



WORKSHEET 5-1

Charging System Components

Worksheet Objectives

When you have completed this worksheet, you will be able to identify and name the components that make up the charging system.

Tools and Equipment

For this exercise you will need the following:

- Technician's Handbook
- Highlighter or colored pen/pencil (red or pink for power, green for ground)
- EWD
- Repair Manual

Exercise 1: Identifying and Naming Components

Refer to the charging system diagram in Fig. 5W1-1. Match the numbers on the drawing to the correct component names below:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

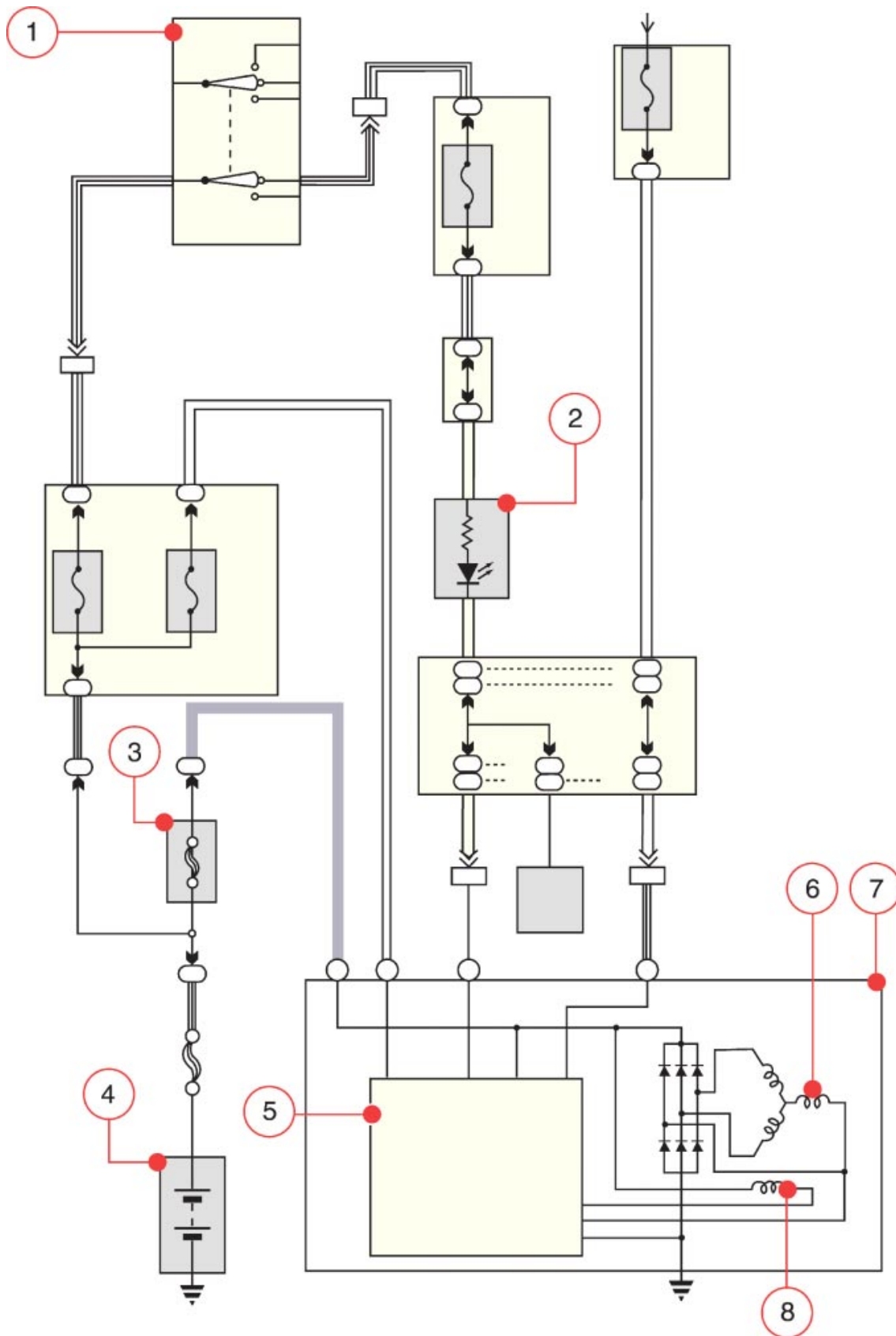


Fig. 5W1-1
TL623f001c-5W1

Exercise 2: Current Flow - Alternator Output Voltage Low

Refer to the charging system diagram in Fig. 5W1-2. Use a highlighter or colored pen (red or pink for power, green for ground) to trace current flow. Assume that the voltage regulator has detected alternator output voltage is low.

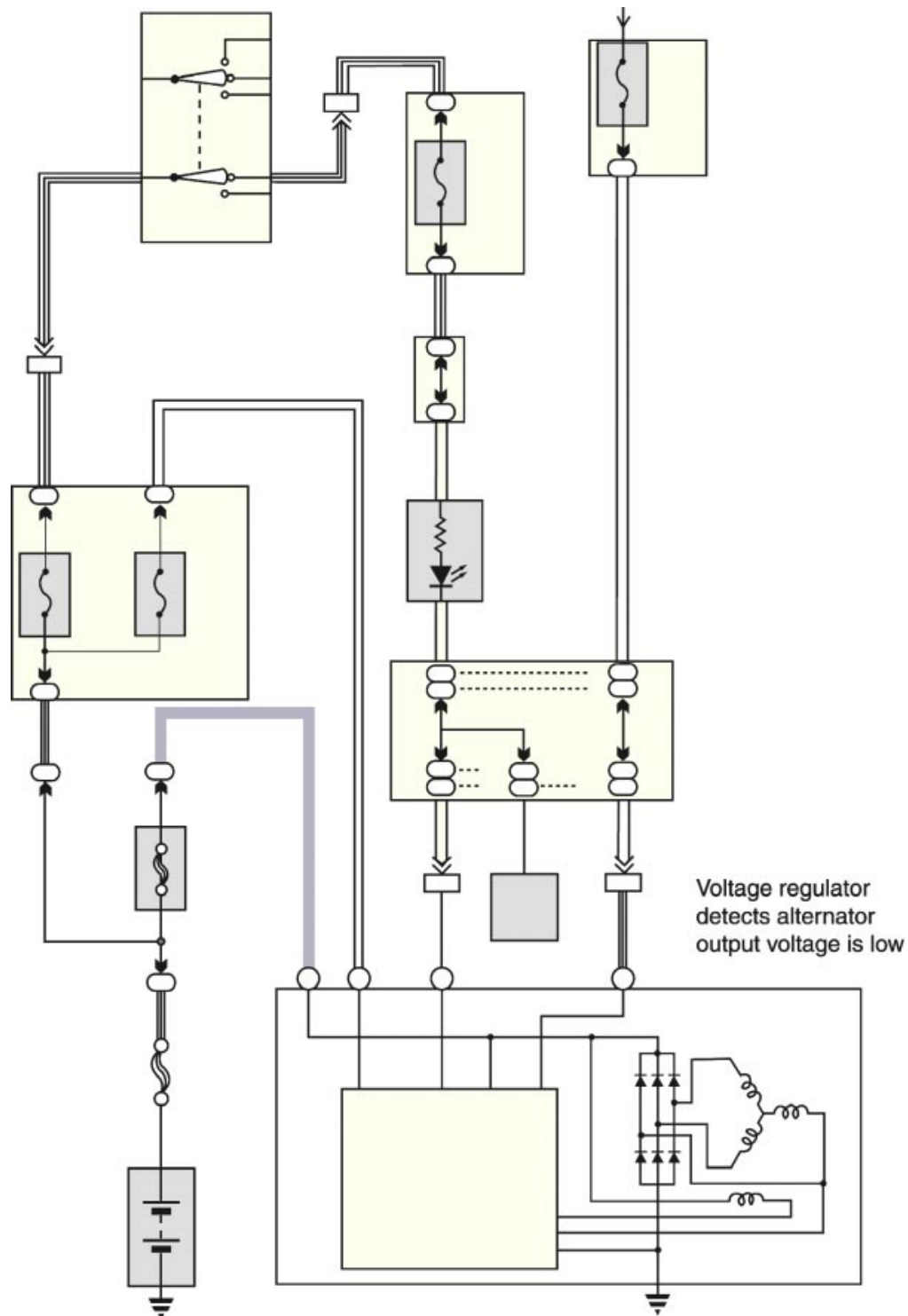


Fig. 5W1-2
TL623f002c-5W1

Exercise 3: Current Flow - Alternator Output Voltage High

Refer to the charging system diagram in Fig. 5W1-3. Use a highlighter or colored pen (red or pink for power, green for ground) to trace current flow. Assume that the voltage regulator has detected alternator output voltage is high.

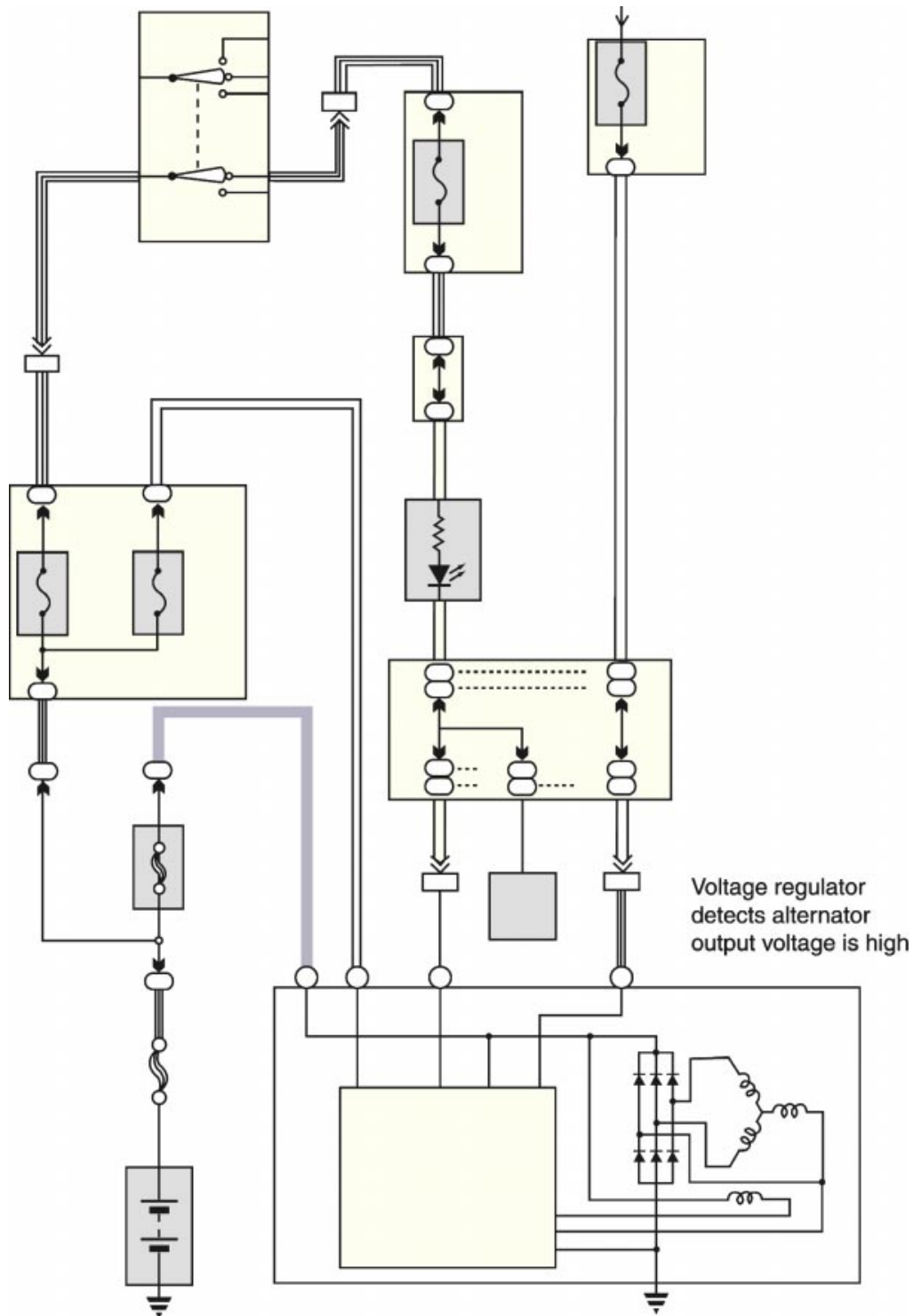


Fig. 5W1-3
TL623f003c-5W1

Charging System Components

Name: _____ Date: _____

Review this sheet as you are doing the Charging System Components worksheet. Check each category after viewing the instructor’s presentation and completing the worksheet. Ask the instructor if you have questions regarding the topics provided below. Additional space is provided under topic for you to list any other concerns that you would like you instructor to address. The comments section is provided for your personal comments, information, questions, etc.

I have questions

I know I can

Topic	Comment		
Identify Components			
Trace Current Flow			



Notes