

Shop Manual

DUMP TRUCK

HD785-7

SERIAL NUMBERS 7001 and up

KOMATSU

DUMP TRUCK

HD785-7

Machine model	Serial number
HD785-7	7001 and up

00 Index and foreword

Index

Composition of shop manual	2
Table of contents	4

Composition of shop manual

The contents of this shop manual are shown together with Form No. in a list.

Note 1: Always keep the latest version of this manual in accordance with this list and utilize accordingly.

The marks shown to the right of Form No. denote the following:

○: New issue (to be filed additionally) ●: Revision (to be replaced for each Form No.)

Note 2: This shop manual can be supplied for each Form No.

Note 3: To file this shop manual in the special binder for management, handle it as follows:

- Place a divider on the top of each section in the file after matching the Tab No. with No. indicated next to each Section Name shown in the table below:
- File overview and other materials in sections in the order shown below and utilize them accordingly.

Section Title	Form Number
Shop Manual, contents binder, binder label and tabs	SEN01274-15
00 Index and foreword	SEN01275-15
Index	SEN01276-15 ●
Foreword and general information	SEN01277-04
01 Specification	SEN01278-04
Specification and technical data	SEN01279-04 ●
10 Structure, function and maintenance standard	SEN01280-09
Engine and cooling system	SEN01281-01
Power train, Part 1	SEN01282-03
Power train, Part 2	SEN01283-01
Steering system	SEN01284-01
Brake system	SEN01285-04
Undercarriage and frame	SEN01286-02
Hydraulic system	SEN01287-03
Work equipment (Body)	SEN04681-00
Cab and its attachments	SEN01288-01
Electrical system, Part 1	SEN01289-01
Electrical system, Part 2	SEN01290-06
Electrical system, Part 3	SEN01291-04
Electrical system, Part 4	SEN01292-03
20 Standard value table	SEN01293-01
Standard service value table	SEN01769-01
30 Testing and adjusting	SEN01294-06
Testing and adjusting, Part 1	SEN01770-03 ●
Testing and adjusting, Part 2	SEN01771-05 ●
Testing and adjusting, Part 3	SEN01772-03
Testing and adjusting, Part 4	SEN01773-03
Testing and adjusting, Part 5	SEN01774-04 ●
40 Troubleshooting	SEN01295-05
Failure code table and fuse locations	SEN01936-02

General information on troubleshooting	SEN01937-03
Troubleshooting by failure code, Part 1	SEN01938-02 ●
Troubleshooting by failure code, Part 2	SEN01939-03 ●
Troubleshooting by failure code, Part 3	SEN01940-02
Troubleshooting by failure code, Part 4	SEN01941-02
Troubleshooting by failure code, Part 5	SEN01942-02
Troubleshooting by failure code, Part 6	SEN01943-03 ●
Troubleshooting by failure code, Part 7	SEN01944-02 ●
Troubleshooting by failure code, Part 8	SEN01945-02
Troubleshooting by failure code, Part 9	SEN01946-02
Troubleshooting by failure code, Part 10	SEN01947-02 ●
Troubleshooting of electrical system (E-mode)	SEN01948-04
Troubleshooting of hydraulic and mechanical system (H-mode)	SEN01949-01
Troubleshooting of engine (S-mode)	SEN01950-01
 50 Disassembly and assembly	 SEN01296-04
General information on disassembly and assembly	SEN01951-03
Engine and cooling system	SEN01952-02
Power train, Part 1	SEN01953-02
Power train, Part 2	SEN02106-03
Steering system	SEN04641-00
Brake system	SEN04642-01
Undercarriage and frame	SEN04643-01
Hydraulic system	SEN04644-00
Body	SEN04645-00
Cab and its attachments	SEN04646-00
Electrical system	SEN04647-01
 90 Diagrams and drawings	 SEN01297-07
Hydraulic diagrams and drawings	SEN01298-03
Electrical diagrams and drawings	SEN01299-07

Table of contents

00 Index and foreword

Index	SEN01276-15
Composition of shop manual	2
Table of contents	4

Foreword and general information

Safety notice.....	2
How to read the shop manual	7
Explanation of terms for maintenance standard	9
Handling of electric equipment and hydraulic component	11
Handling of connectors newly used for engines	20
How to read electric wire code	23
Precautions when carrying out operation	26
Method of disassembling and connecting push-pull type coupler	29
Standard tightening torque table	32
Conversion table	36

01 Specification

Specification and technical data

Specification drawing.....	2
Specifications	4
Weight table	7
Fuel, coolant and lubricants	8

10 Structure, function and maintenance standard

Engine and cooling system

Radiator, brake, torque converter oil cooler, aftercooler, steering, hoist oil cooler	2
Fuel system	4

Power train, Part 1

Power train skeleton.....	2
Output shaft.....	4
Drive shaft	6
Torque converter and transmission hydraulic piping	8
Brake cooling oil control valve (BCV)	10
Torque converter	11
Torque converter valve	19
Transmission	22
Transmission control valve	50
ECMV	52
Lubricating oil amount selector valve	59

Power train, Part 2

Axle	2
Differential	4
Final drive.....	5
Wheels	6

Steering system

Steering column.....	2
Steering linkage.....	3

Brake system

Brake piping	2
Brake valve.....	4
Secondary brake valve	7
Accumulator charge valve	8

It's a preview. You can download the full file by clicking the link below.

<https://shop servicemanual.com/>

Service Manuals from 2\$