

WIRING DIAGRAM

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CHAPTER 1 INTRODUCTION

E1

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CHAPTERS OF THIS SECTION

This section consists of the following 6 chapters:

Chapter 1 INTRODUCTION	Gives brief explanation of each chapter, provides instructions on how to use this manual, and defines the abbreviations used in the electrical circuit diagrams.
Chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS	Electrical wiring routings show installation positions, ground points, connector numbers, and part names related to wire harnesses, connectors, relay blocks and junction blocks used in the forklift, such as in the engine room, instrument panel and mast area. Relay locations show design drawings and internal circuit diagrams related to relays, relay blocks (R/B), junction blocks (J/B), fusible links (F/L) and junction connectors (J/C).
Chapter 3 SYSTEM CIRCUITS	Show power supply circuit diagrams and wiring diagrams for each system, such as the engine. (Only wiring information for complete circuits is shown.)
Chapter 4 GROUND POINTS	Show related systems for each ground point.
Chapter 5 FUSES FOR POWER SUPPLY	Show power distribution from each power supply (fuse or fusible link) to various systems.
Chapter 6 CONNECTOR LIST	Shows shapes and part numbers of connectors used in electrical wiring routings and electrical wiring diagrams.

INTRODUCTION

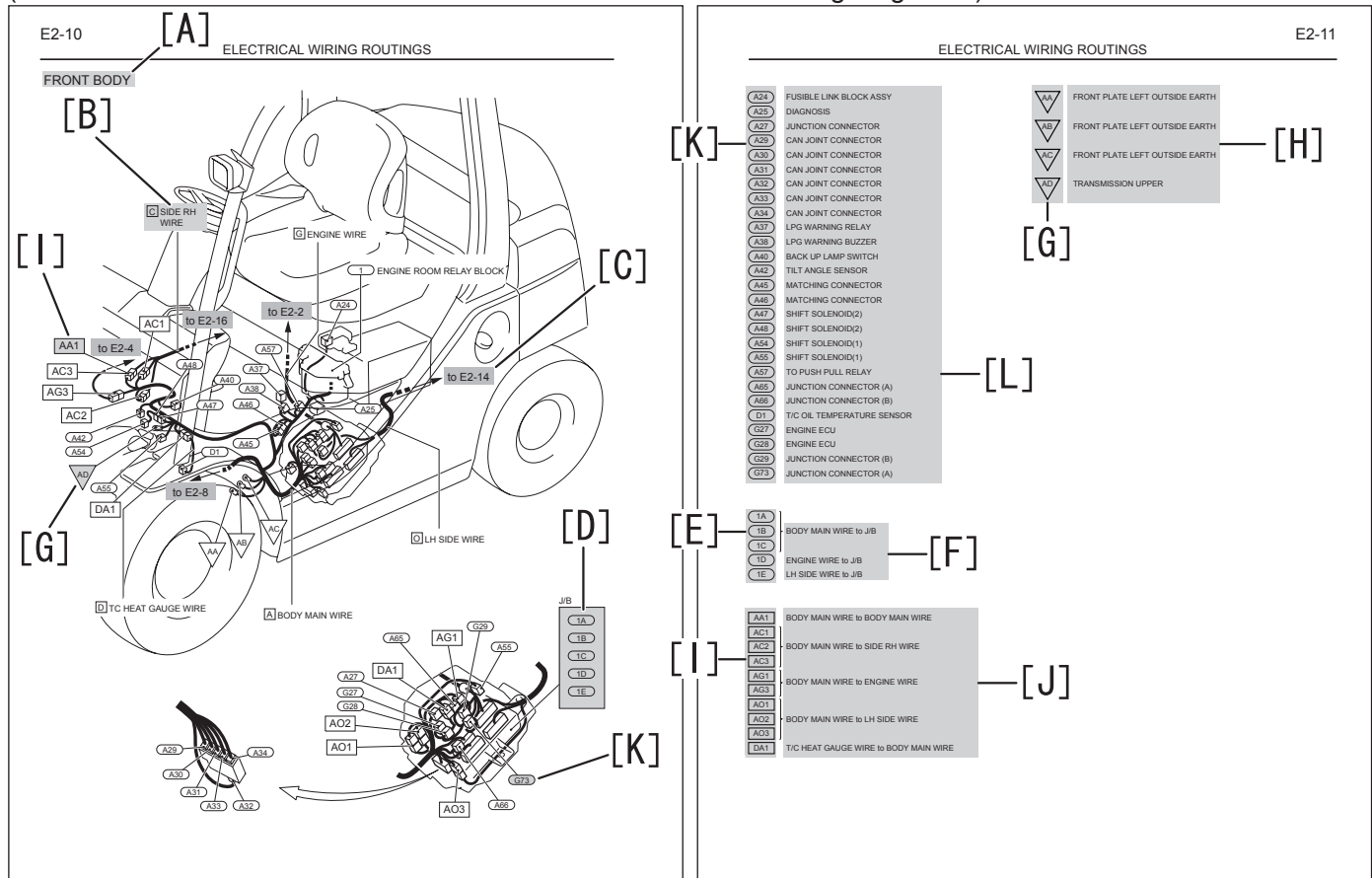
HOW TO READ CHAPTERS

Chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS

ELECTRICAL WIRING ROUTINGS

Electrical wiring routings show installation positions, ground points, connector numbers, and part names related to wire harnesses, connectors, relay blocks and junction blocks used in the forklift.

(Connector codes are the same as those used in the electrical wiring diagrams.)

**[A] Title**

Indicates a location on the forklift.

[B] Wire harness

Indicates a wire harness name.

[C] Reference page for electrical wiring routing

Indicates a reference page showing a wire harness location when the wire harness continues to the different electrical wiring routing.

[D] Junction block

Indicates a junction block name and a connector code to be connected.

[E] Junction block connector

Indicates a connector code connected to a junction block.

[F] Wire harness and junction block connection

Indicates a junction block name and a wire harness name to be connected.

[G] Ground point code

Indicates a ground point code.

[H] Ground point name

Indicates a ground point name.

[I] Harness to harness connector

Indicates a connector code that joins two wire harnesses.

[J] Wire harness names

Indicate two wire harness names for a wire harness and wire harness connection.

[K] Part connector

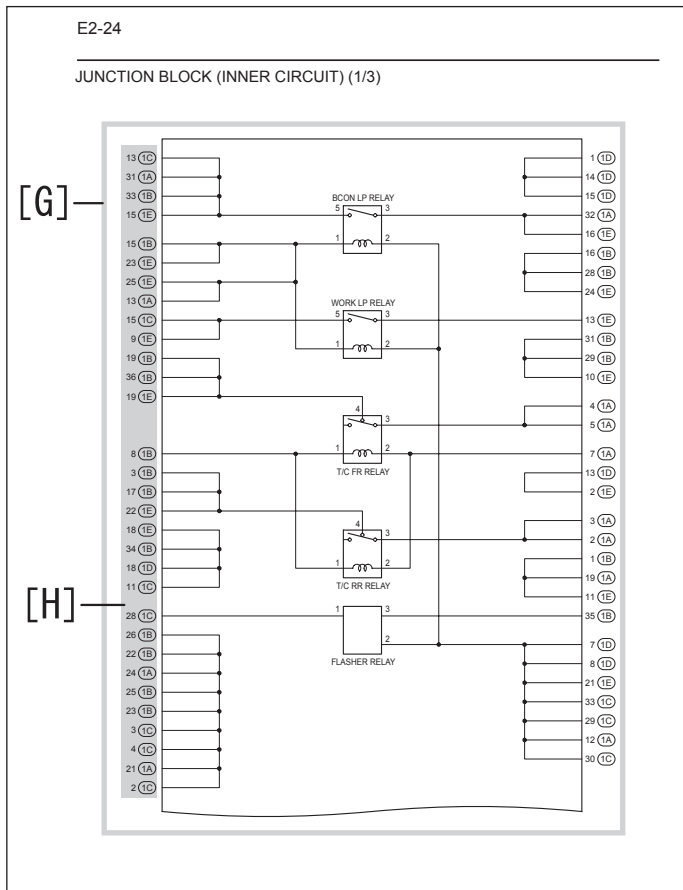
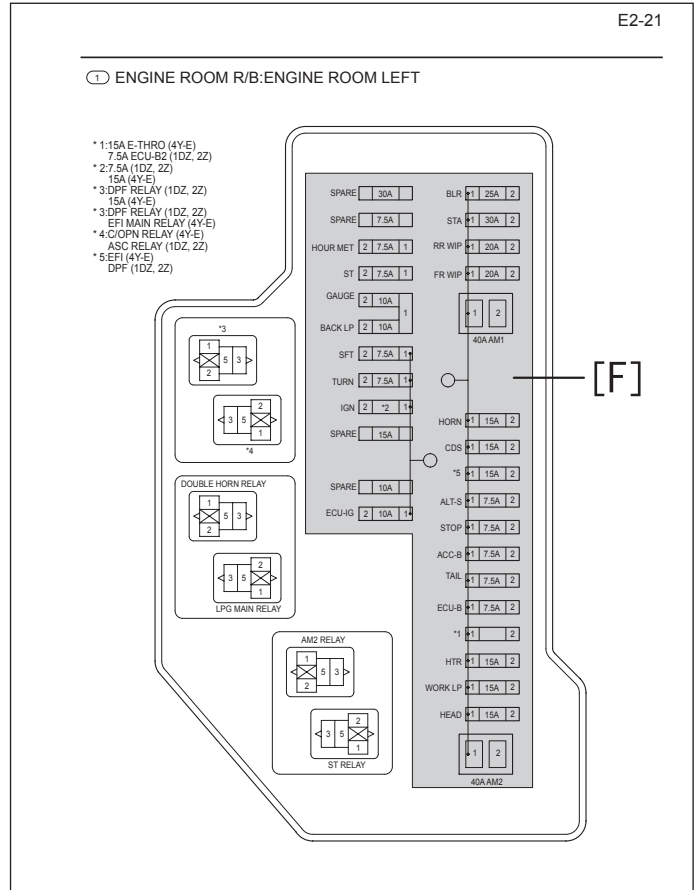
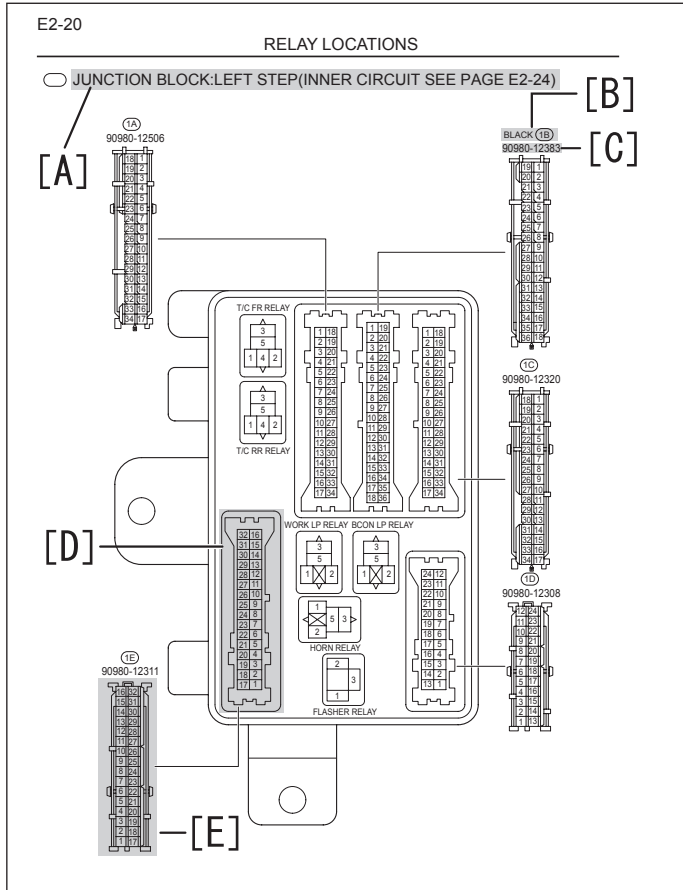
Indicates a connector code connected to a part.

[L] Part name

Indicates a part name connected to a connector.

RELAY LOCATIONS

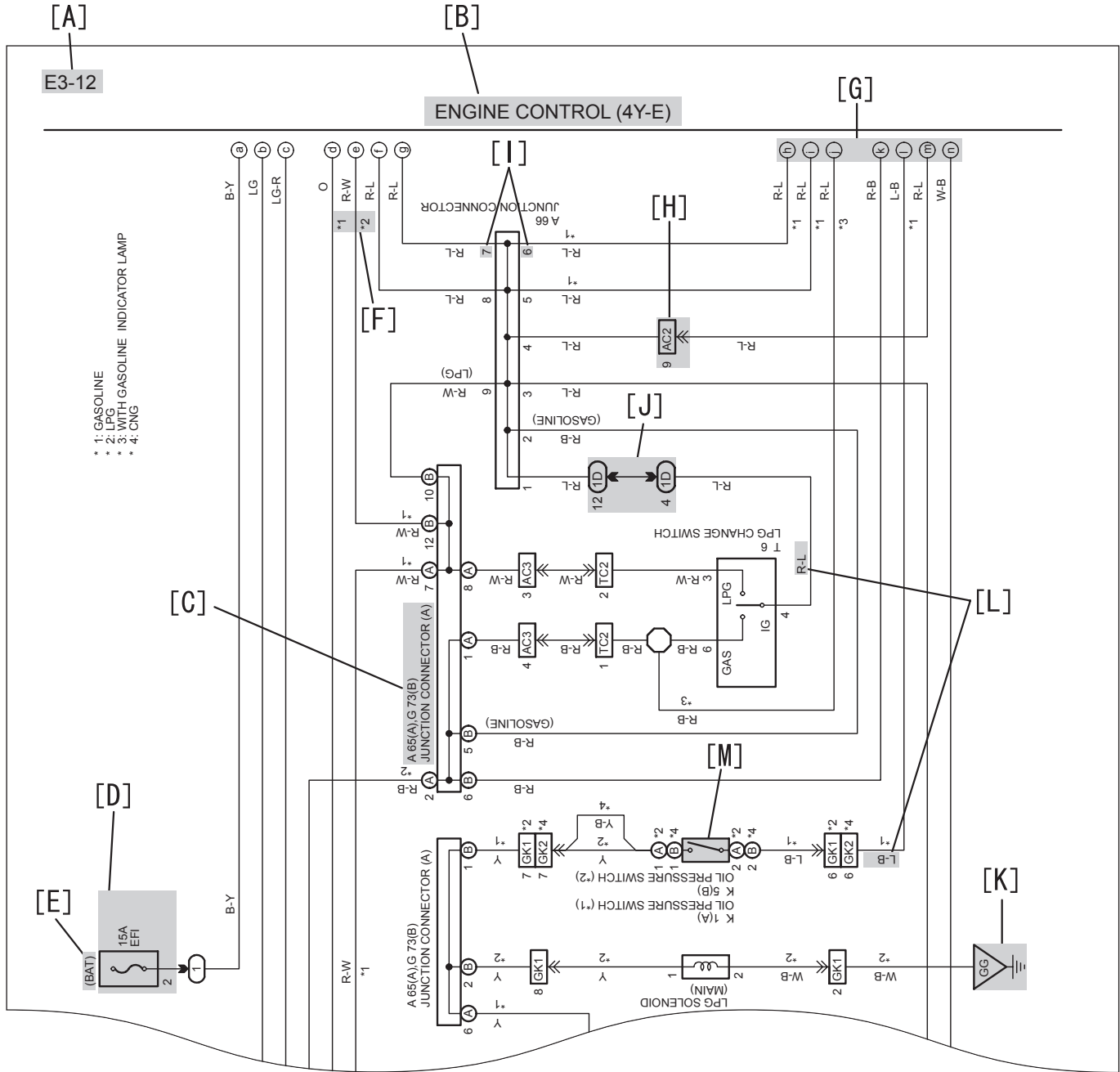
Relay locations show connectors connected to junction blocks, relays, fuses and internal circuit diagrams.



- [A] Junction block /relay block
Indicates a junction block or relay block name, its location and a reference page for an internal circuit diagram.
- [B] Connector code and color
Indicates the code and color of a connector connected to a junction block.
- [C] Connector part number
Indicates the part number of a connector.
- [D] Connector shape and terminal number
Indicates a connector shape on the junction block side.
Numbers indicate terminal numbers.
- [E] Connector shape and terminal number
Indicates a connector shape on the wire harness side.
Numbers indicate terminal numbers.
- [F] Fuse
Indicates a fuse name and capacity.
Terminal 1 is on the primary side and terminal 2 is on the secondary side.
- [G] Internal circuit diagram
Indicates an internal circuit diagram of a junction block.
- [H] Connector code and terminal number
Indicates a connector code and a terminal number connected to a junction block.

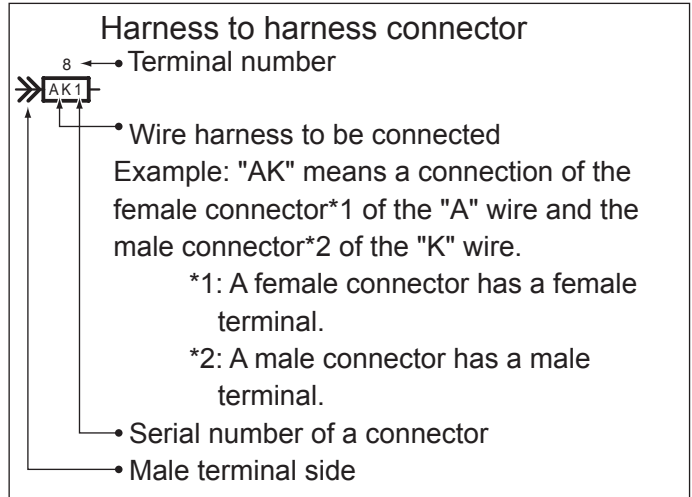
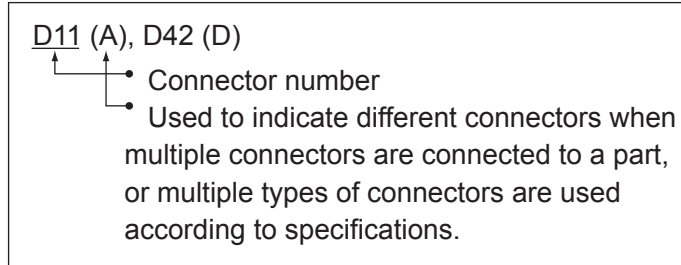
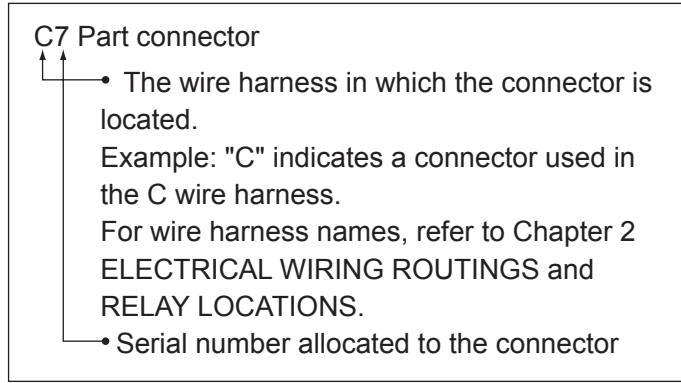
Chapter 3 SYSTEM CIRCUITS (1)
SYSTEM CIRCUITS

A system circuit consists of a power source circuit diagram and respective system circuit diagrams. A power source circuit diagram shows the connections from the power source to fuses. A system diagram shows the connections from fuses to ground points of each system.



INTRODUCTION

- [A] Section page
Indicates the page number for the section.
- [B] System title
Indicates a system name.
- [C] Part name and connector code
Indicates a part name and connector code to be connected. For connector shapes, refer to chapter 6 CONNECTOR LIST.
- [G] Page-to-page connection code
Indicates a wire harness continues onto the following page from the matching code.
- [H] Harness to harness connector
Indicates a connector code that connects two wire harnesses.
For the connector shape, refer to chapter 6 CONNECTOR LIST.



- [D] Fuse
Indicates a fuse name and capacity.
Terminal 1 is on the primary side and terminal 2 is on the secondary side.
For fuse installation positions, refer to chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS.
- [E] Power supply information
Indicates the ignition key position when power is supplied to a fuse.
- [F] Specification information
Indicates that connectors or wire colors vary depending on forklift models, engine types or specifications.

Chapter 3 SYSTEM CIRCUITS (2)

