

REFRIGERANT HANDLING EQUIPMENT DIAGNOSIS CHALLENGE

NATEF Standard(s) for Heating & Air Conditioning:

E1 Perform correct use and maintenance of refrigerant handling equipment.

Directions: Read the challenge below and then list (1) possible causes, (2) Safety First Practices, and (3) Tools and Equipment Required if a technician were to perform a Quick ✓ Check.

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. _____
2. _____
3. _____
4. _____
5. _____

Safety First Practices to Follow to Quick ✓ Check This Challenge:
1. _____
2. _____
3. _____
4. _____

Tools and Equipment Required to Quick ✓ Check This Challenge:
1. _____
2. _____
3. _____
4. _____
5. _____