



JOHN DEERE

Product Services Information

INSTALLATION INSTRUCTIONS

(Includes English, French, German, Spanish and Italian)



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HEAVY DUTY BUMPER KIT

Parts In Kit

Qty.	Description
1	Bumper
8	Screw, M10
1	Bolt
1	Bushing
1	Washer

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

Parking Safely

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

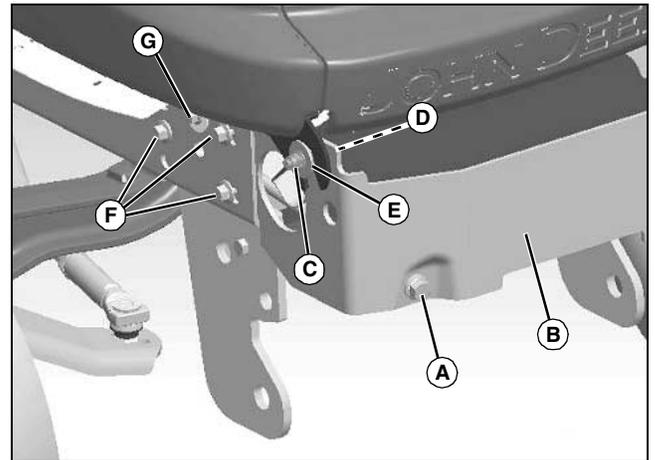
Install Bumper Kit



CAUTION: Avoid injury! Touching hot surfaces can burn skin. The engine, components, and fluids will be hot if the engine has been running. Allow the engine to cool before servicing or working near the engine and components.

Remove Existing Bumper

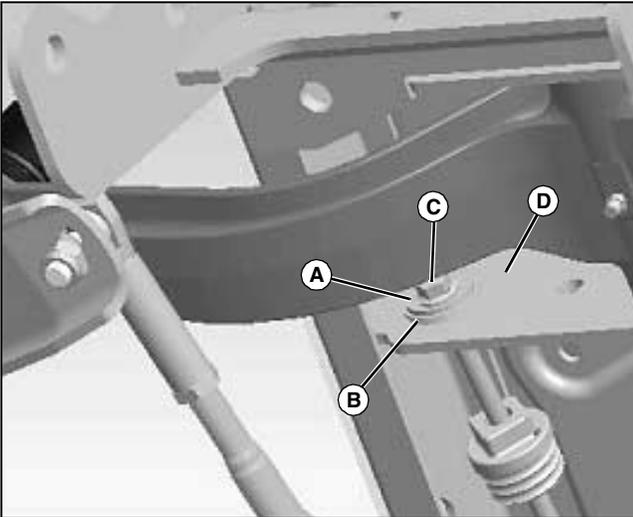
1. Open hood and unplug headlight connector.
2. Remove hood from machine.



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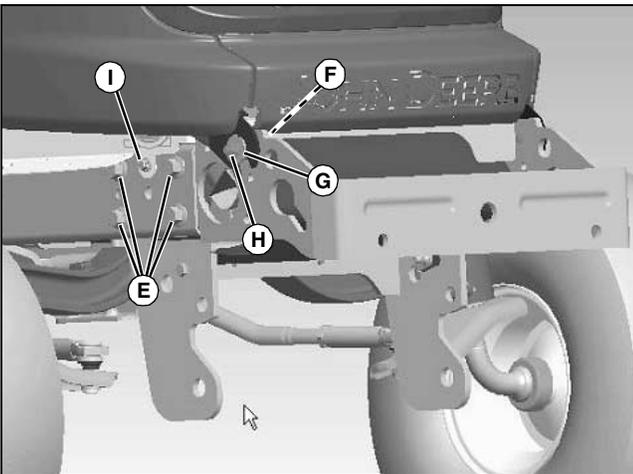
3. For machines equipped with a lift assist spring: Remove bolt (A) from the front bumper (B).
4. Remove the nut (C), carriage bolt (D) and bushing (E) from each side of existing bumper.
5. Remove three screws (F) and one screw (G) on each side of machine and pull bumper forward to remove from machine. (Retain two screws (G) for installation of new bumper.)

Install Heavy Duty Bumper



MX46174

1. For machines equipped with a lift assist spring:
 - a. Place washer (A) and bushing (B) on bolt (C), and install through existing hole in front axle support (D).
2. Install the carriage bolt (F), bushing (G) and nut (H) removed from each side of the original bumper onto the sides of the new bumper.
3. Slide the new bumper into the machine frame rails until the mounting holes align with the holes in the rails.



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4. Secure bumper to frame rails with four M10 screws (E) installed on each side of frame.
5. Install one screw (I) on each side of frame (use screws that were previously removed on each side of frame rail).
6. Tighten eight screws (E) to 31 N•m (23 lb-ft). Tighten two screws (I) to 8 N•m (6 lb-ft).
7. Install the hood and reconnect the headlight harness.