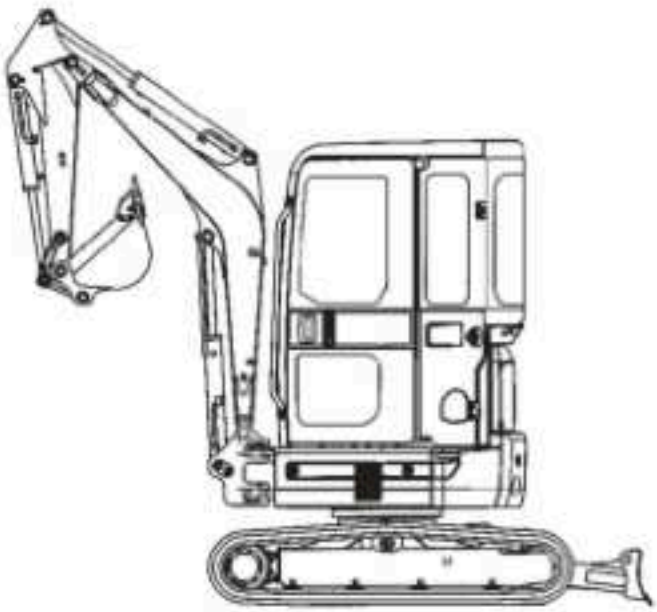
OPERATOR'S MANUAL

E50B

Compact Hydraulic Excavator

PIN number PJ06 - and higher



Part number S2PJ00047ZE01
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NEW HOLLAND CONSTRUCTION

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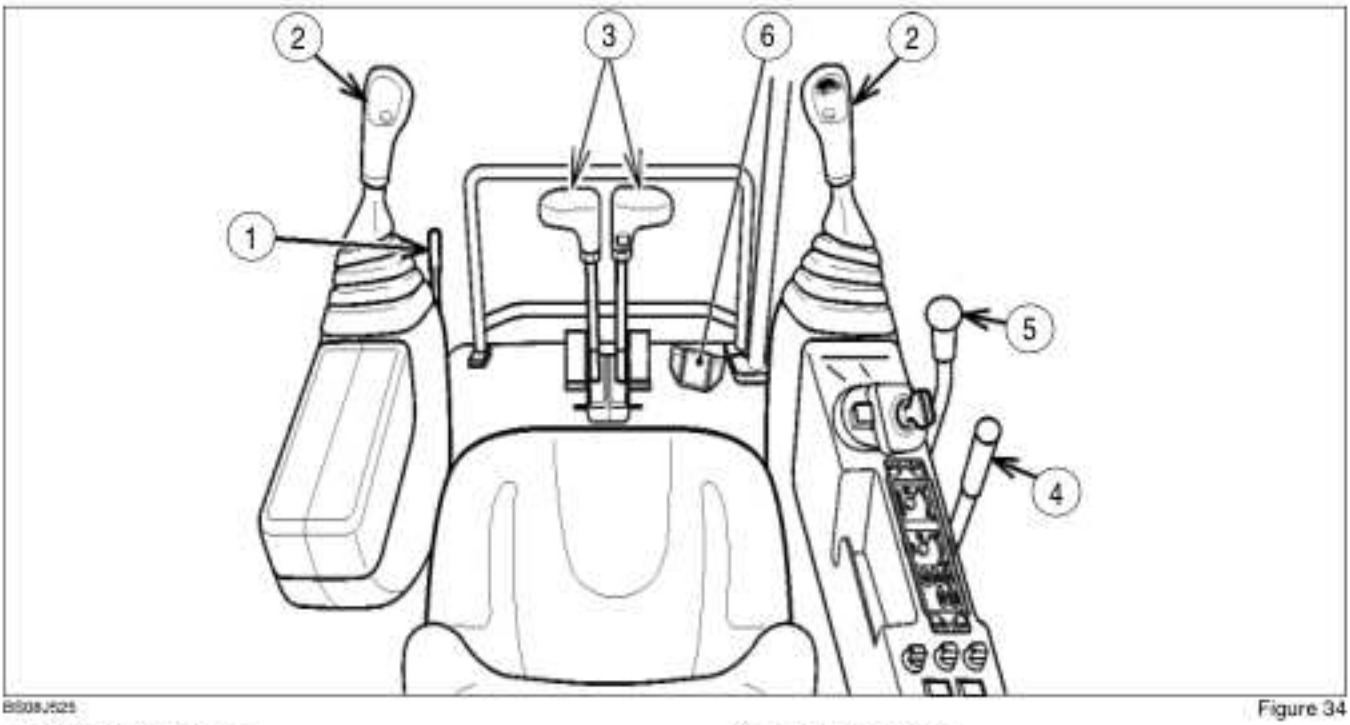
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LEVERS AND PEDALS



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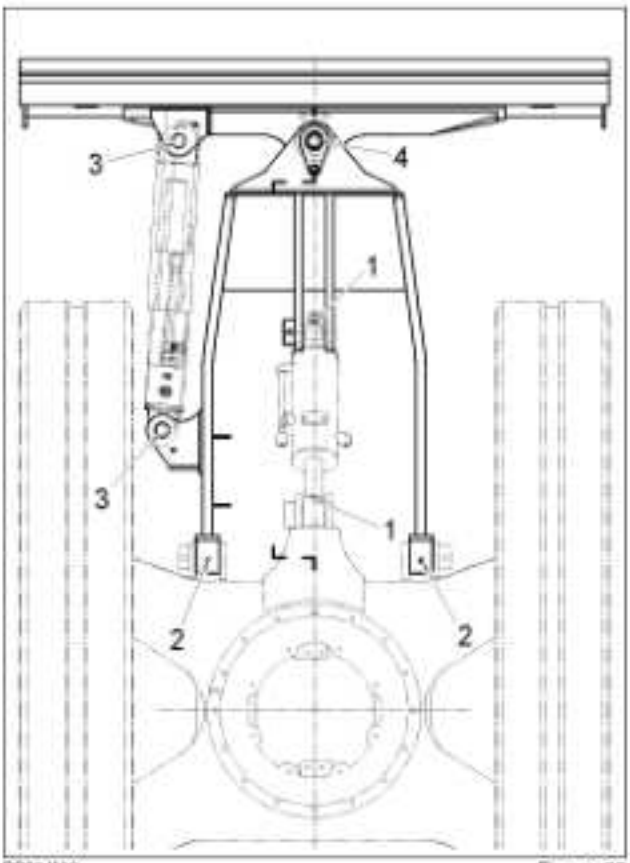
Figure 34

1. Safety lock lever
2. Right/Left Control Levers
3. Travel Levers with Pedals
4. Throttle Levers
5. Dozer Control Lever
6. Boom Swing Operating Pedal

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LUBRICATING DOZER BLADES AND CYLINDER PINS

Every 50 hours of engine operation, lubricate the dozer blade pins using extreme pressure multi purpose grease (No. 2 EP grease). Lubricate all grease points until grease overflows from fittings.



BC03U119 Figure 68

1. DOZER CYLINDER
2. DOZER FOOT PIN
3. ANGLE CYLINDER
4. BLADE AND FRAME CONNECTION

LUBRICATION

1. Keep all unauthorized personnel clear of the area. Park the machine on a firm, level surface. Lower blade and attachments to the ground. Turn the engine off.
2. Wipe all grease fittings clean. Replace nipples if damaged.
3. Apply grease on nipples with grease gun.
4. Apply grease until grease flows from fittings. Wipe area clean of excess grease.

Operating machine in water

If operating the machine in water, lubricate the machine before starting operation and after operation.

Machine Storage

If the machine has been out of use for one month or more, lubricate prior to starting operations.

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LIFT CAPACITIES CAB MODEL

5 ft. 1 in (1.56 m) Arm

Lift capacities calculated using 15.7 in (400 mm) shoes 247 lb (112 kg) bucket, blade down.

Load (Lift Point) Height	5 ft (1.5 m) END - SIDE		7.5 ft (2.3 m) END - SIDE		10 ft (3.0 m) END - SIDE		12.5 ft (3.8 m) END - SIDE		15 ft (4.6 m) END - SIDE	
+ 12.5 ft (3.8 m)							*1930 lb *870 kg	*1730 lb 780 kg		
+ 10 ft (3.0 m)							*2050 lb *930 kg	*1700 lb 770 kg	*2110 lb *960 kg	1210 lb 540 kg
+7.5 ft (2.3 m)					*2720 lb *1230 kg	2400 lb 1080 kg	*2400 lb *1090 kg	1640 lb 740 kg	*2250 lb *1020 kg	1180 lb 530 kg
+5 ft (1.52 m)			*6170 lb *2800 kg	3480 lb 1580 kg	*3750 lb *1700 kg	2220 lb 1000 kg	*2890 lb *1310 kg	1550 lb 700 kg	*2480 lb *1120 kg	1130 lb 510 kg
+2.5 ft (0.8 m)			*4930 lb *2230 kg	3180 lb 1440 kg	*4630 lb *2100 kg	2060 lb 930 kg	*3350 lb *1520 kg	1460 lb 660 kg	*2720 lb *1230 kg	1090 lb 490 kg
Ground Level	*3320 lb *1500 kg	*3320 lb *1500 kg	*5830 lb *2640 kg	3110 lb 1410 kg	*5090 lb *2300 kg	1970 lb 890 kg	*3660 lb *1650 kg	1400 lb 630 kg	*2870 lb 1300 kg	1050 lb 480 kg
-2.5 ft (-0.8 m)	*5210 lb *2360 kg	*5210 lb *2360 kg	*7760 lb *3520 kg	3120 lb 1410 kg	*5110 lb *2310 kg	1940 lb 880 kg	*3710 lb *1680 kg	1380 lb 620 kg	*2830 lb *1280 kg	1040 lb 470 kg
-5.0 ft (-1.52 m)	*7290 lb *3300 kg	7110 lb 3220 kg	*6920 lb *3140 kg	3170 lb 1430 kg	*4700 lb *2130 kg	1960 lb 890 kg	*3410 lb *1540 kg	1390 lb 630 kg		
-7.5 ft (-2.3 m)	*9270 lb *4200 kg	7310 lb 3310 kg	*5340 lb *2420 kg	3270 lb 1480 kg	*3640 lb *1650 kg	2030 lb 920 kg				

* Rated loads marked with an asterisk are hydraulic limits rather than tipping load limits. Reference important considerations on page 8-10 for machine operation and use of lifting charts.

LIFT CAPACITIES CAB MODEL

5 ft. 1 in (1.56 m) Arm

Lift capacities calculated using 15.7 in (400 mm) shoes 247 lb (112 kg) bucket, blade down, 771 lb (350 kg) additional counterweight

Load (Lift Point) Height	5 ft (1.5 m) END - SIDE		7.5 ft (2.3 m) END - SIDE		10 ft (3.0 m) END - SIDE		12.5 ft (3.8 m) END - SIDE		15 ft (4.6 m) END - SIDE	
+ 12.5 ft (3.8 m)							*1930 lb *870 kg	*1930 lb 870 kg		
+ 10 ft (3.0 m)							*2050 lb *930 kg	*2040 lb 920 kg	*2110 lb *960 kg	1480 lb 670 kg
+7.5 ft (2.3 m)					*2720 lb *1230 kg	2720 lb 1230 kg	*2400 lb *1090 kg	1890 lb 890 kg	*2250 lb *1020 kg	1450 lb 660 kg
+5 ft (1.52 m)			*6170 lb *2800 kg	4180 lb 1890 kg	*3750 lb *1700 kg	2670 lb 1210 kg	*2890 lb *1310 kg	1890 lb 850 kg	*2480 lb *1120 kg	1410 lb 630 kg
+2.5 ft (0.8 m)			*4930 lb *2230 kg	3880 lb 1760 kg	*4630 lb *2100 kg	2520 lb 1140 kg	*3350 lb *1520 kg	1800 lb 820 kg	*2720 lb *1230 kg	1360 lb 610 kg
Ground Level	*3320 lb *1500 kg	*3320 lb *1500 kg	*5830 lb *2640 kg	3810 lb 1730 kg	*5090 lb *2300 kg	2430 lb 1100 kg	*3660 lb *1650 kg	1740 lb 790 kg	*2870 lb 1300 kg	1330 lb 600 kg
-2.5 ft (-0.8 m)	*5210 lb *2360 kg	*5210 lb *2360 kg	*7760 lb *3520 kg	3810 lb 1730 kg	*5110 lb *2310 kg	2400 lb 1090 kg	*3710 lb *1680 kg	1720 lb 780 kg	*2830 lb *1280 kg	1320 lb 590 kg
-5.0 ft (-1.52 m)	*7290 lb *3300 kg	7290 lb 3330 kg	*6920 lb *3140 kg	3860 lb 1750 kg	*4700 lb *2130 kg	2420 lb 1090 kg	*3410 lb *1540 kg	1730 lb 780 kg		
-7.5 ft (-2.3 m)	*9270 lb *4200 kg	8770 lb 3970 kg	*5340 lb *2420 kg	3960 lb 1800 kg	*3640 lb *1650 kg	2490 lb 1130 kg				

* Rated loads marked with an asterisk are hydraulic limits rather than tipping load limits. Reference important considerations on page 8-10 for machine operation and use of lifting charts.

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