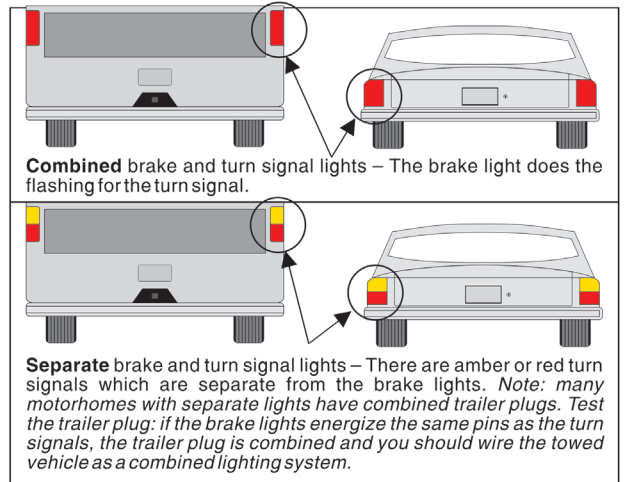


Wiring a 'combined' towed vehicle to a 'combined' motorhome

General information

- Use the wiring diagram below to wire the towed vehicle.
- Before wiring, check to ensure that both vehicles have 'combined' lighting systems – in a 'combined' system, the brake light does the flashing for the turn signal; in a 'separate' system, there are amber or red turn signals which are separate from the brake lights. Refer to the illustrations to the right.
- The diagram below applies to the majority of vehicles. However, applications vary. Before wiring, refer to the owner's manual, or ask the dealership or manufacturer, for vehicle-specific information. (Wiring information for many vehicles is also available at this website, under "Vehicle Specific Information.")



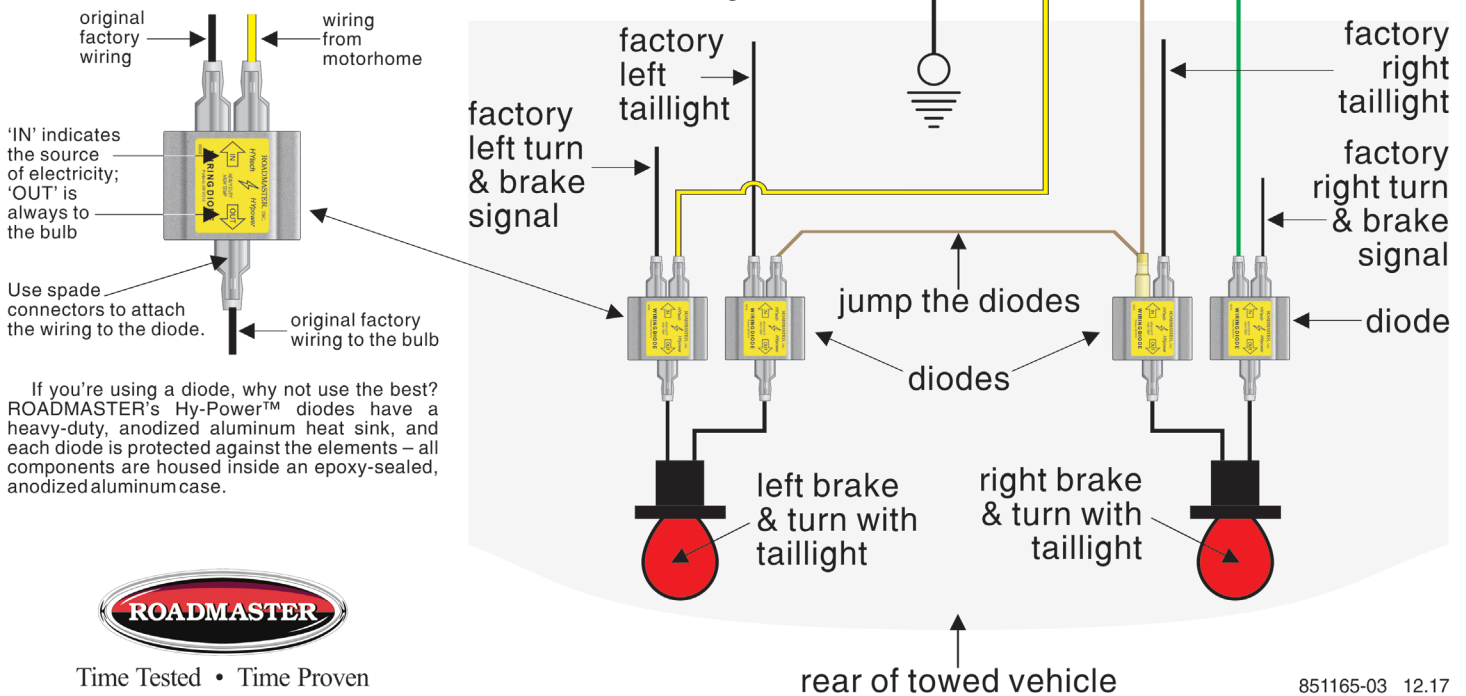
Warnings and Cautions

- **Attach the diodes as close to the towed vehicle's lights as possible, to avoid interaction with other circuits which may be tied into the center brake light, the running lights, the turn signals or the brake light wires. Attaching the diodes farther away may cause the towed vehicle's lights to work improperly, and may also cause damage to other electrical components in the vehicle.**
- **Wire the towed vehicle according to the instructions above, and the diagram below. Improperly wiring the towed vehicle may cause electrical malfunction or other damage, which may result in property damage, personal injury or even death.**

Wiring from motorhome –

specifications subject to change without notice

green = combined brake and right turn
 brown = taillights
 yellow = combined brake and left turn
 white = ground



Time Tested • Time Proven

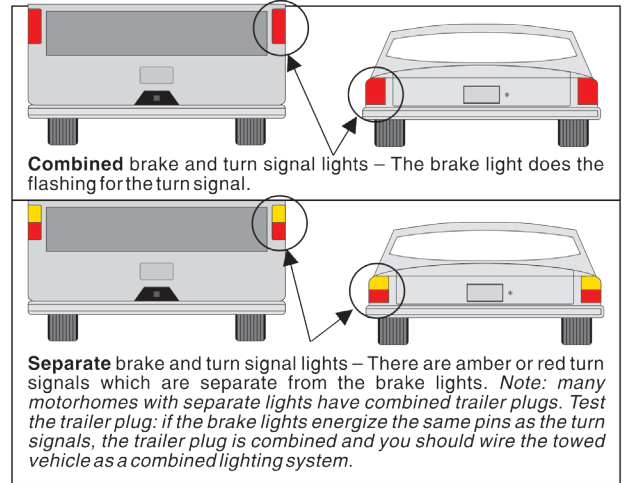
rear of towed vehicle

851165-03 12.17

Wiring a 'combined' towed vehicle to a 'separate' motorhome

General information

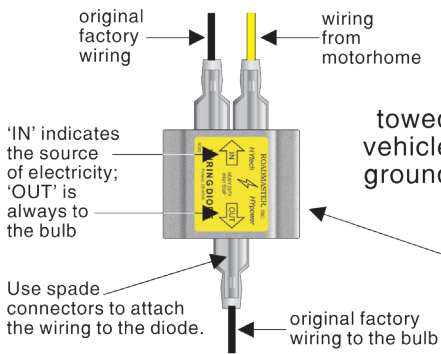
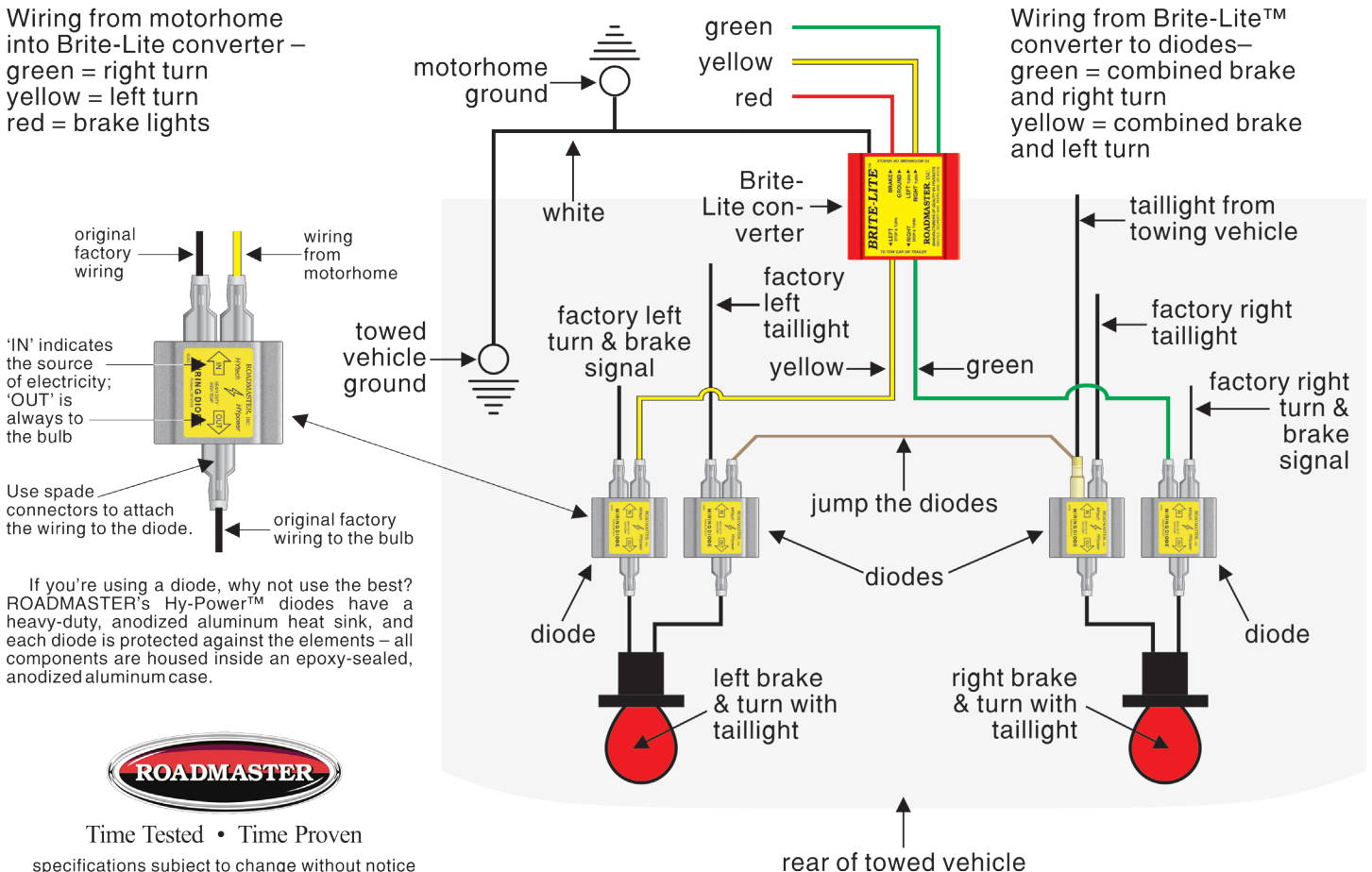
- Use the wiring diagram below to wire the towed vehicle.
- Before wiring, check to ensure that the towed vehicle has a 'combined' lighting system, and that the motorhome has a 'separate' lighting system – in a 'combined' system, the brake light does the flashing for the turn signal; in a 'separate' system, there are amber or red turn signals which are separate from the brake lights. Refer to the illustrations to the right.
- The diagram below applies to the majority of vehicles. However, applications vary. Before wiring, refer to the owner's manual, or ask the dealership or manufacturer, for vehicle-specific information. (Wiring information for many vehicles is also available at this website, under "Vehicle Specific Information.")



⚠ Warnings and Cautions

- **Attach the diodes as close to the towed vehicle's lights as possible, to avoid interaction with other circuits which may be tied into the center brake light, the running lights, the turn signals or the brake light wires. Attaching the diodes farther away may cause the towed vehicle's lights to work improperly, and may also cause damage to other electrical components in the vehicle.**
- **Wire the towed vehicle according to the instructions above, and the diagram below. Improperly wiring the towed vehicle may cause electrical malfunction or other damage, which may result in property damage, personal injury or even death.**

Wiring from motorhome into Brite-Lite converter –
green = right turn
yellow = left turn
red = brake lights



If you're using a diode, why not use the best? ROADMASTER's Hy-Power™ diodes have a heavy-duty, anodized aluminum heat sink, and each diode is protected against the elements – all components are housed inside an epoxy-sealed, anodized aluminum case.

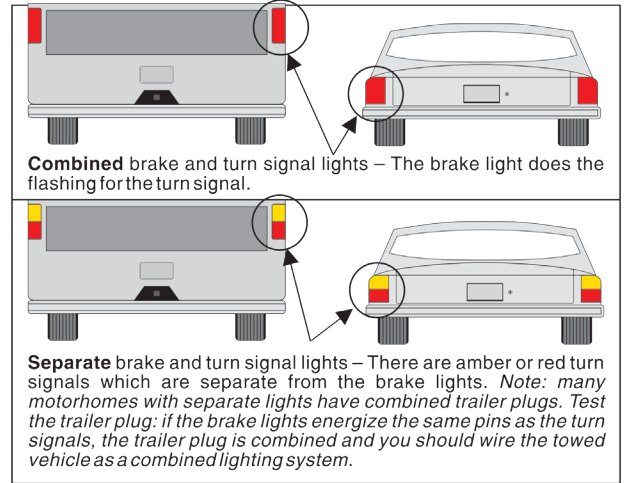


Time Tested • Time Proven
specifications subject to change without notice

Wiring a 'separate' towed vehicle to a 'combined' motorhome

General information

- Use the wiring diagram below to wire the towed vehicle.
- Before wiring, check to ensure that the towed vehicle has a 'separate' lighting system, and that the motorhome has a 'combined' lighting system – in a 'separate' system, there are amber or red turn signals which are separate from the brake lights; in a 'combined' system, the brake light does the flashing for the turn signal. Refer to the illustrations to the right.
- The diagram below applies to the majority of vehicles. However, applications vary. Before wiring, refer to the owner's manual, or ask the dealership or manufacturer, for vehicle-specific information. (Wiring information for many vehicles is also available at this website, under "Vehicle Specific Information.")



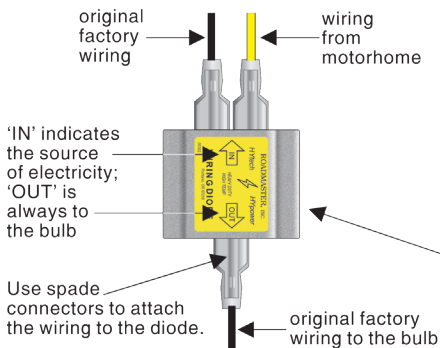
⚠ Warnings and Cautions

- **Attach the diodes as close to the towed vehicle's lights as possible, to avoid interaction with other circuits which may be tied into the center brake light, the running lights, the turn signals or the brake light wires. Attaching the diodes farther away may cause the towed vehicle's lights to work improperly, and may also cause damage to other electrical components in the vehicle.**
- **Wire the towed vehicle according to the instructions above, and the diagram below. Improperly wiring the towed vehicle may cause electrical malfunction or other damage, which may result in property damage, personal injury or even death.**

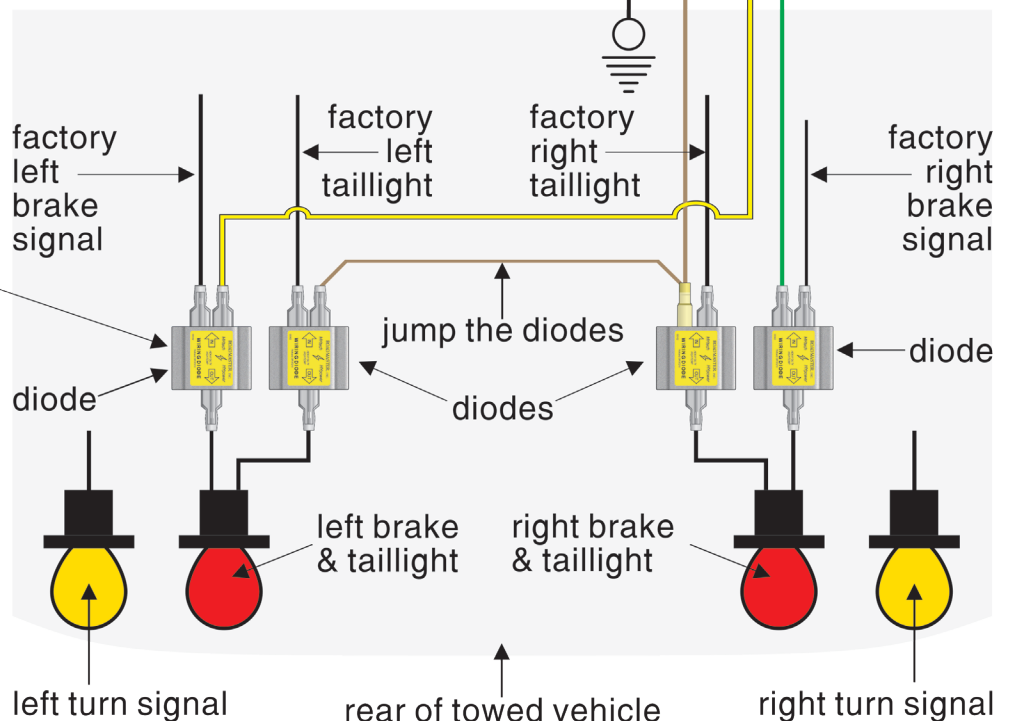
Wiring from motorhome –

- green = combined brake and right turn
- yellow = combined brake and left turn
- brown = taillights
- white = ground

specifications subject to change without notice



If you're using a diode, why not use the best? ROADMASTER's Hy-Power™ diodes have a heavy-duty, anodized aluminum heat sink, and each diode is protected against the elements – all components are housed inside an epoxy-sealed, anodized aluminum case.

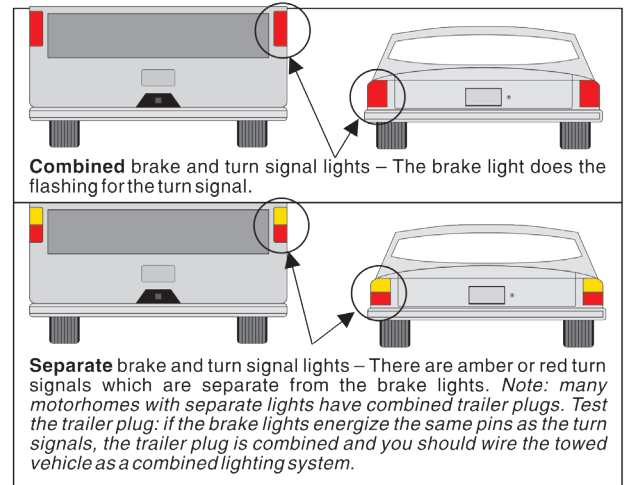


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Wiring a 'separate' towed vehicle to a 'separate' motorhome

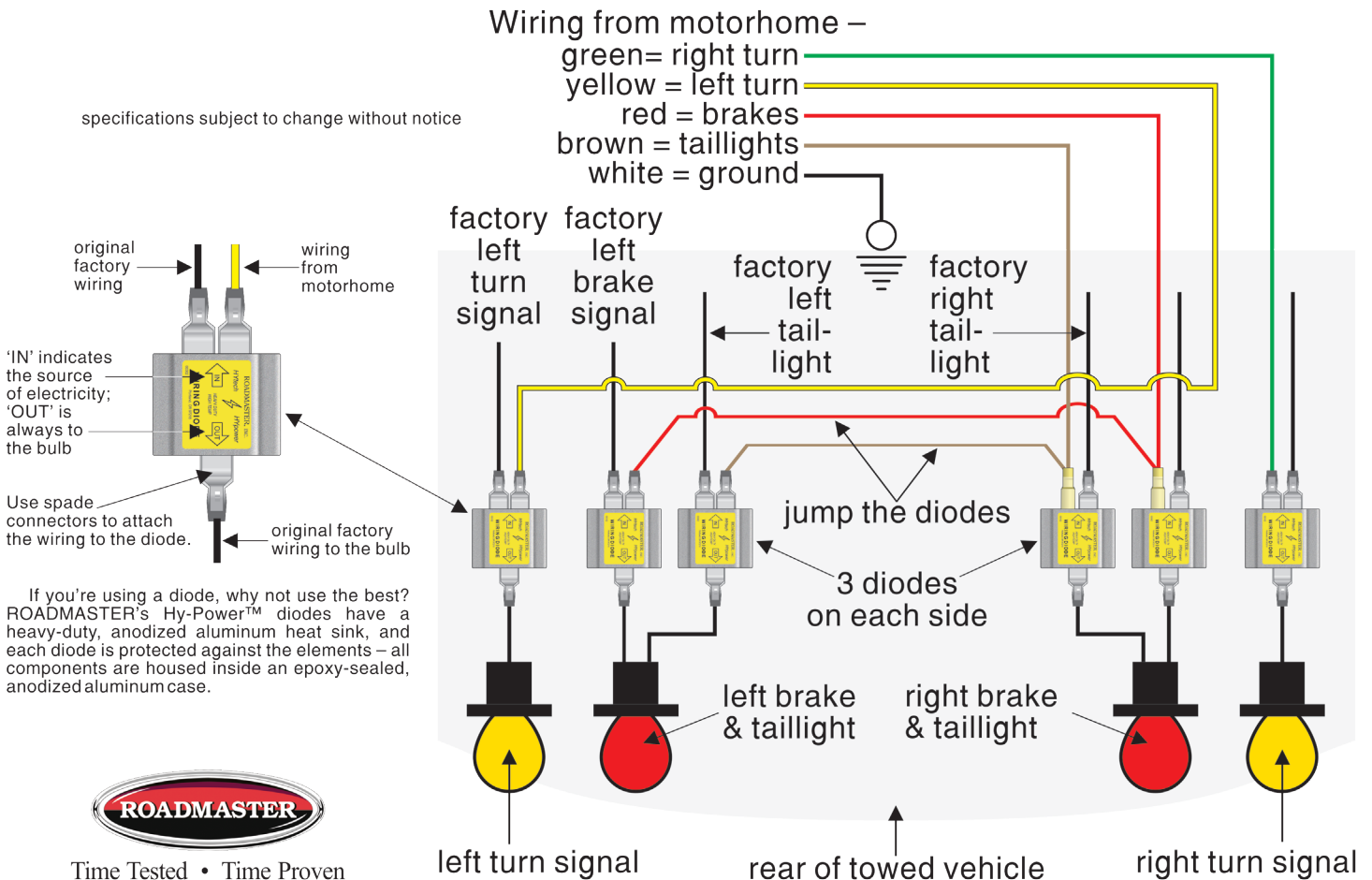
General information

- Use the wiring diagram below to wire the towed vehicle.
- Before wiring, check to ensure that both vehicles have 'separate' lighting systems – in a 'separate' system, there are amber or red turn signals which are separate from the brake lights; in a 'combined' system, the brake light does the flashing for the turn signal. Refer to the illustrations to the right.
- The diagram below applies to the majority of vehicles. However, applications vary. Before wiring, refer to the owner's manual, or ask the dealership or manufacturer, for vehicle-specific information. (Wiring information for many vehicles is also available at this website, under "Vehicle Specific Information.")



⚠ Warnings and Cautions

- **Attach the diodes as close to the towed vehicle's lights as possible, to avoid interaction with other circuits which may be tied into the center brake light, the running lights, the turn signals or the brake light wires. Attaching the diodes farther away may cause the towed vehicle's lights to work improperly, and may also cause damage to other electrical components in the vehicle.**
- **Wire the towed vehicle according to the instructions above, and the diagram below. Improperly wiring the towed vehicle may cause electrical malfunction or other damage, which may result in property damage, personal injury or even death.**



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