



## WORKSHEET 2-4 Solving Problems in a Series-Parallel Circuit

### Worksheet Objectives

In this worksheet you will assemble a series-parallel circuit. When you have completed this worksheet, you will have explained what can occur when circuit problems are present.

### Tools and Equipment

For this exercise you need the following:

- Electrical simulator
- Digital multimeter (DMM)

### Exercise

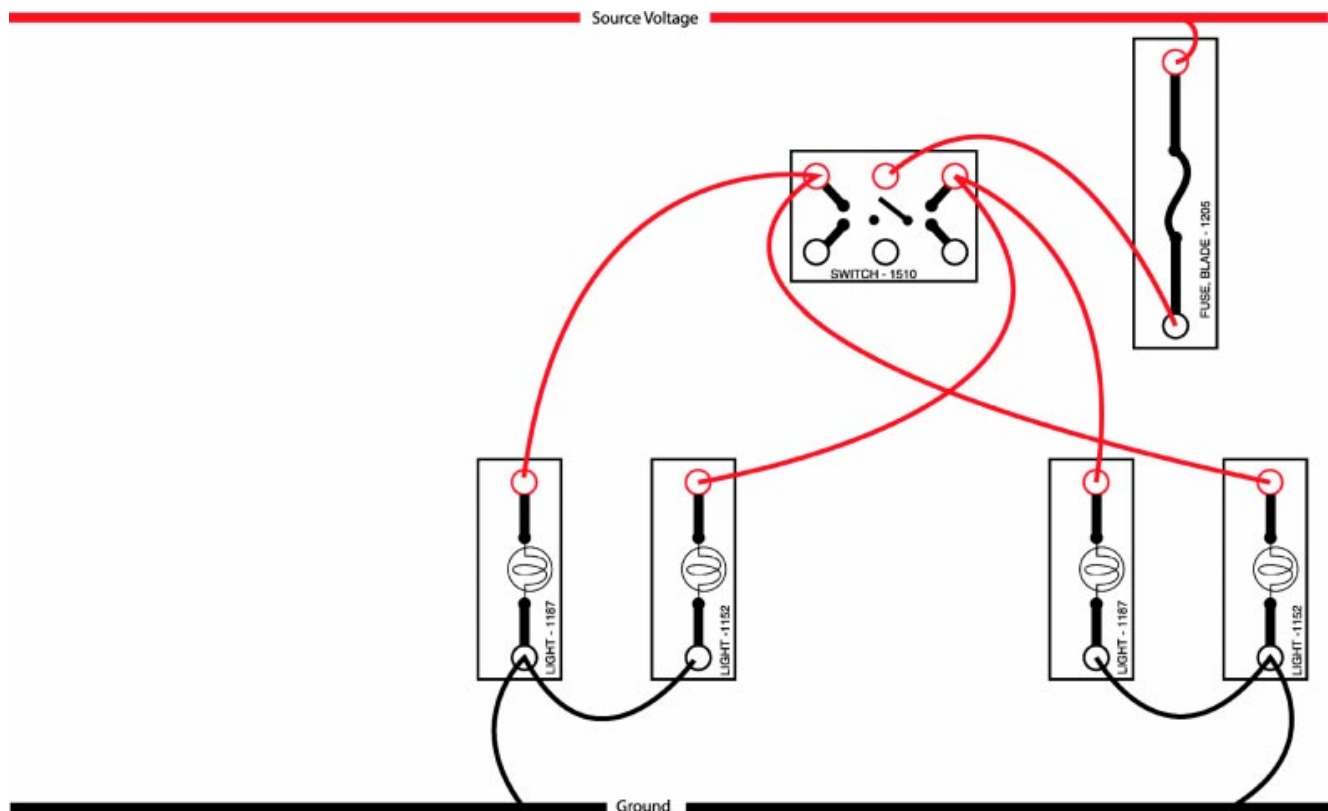


Fig. 2W4-1  
TL623f001c-2W4

1. Assemble the series-parallel circuit shown above.
2. Turn on the power supply and verify the circuit operates correctly.

3. Create an open in the circuit as shown above.
4. How does the circuit function with the open?

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Resistance: \_\_\_\_\_



**2W4-2**      **TOYOTA** Technical Training

# Solving Problems in a Series-Parallel Circuit

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Review this sheet as you are doing the Solving Problems in a Series-Parallel Circuit 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		
Circuit Function			
Voltage Function			
Current Function			
Resistance Function			



## Notes