SEBMW00401

SHOP MANUAL

KOMATSU®

HD325-6
HD405-6
HD465-5
HD605-5
HD785-5

DUMP TRUCK

MACHINE MODEL	SERIAL NUMBER
HD325-6	5680 and up
HD405-6	1055 and up
HD465-5	4626 and up
HD605-5	1013 and up
HD785-5	4001 and up

TRANSMISSION CONTROL SYSTEM (FAIL TO RANGE)

- This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require.
  Materials and specifications are subject to change without notice.

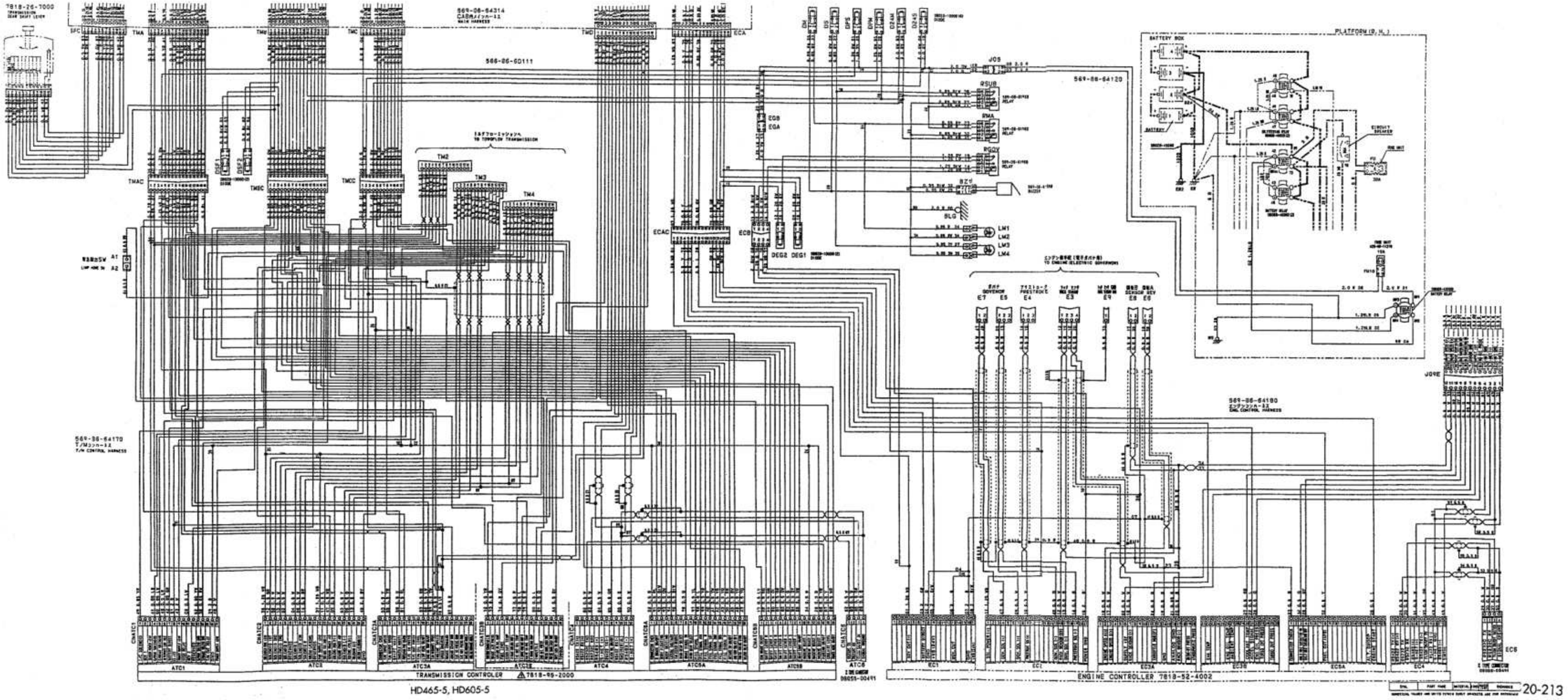
MidWestTech | Komatsu HD325-6, HD405-6, HD465-5, HD605-5, HD785-5 Rigid Dump Truck Service Manual | Publication SEBMW00401
Order the manual at mid-west-tech.com >

CONTENTS

	EXSISTING PAGE			T/M CONTROLL FAIL TO RANGE SYSTEM
	HD325-6 HD405-6	HD465-5 HD605-5	HD785-5	
10 STRUCTURE AND FUNCTION				
AUTOMATIC SHIFT CONTROL SYSTEM	10-123	10-124	10-122	10-2
SYSTEM DIAGRAM	10-123	10-124	10-122	10-2
ELECTRICAL CIRCUIT DIAGRAM	10-125	10-126	10-124	10-5
TRANSMISSION CONTROLLER	10-126	10-127	10-125	10-6
CONNECTOR SIGNALS	10-128	10-128	10-126	10-7
SELF-DIAGNOSTIC FUNCTION	10-135	10-128	10-135	10-7
SHIFT LEVER POSITION AND AUTOMATIC GEAR SHIFTING RANGES	10-129	10-129	10-127	10-8
AUTOMATIC GEAR SHIFTING LINE GRAPH	10-130	10-130	10-128	10-9
SHIFT LEVER SWITCH	10-132	10-132	10-130	10-11
SENSORS, SWITCHES	10-133	10-133	10-131	10-12
ENGINE SPEED SENSOR	10-133	10-133	10-131	10-12
TRANSMISSION SPEED SENSOR	10-133	10-133	10-131	10-12
TRANSMISSION OIL TEMPERATURE SENSOR	10-133	10-133	10-131	10-12
FILL SWITCH	10-134	10-136	10-132	10-13
ACCELERATOR SENSOR	10-134	10-136	10-133	10-14
SHIFT LIMIT SWITCH	10-135	10-136	10-134	10-15
MODE SELECTOR SWITCH	10-135	10-136	10-134	10-15
20 TESTING AND ADJUSTING				
TESTING AND ADJUSTING PARKING BRAKE PARFORMANCE	20-42	20-37	20-124	20-2
METHOD FOR EMERGENCY ESCAPE WHEN THERE IS FAILURE IN ELECTRICAL SYSTEM	—	—	20-147	20-3
TROUBLE SHOOTING	20-101	20-101	20-101	20-101
SELF-DIAGNOSTIC DISPLAY METHOD FOR MONITOR PANEL AND CONTROLLERS	20-154	20-156	—	20-156
TROUBLESHOOTING OF ENGINE CONTROLLER SYSTEM (G MODE) HD325-6 : 6001 and up, HD405-6 : 2001 and up	—	20-201	—	20-201
TROUBLESHOOTING OF ENGINE CONTROLLER SYSTEM (ELECTRONIC GOVERNOR SPECIFICATION G MODE) HD465-5 : 4626 and up, HD605-5 : 1013 and up	20-1101	—	—	20-301
TROUBLESHOOTING OF TRANSMISSION CONTROLLER SYSTEM (A MODE) HD325-6 : 5680 - 6000, HD405-6 : 1055-2000 HD465-5 : 4626 and up, HD605-5 : 1013 and up HD785-5 : 4001 and up	20-301	20-401	20-501	20-401
TROUBLESHOOTING OF TRANSMISSION CONTROLLER SYSTEM (A MODE) HD325-6 : 6001 and up, HD405-6 : 2001 and up		—	—	20-501
90 OTHERS				
ELECTRICAL CIRCUIT DIAGRAM FOR TRANSMISSION CONTROLLER SYSTEM HD325-6 : 5680 - 6000, HD405-6 : 1055-2000	90-15	—	—	90-3
ELECTRICAL CIRCUIT DIAGRAM FOR TRANSMISSION CONTROLLER SYSTEM HD465-5 : 4626 and up, HD605-5 : 1013 and up	—	90-17	—	90-4
ELECTRICAL CIRCUIT DIAGRAM FOR TRANSMISSION CONTROLLER SYSTEM HD785-5 : 4001 and up	—	—	90-25	90-5
ELECTRICAL CIRCUIT DIAGRAM FOR TRANSMISSION CONTROLLER SYSTEM HD325-6 : 6001 and up, HD405-6 : 2001 and up	90-15-2	—	—	90-6
ELECTRICAL CIRCUIT DIAGRAM FOR TRANSMISSION CONTROLLER SYSTEM with ARSC[Automatic retarder speed controller system] HD325-6 : 6001 and up, HD405-6 : 2001 and up	—	—	—	90-7

MidWestTech | Komatsu HD325-6, HD405-6, HD465-5, HD605-5, HD785-5 Rigid Dump... Order the manual at mid-west-tech.com >

ELECTRICAL CIRCUIT DIAGRAM FOR ENGINE CONTROLLER SYSTEM



MidWestTech | Komatsu HD325-6, HD405-6, HD465-5, HD605-5, HD785-5 Rigid Dump Truck Service Manual | Publication SEBMW00401
Order the manual at mid-west-tech.com >