

S5000 TECHNICAL BULLETIN

Date	13/10/2021
Topic	Upright Water Ingress
Priority	High - Mandatory

PROBLEM:

After the wet weather races this year, some uprights were found to have seized bearings.

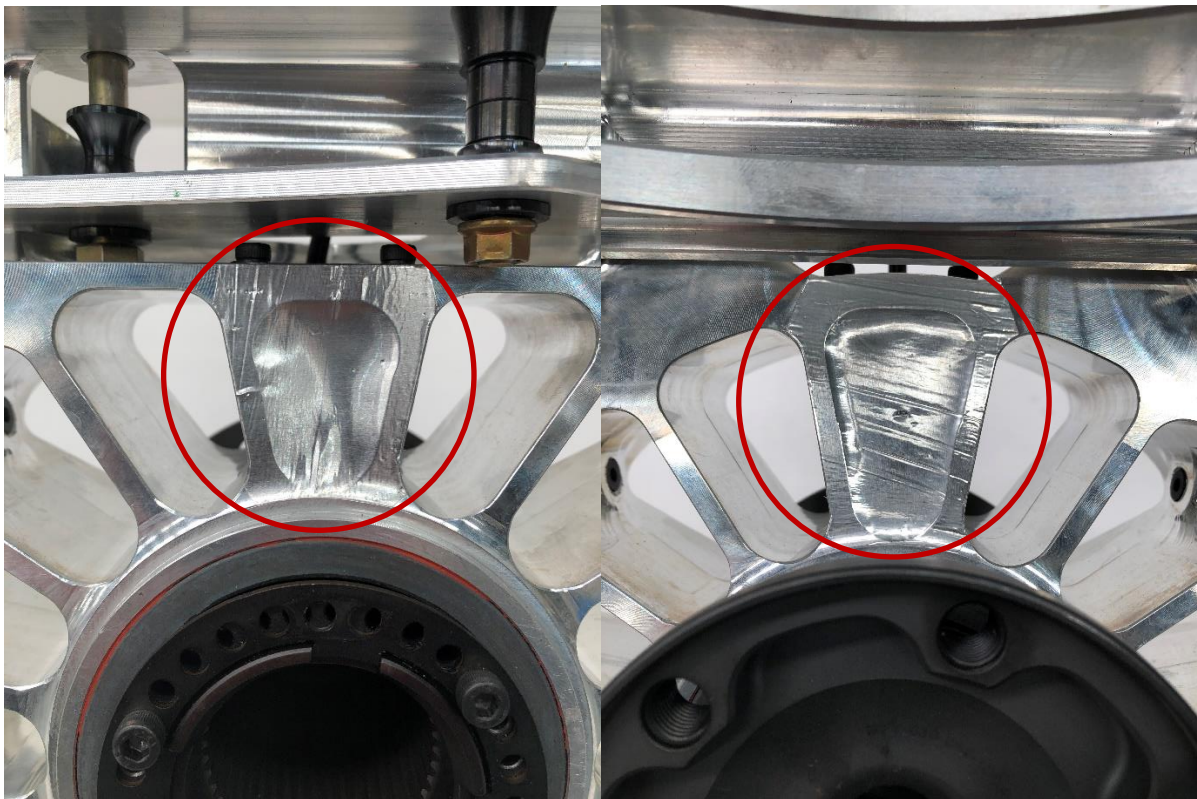
It occurred several days after the race meeting and after disassembly rust was found in the bearings.

A vast majority were rear uprights, however there also was an instance of rust in the front upright bearings.

SOLUTION:

The upright breathes through the wheel speed sensor opening as it heats up and cools down. The design of the rear upright brake duct especially means in wet weather, most of the water will be directed through the speed sensor web opening in the upright housing.

Proposed solution is to cover the wheel speed sensor opening with aluminium tape as shown below. This modification should be done straight away and has been completed on all uprights serviced after SMSP.



Any questions please contact s5000@grmotorsport.com.au