

# GENERAL ENGINE DIAGNOSIS CHALLENGE 4

**NATEF Standard(s) for Engine Performance:**

**A6** Diagnose abnormal engine noise or vibration concerns; determine necessary action.

**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
The engine makes a very loud noise when it is running. It sounds like a tractor. <b>Customer Vehicle:</b> Chevrolet Malibu

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