

72 Inch Mulch Kit

TCB10951



JOHN DEERE

INSTALLATION INSTRUCTIONS

72 Inch Mulch Kit

TCU23185 03OCT16 (ENGLISH)

1420, 1435, 1445, 1545, 1565, 997, Z997R, 2032R, 2036R,
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John Deere Horicon Works
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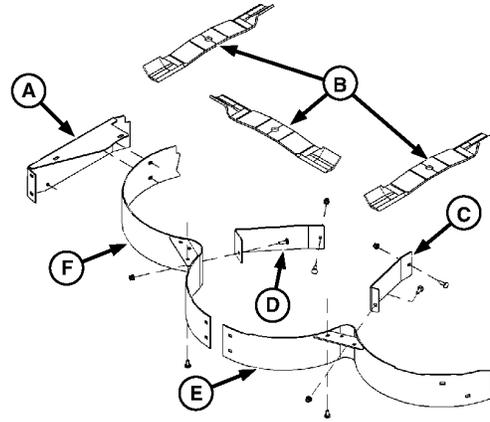
Parts in Kit

Qty.	Description
1	Plate, Discharge Chute (A)
3	Blade, 72-inch Mulching (B)
1	Chamber Separator, Left (C)
1	Chamber Separator, Right (D)
1	Mulch Baffle, Left (E)
1	Mulch Baffle, Right (F)
1	Bag of Parts

Bag of Parts

Qty.	Description
12	Carriage Bolt, M8x20 Round Head
6	Carriage Bolt, M8x25 Round Head
20	Flange Locknut, M8

NOTE: Retain this instruction sheet with your machine operator's manual for future use.



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Parking Safely

1. Stop machine on a level surface, not on a slope.
2. Z-Trak machines: Move motion control levers out to the neutral lock position.
3. Disengage mower blades or any other attachments.
4. Lower attachments to the ground.
5. Lock the park brake.
6. Stop the engine.
7. Remove the key.
8. Wait for engine and all moving parts to stop before you leave the operator's seat.
9. Close fuel shut-off valve, if your machine is equipped.
10. Disconnect the negative battery cable or remove the spark plug wire(s) (for gasoline engines) before servicing the machine.

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Prepare Machine for Service

Front Mower

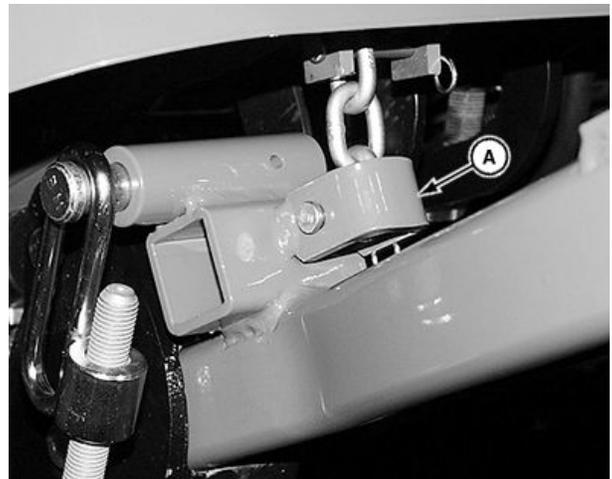
1. Rotate the mower deck to the service position (front mowers) or remove the mower deck from the machine and flip to access the underside of the deck. (See Service Mower section in machine operator's manual).
2. Engage and secure deck service latches (A).

Compact Utility Tractor

1. Follow machine operator's manual instructions to remove mower deck from tractor.
2. Use a safe lifting device to raise mower deck to access the blades. Support with jack stands and/or wooden blocks.

Z-Trak

1. Raise mower deck to transport position.



2. Raise front of machine with a safe lifting device. Support with jack stands and/or wooden blocks.

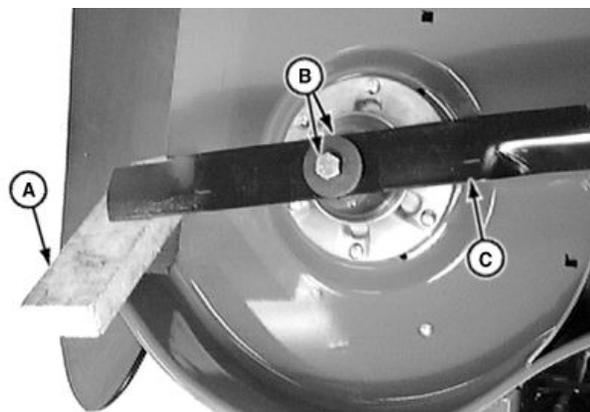
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Remove Old Blades

⚠ CAUTION: Avoid injury! Mower blades are sharp. Always wear gloves when handling mower blades or working near blades.

1. Clean underside of deck.
2. Use a wood block (A) wedged between blade and deck to keep blade from turning.
3. Remove mounting bolts and washers (B). And retain for mulch blade installation.
4. Remove original mower blades (C) and save for future use when mulching kit is not in use.



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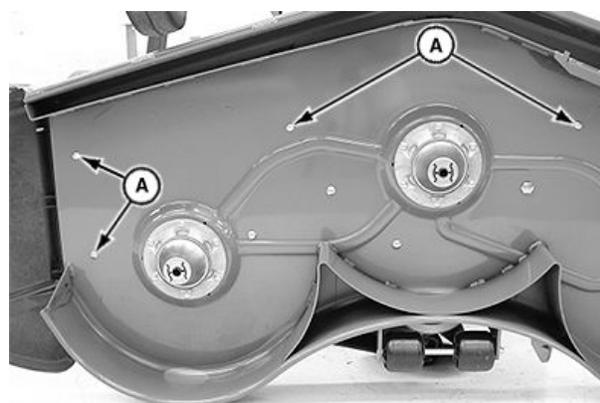
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Install Mulch Kit

IMPORTANT: Avoid damage! Always install mulch kit attaching carriage bolts with round head facing toward blades and flange locknut on outside of deck. Never put flange locknut in path of blade or where grass can be caught by protruding threads.

Do not tighten any flange locknuts until blade-to-deflector clearance is checked.

1. Front Mower Only: Remove four carriage bolts (A) and flange locknuts from mower deck at locations shown. Save hardware to install if mulch kit is removed

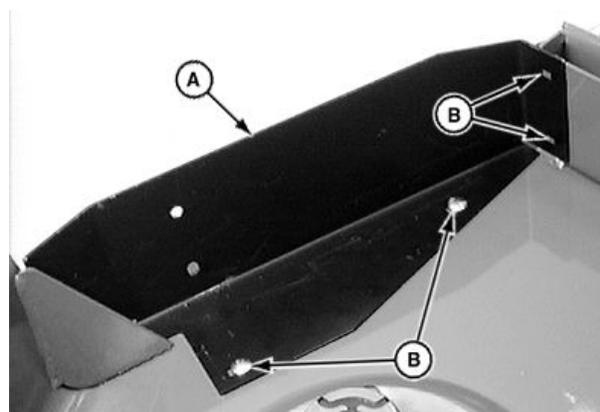


Front Mowers

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2. Front mowers and Z-Traks: Position discharge chute plate (A) in deck chute opening. Install four carriage bolts (B) and flange locknuts, but do not tighten.



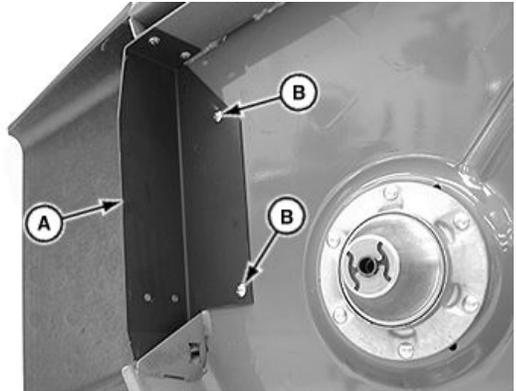
Front Mowers and Z-Traks

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3. Compact Utility Tractors: Position discharge chute plate (A) in deck chute opening. Install two carriage bolts (B) and flange locknuts, but do not tighten.

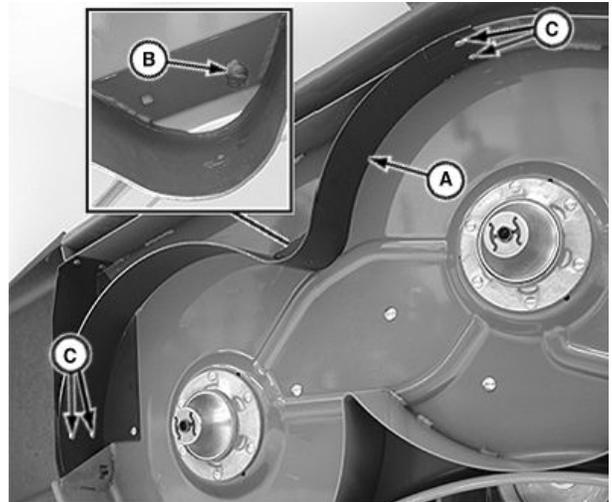


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NOTE: On Compact Utility Tractors, the mower deck will not include a welded front plate. Position mulch baffle and chute plate to locate and drill holes through the front of the deck shell for final installation.

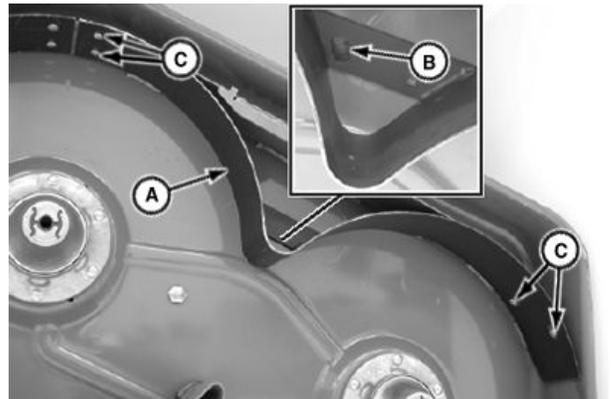
4. Position right mulch baffle (A) with welded bolt (B) in deck hole. Install four carriage bolts (C) and five flange locknuts, but do not tighten.



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5. Position left mulch baffle (A) with welded bolt (B) in deck hole. Install four carriage bolts (C) and five locknuts, but do not tighten.

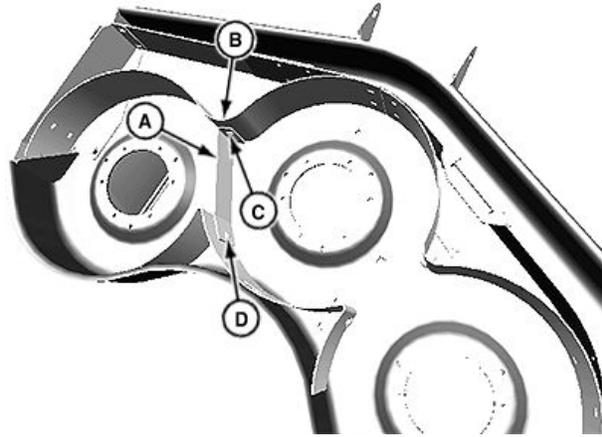


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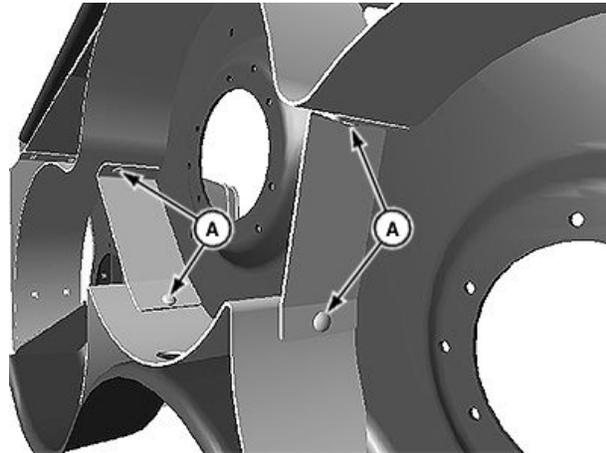
6. Install right chamber separator (A).
7. Line up hole (B) in right baffle with the hole in the bend leg on chamber separator (C).
8. Using chamber separator as a template, drill an 8 mm hole in the rear mulch baffle (D).
9. Repeat for the left side.



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10. Install both chamber separators using M8x25 carriage bolts and Install flange locknuts (A), but do not tighten.



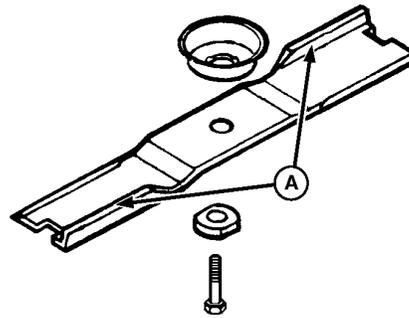
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Install Mulch Blades

⚠ CAUTION: Avoid injury! Mower blades are sharp. Always wear gloves when handling mower blades or working near blades.

1. Install mulching blades into spindles with wings (A) facing up to deck.

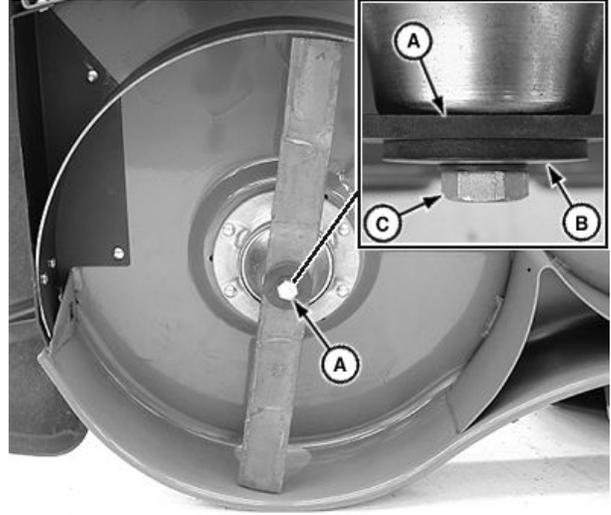


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2. Install large washer (A) with concave side facing blade. Install small flat washer (B) and blade bolt (C). Hand tighten blade bolts on spindles.
3. Rotate blades by hand and check blade-to-mulch clearance.
4. Adjust mulch baffles as required and tighten all mulch baffle hardware and end plate bracket to 24 N•m (18 lb-ft).
5. Place wood block between blade and deck and tighten blade bolts to 122 N•m (90 lb-ft).
6. Check blade-to-mulch baffle clearance again before installing deck.
7. Install mower deck on machine or rotate blades to the mow position (front mowers).
8. Connect the negative battery cable and spark plug wire.



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