

Replacing the Water Pump ON Indicator Lamp

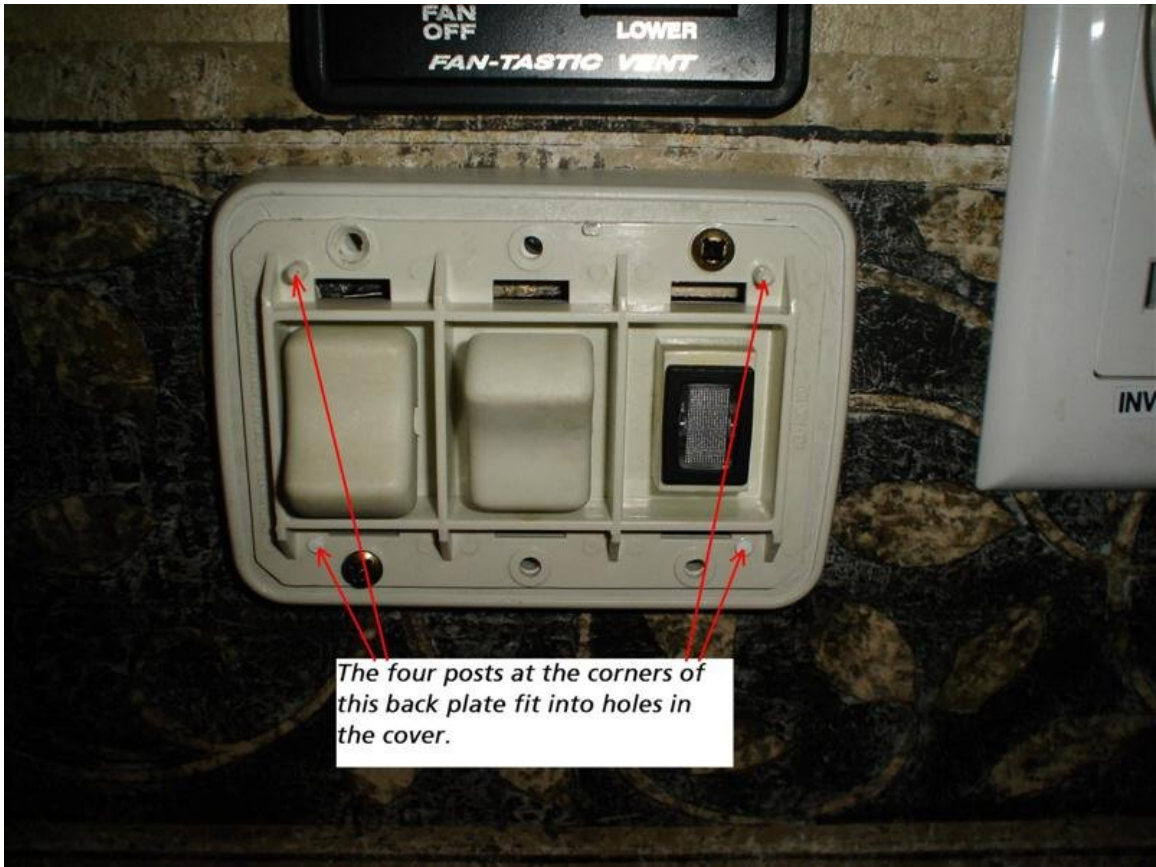
Over the past years there have been many posts on replacing the water pump indicator ON lamp. Tiffin has two different fixtures, one fixture has an LED as the indicator and the second is just a micro lamp as the indicator. Tiffin identifies both parts with the same part number. The LED indicator is polarity sensitive the yellow wire is connected to the 12 volt positive terminal while the green wire is connected to the 12 volt negative terminal. When using a indicator with the micro lamp, polarity does not matter. Below is a picture of my water closet light and water pump switch and indicator.



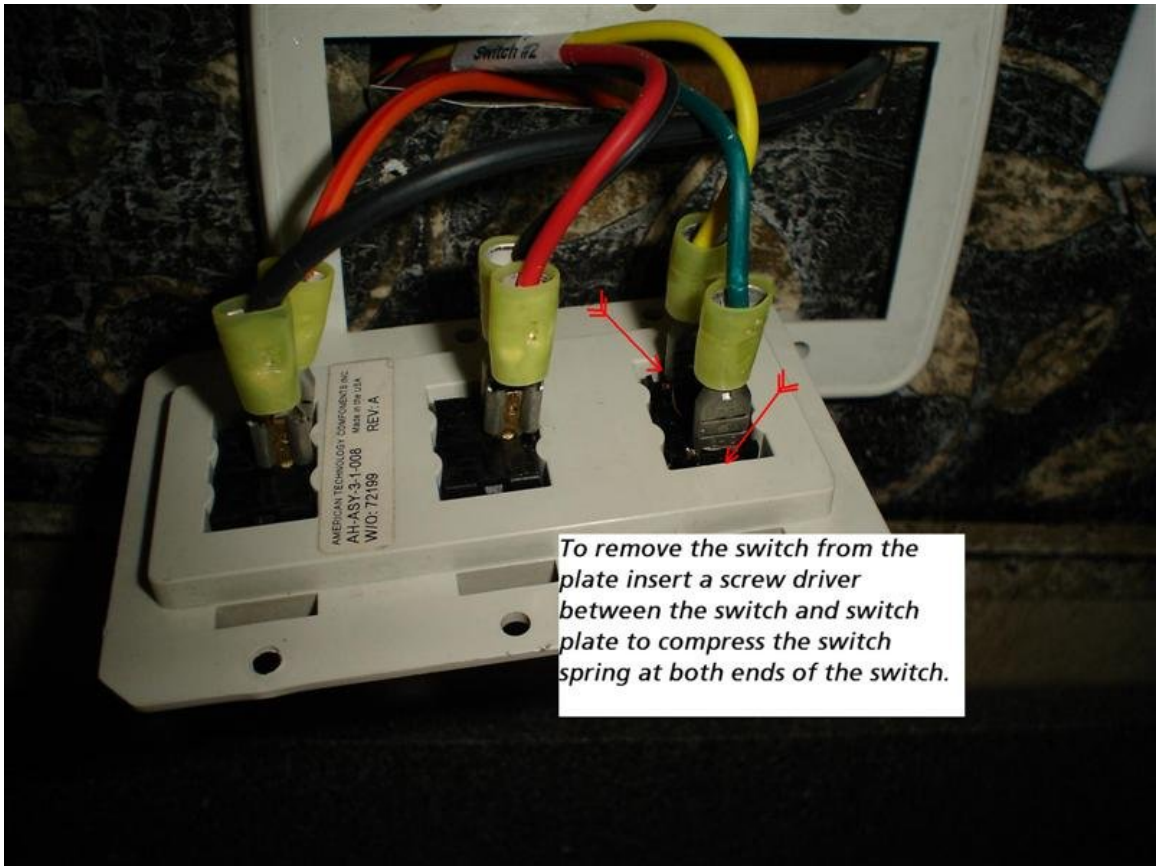
After slipping a screw driver one corner at a time into each of the four corners the cover should slip off. Make sure to be gentle or you will damage the plastic prongs which mate with the four holes on the switch plate.

As you can see in the next picture the four posts mate with the four holes on the cover.

Remove the two screws using a square number 2 screw driver bit.



The four posts at the corners of this back plate fit into holes in the cover.



To remove the switch from the plate insert a screw driver between the switch and switch plate to compress the switch spring at both ends of the switch.

After making sure which wire is attached to which lamp post remove the slip on connectors from the switch. Using a small flat bladed screw driver slip the blade between the end of the switch and the switch plate to release the plastic spring on BOTH ends of the switch. After the spring has been depressed, push the switch out of the switch plate.



This happens to be an LED on this water pump ON indicator. Some indicators have the silver sticker with the 12 + and 12 - labeled, while others will have the larger square post painted RED. The positive post will be painted RED, that will denote the 12 + post.

I have also in my water pump system indicators with the micro lamp which is not polarity sensitive. In that case it does not matter which wire (yellow or green) is attached to which post on the indicator.

I have been purchasing micro lamps from Radio Shack for replacement of the burned out lamp on the defective indicators.

The Radio Shack part number is 272-1092 there are two micro lamps per package and the cost is about \$ 2.00.

If interested in replacing the micro lamp or LED in a burned out indicator I have added a couple of pictures on how I replace the LED or lamp with a micro lamp.

