



**NUMBER:** 24-008-05

**GROUP:** Heating & Air  
Conditioning

**DATE:** May 26, 2005

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**SUBJECT:**

ATC Module - Temperature Control Knob Values Are Not In Celsius

**OVERVIEW:**

This bulletin involves inspection of the HVAC automatic temperature control (ATC) module face plate and replacement of the ATC module if the temperature control units displayed on the face plate are incorrect for the respective International market.

**MODELS:**

2005 (WK) Grand Cherokee (International Market Only - JNAP Built)

**NOTE: This bulletin applies to vehicles built to U.S. specifications (sales code YAA) for the International market, equipped with a metric instrument cluster and ATC module (sales codes JDH and HAF respectively), and built prior to May 22, 2005 (MDH 0522XX).**

**SYMPTOM/CONDITION:**

The customer may notice that the temperature units displayed around the ATC temperature control knobs are not in metric units (Celsius). An incorrect ATC may have been installed with a face plate that displays U.S. standard temperature units (Fahrenheit) at the temperature control knobs.

**DIAGNOSIS:**

1. Determine if the sales codes for the vehicle in question include the following three specific sales codes: YAA, JDH, and HAF (U.S. specification, metric instrument cluster, and automatic temperature control respectively).
2. If the vehicle is sold in one of the International markets that specifies sales codes YAA, JDH, and HAF, and the temperature units around the ATC temperature control knobs are not in metric units, then perform the Repair Procedure.

**NOTE: This bulletin does not apply to vehicles equipped with a MANUAL temperature control module.**



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**PARTS REQUIRED:**

Qty.	Part No.	Description
1	55111011AF	Automatic Temperature Control - Metric

**REPAIR PROCEDURE:**

1. Place the ignition switch in the OFF position.
2. Disconnect and isolate the negative battery cable from the battery.
3. Remove the radio bezel and hood.
4. Remove the shifter bezel ring and bezel.
5. Remove the center bezel from the instrument panel. Disconnect electrical connections.
6. Protect the center bezel face. Place center bezel face down on a workbench.
7. Remove the old ATC module from the back of the center bezel (6 screws).
8. Install the new ATC module to the center bezel. Tighten screws to 8.1 Nm (6 ft. lbs.).
9. Inspect the face of the center bezel. Verify that the new ATC module and switch banks are correctly positioned to the bezel.
10. Connect electrical connections to the center bezel components and install the center bezel to the instrument panel.
11. Install the shifter bezel and bezel ring.
12. Install the radio hood and bezel.
13. Rotate the Mode Control knob to the PANEL position on the ATC.
14. Rotate the Fan Speed knob to the HIGH fan speed position on the ATC.
15. Connect the negative battery cable to the battery.
16. Turn the ignition switch to the "ON" position.
17. Allow the new ATC module time to initialize. This may take approximately one minute.
18. Set the clock to the correct time.
19. When air is being delivered from the panel ducts at high speed, the ATC module has completed initialization.
20. Verify that the ATC operates correctly in all modes and fan speeds.
21. Turn the ignition switch to the "OFF" position.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Amount
24-50-10-92	Replace ATC Module	0.3 Hrs.

**FAILURE CODE:**

0X	Wrong Part
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