CASE

PROFESSIONAL PARTNER

OPERATOR'S MANUAL

EXCAVATOR

CX460
TIER III

87592043 NA

Issued 11-2006

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Chapter 2
SAFETY AND DECALS

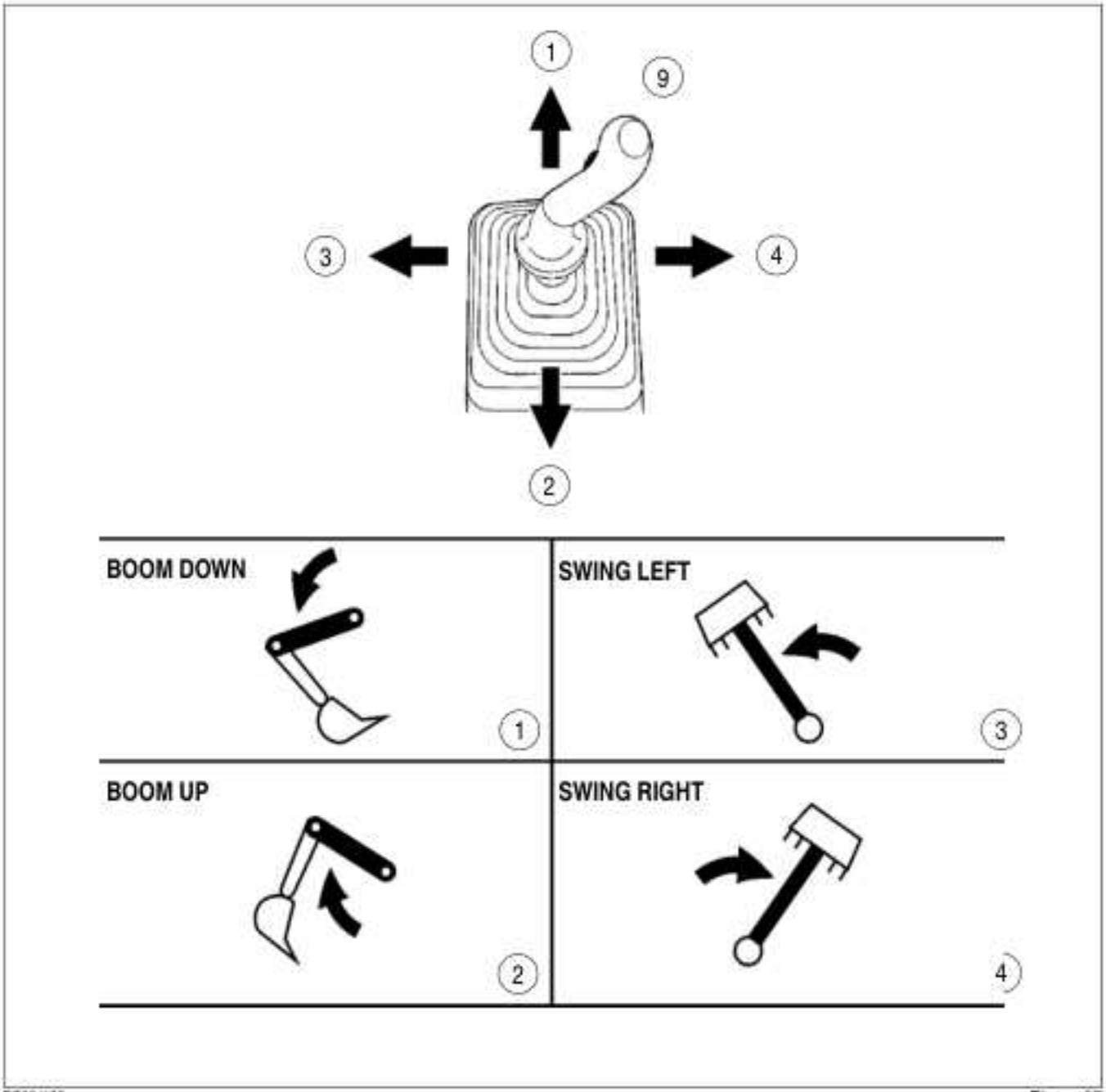
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OPTIONAL CONTROL PATTERN
ARM AND UPPER STRUCTURE SWING LEFT-HAND CONTROL LEVER



BC00J125

Figure 27

1.Boom down

2.Boom up

9. NEUTRAL (HOLD) When the control levers are returned to NEUTRAL (HOLD), all movement stops. When released, both control levers return to NEUTRAL (HOLD) automatically.

3.Swing left

4.Swing right

IMPORTANT: *When the upper structure swing control is released it may continue to rotate due to the force of inertia. Make allowance for the extra movement by releasing the control slightly earlier.*

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5000 HOUR MAINTENANCE

REPLACING THE INLET FILTER

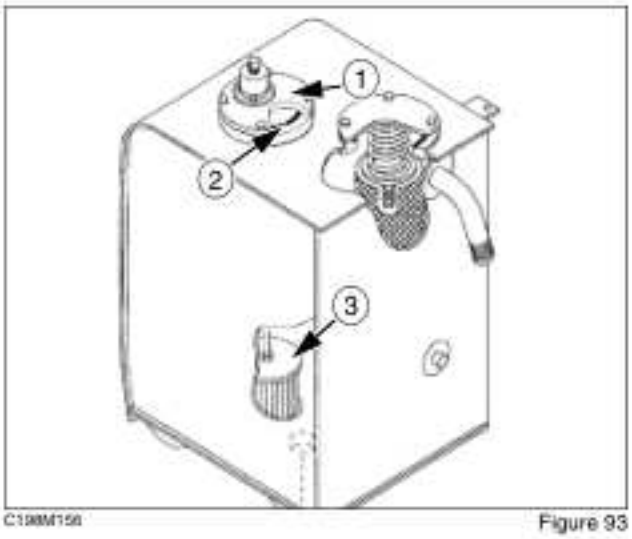
Replace the hydraulic fluid inlet filter when the hour meter registers 5000 hours or sooner if conditions so require.

1. Keep all non-essential personnel clear of the area. Release all pressure in the hydraulic reservoir. See "Releasing pressure in the hydraulic system."



CD01N035 Figure 92

2. Clean the top of the hydraulic reservoir and clean the inlet filter cover.
3. Remove the mover (1) and O-ring (2) and spring on the top of the inlet filter rod assembly.
4. Remove the inlet filter (3) and clean with solvent. Dry completely and check for any damage. If there is any damage on the surface, replace with a new filter.



C198M156 Figure 93

5. Install a new O-ring (2) and install the inlet filter (3), spring and rod assembly.
6. Install the cover (1).
7. Check the level of the hydraulic fluid and add more if necessary. See "Filling the reservoir".

NOTE: *Install a new inlet filter when the hydraulic oil is replaced.*

WARNING: *Hydraulic fluid or grease injected into your skin can cause severe injury or death. Keep your hands and body away from any pressurized leak. Use cardboard or paper to check for a leak. If fluid is injected into your skin, see a doctor immediately, and have the fluid removed. Failure to comply could result in injury or death.*

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Lift Capacities
4.00 m (13 ft 1 in) arm with fixed side frames

OVER END							Unit-lb
Bucket Hook Height	Load Radius						
	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	Cap. at Max. Reach
30 ft							91000 lb* 4128 kg
25 ft							8700 lb* 3946 kg
20 ft					18950 lb* 8596 kg		86000 lb* 3901 kg
15 ft				22300 lb* 10115 kg	20100 lb* 9117 kg	12350 lb* 5602 kg	8750 lb* 39695 kg
10 ft	43250 lb* 19618 kg	41400 lb* 18779 kg*	30550 lb* 13857 kg	24950 lb* 11317 kg	21550 lb* 9775 kg	17450 lb* 4128 kg	9100 lb* 4128 kg
5 ft	19350 lb* 8777 kg	50050 lb* 22702 kg	34950 lb* 15853 kg	27400 lb* 12482 kg	22800 lb 10342 kg	9700 lb 4400 kg	9700 lb* 4400 kg
Ground Level	24750 lb* 11226 kg	52800 lb* 23950 kg	38050 lb* 17259 kg	29250 lb 13268 kg	21250 lb 9639 kg	10600 lb 4808 kg	10600 lb* 48088 kg
-5 ft	32700 lb* 14832 kg*	53400 lb* 24222 kg	38900 lb* 17645 kg	29100 lb 13200 kg	21800 lb 9888 kg	12000 lb 5443 kg	12000 lb* 5443 kg
-10 ft	42400 lb* 19232 kg*	50850 lb* 23065 kg	37750 lb* 17123 kg	28850 lb* 13086 kg	21700 lb 9843 kg	14200 lb 6441 kg	14200 lb* 6441 kg
-15 ft	57050 lb* 25877 kg*	45500 lb* 20638 kg	34350 lb* 15581 kg	26450 lb* 11997 kg	19500 lb* 8845 kg	16150 lb* 7326 kg	16150 lb* 7326 kg
- 20 ft	48800 lb* 22135 kg	362000 lb* 16420 kg	27350 lb* 12406 kg	19350 lb 8777 kg			

OVER SIDE							Unit-lb
Bucket Hook Height	Load Radius						
	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	Cap. at Max. Reach
30 ft							9100 lb* 4128 kg
25 ft					15000 lb 6804 kg		8700 lb* 3946 kg
20 ft				20150 lb 9140 kg	14550 lb 6600 kg		8600 lb 3901 kg
15 ft				19000 lb 8618 kg	13900 lb 6305 kg	10700 lb 4853 kg	8650 lb 3924 kg
10 ft	43250 lb* 196180 kg	41400 lb 18779 kg*	27250 lb 12360 kg	17850 lb 8097 kg	13250 lb 6010 kg	10400 lb 4717 kg	8200 lb 3719 kg
5 ft	19350 lb* 8777 kg*	39050 lb 17713kg	25250 lb 11453 kg	16950 lb 7688kg	12700 lb 5761 kg	10050 lb 4559 kg	8100 lb 3674 kg
Ground Level	24750 lb* 11226 kg	36750 lb 16670 kg	23750 lb 10773 kg	16350 lb 7416 kg	12450 lb 5647 kg	9750 lb 4423 kg	8350 lb 3787 kg
-5 ft	327000 lb* 14832 kg*	36050 lb 16352 kg	22950 lb 10410 kg	16150 lb 7326 kg	12300 lb 5579 kg	9600 lb 4354 kg	9050 lb 4105 kg
-10 ft	42400 lb* 19232 kg*	36150 lb 16397 kg*	22750 lb 10319 kg	16300 lb 7394 kg	12200 lb 5534 kg		10100 lb 4717 kg
-15 ft	57050 lb* 25877 kg*	367000 lb 16647 kg	23000 lb 10433 kg	17050 lb 7734 kg	12500 lb 5670 kg		13100 lb 5942 kg
- 20 ft	48800 lb* 22135 kg	36200 lb* 16420 kg	23750 lb 10773 kg				

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