

# FOREWORD

## 1. STRUCTURE

This service manual has been prepared as an aid to improve the quality of repairs by giving the serviceman an accurate understanding of the product and by showing him the correct way to perform repairs and make judgements. Make sure you understand the contents of this manual and use it to full effect at every opportunity.

This service manual mainly contains the necessary technical information for operations performed in a service-workshop.

For ease of understanding, the manual is divided into the following sections.

### SECTION 1 GENERAL

This section gives the general information of the machine and explains the safety hints for maintenance.

### SECTION 2 REMOVAL & INSTALLATION OF UNIT

This section explains the procedures and techniques of removal and installation of each component.

### SECTION 3 POWER TRAIN SYSTEM

This section explains the structure of the transmission as well as drive axle.

### SECTION 4 BRAKE SYSTEM

This section explains the brake piping, each component and operation.

### SECTION 5 STEERING SYSTEM

This section explains the structure of the steering unit.

### SECTION 6 HYDRAULIC SYSTEM

This section explains the structure of the gear pump, main control valve as well as work equipment circuit, each component and operation.

### SECTION 7 ELECTRICAL SYSTEM

This section explains the electrical circuit and each component.

It serves not only to give an understanding electrical system, but also serves as reference material for troubleshooting.

### SECTION 8 MAST

This section explains the structure of mast, carriage, backrest and forks

The specifications contained in this service manual are subject to change at any time and without any advance notice. Contact your HD HYUNDAI distributor for the latest information.

## 2. HOW TO READ THE SERVICE MANUAL

### Distribution and updating

Any additions, amendments or other changes will be sent to HD HYUNDAI distributors. Get the most up-to-date information before you start any work.

### Symbols

So that the shop manual can be of ample practical use, important places for safety and quality are marked with the following symbols.

| Symbols                                                                           | Item    | Remarks                                                                                            |
|-----------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------|
|  | Safety  | Special safety precautions are necessary when performing the work due to risk to human life        |
|                                                                                   |         | Special safety precautions for work that might cause serious problem to equipment or surroundings. |
|  | Caution | Useful information to operator or work that might cause issues to equipment and function.          |

### Revised edition mark (①②③...)

When a manual is revised, an edition mark is recorded on the bottom outside corner of the pages.

### Revisions

Revised information is shown at the list of revised pages on the between the contents page and next table.

Revision Table

| Revision | Version No. | Date       | Note                   |
|----------|-------------|------------|------------------------|
| 00       | 9YMD-91020C | 2023.08.30 | The first printing     |
| 01       | 9YMD-91020C | 2023.11.22 | Cluster change         |
| 02       | 9YMD-91020C | 2024.04.25 | Add Differential (P33) |
|          |             |            |                        |