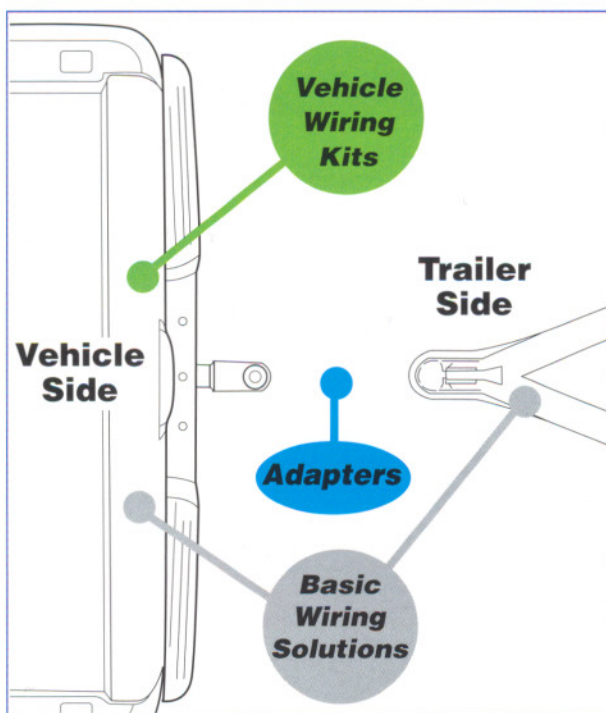


step 1

understand your wiring needs



step 2

identify your connectors

vehicle side		trailer side
	4 Wire Flat Small Boat Trailers, Utility Trailers Jet Ski / Snowmobile Trailers Small Campers	
	5 Wire Flat Boat Trailers	
	4 Pole Round Small Boat Trailers Utility Trailers Jet Ski / Snowmobile Trailers Small Campers	
	6 Pole Round Horse Trailers Car Haulers	
	7 RV Blade Large Trailers RVs Industrial Trailers	

NOTE:

Other specialty connectors are available in the marketplace...the above are the most common.

step 3

choose your product solution...

—for a new installation

- Plug-In Simple!® vehicle wiring kits**pg 17
 - Easy to install
 - Vehicle specific applications
 - No cutting or splicing
- Basic Wiring Solutions**pg 12
 - Traditional connectors
 - Cut and splice
 - Universal applications
- Taillight Converters**pg 14
For vehicles equipped with separate/independent bulb turn signals and brake lights
 - Cut and splice
 - Universal applications

—for replacement or existing installation

- Plug-In Simple!® adapters**pg 6
 - Adapts different vehicle and trailer connectors without having to rewire
 - No cutting or splicing
 - Multi-Tow® adapters allow you to tow multiple types of trailers with only one adapter
- Plug-In Simple!® vehicle wiring kits**pg 17
 - Easy to install
 - Vehicle specific applications
 - No cutting or splicing
- Basic Wiring Solutions**pg 12
 - Traditional connectors
 - Cut and splice
 - Universal applications

trailer wiring codes



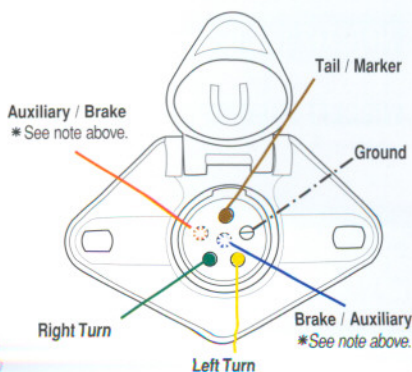
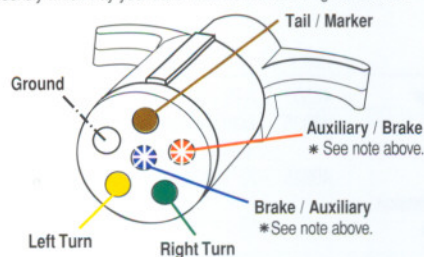
CONNECTOR	FUNCTION	COLOR	SUGGESTED MINIMUM WIRE GAUGE		WHERE TO ATTACH - Vehicle Side	WHERE TO ATTACH - Trailer Side
			4-Way & 5-Way	6-Way & 7-Way		
7 WAY	RIGHT TURN	GREEN	18	16	Right turn of vehicle's wiring harness	Trailer's right turn signal
6 WAY	LEFT TURN	YELLOW	18	16	Left turn of vehicle's wiring harness	Trailer's left turn signal
5 WAY	GROUND	WHITE	16	12	Vehicle ground point - metal, uncoated, rustproof	Trailer's ground point - metal, uncoated, rustproof
4 WAY	TAIL / MARKER	BROWN	18	16	Taillight of vehicle's wiring harness	Trailer's taillights
	BRAKE	BLUE		12	Electric brake control	Break away switch
	BATTERY	RED		12	Fuse block or FUSED battery lead	Break away kit
	BACK UP	PURPLE	18	16	Back up of vehicle's wiring harness	Back up lights (if available)

NOTE:

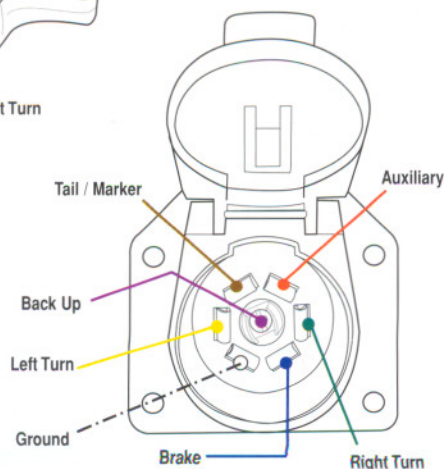
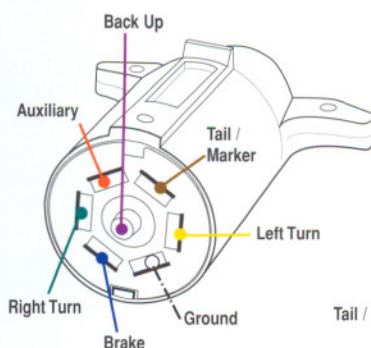
Identify the wires on your vehicle and trailer by function only. Color coding is not standard among all manufacturers.

6-WIRE ROUND WIRING DIAGRAM

* Brake and Auxiliary Power have two different industry standards. Identify which way your trailer is wired before wiring connectors.



7-WAY RV BLADE WIRING DIAGRAM



HOPKINS™ MODEL NO. 48245 TRAILER WIRING DIAGRAM

