

Authorized Field Change



AFC 13910

Date: March 2013

Subject File: CAB

Subject: Blower Motor Assemblies and Linear Power Module (LPM) Updates

DESCRIPTION

Model: ProStar® Sleeper vehicles requiring Blower Assembly and LPM replacement with Tape Seal Installation:

Table 1. Date Range:

Garland Assembly Plant

Start Date: 01 January 2010

End Date: 28 November 2012

Escobedo Assembly Plant

Start Date: 01 January 2010

End Date: 05 December 2012

Model: ProStar® Sleeper vehicles requiring LPM replacement only:

Table 2. Date Range:

Garland Assembly Plant

Start Date: 29 November 2012

End Date: 31 December 2012

Escobedo Assembly Plant

Start Date: 06 December 2012

End Date: 31 December 2012

On some ProStar® Sleeper vehicles the front HVAC blower motor may fail to start after the vehicle has sat for a period of time. This Service Procedure is divided into two sections: "Replacement of Blower Assembly and LPM with Installation of Tape Seal", and "Replacement of LPM only".

NOTE: This AFC only applies to vehicles marked in Service PortalSM with AFC 13910.

PARTS INFORMATION

NOTE: Refer to the vehicle build date to determine the proper parts to use.

Table 3.

Part Number	Description	Quantity
8000942R91	KIT – Blower Motor Assembly and LPM (includes tape seal)	1
2510671C1	Linear Power Module (LPM)	1
289862C1	Wire Ties	as needed

UPDATES TO FRONT HVAC BLOWER MOTOR SYSTEM

 **WARNING:** Park vehicle on hard flat surface, turn the engine off, set the parking brake, and block the wheels to prevent the vehicle from moving in both directions. Failure to do so may result in property damage, personal injury, and / or death.

 **WARNING:** To prevent personal injury or death, wear safety glasses with side shields.

 **WARNING:** Keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases. Failure to do so may result in property damage, personal injury, and / or death.

 **WARNING:** Remove the ground cable from the negative terminal of the battery before disconnecting any electrical components. Always connect the ground cable last. Failure to do so may result in property damage, personal injury, and / or death.

UPDATES TO FRONT HVAC BLOWER MOTOR SYSTEM (CONT.)

Repair Procedure for Replacement of Blower Assembly and LPM with Installation of Tape Seal

Vehicles requiring replacement of the Blower Assembly and the LPM with Tape Seal Installation (Kit):

Garland Assembly Plant: Start Date: 01 January 2010 End Date: 28 November 2012

Escobedo Assembly Plant: Start Date: 01 January 2010 End Date: 05 December 2012

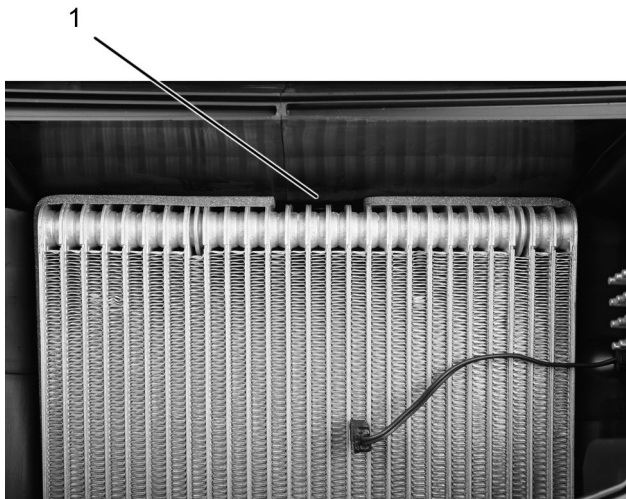
Removal Procedure

1. Park the vehicle on a flat level surface.
2. Shift transmission to park or neutral and set parking brake.
3. Install wheel chocks.
4. Remove battery box cover.
5. Disconnect negative battery terminal.

NOTE: For more information, refer to appropriate section of Service Manual S16047.

6. Remove Interior Module Trim Cover.
7. Remove Blower Scroll Housing.
8. Remove Blower Assembly.

UPDATES TO FRONT HVAC BLOWER MOTOR SYSTEM (CONT.)



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Figure 1. Tape Seal Location

1. Gap between gasket on top of evaporator.



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Figure 2. Tape Adhered Between Evaporator and Black Plastic Case of Interior Module

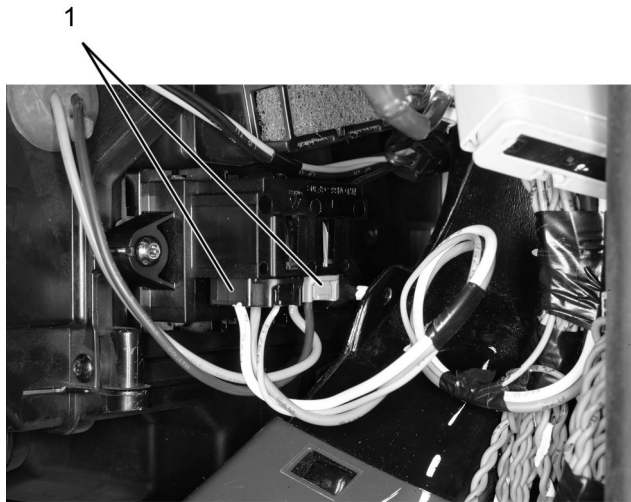
9. Fold tape lengthwise and apply tape to cover gap between gaskets (Figure 1, Item 1) on top of evaporator (Figure 2).

UPDATES TO FRONT HVAC BLOWER MOTOR SYSTEM (CONT.)

Installation Procedure

NOTE: For additional information, refer to appropriate section of Service Manual S16047.

1. Install new Blower Assembly.
2. Replace LPM.



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Figure 3. Linear Power Module Connections

1. Linear Power Module Harness Connections (2).
3. Connect both harnesses to LPM (Figure 3).
4. Connect negative battery terminal.
5. Install battery box cover.
6. Remove wheel chocks.

UPDATES TO FRONT HVAC BLOWER MOTOR SYSTEM (CONT.)

Repair Procedure For Replacement of LPM Only

Vehicles only requiring replacement of the LPM:

Garland Assembly Plant: Start Date: 29 November 2012 End Date: 31 December 2012

Escobedo Assembly Plant: Start Date: 06 December 2012 End Date: 31 December 2012

Removal Procedure

1. Park the vehicle on a flat level surface.
2. Shift the transmission to park or neutral and set the parking break.
3. Install wheel chocks.
4. Remove battery box cover.
5. Disconnect negative battery terminal.

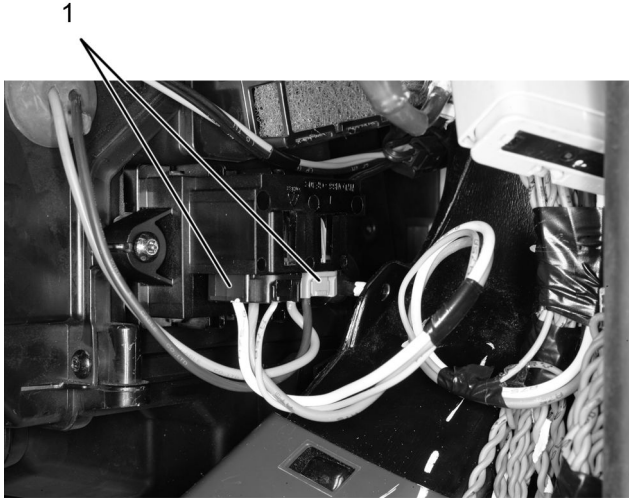
NOTE: For additional information, refer to appropriate section of Service Manual S16047.

6. Remove LPM.

UPDATES TO FRONT HVAC BLOWER MOTOR SYSTEM (CONT.)

Installation Procedure

1. Install new LPM.



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Figure 4. Linear Power Module Connections

1. Linear Power Module Harness Connections (2).
2. Connect both harnesses to LPM (Figure 4).
3. Connect negative battery terminal.
4. Install battery box cover.
5. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims. Use only one operation below.

Table 4. Labor Information

Operation No.	Description	Time
A40-13910-1	R&R Blower Motor and LPM with Tape Seal Installation	1.0
A40-13910-2	Linear Power Module Replacement Only	0.5

ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change 13910.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

As with all claim submissions, items acquired locally must be submitted in the "Other Charges" tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for AFC 13910 activity must be submitted by 31 March 2014 or within the normal warranty period for the vehicle, if after 31 March 2014.

GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number G —

NOUN — Leave blank

C (CAUSE) — Enter either 1, 2, 3. (See below)

- 1. Inspected (No repair required).
- 2. Inspected and repaired.
- 3. Defective part from parts stock.

WARRANTY — (Warranty Code) Enter 40.

TYPE PART — Enter P for type part causing failure.

PAD — Enter 100