and 24 Volt systems.

The warning lamp supplied in the kit is fitted with a 12 Volt bulb, for 24 Volt installation change the bulb in the warning lamp with a 24 Volt bulb.

Connect the red wire from the 3 pin harness to battery positive via the key-switch.

Using the tag supplied, connect the white wire from the 3 pin harness to earth (or battery negative for non-negative earth return systems).

Mount the dashboard warning lamp in a prominent position and using the female electrical connector, connect the yellow wire from the 3 pin harness to one of the warning lamp terminals.

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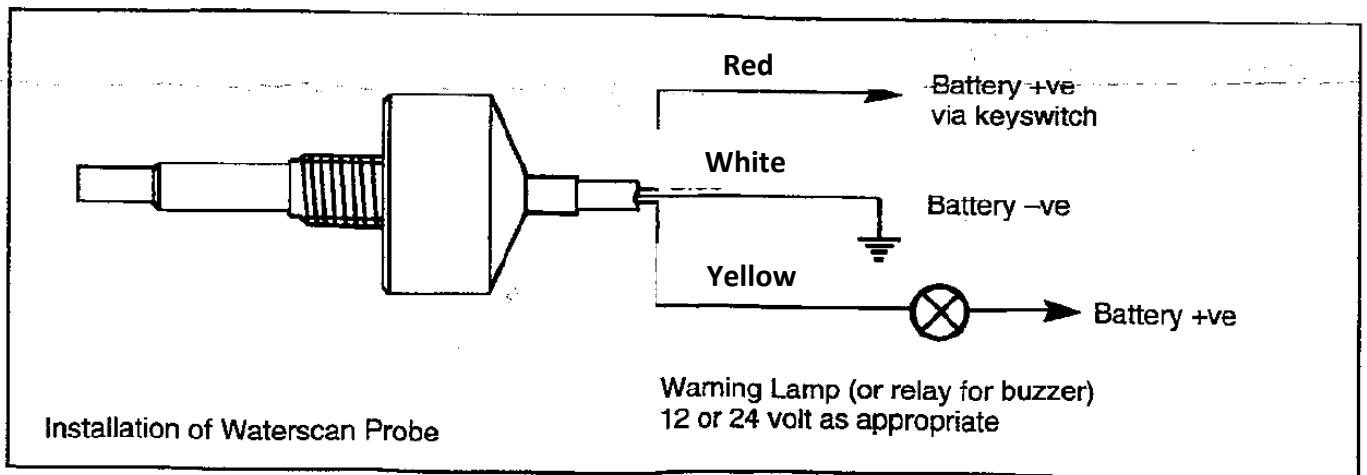


Using the remaining female connector, connect the other warning lamp terminal to battery positive.

The Waterscan may be used on insulated return systems as there is no DC connection to earth.

If it is desirable to use a buzzer in place of the warning lamp, then a suitable relay with a coil consumption of less than 3 Watt must be fitted in the circuit between the buzzer and the probe.

Note: The Waterscan unit incorporates a self check circuit. Hence, every time the key switch is operated, the warning lamp or buzzer will activate for 2 to 4 seconds, indicating that the circuit is functioning.



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