CEBM022008

Shop Manual

860E-1KT

DUMP TRUCK

SERIAL NUMBERS 860E-1KT A30004 - A30030

This material is proprietary to Komatsu and is not to be reproduced, used, or disclosed except in accordance with written authorization from Komatsu.

It is our policy to improve our products whenever it is possible and practical to do so. We reserve the right to make changes or improvements at any time without incurring any obligation to install such changes on products sold previously.

Due to this continuous program of research and development, revisions may be made to this publication. It is recommended that customers contact their distributor for information on the latest revision.



© Copyright 2023 Komatsu Ltd. or one of its subsidiaries All Rights Reserved Printed in the U.S.A.

SHOP MANUAL

DUMP TRUCK 860E

Machine model Serial number

860E-1KT A30004 - A30030

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 module (to be filed additionally) ●: Revision (to be replaced for each Form No.)
- Note 2: 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	0,
Shop Manual, contents binder, binder label and tabs	CEBM022008	
00 Index and foreword		
Index	CEN00004-08	
Foreword, safety and general information	CEN00005-13	
Operating instructions	CEN00013-05	•
01 Specification		
Specification and technical data	CEN01005-02	
10 Structure, function and maintenance standard		
Cab air conditioning	CEN10008-04	
Steering circuit	CEN10009-04	
Hoist circuit	CEN10010-02	
Brake circuits	CEN10029-02	•
Suspensions	CEN10012-00	-
Electrical system, 24 volt	CEN10013-05	•
Interface module (IM)	CEN10014-04	•
Drive system SIBAS [®] IGBT rack components	CEN10015-02 CEN10016-07	
Reserve engine oil system	CEN10018-07	
Wheel motor transmission	CEN10022-04 CEN10024-02	•
20 Standard value table		
Standard value table	CEN20002-02	•
30 Testing and adjusting		
Service tools	CEN30024-03	•
Cab air conditioning	CEN30029-02	•
Steering, brake cooling and hoist hydraulic system	CEN30009-05	•
Brake system	CEN30031-03	•
Accumulators and suspensions	CEN30098-16	•
Payload meter	CEN30012-01	
KOMTRAX Plus	CEN30025-01	
Interface module (IM)	CEN30014-04	
SIBAS [®] user manual	CEN30021-03	•

SIBAS[®] user manual CEN30022-03 • Installing ZR / DSP software CEN30023-03 • 24V electrical system CEN30027-00 Automatic lubrication system checkout CEN30058-01 40 Troubleshooting Cab air conditioning CEN40008-02 **Fuse locations** CEN40009-04 • Troubleshooting by failure code, part 1 CEN40011-05 Troubleshooting by failure code, part 2 CEN40012-03 Troubleshooting by failure code, part 3 CEN40013-04 Troubleshooting by failure code, part 4 CEN40014-04 Troubleshooting by failure code, part 5 CEN40015-04 Drive system fault code table, part 1 CEN40041-01 Drive system fault code table, part 2 CEN40042-00 Drive system fault code table, part 3 CEN40043-00 Drive system fault code table, part 4 CEN40044-00 Drive system fault code table, part 5 CEN40045-01 Drive system fault code table, part 6 CEN40046-00 Drive system fault code table, part 7 CEN40047-01 Payload meter scoreboard CEN40169-00 Electric wheel motor CEN40048-00 Reserve engine oil system CEN40010-00 Steering system CEN40104-09 • CEN40202-01 • Automatic lubrication (auto lube) system 50 Disassembly and assembly Service tools CEN50027-04 • Cab air conditioning CEN50028-03 Wheels, spindle and rear axle CEN50011-13 • Brake system CEN50012-05 CEN50013-06 Steering system **Suspensions** CEN50014-06 Hoist circuit CEN50015-06 • Operator cab CEN50016-04 Body and structures CEN50017-05 CEN50018-02 Three phase wheel motor Power module CEN50020-04 Main blower CEN50031-00 Retarding grid CEN50032-01 Control cabinet CEN50033-02

90 Diagrams and drawings Hydraulic circuit diagrams Electrical circuit diagrams - 24V system Electrical circuit diagrams - drive system

CEN90003-00 CEN90047-00 CEN90005-02 It's a preview. You can download the full file by clicking the link below.

https://shopservicemanual.com/

Service Manuals from 2\$