Typical Wiring Diagram for 7-Pole RV Connectors

- **1.** Ground: White
- **2.** Electric Brakes: Blue
- **3.** Tail Running Lights: Green
- **4.** Battery: Black
- **5.** LH Stop & Turn: Red
- **6.** RH Stop & Turn: Brown
- **7.** Auxiliary: Yellow

Note: Wires are by function only. Color coding is not standard among all manufacturers.

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**7-WAY TRAILER END**

- **1.** Ground: Red
- **2.** Electric Brakes: Black
- **3.** Tail Running Lights: Green
- **4.** Battery: Brown
- **5.** LH Stop & Turn: Yellow
- **6.** RH Stop & Turn: Red
- **7.** Auxiliary: Blue

Note: There are four additional wires which are not shown in the diagram. These wires include a ground wire and a wire for each of the two brake lights in the right side of the diagram. The auxiliary wire is connected to the left side of the diagram, and the brake lights are connected to the right side of the diagram.

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**7-WAY CAR END (flat pin RV)**

- **1.** Ground: Yellow
- **2.** Electric Brakes: Blue
- **3.** Tail Running Lights: Green
- **4.** Battery: Black
- **5.** LH Stop & Turn: Red
- **6.** RH Stop & Turn: Brown
- **7.** Auxiliary: Yellow

Note: There are four additional wires which are not shown in the diagram. These wires include a ground wire and a wire for each of the two brake lights in the right side of the diagram. The auxiliary wire is connected to the left side of the diagram, and the brake lights are connected to the right side of the diagram.

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**Wiring Diagram Switches Terminals (A) and (S).**