



Countries: AUSTRALIA, CANADA, UNITED STATES, MEXICO, PUERTO RICO, NEW ZEALAND
Availability: ISIS
Major System: COOLING
Current Language: English
Other Languages: NONE
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Coding Information

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Title: Retrofitting a Horton VMaster(Stratis) fan drive to Horton 2spd air operated fan drive

Applies To: Prostar, PayStar, MaxxFace 13 (EPA 10) Navistar N13 (EPA 10) with SCR

CHANGE LOG

12/04/2015 - Added Note for n/a for TranStar's and fixed change log.
 09/08/2015 - Added revised conversion instructions
 08/06/2015 - Added reference to IK0900115
 7/30/2015 - Made wording of kit prerequisite section more clear
 07/20/2015 - Adjusted formatting of repair section
 07/16/2015 - Added countries to the country coding

DESCRIPTION

This article provides direction on retrofitting qualified ProStars and PayStars with either a MaxxFace 13 (EPA 10) or a Navistar N13 (EPA 10) from a direct drive Horton V Master (Stratis) fan drive to a Horton 2 Speed air operated fan drive.

Note: The retrofit is not applicable to TranStars due to coolant package constraints.

KIT PREREQUISITE

Only perform this retrofit if at least one of these two criteria have been met:

1. Truck has experienced a fan shaft failure (P/N 3005831C92) and is covered under warranty (01, 39).

For fan shaft failure diagnostics and repair please reference [IK0900115](#).

2. Truck is marked with a managed repair and is covered under warranty (01, 39).

SERVICE PARTS INFORMATION

Kit Description	Part Number	Qty	Notes
KIT, FAN DRIVE, RETROFIT 2 SPEED	2514165C94	1	Needs to meet kit prerequisites





WARNING:

To prevent property damage, personal injury or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

Repair Instructions

Step	Action	Decision
1	FAN DRIVE RETROFIT INSTALLATION INSTRUCTIONS: Click here to open the Horton Drivemaster Direct Fan Clutch Retrofit Instructions. Was the installation successful?	Yes. Proceed to Step 2.
		No. Re check installation steps and repeat step.

Step	Action	Decision
2	SERVICEMAXX TEMPLATE PROGRAMMING: NOTE: Verify the engine ECM calibration is current prior to programming the template, failure to do so will result in a programming error. Download parameter template file Click Here Program template file How to program a template? What did the parameters change to? Did the "Programming Successful" dialog box appear?	Yes. Proceed to Step 3.
		No. Restart Servicemaxx, repeat step.

Step	Action	Decision
3	DATABASE UPDATE: Open NETS Perform GET Select SEND as "Change Parameter" Did the send complete?	Yes. Proceed to Step 4.
		No. Repeat step.

Step	Action	Decision
4	DLB E-FIX PROGRAMMING: Launch DLB	Yes. Retrofit complete. Release unit to customer.
		No. Repeat step.

Select VIN Click campaign tab Verify fix 1067 TWO SPEED FAN CONVERSION is shown Click on APPLY SELECTED CAMPAIGN Click FEATURE tab Verify 595BPB is NOT selected Verify 595BBB IS selected Is feature 595BPB off and 595BBB on?
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Standard Repair Time(s):

Step	Description	Chassis	Engine	SRT	Hours
Not Applicable	Fan Drive Retrofit	ProStar/PayStar	MF13L/N13	R12-3742u-20	6.5

WARRANTY INFORMATION

Warranty Claim Coding:


Group:	12000 - Engine
Noun:	742 - Fan, shaft and mounting

Special Requirement(s):

Retrofit needs to meet kit prerequisites

OTHER RESOURCES

[Master Service Information Site](#)

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