



WORKSHEET 2-6

Tracing Current

Worksheet Objectives

When you have completed this worksheet, you will be able to:

- Trace current in any Toyota wiring diagram.
- Predict available voltage at specified points in a circuit.

Tools and Equipment

For this exercise you will need the following:

- Technician's Handbook
- Red pen or pink highlighter
- Green pen or highlighter
- EWD

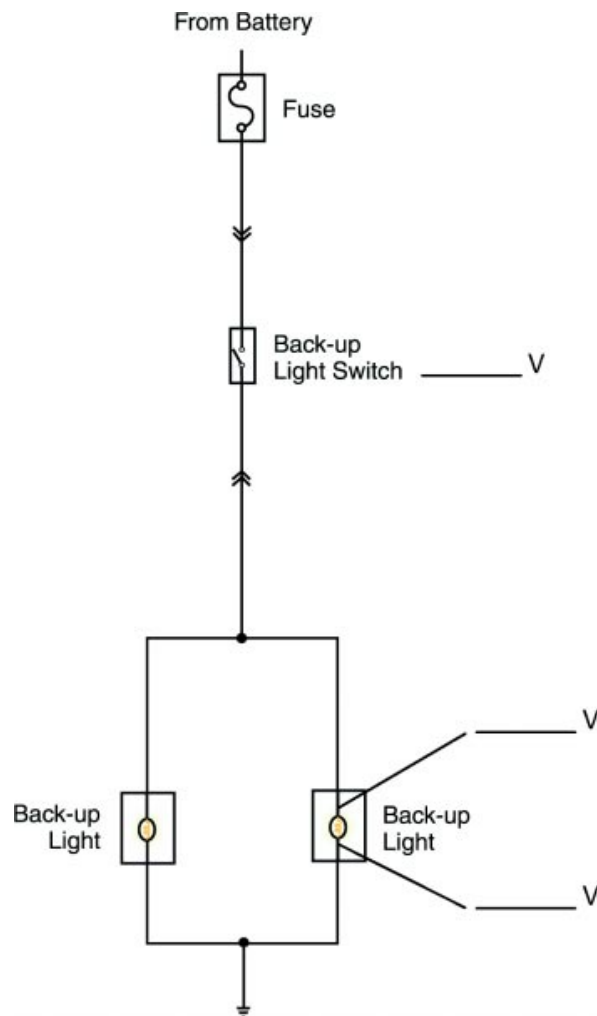


Fig. 2W6-1
TL623f001c-2W6

Exercise 1: Tracing Current Flow

In the back-up lights circuit above:

- Use a red pen or pink highlighter to trace current in the positive (source) side of the circuit.
- Use a green pen or highlighter to trace current in the negative (ground) side of the circuit.
- Analyze the circuit to predict available voltage at the back-up lights switch and at the right back-up lamp. Write those values on the wiring diagram.

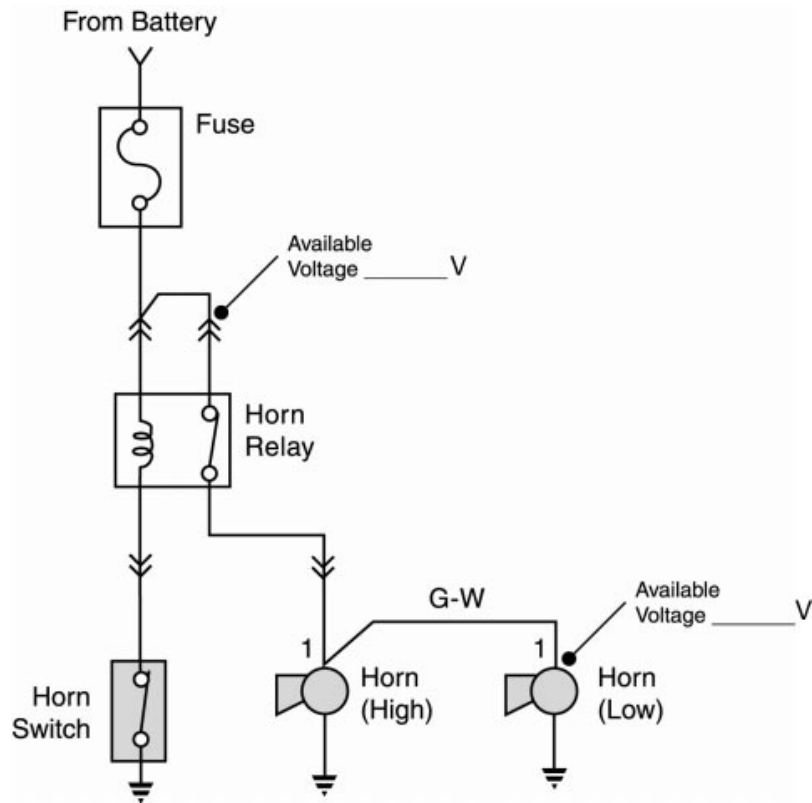


Fig. 2W6-2
TL623f002-2W6

Exercise 2: Tracing Current

In the Horn circuit above:

- Use a red pen or pink highlighter to trace current in the positive (source) side of the circuit.
- Use a green pen or highlighter to trace current in the negative (ground) side of the circuit.

Analyze the circuit to predict available voltage at the horn relay connector and at the low horn lamp. Write those values on the wiring diagram.



Exercise 3: Tracing Current

In the fog lights circuit on the previous page:


- Use a red pen or pink highlighter to trace current in the positive (source) side of the circuit.
- Use a green pen or highlighter to trace current in the negative (ground) side of the circuit.

Analyze the circuit to predict available voltage at the fog light relay and at the right hand fog lamp. Write those values on the wiring diagram.

Tracing Current

Name: _____ Date: _____

Review this sheet as you are doing the Tracing Current 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 questionsI know I can**Topic****Comment**

Trace Current Flow			
Predict Available Voltage			