CEAM002303

Operation & Maintenance Manual

KOMATSU®

WA120-3
WA120L-3

SERIAL NUMBERS	WA120-3	A30001 and up
	WA120L-3	54001-54103
ENGINE	4D102E-1	

April 2016

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5. CONTENTS

INTRODUCTION

1. FORWARD 0-2

2. SAFETY INFORMATION 0-3

3. INTRODUCTION 0-4
3.1 INTENDED USE 0-4
3.2 FEATURES 0-4
3.3 BREAKING IN A NEW MACHINE 0-4

4. LOCATION OF PLATES, TABLE TO ENTER SERIAL NO. AND DISTRIBUTOR 0-5
4.1 MACHINE SERIAL NO. PLATE POSITION 0-5
4.2 ENGINE SERIAL NO. PLATE POSITION 0-5
4.3 TABLE TO ENTER SERIAL NO. AND DISTRIBUTOR 0-5

5. CONTENTS 0-6

SAFETY

6. GENERAL PRECAUTIONS 1-2

7. PRECAUTIONS DURING OPERATION 1-8
7.1 BEFORE STARTING ENGINE 1-8
7.2 AFTER STARTING ENGINE 1-11
7.3 TRANSPORTATION 1-20
7.4 BATTERY 1-21
7.5 TOWING 1-24

8. PRECAUTIONS FOR MAINTENANCE 1-25
8.1 BEFORE CARRYING OUT MAINTENANCE 1-25
8.2 DURING MAINTENANCE 1-30
8.3 TIRES 1-36

9. POSITION FOR ATTACHING SAFETY LABELS 1-38
9.1 POSITION FOR ATTACHING SAFETY LABELS 1-37

OPERATION

10. GENERAL VIEW 2-2
10.1 GENERAL VIEW OF MACHINE 2-2
10.2 GENERAL VIEW OF CONTROLS AND GAUGES 2-3

11. EXPLANATION OF COMPONENTS 2-5
11.1 METER, LAMPS 2-5
11.2 SWITCHES 2-9
11.3 CONTROL LEVERS, PEDAL 2-15
11.4 CAP WITH LOCK 2-19
11.4.1 METHOD OF OPENING AND CLOSING CAP WITH LOCK 2-19
11.5 SAFETY BAR 2-19
11.6 TOWING PIN 2-20
11.7 GREASE PUMP CLAMP AND RUBBER RING 2-20
11.8 BACKUP ALARM 2-20
11.9 FUSE 2-21
11.9.1 FUSE CAPACITY AND NAME OF CIRCUIT 2-21

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11.10 SLOW BLOW FUSE 2-22
11.11 STORAGE PLACE FOR THIS MANUAL 2-23
11.12 AUXILIARY POWER SOURCE 2-23
11.12.1 FOR MACHINES EQUIPPED WITH ROPS CAB 2-23

12. CHECK BEFORE STARTING ENGINE 2-24
12.1 WALK AROUND CHECK 2-24
12.2 CHECK BEFORE STARTING 2-27
12.2.1 CHECK COOLANT LEVEL, ADD COOLANT 2-27
12.2.2 CHECK FUEL LEVEL, ADD FUEL 2-27
12.2.3 CHECK OIL LEVEL IN ENGINE OIL PAN, ADD OIL 2-28
12.2.4 CHECK AND REFILL OF OIL IN BRAKE OIL TANK 2-28
12.2.5 CHECK DUST INDICATOR 2-29
12.2.6 CHECK ELECTRICAL WIRING 2-29
12.2.7 DRAIN THE WATER FROM THE FUEL-WATER SEPARATOR 2-30
12.2.8 CHECK EFFECT OF PARKING BRAKE 2-30
12.2.9 CHECK EFFECT OF WHEEL BRAKES 2-31
12.2.10 CHECK SOUND OF HORN AND BACKUP ALARM 2-31
12.2.11 CHECK FLASHING OF LAMPS, CHECK FOR DIRT AND DAMAGE 2-31
12.2.12 CHECK ENGINE EXHAUST COLOR AND SOUND 2-31
12.2.13 CHECK OPERATIONS OF GAUGES 2-31
12.2.14 CHECK PLAY OF STEERING WHEEL, CHECK OPERATION OF STEERING 2-31
12.2.15 CHECK DIRECTION OF REAR VIEW MIRROR, CHECK FOR DIRT OR DAMAGE 2-31
12.2.16 CHECK LOCK OF CAB DOOR FOR MACHINES EQUIPPED WITH CAB 2-31
12.3 ADJUSTMENT BEFORE OPERATION 2-32
12.3.1 OPERATOR'S SEAT 2-32
12.3.2 ADJUST SEAT BELT 2-34
12.3.3 ADJUST REAR VEIW MIRRORS 2-35
12.4 OPERATIONS AND CHECKS BEFORE STARTING ENGINE 2-36
12.5 STARTING ENGINE 2-37
12.5.1 NORMAL STARTING PROCEDURES IN COLD AND WARM CONDITIONS 2-37
12.5.2 STARTING PROCEDURES AFTER EXTENDED SHUTDOWN OR OIL CHANGE 2-38
12.5.3 STARTING PROCEDURES AFTER CHANGING FUEL FILTERS 2-38
12.5.4 STARTING PROCEDURES AFTER RUNNING OUT OF FUEL 2-38
12.6 OPERATIONS AND CHECKS AFTER STARTING ENGINE 2-39
12.7 MOVING MACHINE OFF 2-40
12.8 CHANGING GEAR SPEED 2-42
12.9 CHANGING DIRECTION 2-42
12.10 TURNING 2-43
12.11 STOPPING MACHINE 2-44
12.12 OPERATION OF WORK EQUIPMENT 2-45
12.12.1 BOOM OPERATION (LEVER) 2-45
12.12.2 BUCKET OPERATION (LEVER) 2-45
12.13 WORK POSSIBLE USING WHEEL LOADER 2-46
12.13.1 DIGGING OPERATIONS WITH ROCK PILES 2-46
12.13.2 DIGGING OPERATIONS ON LEVEL GROUND 2-47
12.13.3 LEVELING OPERATION 2-48
12.13.4 PUSHING OPERATIONS 2-48
12.13.5 LOAD AND CARRY OPERATIONS 2-48
12.13.6 LOADING OPERATIONS 2-49
12.14 PRECAUTIONS FOR OPERATION 2-50
12.14.1 PERMISSIBLE WATER DEPTH 2-50
12.14.2 IF WHEEL BRAKE DOES NOT WORK 2-50
12.14.3 PRECAUTIONS WHEN DRIVING UP OR DOWN SLOPES 2-50
12.14.4 PRECAUTIONS WHEN DRIVING MACHINE 2-51
12.15 ADJUSTING WORK EQUIPMENT POSTURE 2-52
12.15.1 ADJUSTING BOOM KICKOUT 2-52
12.15.2 ADJUSTING BUCKET POSITIONER 2-53
12.15.3 BUCKET LEVEL INDICATOR 2-53

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12.16 PARKING MACHINE 2-54
12.17 CHECKS AFTER COMPLETION OF ENGINE OPERATION 2-55
12.18 STOPPING ENGINE 2-55
12.19 CHECKS AFTER STOPPING ENGINE 2-56
12.20 LOCKING 2-56
12.21 HANDLING THE TIRES 2-57
12.21.1 PRECAUTIONS WHEN HANDLING THE TIRES 2-57
12.21.2 TIRE PRESSURE 2-57

13. TRANSPORTATION 2-59
13.1 LOADING, UNLOADING WORK 2-59
13.2 PRECAUTION FOR LOADING 2-60
13.3 PRECAUTION FOR LIFTING UP THE VEHICLE 2-60
13.3.1 THE LOCATION OF DECALS REFERRING TO LIFTING POSITIONS 2-61
13.3.2 WEIGHT LIST 2-61
13.3.3 LIFTING PROCEDURE 2-62

14. COLD WEATHER OPERATIONS 2-63
14.1 PRECAUTIONS FOR LOW TEMPERATURE 2-63
14.1.1 FUEL AND LUBRICANTS 2-63
14.1.2 COOLANT 2-63
14.1.3 BATTERY 2-64
14.2 PRECAUTIONS AFTER COMPLETION OF WORK 2-65
14.3 AFTER COLD WEATHER 2-65

15. LONG TERM STORAGE 2-66
15.1 BEFORE STORAGE 2-66
15.2 DURING STORAGE 2-66
15.3 AFTER STORAGE 2-66

16. TROUBLESHOOTING 2-67
16.1 WHEN MACHINE RUNS OUT OF FUEL 2-67
16.2 TOWING THE MACHINE 2-68
16.2.1 WHEN ENGINE CAN BE USED 2-70
16.2.2 WHEN ENGINE CANNOT BE USED 2-70
16.3 IF BATTERY IS DISCHARGED 2-71
16.3.1 REMOVAL AND INSTALLATION OF BATTERY 2-71
16.3.2 PRECAUTIONS FOR CHARGING BATTERY 2-72
16.3.3 STARTING ENGINE WITH BOOSTER CABLE 2-73
16.4 OTHER TROUBLE 2-75
16.4.1 ELECTRICAL SYSTEM 2-75
16.4.2 CHASSIS 2-76
16.4.3 ENGINE 2-79

MAINTENANCE

17. GUIDES TO MAINTENANCE 3-2

18. OUTLINES OF SERVICE 3-5
18.1 OUTLINE OF OIL, FUEL, COOLANT 3-5
18.1.1 OIL 3-5
18.1.2 FUEL 3-6
18.1.3 COOLANT 3-6
18.1.4 GREASE 3-7
18.1.5 STORING OIL AND FUEL 3-7
18.1.6 FILTERS 3-7
18.2 OUTLINE OF ELECTRIC SYSTEM 3-8

19. WEAR PARTS LIST 3-9

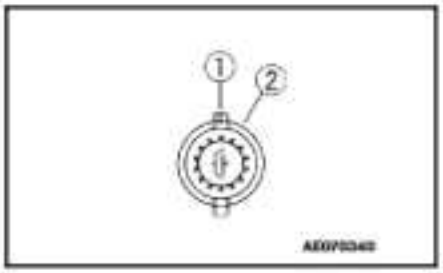
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2. TRANSMISSION CUT-OFF SWITCH

⚠ WARNING

If the machine has to be stared on a slope, always turn the transmission cut-off switch to OFF and depress the left brake pedal. Then depress the accelerator pedal while releasing the left brake pedal to start the machine off slowly.

Normally, put this switch in ON position.
Position (1) (OFF) Acts as a normal brake (like right brake pedal).
Position (2) (ON): Acts as normal brake, but also switches transmission to NEUTRAL.
If the switch is ON, the transmission cut-off pilot lamp will light up.



3. WORKING LAMP SWITCH

⚠ WARNING

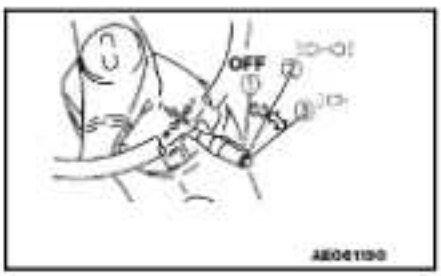
Always turn the working lamp off before traveling on public roads.

When the working lamps are turned ON, the pilot lamp lights up.
Position (1): OFF
Position (2): Lights up



4. LAMP SWITCH

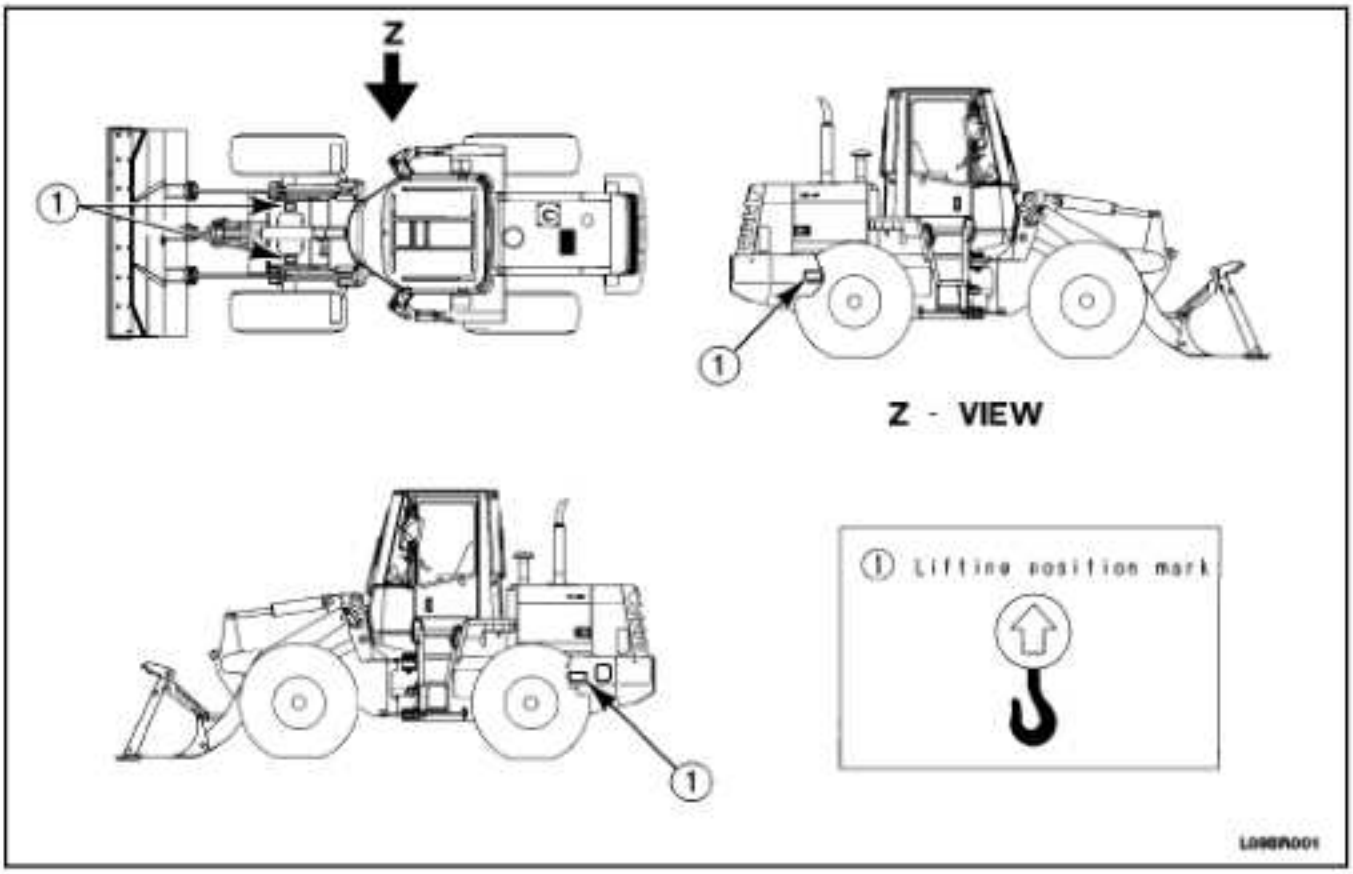
This is used to light up the head lamps, side clearance lamps, tail lamps, and instrument panel lighting.
(1) OFF
(2) position: Side clearance lamp, tail lamps, and gauge lighting light up
(3) position: Head lamps light up in addition to lamps at ②position



REMARKS
The lamp switch can be operated regardless of the position of the lever.

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13.3.1 THE LOCATION OF DECALS REFERRING TO LIFTING POSITIONS

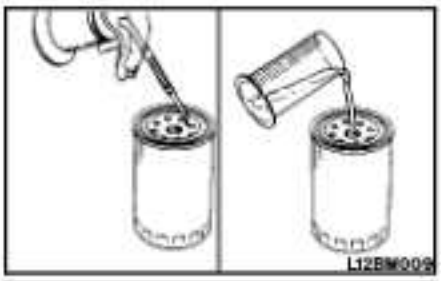


13.3.2 WEIGHT LIST

	VEHICLE WEIGHT	FRONT AXLE WEIGHT	REAR AXLE WEIGHT	POSITION OF THE CENTER OF GRAVITY (FROM FRONT AXLE)
WA120-3	7810 kg	3225 kg	4585 kg	1525 mm

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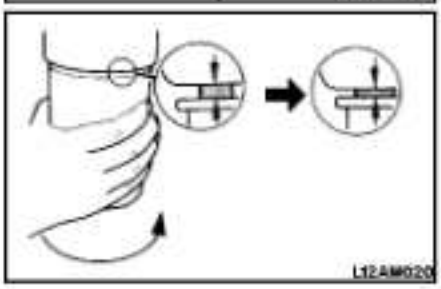
5. Fill the new filters with clean diesel fuel. Then, apply a thin coat of clean engine oil to the seal of the filter.



6. Install the filters on the filter header until the filter seal contacts the seal surface of the filter header and then, turn the filter an additional 1/2 to 3/4 turn by hand.

   Do not over tighten the filter or damage may result to the filter seal or threads.

   Use genuine filters.



7. After replacing the filters, start the engine and idle it for a few minutes. Check the filters for possible fuel leakage.

8. Close the engine hood.

NOTE: Controlled venting is provided at the injection pump through the fuel drain manifold. Small amounts of air introduced by changing the filters or injection pump supply line will be vented automatically, if the fuel filter is changed in accordance with the instructions.

However, manual bleeding will be required if:

- The fuel filter is not filled prior to installation.
- The injection pump is replaced.
- High pressure fuel lines are replaced.

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