



Ski-Doo RACING Department

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Recipient: 2014 600RS Ski-Doo Owners
Subject: Tip Sheet #1 - 2014



WARNING: This information relates to the preparation and use of snowmobiles in competitive events. BRP disclaims liability for all damages and/or injuries resulting from the improper use of the contents. We strongly recommend that these modifications be carried out and/or verified by a highly skilled professional racing technician. It is understood that racing or modifications of any BRP produced snowmobile voids the vehicle warranty and that such modifications may render use of the vehicle illegal in other than sanctioned racing events under existing federal, provincial and state regulations.

PREHEAT "HOLESHOT" SWITCH REPLACEMENT

ISR has approved the replacement of the left hand control module, to include the "Holeshot" button switch and the headlight dimmer switch. The correct replacement switch is the Sea Doo Start/Stop switch, Part # 278 001 733.

DO NOT USE THE PREVIOUS YEARS PREHEAT SWITCH. The previous years switch, had a component molded inside, which directed the ECM to switch between the Preheat and Race timing curve. For 2014 the component is located in the wiring harness. Therefore, a NORMALLY OPEN, push button ON/OFF switch will work.

INSTRUCTIONS FOR REPLACEMENT:

1. Remove the left hand control module.
2. Disconnect the 3 wire connector for the Preheat switch.
3. Disconnect the 3 wire connector for the Headlight dimmer switch.
4. **3 Wire Headlight Wiring Harness Connector** - Connect the Red wire and the Grey/Orange wire of the Headlight connector together. Type of connection, (jumper wire, splice, etc) is at your discretion, but needs to be secure. This will allow the headlight to stay on LO beam all the time. The Grey/White wire is for HI Beam and should remain disconnected and secure as not to short against anything. Headlight must be operational as per ISR rules.
5. **3 Wire Preheat Wiring Harness Connector** - Connect the Red/Violet wire to one wire of the replacement preheat switch. Connect the Red/Green wire to the other wire of the switch. Type of connection, (jumper, splice, etc) is at your discretion, but needs to be secure. Black/Blue wire is not used but needs to be secure as not to short to anything.
6. Route the wires of the replacement switch as not to interfere with any brake operation or steering movement.
7. Fasten replacement Preheat switch to handlebar using 2 "cable" ties as per photo. **DO NOT OVER TIGHTEN**, as this will cause the switch to be activated all the time.



WATER PUMP OIL LINE

We have received some reports the oil line attached to the Water Pump gear housing from the oil reservoir is not secure. Inspect the routing of the hose and clamp, replace clamp is necessary.

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