CASE

PROFESSIONAL PARTNER

# OPERATOR'S MANUAL

# CRAWLER EXCAVATOR

## CX130, CX160

6-25930

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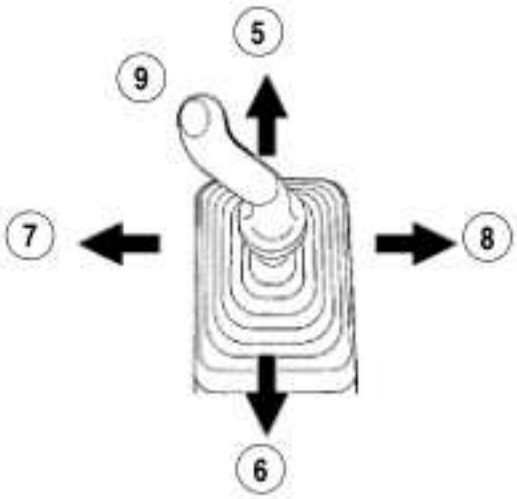
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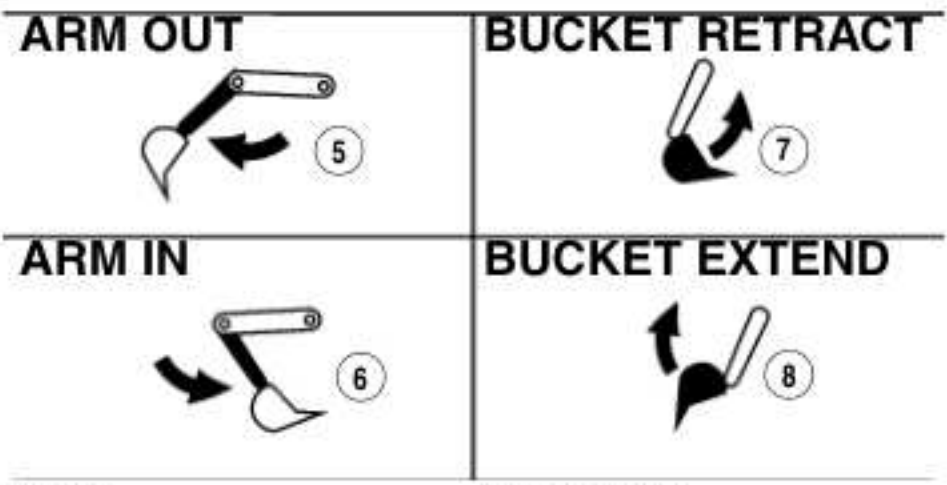



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## OPTIONAL CONTROL PATTERN

## BOOM AND BUCKET RIGHT-HAND CONTROL LEVER




5.Arm out

6.Arm in

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.

7.Bucket retracts

8.Bucket extends



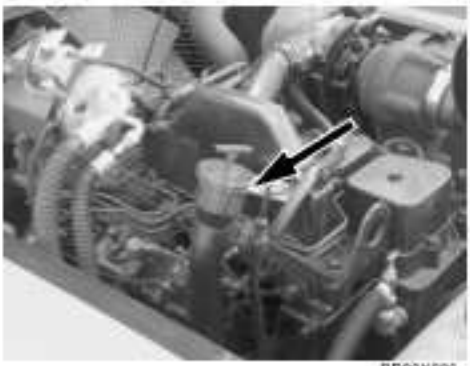
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**STEP 7**

Install the new filters, tightening until the seals come into contact with the filter heads, then tighten a further half-turn by hand.

**IMPORTANT:** *Do not use a filter wrench to tighten the filters. Excessive tightening can damage the filters and their seals.*

**STEP 8**



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Fill the engine with new engine oil (24 liters). Install the oil filler cap.

**STEP 9**

Run the engine for a few minutes and check that there are no leaks. Check the oil level again and add more oil if necessary.

**IMPORTANT:** *Always wait fifteen minutes to allow the oil to return to the sump before checking the oil level.*



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# CX160 LIFTING CAPACITIES

**3.10 m (10ft 2in) arm**

Includes 1 014 lb Bucket and 6 482 lb Counterweight. Boom circuit pressure 5 265 psi.

| | OVER END | | | | Unit-lb |
|---|---|---|---|---|---|
| Load (Lift) Point Height | Load Radius | | | | |
| | 10 ft | 15 ft | 20 ft | 25 ft | Maximum |
| 20 ft | | | 6 533* | | 3 653* at 22 ft 11 in |
| 15 ft | | | 8 124* | 4 321* | 3 540* at 24 ft 5 in |
| 10 ft | 16 054* | 11 804* | 8 694 | 5 909 | 3 629* at 26 ft 9 in |
| 5 ft | 25 096* | 13 163 | 8 233 | 5 698 | 3 915* at 27 ft 1 in |
| Ground Level | 17 755* | 12 412 | 7 854 | 5 519 | 4 467* at 26 ft 6 in |
| –5 ft | 21 929* | 12 062 | 7 645 | | 5 492*at 24 ft 10 in |
| –10 ft | 25 627 | 12 053 | 7 656 | | 6 675 at 22 ft 0 in |
| –15 ft | 22 711* | 12 414 | | | 9 993 at 17 ft 3 in |

| | OVER SIDE | | | | Unit-lb |
|---|---|---|---|---|---|
| Load (Lift) Point Height | Load Radius | | | | |
| | 10 ft | 15 ft | 20 ft | 25 ft | Maximum |
| 20 ft | | | 6 016 | | 3 653* at 22 ft 11 in |
| 15 ft | | | 5 822 | 3 768 | 3 540* at 24 ft 5 in |
| 10 ft | 16 054* | 8 813 | 5 456 | 3 625 | 3 156 at 26 ft 9 in |
| 5 ft | 14 691 | 7 917 | 5 039 | 3 429 | 2 947 at 27 ft 1 in |
| Ground Level | 13 497 | 7 266 | 4 695 | 3 262 | 2 958 at 26 ft 6 in |
| –5 ft | 13 217 | 6 962 | 4 505 | | 3 229 at 24 ft 10 in |
| –10 ft | 13 370 | 6 955 | 4 515 | | 3 951 at 22 ft 0 in |
| –15 ft | 13 913 | 7 268 | | | 5 953 at 17 ft 3 in |

**NOTE:** *Capacities that are marked with an asterisk (*) are limited by hydraulic capacities.*

**NOTE:** *Excavator lifting capacities.*

1. Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be deducted from the above lifting capacities.
2. Lifting capacities are in compliance with SAE J 1097/ISO 10567.
3. Lifting capacities are based on machine standing level on firm, uniform supporting surface. User must make allowances for job conditions such as soft or uneven ground, sudden stopping of loads, or other unfavorable job conditions.
4. Lifting capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Capacities marked with asterisk (*) are limited by hydraulic capacities.

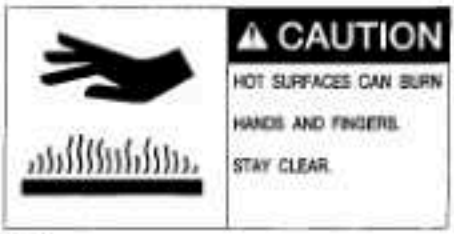


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This decal warns that some surfaces associated with the engine compartment may be hot to the touch and cause burns.

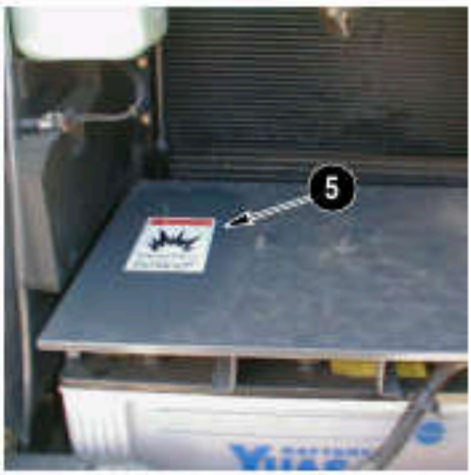



4

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5




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Battery Acid Warning

KHP1011



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