CASE

OPERATOR'S MANUAL

COMPACT CRAWLER EXCAVATOR

CX36B
TIER 4

87722071 NA

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SAFETY, DECALS, AND HAND SIGNALS

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CONTROL DECAL

OPERATING PATTERN

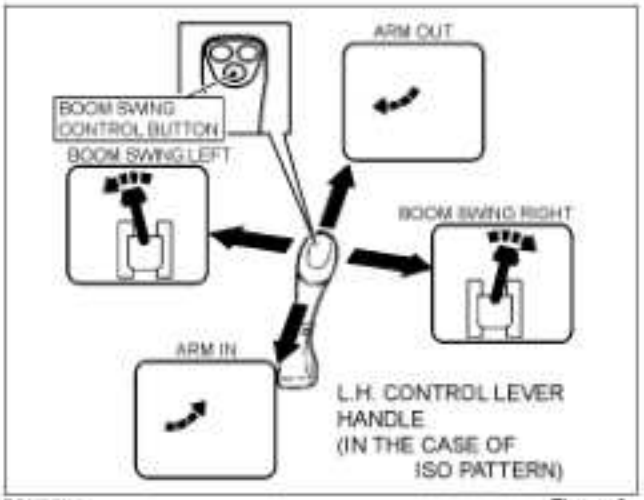
The operating and travel controls of this machine are factory set at ISO/SAE standard operating patterns.

OPERATING PATTERN DECAL

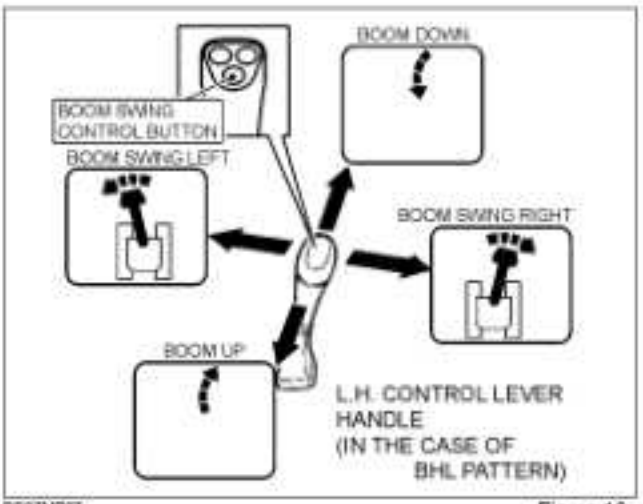
The illustrations are a representation of the CONTROLS decal located inside the right side window of the operator cab. Study this decal and understand the directions each control can be operated and the functions associated with each movement of particular control. Detailed instructions for each control and its functions are explained on the following pages of this chapter. Should this decal become damaged or missing, install a new decal.

WARNING: *Check and make sure that operations pattern control matches the decal provided inside the right side window. Failure to comply could result in injury or death.*

WARNING: *If your machine is set to the operational BHL pattern control, change, make sure to remove the ISO/SAE operation pattern control decal inside the right side window and use the decal supplied for the optional BHL pattern control. This decal should be placed inside the door below the handle. See Pattern Control Change (BHL pattern) for detailed information on how to operate the pattern control changer. Failure to comply could result in injury or death.*



BS07M796 Figure 9

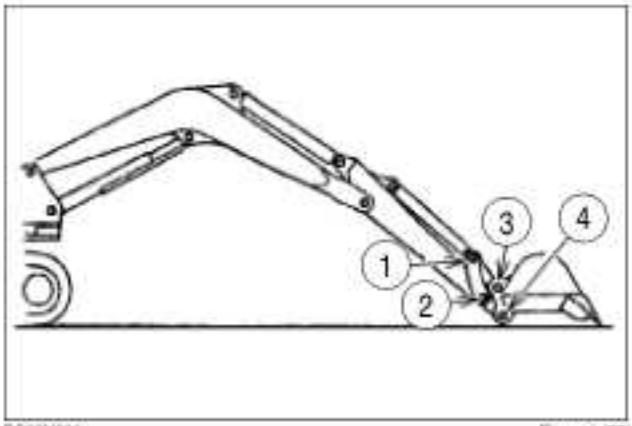


BS07M797 Figure 10

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50 HOUR MAINTENANCE:

ATTACHMENT LUBRICATION



BS07N028 Figure 25

1. BUCKET CYLINDER ROD PIN (1)
2. IDLER LINK/ARM CONNECTING PIN (1)
3. BUCKET LINK PIN (1)
4. ARM/BUCKET CONNECTING PIN (1)

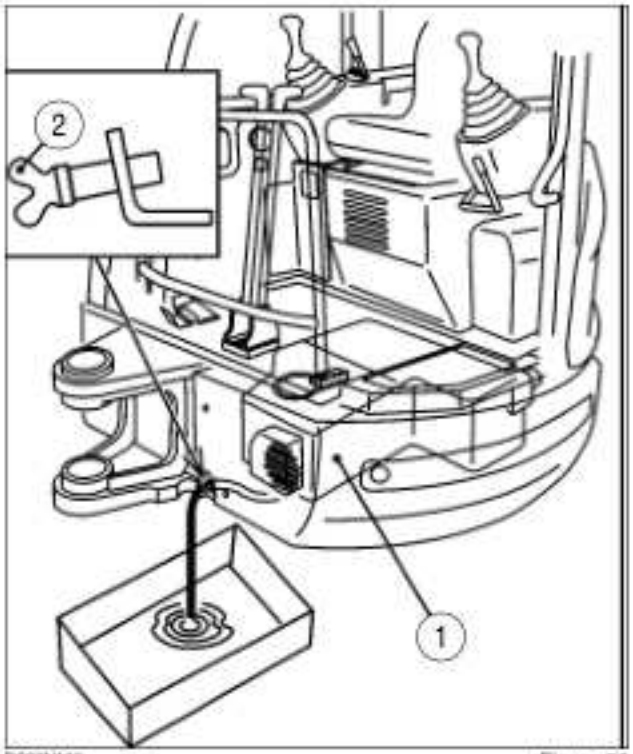
During the first 50 hours of operation, grease attachment every 8 hours. After the initial run-in period, grease every 50 hours.

1. Park the machine on a firm, level surface with both attachments resting on the ground. Turn the engine off. Place the cancellation lever in the locked position. Keep all unauthorized personnel clear of the area.
2. Clean the grease fitting before greasing. Replace any damaged grease fitting.
3. Lubricate with a grease gun through the grease fittings shown. Wipe off any grease that leaks out of the pin connection.

IMPORTANT: *Dispose of all waste in accordance with environmental regulations.*

WARNING: *The machine and attachment should not be moved when greasing. Personal injury may result. Move attachment to a different position, stop the engine and lubricate the attachment again. Repeat this procedure until the front attachment is completely lubricated.*

DRAIN FUEL TANK SEDIMENT



BS07N126 Figure 26

1. FUEL TANK
2. DRAIN PLUG

WARNING: *Do not smoke or allow any open flame near by when draining fuel. Stop engine. Thoroughly clean up any spilled fuel. Failure to comply could result in injury or death.*

Draining water and sediment is most effectively performed in the morning. Turn the upper structure of the machine so the drain plug (2) is midway between the crawler belts.

1. Park the machine on a firm, level surface with both attachments resting on the ground. Turn the engine off. Place the cancellation lever in the locked position. Keep all unauthorized personnel clear of the area.
2. Place a suitable container under the drain plug (2) to catch the discharged fuel.
3. Slowly loosen the drain plug (2) to drain water and sediment. When clean fuel begins to flow, tighten the drain plug.
4. Check for fuel leakage after tightening drain plug. If fuel is leaking, stop the engine, and consult your authorized dealer for repair.

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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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