

## Removing the Power-Angle-Tilt (PAT) dozer blade

### ⚠ WARNING

#### Falling object hazard!

Before operating the machine, always make sure the bucket or attachment is securely locked into the coupler. A loader bucket or attachment that is not securely locked into the coupler could come off during loader operation.

Failure to comply could result in death or serious injury.

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The hydraulic bucket coupler and dozer blade quick connect systems allow the operator to remain in the operator seat and easily remove the dozer blade attachment.

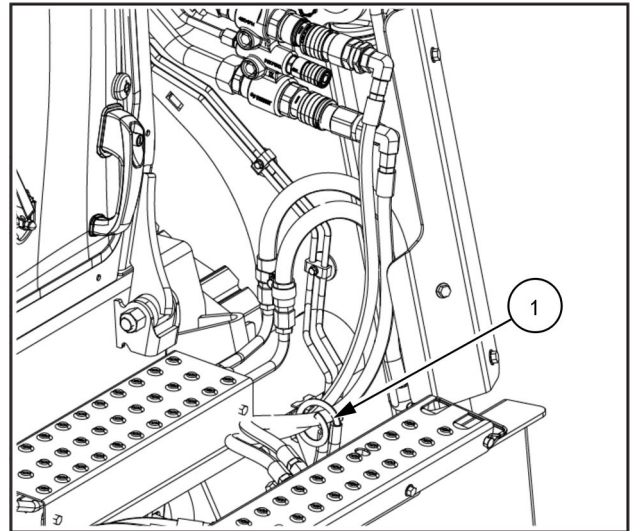
The hydraulic bucket coupler and hydraulic dozer blade quick connect switch must be used in conjunction with the right-hand control lever auxiliary thumbwheel (held to the end of its stroke).

**NOTE:** If you have any questions about installing or removing attachments, contact your dealer.

### Disconnecting the blade hydraulics

**NOTE:** See “Auxiliary hydraulics” 6-11 for details on relieving pressure in the auxiliary coupler manifolds prior to disconnecting hydraulics.

1. Pull the hoses from the retaining rings (1) on the front of the loader cross tube as shown.
2. On the right loader arm manifold, disconnect the hydraulic lines from the right side of the blade receiver to the quick connect couplers.
3. On the left loader arm manifold, disconnect the hydraulic lines from the left side of the blade receiver to the quick connect couplers.



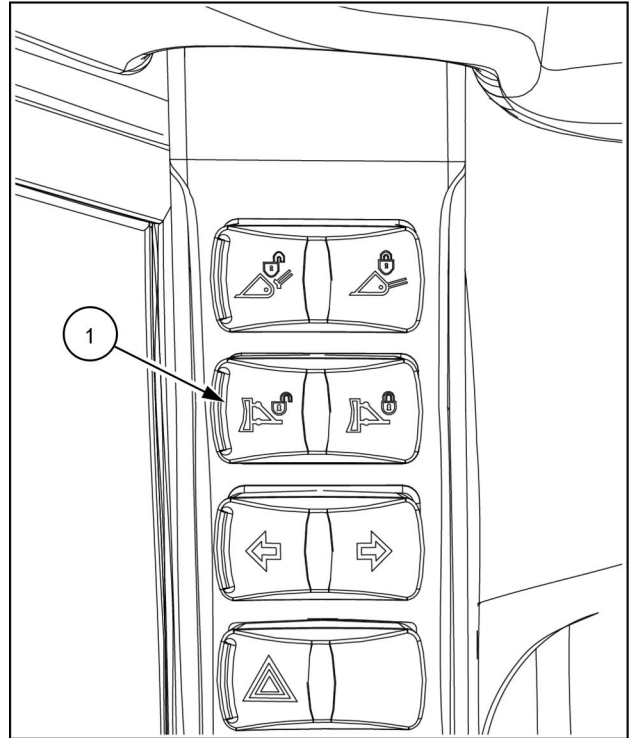
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### Disconnecting the blade from the vehicle chassis

**NOTE:** Before continuing, the vehicle control must be set to DZR. See 3-28 for details on switching between DZR and ISO vehicle control.

1. Visually check that the coupler pins and blade quick connect pins are engaged properly into the receiver and C-frame arms before entering the cab and enabling hydraulics.
2. Lower the blade to ensure it is resting on the ground but do not pick up the front of the vehicle.

3. Once set to DZR and hydraulics are enabled, retract the pins in the front pockets of the chassis by pressing and holding the UNLOCK side of the hydraulic dozer blade quick connect switch (1) while simultaneously holding the auxiliary hydraulics thumbwheel to either end of the control stroke. There is no visual indicator showing when the pins are fully retracted, so simply hold for 3 seconds, release the thumbwheel first, and then the dozer blade quick connect switch.
4. Stop and slowly lower the loader arm. The blade C-frame arms will come out of the front pockets of the chassis.
5. Begin to move in reverse slowly until the machine starts to move away from the blade.

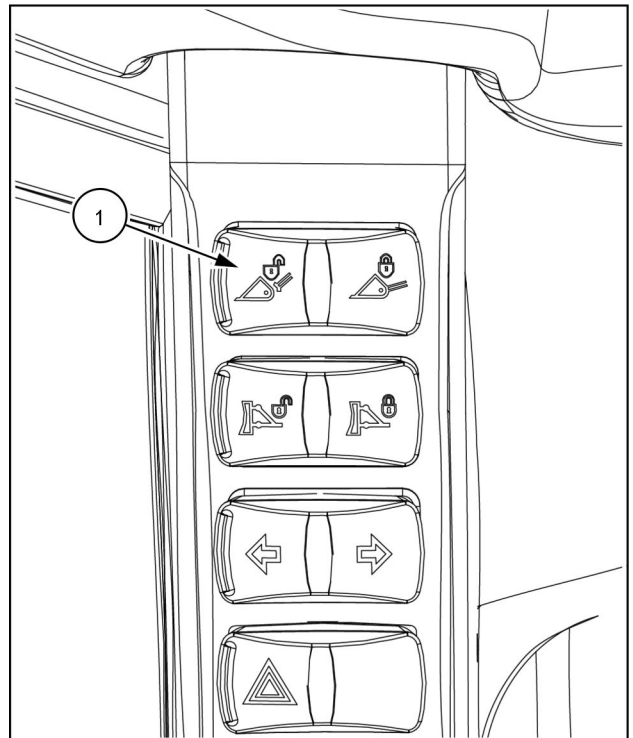


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### Uncoupling from the blade receiver

**NOTE:** First ensure that vehicle control is set to ISO. See 3-28 for details on switching between DZR and ISO vehicle control.

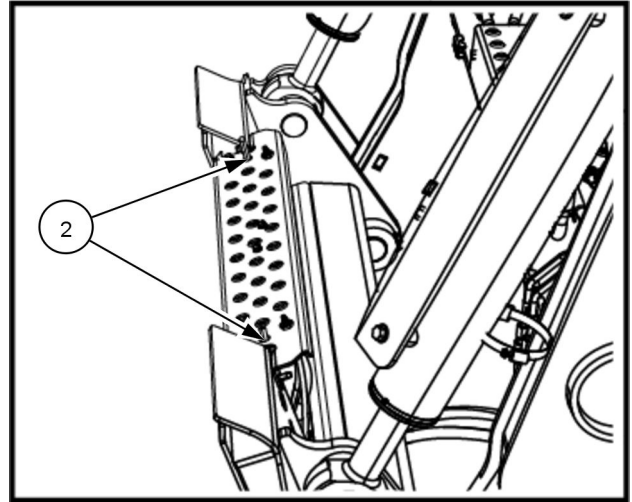
1. Confirm the red markings on the hydraulic bucket coupler indicator pins (2) are visible (unlock position). If the red markings are not visible, press and hold the hydraulic bucket coupler switch (1) in the unlock direction. With the other hand activate and hold the control lever's auxiliary thumbwheel until red markings are visible and fully raised.



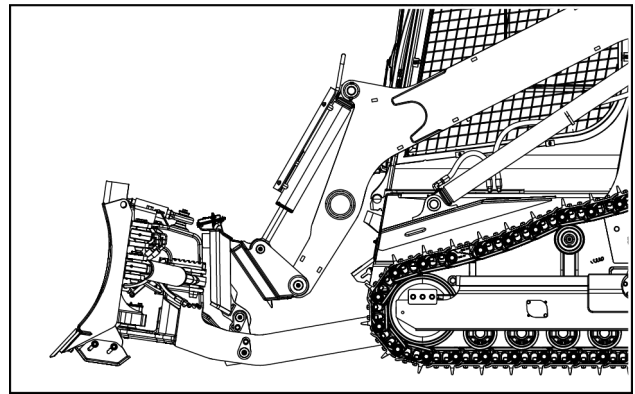
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## 6 - WORKING OPERATIONS

2. Tilt the hydraulic coupler forward.
3. Lower the loader arm enough to disengage the blade receiver.
4. Curl the coupler away from the machine while maneuvering backward forcing the coupler out of the machine. Continue to lower the coupler at the same time to keep the dozer blade from coming up off of the ground but not so much that the coupler comes out of the receiver.
5. Slowly move the machine away from the blade receiver coupler of the dozer blade.



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