

# 48506 12V to 6V Converter for a Motorized Duck Decoy



Permits 6V duck decoys to be energized by a 12V battery.

Solid state converter unit is reverse polarity and short circuit protected.

100ft converter cable has slide-on 3-way spade connectors that easily connect to the duck motor and the 6V battery.

## Electrical Installation

**1. Install the wiring from the converter unit to the decoy.**  
Switch the decoy off while installing the wiring.

Inside the decoy duck, identify the wire that connects to the positive terminal of the 6V battery. Disconnect it from the battery and reconnect it to the 3-way terminal on the BLACK WITH WHITE TRACE wire coming from the converter unit. You can reconnect the 3-way terminal to the 6V battery or not\*.

Similarly disconnect the wire from the 6V battery negative terminal, and reconnect to the 3-way terminal on the BLACK wire coming from the converter unit. You can reconnect the 3-way terminal to the 6V battery or not\*.

*\*If you do not reconnect to the 6V battery, insulate all exposed wire terminals using electrical tape.*

**2. Install the wiring from the converter to the 12V battery.**  
Wires have ring terminals suitable for connecting to a standard terminal block. This allows hookup of multiple units from one battery.

Connect the RED wire from the converter to a terminal block, then to the positive of the 12V battery.  
Connect the BLACK wire from the converter to a terminal block, then to the negative of the 12V battery.



**Cole Hersee Co.**

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