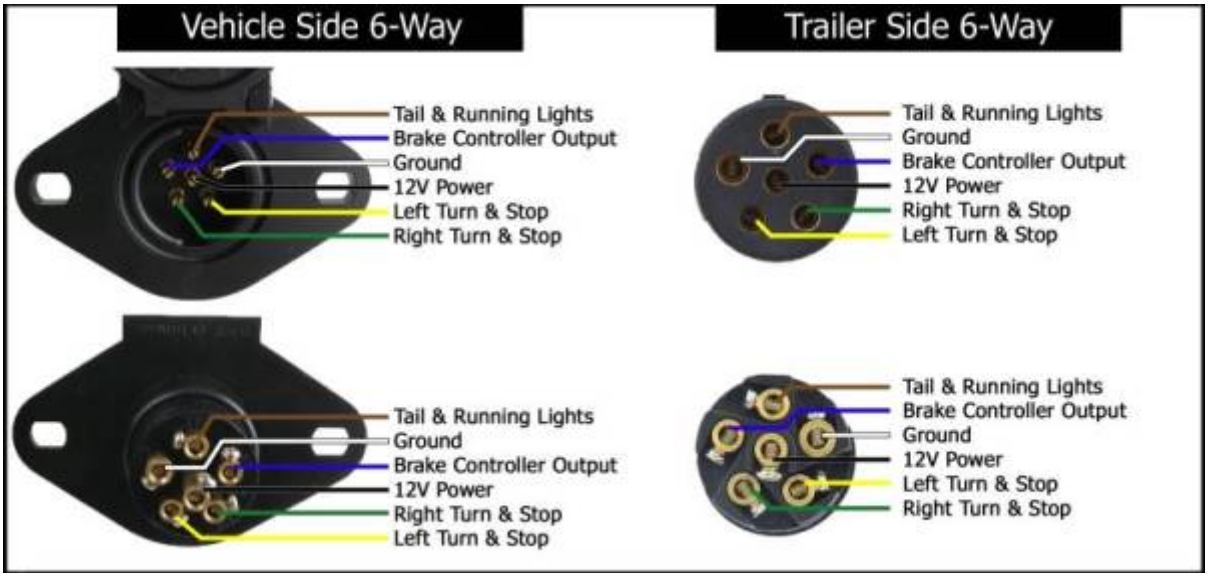
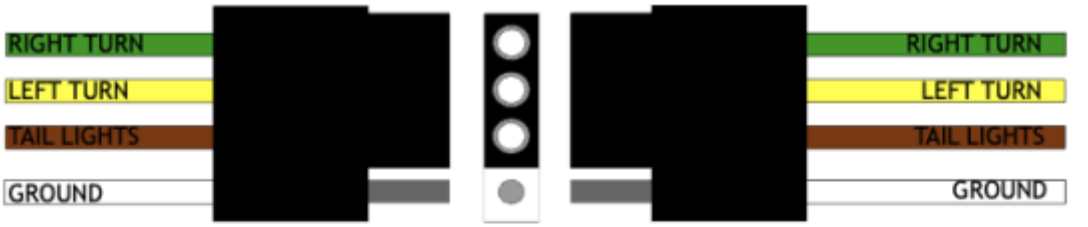
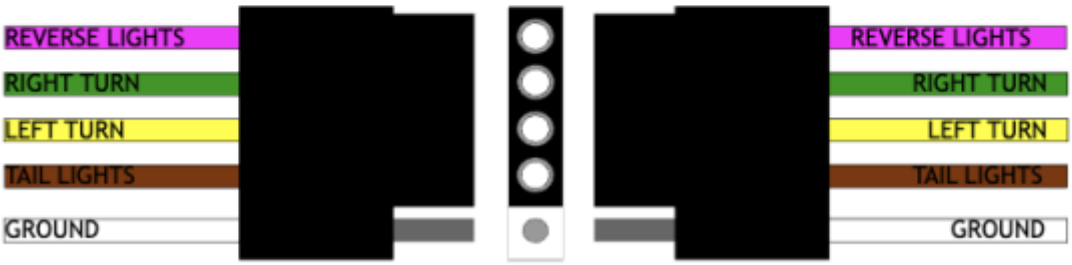

Typical Wiring for 4-Pole Round Connectors
4-Pole Round Trailer End Connector
Left Turn/ Stop
Right Turn/ Stop
Ground
Tail Lights
4-Pole Round Vehicle End Socket
Right Turn/ Stop
Left Turn/ Stop
Tail Lights
Ground


4-Way Round
Brown (Taillights/Side Markers)
Green (Right Turn/Stop)
White (Ground)
Yellow (Left Turn/Stop)
Vehicle End
Trailer End





BRAKE LIGHTS ARE COMBINED WITH TURN INDICATORS



BRAKE LIGHTS ARE COMBINED WITH TURN INDICATORS

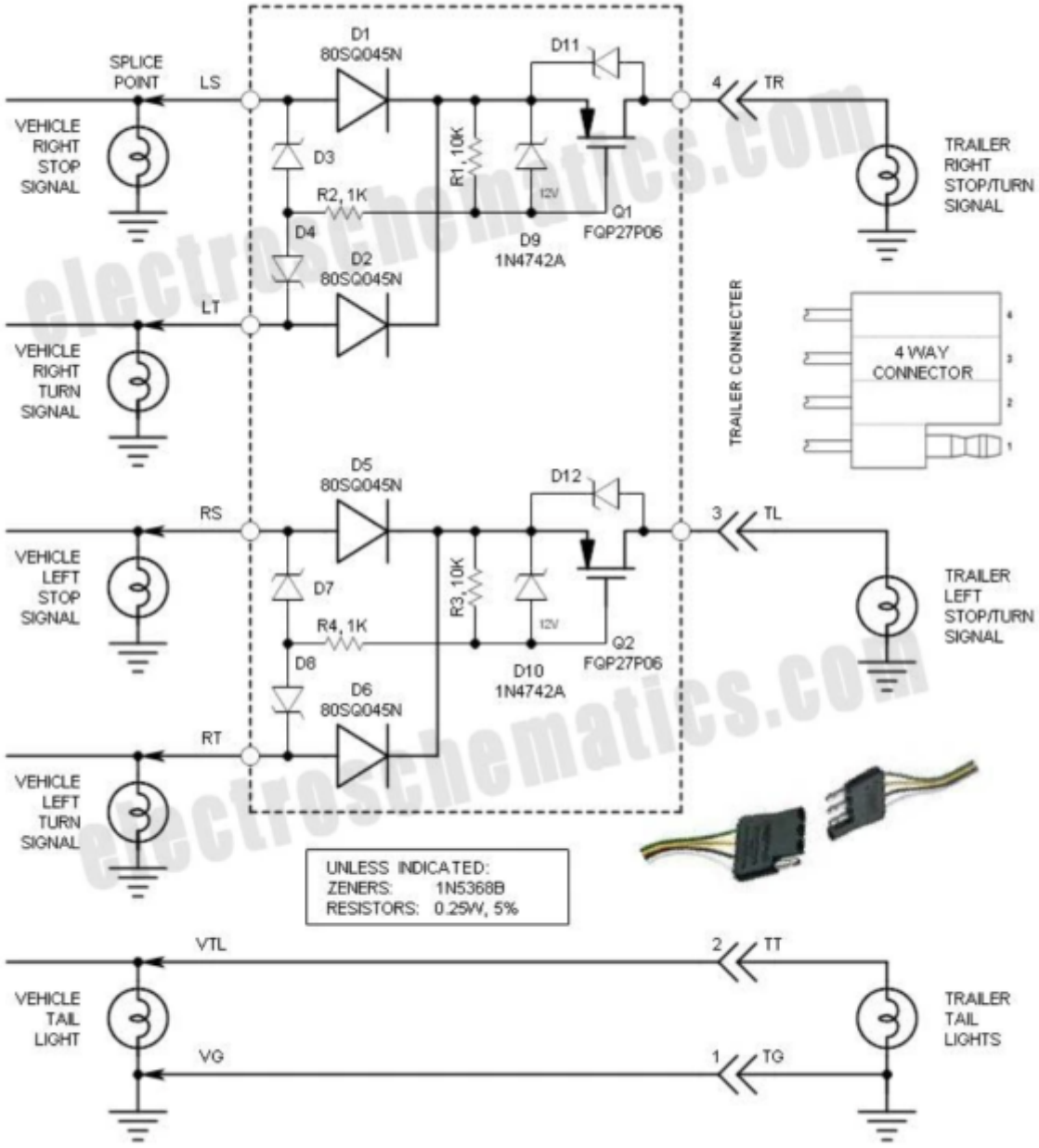
WIRE COLOR BY VEHICLE MANUFACTURER

	DUAL PURPOSE BULB SYSTEM				SINGLE PURPOSE BULB SYSTEM		
	RIGHT TURN & BRAKE LIGHTS	LEFT TURN & BRAKE LIGHTS	TAILLIGHTS	GROUND	BRAKE LIGHTS	BACKUP LIGHTS	ELECTRIC TRAILER BRAKES
GMC	Green	Yellow	Brown	Black	Pink or Lt Blue	Lt Green	Connect to Blue Wire from Brake Controller
FORD	Orange w/ Blue Stripe	Green w/ Orange Stripe	Brown	Black or Grey	Red w/ Green Stripe	Black w/ Pink Stripe	
CHRYSLER	Brown	Green	Black, or Black w/ Yellow Stripe	Black	White	Violet	
JEEP	Brown	Grey w/ Black Stripe	Blue	Black	Blue w/ Black Stripe	Brown	
TOYOTA	Green w/ Yellow Stripe	Green w/ Black Stripe	Red w/ Green Stripe	Black or White	Green w/ Red or White Stripe	–	
HONDA	Green w/ Yellow Stripe	Green w/ Blue Stripe	Red w/ Black Stripe	Black	Green w/ White Stripe	–	
MAZDA	Green w/ Yellow Stripe	Black Stripe	Green or Black Stripe	Black	Green, or Green w/ Red Stripe	–	

TRAILER WIRING COLOR CODE

		FUNCTION	COLOR	MIN. WIRE GAUGE 4 & 5 Way	MIN. WIRE GAUGE 6 & 7 Way	WHERE TO ATTACH (VEHICLE SIDE)	WHERE TO ATTACH (TRAILER SIDE)
4-WAY, 5-WAY, 6-WAY, 7-WAY		Right Turn	Green	18	16	Vehicle wiring harness (right turn)	Trailer's right turn signal
4-WAY, 5-WAY, 6-WAY, 7-WAY		Left Turn	Yellow	18	16	Vehicle wiring harness (left turn)	Trailer's left turn signal
4-WAY, 5-WAY, 6-WAY, 7-WAY		Ground	White	16	12	Vehicle ground point (metal, uncoated, rustproof)	Trailer's ground point (metal, uncoated, rustproof)
4-WAY, 5-WAY, 6-WAY, 7-WAY		Tail / Marker	Brown	18	16	Vehicle wiring harness (taillight)	Trailer's taillights
5-WAY, 6-WAY, 7-WAY		Brake*	Blue	18	12	Electric brake control, power for brakes	Breakaway switch
6-WAY, 7-WAY		Battery	Red or Black		12	Fuse block or FUSED battery lead	Breakaway kit, interior lights, & battery charger
7-WAY		Backup	Purple		16	Vehicle wiring harness (backup circuit)	Backup lights / hydraulic coupler

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TRAILER STOP & TURN SIGNAL CONVERTER SCHEMATIC

Stop Lamp	Signal Lamp	Trailer Lamp
Off	Off	Off
On	Off	On
Off	On	On
On	On	Off

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