

ACCOUNT TEAM COVERAGE

Please Deliver To: Service Managers and Warranty Decision Makers

FROM: Cummins Global Warranty Administration Communications

Subject: ISV5.0 Fan Hub ATC for Tiffin Allegro RV

Number: Atc1885

Date: 31-Mar-2017

Expires: 03-Mar-2018 (U.S./Canada)
03-Mar-2018 (International)

Attention: U.S / Canadian Distr./Branches and Div. Offices (Automotive)

This is to revise and replace ATC 1885, dated 21-MAR-17. This revision is to:

- 1 Update the Part Number in the narrative.

If additional information is required, please contact your Cummins Warranty Operations Group Leader.

DESCRIPTION:

This ATC is being issued to update fan hub and fan spacer in certain ISV5.0 engines in Tiffin RV applications. Certified repair locations are authorized to replace the fan hub and fan hub spacer.

NOTE: This ATC is retroactive and covers repairs performed prior to the release date of this publication.

ACTION:

In order to qualify for repair under this field action, an engine:

- 1 will be covered Regardless of coverage status, and
- 2 **must** show an OPEN status for this field action on QuickServe® Online.

After verifying that the engine meets the above requirements, perform the following actions:

- 1 All eligible engines require installation of Cummins Fan Hub part number 5467894 and OEM fan spacer part number 5061977.
- 2 Repair location will order Fan Hub part number 5467894 from Cummins, and fan spacer part number 5061977 from Heath Thorne at Tiffin. Tiffin will provide part, next day air shipment to repair location at no charge.

NOTE: Please contact Heath Thorne by phone at (256) 356-8661, ext 3385, or via email at Heath.thorne@tiffinmotorhomes.com. The repair location will need to provide the last six digits of the chassis VIN number when placing the order.

- 3 Please refer to Attachment B for Tiffin OEM instructions for installing the OEM spacer.
- 4 Refer to Section 8 of the Service Manual 4367291 for instructions to Remove and Install the fan hub.

MATERIAL DISPOSITION:

Materials removed as a result of this field action **must** be scrapped.

REIMBURSEMENTS:

Parts:

The following parts are covered under this field action:

Part Number	Quantity	Description
546789400	1	FAN HUB

NOTE: SRTs to gain access that are required to complete the repair, that are sufficiently explained in the claim narrative, may also be claimed on this action.

Labor using applicable Access Code and Time:

SRT Code	Description	Time
00-904	Administrative time	
00-906	Administrative Time - Open and Close Web-Based Claims	
08-01L	Fan Hub, Belt Driven - Remove and Install - ISV5.0 CM3230 V104	
09-507	Drive Belt, Refrigerant Compressor - Remove and Install	
17-124	Floorboard - Remove and Install (Automotive, Bus, and Recreational Vehicle Applications only)	
17-189	Bed-Remove and Install (RV Only)	
17-190	Slide out- Extend and Retract (RV Only)	

Travel:

Travel is **not** covered under this field action Towing is **not** covered under this field action.

Other Claimables:

Consumables are covered under this field action.

Claim Instructions:

For Cummins Dealers, claims for this Field Campaign must be filed via **RAPIDSERVE™** Web (rsw.cummins.com). For information regarding **RAPIDSERVE™** Web, please reference the "Warranty" tab in QuickServe® Online. If there are additional questions, please contact your local Cummins Distributor.

Account Code: 27
Pay Code: Distributor = X
Pay Code: Dealer = D
Pay Code: International = I
Failure Code: WKFHBU

Attachments

atc1885_esn-list.xls atc1885_tiffin_wi_315_attach-b.pdf

FAN, CLUTCH & ADAPTER ASSEMBLY FOR CUMMINS ISV

Tiffin Motorhomes, Inc.

Work Instruction Number:

WI-315

Effective Date: 09/22/2016

Revision: 00

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Purpose: To provide instructions on properly installing the Fan, Clutch and Adapter on a Cummins ISV engine.

TOOLS NEEDED:

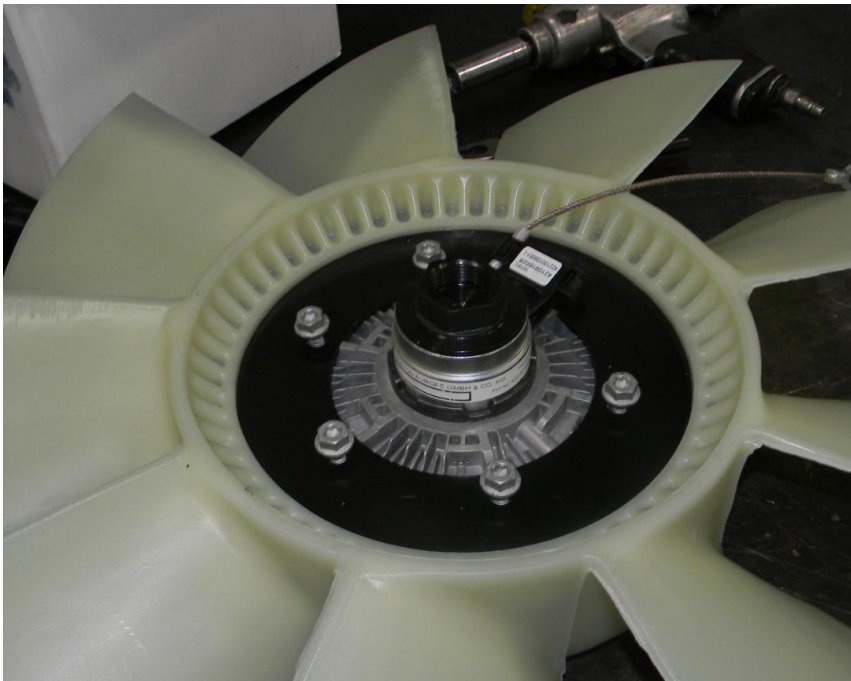
- 1- 1/4" Drive Ratchet
- 2- 1/2" Socket
- 3- Torque Wrench
- 4- Fan Pulley Wrench
- 5- 10mm socket

Parts Needed:

- 1- ACS Fan - 5039724
- 1- Horton Fan Clutch - 5039725
- 1- Horton Adapter - 5052329

Procedure:

1. Remove factory screws from rear of Horton Clutch.
2. Place fan onto rear of clutch with flow of fan toward the front of the clutch.
3. Align Fan bolt holes with bolt holes in clutch & reinstall factory screws.



FAN, CLUTCH & ADAPTER ASSEMBLY FOR CUMMINS ISV

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Effective Date: 09/22/2016

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Revision: 00

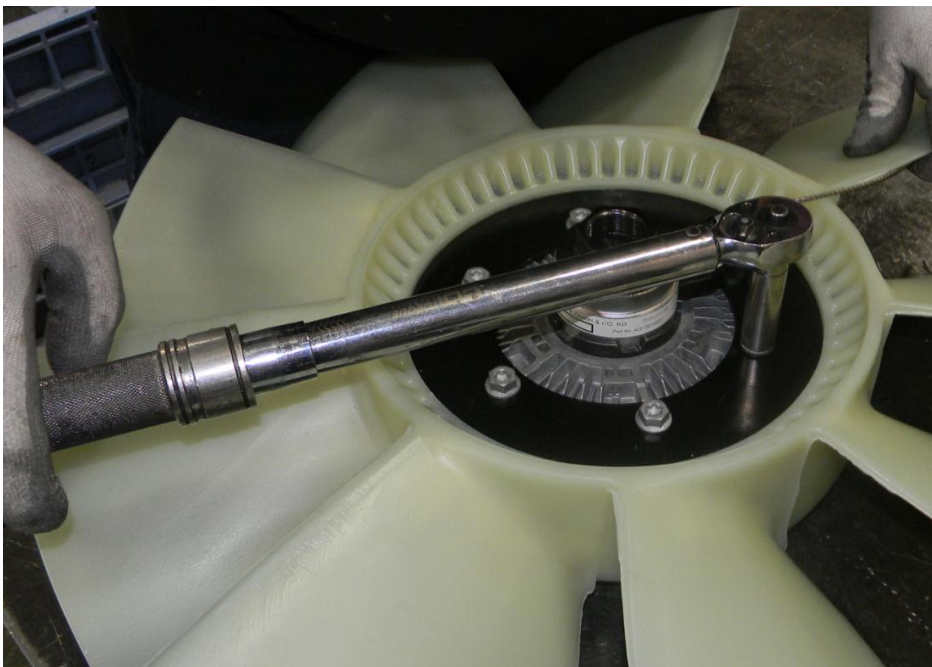
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4. Run factory screws up using a $\frac{1}{4}$ " drive hand ratchet and a $\frac{1}{2}$ " socket.



5. Torque screws to 21 Nm.



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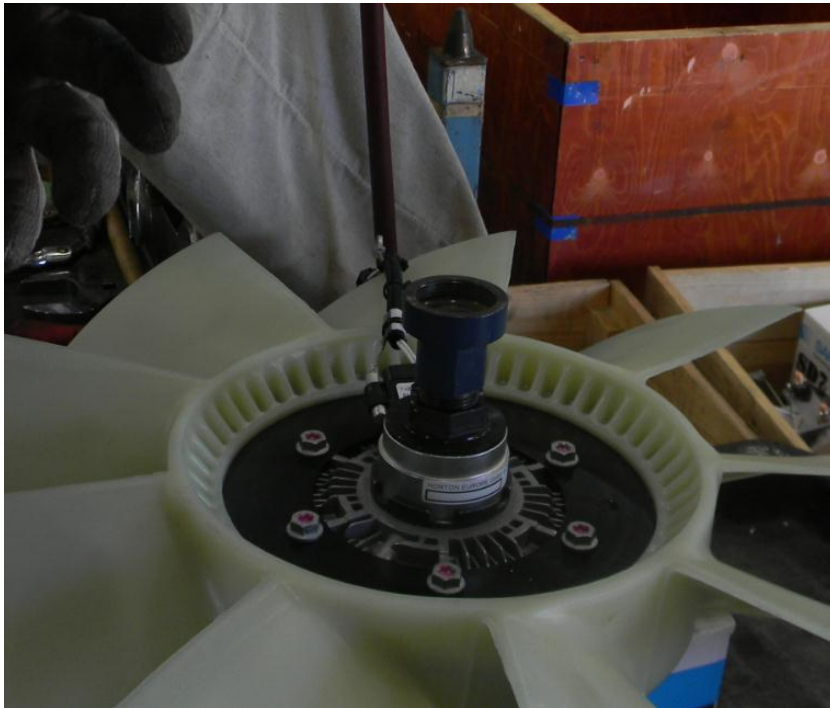
Work Instruction Number:

Revision: 00

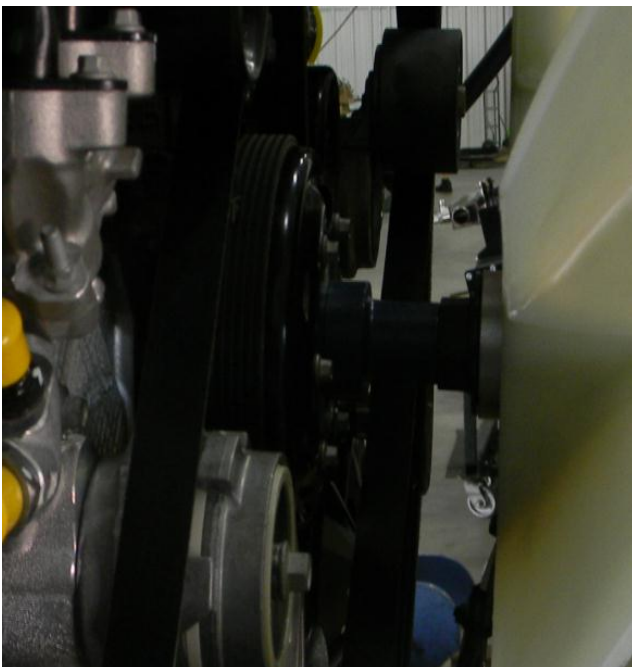
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6. Install Adapter to Fan/Clutch Assembly and hand tighten.



7. Start Adapter onto Engine Shaft by turning in a Clockwise direction when facing the engine.



FAN, CLUTCH & ADAPTER ASSEMBLY FOR R CUMMINS ISV

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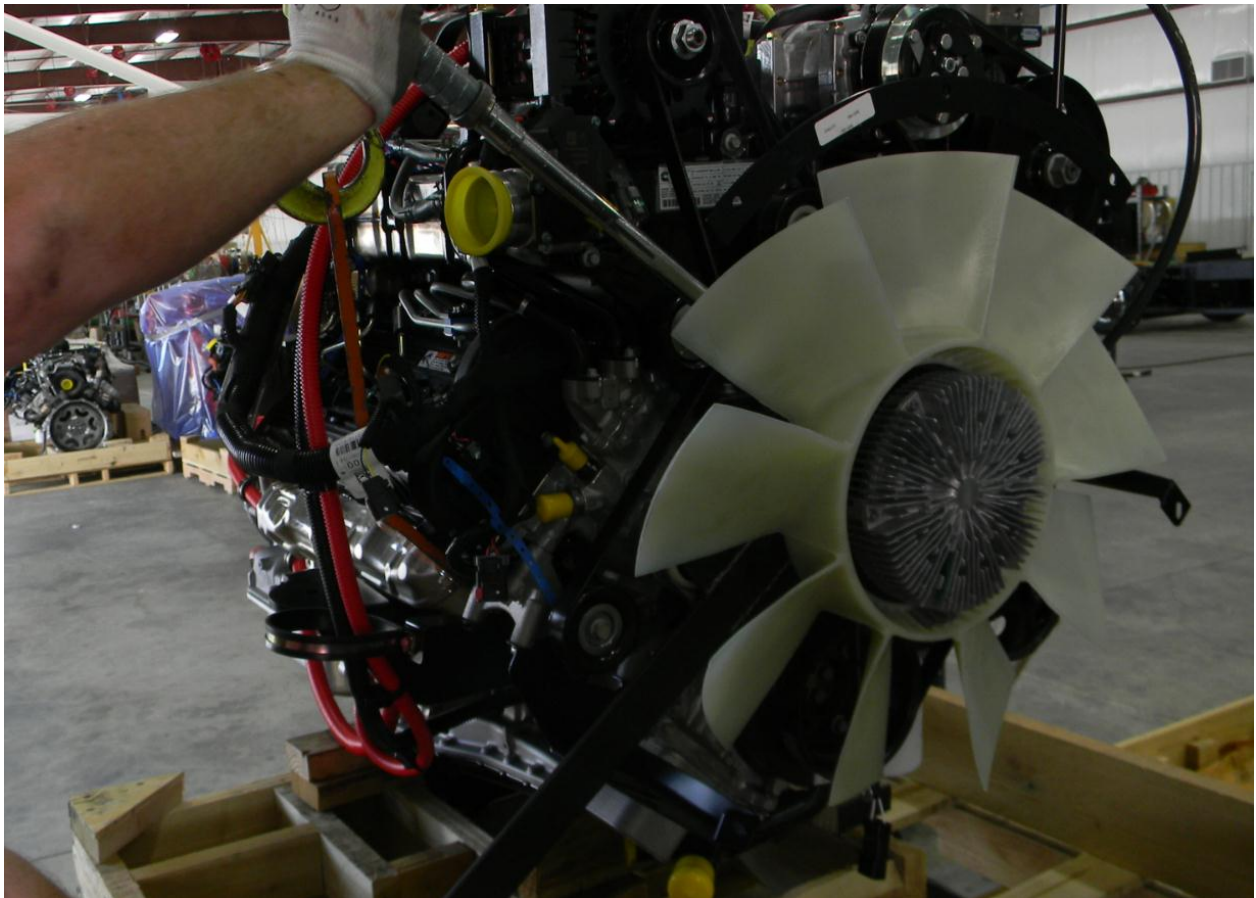
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8. While using the Fan Pulley Wrench to hold the fan Pulley and a Torque Wrench on the Clutch nut, Torque the Assembly to 100 ft-lbs..



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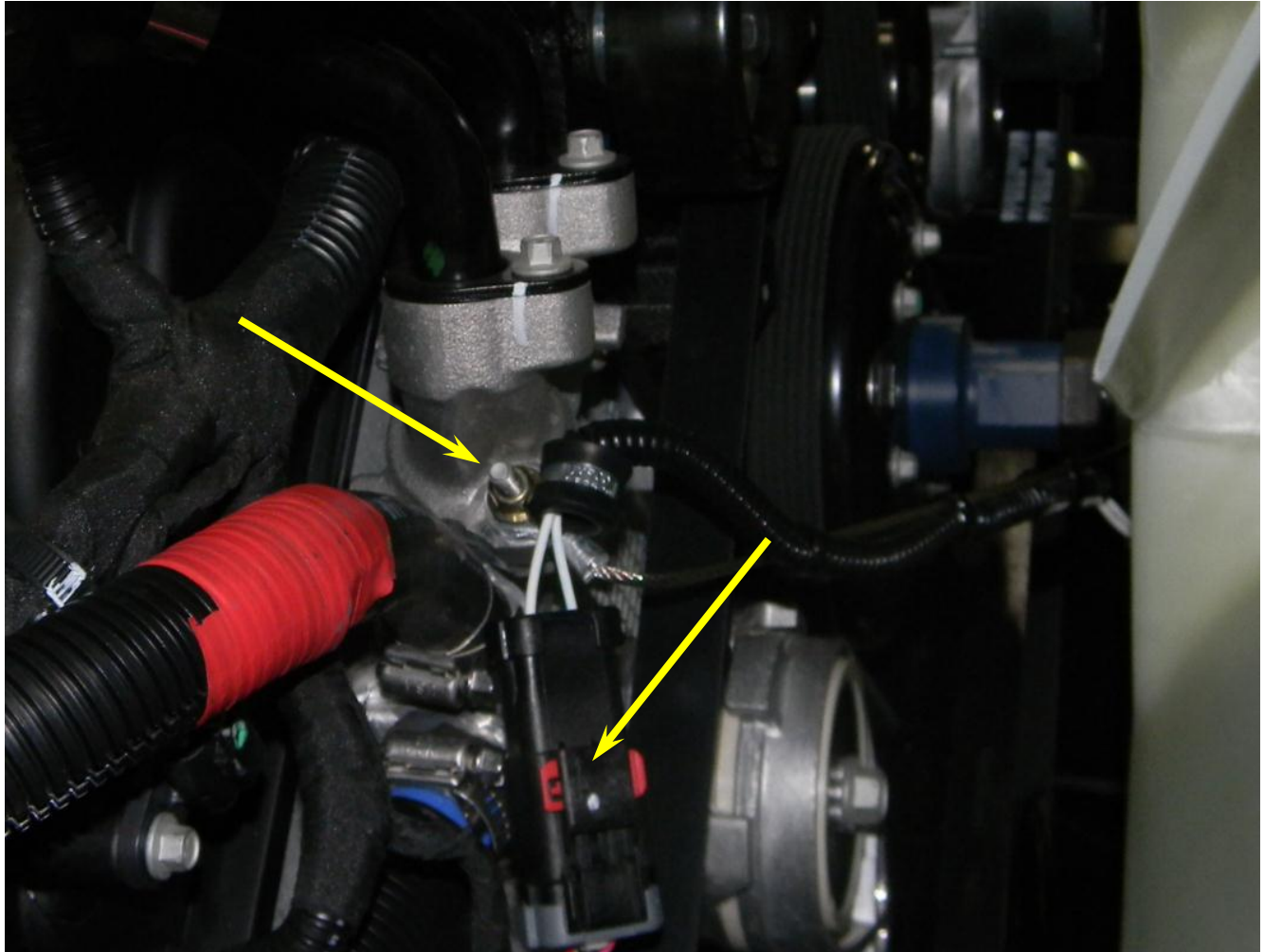
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9. After torquing the clutch nut, attach the clutch retaining cable and the clutch wiring harness clamp to the stud provided on the engine block on the driver side just above the drive belt. Torque the nut to 8 ft.-lbs.
10. Plug the clutch harness into the mating engine harness plug located at the retaining strap stud on the engine.



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