



Display all the vehicle temperature sensors

Diagnostic procedure to display readings from various temperature sensors throughout the vehicle.

Written By: David Spalding

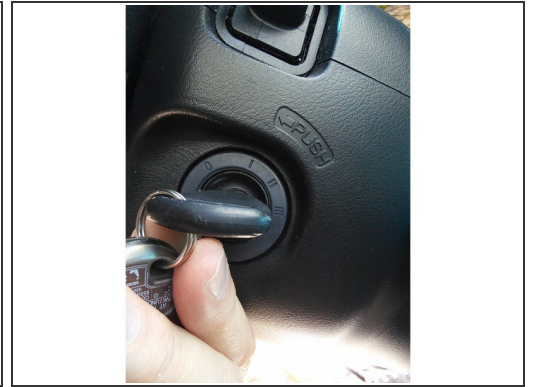


INTRODUCTION

This describes a diagnostic test for Acura technicians investigating ... well, issues with the climate control, or other sensors. Value to the owner/operator = minimal. But it's fun to try out.

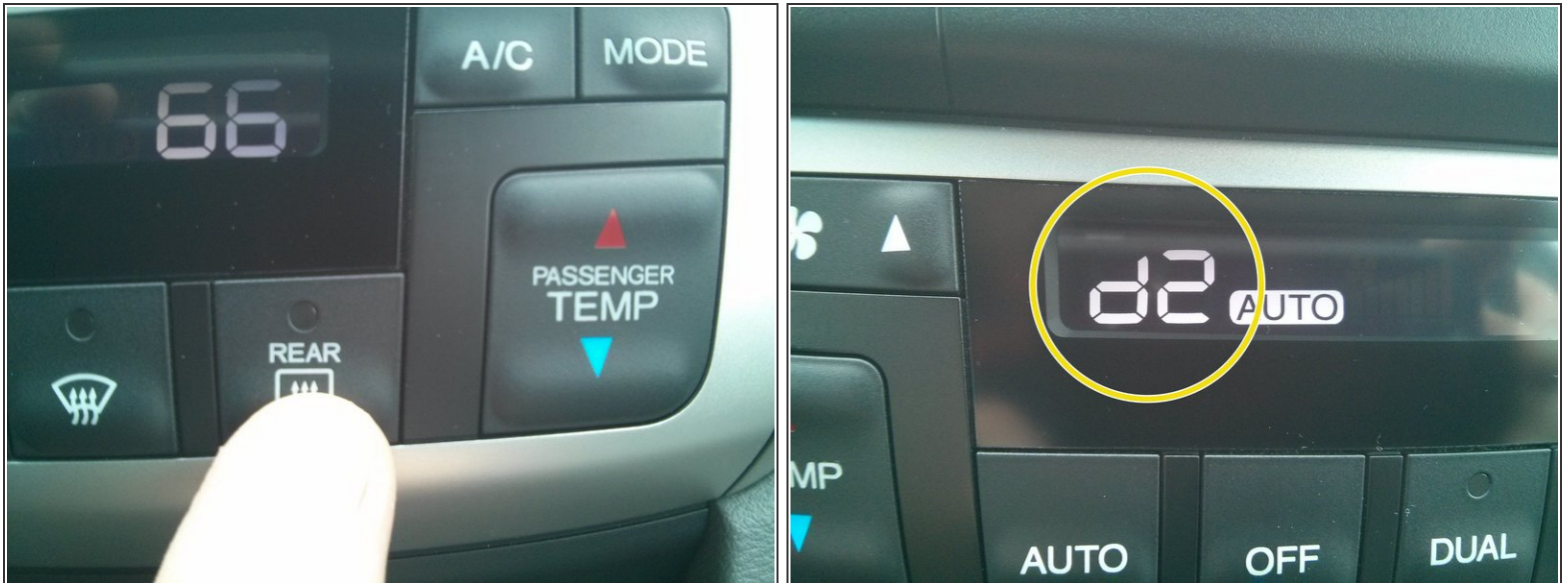
Let's have at it.

Step 1 — Display all the vehicle temperature sensors



- Insert the key in the ignition.
- On the heating/cooling control, press and hold the AUTO and DUAL buttons.
- Turn the ignition key to Start (III) to start the vehicle normally. (The key returns to the ON (II) position after starting.)
- Sensor values start displaying on the climate control display.

Step 2



- Cycle through the displayed values with the REAR DEFROSTER button. The code for display displays in the left (Driver's temp) segment, alternating the code number and the value.
 - 1. In-car temperature in Celsius.
 - 2. Ambient temperature in Celsius.
 - 3. Solar radiation sensor: Dark=00, flashlight=04, cloudy=10, sunny=65.
 - 4. Engine coolant temperature.
 - 5. Evaporator outlet temp in Celsius.
 - 6. Driver's air mix opening (% of opening).

Step 3



- 7. Passenger's air mix opening.
- 8. Vehicle speed in Km/h.*
 - ⓘ *2004-2005 model year. Later years shows 00 for 0-9 Km/h, 01 for 10-19 Km/h, etc.
- 9. Vent air out temperature.

More information on diagnostic tests and self-repair can be found here on iFixit, and tsx.acurazine.com.