

## Wire Color by Vehicle Manufacturer

| Dual Purpose Bulb System   |  |                 |                        |                                 |                      |                              |                        |                              |
|----------------------------|--|-----------------|------------------------|---------------------------------|----------------------|------------------------------|------------------------|------------------------------|
| Wire Function              | Wire Color                                 | GMC             | Ford                   | Chrysler                        | Jeep                 | Toyota                       | Honda                  | Mazda                        |
| Right Turn & Brake Lights  | Green                                      | Green           | Orange w/ Blue Stripe  | Brown                           | Brown                | Green w/ Yellow Stripe       | Green w/ Yellow Stripe | Green w/ Yellow Stripe       |
| Left Turn & Brake Lights   | Yellow                                     | Yellow          | Lt Green Orange Stripe | Dk Green                        | Grey w/ Black Stripe | Green w/ Black Stripe        | Green w/ Blue Stripe   | Black Stripe                 |
| Tail Lights                | Brown                                      | Brown           | Brown                  | Black w/ Yellow Stripe or Black | Blue                 | Red w/ Green                 | Red w/ Black Stripe    | Green or Black Stripe        |
| Ground                     | White                                      | Black           | Black or Grey          | Black                           | Black & Black        | Black or White               | Black                  | Black                        |
| Single Purpose Bulb System |  |                 |                        |                                 |                      |                              |                        |                              |
| Brake Lights               | Use Converter                              | Pink or Lt Blue | Red w/ Green Stripe    | White                           | Blue w/ Black Stripe | Green w/ Red or White Stripe | Green w/ White Stripe  | Green or Green w/ Red Stripe |
| Backup Lights              | Red  | Lt Green        | Black w/ Pink          | Violet                          | Brown                | -                            | -                      | -                            |
| Electric Trailer Brakes    | Connect To Blue Wire From Brake Controller |                 |                        |                                 |                      |                              |                        |                              |

Vehicle manufacturers have intermittently changed wiring colors over the years.

It is recommended that a [circuit tester](#) be used on the tow vehicle's wiring harness to verify that the correct wire has been located for the proper function.

This chart should be used as a general guide only, **you should always test** before connecting your wiring.

This chart also may not be accurate for vehicles with factory installed trailer harnesses. In past 2-3 years manufacturers have begun to match the wire colors to the code for the common 7 way RV connector. More on that after the chart.

**Caution** if your vehicle has a diagnostic indicator that tells you when a lamp is burned out or not functioning, you may need special wiring adapters **and** testers. Not using these adapters may cause damage to the vehicle wiring or computer.

| function                  | GM       | Ford                     | Chrysler                       |
|---------------------------|----------|--------------------------|--------------------------------|
| left turn & brake lights  | yellow   | lt green w/orange stripe | dk green                       |
| right turn & brake lights | dk green | orange w/blue stripe     | brown                          |
| tail lights               | brown    | brown                    | black or black w/yellow stripe |
| back up lights            | lt green | black w/pink stripe      | violet                         |
| ground - see note 1       | black    | black or grey            | black                          |

In addition to the above some cars and trucks have a separate light for the brake light, most commonly identified by amber turn lenses in the rear. Chrysler and Jeep may have the separate light and use red lenses. If you have this type of wiring a converter is required.

|             |                 |                    |       |
|-------------|-----------------|--------------------|-------|
| brake light | lt blue or pink | red w/green stripe | white |
|-------------|-----------------|--------------------|-------|

Note 1: We recommend attaching the trailer harness ground directly to the frame or a solidly attached sheet metal part, using a screw or bolt. The single most common cause of trailer lighting problems is a poor ground on the tow vehicle or trailer.

Older  
Trucks