

717 BATTERY DISTRIBUTION CLUSTER

This system is designed for use on charging systems up to 100 Amps.

Ideally suited for the following systems

- Twin Outboards without AUX charge output.
- Two alternator inboard engines without high performance battery sensed alternators.

With the 717 cluster installed, the house battery benefits from receiving charge from both engines. Effectively doubling the efficiency of the charging system. Ideally suited to vessels doing fast passages with short engine running times. The house battery is also charged when one engine is running, either port or starboard.

The VSR's first job is to ensure that the start battery is recharged. When the engine is started the VSR directs all charge to the start battery only.

When the start battery's charge voltage has reached 13.7 volts the VSR joins the start and house batteries, allowing both batteries to charge together. When the engine is switched off the battery voltage will begin to fall back to its normal operating voltage, once it has dropped to 12.8V the batteries will separate ensuring the start and house batteries are isolated.

IMPORTANT

Do not use any type of corrosion inhibiting spray such as CRC, INOX etc. on any part of this unit.

These units are hermetically sealed so do not require any other form of sealing.

The studs have been tinned to inhibit corrosion however a petroleum grease may be used (on metal parts only) if required.

Please note that this product is water resistant but is NOT designed to be submerged.

SPECIFICATION

- DIMENSIONS: 8 1/16 (136mm) W, 5 11/32 (136mm) L, 3" (75mm) H
- SWITCH RATINGS
 - CONTINUOUS: 275 amps
 - INTERMITTENT: 455 amps
 - CRANKING: 1250 amps
 - VOLTAGE: 48 volts
- CLUSTER CAN BE SURFACE OR FLUSH MOUNTED
- UNIT SUPPLIED PREWIRED READY FOR EXTERNAL CONNECTIONS



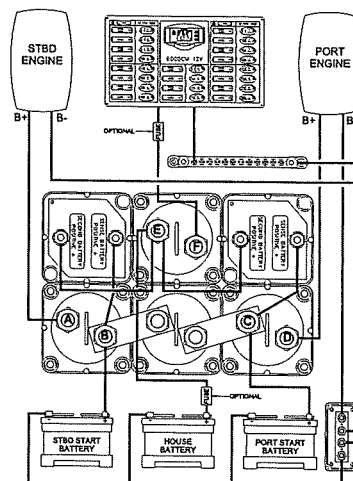
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INSTALLATION DIAGRAM



NOTE: THIS DIAGRAM IS NOT INTENDED TO BE A FULL SYSTEMS WIRING DIAGRAM. IT'S SOLE PURPOSE IS TO SHOW CONNECTIONS.

STUD A- CONNECT DIRECTLY TO THE POSITIVE OF THE STBD OUTBOARD MAIN.

STUD B- CONNECT DIRECTLY TO THE POSITIVE TERMINAL OF THE STBD START BATTERY.

STUD C- CONNECT DIRECTLY TO THE POSITIVE TERMINAL OF THE PORT START BATTERY.

STUD D- CONNECT DIRECTLY TO THE POSITIVE OF THE PORT OUTBOARD MAIN.

STUD E- CONNECT TO THE POSITIVE TERMINAL OF THE HOUSE BATTERY VIA A FUSE.

STUD F- CONNECT TO THE POSITIVE TERMINAL OF THE HOUSE LOAD THROUGH A FUSE.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ ADVERTENCIA: Cáncer y Daño Reproductivo
⚠ AVERTISSEMENT: Cancer et Troubles de l'appareil reproducteur

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