




## Tail Light Dash Error

<b>Bulletin Type:</b>	Technical Service Bulletin TSB	<b>Publication Date:</b>	May 2019
<b>Bulletin #:</b>	19-026	<b>Make:</b>	Jayco Motorized
<b>Job Code(s):</b>	9803434	<b>Model:</b>	Melbourne Melbourne Prestige
<b>Flat Rate(s):</b>	.5 Hour	<b>Model Year:</b>	2019-2020

### PARTS KIT REQUIRED

<b>Incident:</b>	Turn signal error displays on instrument panel when no error is present.	
<b>Affected Units:</b>	<b>2019 Melbourne</b> K1YK0147, YL0209-0217, YL0236 <b>2019 Melbourne Prestige</b> K1ZA0086, ZK0107, ZL0162-0163 <b>2020 Melbourne Prestige</b> L1ZA0001-0004, ZL0001-0002, 0004-0007, 0009-0011, 0013-0014	
<b>Parts Kit:</b>	<b>Parts Kit #: 19-026JM</b>	
	<b>Parts Kit Contents:</b> 1 – Resistor assembly 1 – Nut ½-20 1 – Lock washer ½” 1 – Flat washer ½” 4 - Connector Bell cap 2 – Wire ties 15” blk	
<b>Misc. Tools &amp; Supplies:</b>	Ratchet with a ¾” socket Crimpers Wire cutters/strippers	
<b>Parts Return Information:</b>	Not Applicable	

## REPAIR INSTRUCTIONS



FIG 1:

- A tail light error may be displayed on the dash (may indicate right or left tail light) when an error is not present.

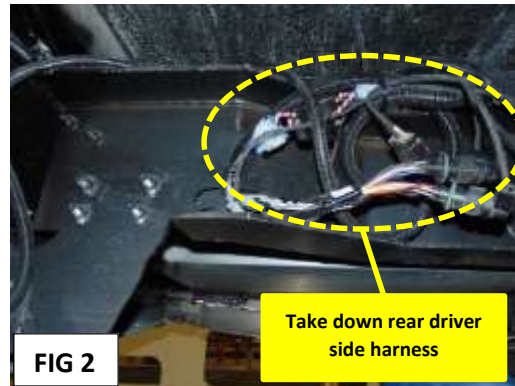


FIG 2:

FIG 2:

- Under the rear of the vehicle, cut wire ties holding the tail light harness on the driver side attached to the frame rail.
- Two wire ties hold it in place.

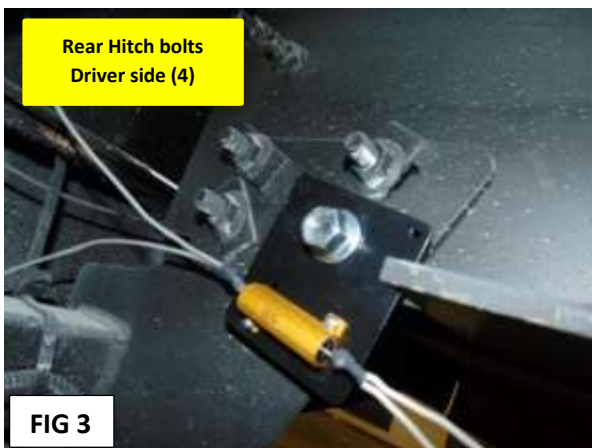


FIG 3:

FIG 3:

- Attach the resistor plate supplied in the kit to the driver side bottom right bolt for the rear hitch.
- Use the nut, lock washer and flat washer supplied in the kit (attach to the existing bolt).
- **DO NOT remove the existing nut from the hitch bolt.**
- Use the  $\frac{3}{4}$ " socket and ratchet and tighten the nut on the existing bolt.

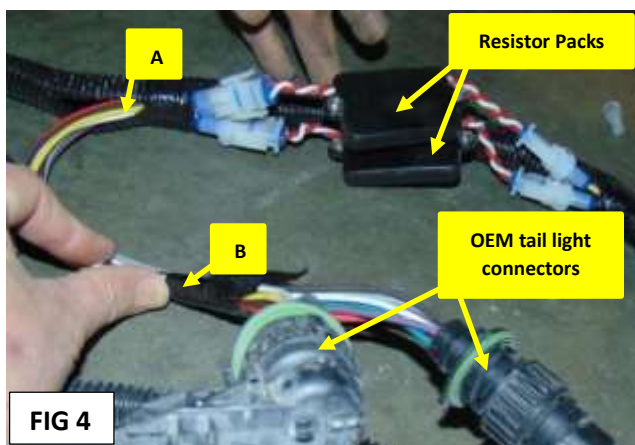
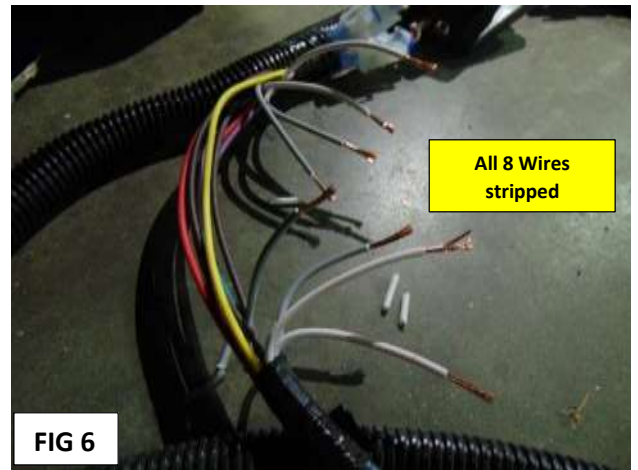
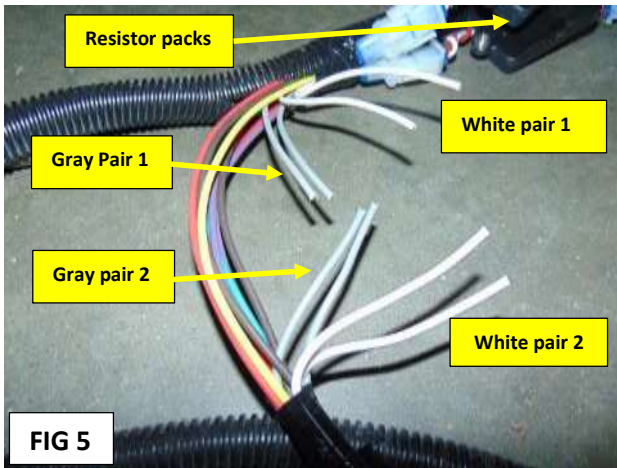


FIG 4:

FIG 4:

- Spread the harness out as shown.
- Wire connections will be made at the part of the harness between points designated A & B in the photo.
- Pull this part of the harness out of the plastic loom so the wires are accessible.

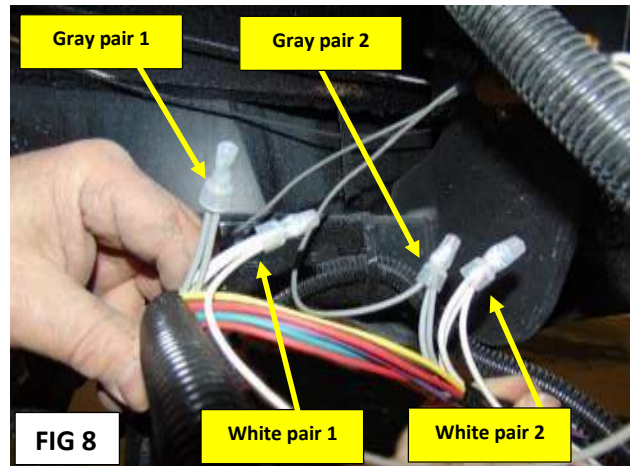
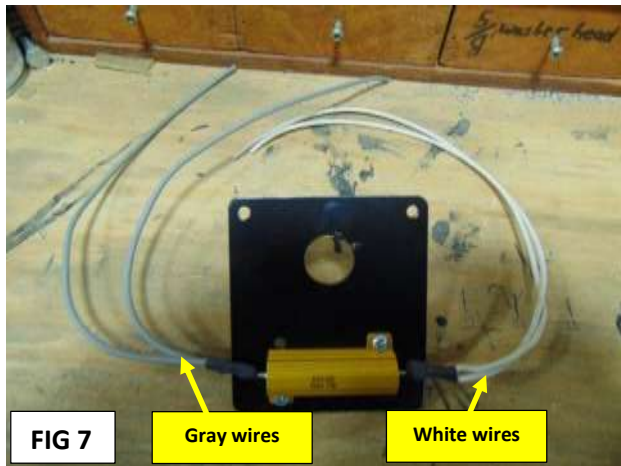


**FIG 5:**

- In the bundle of wires going between the resistor packs and the OEM tail light connectors, locate 2 gray wires and 2 white wires.
- Cut the 2 gray wires half way between points A & B (shown in Fig 4).
- Cut the 2 white wires half way between points A & B (shown in Fig 4).
- There will now be 2 pairs of gray wires (Gray pair 1 & 2) and 2 pairs of white wires (White pair 1 & 2).

**FIG 6:**

- Strip all 8 ends of the wires (4 gray, 4 white).
- Wires should be stripped back approximately 3/8"



**FIG 7:**

- The resistor plate from the kit has a pair of gray wires on one end, and a pair of white wires on the other end.
- Strip the 2 gray and 2 white wires from the resistor approximately 3/8".
- These wires will be connected to the pairs of wires that were cut in Fig 5.

**FIG 8:**

- Twist one gray wire from the resistor with both wires of Gray pair 1. Crimp all 3 wires together with a Bell cap connector from the kit.
- Twist the other gray wire from the resistor with both wires of Gray pair 2. Crimp all 3 wires together with a Bell cap connector from kit.
- Twist one white wire from the resistor with both wires of White 1 pair. Crimp all 3 wires together with a Bell cap connector from kit.
- Twist the other white wire from the resistor with both wires of White pair 2. Crimp all 3 wires together with a Bell cap connector from kit.

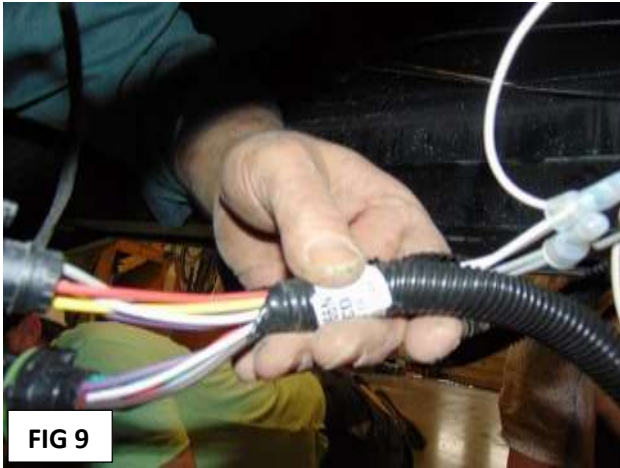


FIG 9:

- Put the wires back into the loom. The Bell cap connectors will of course not fit in the loom.

FIG 10:

- Put the harness back up on the driver side frame rail as before, and secure with 2 wire ties.
- Photo shows resistor plate attached to hitch bolt and bell cap connectors.

#### TEST THE EXTERIOR LIGHTS:

- Turn the ignition ON.
- Turn the headlight switch ON.
- All exterior lights (marker lights and tail lights) should illuminate.
- Turn signals should function normally without displaying any errors on the dash.
- Tap the brakes a few times and turn on the four way flashers for a few seconds – no warnings should appear on the dash.

Turn the ignition and lights OFF.

**NOTE: RESISTOR WILL GET HOT WHILE TAIL LIGHTS ARE ON. NORMAL OPERATING RANGE IS BETWEEN 160°-180°F (71°- 82°C).**

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