



SERVICE MANUAL



SHOP MANUAL KOMATSU WA450-2 WHEEL LOADER

MACHINE MODEL

WA450-2

SERIAL NUMBERS

A25001 and up

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CONTENTS

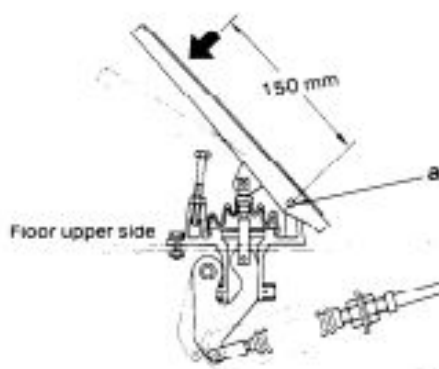
	No. of page
10 ENGINE	
12 TESTING AND ADJUSTING	12-1
13 DISASSEMBLY AND ASSEMBLY	13-1
14 MAINTENANCE STANDARD	14-1
20 POWER TRAIN	
21 STRUCTURE AND FUNCTION	21-1
22 TESTING AND ADJUSTING	22-1
23 DISASSEMBLY AND ASSEMBLY	23-1
24 MAINTENANCE STANDARD	24-1
40 STEERING SYSTEM	
41 STRUCTURE AND FUNCTION	41-1
42 TESTING AND ADJUSTING	42-1
43 DISASSEMBLY AND ASSEMBLY	43-1
44 MAINTENANCE STANDARD	44-1
50 BRAKE AND AIR SYSTEM	
51 STRUCTURE AND FUNCTION	51-1
52 TESTING AND ADJUSTING	52-1
53 DISASSEMBLY AND ASSEMBLY	53-1
54 MAINTENANCE STANDARD	54-1
60 WORK EQUIPMENT SYSTEM	
61 STRUCTURE AND FUNCTION	61-1
62 TESTING AND ADJUSTING	62-1
63 DISASSEMBLY AND ASSEMBLY	63-1
64 MAINTENANCE STANDARD	64-1
80 ELECTRIC AND ELECTRONIC SYSTEM	
81 STRUCTURE AND FUNCTION	81-1
82 TESTING AND ADJUSTING	82-1
83 DISASSEMBLY AND ASSEMBLY	83-1
90 OTHERS	
91 LOGGING SPECIFICATIONS	91-1
93 DISASSEMBLY AND ASSEMBLY	93-1
97 GEAR PUMP	97-1
99 METRIC CONVERSION TABLE	99-1

MEASURING ACCELERATOR PEDAL OPERATING FORCE AND OPERATING ANGLE

- ★ Measurement condition
- Coolant temperature: Inside operating range

Special tool

Part name	Push-pull scale
Part number	A 79A-262-0020
Quantity	1 EA

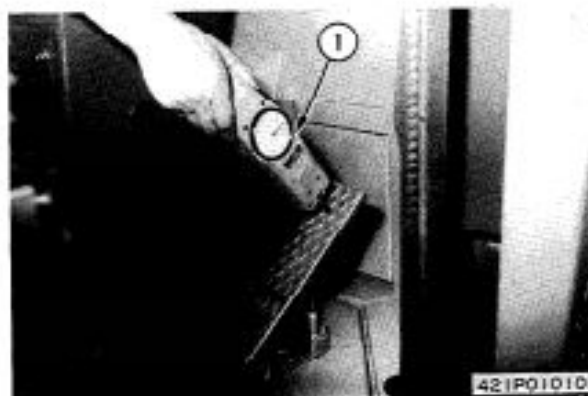


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OPERATING FORCE

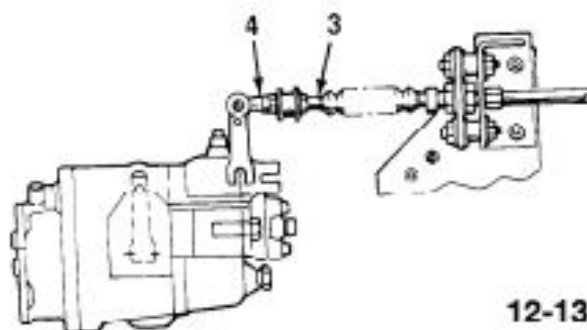
1. Measuring procedure

- 1) Put push-pull scale ○ in contact with the accelerator pedal at point 150 mm from pedal fulcrum "a".
- ★ The center of push-pull scale ○ must be in contact with a point 150 mm from the pedal fulcrum.
- 2) Start the engine, push the pedal in the direction of operation and measure the maximum value when pushing from idling to the end of the pedal travel (high idling).



2. Testing and adjusting

- 1) Stop the engine.
- 2) Disconnect cable (1) at the bottom of the accelerator pedal, and check that there is no defective movement at plate (2) at the bottom of the pedal.
- 3) Connect cable (1) at the bottom of the pedal, then disconnect again at the connection of the injection pump, and check if there is any defective movement in cable (3) or ball joint (4).
- ★ When carrying out this inspection, adjust or replace parts as necessary. Measure the operating force again and check that it is within the standard value.



12-13



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