

ANSWER KEY TO CHALLENGE SHEET

CHARGING SYSTEM CHALLENGE 2

Customer's Concern: The charge indicator light flickers a lot when the engine is running.

Customer Vehicle: Ford Focus.

Possible Causes of This Challenge:

1. Intermittent voltage regulator problem.
2. Intermittent generator problem.
3. Intermittent problem in charge light wiring circuit.

Safety First Practices to Follow:

1. Wear safety glasses at all times.
2. Always connect the vehicle exhaust system to a vent hose in a closed shop.
3. Make sure vehicle is in Park or Neutral and parking brake is applied before running engine.
4. Follow manufacturer's instructions when using test equipment.

Tools and Equipment Required:

1. Hand tools.
2. Appropriate charging system tester.
3. Digital multimeter.