SEBMW00801

SHOP MANUAL

KOMATSU®

HS150S-11

MACHINE MODEL	SERIAL NUMBER
HS150S-11	2102 and up

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WEIGHT TABLE

Unit: kg

Machine model	HS150S-11
Serial No.	2102
Engine assembly	1,100
Output shaft assembly	65
Cooling assembly	105
Fuel tank (individual part)	110
Torque converter assembly	250
Transmission assembly	660
Drive shaft assembly (front)	12
Drive shaft assembly (rear)	56
Rear axle assembly	(1,994)
• Differential	223
• Rear axle housing	554
• Final drive (one side)	670×2
• Rear brake (one side)	255×2
• Parking brake	36
• Front axle assembly	(310)
• Front axle (one side)	90×2
• Front brake (one side)	65×2
Front suspension sylinder (one side)	200×2
Frame assembly	4,700
Cab (including interior componentes)	750
Operator's seat	40
Steering cylinder (one side)	19×2
Hoist cylinder (one side)	1200
Demand valve	26
Steering valve	7
Hoist valve	40
Hydraulic tank	200
Hydraulic pump (SAR(3)-63+63H)	23
Hydraulic pump (SAR(3)-63+20)	20
Hydraulic pump (SAR(3)-63)	18
Arm assembly	5,000
Table assembly	12,000

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LIST OF LUBRICANTS AND WATER

RESERVOIR	KIND OF FLUID	AMBIENT TEMPERATURE -30 -20 -10 0 10 20 30 40°C	CAPACITY (ℓ) Specified	Refill
Engine oil pan	Engine oil	SAE 30CD; SAE 10WCD; SAE 10W-30CD; SAE 15W-40CD	27	25
Transmission case	Engine oil	SAE 30CD; SAE 10WCD	130	55
Front brake oil tank	Engine oil		2	—
Hydraulic tank	Engine oil	SAE 10WCD	420	200
Front suspension	Engine oil	SAE 10WCD	Left and right, 9 each	—
Rear suspension	Engine oil	SAE 10WCD	Left and right, 8 each	—
Differential gear case	Engine oil	SAE 30CD	18	18
Final drive case	Engine oil	SAE 30CD	Left and right, 7 each	Left and right, 7 each
Fuel tank	Diesel fuel	ASTM D975 No. 2; *	380	—
Cooling system	Water	Add Komatsu genuine super coolant (AF-ACL)	48	45

* ASTM D975 No.1

FUEL, OIL
Use the correct type for the ambient temperature as shown in the table above.

COOLANT
Komatsu genuine super coolant (AF-ACL) is added to the cooling water, so there is no need to change it for temperatures down to -10°C.
If the temperature goes below -10°C, adjust the density. For details, see the Operation and Maintenance Manual.

★ Specified capacity: Total amount of oil including oil for components and oil in piping
Refill capacity: Amount of oil needed to refill system during normal inspection and maintenance.

★ When starting the engine in an ambient temperature of less than 0° C, always use SAE10W, SAE10W-30, or SAE15W-40, even though the temperature goes up to 10°C during the daytime.

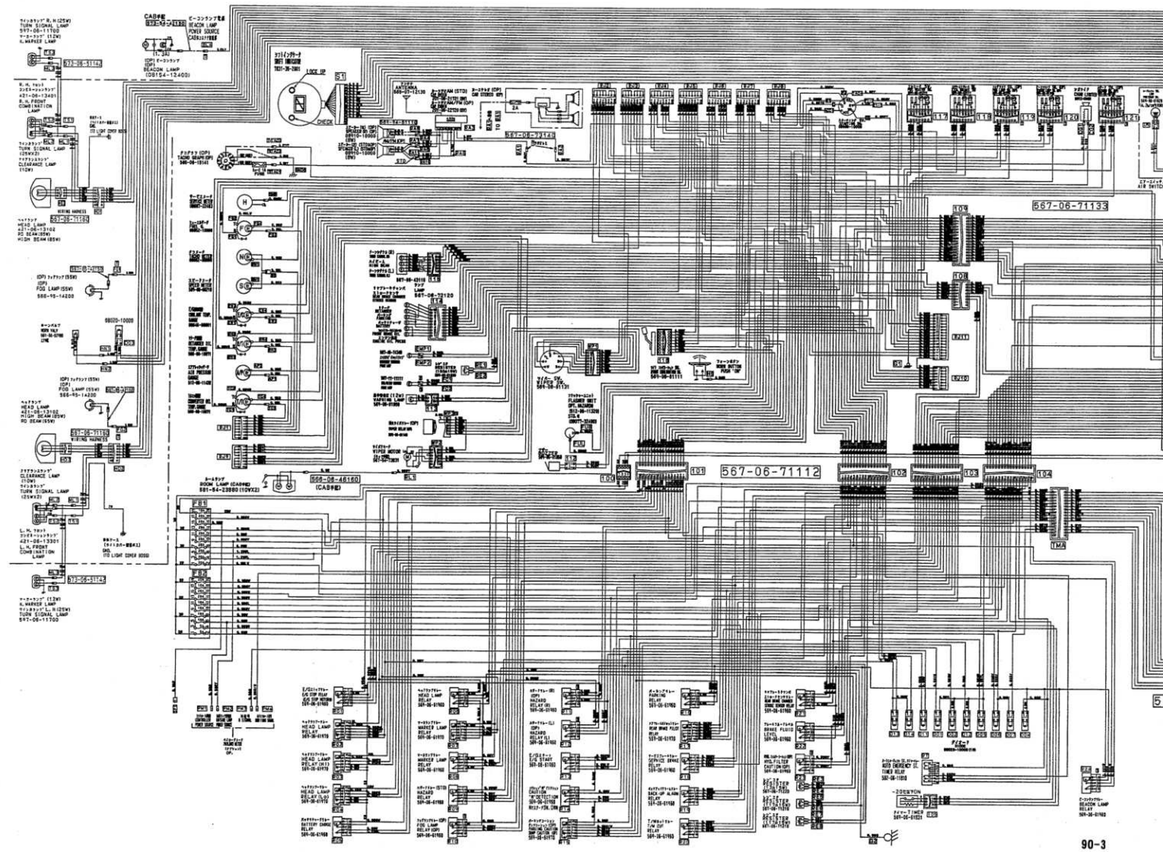
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10 STRUCTURE AND FUNCTION

Power train skeleten 10-2
Hydraulic circuit diagram for torque converter, transmission , and brake cooling 10-4
Hydraulic system diagram for torque converter, transmission , and brake cooling 10-6
Torque converter 10-8
Main relief valve 10-10
Torque converter valve 10-12
Transmission 10-17
Transmission valve 10-20
ECMV (Electronic Control Modulation Valve) 10-21
Front axle 10-26
Rear axle 10-27
Idle axle 10-28
Differential 10-30
Final drive 10-31
Front brake 10-32
Rear brake 10-33
Parking brake 10-34
Steering column 10-35
Steering linkage 10-36
Demand valve 10-37
Crossover relief valve 10-40
Steering valve 10-41
Front suspension 10-42
Rear suspension cylinder 10-43
Air curcuit digram 10-44
Air governor 10-46
Safetey valve 10-48
Check valve 10-48
Double check valve 10-49
Hand brake valve 10-50
Brake valve 10-52
Parking brake control valve 10-55
Brake relay valve (Acts as emergency relay) 10-57
Parking relay valve 10-60
Spring cylinder 10-63
Slack adjuster 10-64
Front brake chamber 10-65
Rear brake chamber 10-66
Steering , hoist hydraulic circuit diagram 10-68
Hoist valve 10-70
Hoist cylinder 10-71
Electric circuit diagram 10-72
Automatic shift control system 10-78
Automatic retarder valve 10-84
Horn valve 10-85
Wiper switch 10-85
Sensor, switches 10-86
Meter lamp 10-95

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ELECTRIC CIRCUIT DIAGRAM


567-06-71133
567-06-71112
567-06-71122
567-06-71143
567-06-71142
573-06-65150
CAB
IN SIDE CAB
OUT SIDE CAB
ENGINE, EARTH
E/GND
ENG. GROUND
ENGINE STOP MOTOR (11A)
600-815-7680
SHIFT LEVER
SHIFT POSITION CONTROLLER
TRANSMISSION CONTROLLER
TRANSMISSION GEAR SHIFT LEVER
7861-42-4032
ACCEL SENSOR
アクセルセンサ
TRANSMISSION CONTROLLER
TRANSMISSION GEAR SHIFT LEVER
FUEL TANK
FUEL LEVEL SENSOR
FUEL TANK GAUGE
COMBINATION LAMP (R)
COMBINATION LAMP (L)
TAIL LAMP (RH)
TAIL LAMP (LH)
STOP LAMP (RH)
STOP LAMP (LH)
TURN SIGNAL LAMP (RH)
TURN SIGNAL LAMP (LH)
FITTING HOIST CONNECTOR
POWER SOURCE
HORN
HORN
HORN