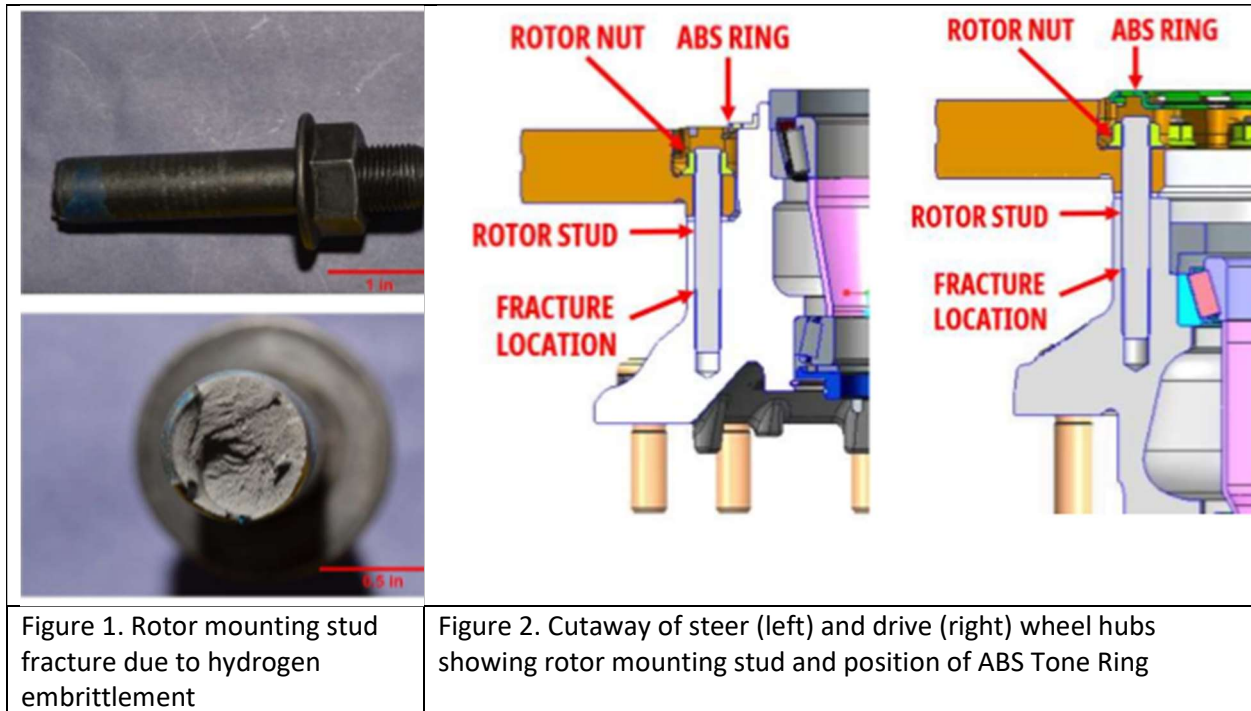


DTNA identified an issue affecting Freightliner, Western Star and FCCC models equipped with ConMet flat rotor disk brakes on aluminum hubs. Inspection data indicates approximately 1% of all rotor-mounting studs installed on steer and drive hubs on vehicles with flat rotors built from May 1, 2020 through August 24, 2020 may fracture due to hydrogen embrittlement.

DTNA initiated a hold on all vehicles at our plants and facilities to inspect and replace faulty rotor mounting studs with validated stock before releasing the vehicle from the plants. Once fully verified, the held vehicles will be released.



A fractured stud could dislodge from the hub mounting hole however the stud will be captured by the ABS tone ring - see Figure 2. As damage progresses damage to the ABS tone ring, ABS sensor, and caliper anchor plate may occur. Drivers may notice wheel end noise, vibration, or an ABS indicator light - see Figure 3. Based on engineering, test and field information, vehicle safety is not compromised.

If a fractured rotor stud is suspected on an in service vehicle, then the vehicle should be inspected at a dealer when possible.