

Technical Service Bulletin



87 A/C compressor replacement

87 13 46 2035582/1 October 21, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All	2009 - 2014	All	Not Applicable

Condition

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 refrigerant and oil recovered must be documented.

Production Solution

Not applicable.

Service

Use the Robinair A/C Service Unit to create a printed-out report showing the amount of refrigerant and oil recovered. This report must be submitted with the defective A/C compressor. Follow the steps below:

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.



Figure 1. Date and time screen.

2. Connect the A/C service unit to the vehicle.
3. Perform a recovery of the system (Figure 2).



Figure 2. System recover in progress.

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



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

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



Figure 4. Location of the Print button.

- When the SELECT PRINT TYPE screen opens, use the keypad to select **2) RECOVER CHARGE** (Figure 5).

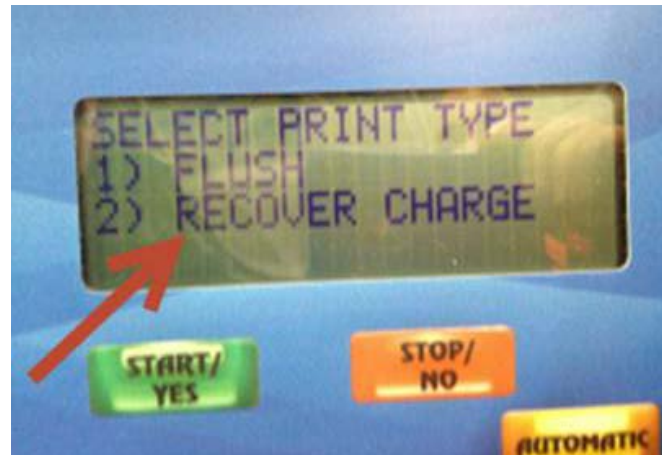


Figure 5. Selecting a print type.

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



Figure 6. Enter VIN screen.

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



Figure 7. Enter license plate screen.

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- 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.

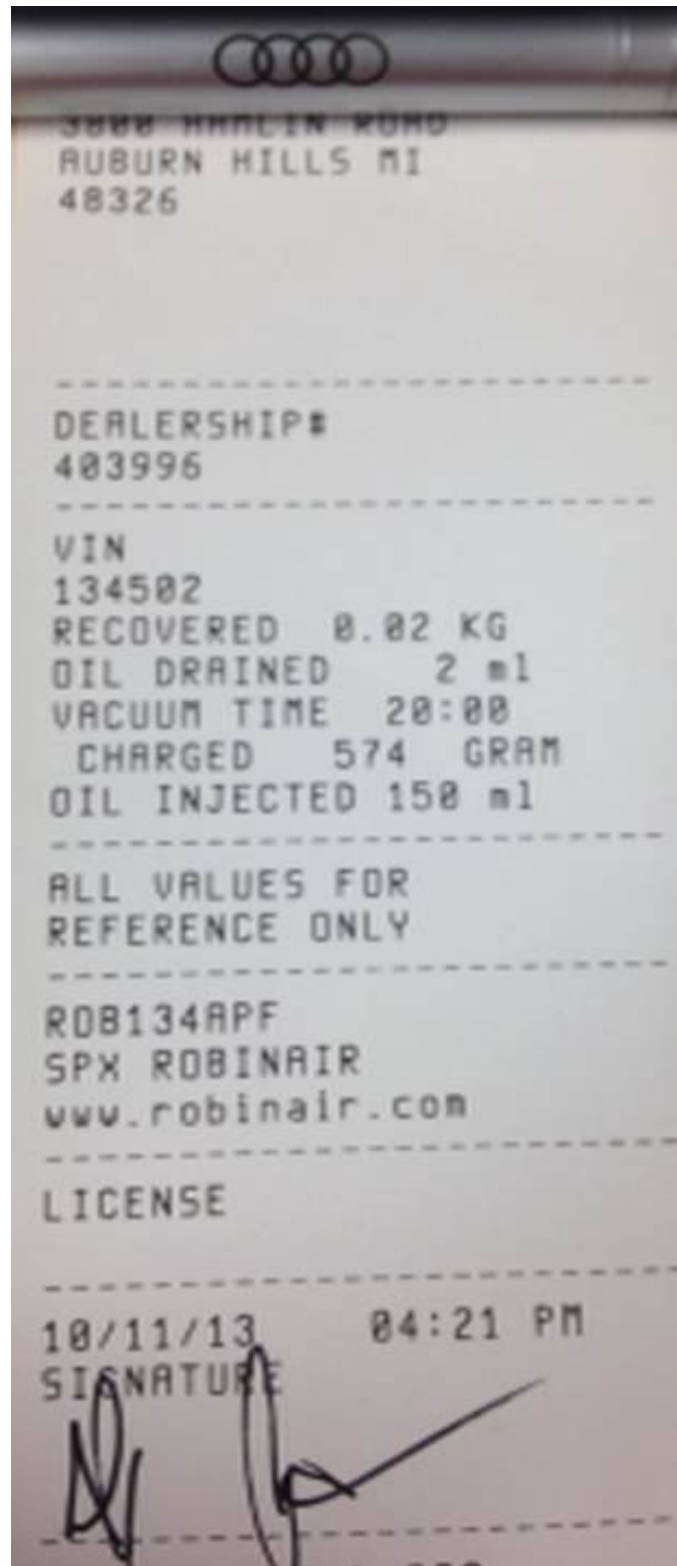


Figure 8. Printed report.

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Warranty

This TSB is informational only and is not applicable to any Audi warranty.

Required Parts and Tools

Tool Number	Tool Description	Quantity
ROB134APF	Robinair A/C Service Unit	1

Additional Information

All parts and service references provided in this TSB (2035582) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.