TEN00342-01

Operation & Maintenance Manual

BULLDOZER

D155AX-6

SERIAL NUMBERS 81017 and up

ecot3

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

KOMATSU®

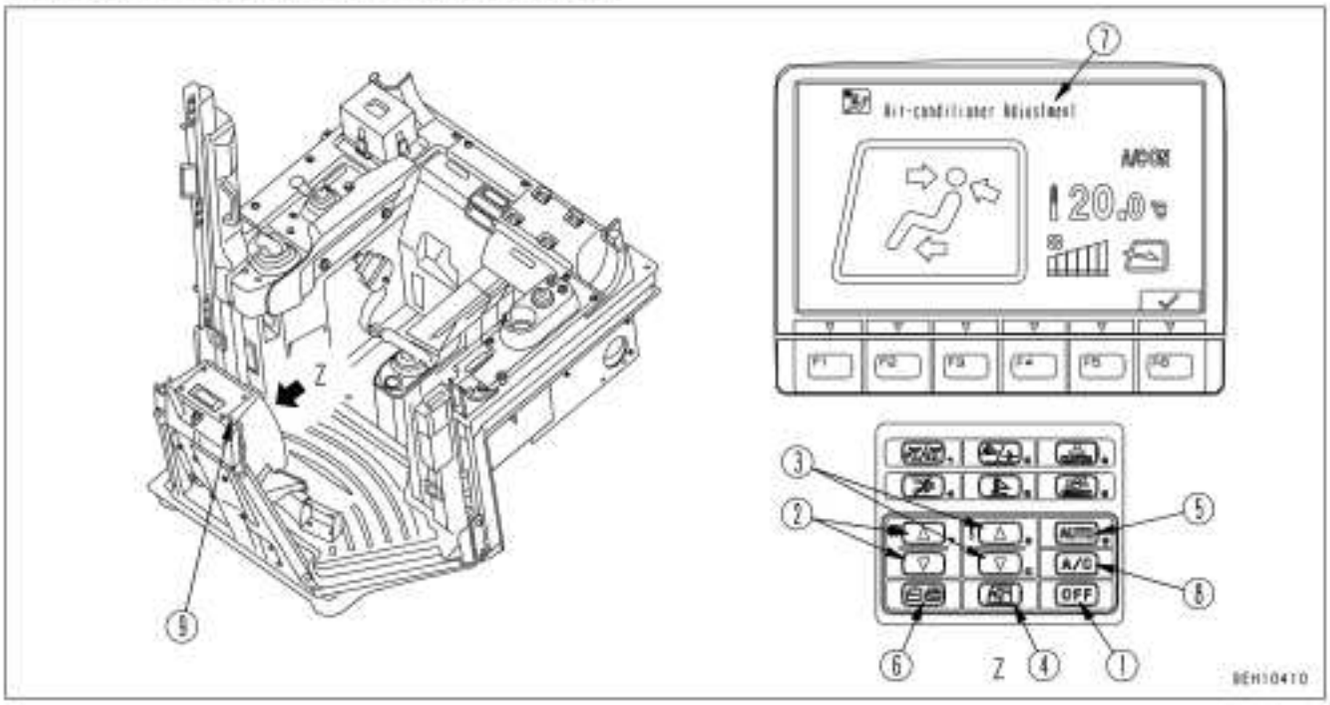
MidWestTech | Komatsu D155AX-6 Bulldozer Operation & Maintenance Manual | Publicati... Order the manual at mid-west-tech.com >

CAP WITH LOCK ---- 3- 70
DOOR POCKET ---- 3- 72
ASHTRAY ---- 3- 72
CAR RADIO, HANDLING ---- 3- 73
CAR STEREO, HANDLING ---- 3- 78
HANDLING AIR CONDITIONER ---- 3- 85
OPERATION ---- 3- 99
CHECK BEFORE STARTING ENGINE, ADJUST ---- 3- 99
STARTING ENGINE ---- 3-124
OPERATIONS AND CHECKS AFTER STARTING ENGINE ---- 3-128
STOPPING ENGINE ---- 3-132
MOVING MACHINE ---- 3-133
STOPPING MACHINE ---- 3-135
SHIFTING GEAR ---- 3-136
SHIFTING BETWEEN FORWARD AND REVERSE ---- 3-142
STEERING MACHINE ---- 3-144
PRECAUTIONS FOR OPERATION ---- 3-146
PARKING MACHINE ---- 3-148
CHECK AFTER STOPPING ENGINE ---- 3-149
CHECK AFTER FINISHING WORK ---- 3-150
LOCKING ---- 3-150
RIPPER OPERATION ---- 3-151
OPERATING METHOD FOR RIPPING OPERATIONS ---- 3-154
WORK POSSIBLE USING BULLDOZER ---- 3-160
ADJUSTING POSTURE OF WORK EQUIPMENT ---- 3-162
TIPS FOR LONGER UNDERCARRIAGE LIFE ---- 3-171
TRANSPORTATION ---- 3-175
LOADING, UNLOADING WORK ---- 3-175
METHOD OF LIFTING MACHINE ---- 3-178
PRECAUTIONS FOR TRANSPORTATION ---- 3-180
TRAVELING ON ROADS ---- 3-180
REMOVAL OF CAB ---- 3-181
COLD WEATHER OPERATION ---- 3-183
PRECAUTIONS FOR LOW TEMPERATURE ---- 3-183
AFTER COMPLETION OF WORK ---- 3-185
AFTER COLD WEATHER ---- 3-185
LONG-TERM STORAGE ---- 3-186
BEFORE STORAGE ---- 3-186
DURING STORAGE ---- 3-186
AFTER STORAGE ---- 3-186
STARTING MACHINE AFTER LONG-TERM STORAGE ---- 3-186
TROUBLESHOOTING ---- 3-187
AFTER RUNNING OUT OF FUEL ---- 3-187
METHOD OF TOWING MACHINE ---- 3-189
IF BATTERY IS DISCHARGED ---- 3-190
OTHER TROUBLE ---- 3-193
MAINTENANCE ---- 4- 1
GUIDES TO MAINTENANCE ---- 4- 2
OUTLINES OF SERVICE ---- 4- 5
HANDLING OIL, FUEL, COOLANT, AND PERFORMING OIL CLINIC ---- 4- 5

MidWestTech | Komatsu D155AX-6 Bulldozer Operation & Maintenance Manual | Publ... Order the manual at mid-west-tech.com >

HANDLING AIR CONDITIONER

GENERAL LOCATIONS OF CONTROL PANEL



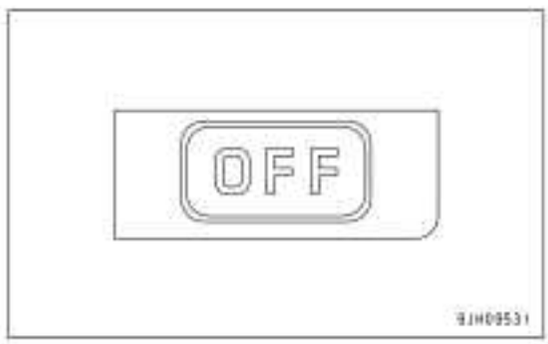
(1) OFF switch
(2) Fan switch
(3) Temperature control switch
(4) Vent selector switch
(5) Auto switch
(6) FRESH/RECIRC selector switch
(7) Display monitor
(8) Air conditioner switch
(9) Sunlight sensor

OFF SWITCH

Switch (1) is used to stop the fan and air conditioner.

REMARK

Even if this switch (1) is pressed, the monitor screen does not switch to the air conditioner adjustment screen.



MidWestTech | Komatsu D155AX-6 Bulldozer Operation & Maintenance Manual | Publ... Order the manual at mid-west-tech.com >

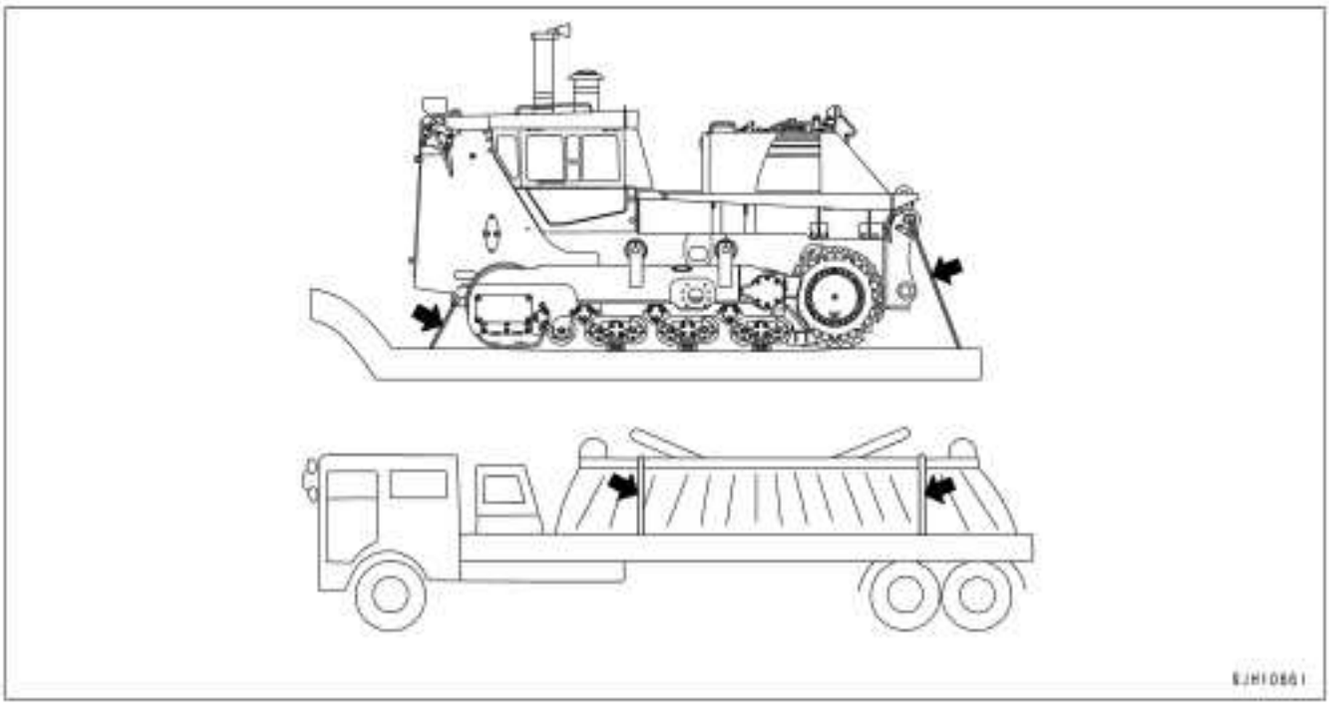
PRECAUTIONS FOR TRANSPORTATION

⚠ WARNING

Determine the route for transporting the machine by taking into account the width, height and weight of the machine.

Obey all state and local laws governing the weight, width and length of a load. Observe all regulations governing wide loads.

- Method of transportation



TRAVELING ON ROADS

- When driving on a paved road, use the flat track shoe to protect the pavement.
  Even if the travel distance is short, be sure to protect the pavement by placing protective sheets on the road.

REMARK
Note that the asphalt road becomes soft in summer.

MidWestTech | Komatsu D155AX-6 Bulldozer Operation & Maintenance Manual | Publ... Order the manual at mid-west-tech.com >

MAINTENANCE SCHEDULE CHART

MAINTENANCE SCHEDULE CHART

INITIAL 250 HOURS SERVICE (ONLY AFTER THE FIRST 250 HOURS)

REPLACE POWER TRAIN OIL FILTER ELEMENT ---- 4- 63
CHANGE OIL IN POWER TRAIN CASE, WASH STRAINERS (POWER TRAIN PUMP STRAINER, SCAVENGING PUMP STRAINER) ---- 4- 67
CHANGE OIL IN FINAL DRIVE CASE ---- 4- 69
CHANGE OIL IN HYDRAULIC TANK, REPLACE HYDRAULIC OIL FILTER ELEMENT ---- 4- 78

WHEN REQUIRED

CLEAN INSIDE OF COOLING SYSTEM ---- 4- 20
CHECK, CLEAN AND REPLACE AIR CLEANER ELEMENT ---- 4- 22
CHECK AND ADJUST TRACK TENSION ---- 4- 27
CHECK AND TIGHTEN TRACK SHOE BOLTS ---- 4- 30
ADJUST IDLER CLEARANCE ---- 4- 31
REVERSE AND REPLACE THE END BITS AND CUTTING EDGES ---- 4- 32
CLEAN AND CHECK RADIATOR FINS, OIL COOLER FINS, AFTERCOOLER FINS ---- 4- 35
CLEAN, CHECK AIR CONDITIONER CONDENSER FINS ---- 4- 38
CLEAN FUEL TANK STRAINER ---- 4- 38
CLEAN STEERING CLUTCH CASE BREATHER ---- 4- 39
CLEAN HYDRAULIC TANK BREATHER AND FUEL TANK BREATHER ---- 4- 39
REPLACE AIR CONDITIONER BELT ---- 4- 40
CHECK UNDERCARRIAGE OIL ---- 4- 41
CLEAN AIR CONDITIONER AIR FILTER (FRESH/RECIRC FILTER) ---- 4- 42
CHECK AND ADJUST AIR CONDITIONER ---- 4- 43
LUBRICATE DOOR HINGE ---- 4- 44
CHECK DOOR LATCH ---- 4- 44
CHECK DOOR LOCK STRIKER ---- 4- 44
REPLACE DOOR DAMPER ---- 4- 45
CHECK WINDOW WASHER FLUID LEVEL, ADD FLUID ---- 4- 45
REPLACE WIPER BLADE ---- 4- 46
PROCEDURE FOR RELEASING INTERNAL PRESSURE OF HYDRAULIC CIRCUIT ---- 4- 47
LUBRICATING ---- 4- 48
CHECK ELECTRICAL INTAKE AIR HEATER ---- 4- 49

CHECK BEFORE STARTING

EVERY 250 HOURS SERVICE

LUBRICATING ---- 4- 51
CHECK OIL LEVEL IN FINAL DRIVE CASE, ADD OIL ---- 4- 54
CHECK OIL LEVEL IN DAMPER CASE, ADD OIL ---- 4- 54
CHECK LEVEL OF BATTERY ELECTROLYTE ---- 4- 55
CHECK ALTERNATOR DRIVE BELT TENSION, ADJUST ---- 4- 58
CHECK BRAKE PERFORMANCE ---- 4- 59

MidWestTech | Komatsu D155AX-6 Bulldozer Operation & Maintenance Manual | Publ... Order the manual at mid-west-tech.com >