



NUMBER: 24-002-14

GROUP: Heating & Air Conditioning

DATE: April 10, 2014

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SUBJECT:

Driver And Passenger HVAC Blower Air Temperatures Are Not The Same When “Sync” Setting Mode Is Selected And Headlamps Always Stay On.

OVERVIEW:

This bulletin involves selectively replacing the solar sensor.

MODELS:

2011-2014	(JF)	Freemont
2011-2014	(RT)	Town Country /Caravan (International Only)
2012-2014	(WK)	Grand Cherokee (International Only)
2012-2014	(JK)	Wrangler (International Only)
2012-2014	(LX)	300 (International Only)

NOTE: This bulletin applies to vehicles equipped with Dual Zone Automatic Temperature Control (sales code HAF or HAD) or equipped with Triple Zone Automatic Temperature Control (sales code HAH) or equipped with Automatic Headlamps (sales code LMG) built :JF/RT/WK : on or before September 10, 2013 (MDH 0910XX) ; JK: on or before June 01, 2013 (MDH 0601XX); LX: on or before October 22, 2013 (MDH 1022XX).

SYMPTOM/CONDITION:

Customers may experience the following condition:

- When using the Automatic Temperature Control “SYNC” mode, left and right outlet temperatures do not match regardless of the desired temperature setting is the same. Occupants will experience being cold (winter time), on either passenger or driver side, even though the temperature setting is the same.
- Headlamps are always staying on, when they are set to Auto mode.

DIAGNOSIS:

Using a Scan Tool (wiTECH™) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all HVAC systems are functioning as designed. Check headlamps functionality following the detailed procedures available in TechCONNECT, refer to 29-Exterior Lighting. If DTC's are present record them on the repair order and repair as necessary before proceeding further with this bulletin.

If no issue is found after performing published diagnostics replace the Sun Load sensor

following the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1	68230113AA	Dual Solar Sensor
1	68230114AA	Dual solar & Ambient sensor
1	68230115AA	Ambient light sensor

REPAIR PROCEDURE:

1. Replace the solar sensor. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info>24- Heating and Air Conditioning> Controls > SENSOR, Sun > Removal/Installation.
2. Return the vehicle to the customer.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08 45 03 90	Sensor,sun -Replace (RT/JF)	6 - ELECTRICAL AND BODY SYSTEMS	0.3 Hrs.
08 45 03 90	Sensor,sun -Replace (WK/JK/LX)	6 - ELECTRICAL AND BODY SYSTEMS	0.2 Hrs.

FAILURE CODE:

ZZ	Service Action
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