CEAM017504

Operation & Maintenance Manual

HM300-2

ARTICULATED DUMP TRUCK

SERIAL NUMBERS **HM300-2** **A11001** and UP

ENGINE **SAA6D125E-5**

September 2010

KOMATSU®

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TABLE OF CONTENTS

INTRODUCTION

FOREWORD 0-2
SAFETY INFORMATION 0-3
Safety Labels 0-4
Safety Labels Using Pictogram 0-4
INTRODUCTION 0-5
Intended Use 0-5
Directions of Machine 0-5
Visibility From Operator's Seat 0-5
Breaking in a New Machine 0-5
LOCATION OF PLATES, TABLE TO ENTER SERIAL NO. AND DISTRIBUTOR 0-6
Product Identification Number (Pin)/Machine Serial No. Plate 0-6
EPA Regulations, Engine Serial No. Plate Position 0-6
Service Meter Position 0-7
Table to Enter Serial Numbers and Distributor 0-7
TABLE OF CONTENTS 0-8

SAFETY

SAFETY AND WARNING DECALS 1-2
Location of Safety Decals 1-3
Safety Labels 1-3
GENERAL SAFETY RULES AND PRECAUTIONS 1-9
General Safety Rules 1-9
Safety Features 1-10
Personal Protective Equipment 1-10
Fire and Explosion Prevention 1-11
Fire Caused by Fuel or Oil 1-11
Fire Caused by Accumulation of Flammable Material 1-11
Fire Coming from Electric Wiring 1-12
Fire Coming from Hydraulic Line 1-12
Windshield Washer Fluid 1-12
Action if Fire Occurs 1-12
Fire Extinguisher and First Aid Kit 1-12
Fire Prevention and Suppression 1-13
Fire Prevention Steps 1-13
Fixed Fire Detection System 1-13
Fixed Fire Suppression System 1-13
Fire Prevention Procedures 1-13
Dust Hazard Precautions 1-14
Keep Operator's Cab Clean 1-14
Unauthorized Modifications 1-14
No People on Dump Body 1-14
Leaving Operator's Compartment 1-15
Mounting and Dismounting 1-16
No Jumping On or Off Machine 1-16

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Crush or Pinch Point Dangers 1-16
Inside Operator's Compartment 1-17
Precautions When Using ROPS 1-17
Precautions Related To Attachments And Options 1-18
Precautions When Running Engine Inside Building 1-18
PRECAUTIONS BEFORE STARTING OPERATIONS 1-18
Pre-Operational Checks 1-18
Seat Belt Inspection 1-19
Starting Your Work Operations 1-20
Work Site Hazards 1-20
Avoiding Dangerous Situations 1-21
Working Clearances 1-23
Operating on Snow or Icy Surfaces 1-23
Working on Loose Ground 1-24
Asbestos Hazard Alert 1-24
RULES FOR ROAD TRAVEL 1-25
Precautions When Traveling 1-25
When Traveling on Slopes 1-25
When Dumping a Load 1-26
Ensure Good Visibility 1-26
Checking Signs and Signalman's Signals 1-27
When Traveling in Reverse 1-27
Parking the Machine 1-28
PRECAUTIONS DURING MAINTENANCE OPERATIONS 1-30
Warning Tags 1-30
Equipment Storage 1-30
Working Under the Machine 1-31
Using Drop Lamps 1-31
Keeping the Machine Clean 1-31
Performing General Maintenance Procedures 1-32
Running the Engine During Maintenance 1-33
Proper Tools 1-34
Engine System High-voltage 1-35
Welding, Grinding or Cutting 1-35
When Using Hammer 1-35
Refueling the Machine 1-35
Cooling System Precautions 1-36
Battery Precautions 1-36
Starting the Machine 1-37
High Pressure Hoses 1-37
Safety Handling High-pressure Hoses 1-37
Precaution for High Fuel Pressure 1-37
High Temperature Areas 1-38
Disposal of Waste Materials 1-38
Accumulator 1-38
Critical Parts 1-39
HANDLING TIRES 1-39
Precautions When Storing Tires 1-40
TRANSPORTATION 1-41

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INTRODUCTION

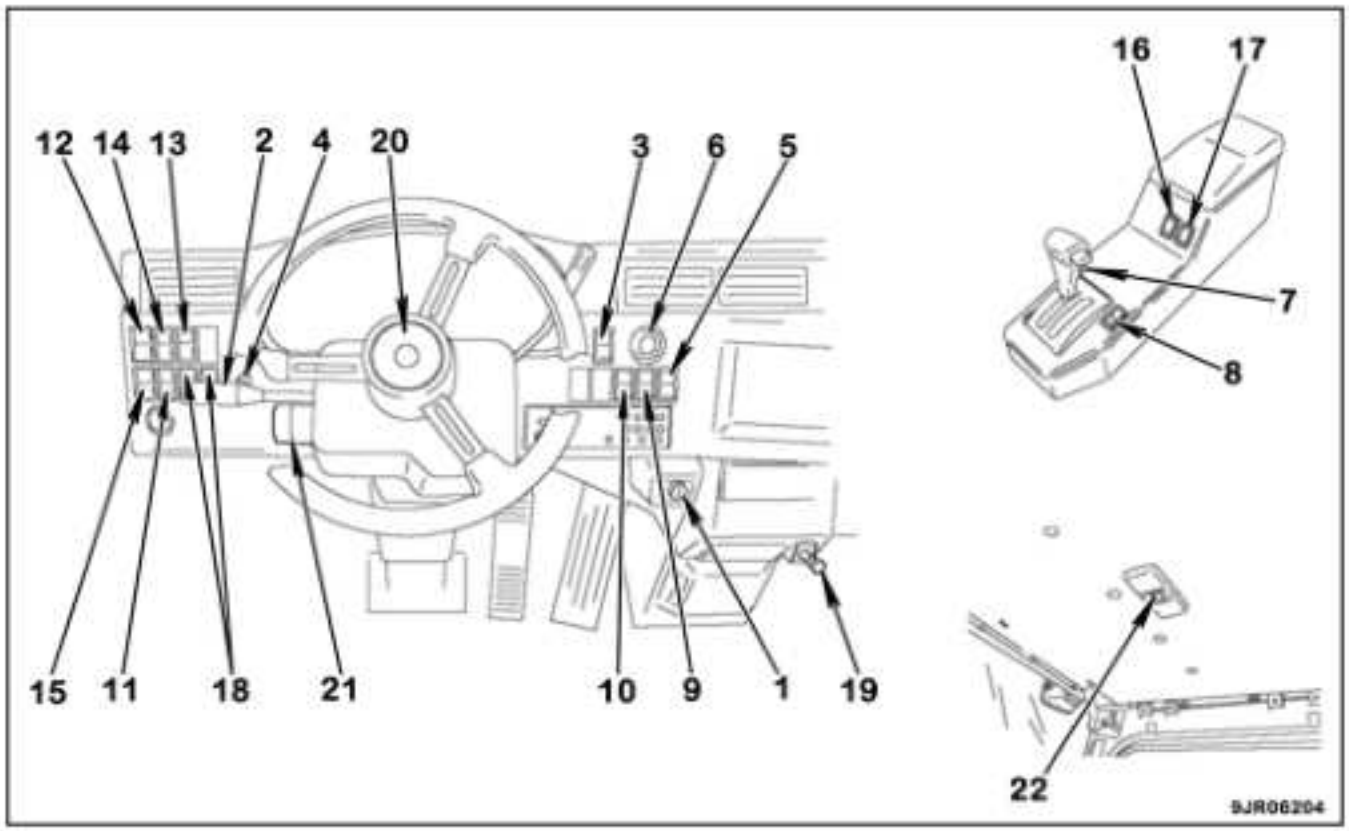
Precautions When Transporting 1-41
Steps for Transportation 1-41
Method of Securing Machine 1-41
Method of Lifting Machine 1-42
Location of Lifting Points 1-43
TOWING MACHINE 1-44

OPERATION

GENERAL VIEW 2-2
General View of Machine 2-2
General View of Controls and Gauges 2-3
Machine Monitor 2-4
EXPLANATION OF COMPONENTS 2-5
Machine Monitor 2-5
Character Display Portion 2-7
Service Meter 2-7
Odometer 2-8
Reverse Travel Odometer 2-8
Action Code Display 2-8
Filter, Oil, Replacement Time Display 2-9
Caution Items 2-11
Seat Belt Caution Lamp 2-11
Parking Brake Pilot Lamp 2-12
Dump Body Pilot Lamp 2-12
Emergency Steering Pilot Lamp 2-12
Fuel Level Caution Lamp 2-12
Maintenance Caution Lamp 2-13
Emergency Stop Item 2-14
Engine Coolant Temperature Caution Lamp 2-14
Torque Converter Oil Temperature Caution Lamp 2-15
Retarder Temperature Caution Lamp 2-15
Battery Charge Circuit Caution Lamp 2-15
Steering Oil Temperature Caution Lamp 2-15
Engine Oil Pressure Caution Lamp 2-16
Brake Oil Pressure Caution Lamp 2-16
Tilt Caution Lamp 2-16
Machine Monitor, Option System Caution Lamp 2-16
Engine System Caution Lamp 2-17
Transmission System Caution Lamp 2-17
Retarder System Caution Lamp 2-17
Meter Display Portion 2-18
Engine Preheating Pilot Lamp 2-18
Retarder Pilot Lamp 2-19
Inter-axle Differential Lock Pilot Lamp 2-19
Lockup Pilot Lamp 2-19
Shift Hold Pilot Lamp 2-19
Head Lamp High Beam Pilot Lamp 2-20
Turn Signal Pilot Lamp 2-20

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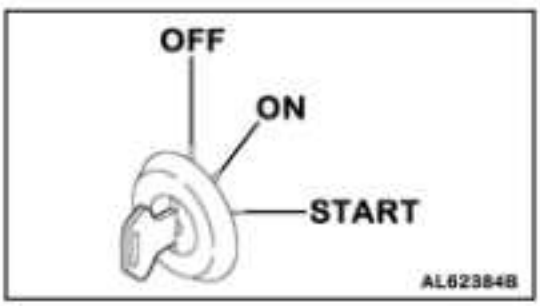
Switches



1. Ignition switch
2. Lamp switch, Turn Signal lever, Dimmer switch
3. Hazard lamp switch
4. Night lighting dimmer switch
5. Power mode selector switch
6. Emergency steering switch
7. Shift hold switch
8. Parking brake switch
9. AISS LOW switch
10. Inter-axle differential lock switch
11. Fog lamp switch (if equipped)
12. Side lamp switch (if equipped)
13. Working lamp (front) switch
14. Rear window defroster switch
15. Yellow rotating lamp switch (if equipped)
16. Power window switch right (if equipped)
17. Power window switch left
18. Machine monitor mode selector switch 1, 2
19. Cigarere lighter
20. Horn button
21. Wiper, window washer switch
22. Room lamp switch

Ignition Switch

Switch (1) is used to start or stop the engine.



OFF position

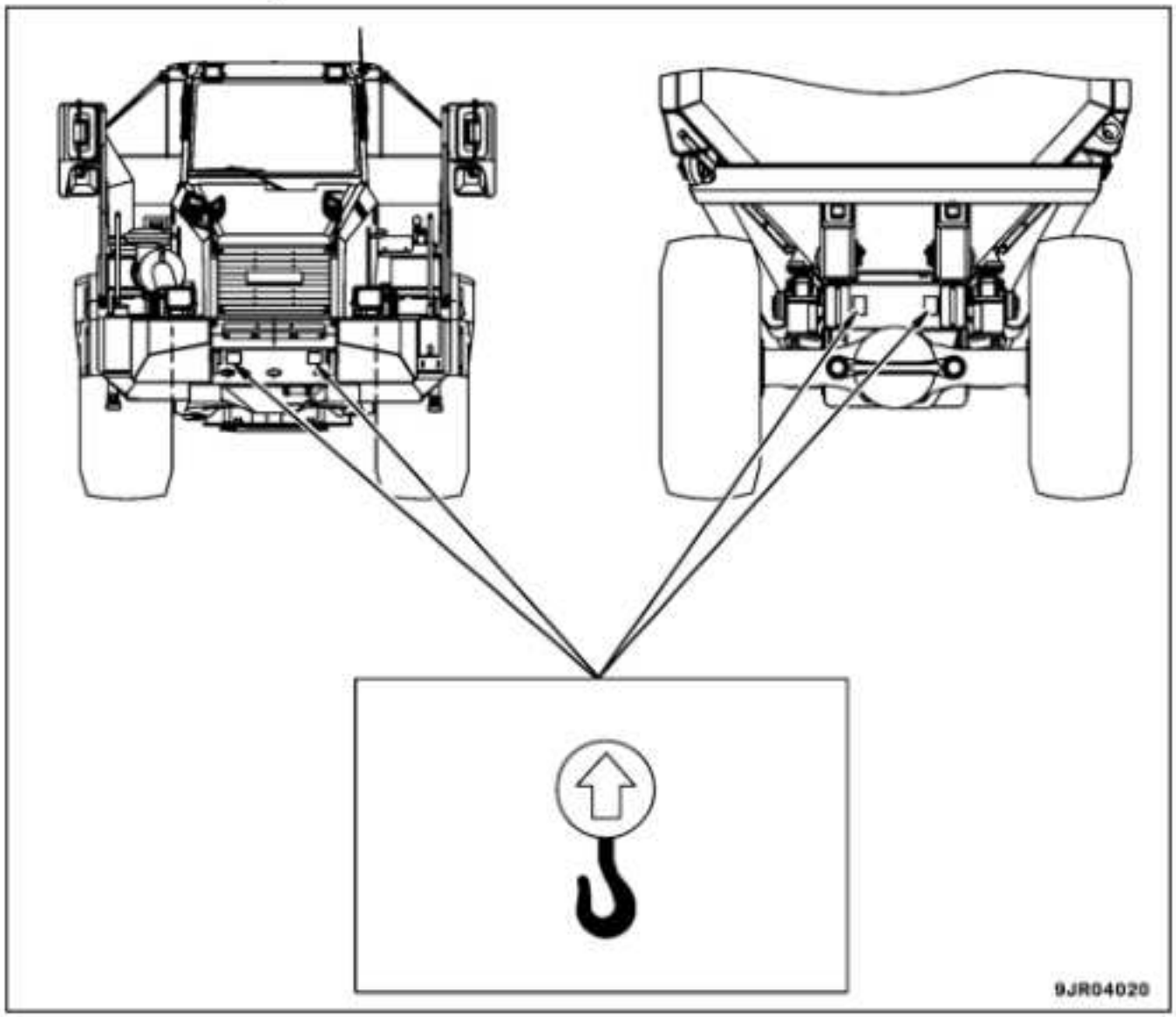
- The ignition switch key can be inserted and removed. All electric system switches are turned off, and the engine stops.

ON position

- Electric current flows in the charging circuit, lamp circuit, and accessory circuit.
- Keep the ignition switch key at the ON position while the engine is running.
- When turning the ignition switch ON or OFF, if the ignition switch is held at a position between ON and OFF, the controller may detect this as a problem. If this happens, return the ignition switch to the OFF position, then operate it as usual to the ON position.

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Location of Lifting Position Mark



Weight Table

	Machine weight	Front wheel load	Center wheel load	Rear wheel load	Center of gravity (from front axle)
HM300-2	24040 kg (53,008 lb)	13410 kg (29,569 lb)	5670 kg (12,502 lb)	4960 kg (10,937 lb)	2165 mm (7 ft 1 in)

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Initial 250 Hours Service (Only After the First 250 Hours)

Perform the following maintenance only after the first 250 hours.

- Change oil in engine oil pan, replace engine oil filter cartridge
- Replace fuel pre-filter cartridge
- Replace main fuel filter cartridge
- Replace transmission filter element (valve side, brake cooling side)
- Change oil in transmission case
- Change oil in brake oil tank, replace brake oil filter element
- Change oil in final drive case
- Change oil in differential case
- Replace hydraulic filter element
- Change oil in hydraulic tank

For details of the method of replacing or maintaining, see "EVERY 500 HOURS", "EVERY 1000 HOURS", "EVERY 2000 HOURS SERVICE" and "EVERY 4000 HOURS SERVICE".

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