



Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2010-2017	All	All	All	All

Condition

87 16 21 October 13, 2016, **2043893** Supersedes Technical Bulletin V871605 dated May 25, 2016 to update model years.

Robinair® Printout / A/C Compressor Replacement

The A/C Compressor has been diagnosed as faulty and will be replaced under warranty.

Technical Background

When performing replacement of an A/C Compressor under warranty, the amount of A/C refrigerant and PAG oil recovered must be documented.

Production Solution

Not applicable.



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Service

Use the Robinair® A/C Service Unit to create a printed-out report showing the amount of refrigerant and oil recovered.

 **Note:**

This report must be submitted with the defective A/C compressor for reimbursement.

Follow the steps below:



Figure 1: Date and time screen.

1. Ensure that the A/C service unit shows the correct date and time (Figure 1). If the date and time are incorrect, use the menu to program the correct date and time before proceeding.

2. Connect the A/C service unit to the vehicle.



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Figure 2: System recover process.

3. Perform a recovery of the system
(Figure 2).



Figure 3: Amount of refrigerant recovered (A), and amount of oil drained (B).

4. Record values for RECOVERED and OIL DRAINED (Figure 3) on the repair order



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5. Immediately after recovery, select the Print button (Figure 4).

Figure 4: Location of the Print button.



6. When the SELECT PRINT TYPE screen opens, use the keypad to select 2) RECOVER CHARGE

(Figure 5).

Figure 5: Selecting a print type.



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Figure 6: Enter VIN screen.

7. On the next screen, use the keypad enter the last 8 digits of the VIN then press the START/YES key (Figure 6).



Figure 7: Enter license plate screen.

8. The next screen will request the license plate (Figure 7). Entering the license plate is not necessary. Press the START/YES key to continue.



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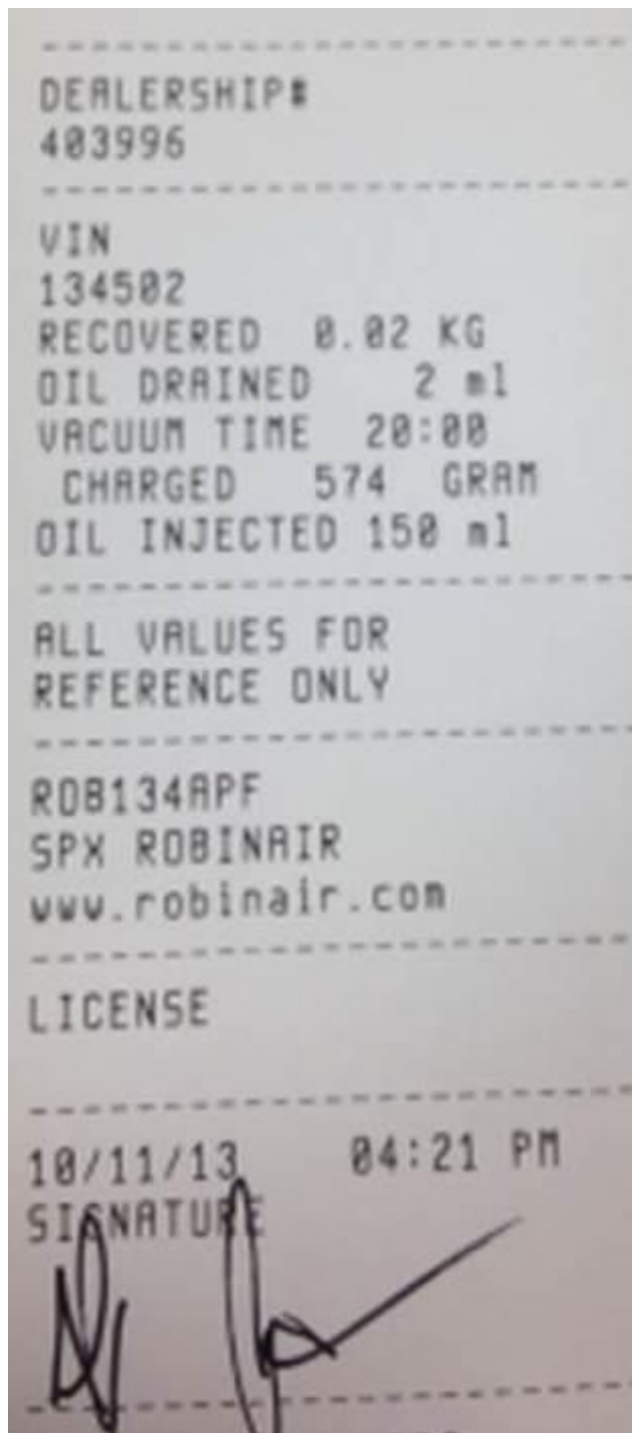


Figure 8: Print Out Example

9. The A/C service unit will create a printed report (Figure 8). Send the printed report with the defective A/C compressor. Package the defective compressor in empty packaging from the replacement compressor.



Note:

The printed report should always have the date before the compressor was replaced, the VIN and the amount of refrigerant and oil recovered. Flush procedure prints should also be provided but not substituted for the recovery documentation.



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Warranty

This technical service bulletin is informational only.

Required Parts and Tools

No special parts required.

Tool Description	Tool No:
Robinair A/C Service Unit	ROB134APF

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.

Document Control Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2043893/3	10/13/16	V871621	Update model year applicability.
2043893/1	5/25/16	V871605	Original publication.