

## CONVERTER WIRING

### 9 AMP MAGNETEK CONVERTER

#### 120 Volt Side

- A. Black wire from power cord, connect to black 120 volt hot input wire.
- B. White wire from power cord and white wire from 14/2 and 12/2 Romex connect to both white wires in converter.
- C. Green wire from power cord, solid copper wire from Romex, and solid copper ground wire from trailer frame, connect to grounding bar.
- D. Orange 120 volt output wire in converter to black on 12/2 Romex 20 amp service.
- E. Yellow 120 volt output wire in converter to black wire on 14/2 Romex 15 amp service.

#### 12 Volt Side

- A. Black wire from trailer lights (top and step) and heater connect to blue converter wire.
- B. Black (pink on some units) wire from auxiliary power harness connect to red converter wire.
- C. White wire from trailer lights, white wire from heater harness and white wire from auxiliary power harness connect to white converter wire.

### 12 AMP MAGNETEK CONVERTER (1996 - 1998 models)

This converter was used until February 1998 then we switched to the electronic 6700 series.

#### 120 Volt Side

- A. Black wire from power cord connects to black wire 120 volt hot input wire (to circuit breaker).
- B. White wire from power cord, converter white wire, and white 14/2 and 12/2 Romex wire connect to neutral buss bar connector.
- C. Green wire from power cord, solid copper wire from trailer frame, and solid copper wire from Romex 14/2 and 12/2 connect to ground buss bar connector.
- D. Yellow 120 volt output wire in converter to black 14/2 Romex wire on 15 amp circuit.
- E. Orange 120 volt output wire in converter to black 12/2 Romex on 20 amp circuit.

## CONVERTER WIRING

Page 2

### 12 Volt Side

- A. Red wire from converter to solid black or black with red tracer at trailer tongue harness (6 or 2 prong plug end).

NOTE: Black with green tracer supplying auxiliary 12 volt to refrigerator also connected in circuit.

- B. White wire from converter to white ground wire in perimeter wire harness.
- C. Blue wire circuit #1 connected to black wire with red tracer to lower galley "kill switch" and black with orange tracer to outside porch light.
- D. Blue wire circuit #2 connected to black wire for electric water pump and cargo storage light (Grand Tour series only).

NOTE: Blue wire circuit #2 on Destiny's have no usage and blue wire circuit #3 and #4 on Grand Tour series have no usage.

## 15 AMP MAGNETEK CONVERTER

### 120 Volt Side

- A. Black wire from power cord connects to black 120 volt hot input wire.
- B. White wire from power cord, white wire from Romex connect to white isolated neutral bar.
- C. Green wire from power cord, copper wire from Romex, and copper ground wire from trailer frame connect to grounding bar.
- D. Orange 120 volt wire output in converter to black wire on 12/2 Romex 20 amp service.
- E. Yellow 12 volt wire in converter to black wire on 14/2 Romex 15 amp service.

### 12 Volt Side

- A. Black wire from trailer lights (top and step) and heater, connect to number 1 blue converter wire.
- B. Black wire from refrigerator and water pump connect to number 2 blue converter wire.

# CONVERTER WIRING

Page 3

- C. Black (pink on some units) wire from trailer auxiliary power harness connect to red converter wire.
- D. White wire from trailer lights, white wire from heater and water pump and white wire from auxiliary power harness connect to white converter wire.

**NOTE: On 1995 and prior year models:** The 15 amp converter, used in the Williamsburg and Plantation models, will also be used in any trailer that has a factory-installed refrigerator.

## 20 AMP MAGNETEK CONVERTER (1996 - 1998 MODELS)

This converter was used until February 1998 then we switched to the electronic 6700 series.

120 volt - same as 12 amp converter

12 volt - same as 12 amp converter

**NOTE:** 1996 - 1997 Niagara models and all 1998 Grand Tour models 20 amp converters (model 6620C) are equipped with a built-in battery charger.

## MAGNETEK CONVERTER WIRING

