

## OPERATOR CAB GAS CYLINDER

### Removal and Installation

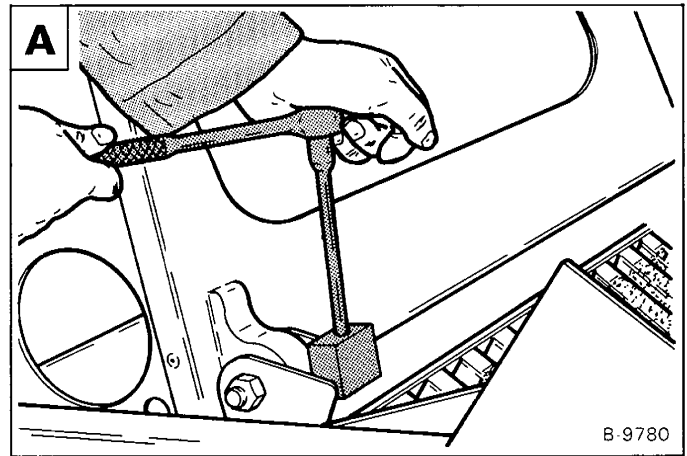


# WARNING

## AVOID INJURY

Gas cylinder holds the rod under high pressure. NEVER OPEN THE GAS CYLINDER.

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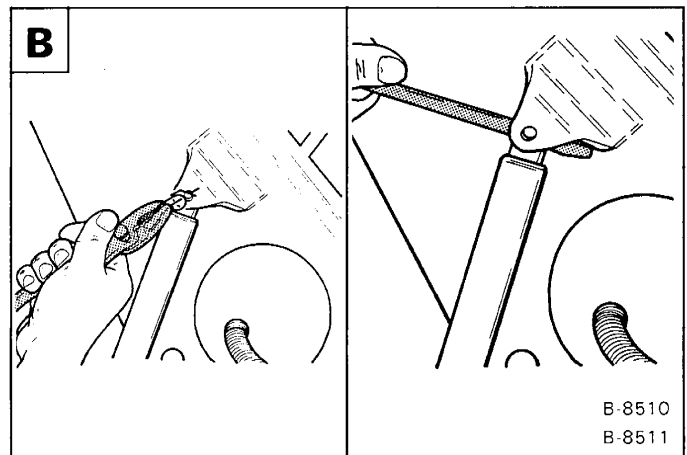


Remove the stop blocks from the rear of the operator cab (both sides) **A**.

Raise the operator cab (Page 1–4).

Remove the retainer clip from the upper gas cylinder pivot pin **B**.

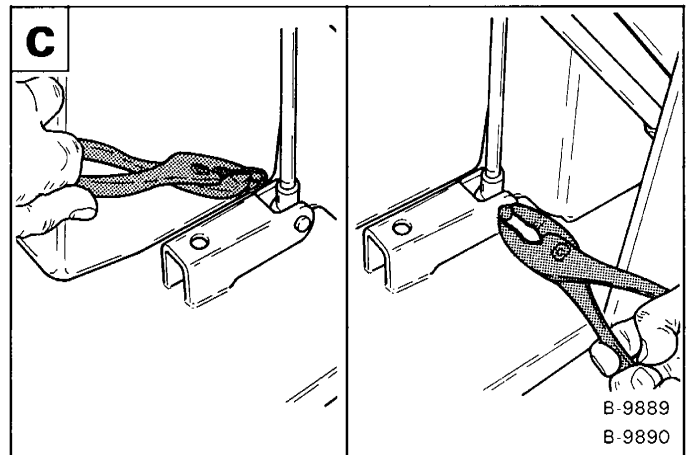
Remove the upper pivot pin **B**.



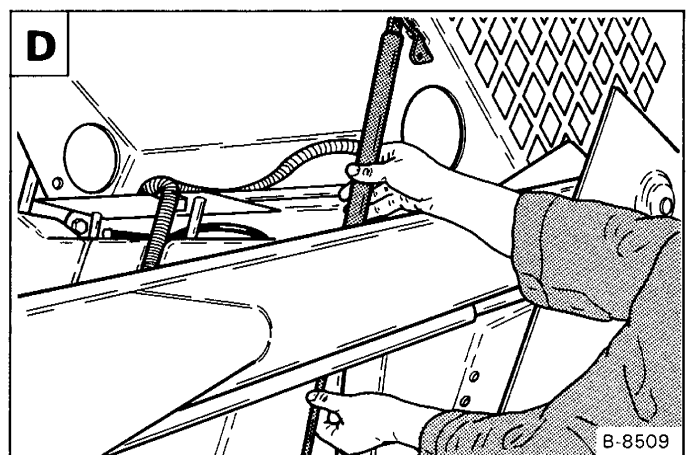
Remove the retainer clip at the lower gas cylinder pivot pin **C**.

Remove the lower pivot pin **C**.

Installation: Install the lower pivot pin first, use a screwdriver to hold the gas cylinder and install the top pivot pin.



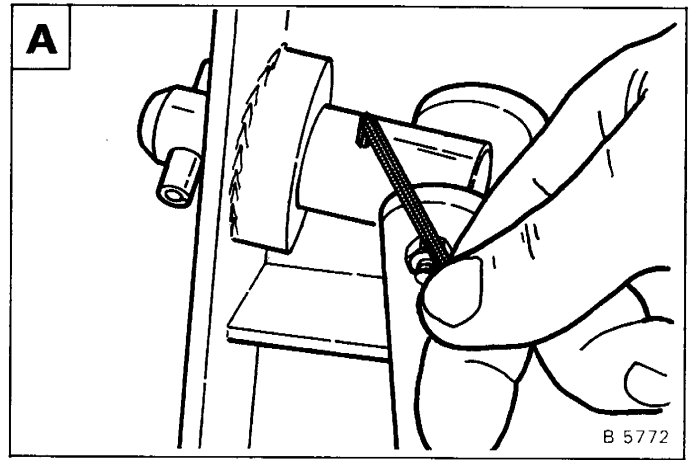
Remove the gas cylinder from the loader **D**.



## REAR DOOR

### Door Latch Adjustment

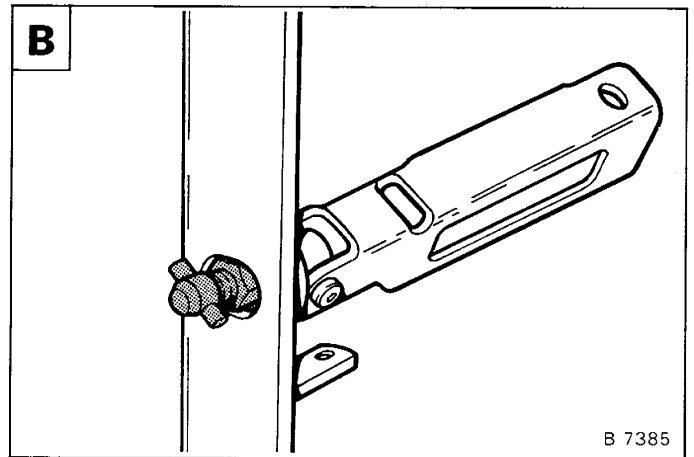
Loosen the set screw **A**.



Loosen the nut (Item 1) **B**.

Turn the bolt (Item 2) in or out **B**, until the door contacts both the top and bottom of the loader frame (Item 1) with the lever in the latched position **C**.

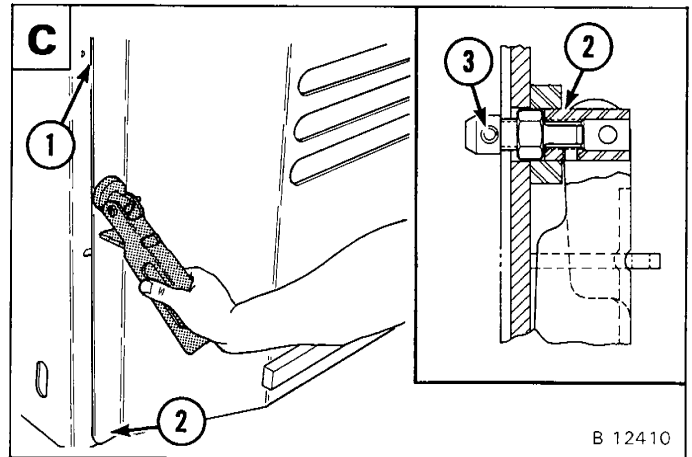
**NOTE:** It takes approximately 50 lbs. (23 kg) of force to push the lever down when the latch is adjusted correctly.



With the set screw up (Item 2), the flanges at the bolt (Item 3) must be to the sides so that the set screw aligns with the flat surface at the end of the bolt **C**.

Tighten the set screw.

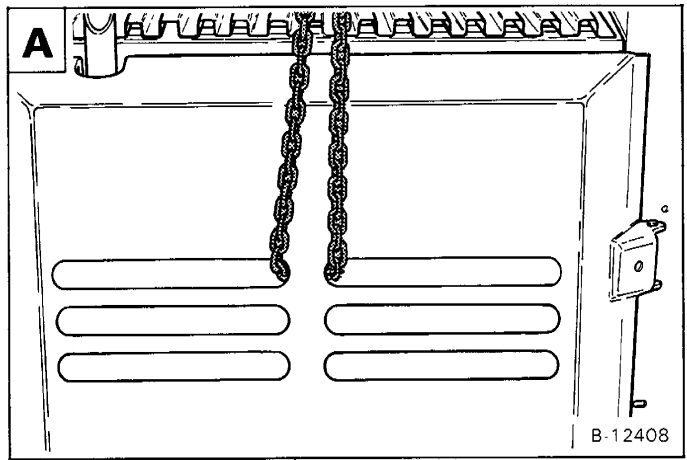
Tighten the nut (Item 1) to 65-70 ft.-lbs. (88-95 Nm) torque **B**.



## REAR DOOR (Cont'd)

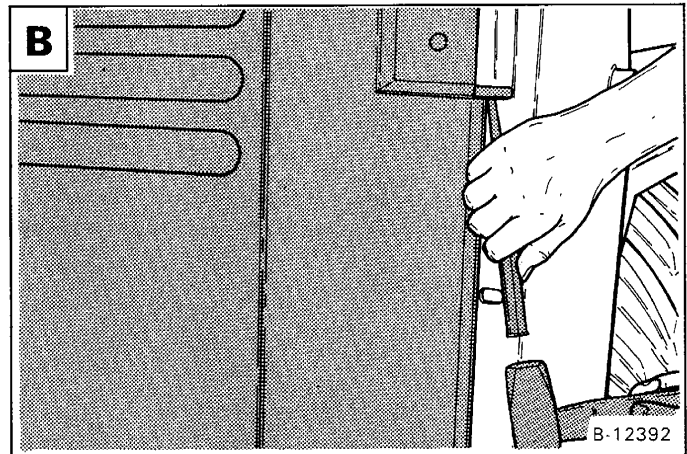
### Removal and Installation

Install a chain hoist on the rear door **A**.



Use a punch and hammer, remove both hinge pins **B**.

Lift the rear door from the loader frame.



## LIFT ARMS

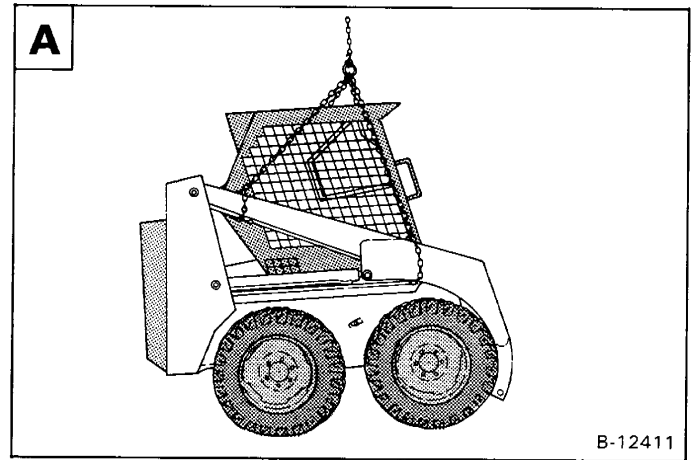
### Removal and Installation

Roll the Bob-Tach frame fully forward.

Stop the engine. Move the hydraulic controls to release the hydraulic pressure.

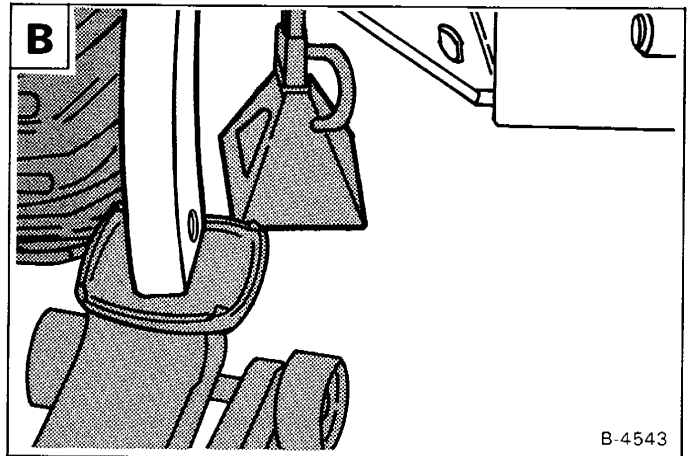
Remove the Bob-Tach from the lift arms (Page 5–9).

Fasten chains and chain hoist to the lift arms **A**.



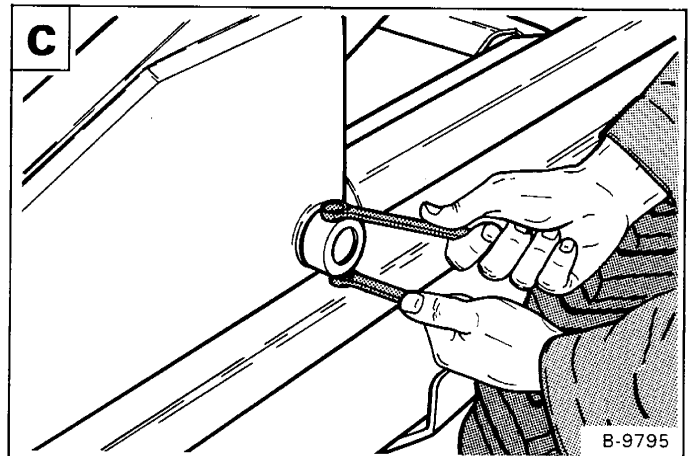
Put a floor jack under the lift arms **B**.

Raise the lift arms, with the floor jack, until the pivot pin can be removed from the rod end of the lift cylinders.



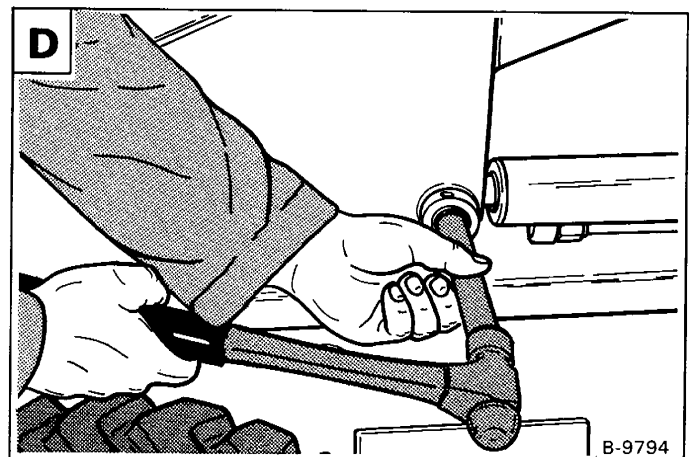
Remove the retainer bolt and lock nut **C**.

Installation: Tighten the bolt and nut to 18-20 ft.-lbs. (24-27 Nm) torque.



Remove the pivot pin from the lift cylinder rod end (both sides) **D**.

Lower the lift arms. Remove the floor jack.

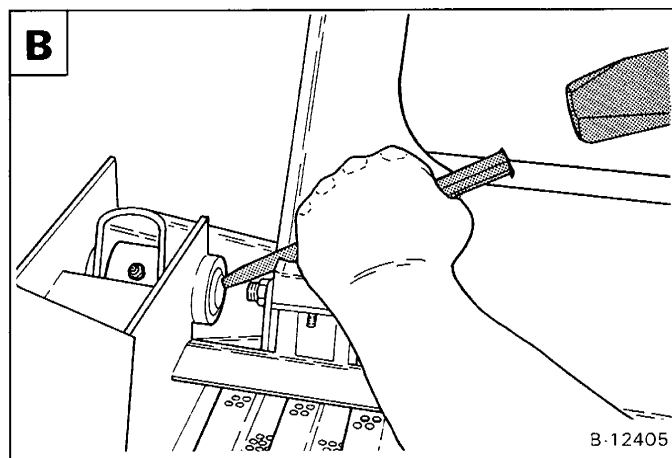
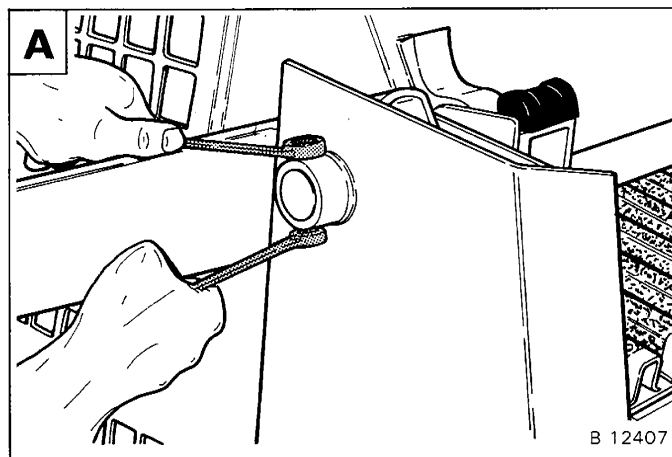


## LIFT ARMS (Cont'd)

Remove the retainer bolt and lock nut from the lift arm pivot pin (both sides) **A**.

Installation: Tighten the retainer bolt and nut to 18-20 ft.-lbs. (24-27 Nm) torque.

Tighten the chain hoist.



## WARNING

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- When fluids are under pressure.
- Flying debris or loose material is present.
- Engine is running.
- Tools are being used.

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Use a punch and hammer, remove the pivot pin from the lift arms (both sides) **B**.

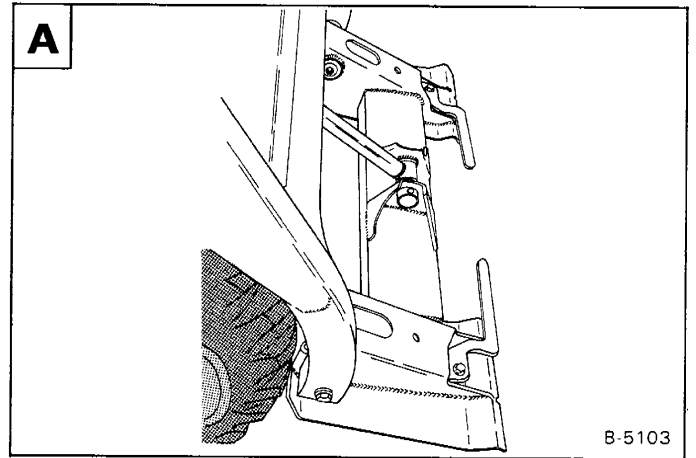
Raise the lift arms with the chain hoist and remove them from the loader frame.

## BOB-TACH

### Removal and Installation

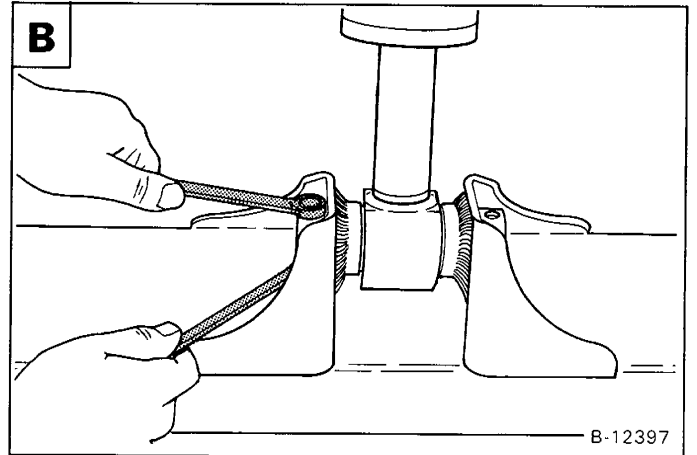
Tilt the Bob-Tach fully forward until the front edge is on the floor **A**.

Stop the engine. Move the hydraulic controls to release the hydraulic pressure.

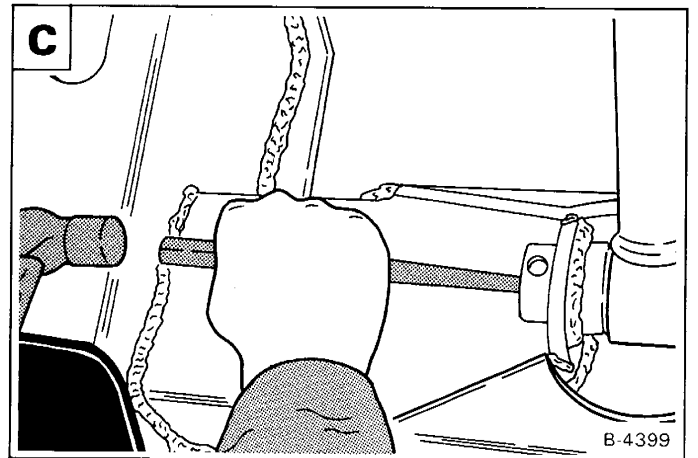


Remove the retainer bolt and lock nut from the tilt cylinder rod end **B**.

Installation: Tighten the retainer bolt and nut to 18-20 ft.-lbs. (24-27 Nm) torque.

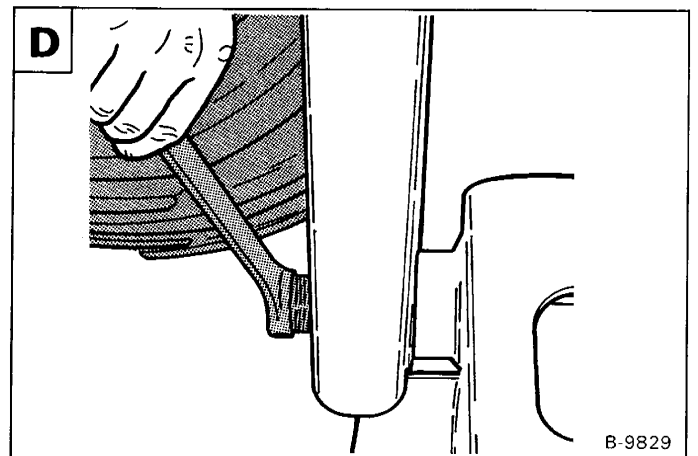


Remove the pivot pin from the tilt cylinder rod end **C**.



Loosen the bolt at the Bob-Tach pivot pin (both sides) **D**.

Installation: Tighten the bolt to 125-140 ft.-lbs. (170-190 Nm) torque.

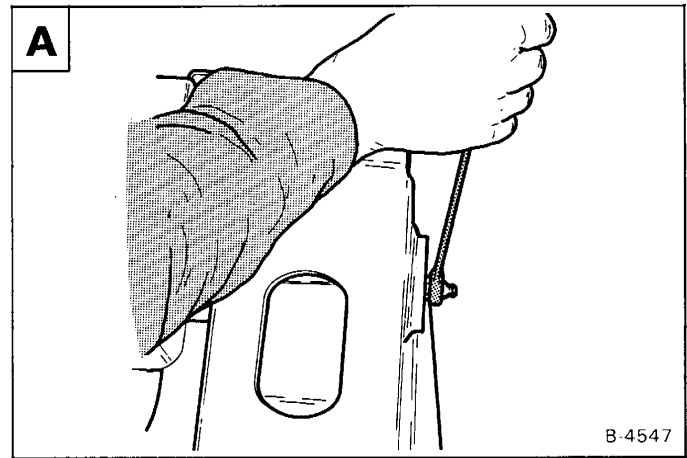


## BOB-TACH (Cont'd)

Remove the grease fitting from the Bob-Tach pivot pin (both sides) **A**.

**NOTE:** The grease fitting at the pivot pin must be removed, because the grease can cause a lock and the pivot pin can not be pushed into the Bob-Tach frame.

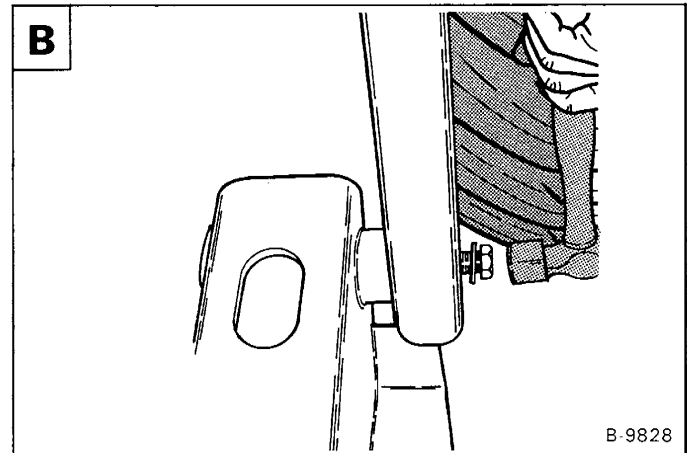
Put a rag over the grease fitting hole.



Hit the bolt to start the pivot pin into the Bob-Tach frame (both sides) **B**.

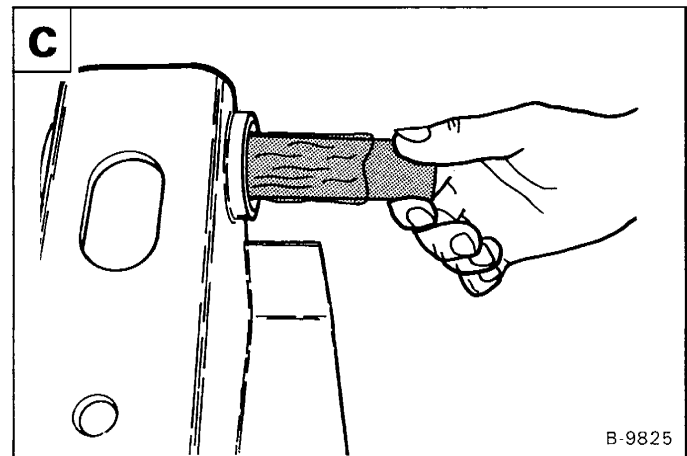
Remove the bolt and use a punch to push the pivot pin into the frame.

Installation: Use a small diameter punch through the grease fitting hole to push the Bob-Tach pivot pin into the lift arms.



Remove the Bob-Tach from the lift arms. Remove the Bob-Tach pivot pins **C**.

Check for wear and damage. Replace the pivot pins as needed.



## Tilt Cylinder Rod End Seal

After the Bob-Tach is installed on the lift arms, use the following procedure to install the rod end seals.

Lift the Bob-Tach with a floor jack **D**.

