



### NEED TO CHECK FOR A2L COMPLIANCE



#### Recovery Machine

Must be A2L and non-sparking.

Should be listed as compatible with A1 and A2L.

*Function: Removes refrigerant (liquid vapor) from system.*



#### Vacuum Pump

Vacuum pumps must be spark free.

Should be listed as compatible with A1 and A2L.

*Function: Removes air, moisture, and residual refrigerant from a system.*



#### Manifold (Digital or Analog)

A2L refrigerants have similar operating pressures as R-410A, but saturation pressures are different. Models should include R-32 and/or R-454B refrigerants on gauges.

Digital manifolds may be updated to work with new refrigerants.



Separate analog manifolds, gauges, and hoses should be used for A1 and A2L refrigerants.

*Function: Measures pressures and temperatures, calculates superheat, subcooling, saturation.*



#### Leak Detector

Need to be listed as compatible with A2L.

Electronic leak detectors must be sealed to prevent spark exposure. Once a leak is detected, use a leak detection kit or spray-on bubbles to find the exact location of the leak.



Tools that DO touch the refrigerant circuit **MUST BE** non-sparking (or “spark free”) and **SHOULD BE** compatible with HFOs and rated for A2Ls.

Tools that DO NOT touch the refrigerant circuit, including non-electric hand tools, as well as access valves and valve core removal tools, are generally compatible with both A1 and A2L systems.

### A2L TOOL CHECKLIST

- Recovery Machine
- Vacuum Pump
- Manifold or New Gauges
- Manifold Hoses
- Leak Detector
- Reverse-Thread Tank Adapters
- A2L Recovery Tank
- A2L Tank Stickers

#### LEARN MORE ABOUT A2Ls

Resources for you to be informed >

[ChadwellSupply.com/A2L](https://ChadwellSupply.com/A2L)



### STOP NEED TO HAVE



#### Reverse-Thread Tank Adapters

A2L refrigerant tanks are reverse (left-hand) threaded.

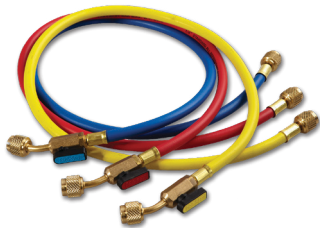
As an extra safety precaution, A2L tanks require adapters in order to connect some hoses and equipment.



#### A2L Recovery Tank

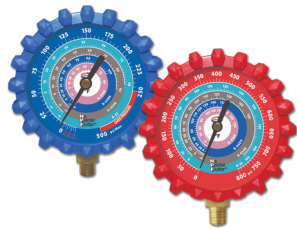
Should be a gray tank, with yellow top and red stripe.

Reverse (left-hand) threaded.



#### Manifold Hoses (Recommended)

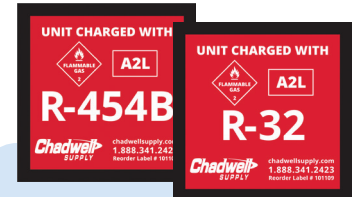
Designated hose sets are recommended for each refrigerant to minimize the risk of cross-contamination.



#### Replacement Manifold Gauges

If you choose not to replace your manifold, replace the gauges with ones that include R-32 and/or R-454B refrigerants.

Separate manifolds are recommended for each refrigerant to minimize the risk of cross-contamination.



#### Refrigerant Stickers

Required to identify A2L refrigerant and clearly label system equipment and recovery tanks with the charged refrigerant.

### GO NO CHANGE



#### Charging Scale

Measures weight of recovery cylinders. Transition to A2L refrigerants does not affect scales.



#### Leak Detection Kit

Find leaks fast with this convenient leak detection kit. Use of these kits is not impacted by A2Ls.



#### Hand Tools

Transition to A2L refrigerants does not affect hand tools that do not touch the refrigerant circuit.

This includes non-electric tools, as well as access valves and valve core removal tools.