

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 6 WAY 5 WAY 4 WAY	RIGHT TURN	GREEN	18	16	Right turn of vehicle's wiring harness	Trailer's right turn signal
	LEFT TURN	YELLOW	18	16	Left turn of vehicle's wiring harness	Trailer's left turn signal
	GROUND	WHITE	16	12	Vehicle ground point - metal, uncoated, rustproof	Trailer's ground point - metal, uncoated, rustproof
	TAIL / MARKER	BROWN	18	16	Taillight of vehicle's wiring harness	Trailer's taillights
	BRAKE	BLUE		12	Electric brake control	Trailer brakes
	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)

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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

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HOPKINS™ MODEL NO. 48245 TRAILER WIRING DIAGRAM

