

ANSWER KEY TO CHALLENGE SHEET

A/C COMPRESSOR CHALLENGE

Customer's Concern: While sitting in traffic, I heard a loud squealing noise. My A/C stopped blowing cold air a minute later. I looked under the hood and noticed a belt was broken.

Customer Vehicle: Pontiac Sunbird.

Possible Causes of This Challenge:

1. Belt failure due to age.
2. Belt failure due to compressor seizure.
3. Belt failure due to compressor clutch seizure.

Safety First Practices to Follow:

1. Wear safety glasses at all times.
2. Follow all safety rules when using hand tools.

Tools and Equipment Required:

1. Hand tools.
2. A/C recovery and charging station.
3. Compressor service tools.