

ANSWER KEY TO CHALLENGE SHEET

REFRIGERANT HANDLING EQUIPMENT DIAGNOSIS CHALLENGE

Customer's Concern: Air conditioner blows warm air. Customer noticed oil stains on the compressor. She wants compressor replaced. You agree with her diagnosis that the compressor is leaking. After the compressor has been replaced, you attempt to recharge the system, but the charging station will not dispense the refrigerant.

Customer Vehicle: Toyota Camry.

Possible Causes of This Challenge:

1. Machine not plugged in.
2. Shut-off valves not open.
3. Improper charge amount has been input into machine.
4. Machine is out of refrigerant.
5. Desiccant filter saturated with moisture, causing machine to shut down.

Safety First Practices to Follow:

1. Wear safety goggles when working with refrigerant.
2. Avoid getting refrigerant in eyes or on skin; it can cause frostbite.

Tools and Equipment Required:

1. Refrigerant recovery machine.