

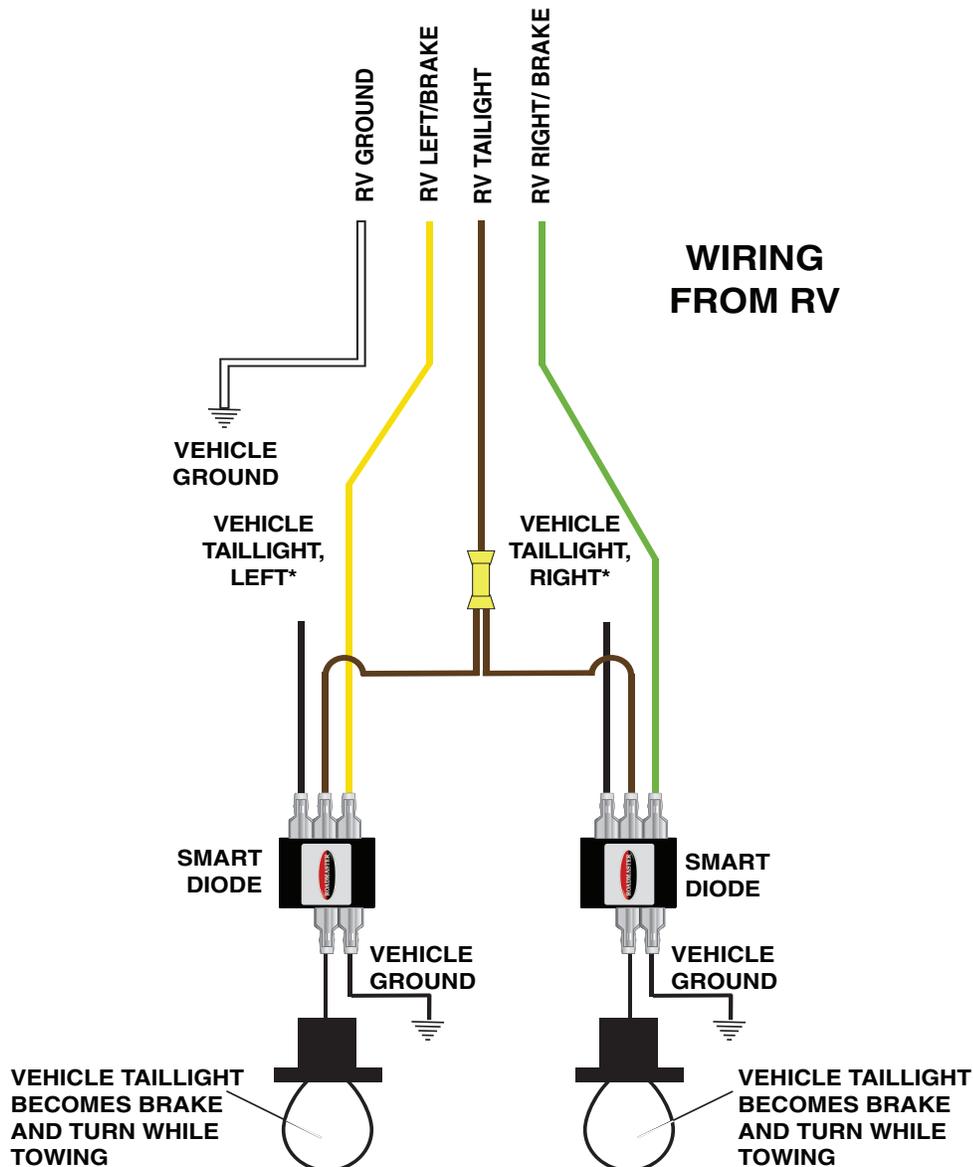
*Technical Service
Information Bulletin
May 11, 2022*

**Subject:
Wiring instructions for vehicles with
brake lights that override turn signals**

TSIB number 155

Problem: You've installed a supplemental braking system in your towed vehicle that makes the car's brake lights illuminate with each braking activity. The brake light cancels the flashing of the turn signal that comes from the RV. Normally, a Brake Light Relay (pn 88400) would solve this problem. But the electronics for the vehicles to which this TSIB applies are too complex and a Brake Light Relay cannot be installed or will not work. Refer to the Fitmaster for vehicles known to experience this issue.

Solution: To fix this issue, use a Smart Diode wiring kit. Use kit 153782 for dinghys with incandescent bulbs, or 153789 for dinghys with LED lights. But wire the diodes using the following schematic. This will allow the taillights to function for the brake, turn and taillights while towing. The lights will still function normally during everyday driving.



*WIRE COLORS VARY. ALWAYS USE A TEST LIGHT TO ASCERTAIN TAILLIGHT WIRE.