# OPERATOR'S MANUAL

## E35B Tier 4

Compact Crawler Excavator

*PIN PX15 - and higher*



**Part number S2PX00040ZE01**
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NEW HOLLAND CONSTRUCTION

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CHAPTER 2

# SAFETY, DECALS, AND HAND SIGNALS

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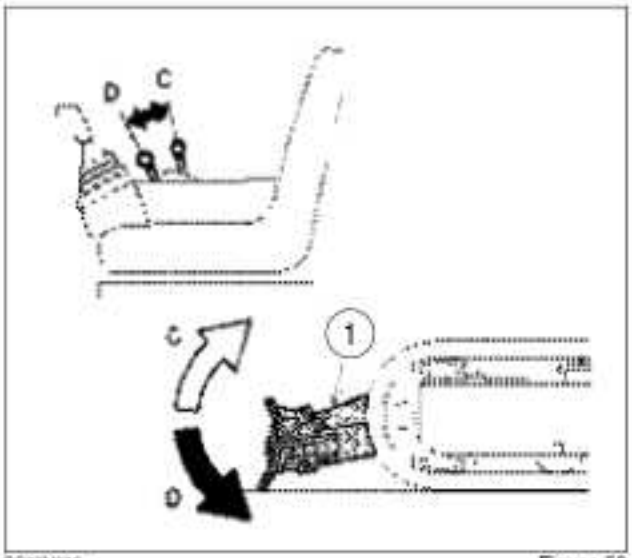
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## DOZER CONTROL LEVER




BS07N826 Figure 53

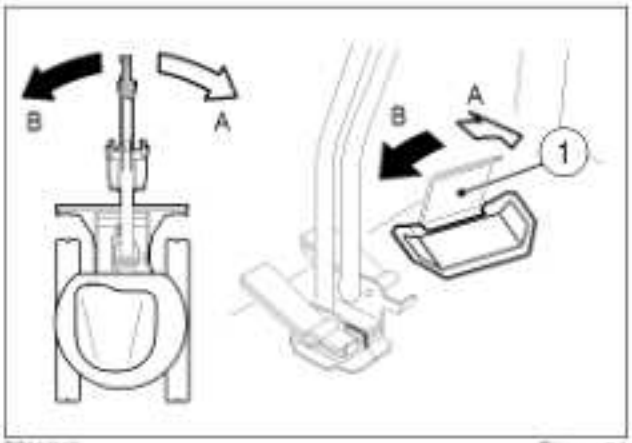
Use the dozer control lever to move the dozer up or down.

(C) Dozer Up - Pull the lever back.

(D) Dozer Down - Push the lever forward.

When traveling, raise the dozer blade to its maximum height.

## BOOM SWING OPERATING PEDAL




BC08J113 Figure 54

Use this pedal to operate the swing motion of the boom.

To use the pedal, lift the pedal locking cover (1) up.

Right swing: push down right side of pedal

Left swing: push down left side of pedal.

**⚠ WARNING ⚠**

*Always lock the pedal if not using the boom swing operating function. Failure to comply could result in death or serious injury.*

M1491



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# LUBRICATION AND MAINTENANCE QUICK REFERENCE CHART

| Service intervals | Page | Service points | INITIAL NEW MACHINE | Intervals in hours | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Clean | Check | Replace | Lubricate | Drain |
| As Required (AR) | 6-18 | Fan and air conditioning drive belt | | | | AR | | |
| | 6-31 | Air filter | | | AR | | | |
| | 8-12 | Bolt and nut torque | | | AR | | | |
| | 6-22 | Rubber track (if equipped) | | | AR | | | |
| Every 8 hours | 6-11 | Grease bucket, boom, arm cylinder, dozer | Run-in | | | | 8 | |
| | 6-13 | Engine oil level | | | 8 | | | |
| | 6-13 | Coolant level | | | 8 | | | |
| | 6-13 | Radiator | | | 8 | | | |
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| | 6-26 | Rubber track | Run-in | | 50 | | | |
| | 6-23 | Fan/alternator belt tension | | | 50 | | | |
| | 7-4 | Battery check | | | 50 | | | |
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| | 6-26 | Fan/alternator belt tension | | | 250 | | | |
| | 6-27 | Swing reduction gear | Run-in | | | | | 250 |
| | 6-27 | Boom, arm cylinder, dozer | | | | | 250 | |
| | 6-28 | Engine air cleaner element | | | 250 | | | |
| | 6-29 | Hydraulic return filter (Breaker attachment) | | | | 250 | | |
| | 8-12 | Bolt and nut torque | | | 250 | | | |
| Every 500 hours | 6-33 | Fuel water separator | | | | | | 500 |
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| | 6-36 | Travel reduction gear | Run-in | | | 500 | | |
| Every 1000 hours | 6-37 | Radiator coolant | | | | 1000 | | |
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| | **RM** | Valve clearances | | | 1000 | | | |
| | **RM** | Starter/generator | | | 1000 | | | |
| Every 1500 hours | **RM** | Injector Timing | | | 1500 | | | |



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## LIFT CAPACITIES CAB MODEL

### 3 ft. 11 in (1.2 m) Arm

Lift capacities calculated using 11.8 in (300 mm) shoes (196 lb (89 kg) bucket, blade down, 551 lb (250 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 | |
|---|---|---|---|---|---|---|---|---|---|---|
| + 10 ft (3.0 m) | | | | | | | 1190 lb 540 kg | 1190 lb 540 kg | | |
| +7.5 ft (2.3 m) | | | | | | | 1280 lb 580 kg | 1280 lb 580 kg | | |
| +5 ft (1.52 m) | | | 2760 lb 1250 kg | 2760 lb 1250 kg | 1830 lb 830 kg | 1830 lb 830 kg | 1480 lb 670 kg | 1320 lb 600 kg | | |
| +2.5 ft (0.8 m) | | | 3760 lb 1700 kg | 2710 lb 1230 kg | 2270 lb 1030 kg | 1780 lb 800 kg | 1690 lb 760 kg | 1270 lb 580 kg | 1390 lb 630 kg | 960 lb 430 kg |
| Ground Level | 2550 lb 1150 kg | 2550 lb 1150 kg | 4020 lb 1820 kg | 2650 lb 1200 kg | 2520 lb 1140 kg | 1720 lb 780 kg | 1820 lb 820 kg | 1240 lb 560 kg | | |
| -2.5 ft (-0.8 m) | 4080 lb 1850 kg | 4080 lb 1850 kg | 3830 lb 1740 kg | 2650 lb 1200 kg | 2520 lb 1140 kg | 1700 lb 770 kg | 1800 lb 810 kg | 1230 lb 560 kg | | |
| -5.0 ft (-1.52 m) | 5790 lb 2620 kg | 5590 lb 2530 kg | 3290 lb 1490 kg | 2690 lb 1220 kg | 2210 lb 1000 kg | 1720 lb 780 kg | | | | |
| -7.5 ft (-2.3 m) | 3470 lb 1570 kg | 3470 lb 1570 kg | 2110 lb 950 kg | 2110 lb 950 kg | | | | | | |

* Rated loads are hydraulic limits rather than tipping load limits



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