## **Cohn Motorsports Appraisal**

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Insurance company: Insured: Claim # **Examiner:** Policy # Date of Loss: 11/30/2018 Claimant: Invoice: Attached: fee \$ estimate X photos x other transport \$ tow / storage \$ tow bill registration other \$ repair shop tax ID: total \$

## inspection notes:

Inspected insured's partially disassembled motorcycle (12,952 miles listed on meter) at the repair shop on 12/14/2018. Repair order contentions ".. empty coolant tank, smells of coolant " & "...keeps killing batteries..". The right side cowling and seats are removed for inspection.

The cooling system thermostat housing and surrounding connected hoses / sensors are showing leakage and long term staining. Residual coolant has dripped onto the valve cover (see pics). Technician stated the reserve bottle was empty. Time, usage and wear / tear appear to be related to this issue. No signs of external impact or collision.

The battery issue; technician (Jose) mentioned that the battery was completely discharged when it arrived. He slow charged the battery for two days. We had him verify condition with two test devices. Both devices show a healthy battery (59% charge state). Then tested the key off draw (@ 4ma.. no spec given in OE manual.. however, it's a normal spec. value with a clock memory). Vehicle started and shows charging @ 13.4dcv @ 4,000 rpm.

In looking at the chassis. After market exhaust, battery charging harness, rear fender eliminator, etc. No sign of any power commander or other modules.

Technician and I agreed to keep the battery connected, let sit dormant and we will return the following week, retest the system / check if the battery discharges.

12/19/2018 we returned to the shop and retested the battery and charging system. Battery state of charge decreased by 2% in 5 days (normal with a 4ma draw). Starts and runs, still charging 14.20dcv @ 3,000 rpm. No battery issue found and the charging system is verified functioning.

The cause of failure to the thermostat is simple corrosion, wear and tear. The battery was not found to be defective or failed at this time. No correction recommendations. Enclosed are photos & a shop repair order. **ABC to** review and notify shop with your decision.

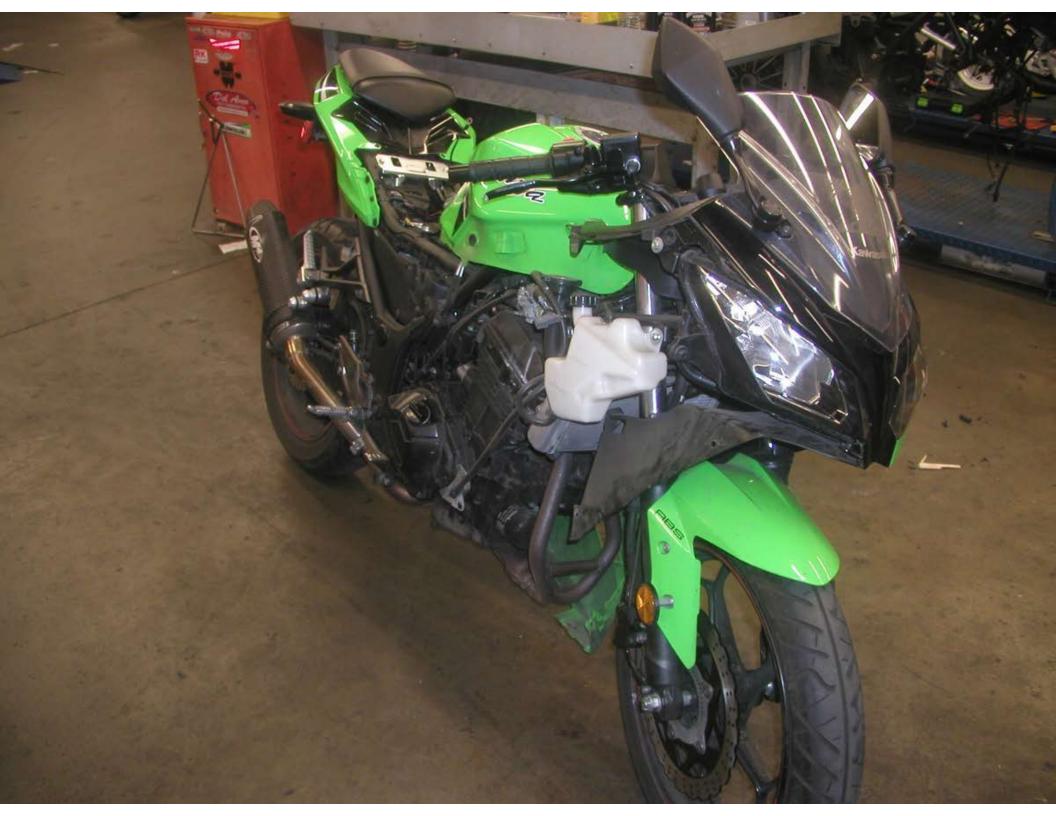
signed: Alan Cohn Dec 19, 2018

Date: 12/19/2018

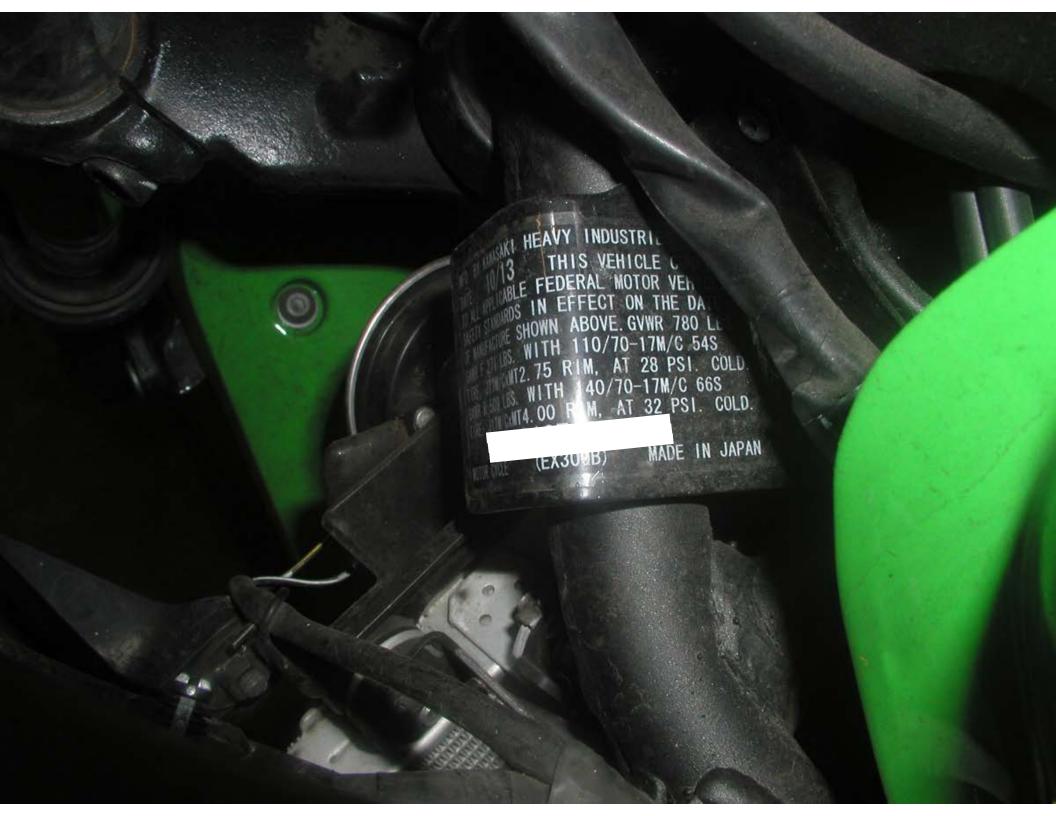
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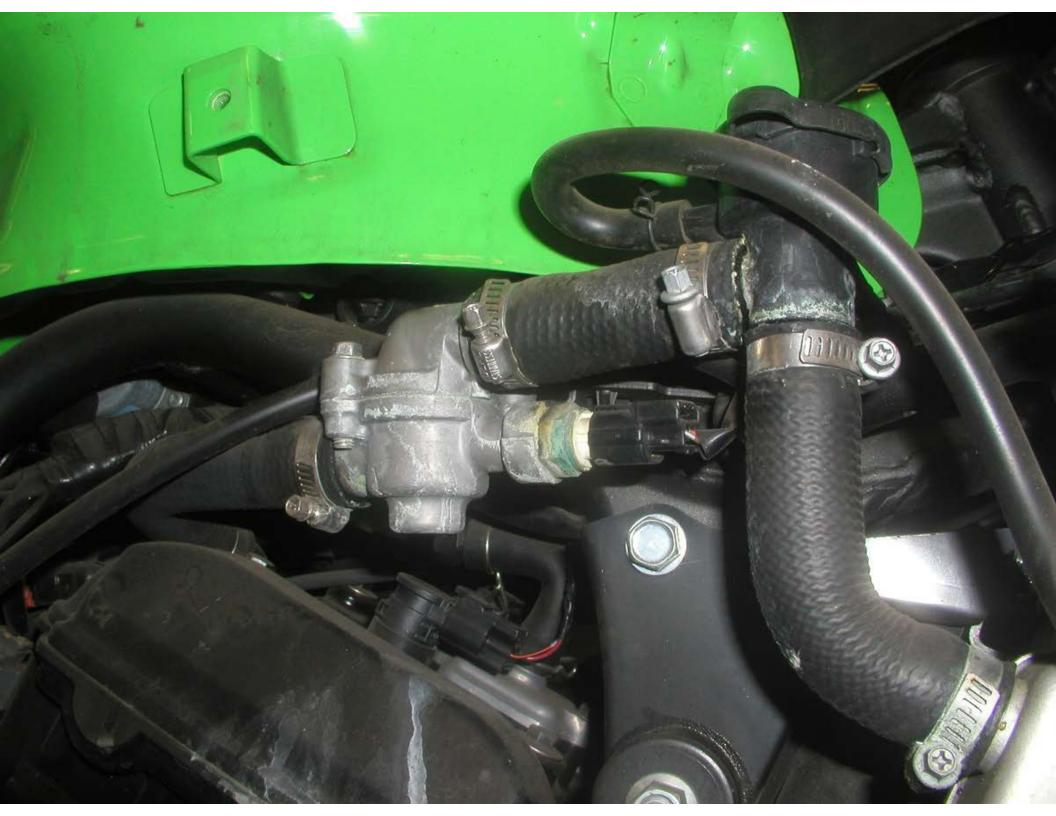


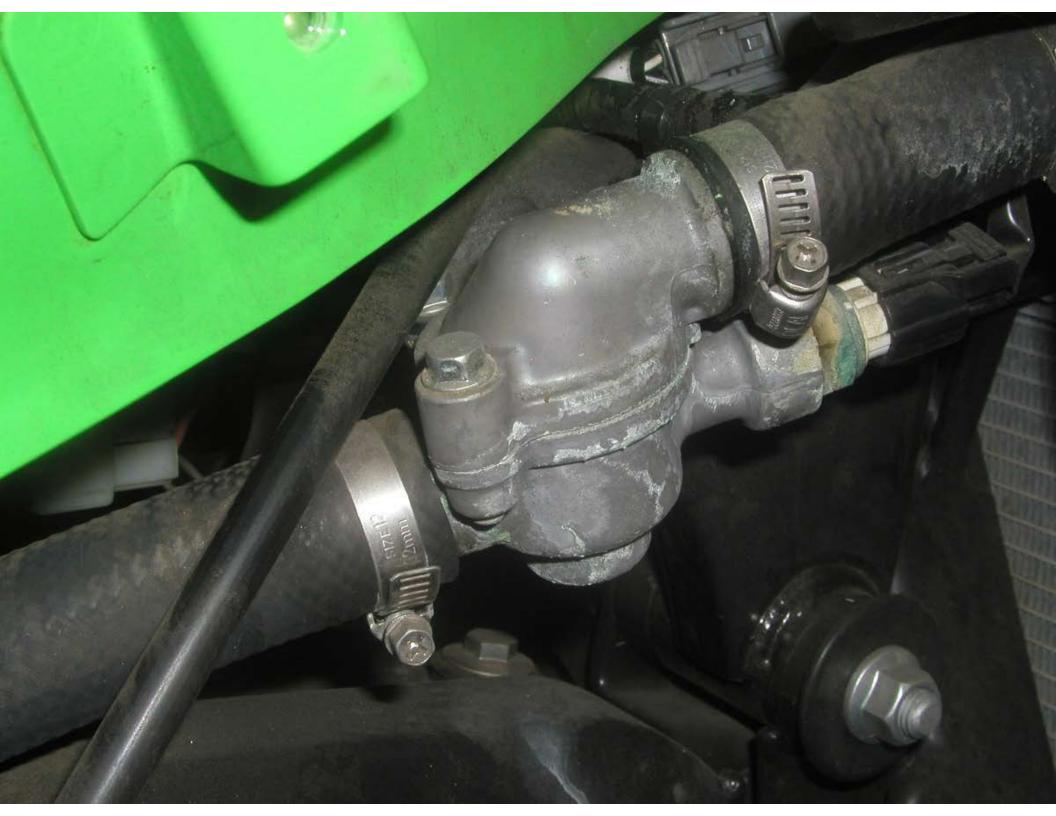




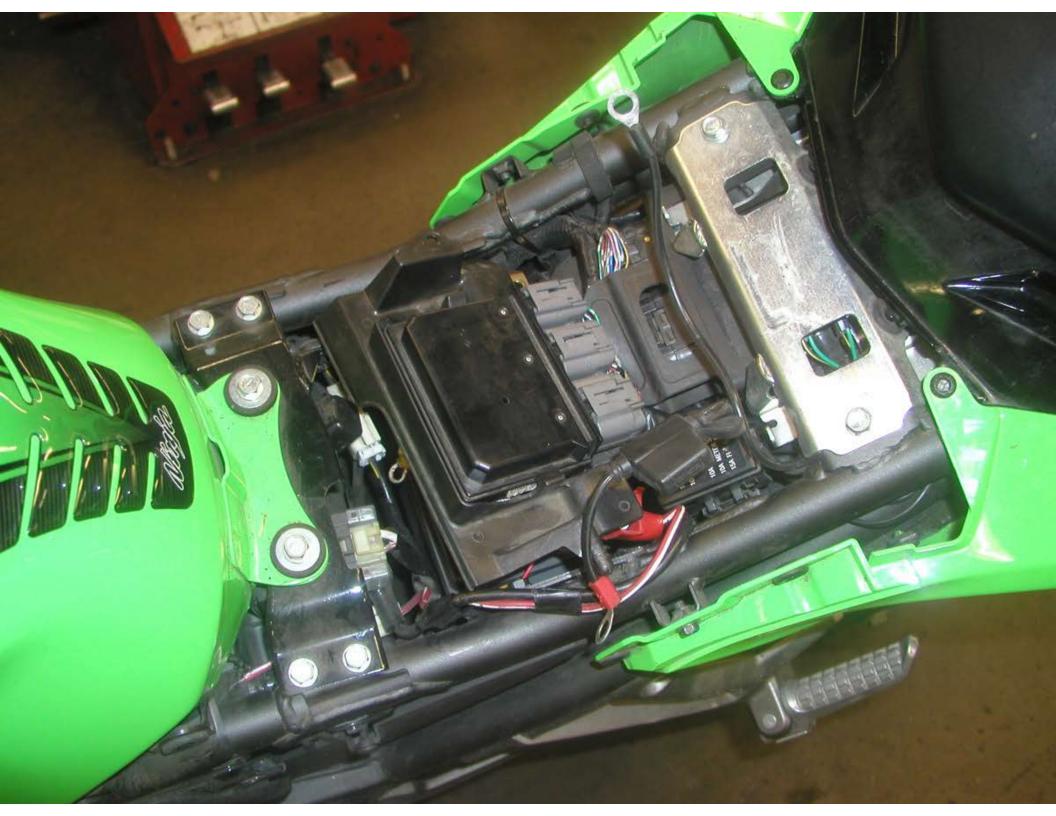
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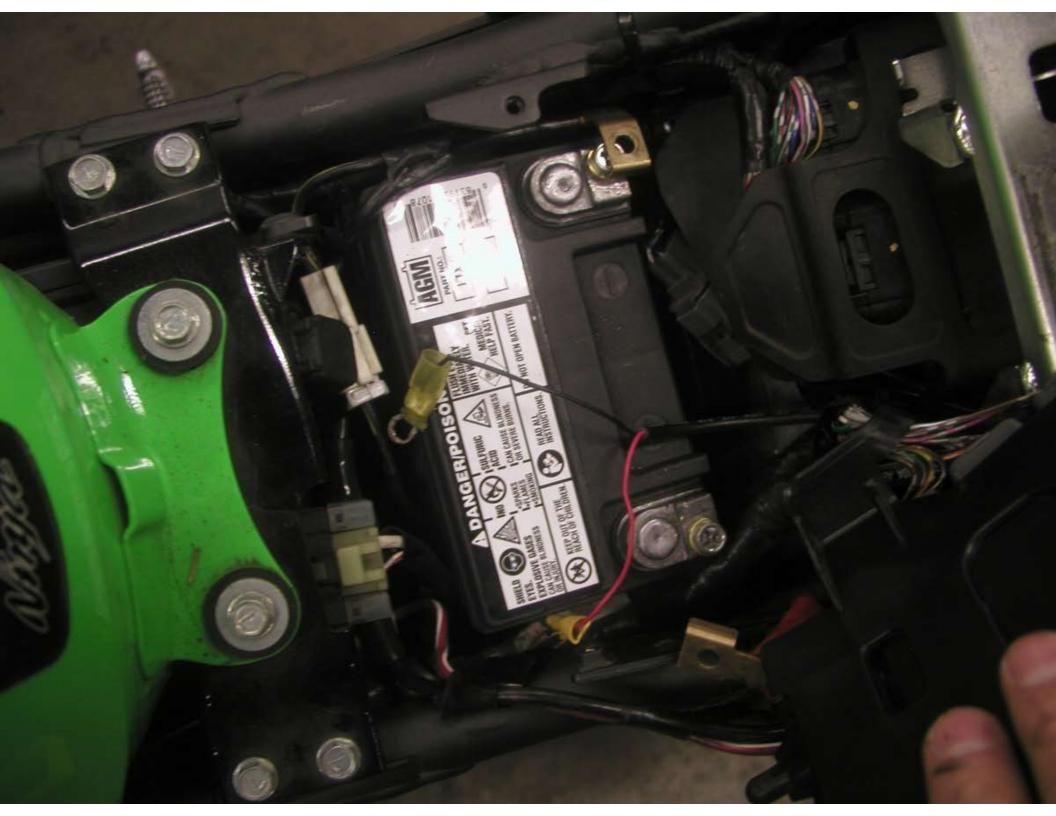
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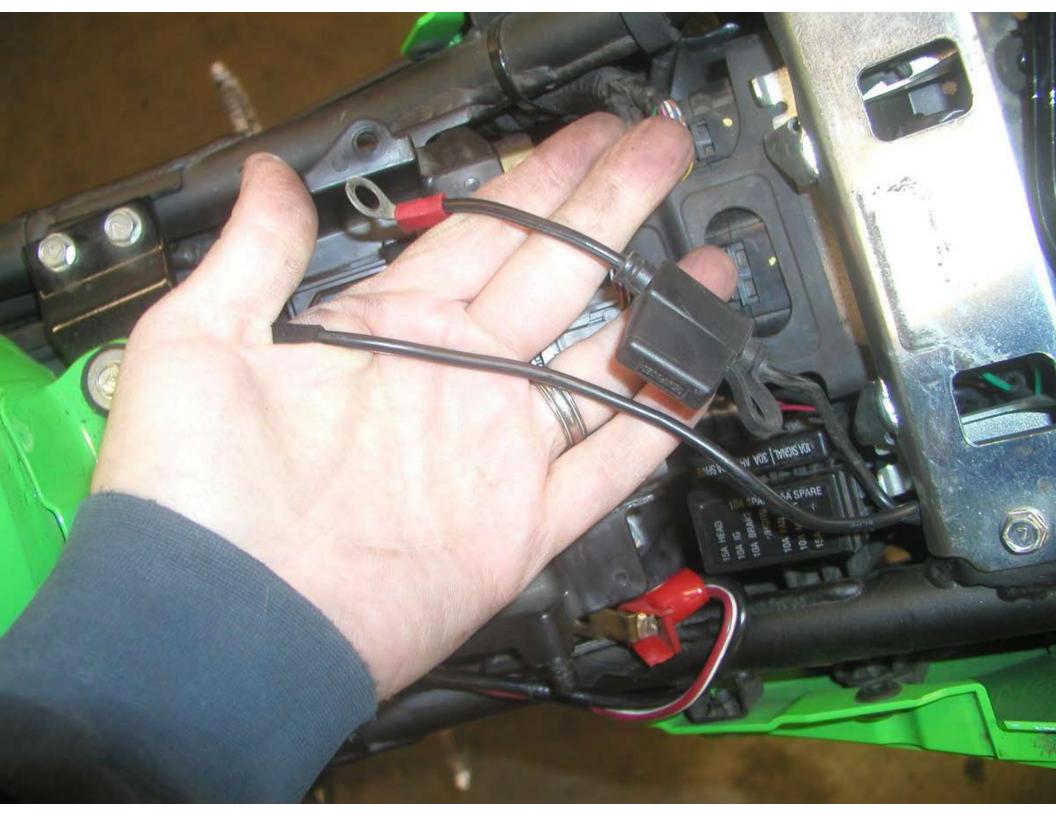
























HBT-0401

SOH 100% SOC 75% 12.450 315A RATED 120A GOOD BATTERY

Digital Battery Analyzer













