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Title: MaxxForce 11 & 13 Horton Stratis Fan Hub Wiring Harness Re-Route Procedure

Applies To: All models

DESCRIPTION

Wiring on the Horton Stratis Fan Hub has shown to be rubbing, causing the failures and necessitating the replacement of the fan drive. Re-routing of the wiring harness before a failure will prevent future failures, re-routing after a failure will prevent multiple failures.

SYMPTOMS

- Low Power, Irratic Fan Engagement, No Fan Engagment , Vref 4 DTC

THE ASSEMBLY PLANTS REMOVED THE LOWER CLIP IN PRODUCTION ON THE FOLLOWING DATES AND SHOULD NOT REQUIRE MODIFICATIONS

- SAP 3/30/12
- GAP 4/04/12
- EAP 4/01/12

RESOLUTION

Inspect the wiring harness; if wires are exposed, repair the fan hub harness and install sheathing (do NOT replace the fan hub), re-route the harness as indicated in the pictures below. If the outside sheathing is rubbed through but not to the wires, insulate the harness sheathing and re-route the harness, replacement of the fan hub is not necessary. Re-route the

harness to eliminate future failures on any replaced fan hubs.

ISSUE AND CORRECTION PICTURES

[/service_kb/DocTool/Documents/Published/IK0900071/Files/Stratis Wiring Harness Issue.pdf](/service_kb/DocTool/Documents/Published/IK0900071/Files/Stratis Wiring Harness Issue.pdf)

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