UNI-SELECT

INSPECTION

TEMPERATURE CONTROL

Franklin Auto Repair

Technicians With Integrity

STEP 1 UPON PICKUP

- ☐ Insert thermometer in an air outlet in the middle of the dashboard.
  Select coldest setting.

  (Turn off the engine once the vehicle is indoors.)

STEP 2 MODE CONTROL AND VENTILATING FAN SPEED

- ☐ Air distribution mode
  - › Windshield
  - › Dashboard
  - › Floor
  - › Mixed
- ☐ Ventilating fan speed and airflow
  - › Ventilating fan speed progression
  - › Airflow increase at exits
  - › Air temperature according to thermometer
- ☐ Air temperature control
  - › Coldest setting
  - › Hottest setting
- ☐ *If vehicle is equipped with a rear A/C system*
  - › Ventilating fan progression
  - › Airflow increase at rear exits
  - › Coldest setting
  - › Hottest setting

STEP 3 UNDER THE HOOD, ENGINE OFF

- ☐ Install pressure gauges.
  - › High pressure
  - › Low pressure

Make sure the engine has cooled down sufficiently before moving on to the next step.

STEP 4 COOLING SYSTEM

- ☐ Radiator pressure cap – Pressure:

  Suggested pressure:
- ■ LEAK CHECK – *With coloring*
  - › If systems contain coloring, check for leaks using UV light.
- ■ LEAK CHECK – *Without coloring*
  - › Check for leaks or seepage on pipes and other components.
  - › Adjust pressure to recommended value and move on to the next step.
- ☐ Radiator / Condenser
- ☐ Accessory belt
- ☐ Belt idler
- ☐ Pipes, tubes, and other couplings
- ☐ Overflow tank level

STEP 4 COOLING SYSTEM - CONTINUED

- ☐ Compare resulting pressure to initial pressure.

  Same: Lower*:

  **If pressure has decreased, find the leak.*

  Comments:
- ☐ Cooling fluid – pH:

  Density: (-37 °C to -42 °C)
- ☐ Radiator and condenser
  - › Radiator and condenser condition
  - › Obstacles preventing airflow
  - › Fan shroud condition

STEP 5 UNDER THE HOOD, ENGINE AND A/C RUNNING

- ☐ Compressor – Noise and/or vibration
- ☐ Pressure – High (Psi):

  Low (Psi):
- ☐ Condenser fan
  - › Noise/vibration
  - › Obstacles to airflow
  - › Fan shroud condition

STEP 6 MISCELLANEOUS (follow carmaker's recommendations)

- ☐ Drier condition
- ☐ Rad flush

  Suggested KM:
- ☐ Cooling fluid replacement

  Suggested KM:

LEGEND:

☑ VERIFIED N/A: Not applicable ● MAINTENANCE ● REPAIR

TECHNICIAN: _____

Be Car Care Aware