SEAM021800

Operation & Maintenance Manual

KOMATSU®

D575A-2

BULLDOZER

SERIAL NUMBERS D575A-2 - 10035 and up

May 1998

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5. CONTENTS

1. FORWARD 0-1

2. SAFETY INFORMATION 0-2

3. INTRODUCTION 0-3
   - 3.1 INTENDED USE 0-3
   - 3.2 FEATURES 0-3
   - 3.3 BREAKING IN THE MACHINE 0-3

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

SAFETY

6. GENERAL PRECAUTIONS 1-2

7. PRECAUTIONS DURING OPERATION 1-8
   - 7.1 BEFORE STARTING ENGINE 1-8
   - 7.2 AFTER STARTING ENGINE 1-10

8. PRECAUTIONS FOR MAINTENANCE 1-18
   - 8.1 BEFORE CARRYING OUT MAINTENANCE 1-18
   - 8.2 DURING MAINTENANCE 1-22

9. POSITION FOR ATTACHING SAFETY LABELS 1-27

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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 **2-4**
11.1 MONITOR PANEL 2-4
11.2 SWITCHES 2-17
11.3 CONTROL LEVERS AND PEDALS 2-20
11.4 FUSE BOX 2-24
11.5 DOOR LOCK 2-25
11.6 CAP WITH LOCK 2-26
11.7 HANDLING OF ENGINE OIL FILLER CAP 2-27
11.8 OPERATING THE CAB 2-28
11.9 OPERATING THE AIR CONDITIONER 2-35
11.10 CONTROLLER 2-41

12. OPERATION **2-43**
12.1 CHECK BEFORE STARTING ENGINE 2-43
12.2 STARTING ENGINE 2-52
12.3 OPERATIONS AND CHECKS AFTER STARTING ENGINE 2-56
12.4 MOVING MACHINE 2-58
12.5 SHIFTING GEAR 2-59
12.6 SHIFTING BETWEEN FORWARD AND REVERSE 2-60
12.7 STEERING MACHINE 2-61
12.8 STOPPING MACHINE 2-64
12.9 PRECAUTIONS FOR OPERATION 2-65
12.10 WORK POSSIBLE USING BULLDOZER 2-67
12.11 OPERATING RIPPER 2-68
12.12 ADJUSTMENT OF WORK EQUIPMENT 2-72
12.13 PARKING MACHINE 2-75
12.14 CHECK AFTER FINISHING WORK 2-76
12.15 STOPPING ENGINE 2-77
12.16 CHECK AFTER STOPPING ENGINE 2-78
12.17 LOCKING 2-78
12.18 TIPS FOR LONGER UNDERCARRIAGE LIFE 2-79

13. HANDLING ACCUMULATOR **2-85**
13.1 RELEASING REMAINING PRESSURE IN ACCUMULATOR CIRCUIT 2-85

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14. COLD WEATHER OPERATION **2-86**
14.1 PRECAUTIONS FOR LOW TEMPERATURE 2-86
14.2 AFTER COMPLETION OF WORK 2-88
14.3 AFTER COLD WEATHER 2-88

15. LONG-TERM STORAGE (MORE THAN ONE MONTH) **2-89**
15.1 BEFORE STORAGE 2-89
15.2 DURING STORAGE 2-90
15.3 AFTER STORAGE 2-90

16. TROUBLESHOOTING **2-91**
16.1 AFTER RUNNING OUT OF FUEL 2-91
16.2 IF BATTERY IS DISCHARGED 2-91
16.3 OTHER TROUBLE 2-96
16.4 WHEN MODE SELECTION SYSTEM CAUTION LAMP FLASHES 2-98

MAINTENANCE

17. GUIDES TO MAINTENANCE **3-2**

18. OUTLINES OF SERVICE **3-5**
18.1 OUTLINE OF OIL, FUEL, COOLANT 3-5
18.2 RELATING TO ELECTRIC SYSTEM 3-8

19. WEAR PARTS LIST **3-9**

20. USE OF FUEL, COOLANT AND LUBRICANTS **3-10**

21. STANDARD TIGHTENING TORQUES FOR BOLTS AND NUTS **3-14**
21.1 INTRODUCTION OF NECESSARY TOOLS 3-14
21.2 TORQUE LIST 3-15

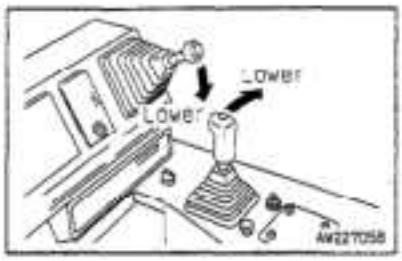
22. PERIODIC REPLACEMENT OF SAFETY CRITICAL PARTS **3-16**

23. MAINTENANCE SCHEDULE CHART **3-19**
23.1 MAINTENANCE SCHEDULE CHART 3-19

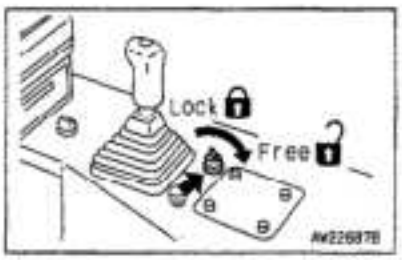
24. SERVICE PROCEDURE **3-22**
24.1 INITIAL 250 HOURS SERVICE 3-22
24.2 WHEN REQUIRED 3-23
24.3 CHECK BEFORE STARTING 3-40
24.4 EVERY 250 HOURS SERVICE 3-45
24.5 EVERY 500 HOURS SERVICE 3-54
24.6 EVERY 1000 HOURS SERVICE 3-58
24.7 EVERY 2000 HOURS SERVICE 3-62
24.8 EVERY 4000 HOURS SERVICE 3-69

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5. Put blade control lever ⑤ and ripper control lever ⑤ in the LOWER positions to lower blade and ripper to the ground.

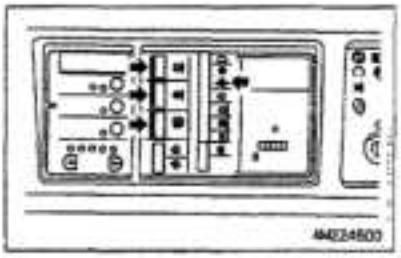


6. Lock blade control lever ⑥ and ripper control lever ⑥ with safety locks ⑦.



12.14 CHECK AFTER FINISHING WORK

1. Check the gauges and caution lamps for engine water tmeperature, engine oil pressure, fuel level and power train oil temperature.



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24.5 EVERY 500 HOURS SERVICE

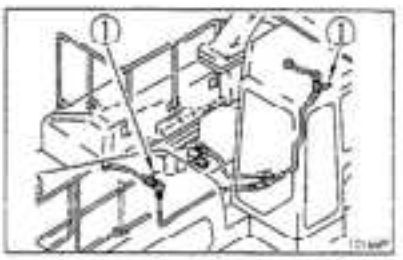
Maintenance for every 250 hours should be carried out at the same time.

24.5.1 REPLACE FUEL FILTER CARTRIDGE

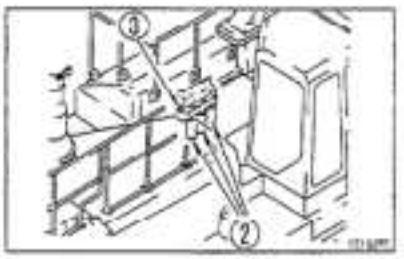
⚠ WARNING

- **Engine is at high temperature immediately after the machine has been operated. Wait for engine to cool down before replacing the filter.**
- **Do not bring fire or sparks near the fuel.**
- **When bleeding the air, be careful not to let the fuel overflow. It may cause a fire.**

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



1. Set the container to catch the fuel under the filter cartridge.
2. Close valves ①.
3. Using a filter wrench, turn filter cartridge ② counterclockwise to remove it.



4. Clean the filter holder, fill a new filter cartridge with clean fuel, coat the packing surface with engine oil, then install it to the filter holder.
5. When installing, tighten until the packing surface contacts the seal surface of the filter holder, then tighten it up 1/2 to 3/4 of a turn.
   If the filter cartridge is tightened too far, the packing will be damaged and this will lead to leakage of fuel. If the filter cartridge is too loose, fuel will also leak from the packing, so always tighten to the correct amount.
6. Open valves ① and loosen air bleeding plug ③.

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25. SPECIFICATIONS

OPERATING WEIGHT (without operator)			129600 kg (285800 lb)
(with semi-U dozer, variable giant ripper, 760 mm (30 in) shoe, ROPS cab, and air conditioner)			
PERFORMANCE			
• Travel speed	Forward	1st	3.7 km/h (2.3 MPH)
		2nd	6.8 km/h (4.2 MPH)
		3rd	12.0 km/h (7.5 MPH)
	Reverse	1st	4.5 km/h (2.8 MPH)
		2nd	8.0 km/h (5.0 MPH)
		3rd	13.8 km/h (8.6 MPH)
BLADE			
• Weight of attachment (incl. tilt cylinder and cylinder support)			11320 kg (24960 lb)
• Max. tilt			1380 mm (4 ft 6 in)
RIPPER (variable giant ripper)			
• Weight of attachment			10380 kg (22890 lb)
• Digging angle			Standard 45° (possible to adjust steplessly between 34° and 61°)
ENGINE			
• Model			Komatsu SA12V170 diesel engine
• Flywheel horsepower			783 kW (1050 HP)/1900 rpm
• Maximum torque			5000 Nm (510 kgm)/1300 rpm
• Starting motor			24 V 11 kW x 2 pieces
• Alternator			24 V 75 A
• Battery			12V 200 Ah x 4 pieces

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