



# SOUTH CAROLINA DEPARTMENT OF EDUCATION - TRANSPORTATION ELECTRICAL SYSTEM DATA SHEET -- GASOLINE ENGINES

BUS #: \_\_\_\_\_ ODOMETER \_\_\_\_\_

## BATTERY

- 1. BATTERY VOLTAGE \_\_\_\_\_
- 2. LOAD TEST VOLTAGE (MIN. 9.6 VOLTS) \_\_\_\_\_

REPAIRS: \_\_\_\_\_

## STARTER SYSTEM

- 1. INSULATED CIRCUIT VOLTAGE DROP \_\_\_\_\_
- 2. GROUND CIRCUIT VOLTAGE DROP \_\_\_\_\_
- 3. STARTER CURRENT DRAW \_\_\_\_\_

REPAIRS: \_\_\_\_\_

## CHARGING SYSTEM

- 1. REGULATED VOLTAGE \_\_\_\_\_
- 2. DIODE / STATOR TEST \_\_\_\_\_
- 3. INSULATED CIRCUIT VOLTAGE DROP \_\_\_\_\_
- 4. GROUND CIRCUIT VOLTAGE DROP \_\_\_\_\_
- 5. TOTAL ALTERNATOR OUT-PUT \_\_\_\_\_
- 6. TOTAL SYSTEM CURRENT DRAW \_\_\_\_\_
- 7. DIFFERENCE BETWEEN OUT-PUT & DRAW \_\_\_\_\_

REPAIRS: \_\_\_\_\_

## IGNITION SYSTEM

- 1. PRIMARY CIRCUIT VOLTAGE \_\_\_\_\_
- 2. BY-PASS CIRCUIT VOLTAGE \_\_\_\_\_

REPAIRS: \_\_\_\_\_

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TECHNICIAN'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_