



Bobcat®

Operation & Maintenance Manual



Dealer Copy -- Not for Resale

E145

Compact Excavator

S/N B4WU11001 & Above



7387075enUS (04-20) (B)

Printed in U.S.A.



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NA T4-B

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COMPONENT LOCATIONS

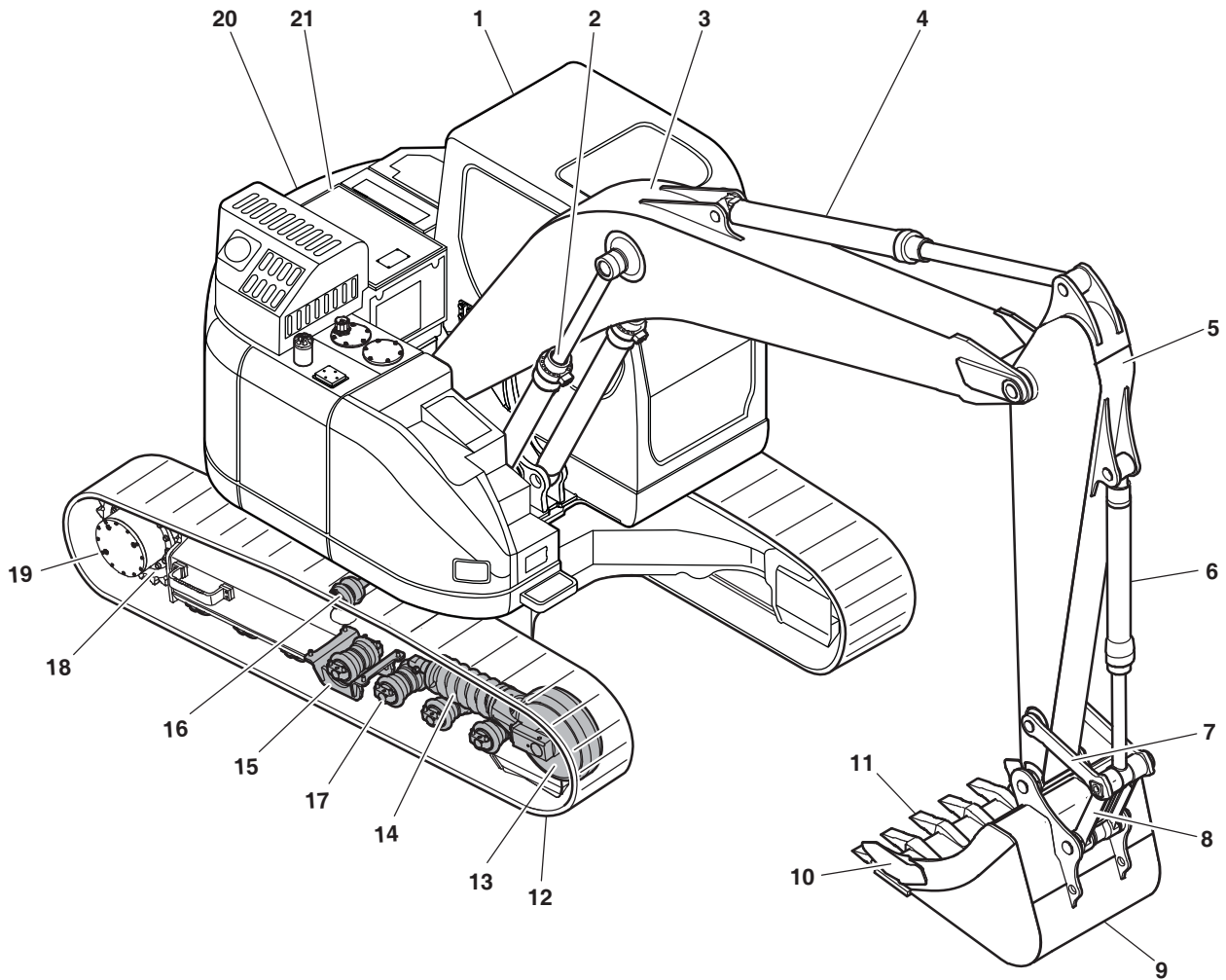


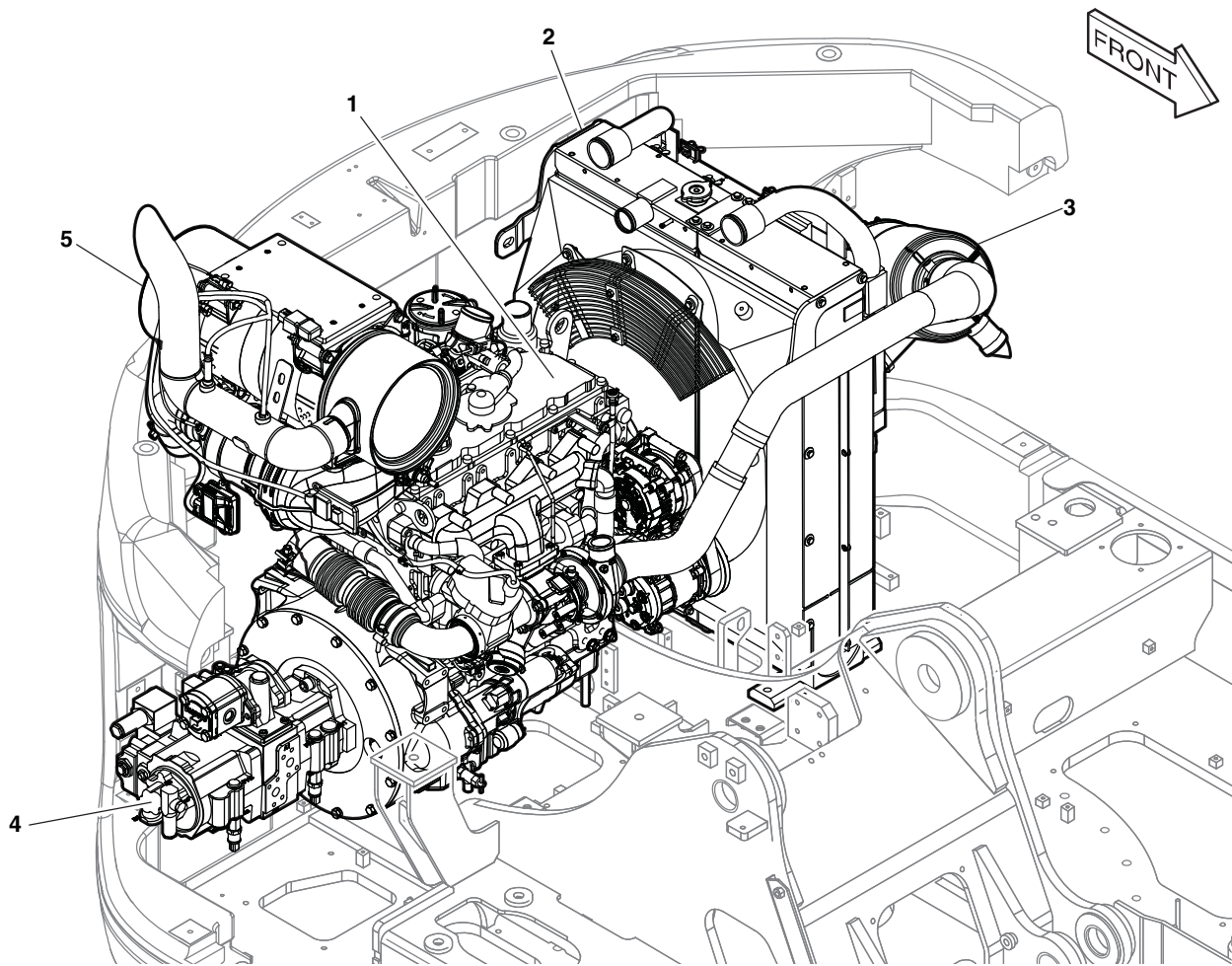
Figure 1

EX1500577

Reference Number	Description
1	Cabin
2	Boom Cylinder
3	Boom
4	Arm Cylinder
5	Arm
6	Bucket Cylinder
7	Guide Link
8	Push Link
9	Bucket
10	Side Cutter
11	Tooth Point

Reference Number	Description
12	Track Link and Shoe
13	Idler
14	Track Adjuster
15	Track Guard
16	Upper Roller
17	Lower Roller
18	Sprocket
19	Travel Motor
20	Counterweight
21	Hood

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EX1500578_BCT

Figure 2

Reference Number	Description
1	Engine
2	Radiator
3	Air Cleaner

Reference Number	Description
4	Main Pump
5	SCR Muffler

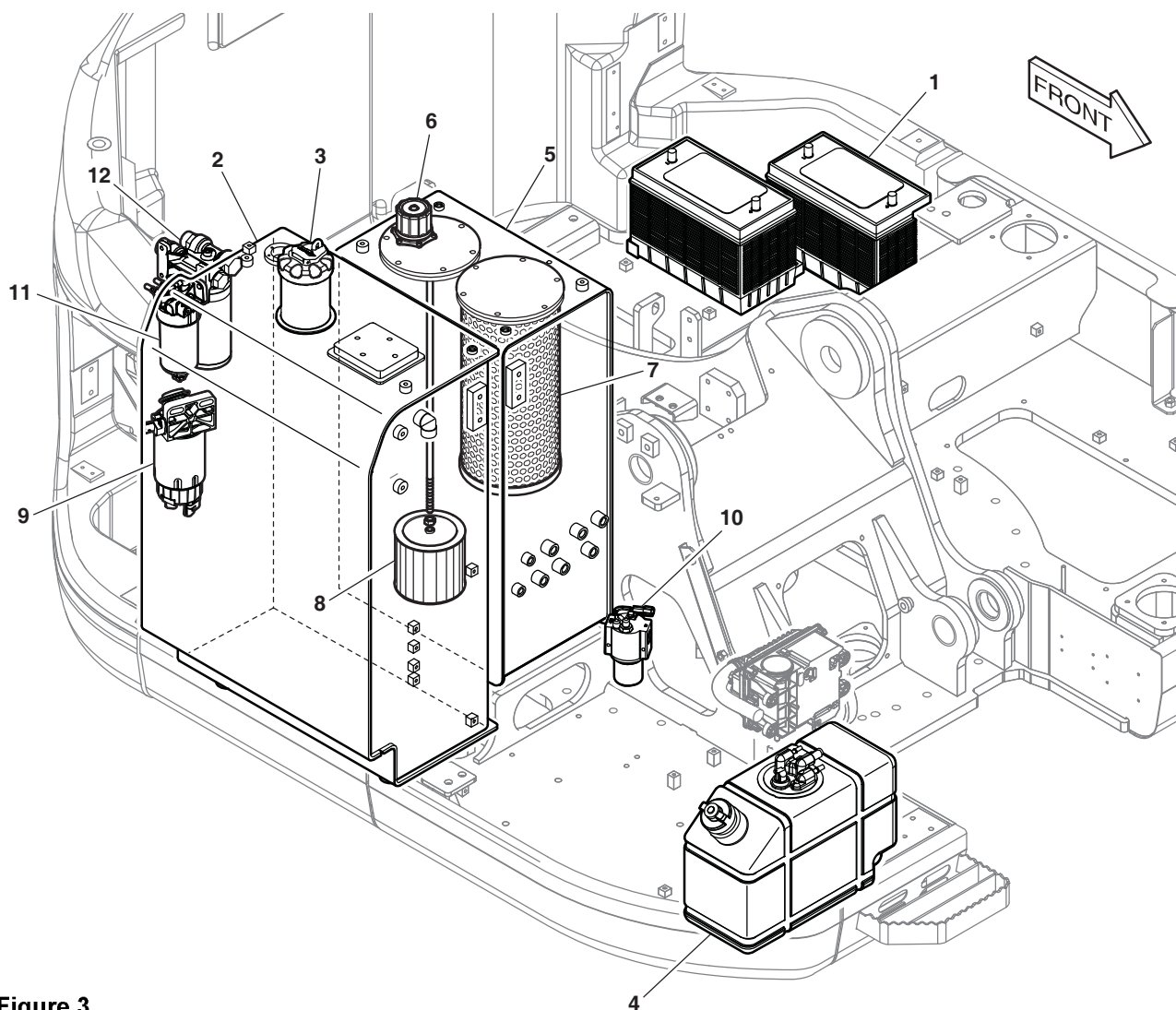


Figure 3

EX1500579

Reference Number	Description
1	Battery
2	Fuel Tank
3	Fuel Cap
4	Urea Tank
5	Hydraulic Oil Tank
6	Air Breather

Reference Number	Description
7	Return Filter
8	Suction Filter
9	Fuel Prefilter
10	Pilot Filter
11	Fuel Filter
12	Engine Oil Filter

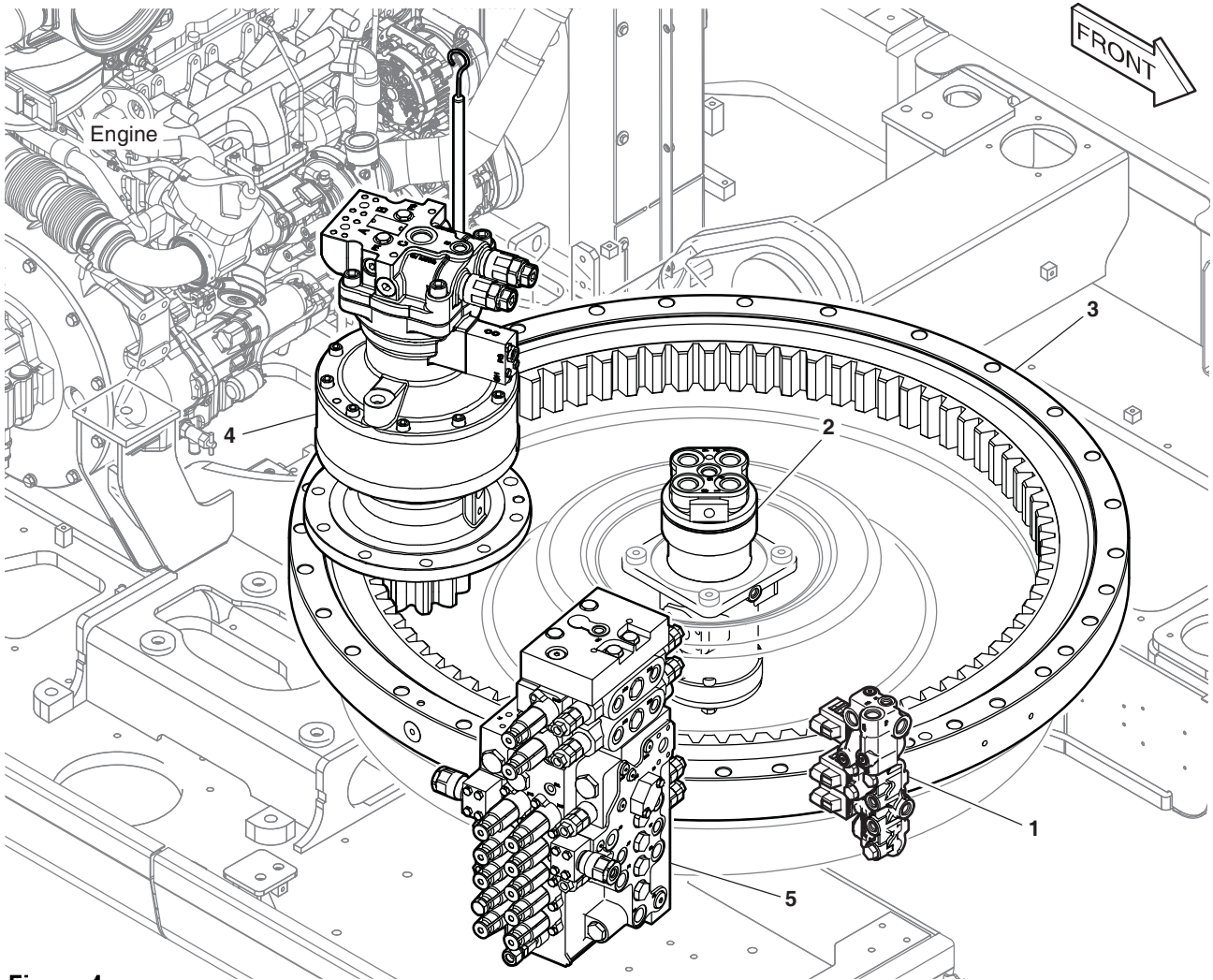


Figure 4

EX1500580

Reference Number	Description
1	Solenoid Valve
2	Center Joint
3	Swing Bearing

Reference Number	Description
4	Swing Device
5	Control Valve

OPERATOR'S AREA

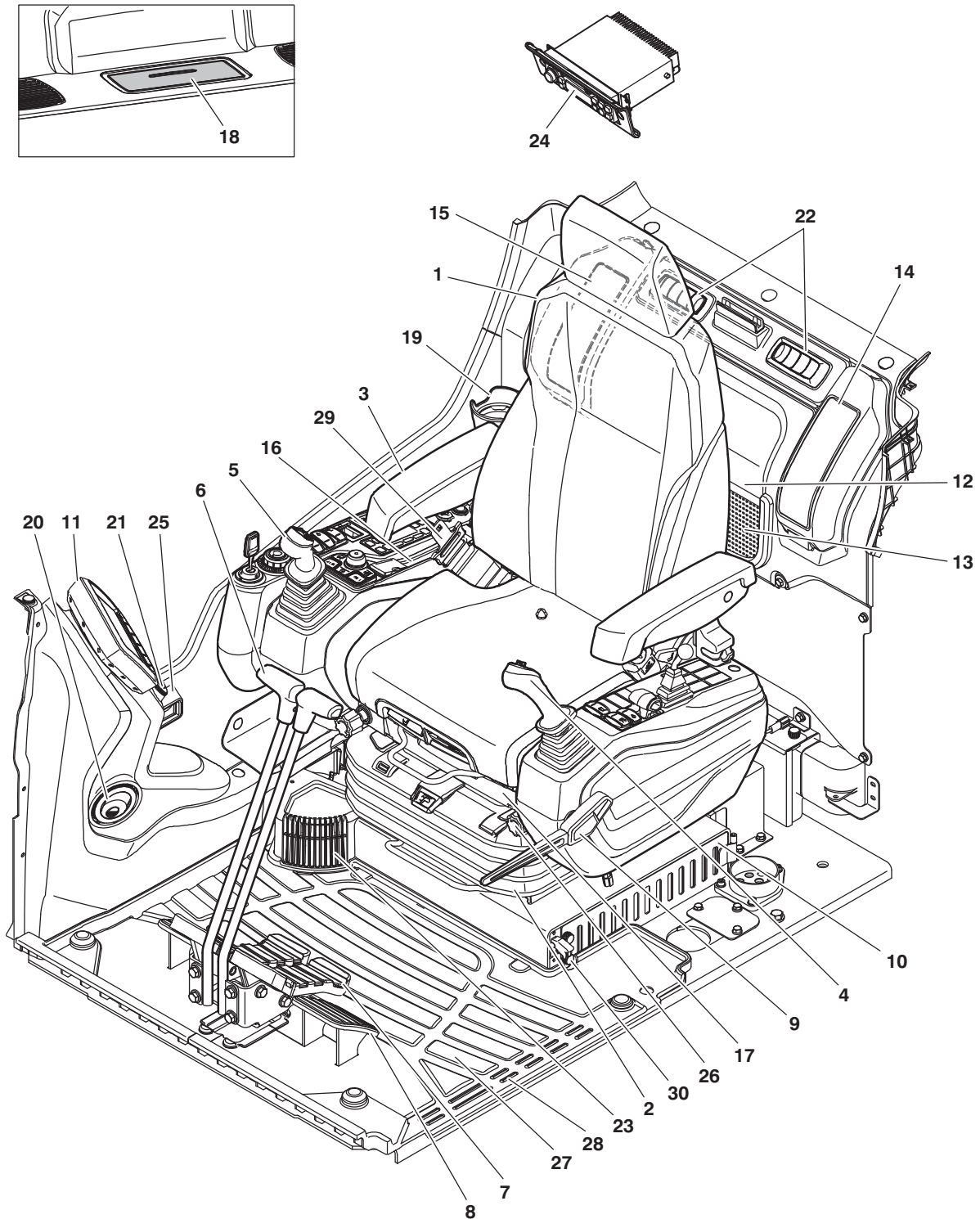


Figure 5

EX1403205_BCT

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Reference Number	Description
1	Seat
2	Suspension
3	Arm Rest
4	Left-hand Work Lever (Joystick)
5	Right-hand Work Lever (Joystick)
6	Travel Lever
7	Travel Pedal
8	Footrest
9	Safety Lever
10	Air Conditioner Unit
11	Display Monitor
12	Storage Space (Large)
13	Storage Net
14	Storage Space (Heating and Cooling)
15	Fuse Box

Reference Number	Description
16	Storage Compartment
17	File Case
18	Sunglass Case
19	Cup Holder (PET)
20	Defroster Vent
21	Face Vent
22	Rear Vent
23	Foot Vent
24	Stereo
25	Hour Meter
26	Joystick Height Adjustment Knob
27	Mat
28	Step
29	Seat Belt
30	Engine Emergency Stop Switch

OPERATIONAL CONTROLS AND PANELS

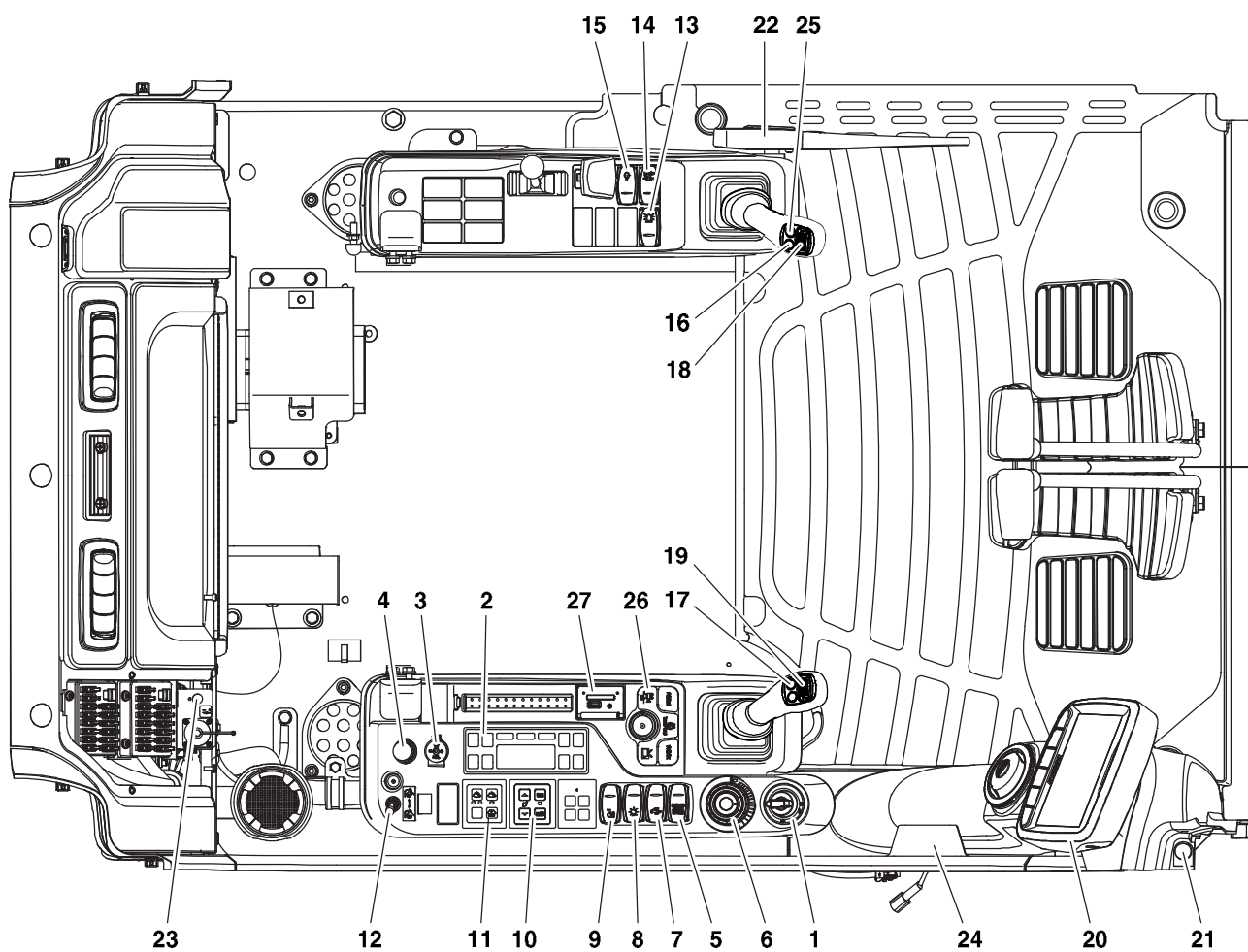


Figure 6

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23. Auxiliary Mode Switch

When the control system is out of order, the pump system can be controlled manually.

- O. In this position, the manual pump control is "OFF".
- I. In this position, the manual pump control is "ON".

IMPORTANT

Be sure to turn pump control to "O" (OFF) position, after the control system is operating properly.

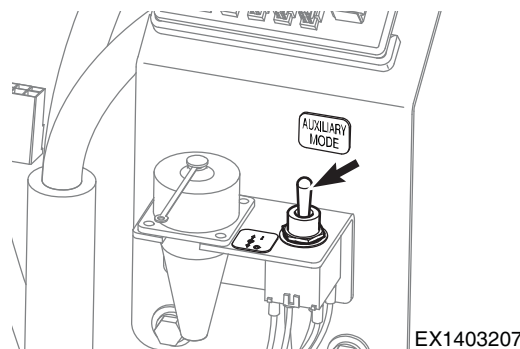


Figure 35

24. Hour Meter

The hour meter is used to indicate the total number of operating hours on the engine. The meter will flash every four seconds when the engine is running to indicate that it is functioning properly.

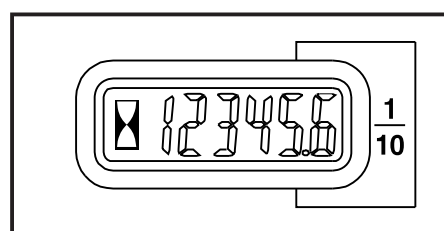


Figure 36

25. One Touch Deceleration Button

Press the left button on the top of the left-hand work lever (joystick) to reduce engine speed to "LOW IDLE".

When the button is pressed, the engine speed is immediately reduce to "LOW IDLE" rpm.

When the button is pressed again, the engine speed will return to the setting of the engine speed control dial.

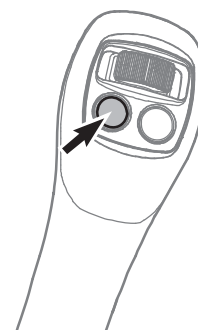


Figure 37

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