CX57C

Mini Excavator

OPERATOR'S MANUAL

Part number 90436687
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CASE CONSTRUCTION

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Angle blade version

The angle blade control lever is located on the right-hand console.

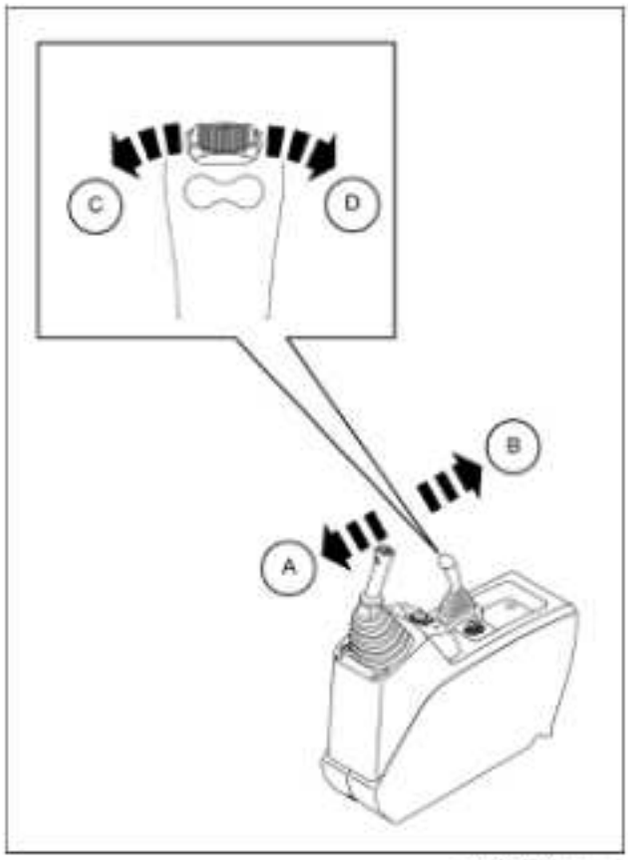
The basic operation of angle blade control lever are the following:

- push the angle blade control lever forward **(A)** to lower the dozer blade.
- pull the angle blade control lever rearward **(B)** to raise the dozer blade.
- move left-hand the slider to tilt the dozer blade leftward **(C)** (maximum angle: **25°**).
- move right-hand the slider to tilt the dozer blade rightward **(D)** (maximum angle: **25°**).

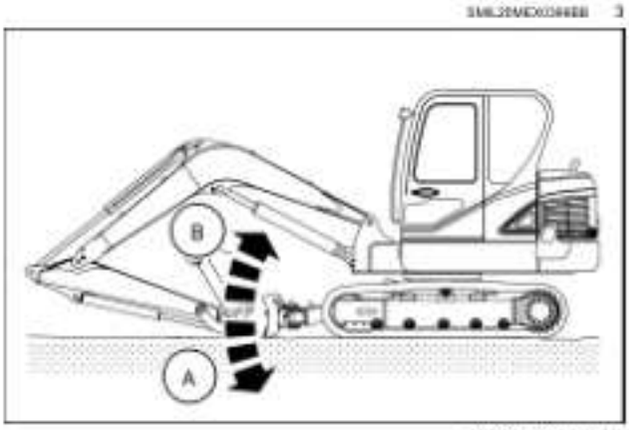
NOTICE: *never jack up or lift the machine with the angle blade placed at an angle.*

NOTICE: *stability of the machine is affected with blade at angle, keep at neutral position.*

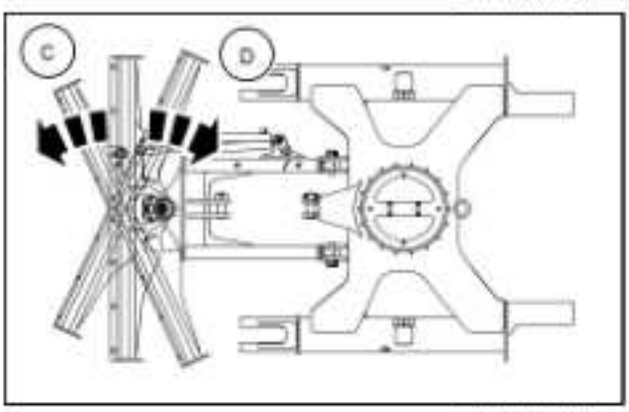
NOTICE: *before start the working operations or traveling up or down on a slope, position and keep the angle blade at neutral position.*



3



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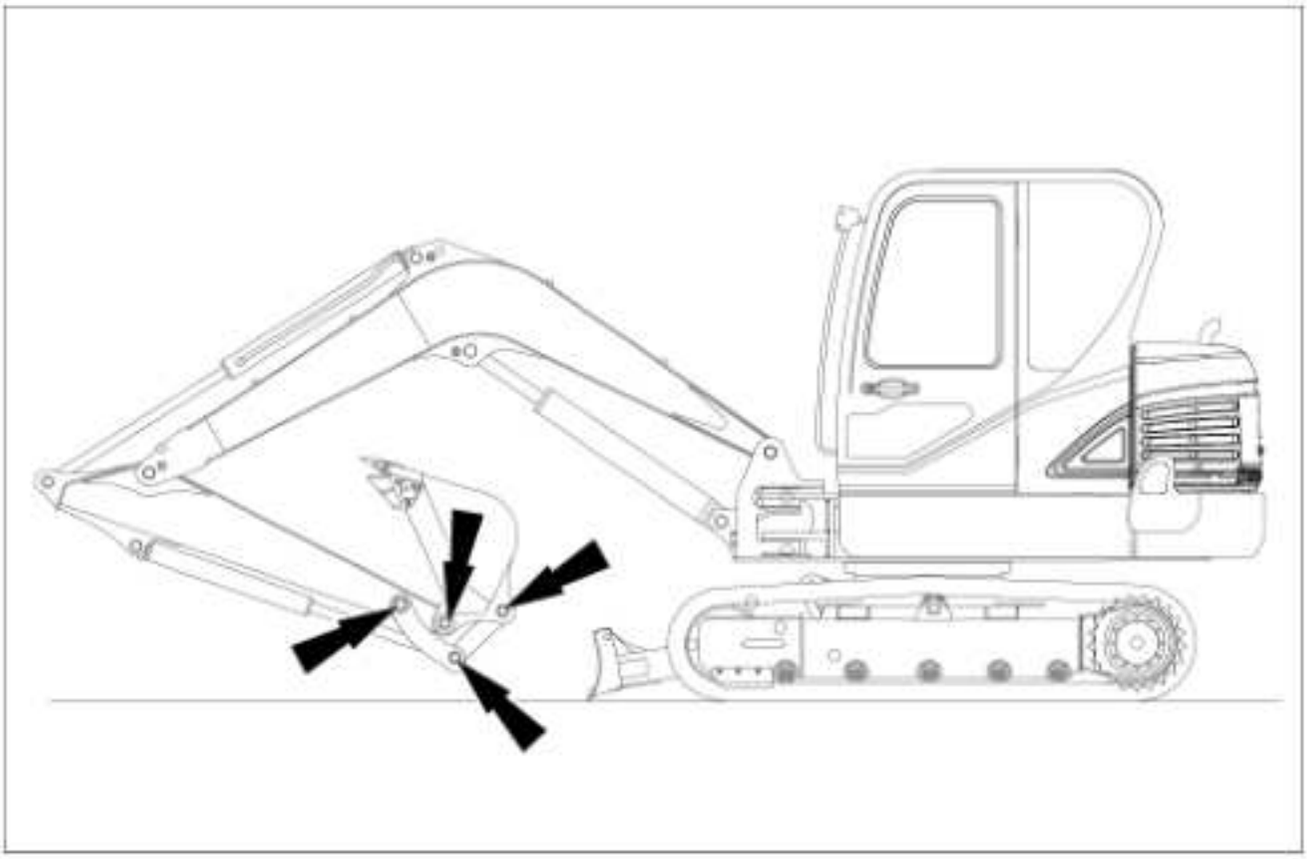
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Every 50 hours

Grease points (Bucket)

Grease the bucket linkage every **50 h** (after the break-in period).
Lubricant: **MULTI-PURPOSE MOLY GREASE EXTREME PRESSURE AND ANTI-WEAR NGLI-2**



SMLNMEX06022FA 1

Bucket cylinder pin (head): one grease fitting

Bucket cylinder pin (rod): one grease fitting

Bucket link (control rod): one grease fitting

Arm and bucket connection pin: one grease fitting

Arm and control link connection pin: one grease fitting

NOTICE: *if you operate the machine in water or mud, you must lubricate the bucket linkage every* ***10 h****.*

NOTICE: *if you operate the machine with any attachment other than a bucket, you must lubricate the bucket linkage every* ***10 h****.*

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Ditch cleaning Klac type buckets

The data shown below are referred to working operation with the dozer blade up and the **235 kg** (**518.1 lb**) counterweight.

For cab configuration:

- **1.60 m** (**62.99 in**) arm, minimum lift value: **620 kg** (**1367 lb**).
- **1.90 m** (**74.80 in**) arm, minimum lift value: **580 kg** (**1279 lb**).

Ditch cleaning klac type buckets application as function of the arm

General purpose buckets			Arm	
Capacity **ISO 7451** (Heaped)	Width	Mass	**1.60 m** (**62.99 in**)	**1.90 m** (**74.80 in**)
0.187 m³ (**0.245 yd³**)	**914 mm** (**35.98 in**)	**143 kg** (**315.3 lb**)	•	•

• Density of material up to 1.6 t/m^3
▲ Density of material from 1.4 t/m ^{3} to 1.6 t/m^3
■ Density of material from 1.2 t/m ^{3} to 1.4 t/m ^{3}
♦ Density of material under 1.2 t/m ^{3}

(*) With this bucket, to improve digging performance and stability it is recommended to use increased counterweight.

(**) With this bucket, to improve digging performance and stability it is mandatory to use increased counterweight.

NOTICE: *pay particular attention when swinging the boom to the left-hand side: the attachment may contact the cab.*

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(10) Danger electric line - Interference with attachments

⚠WARNING

Fold zone!
The booms may hit the cab when folding. Use extra care during manual boom folding and unfolding.
Failure to comply could result in death or serious injury.

W0033A

⚠CAUTION

Electrocution hazard!
Contact with overhead power lines can cause severe electrical burns or death from electrocution. Make sure there is enough clearance between equipment and overhead power lines.
Failure to comply could result in minor or moderate injury.

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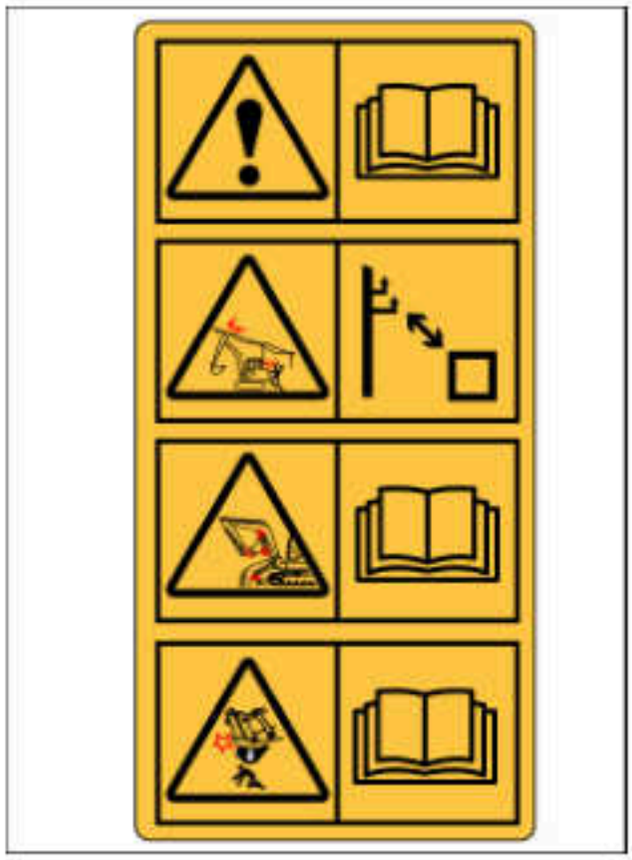
Location: this sign is located on the left–hand side window of the cab.

Quantity: 1

Part number: 91M9-07243

This sign shows that work near overhead high-voltage electric lines must not be done without checking beforehand that all necessary measures have been taken to respect the minimum distances.

The cab and/or the boom may collide with the arm or the bucket (at the end of the attachment) depending upon the length of the arm, the size of the bucket, the angle of the boom swing, or the installation of a quick coupler or other attachment. Be sure to avoid abrupt operation and secure proper clearance in order to prevent collision with the cab and the boom.



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(11) Safety front window

Location: this sign is located on the both sides window of the cab.

Quantity: 2

Part number: 91M8-07251

Be careful that the front window may be promptly closed. During the machine movements the window could fall injuring the operator.



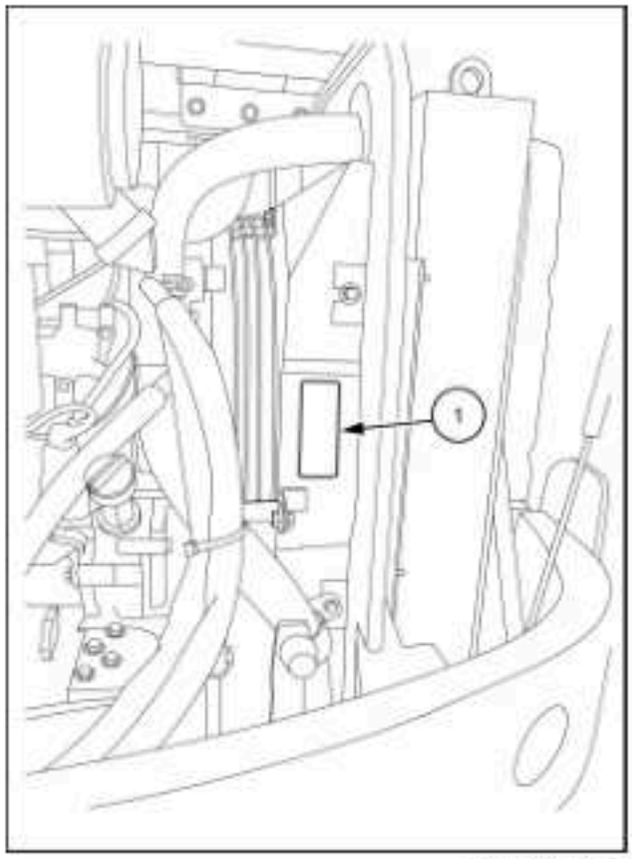
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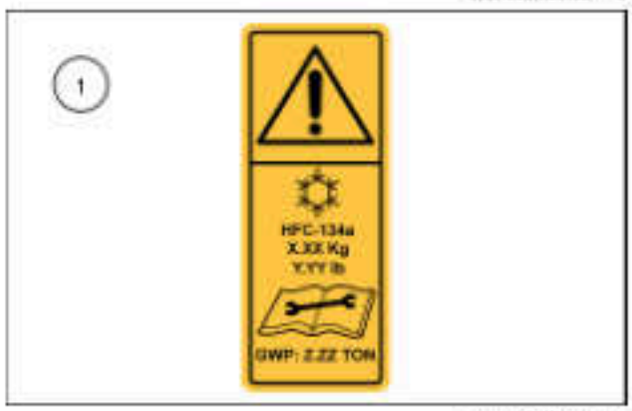
7. Charge the system with the quantity of **R134A** indicated in the air-conditioning decal **(1)** that you have on your machine.

   Quantity of **R134A**: **0.95 kg** (**2.09 lb**)

NOTE: *the air-conditioning decal* ***(1)*** *is located in the engine compartment.*



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