TEN00618-02

Operation & Maintenance Manual

ARTICULATED
DUMP TRUCK

HM400-3M0

SERIAL NUMBERS 5001 and up

ecot3

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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CONTENTS (PC-0310-001-A-00-A)

FOREWORD 1-1
BEFORE READING THIS MANUAL 1-2
SAFETY INFORMATION 1-3
INTRODUCTION 1-4
USE OF MACHINE 1-4
DIRECTIONS OF MACHINE 1-4
VISIBILITY FROM OPERATOR'S SEAT 1-5
PROXIMITY VISIBILITY 1-5
12 m CIRCUMFERENCE VISIBILITY 1-5
PRODUCT INFORMATION 1-6
PRODUCT IDENTIFICATION NUMBER (PIN)/MACHINE SERIAL NO. PLATE 1-6
ENGINE NUMBER PLATE 1-6
SERVICE METER LOCATION 1-7
YOUR MACHINE SERIAL NUMBERS AND DISTRIBUTOR 1-7
CONTENTS 1-8
SAFETY 2-1
SAFETY 2-2
SAFETY LABELS 2-4
LOCATION OF SAFETY LABELS 2-5
SAFETY LABELS 2-6
GENERAL PRECAUTIONS COMMON TO OPERATION AND MAINTENANCE 2-12
PRECAUTIONS BEFORE STARTING OPERATION 2-12
PREPARATIONS FOR SAFE OPERATION 2-13
FIRE PREVENTION 2-15
PRECAUTIONS WHEN GETTING ON OR OFF MACHINE 2-17
DO NOT GET CAUGHT IN WORK EQUIPMENT 2-20
PRECAUTIONS RELATED TO PROTECTIVE STRUCTURES 2-20
UNAUTHORIZED MODIFICATION 2-20
PRECAUTIONS RELATED TO ATTACHMENTS AND OPTIONS 2-20
PRECAUTIONS WHEN RUNNING ENGINE INSIDE BUILDING 2-21
PRECAUTIONS FOR OPERATION 2-22
PRECAUTIONS FOR JOBSITE 2-22
STARTING ENGINE 2-24
OPERATION 2-27
TRANSPORTATION 2-31
TOWING 2-32
PRECAUTIONS FOR MAINTENANCE 2-33
PRECAUTIONS BEFORE STARTING INSPECTION AND MAINTENANCE 2-33
PRECAUTIONS FOR INSPECTION AND MAINTENANCE 2-39
TIRES 2-44
OPERATION 3-1
GENERAL VIEW 3-2
GENERAL VIEW OF MACHINE 3-2
GENERAL VIEW OF CONTROLS AND GAUGES 3-3
EXPLANATION OF COMPONENTS 3-7
MACHINE MONITOR 3-7
SWITCHES 3-77
CONTROL LEVERS AND PEDALS 3-87
CIGARETTE LIGHTER 3-91
ASHTRAY 3-91
DRINK BOX 3-91
CUP HOLDER 3-92
HANDY TRAY 3-92
MAGAZINE BOX 3-92
EMERGENCY ESCAPE HAMMER 3-93
HANDLING AIR CONDITIONER 3-94
HANDLING RADIO 3-107

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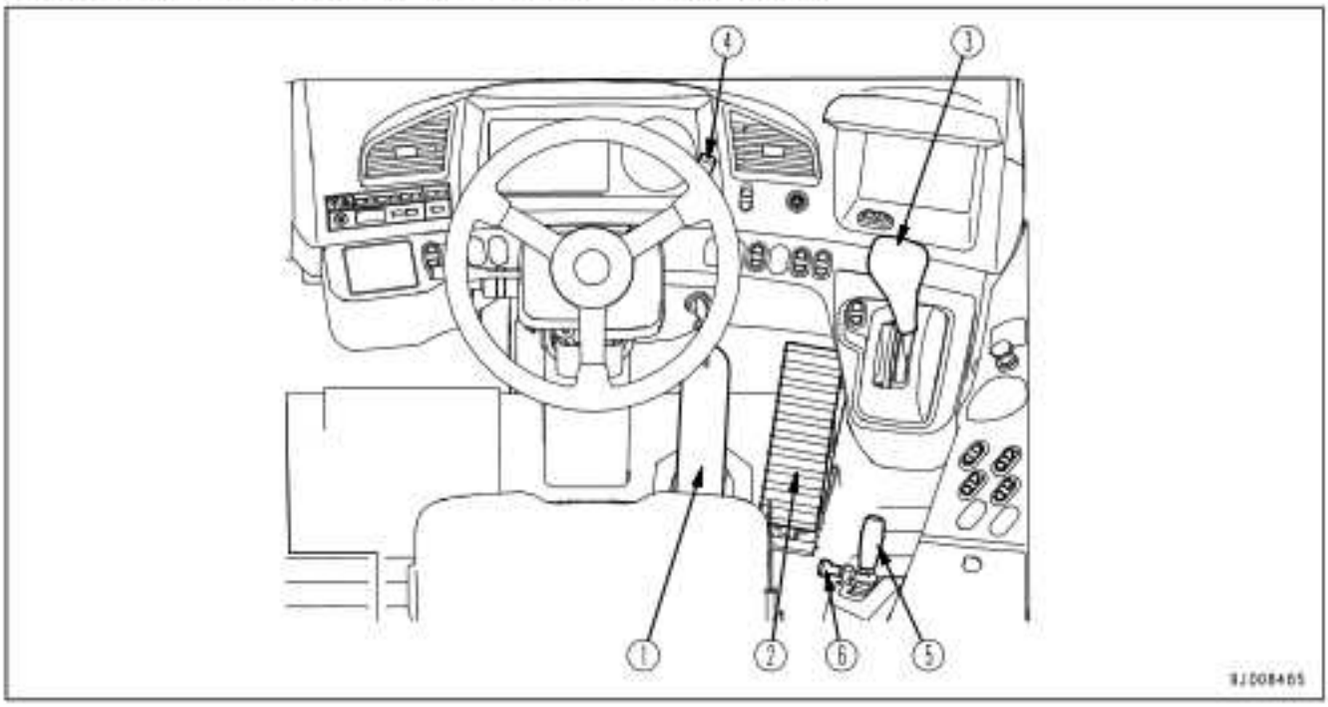
AUXILIARY ELECTRIC POWER 3-112
FUSE 3-113
OPEN AND CLOSE CAB DOOR 3-117
STORAGE FOR TOOLS 3-118
STORAGE FOR FIRE EXTINGUISHER 3-118
BATTERY DISCONNECT SWITCH 3-119
CIRCUIT BREAKER 3-121
DUST INDICATOR 3-121
ARTICULATION LOCK 3-122
BODY PIVOT PINS 3-123
HANDLING REAR VIEW MONITOR 3-124
HANDLING MACHINES EQUIPPED WITH KOMTRAX 3-127
MACHINE OPERATIONS AND CONTROLS 3-129
CHECKS AND ADJUSTMENT BEFORE STARTING ENGINE 3-129
STARTING ENGINE 3-153
OPERATIONS AND CHECKS AFTER STARTING ENGINE 3-158
STOPPING ENGINE 3-161
CHECKS AFTER STOPPING ENGINE 3-161
MACHINE OPERATION 3-162
SHIFTING GEARS 3-167
TRAVELING DOWNHILL 3-169
STEERING MACHINE 3-175
HANDLING KOMATSU TRACTION CONTROL SYSTEM (KTCS) 3-176
LOADING WORK 3-178
DUMPING 3-179
HANDLING PAYLOAD METER 3-181
CAB TILT OPERATION 3-192
OPERATION 3-194
PARKING MACHINE 3-195
AFTER DAILY WORK COMPLETION 3-196
LOCKING 3-196
HANDLING TIRES 3-197
DETERMINE AND MAINTAIN TRAVEL ROAD 3-198
DETERMINE TRAVEL ROAD 3-198
MAINTAIN TRAVEL ROAD 3-198
TRANSPORTATION 3-199
TRANSPORTATION 3-199
TRANSPORTATION PROCEDURE 3-199
SECURING MACHINE 3-200
LIFTING MACHINE 3-201
COLD WEATHER OPERATION 3-205
COLD WEATHER OPERATION INFORMATION 3-205
AFTER DAILY WORK COMPLETION 3-206
LONG-TERM STORAGE 3-207
BEFORE STORAGE 3-207
TROUBLES AND ACTIONS 3-208
RUNNING OUT OF FUEL 3-208
IF TRANSMISSION HAS TROUBLE 3-209
LOWERING DUMP BODY IN EMERGENCY 3-209
TOWING MACHINE 3-210
DISCHARGED BATTERY 3-213
OTHER TROUBLE 3-217
MAINTENANCE 4-1
RULES FOR MAINTENANCE 4-2
SERVICE METER READING 4-2
KOMATSU GENUINE REPLACEMENT PARTS 4-2
KOMATSU GENUINE LUBRICANTS 4-2
ALWAYS USE CLEAN WASHER FLUID 4-2

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FRESH AND CLEAN LUBRICANTS 4-2
CHECK DRAINED OIL AND USED FILTER 4-2
CAUTION FOR REFILLING OIL OR FUEL 4-2
WELDING INSTRUCTIONS 4-2
DO NOT DROP THINGS INSIDE MACHINE 4-2
DUSTY JOBSITES 4-2
AVOID MIXING OIL 4-3
LOCKING INSPECTION COVERS 4-3
BLEED AIR FROM HYDRAULIC CIRCUIT 4-3
PRECAUTIONS WHEN INSTALLING HYDRAULIC HOSES 4-3
CHECKS AFTER INSPECTION AND MAINTENANCE 4-3
FUEL AND LUBRICANTS TO MATCH THE AMBIENT TEMPERATURE 4-3
OUTLINE OF MAINTENANCE 4-4
HANDLING OIL, FUEL, COOLANT, AND PERFORMING OIL CLINIC 4-4
HANDLING ELECTRICAL COMPONENTS 4-8
STANDARD TIGHTENING TORQUE FOR BOLTS AND NUTS 4-9
TIGHTENING TORQUE LIST 4-9
MAINTENANCE SCHEDULE 4-11
MAINTENANCE SCHEDULE TABLE 4-11
MAINTENANCE PROCEDURE 4-13
INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS) 4-13
WHEN REQUIRED 4-14
CHECKS BEFORE STARTING 4-37
EVERY 50 HOURS MAINTENANCE 4-38
EVERY 250 HOURS MAINTENANCE 4-39
EVERY 500 HOURS MAINTENANCE 4-53
EVERY 1000 HOURS MAINTENANCE 4-60
EVERY 2000 HOURS MAINTENANCE 4-72
EVERY 4000 HOURS MAINTENANCE 4-78
EVERY 6000 HOURS MAINTENANCE 4-81
EVERY 8000 HOURS MAINTENANCE 4-83
SPECIFICATIONS 5-1
SPECIFICATIONS 5-2
ATTACHMENTS AND OPTIONS 6-1
CAB POWER TILT 6-2
HANDLING CENTRALIZED BREATHERS 6-4
EVERY 250 HOURS MAINTENANCE 6-4
CLEAN BREATHER 6-4
EVERY 2000 HOURS MAINTENANCE 6-6
REPLACE BREATHER ELEMENT IN HYDRAULIC TANK 6-6
EVERY 4000 HOURS MAINTENANCE 6-7
REPLACE AIR CLEANER ELEMENT 6-7
CONSUMABLE PARTS LIST 6-9
REPLACEMENT PARTS 7-1
SAFETY CRITICAL PARTS 7-2
SAFETY CRITICAL PARTS LIST 7-2
CONSUMABLE PARTS 7-3
CONSUMABLE PARTS LIST 7-3
RECOMMENDED FUEL, COOLANT, AND LUBRICANT 7-4
LUBRICATION CHART 7-4
USE OF FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE 7-7
RECOMMENDED BRANDS AND QUALITY FOR PRODUCTS OTHER THAN KOMATSU GENUINE OIL 7-9
INDEX 8-1

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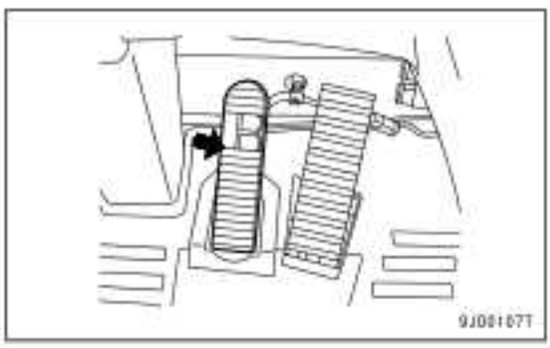
CONTROL LEVERS AND PEDALS (HM400-K191-04D-K-01-A)



(1) Brake pedal
(2) Accelerator pedal
(3) Gear shift lever
(4) Retarder control lever
(5) Dump lever
(6) Dump lever lock knob

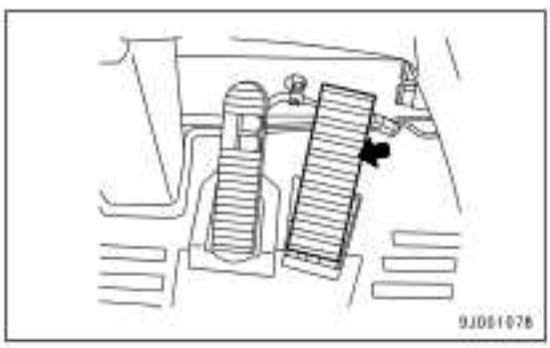
BRAKE PEDAL (HM-G4A1-043-K-00-A)

This pedal (1) is used to apply the wheel brakes.



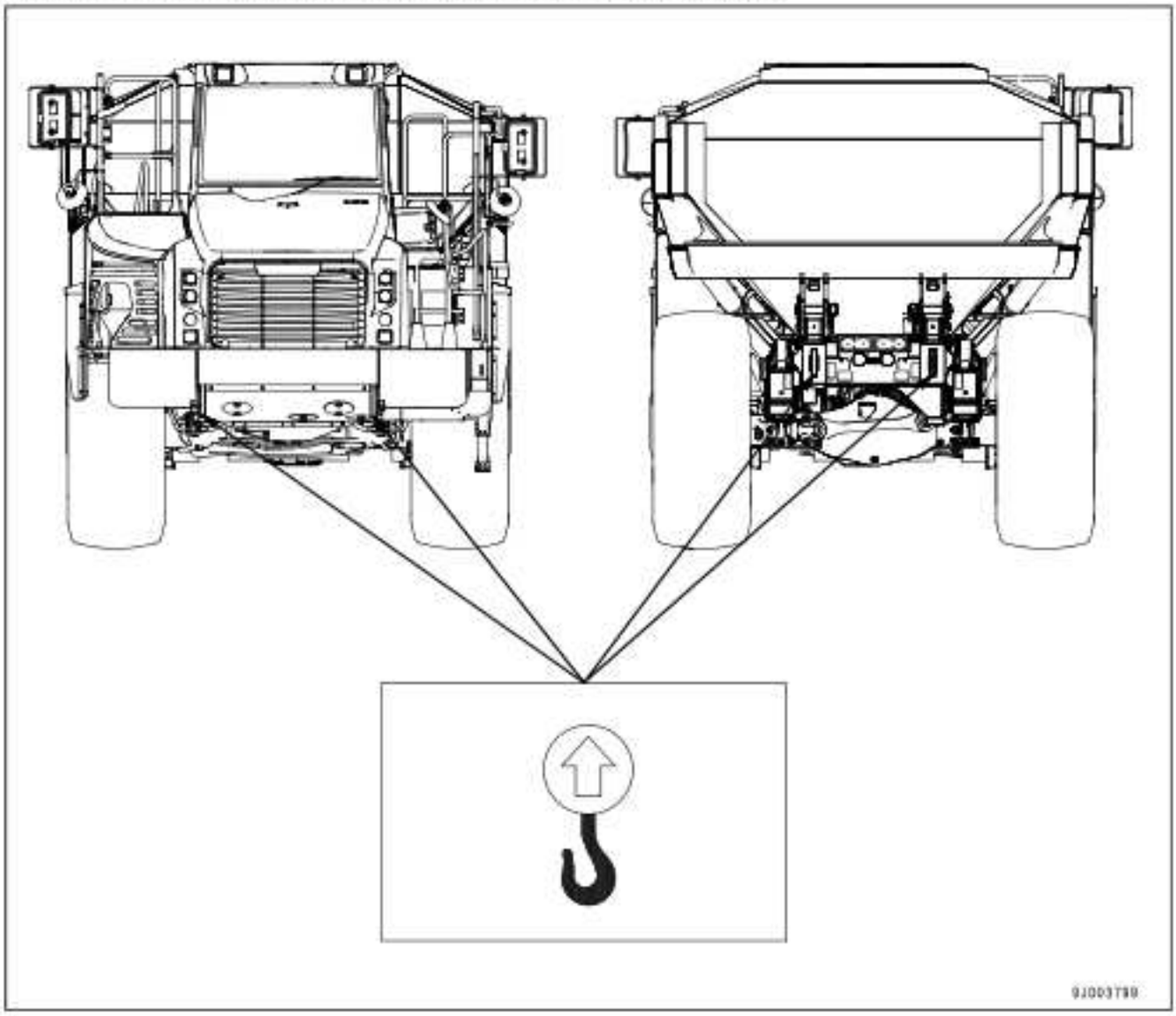
ACCELERATOR PEDAL (HM-AEX1-043-K-00-A)

Use this pedal (2) to control the engine speed.
It can be operated freely from low idle to full throttle.



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LOCATION OF LIFTING POSITION MARK (HM400-0000-815-K-00-A)



WEIGHT TABLE (HM400-0000-815-K-12-A)

	Machine weight	Load on front axle	Load on center axle	Load on rear axle	Center of gravity (from front axle)
HM400-3M0	33,925 kg (74,805 lb)	19,205 kg (42,347 lb)	7,880 kg (17,375 lb)	6,840 kg (15,082 lb)	2,310 mm (7 ft 7in)

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EVERY 1000 HOURS MAINTENANCE (ALL-33D0-015-A-02-A)

Maintenance for every 50, 250 and 500 hours should be performed at the same time.

REPLACE FUEL MAIN FILTER CARTRIDGE (HM400-AED0-923-K-02-A)

⚠ WARNING

- **Immediately after the engine is stopped, the parts are still very hot. Do not replace the filter immediately. Wait until all of parts have cooled down before starting the work.**
- **High pressure is generated inside the engine fuel piping system when the engine is running. When replacing the filter, wait for at least 30 seconds after stopping the engine to let the internal pressure go down before replacing the filter.**
- **Do not bring any open flame close.**

NOTICE

- **Komatsu genuine fuel filter cartridges use a special filter that has highly efficient filtering ability. When replacing parts, Komatsu recommends using Komatsu genuine parts.**
- **The common rail fuel injection system used on this machine consists of more precise parts than the parts in the conventional injection pump and nozzles. If any cartridge other than a Komatsu genuine filter cartridge is used, dust or dirt may get in and cause problems with the injection system. Always avoid using substitute parts.**
- **When performing the inspection or maintenance of the fuel system, pay more attention than normal to the entry of dirt. If dirt sticks to any part, use fuel to wash it off completely.**

- Prepare a filter wrench and a container to catch the fuel.

After replacing the fuel prefilter cartridge, replace the fuel main filter cartridge.

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