

Lawn Tractor LT160, LT180, LT190 OMM149824 K3

Removing Mower (38 Inch, 42 Inch, 42 Inch Mulching Mower)

1. Park machine safely. (See Parking Safely in the Safety section.)
2. Allow engine and muffler to cool completely.

CAUTION: Avoid injury! Rotating blades are dangerous. Before adjusting or servicing mower:

- Disconnect spark plug wire(s) or battery negative (-) cable to prevent engine from starting accidentally.
- Always wear gloves when handling mower blades or working near blades.

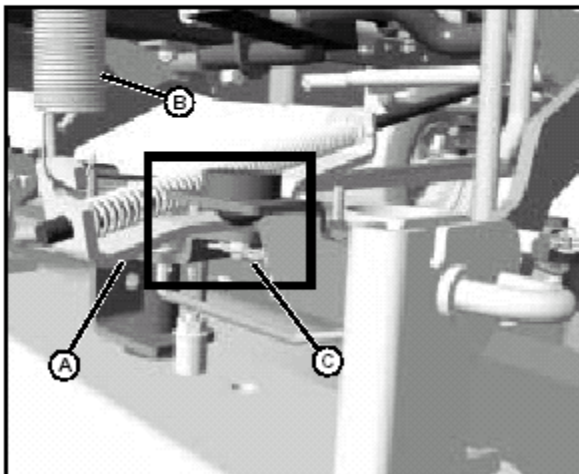
3. Adjust mower cutting height to lowest position.
4. Move mower engagement lever to stop position.
5. Put wood blocks under each side of mower.

CAUTION: Avoid injury! If lift pedal is spring-assisted it may have unexpected movement. Lock lift pedal when installing or removing mower deck.

NOTE: If you have a lift assist installed on your machine (standard with 48 Inch Mower, optional with other mowers), you may need to lower mower and then pull lift pedal back by hand to lock the lift lock lever.

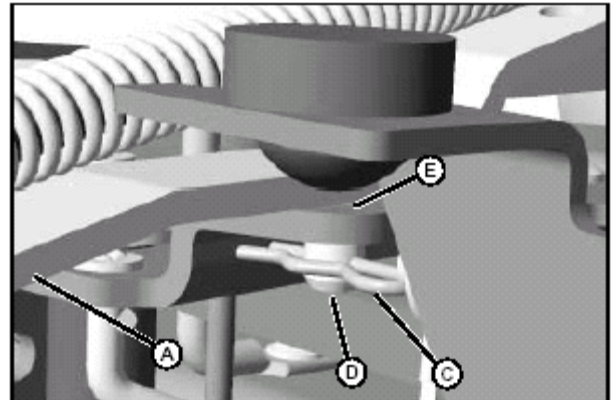
6. Lower mower onto blocks, pull back lift pedal, and slide lift lock lever up to lock draft arms down.

CAUTION: Avoid injury! PTO rod will lift up toward machine when spring locking pin is removed. Hold PTO rod securely to prevent sudden movement. Keep fingers away from spring (B).



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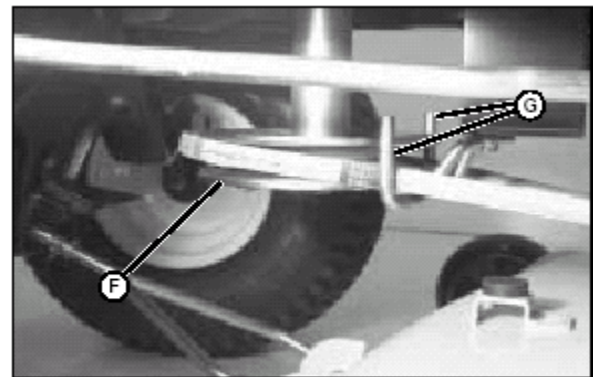
Picture Note: View from beneath right side of machine.



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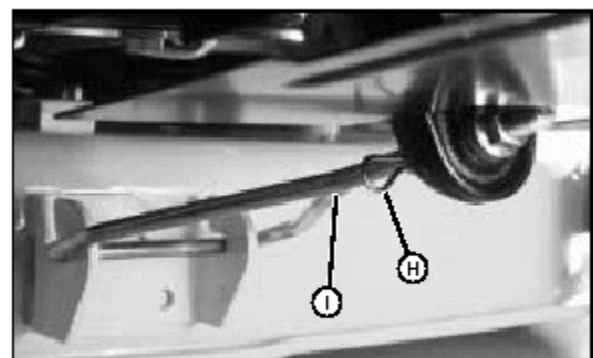
Picture Note: Close-up of spring locking pin (C).

7. Hold PTO rod bracket (A) near spring (B) and remove spring locking pin (C) from drilled pin (D) beneath PTO rod bracket. Allow spring to slowly pull PTO rod up from bracket (E) on mower and toward machine.



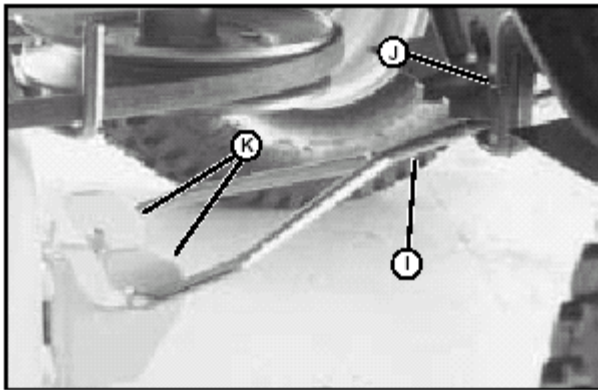
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8. Remove belt from engine drive sheave (F) and belt guides (G).



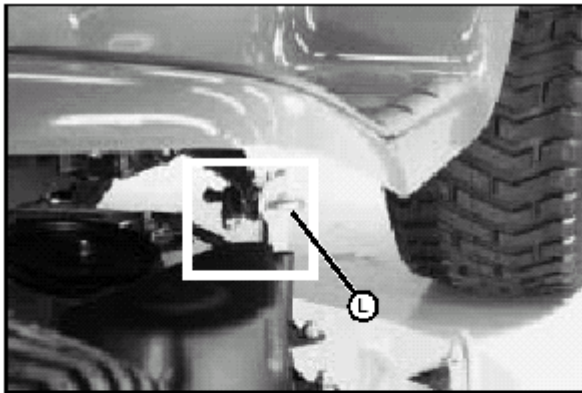
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9. Remove spring locking pin (H) from front draft rod (I).

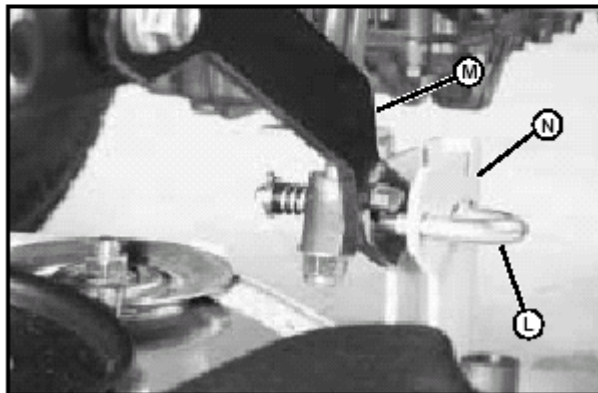


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10. Remove front draft rod (I) from hole in machine bracket (J) and from mower brackets (K).



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Picture Note: Close-up of draft arm and J-pin.

11. Pull and rotate J-pin (L) to release and move draft arm (M) away from mower bracket (N). Repeat on other side.

⚠ CAUTION: Avoid injury! If lift pedal is spring-assisted it can snap back when deck is removed.

Hold lift pedal securely when releasing from lock (lower) position.

12. Raise draft arms to transport position:
- Pull and hold lift pedal by hand.
 - Unlock lift latch handle.
 - Push down and hold lift pedal.
 - Pull up lift lock lever to lock draft arms in transport position.

13. Remove wood blocks from both sides and slide mower out from under machine section.)

2. Allow engine and muffler to cool completely.

⚠ CAUTION: Avoid injury! Rotating blades are dangerous. Before adjusting or servicing mower:

- Disconnect spark plug wire(s) or battery negative (-) cable to prevent engine from starting accidentally.
- Always wear gloves when handling mower blades or working near blades.

- Adjust mower cutting height to lowest position.
- Move mower engagement lever to stop position.
- Put wood blocks under each side of mower deck.

⚠ CAUTION: Avoid injury! Lift pedal is spring-assisted and may have unexpected movement.

Lock lift pedal when installing or removing mower deck.

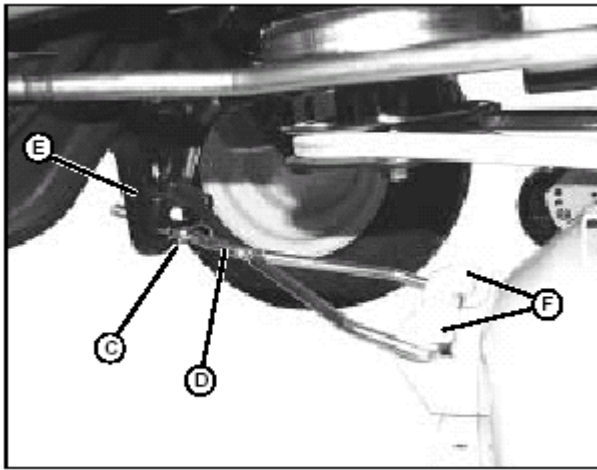
NOTE: For lift assist, you may need to lower deck and then pull lift pedal back by hand to lock the lift lock lever.

6. Lower mower deck onto blocks, pull back lift pedal, and slide lift lock lever up to lock draft arms down.



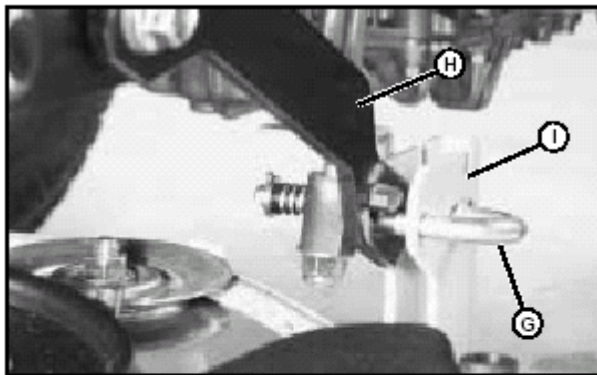
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7. Push back on tensioning lever (A), remove mower drive belt from engine drive sheave (B), and slowly release tensioning lever.



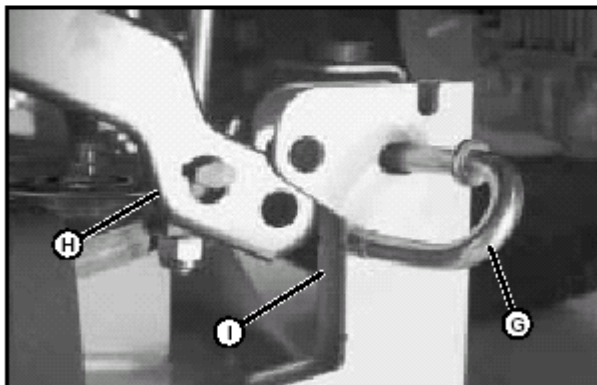
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8. Remove spring locking pin (C) from front draft rod (D).
9. Remove front draft rod (D) from hole in tractor bracket (E) and from mower brackets (F).



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Picture Note: Close-up of draft arm and J-pin



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Picture Note: J-pin pulled back to show hole alignment for draft arm and deck bracket

10. Pull and rotate J-pin (G) to release and move draft arm (H) away from deck bracket (I). Repeat on other side.

⚠ CAUTION: Avoid injury! Lift pedal is spring-assisted and can snap back when deck is removed.

Hold lift pedal securely when releasing from lock (lower) position.

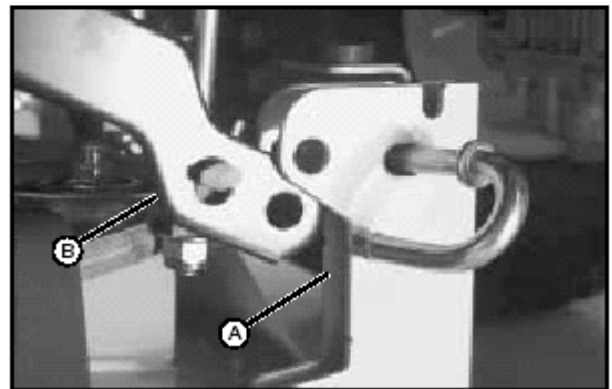
11. Raise draft arms to transport position:
 - a. Pull and hold lift pedal by hand.
 - b. Unlock lift latch handle.
 - c. Push down and hold lift pedal.
 - d. Pull up lift lock lever to lock draft arms in transport position.
12. Remove wood blocks from both sides and slide mower out from under tractor.

Installing Mower (38 Inch, 42 Inch, 42 Inch Mulching Mower)

1. Park machine safely. (See Parking Safely in the Safety section.)
2. Allow engine and muffler to cool completely.
3. Adjust mower cutting height to lowest position.

⚠ CAUTION: Avoid injury! Rotating blades are dangerous. Before adjusting or servicing mower:

- Disconnect spark plug wire(s) or battery negative (-) cable to prevent engine from starting accidentally.
- Always wear gloves when handling mower blades or working near blades.



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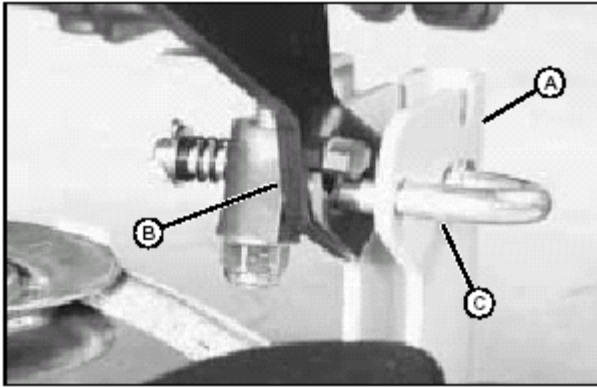
Picture Note: J-pin pulled back to show hole alignment for draft arm and mower bracket.

4. Slide mower, guide wheels in front, under machine and line up mower bracket (A) with draft arm (B).
5. Put wood blocks under each side of mower.
6. Unlock lift lock lever.

⚠ CAUTION: Avoid injury! If the lift pedal is spring-assisted it may have unexpected movement.

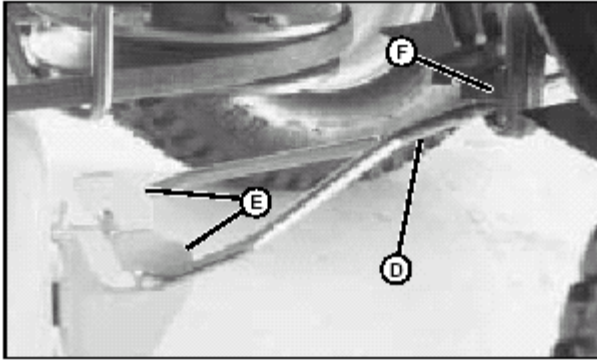
Lock the lift pedal when installing or removing mower deck.

7. Pull lift pedal by hand to lower draft arms. Hold pedal securely and lock lift lock lever.



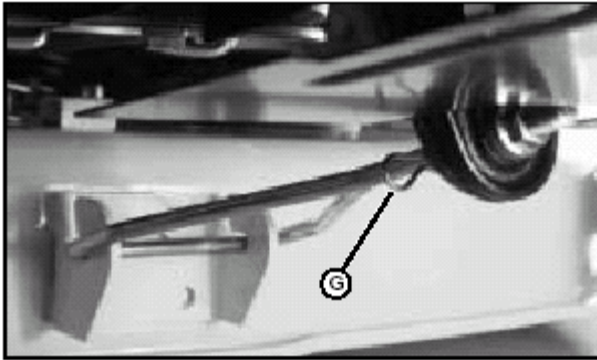
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8. Pull back J-pin (C) and insert through mower bracket (A) and draft arm (B). Make sure pin installs completely through mower bracket.



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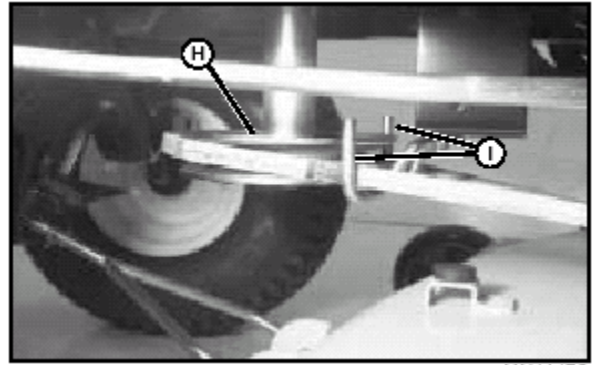
9. Install front draft rod (D) into mower bracket (E) and then into hole in machine bracket (F). Make sure nut and rounded bushing are on front side of machine bracket.



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10. Install spring locking pin (G) with loop of pin hanging down.

IMPORTANT: Avoid damage! The belt will be damaged if installed wrong. Route the belt properly through belt guides. See belt routing label on mower deck.



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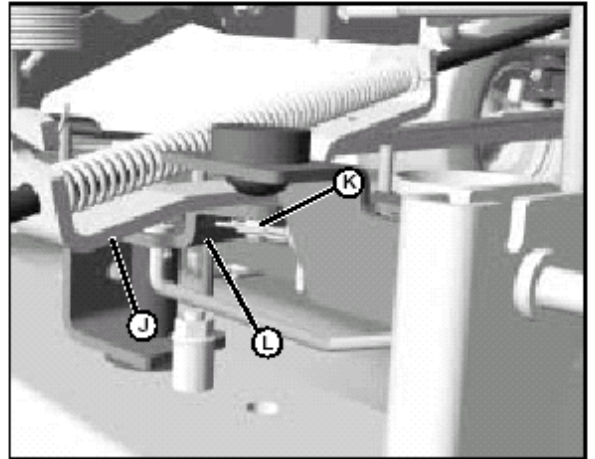
11. Put mower drive belt on engine drive sheave (H) and route through both belt guide loops (I). Make sure belt is on all sheaves and idlers and is inside all belt guides, front and rear.

12. Remove wood blocks from both sides of mower.

IMPORTANT: Avoid damage! If the mower engagement rod is not adjusted properly, the mower belt may slip or drag on blade sheave resulting in belt damage.

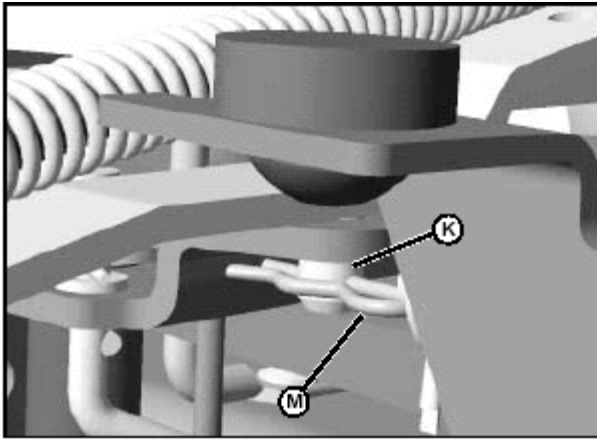
NOTE: Make sure:

- Mower is at lowest possible cutting height.
- Mower is at mowing position.
- Mower engagement lever is pulled back into stop position.
- Gage wheels are not touching the ground.



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Picture Note: View from beneath right side of machine.



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Picture Note: Close-up of spring locking pin (M).

13. Pull down PTO rod bracket (J) and insert drilled pin (K) into bracket (L) on mower.
14. Insert spring locking pin (M) into drilled pin (K).
15. Level mower.

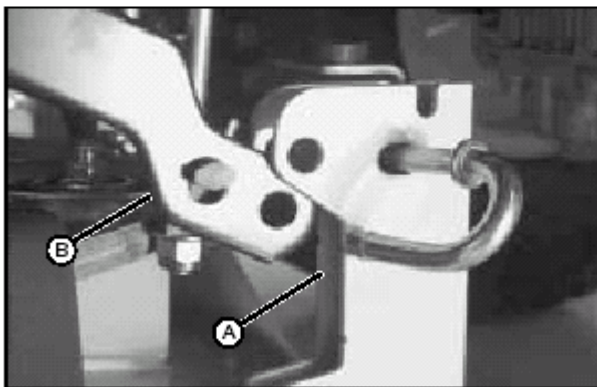
Installing Mower (LT190 with 48 Inch Mower)

1. Park machine safely. (See Parking Safely in the Safety section.)
2. Allow engine and muffler to cool completely.
3. Adjust mower cutting height to lowest position.



CAUTION: Avoid injury! Rotating blades are dangerous. Before adjusting or servicing mower:

- Disconnect spark plug wire(s) or battery negative (-) cable to prevent engine from starting accidentally.
- Always wear gloves when handling mower blades or working near blades.



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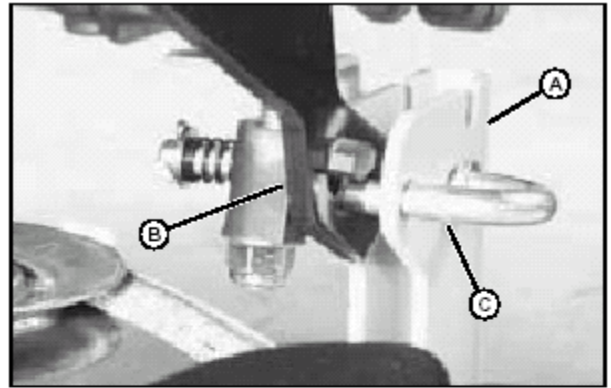
Picture Note: J-pin pulled back to show hole alignment for draft arm and deck bracket

4. Slide mower deck, guide wheels in front, under tractor and line up deck bracket (A) with draft arm (B).
5. Put wood blocks under each side of mower deck.
6. Unlock lift lock lever.



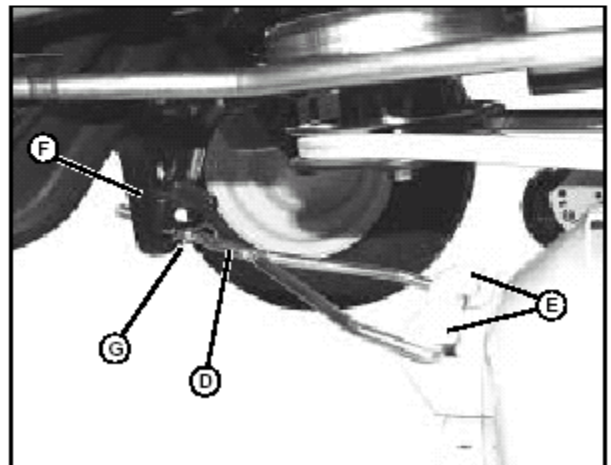
CAUTION: Avoid injury! Lift pedal is spring-assisted and may have unexpected movement. Lock lift pedal when installing or removing mower deck.

7. Pull lift pedal by hand to lower draft arms. Hold pedal securely and lock lift lock lever.



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8. Pull back J-pin (C) and insert through deck bracket (A) and draft arm (B). Make sure pin installs completely through deck bracket.

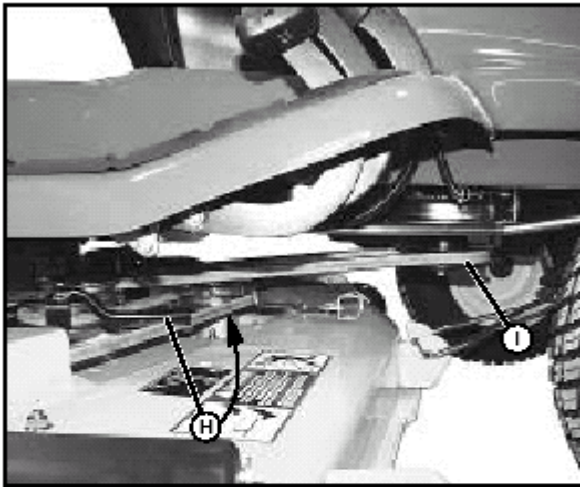


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9. Install front draft rod (D) into mower bracket (E) and then into hole in tractor bracket (F). Make sure nut and rounded bushing are on front side of tractor bracket.
10. Install spring locking pin (G) with loop of pin hanging down.

Push back on tensioning lever (H), put mower drive belt on engine drive sheave (I), and slowly release tensioning lever. Make sure belt is on all sheaves and idlers and is inside all mower belt guides.

IMPORTANT: Avoid damage! The belt will be damaged if installed wrong. Route the belt properly through belt guides. See belt routing label on mower deck.



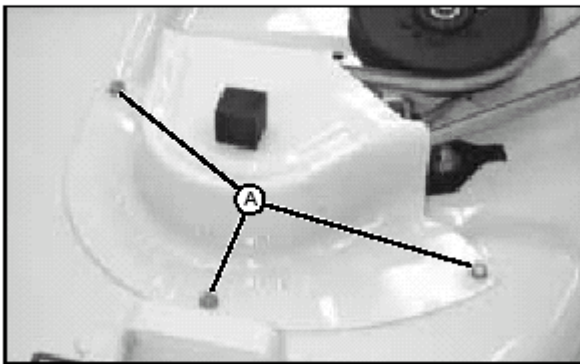
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11. Remove wood blocks from both sides of mower.
12. Level mower.

Replacing Mower Drive Belt (38 Inch, 42 Inch Mower)

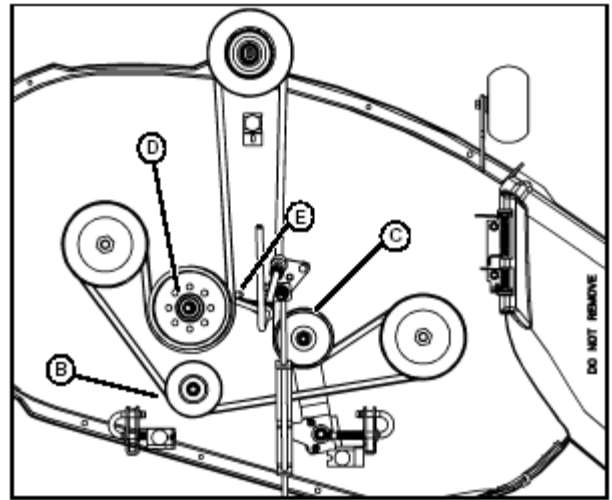
NOTE: In this procedure the mower deck is removed for easier access.

1. Park machine safely. (See Parking Safely in Safety section.)
2. Allow engine and muffler to cool completely.
3. Remove mower if desired.



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4. Remove three cap screws (A) or lock nuts (on 42C) and belt shield.
5. On 42C deck, remove wear plate beneath shield.



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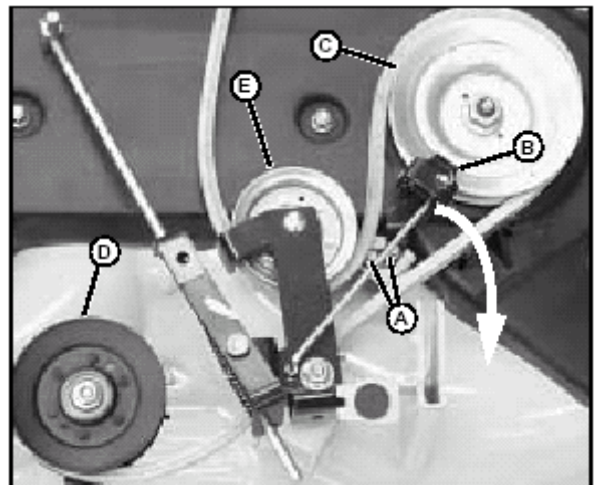
6. Loosen rear idler (B) and tensioning sheave (C). On 42C deck, also loosen fixed idler (D).
7. Remove mower belt.
8. Clean top of mower.
9. Install new belt on mower as shown above.
10. Tighten rear idler and tensioning sheave.
11. On 42C deck, install wear plate and tighten fixed idler.

IMPORTANT: Avoid damage! Make sure locator on belt guide (E) is aligned with hole on fixed idler (D) mounting bracket before tightening.

12. Install belt shield and fasten with three cap screws or lock nuts (on 42C).
13. Install mower deck and adjust mower engagement rod, if necessary.

Replacing Mower Drive Belt (42 Inch Mulching Mower)

1. Park machine safely. (See Parking Safely in Safety section.)
2. Allow engine and muffler to cool completely.
3. Remove mower.

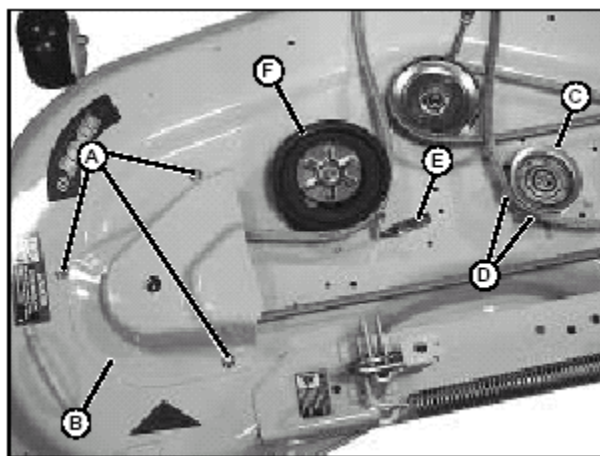


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4. Remove self-tapping cap screws (A).
5. Move brake assembly (B) away from sheave (C) and drive belt.
6. Loosen idler (D) and tensioning idler (E) just enough to slip belt past the guides.
7. Remove drive belt and clean top of mower.
8. Install new belt on mower deck as shown.
9. Tighten idler (D) and tensioning idler (E).
10. Align brake assembly (B) with right spindle sheave (C) and fasten with self-tapping cap screws (A). Brake pad must seat against top of sheave.
11. Install mower and adjust mower engagement rod, if necessary.

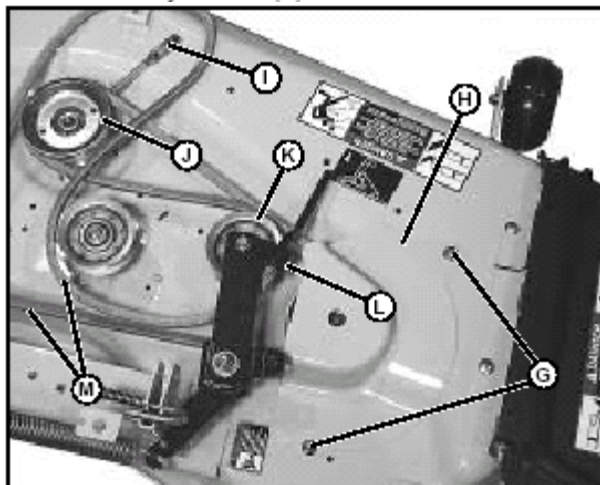
Replacing Mower Drive Belt (48 Inch Mower)

1. Park machine safely. (See Parking Safely in Safety section.)
2. Allow engine and muffler to cool completely.
3. Remove mower if desired.



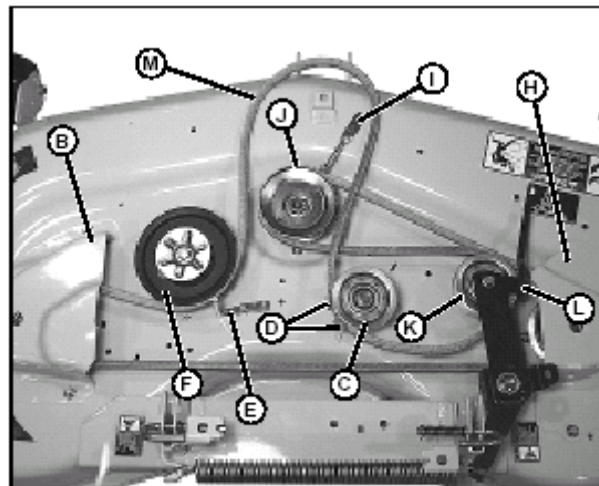
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4. Remove three nuts (A) and left belt cover (B).
5. Loosen nut on stationary idler (C) and remove belt from around belt guides (D).
6. Loosen nut and move belt guide (E) to clear belt from around stationary sheave (F).



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7. Remove two nuts (G) and right belt cover (H).
8. Loosen nut and move belt guide (I) to clear belt from around center spindle sheave (J).
9. Loosen nut on tensioner sheave (K) to clear belt from around belt guide (L).
10. Remove mower belt (M).
11. Clean top of mower.



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12. Install mower deck belt (M). Use diagram above for belt routing.
13. Move belt guide (I) into position and tighten nut for guide for the center spindle sheave (J).
14. Guide belt around tensioning sheave (K) and belt guide (L), and tighten sheave nut.
15. Guide belt around stationary sheave (C) and guides (D) and tighten sheave nut.
16. Install belt around right sheave, and install belt cover (H) and two nuts.
17. Move belt guide (E) into position and tighten nut for guide for the stationary sheave (F).
18. Install belt around left spindle sheave, and install belt cover (B) and three nuts.
19. Install mower deck.