



BLUE SEA SYSTEMS

Shunt Shifter

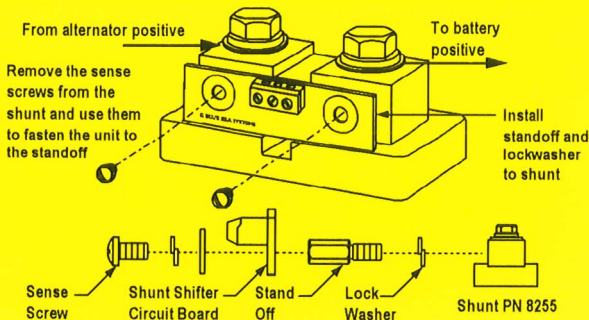
Shunt Adapter for DC Digital Ammeter
Positive Side Alternator Applications

PN: 8242

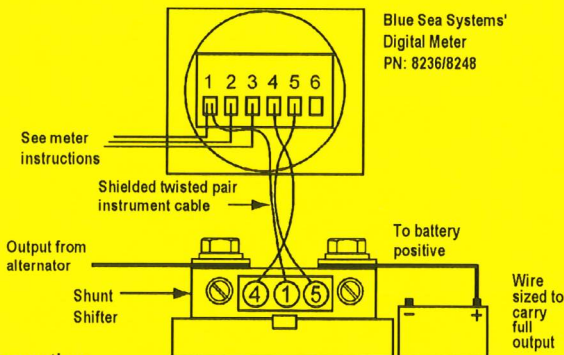
For 12 to 36 Volt DC Systems

For use with Blue Sea Systems' Digital Meter Shunt PN 8255

Easily installs directly onto shunt.



The Shunt Shifter allows a 500A/50mV shunt (PN8255), installed in the positive side of a circuit, to be used by digital meters that normally require the shunt to be installed in the negative. A ground referenced signal is generated that mirrors the mV drop across the shunt.



Connection

1. Install the Shunt Shifter as shown using the existing sense screws and standoff hardware supplied.
2. Install the shunt in the circuit to be measured. The power terminals must rest directly on the shunt block.
3. Connect the meter sense leads to the terminal block. The center negative terminal connects to #1 of the meter to provide a negative reference. The outer terminals connect to #4 and #5 of the meter.
4. If the polarity reading of measurement does not suit your application, reverse leads #4 & #5.

Specifications *

	Typical	Maximum
Offset Error at 0A	0.1A	0.3A
Accuracy (% of Reading)	±1%	±2.5%

* When used with Blue Sea Systems 82XX Digital Meters.

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