



WORKSHEET 2-5

Electrical Symbols

Worksheet Objectives

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

- Identify electrical symbols used in Toyota wiring diagrams.
- Know where in the EWD manual to find unfamiliar electrical symbols.

Tools and Equipment

For this exercise you will need the following:

- Technician's Handbook
- Pen or pencil
- EWD

Exercise 1: Identifying Electrical Symbols

Use the diagram in Figure 2W5-1 to complete these activities:

- Write the names of the symbols in the blank spaces provided on the diagram.
- Identify whether switch and relay contacts are open or closed. Write your answer on the diagram.
- Fill in the correct term for the question about transistor current.
- Determine whether the crossing wires are connected or not connected. Write your answer on the diagram.

NOTE Use the TIS or the How to Use This Manual section of an electrical wiring diagram book to look up any symbols you do not know.

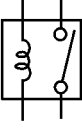
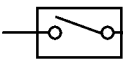

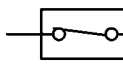

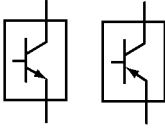
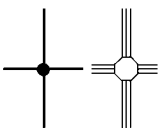
 <p>_____ (Symbol Name)</p> <p>Contact is normally _____ (open / closed)</p>	 <p>_____ (Symbol Name)</p> <p>Contact is normally _____ (open / closed)</p>
 <p>_____ (Symbol Name)</p>	 <p>_____ (Symbol Name)</p> <p>Contact is normally _____ (open / closed)</p>
 <p>_____ (Symbol Name)</p>	 <p>_____ (Symbol Name)</p> <p>Stops or passes current, depending on the voltage applied to the _____</p>
 <p>_____ These wires are: <input type="checkbox"/> Connected <input type="checkbox"/> Not connected</p>	

Fig. 2W5-1
TL623f001-2W5

Electrical Symbols

Name: _____ Date: _____

Review this sheet as you are doing the Electrical Symbols 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 Electrical Symbols			



Notes