



JOHN DEERE

Product Services Information

INSTALLATION INSTRUCTIONS (Includes English, French and Spanish)



JOHN DEERE

BACKHOE MOUNTING KIT

Parts in Kit

| Qty. | Description |
|------|------------------------|
| 1 | RSA Mounting Plate, LH |
| 1 | RSA Mounting Plate, RH |
| 6 | Bolt, M14 x 135 |
| 6 | Bolt, M14 x 120 |
| 12 | Washer |
| 2 | Spacer |

NOTE: Retain these installation instructions with your machine operator's manual.

Parking Safely

1. Stop machine on a level surface, not on a slope.
2. Disengage PTO and stop attachments.
3. Lower attachments to the ground.
4. Lock park brake.
5. Stop engine.
6. Remove key.
7. Wait for engine and all moving parts to stop before you leave the operator's station.
8. Close fuel shut-off valve, if your machine is equipped.
9. Disconnect the negative (-) battery cable before servicing the machine.

Preparing Tractor



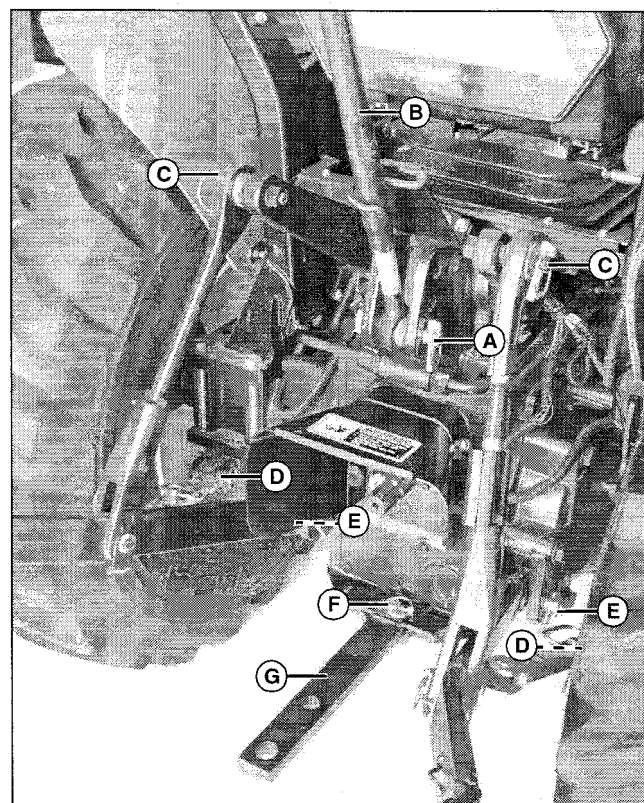
CAUTION: Avoid injury! DO NOT operate backhoe without front loader and tall folding Roll Over Protection System (ROPS) mounted on tractor.

Loader provides front ballast for better steering control and makes tractor/backhoe more stable during backhoe operation.

Tall folding ROPS provides necessary headroom while sitting on backhoe seat.

Mount rear wheels in the widest position for maximum stability.

1. Park machine safely.
2. If mid-mount mower deck is installed, raise mower deck and install transport lock. Remove mower lift links from rockshaft.



MX15443

3. Remove 3-point hitch and drawbar:
 - a. Remove locking pins (A) and center link (B).
 - b. Remove locking pins (C), (D), and (E), and remove links on both sides.

- c. Disassemble links as needed and install locking pins in links for storage.

IMPORTANT: Avoid damage! Failure to remove drawbar from tractor will result in damage to tractor, backhoe, or both.

- d. Remove locking pin (F) and drawbar (G). Install pin in drawbar to store.

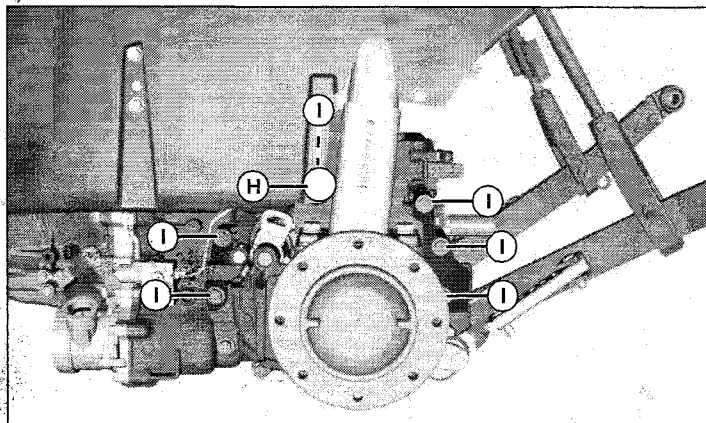


CAUTION: Avoid injury! Remove wheels safely.

- Use a safe lifting device and support machine securely on jack stands.
- Block front and rear of wheel not raised to prevent machine movement.
- Wheel can be heavy or difficult to handle when removing.

4. Remove rear wheels.

NOTE: Rear fenders can be removed to access the top axle flange bolt rather than drilling holes in fenders.

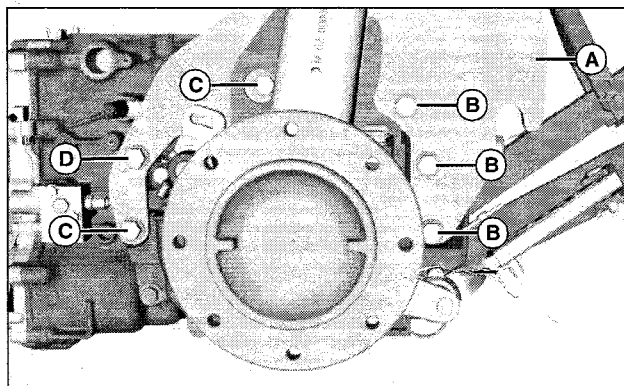


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5. Remove axle flange bolts:

- a. Using a 35mm (1-3/8 in.) or larger hole saw, cut a hole (H) through rear fenders in front of ROPS to reach bolt.
- b. Remove six bolts (I) from axle flanges on both sides.

Install Rockshaft Assist (RSA) Mounting Plates



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Picture Note: Fender removed.

1. Install RSA mounting plates (A) from rear of tractor. Avoid pinching electrical wires.

IMPORTANT: Avoid damage! Always use hardened washers included with the kit. If standard washers are substituted, the cap screw heads will dig into the washer faces and loosen as backhoe is used.

Do not overtighten cap screws. Damage to the transaxle case will result.

2. Install hardware on both plates:

- Three M14x135 bolts (B) with washers
- Two M14x120 bolts (C) with washers
- One M14x120 bolt (D) with washer and spacer

3. Tighten hardware to 220 N•m (162 lb-ft).

Finish Installation

1. Install fenders if removed.
2. Mount rear wheels in widest tread width position. See your machine operator's manual or technical manual for wheel bolt torque.