



Wire Color Codes

Recreational Vehicles 7-pole Connectors

No.	Color	Circuits	Recommended Wire Gauge
1	White	Ground Return	10 Gauge
2	Blue	Electric Brake	12 Gauge
3	Green	Tail, License & Running Lights	14 Gauge
4	Black	Battery Charge	10 Gauge
5	Red	Stop & Left Hand Turn Signal	14 Gauge
6	Brown	Stop & Right Hand Turn Signal	14 Gauge
7	Yellow	Auxiliary Circuit	14 Gauge

Universal 6-pole Connectors

No.	Color	Circuits
1	White or Black	Ground Return
2	Brown	Tail Lights
3	Yellow	Left Turn
4	Red	Stop
5	Green	Right Turn
6	Blue	Auxiliary Circuit

Universal 4-pole Connectors

No.	Color	Circuits
1	White	Ground Return
2	Green	Right Turn & Brake Lights
3	Yellow or Red	Left Turn & Brake Lights
4	Brown	Tail Lights

Heavy-duty 7-pole Connectors

No.	Color	Circuits	Recommended Wire Gauge	FMVSS-121 Anti-lock
1	White	Ground Return	10 Gauge	8 Gauge
2	Black	Clearance, Side Marker & Identification Lamps	12 Gauge	12 Gauge
3	Yellow	Left Turn & Hazard Signal	12 Gauge	12 Gauge
4	Red	Stop Lamps & Anti-lock Devices	12 Gauge	10 Gauge
5	Green	Right Turn Signal & Hazard Signal	12 Gauge	12 Gauge
6	Brown	Tail, Rear Clearance, Marker & License Plate Lamps	12 Gauge	12 Gauge
7	Blue	Auxiliary Circuit	12 Gauge	12 Gauge

9-way (9 circuit) Connectors

No.	Color	Circuits	Recommended Wire Gauge
1	White	Common Ground	8 Gauge
2	Blue	Electric Brake	12 Gauge
3	Green	Tail, License, Running Light	14 Gauge
4	Black	Battery Charge	8 Gauge
5	Red	Stop & Left Turn or Left Turn	14 Gauge
6	Brown	Stop & Right Turn or Right Turn	14 Gauge
7	Yellow	Back-up or Auxiliary Ground or Auxiliary Circuit	14 Gauge
8	Gray	Auxiliary Circuit	12 Gauge
9	Orange	Reefer (Tag) or Stop	14 Gauge

Note: Check all Circuits before operation vehicle.

