





Front Docking Light Switch

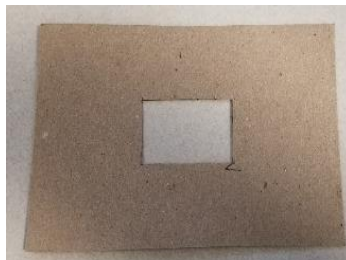
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| Bulletin Type: | SRP |
| Bulletin #(s): | 19-011 |
| Job Code(s): | ** |
| Flat Rate(s): | ** |
| <i>** If affected unit has warranty remaining, submit your claim following the normal process.</i> | |

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| Publication Date: | May 2019 |
| Make(s): | Jayco |
| Model(s): | White Hawk |
| Model Year(s): | 2017 |

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|------------------------|--|
| Incident: | Front docking light switch on trailer sticks and rubber boot may be melted. Replace switch. |
| Affected Units: | Various Jayco White Hawks |
| Parts: | <ul style="list-style-type: none"> • 1 – Exterior Light Switch with square mounting hole (#0700300) • 4 – Screw - pan quad #8 x 1" <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Switch (#0700300)</p> </div> <div style="text-align: center;">  <p>Screw #8 x 1 inch</p> </div> </div> |

Misc. Tools & Supplies:

- Screw gun w/#2 square drive bit
- Air saw with metal cutting blade
- Putty stick tool & putty knife
- Hammer and a tapered punch
- Tape measure & tape
- Utility Knife
- Gloves – **Nitrile** (not Latex)
- S-solvent blend (S-1693)
- Isopropyl alcohol & clean rags
- 4 x 6" cardboard template with rectangular hole in center measuring 1-7/8" Long X 1-1/8" Wide
- Tube Sealant - Geocel 2300 black (or equivalent)



4 x 6" cardboard template with rectangular hole in center measuring 1-7/8" Long X 1-1/8" Wide



Geocel 2300 black (0402835)

INSTRUCTIONS

Disconnect power from the trailer before repairing.

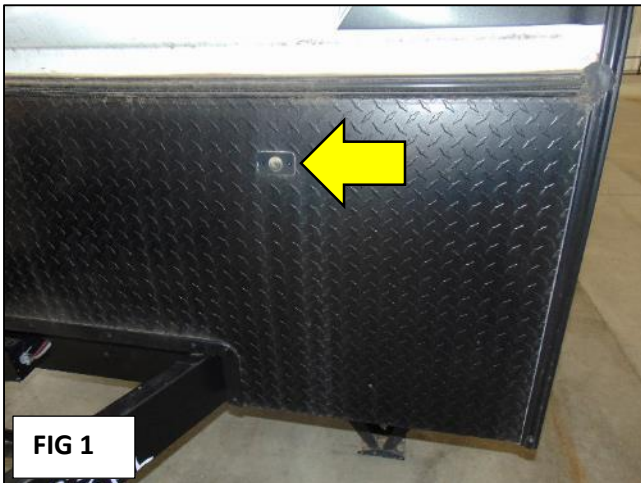


FIG 1:

- Switch is located on the front diamond plate (arrow).



FIG 2:

- Close up of the switch that must be replaced.



FIG 3:

- Remove the two screws from the switch

FIG 4:

- Use the putty knife to *GENTLY* pry the switch bezel from the diamond plate.
- Putty tape is holding the bezel to the diamond plate.

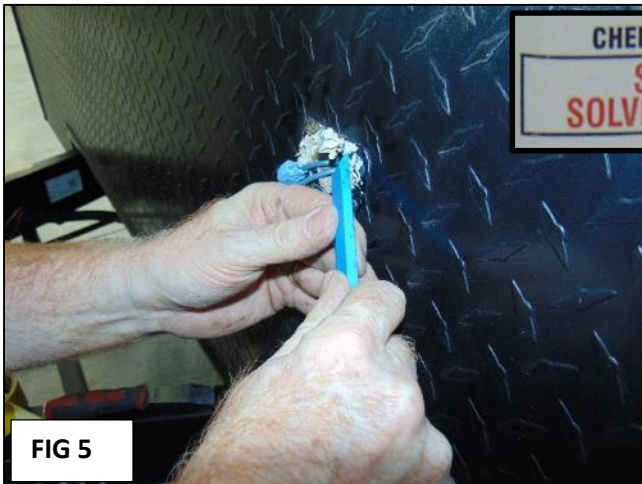


FIG 5:

- Use the putty stick tool to *GENTLY* scrape away any excess putty tape.
- Make sure you push the tool in the direction of the hole, to prevent putting a dent or scratch in the diamond plate which may be visible after the new switch is installed.

FIG 6:

- **Wear safety glasses and Nitrile gloves** (not Latex) as the S-1693 solvent will destroy the Latex gloves.
- **This solvent is very harmful to the skin.**



FIG 7

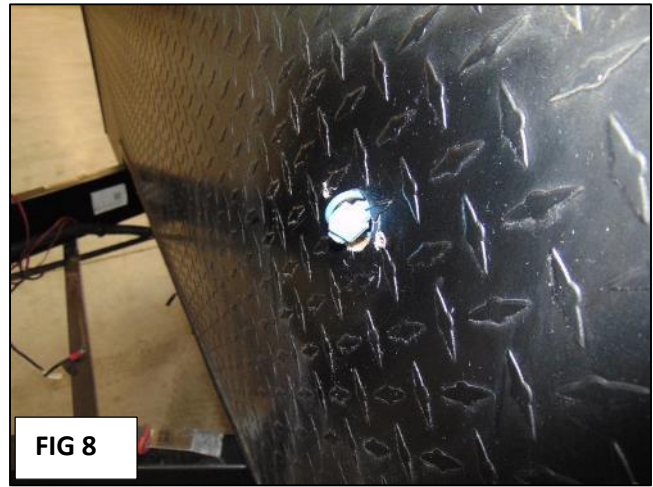


FIG 8

FIG 7:

- Use a clean rag with the S-1693 solvent to clean all around the switch location.
- Then clean the area again with isopropyl alcohol and a clean rag to remove traces of the solvent.

FIG 8:

- Unplug the wires from the old switch and tuck the wires into the hole.

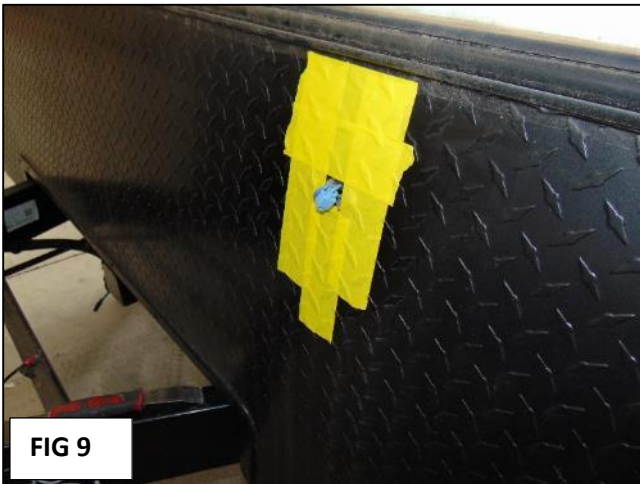


FIG 9

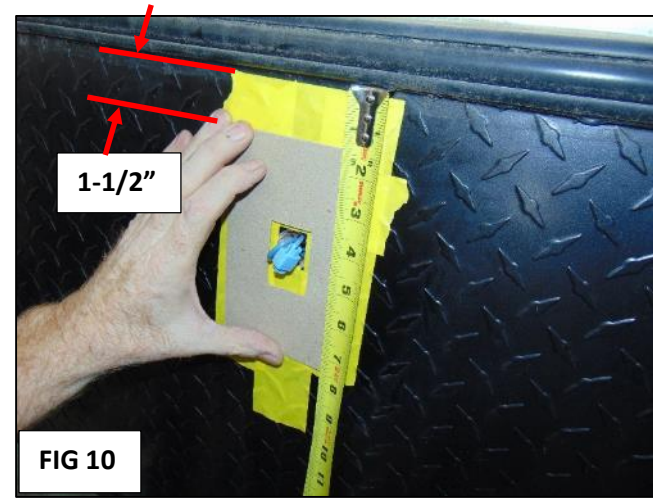


FIG 10

FIG 9:

- Apply tape around the hole as shown. Apply enough tape that the template will fit on it.

FIG 10:

- Measure down 1-1/2" from the top of the diamond plate to the top of the cardboard template.

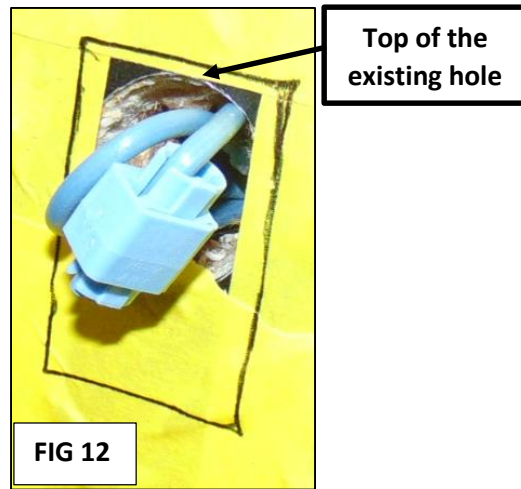
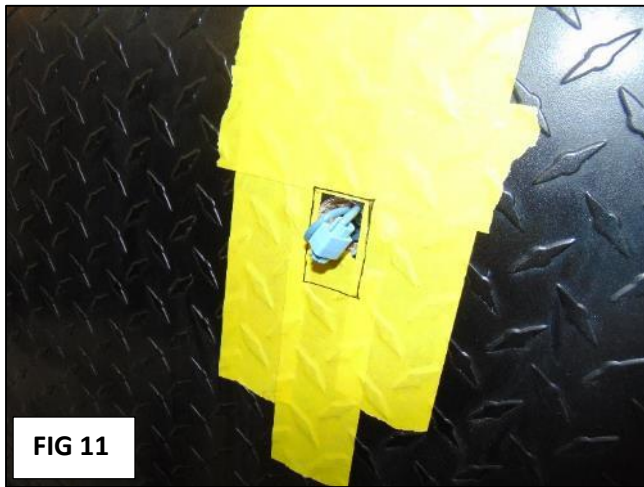


FIG 11:

- Trace the rectangular hole in the center of the template onto the tape as shown.

FIG 12:

- The rectangular hole is closer to the top of the existing hole than the bottom.

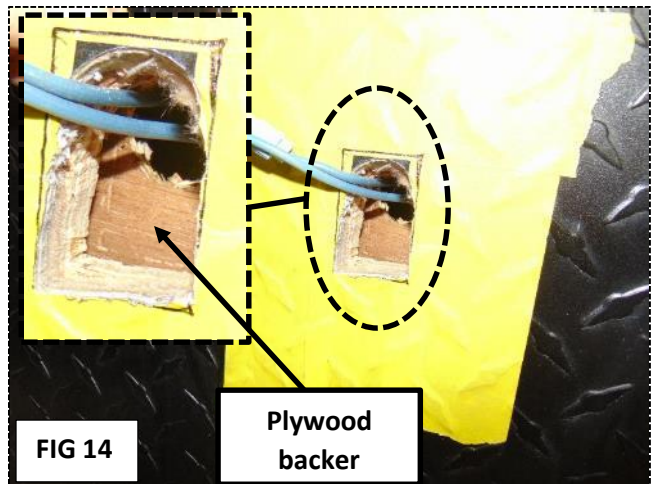


FIG 13:

- Use the air saw with a metal cutting blade and **CAREFULLY** enlarge the hole to the size of the rectangular hole drawn on the tape.
- DO NOT PULL THE SAW TOO FAR OUT OF THE HOLE** while cutting or the blade could easily jump and cut or gouge the diamond plate under the tape or next to the taped area.
- Make sure you move the wires out of the way as you enlarge the hole. **DO NOT CUT THE WIRES!**

FIG 14:

- There is a plywood backer that will need to be cut out also deeper in the hole.



FIG 15:

- This is the switch hole completely cut out.
- Test fit the new switch to make sure it fits correctly in the hole. Trim further if necessary.

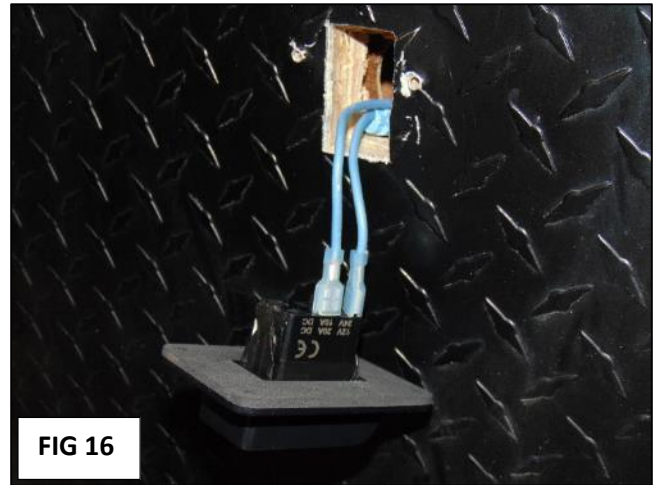


FIG 16:

- Remove all the tape, pull the wires out of the hole and plug the wires onto the new switch.
- It makes no difference which wire goes to which terminal.



FIG 17:

- Use a hammer and the tapered punch and tap the screw holes from the previous switch to push them in.
- Holes should be pushed in so that the new switch will fit flush to the diamond plate.



FIG 18:

- Apply Geocel sealant in both the old screw holes.

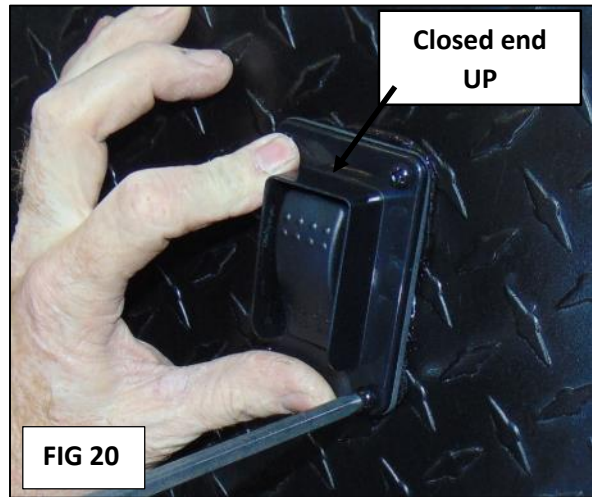


FIG 19:

- Apply Geocel sealant around the back of the switch gasket and over each screw hole (4).

FIG 20:

- Install the switch with the closed end at the top (to guard against water intrusion).
- Make sure the switch is lined up square and install the 4 screws.
- Use the putty stick tool to clean up excess around the switch.
- Clean with the isopropyl alcohol and clean rag.

TEST THE SWITCH:

- Turn power back on to the trailer.
- Flip the switch and the front cap docking lights (2) should light.
- Flip the switch again and they should go out.

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