

# INSTALLATION INSTRUCTIONS

## Polaris Ranger Intermittent Wiper Module – Part Number 13041

Thank you for your purchase of this Intermittent Wiper Module. Adding this module to the Polaris Wiper kit (PN 2879754) gives you three additional wiper settings: one swipe every eight seconds, once every five seconds, and once every three seconds, in addition to slow and fast continuous operation. This module is designed to work with the Polaris wiper kit for Ranger and Brutus models, part number 2879754.

### Parts Included in this Kit

1-Controller Unit with Harness

1-White wire jumper

10-4" Zip ties

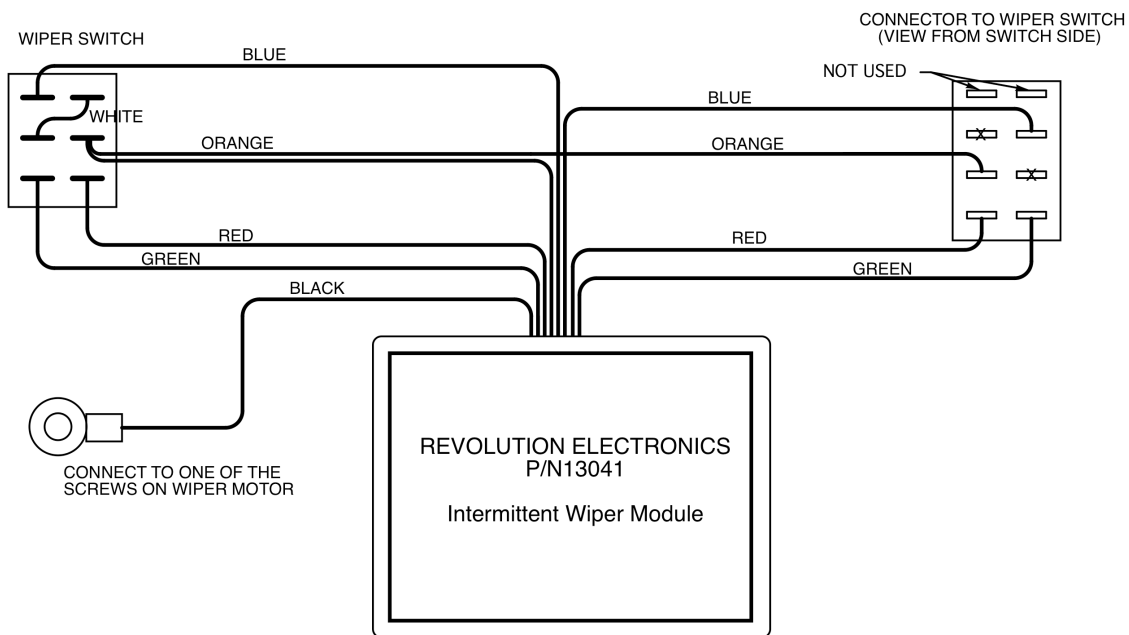


Figure 1

### Electrical Connections

Figure 1 summarizes the connections necessary. The Intermittent Wiper Module will connect between the wiper switch and the factory harness to the switch.

You may want to refer to the Polaris instructions for your wiper kit. Start by exposing the backside of the wiper switch by removing the four screws holding the cover in place (T-25 Torx). Now remove the factory connector from the wiper switch (leave the harness running to the washer switch in place) – note that there is a latch on the bottom side which needs to be pressed in while you pull the connector from the switch.

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Connect the Black wire with ring terminal to one of the Phillips-head screws on the wiper motor housing. Use the white wire jumper in the hardware kit to go from switch terminal 2 (middle terminal close to washer switch) to 4 (top terminal further from washer switch). Next, you need to connect the four female connector wires to the switch – Blue to 1 (top of switch, closer to washer switch), Green to 3 (bottom of switch, closer to washer switch), Orange to 5 (middle terminal further from washer switch), Red to 6 (bottom terminal further from washer switch). You are mimicking the wire placement/colors from the factory harness – use the factory connector as a guide if needed.

Next you need to insert each of the male terminals into the appropriate slot in the factory connector so that the colors match – red to red, orange to orange, blue to blue, green to green. There is no need to connect anything to the white wires in the factory connector.

## Mounting the Unit

Slide the Intermittent wiper module between the case and the bottom of the wiper motor. Use the 4” zip ties to clean-up and hold the wires in place. Test your installation and then carefully replace the cover to the case using the four Torx-head screws removed earlier.

## Operation

When you first turn on the wiper, the module will be in one-swipe-per-8-seconds mode. To step up to the next fastest setting, quickly switch to High Speed and then back to Low Speed. The wiper will now swipe once every 5 seconds. Repeating this quick low-to-high-to-low motion will cause one swipe every 3 seconds. Once more will activate continuous low-speed operation. Moving the switch to High will activate continuous high-speed operation.

If you wish to step down a setting, briefly move the wiper switch to the Off position and then back to the Low Speed position.

## Troubleshooting

1. There are 11 connections which must be correct for this module to operate properly. The wire colors should match with the Polaris harness, so verify that first. The wires to the switch should be placed the same as the factory harness – hold the harness to the switch to verify correct wire color placement. Lastly, verify that the black wire is securely connected to one of the screws on the wiper motor.
2. If the wiper does not activate at all, verify the Orange wire has 12v.

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