



Nilfisk

TECHNICAL SERVICE BULLETIN

Number: TSB-FC-2019-005

Symptom: Exhaust filter cover falls off.

Date: 04/03/2019

Urgency: Low

Author: Alberto Rastelli

Urgency:

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HIGH: Rework needs to be done immediately

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MEDIUM: Rework needs to be done by next possible occasion

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LOW: Rework to be done if necessary

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GENERAL: General information

SYMPTOM:

Exhaust filter cover falls off.

PRODUCTS:

VU500, Carpetmaster

ISSUE:

Motor cassette latch for the cover breaks.

ROOT CAUSE:

1. Supplier deviation in the injection parameter so the material is very brittle.
2. Also suspected the VU500 filter cover design change to tighten the HEPA filter cover to reduce air leakage. This made the filter cover harder to close, which increased the stress on the motor cassette filter cover catch when the filter cover was closed in assembly.

PRODUCTION CORRECTIVE ACTIONS:

1. Phase out the supplier Joinwin.
2. Modified the tool of the motor cassette adding the R0.8mm on the corners and increase the material 0.3mm to make this latch is stronger.

PRODUCTION SOLUTION IMPLEMENTATION DATE and / or SERIAL NUMBER:

Implementation in production from W12, 2019 starting SN 191200020.

FIELD CORRECTIVE ACTIONS:

Replace the plastic cassette if a failure occurs (fix as fails)

Open for sale the production P/N 147 0994 000 for field rework purpose.

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SPARE PARTS or Kits Needed:

147 0994 000 - COVER MOTOR CASSETTE

No change of production P/N, DC's inventories have been purged and new cassette is now available.

COMPONENT LOCATIONS / PICTURES:

old plastic

new plastic

