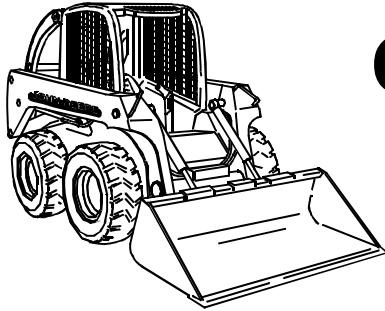


**Planetary and Chain  
Drive Augers  
PA30 and CA25 for  
240, 250, 260, 270, and  
4475, 5575, 6675, 7775, 8875  
Skid Steers**

(Serial No. 100100 – )



**OPERATOR'S  
MANUAL**

**John Deere  
Commercial Worksite Products**

**OMKV16795 A9**

North American Version  
Litho in U.S.A  
English

# INTRODUCTION

**THANK YOU for purchasing a John Deere product.**

Read this manual and your vehicle manual thoroughly. Failure to do so could result in personal injury or equipment damage.



This manual should be considered a permanent part of your attachment and should remain with the attachment when you sell it.

Measurements in this manual are metric units and their U.S. customary equivalents. RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward. When you see a broken line arrow (----->), it indicates the part it is pointing to is hidden.

Product warranty is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The product warranty is explained on the warranty certificate you received from your dealer.

Record identification numbers below. Be sure to record all the numbers to help in tracing the attachment if it is stolen. You also need to give these numbers to your authorized John Deere skid steer dealer when you order parts.

**DATE OF PURCHASE:**

\_\_\_\_\_

**DEALER NAME:**

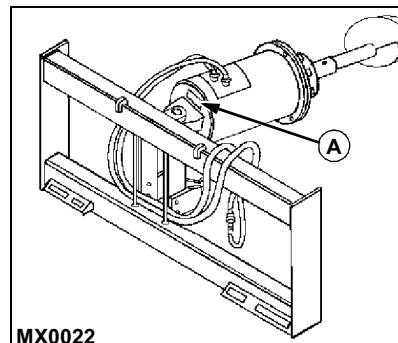
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**DEALER PHONE:**

\_\_\_\_\_

**SERIAL NUMBER (A):**

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MX0022

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# SAFETY SIGNS

## Safety-Alert Symbol

Read and recognize safety information. Be alert to the potential for personal injury when you see this safety-alert symbol.



On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards. In this manual, the word CAUTION and this symbol call attention to safety messages.

## Machine Safety Labels

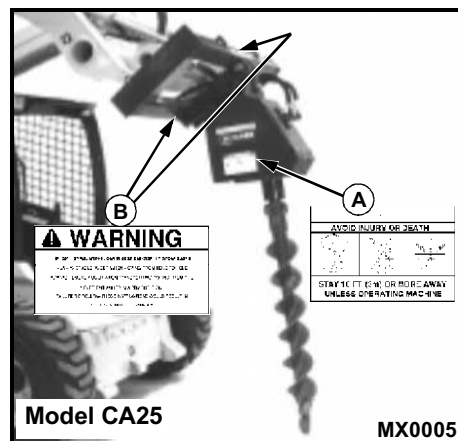
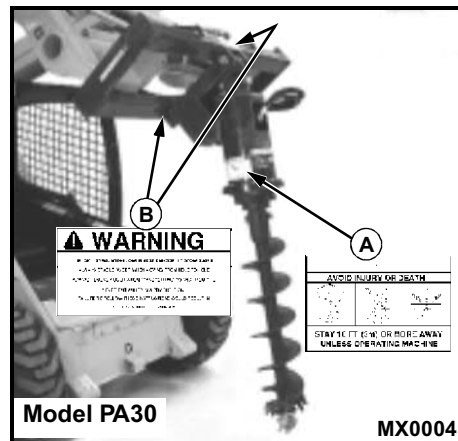
### DANGER (A)

AVOID INJURY OR DEATH  
STAY 10 FT. (3m) OR MORE  
AWAY UNLESS OPERATING  
MACHINE

- Read and understand operator's manual before operating or servicing machine.
- Stay away from rotating auger & cutting head.
- Check for underground utility lines.

### WARNING (B)

- Before dismounting, lower mast and safely stow auger.
- Always cradle auger when moving from hole to hole.
- Always remove auger when transporting to and from site.
- Never put auger in a pry position.
- Failure to follow these instructions could result in serious injury or damage!!!



## PREPARING THE VEHICLE

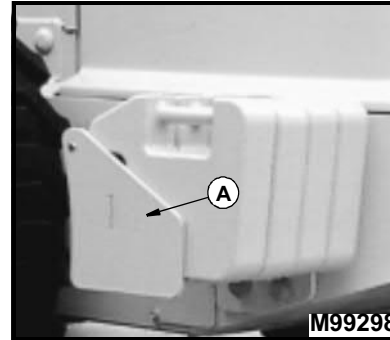
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### Ballasting

Rear ballast is not required but will improve skid steer stability when the auger is installed. Rear ballast consist of a total of eight 20 kg (44 lb) Quik-Tatch weights mounted behind the rear skid steer tires.

Install rear weight brackets (A) and weights using the installation instructions supplied with the weight bracket kit. Ballasting kits are available at your authorized John Deere skid steer dealer.



## INSTALLING

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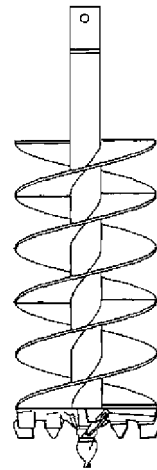
### **Park Skid Steer Safely**

- Stop skid steer on a level surface, not on a slope.
- Lower boom to the ground.
- Engage the park brake.
- STOP the engine.
- Remove the key.
- Remove the seat belt.
- Before you leave the operator's seat, wait for engine and all moving parts to STOP.
- If desired, install proper ballast to improve skid steer stability. (See Ballasting in the PREPARING THE VEHICLE section.)

### **Select Auger Bit**

Auger bit selection is important to ensure maximum digging performance and prevent premature wear or damage to the bit. Select the correct bit for the type of ground conditions and digging applications you encounter.

**Standard Duty Bit** – For moderate to difficult ground conditions including compacted soil, heavy clay, asphalt, and rocky or frozen ground.

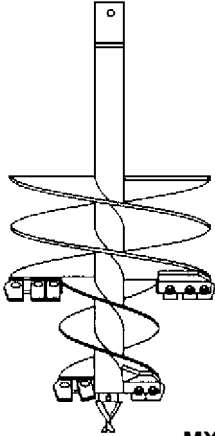


**MX0023**

# INSTALLING

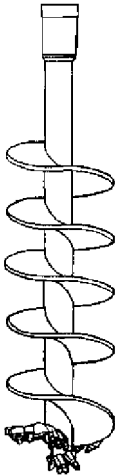
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**Tree and Shrub Bit** – For tree and shrub planting. Two-diameter design digs a smaller diameter hole for fertilizer or mulch mixture underneath the root ball. The larger diameter provides clearance between the side walls of the hole and the root ball.



MX0024

**Rock Bit** – For fracturable rock, frozen ground, and extremely compacted soils.

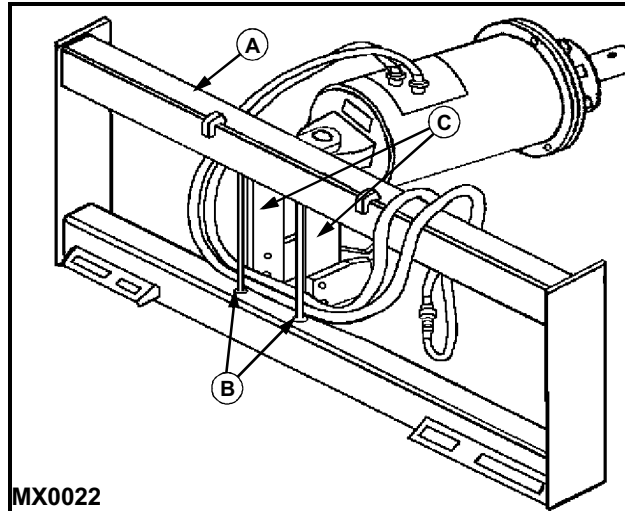


MX0025

## INSTALLING

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### Route Auger Hydraulic Hoses



1. Disconnect the auger hydraulic hose couplers.
2. Route the hydraulic hoses through opening at left side of mounting bracket (A) and between rods (B) and center supports (C).
3. Connect the hydraulic hose couplers together to keep them clean.

## INSTALLING

### Install Auger



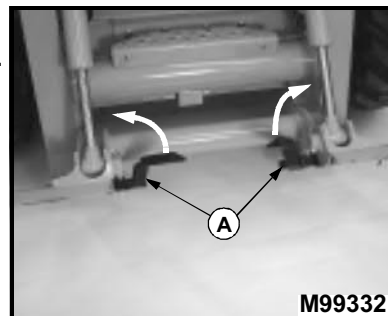
**CAUTION:** To avoid injury:

- **DO NOT** try to latch or unlatch handles from cab.
- **Be careful not to pinch hands between latch handle and step or latch handle and attachment.**

1. Pull latch handles (A) all the way upward to the UNLATCHED position.

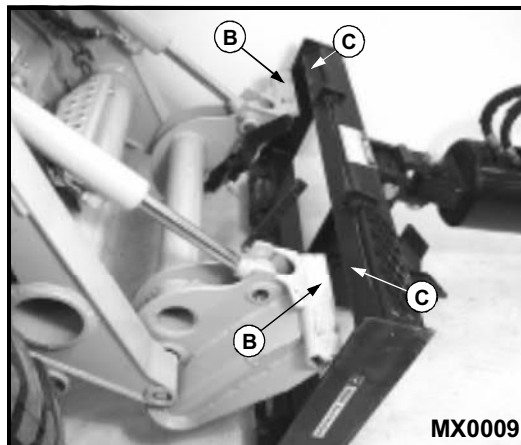
2. Enter skid steer, fasten seat belt, and start the engine. Disengage the park brake.

3. Drive skid steer so it is aligned straight behind the auger mounting bracket with boom lowered. Stop the skid steer.



4. Using the bucket control pedal, tilt attaching plates (B) as shown.

5. Drive forward slowly and guide top edges of attaching plates under upper flanges (C). Using bucket control pedal, tilt attaching plates partially rearward until auger is hooked on plates.



6. Using bucket control pedal, tilt attaching plates rearward as far as possible. Bottom surface of attaching plates must be tight against auger mounting bracket.

7. Engage park brake, stop engine, and remove the key.

8. Pivot the auxiliary hydraulic control handle toward the operator's seat several times to relieve system pressure.

9. Remove seat belt and exit the skid steer.

## INSTALLING

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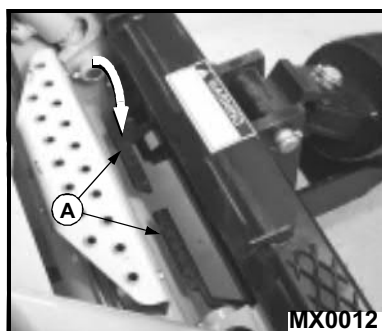
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**CAUTION:** To avoid injury, be sure pins and latch handles are secure before operating boom and bucket pedals. If attachment is not securely latched, remove it and repeat the installation.

10. Push latch handles (A) downward completely to engage lock pins.

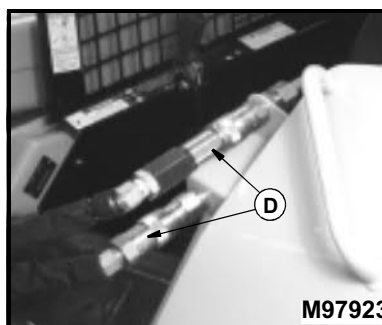
11. Disconnect the auger hydraulic hose couplers.



**CAUTION:** Escaping fluid under pressure can penetrate the skin causing serious injury. Avoid the hazard by relieving pressure before disconnecting or connecting hydraulic and other lines. Tighten all connections before applying pressure. Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

12. Connect the auger hydraulic hoses to skid steer hydraulic couplers (D) at left side of machine.

13. Install auger bit if necessary.



# INSTALLING

## Installing Auger Bit



### CAUTION: AVOID INJURY OR DEATH!

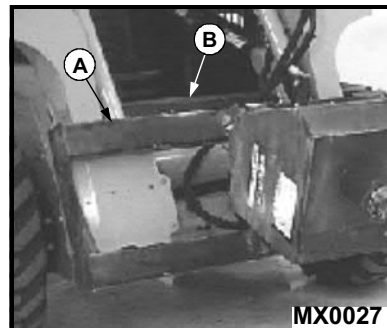
Use an overhead crane or other safe lifting device and two people to install or remove larger bits:

- Visually inspect skid steer attachment mechanism to ensure lock pins are engaged in auger mounting bracket.
- Secure a safe lifting sling around the bit.
- Balance auger bit weight when attaching sling.
- DO NOT raise bit above auger output shaft.
- Maintain visual and verbal contact with one another at all times.
- Wear protective hard hat and gloves.
- DO NOT put hands between bit and output shaft.

1. Install auger on skid steer.

2. Enter skid steer, fasten seat belt, and start the engine. Disengage the park brake.

3. Tilt auger mounting bracket (A) as far rearward as possible and lower boom to ground.

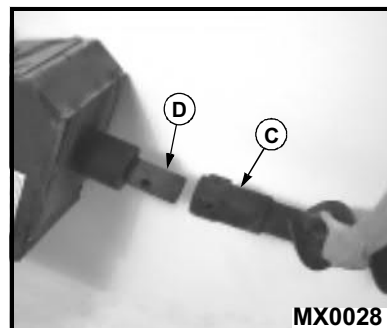


4. Raise boom approximately 15 - 20 cm (6 - 8 in.), making sure boom step is not higher than top edge of toe guard (B).

5. Engage park brake, stop engine, and the remove key.

6. Remove seat belt and exit the skid steer.

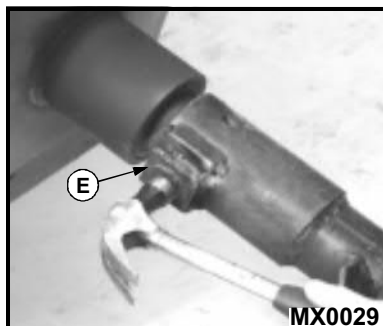
7. Slide auger bit (C) over output shaft (D). Align the auger mounting pin holes.



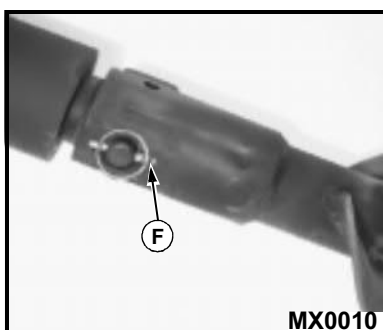
## INSTALLING

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8. Install auger mounting pin (E). If necessary, tap pin head gently with hammer until pin is fully seated.



9. Insert quick-lock pin (F) through hole in auger mounting pin. Fold down the retaining ring to secure.



# REMOVING

## Removing Auger Bit



### CAUTION: AVOID INJURY OR DEATH!

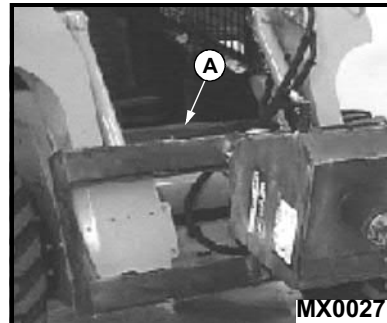
Use an overhead crane or other safe lifting device and two people to install or remove larger bits:

- Visually inspect skid steer attachment mechanism to ensure lock pins are engaged in auger mounting bracket.
- Secure a safe lifting sling around the bit.
- Balance auger bit weight when attaching sling.
- DO NOT raise bit above auger output shaft.
- Maintain visual and verbal contact with one another at all times.
- Wear protective hard hat and gloves.
- DO NOT put hands between bit and output shaft.

1. Enter skid steer, fasten seat belt, and start the engine. Disengage the park brake.

2. Tilt auger mounting bracket as far rearward as possible and lower boom to the ground.

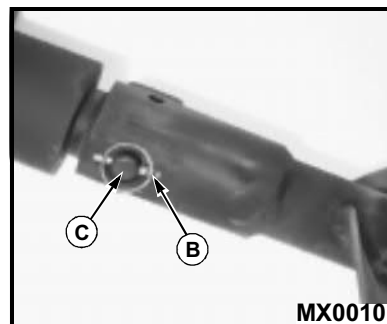
3. Raise boom approximately 15 - 20 cm (6 - 8 in.) Make sure boom step is not higher than top edge of toe guard (A).



4. Engage park brake, stop engine, and remove the key.

5. Remove seat belt and exit the skid steer.

6. Remove quick-lock pin (B). Tap gently on auger pin (C) with wood block to loosen pin.



## REMOVING

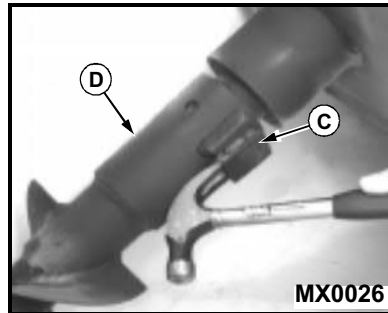
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**IMPORTANT:** To prevent damage, do not pry against output shaft housing. Position hammer against bit and pull outward.

7. Position hammer head against bit (D) and insert claw under head of pin (C). Gently pull pin outward until removed.

8. Slide auger bit off of output shaft.

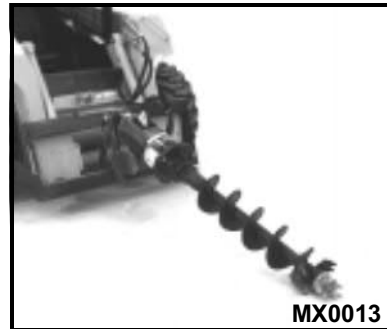


## REMOVING

### Remove Auger

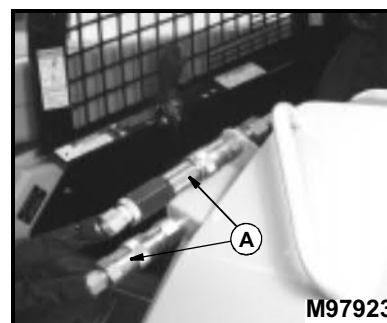
**NOTE: Auger storage site should be a firm, level surface for ease of removal.**

1. Drive skid steer to auger storage site and stop machine.
2. Using the bucket control pedal, tilt auger to a horizontal position.
3. Using the boom control pedal, slowly lower boom to the ground.
4. Engage park brake, stop engine, and remove the key.
5. Pivot the auxiliary hydraulic control handle toward the operator's seat several times to relieve system pressure.
6. Remove seat belt and exit the skid steer.



**CAUTION: Escaping fluid under pressure can penetrate the skin causing serious injury. Avoid the hazard by relieving pressure before disconnecting or connecting hydraulic and other lines. Tighten all connections before applying pressure. Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.**

7. Disconnect hydraulic couplers (A) and pull hoses clear of skid steer.
8. Connect the pressure hose female coupler to the return hose male coupler to keep couplers clean.



## REMOVING

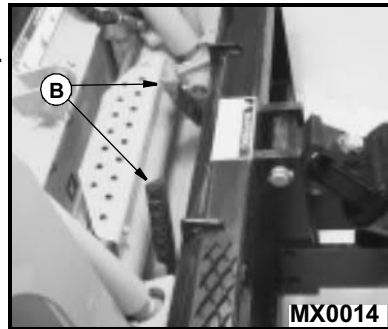


**CAUTION: To avoid injury:**

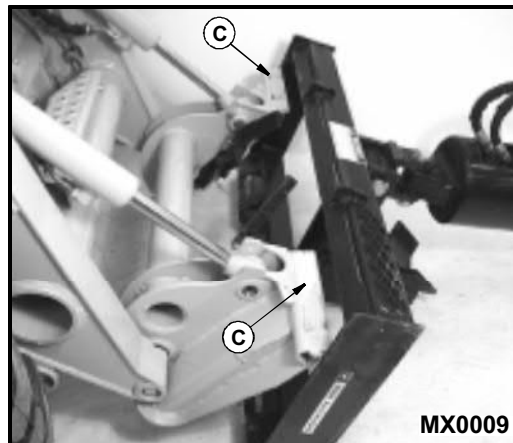
- **DO NOT** try to latch or unlatch handles from cab.
- **Be careful not to pinch hands between latch handle and step or latch handle and attachment.**

9. Pull latch handles (B) all the way upward to the UNLATCHED position.

10. Enter skid steer, fasten seat belt, and start the engine. Disengage park brake.



11. Using the bucket control pedal, tilt attaching plates (C) forward while slowly backing away from the auger.





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**If the above button click is invalid.**

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# OPERATING

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## Operate Safely

- Inspect attachment before you operate. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure guards and shields are in good condition and fastened in place. Make any necessary adjustments before you operate.
- Clear work area of objects that might be thrown. Keep people and pets out of the work area. Stop machine if anyone enters the area, especially when running the auger.
- DO NOT operate auger unless it is properly installed on skid steer.
- Only operate auger from the skid steer operator's seat.
- If you hit an object, stop machine and inspect it. Make repairs before you operate. Keep machine properly maintained and in good working order.
- DO NOT leave skid steer unattended when it is running.
- Only operate during daylight or with adequate artificial light.
- Watch for overhead wires. Never touch wires with any part of the skid steer boom or auger.
- ALWAYS check to the sides and rear of the skid steer before backing up.
- DO NOT let anyone, ESPECIALLY CHILDREN, ride on the skid steer.
- DO NOT let children or an untrained person operate machine.
- DO NOT reach out of cab. Skid steer boom is raised and lowered during auger operation and can cause injury.
- DO NOT wear radio or music headphones while operating machine. Safe operation requires your full attention.
- Before digging, contact your local utility companies (gas, electric, telephone, water, and sewer) to find out where utilities are buried. Stay clear of such hazards.
- ALWAYS remove auger from skid steer when transporting to and from a worksite.

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