



Nilfisk

TECHNICAL SERVICE BULLETIN

Number: TSB-FC-2022-001

Model & Symptom: VU500—clutch failure

Date: Jan 20, 2022

Author: Alberto Rastelli

Urgency:

☐

HIGH: Immediate action is required. Service visit must be scheduled.

☐

MEDIUM: Action is required during the next scheduled visit to the machine.

☒

LOW: Action is required if machine is exhibiting the reported issue.

☐

GENERAL: No action is required

Symptom:

Hard noise from the brush.

PRODUCTS:

VU500, SPECTRUM

RELATED TFR / PRIOR TSB:

TFR [20211027-003](#)

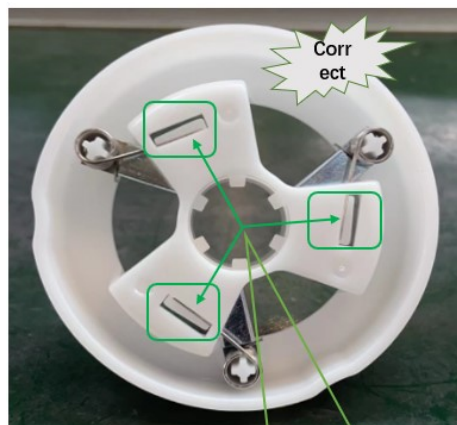
ISSUE:

Clutch assembly housing is prematurely failing.

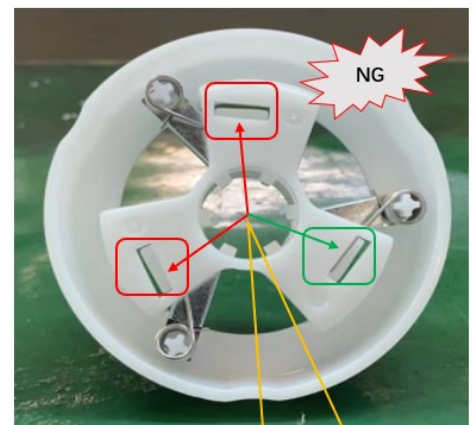


CAUSE:

Incorrect assembly of the torsions spring which results in the spring and torque levers coming loose. When the torsion spring and torque lever come loose that they can contact the clutch housing (plastic part) with enough force to cause it to fracture/break.



•The pin of the spring is visible in the card slot



•The two pins of the spring are not visible in the card slot

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PRODUCTION CORRECTIVE ACTIONS:

Quality check added to verify that the torsion spring is visible in the card slot .

PRODUCTION SOLUTION IMPLEMENTATION DATE and / or SERIAL NUMBER:

First production machine with improved clutch installed as standard equipment:

Implementation Shipping Date: W02, 2021

Serial Number: starting 21020001-

FIELD CORRECTIVE ACTIONS:

Replace the clutch if a failure occurs (fix as fails)

Same spare P/N, EDC & USDC inventories have been purged and replaced with good clutch.

SPARE PARTS and/or SPARE PART KITS:

107407722 - CLUTCH ASSEMBLY COMPLETE

NOTE: Verified assy clutch is marked by black dot (see fig.1)



(Fig.1)