TEN00442-07

Operation & Maintenance Manual

ARTICULATED
DUMP TRUCK

HM300-2

SERIAL NUMBERS 2790 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.

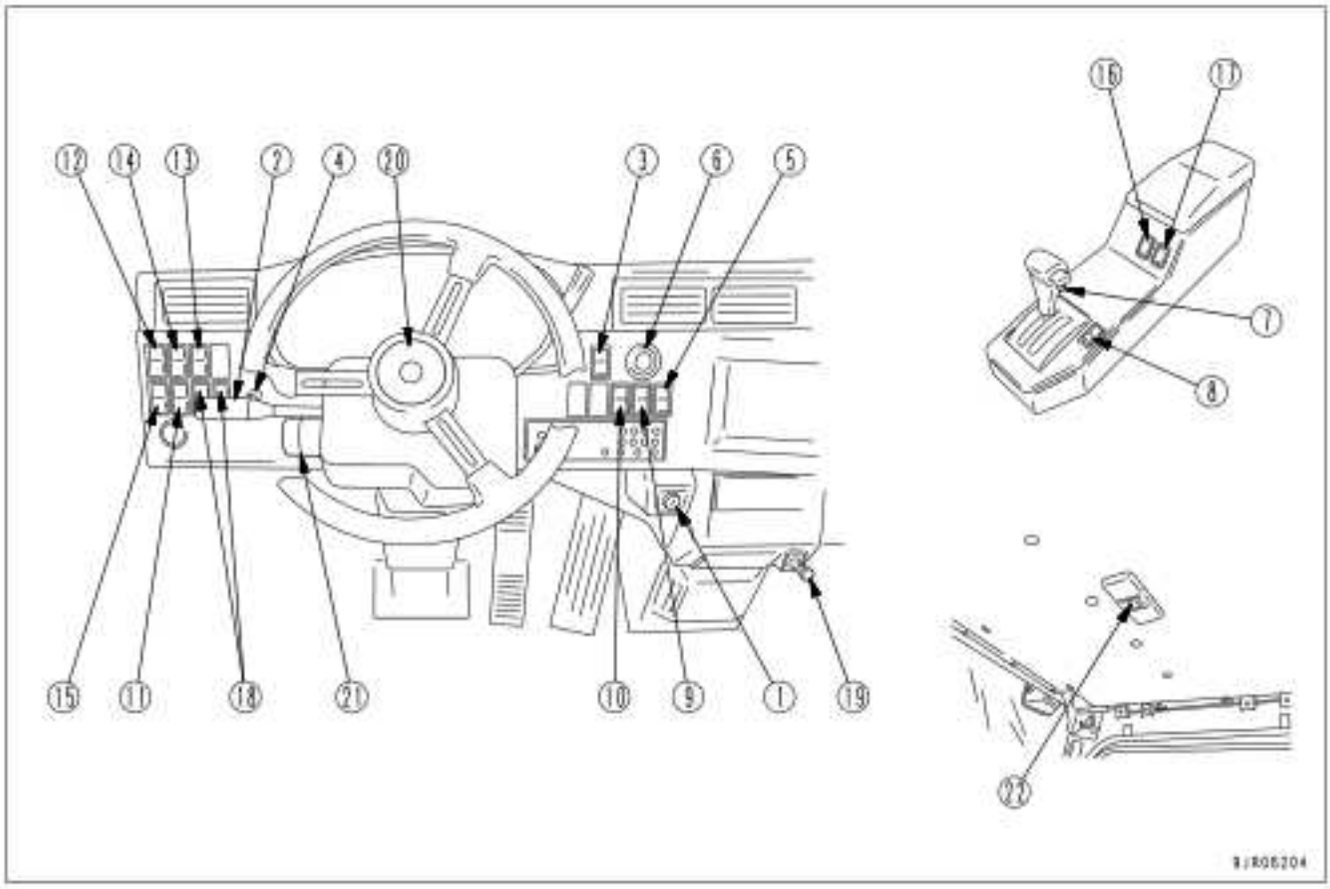
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DUST INDICATOR ---- 3- 47
CIRCUIT BREAKER ---- 3- 47
FUSES ---- 3- 48
CAR RADIO ---- 3- 51
CAR STEREO ---- 3- 57
AIR CONDITIONER ---- 3- 65
OPERATION ---- 3- 70
CHECK BEFORE STARTING ENGINE ---- 3- 70
STARTING ENGINE ---- 3- 86
OPERATIONS, CHECKS AFTER STARTING ENGINE ---- 3- 88
STOPPING ENGINE ---- 3- 89
CHECKS AFTER STOPPING ENGINE ---- 3- 89
MOVING MACHINE OFF (FORWARD, REVERSE), STOPPING ---- 3- 90
SHIFTING GEAR ---- 3- 95
TRAVELING DOWNHILL ---- 3- 97
STEERING THE MACHINE ---- 3-103
OPERATION USING DIFFERENTIAL LOCK ---- 3-104
LOADING OPERATIONS ---- 3-105
DUMP OPERATIONS ---- 3-107
CAB TILT OPERATION ---- 3-109
PRECAUTIONS FOR OPERATION ---- 3-112
PARKING MACHINE ---- 3-113
CHECKS AFTER COMPLETION OF WORK ---- 3-114
LOCKING ---- 3-114
HANDLING TIRES ---- 3-115
DETERMINING AND MAINTAINING TRAVEL ROAD ---- 3-116
DETERMINING TRAVEL ROAD ---- 3-116
MAINTAINING TRAVEL ROAD ---- 3-116
TRANSPORTATION ---- 3-117
PRECAUTIONS WHEN TRANSPORTING ---- 3-117
STEPS FOR TRANSPORTATION ---- 3-117
METHOD OF SECURING MACHINE ---- 3-118
METHOD OF LIFTING MACHINE ---- 3-119
COLD WEATHER OPERATION ---- 3-123
PRECAUTIONS FOR LOW TEMPERATURE ---- 3-123
PRECAUTIONS AFTER COMPLETION OF WORK ---- 3-124
AFTER COLD WEATHER ---- 3-125
LONG-TERM STORAGE ---- 3-126
BEFORE STORAGE ---- 3-126
DURING STORAGE ---- 3-126
AFTER STORAGE ---- 3-126
PRECAUTIONS BEFORE TRAVELING AFTER LONG-TERM STORAGE ---- 3-126
TROUBLESHOOTING ---- 3-127
AFTER RUNNING OUT OF FUEL ---- 3-127
IF TRANSMISSION HAS TROUBLE ---- 3-128
METHOD OF LOWERING DUMP BODY IN EMERGENCY ---- 3-128
METHOD OF TOWING MACHINE ---- 3-129
IF BATTERY IS DISCHARGED ---- 3-133
OTHER TROUBLE ---- 3-137
MAINTENANCE ---- 4- 1

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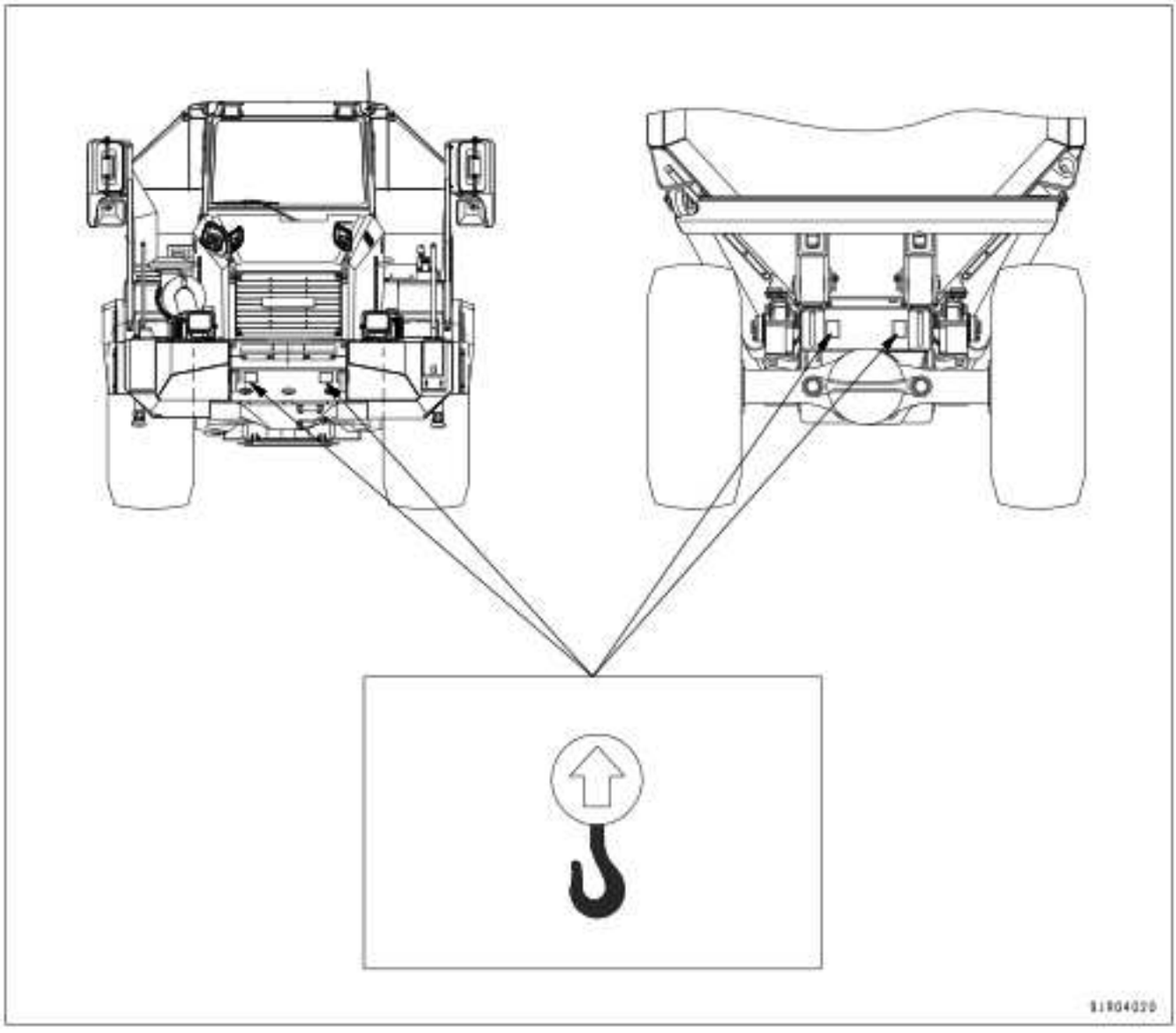
SWITCHES



(1) Starting 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) Switch for rear window glass with heated wire
(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) Cigarette lighter
(20) Horn button
(21) Wiper, window washer switch
(22) Room lamp switch

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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 (53008 lb)	13410 kg (29569 lb)	5670 kg (12502 lb)	4960 kg (10937 lb)	2165 mm (7 ft 1 in)

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SERVICE PROCEDURE

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 prefilter cartridge
- Replace fuel main 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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