

#### 10-4. Preparing the DEUCE

Prepare the DEUCE as described below.

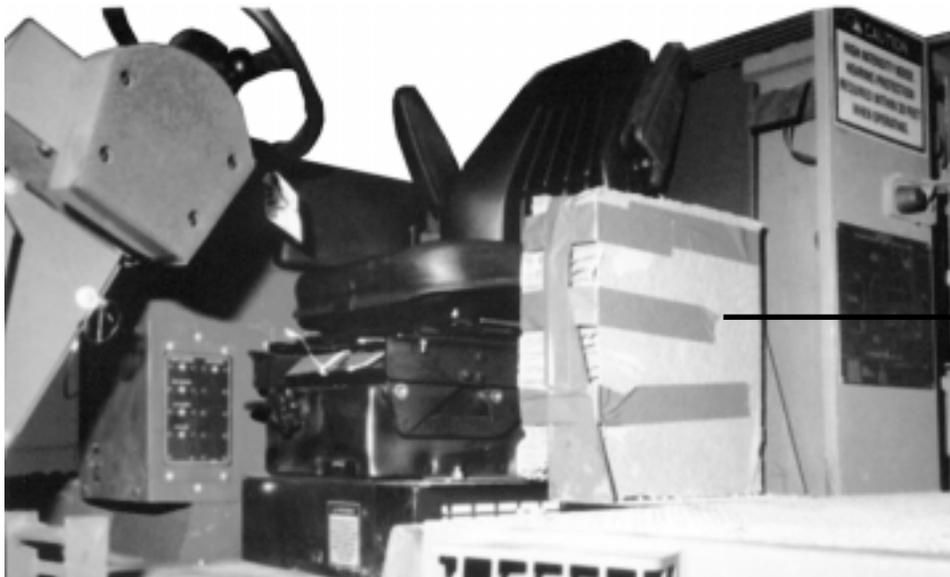
**a. Check the fuel level.** Ensure the fuel tank is not more than 3/4 full.

**b. Prepare the DEUCE.**

(1) Remove the cab.

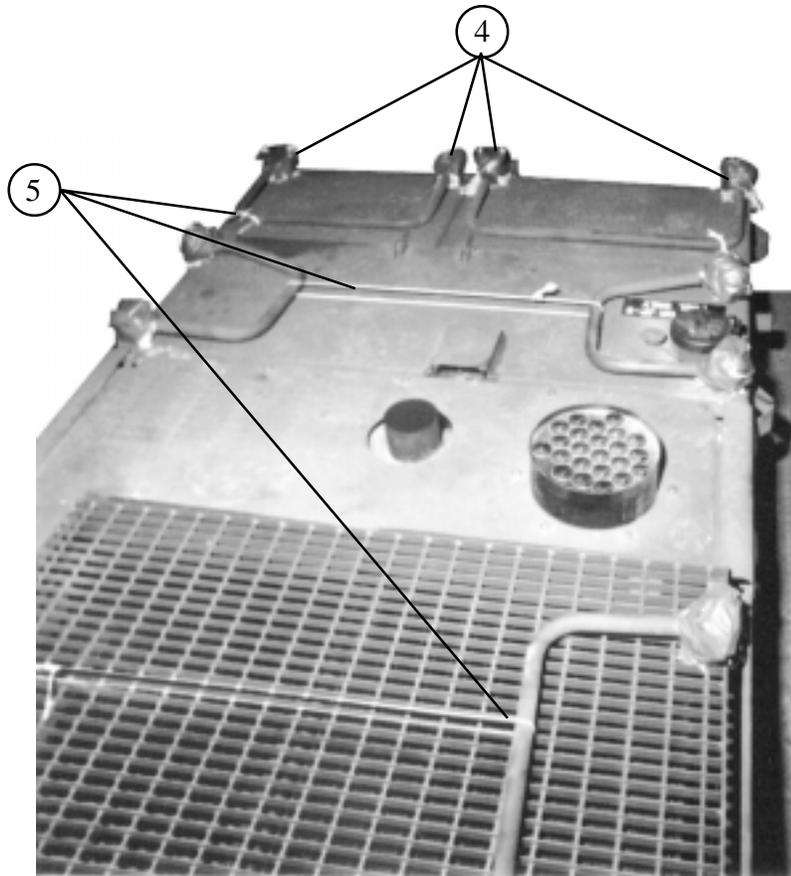
(2) Prepare the DEUCE as shown in Figure 10-8.

**Note: The owning unit must provide maintenance personnel/operators to remove components at the rigging site.**



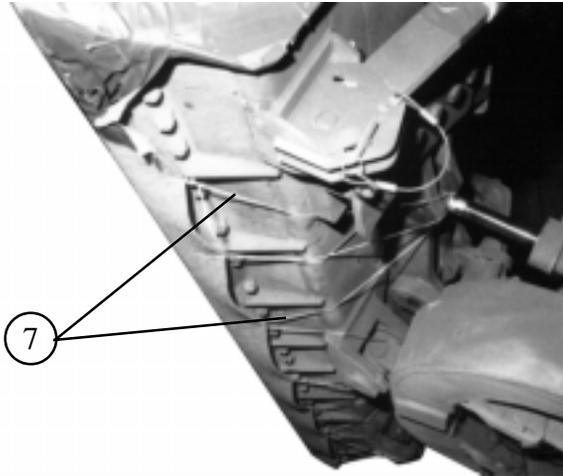
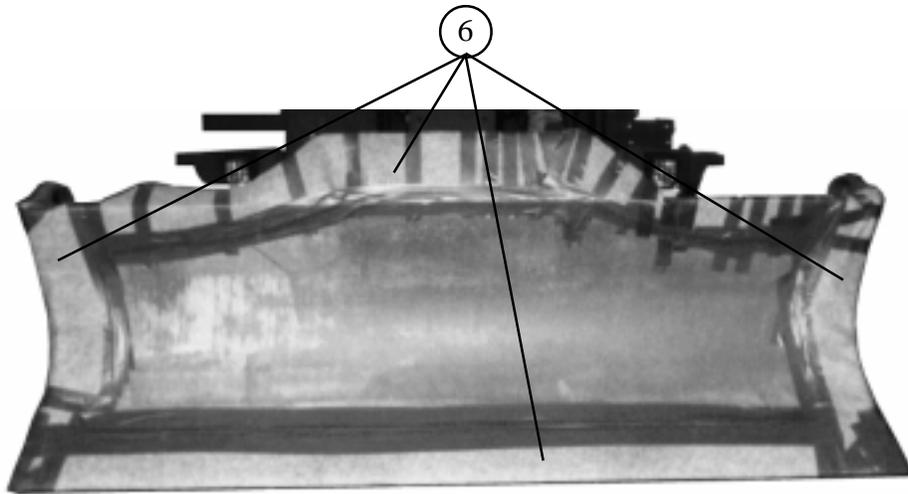
- ① Tape all lights and reflectors (not shown).
- ② Remove the exhaust stack and place behind the seat. Leave all clamps with the stack. Secure the exhaust stack with type III nylon cord.
- ③ Cut two 14" x 16" pieces of honeycomb . Place one piece on each side of the radio mount and secure the honeycomb with tape.

*Figure 10-8. DEUCE prepared*



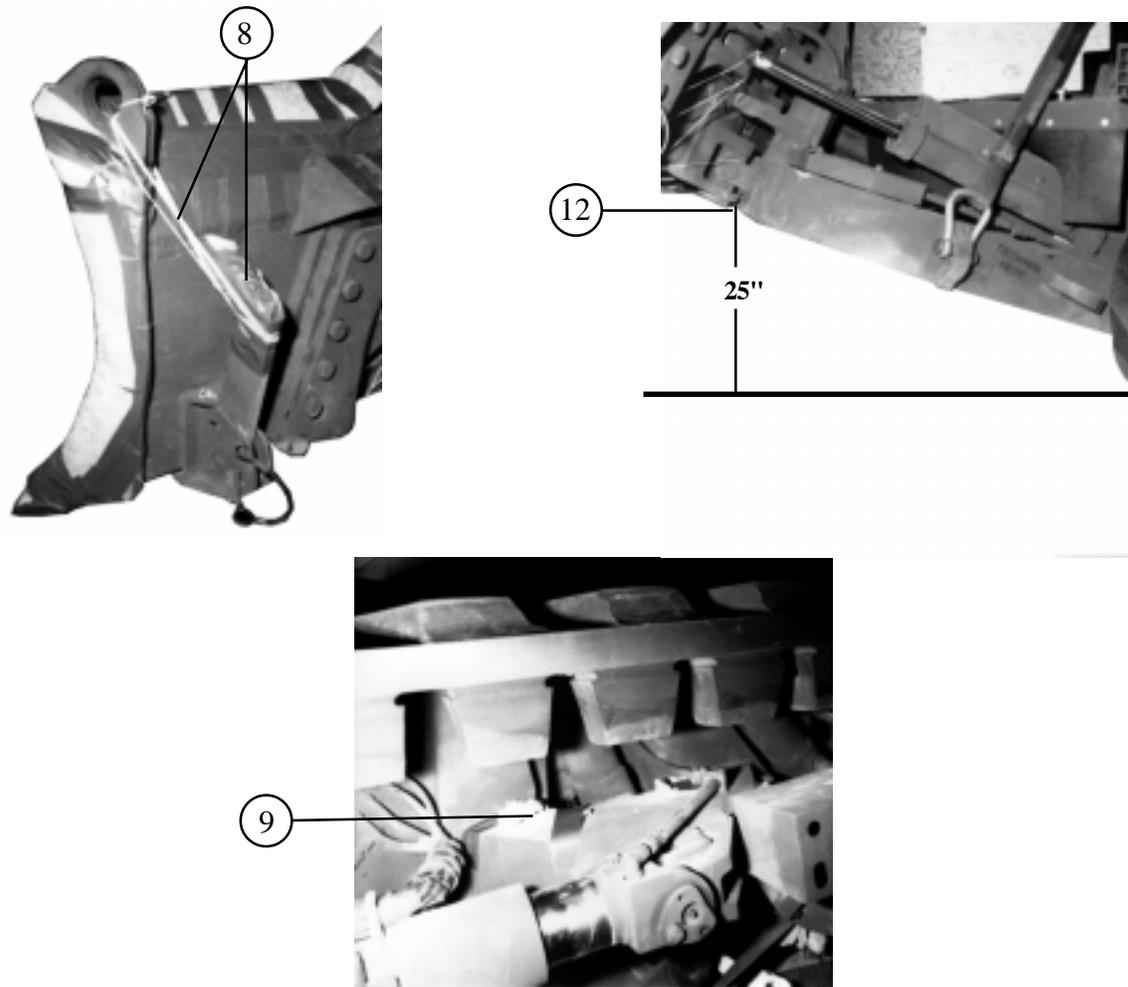
- ④ Pad all brackets on the engine compartment with cellulose padding. Secure the padding with tape.
- ⑤ Safety tie the grab rails together or to the body with type III nylon cord.

*Figure 10-8. DEUCE prepared (continued)*



- ⑥ Pad the blade edges with 1/2 inch thick felt . Secure the felt padding with tape.
- ⑦ Make holes in the bottom piece of felt and secure to points on the frame with type III nylon cord.

*Figure 10-8. DEUCE prepared (continued)*

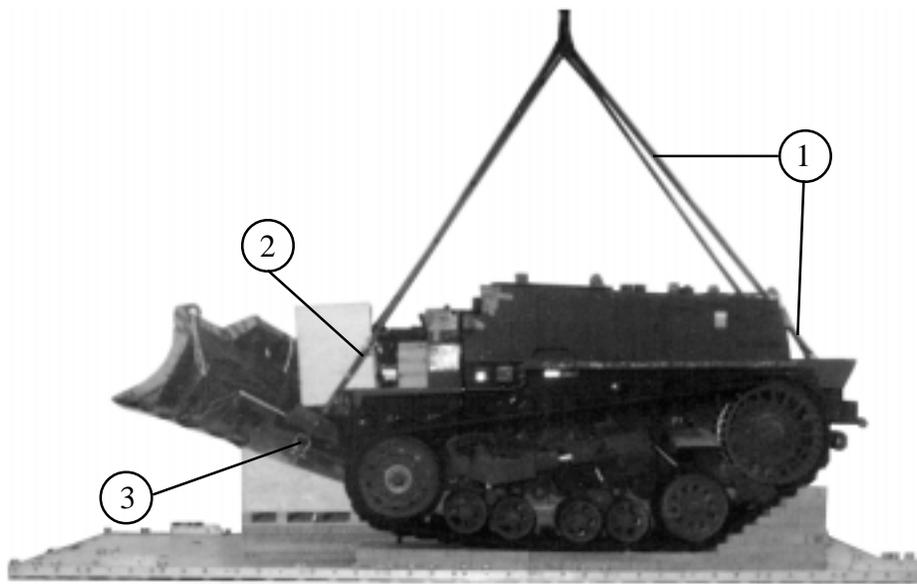


- ⑧ Pin the blade back rippers in the upright position. Pad the blade back rippers with 1/2 inch thick felt and secure with tape. Safety tie the rippers with type III nylon cord.
- ⑨ Pad all rough or sharp lashing point edges with cellulose padding and secure with tape.
- ⑩ Tie the winch hook to the pintle with type III nylon cord (not shown).
- ⑪ Raise the blade to its limit. Level, and angle the blade all the way to the right (not shown).
- ⑫ Kneel the DEUCE until the front bottom center of the C-frame is 25 inches above the ground.

Figure 10-8. DEUCE prepared (continued)

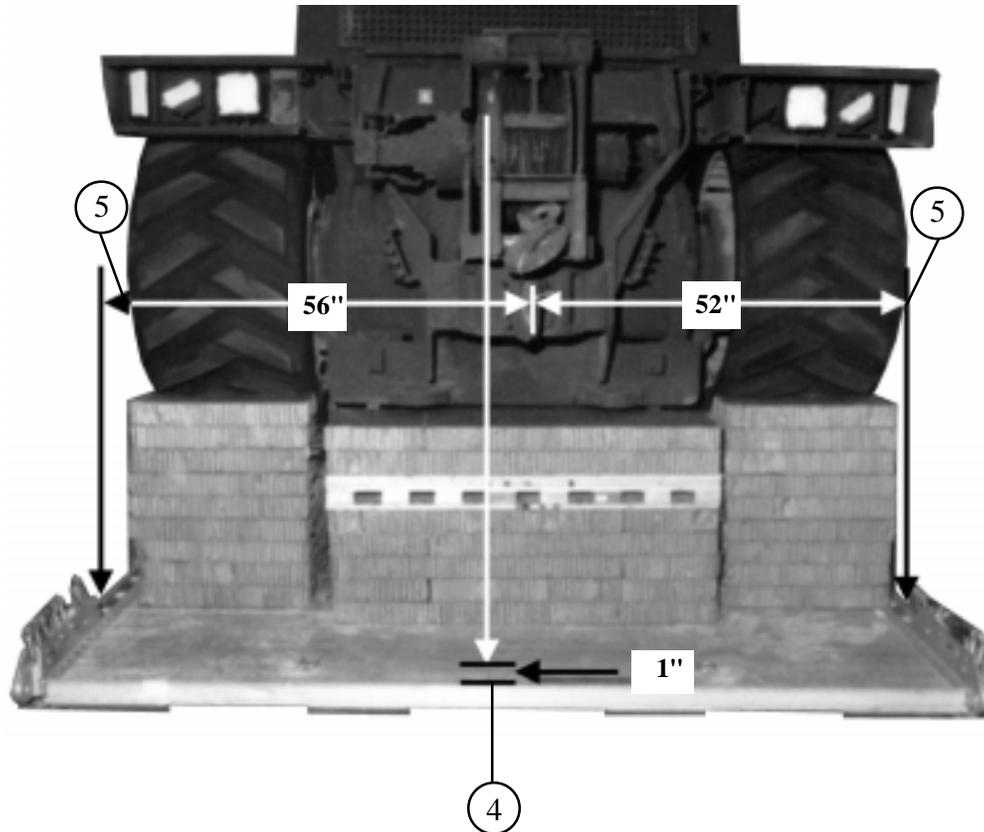
## 10-5. Lifting and Positioning the DEUCE

Lift and position the DEUCE as shown in Figure 10-9.



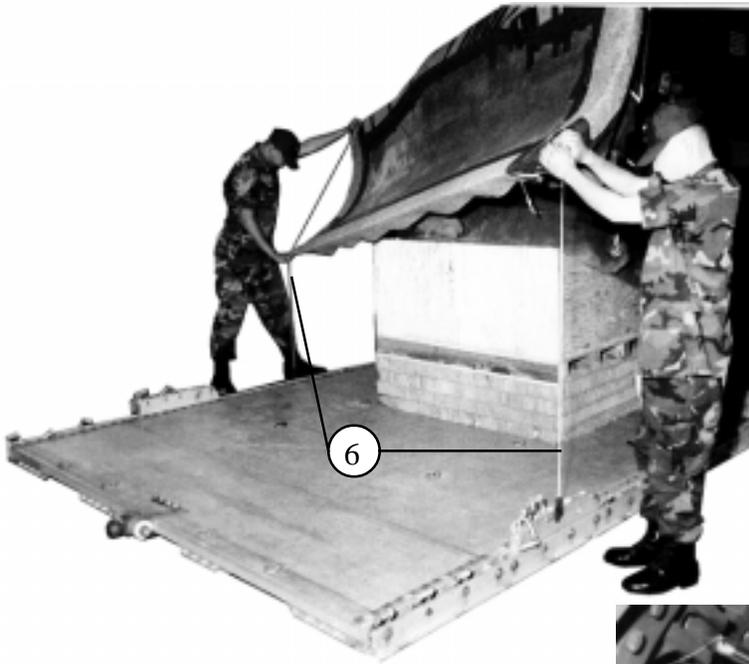
- ① Attach a 12-foot (4-loop), type XXVI nylon sling to each lift point on the rear of the vehicle with a screw pin clevis.
- ② Form the front lift slings by connecting a 3-foot (4-loop), type XXVI nylon sling to an 11-foot (4-loop), type XXVI nylon sling with a 5 1/2-inch link .
- ③ Attach the front lift slings to the front lift points with large clevises.

*Figure 10-9. DEUCE lifted and positioned on platform*

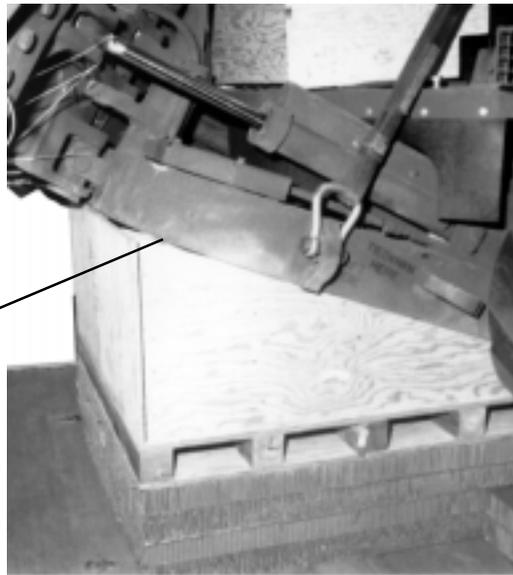


- ④ Position the rear edge of the winch roller 1-inch back from the front edge of the platform.
- ⑤ Align the center of the pintle 52-inches from the outside edge of the left side rail and 56-inches from the outside edge of the right side rail.

*Figure 10-9. DEUCE lifted and positioned on platform (continued)*



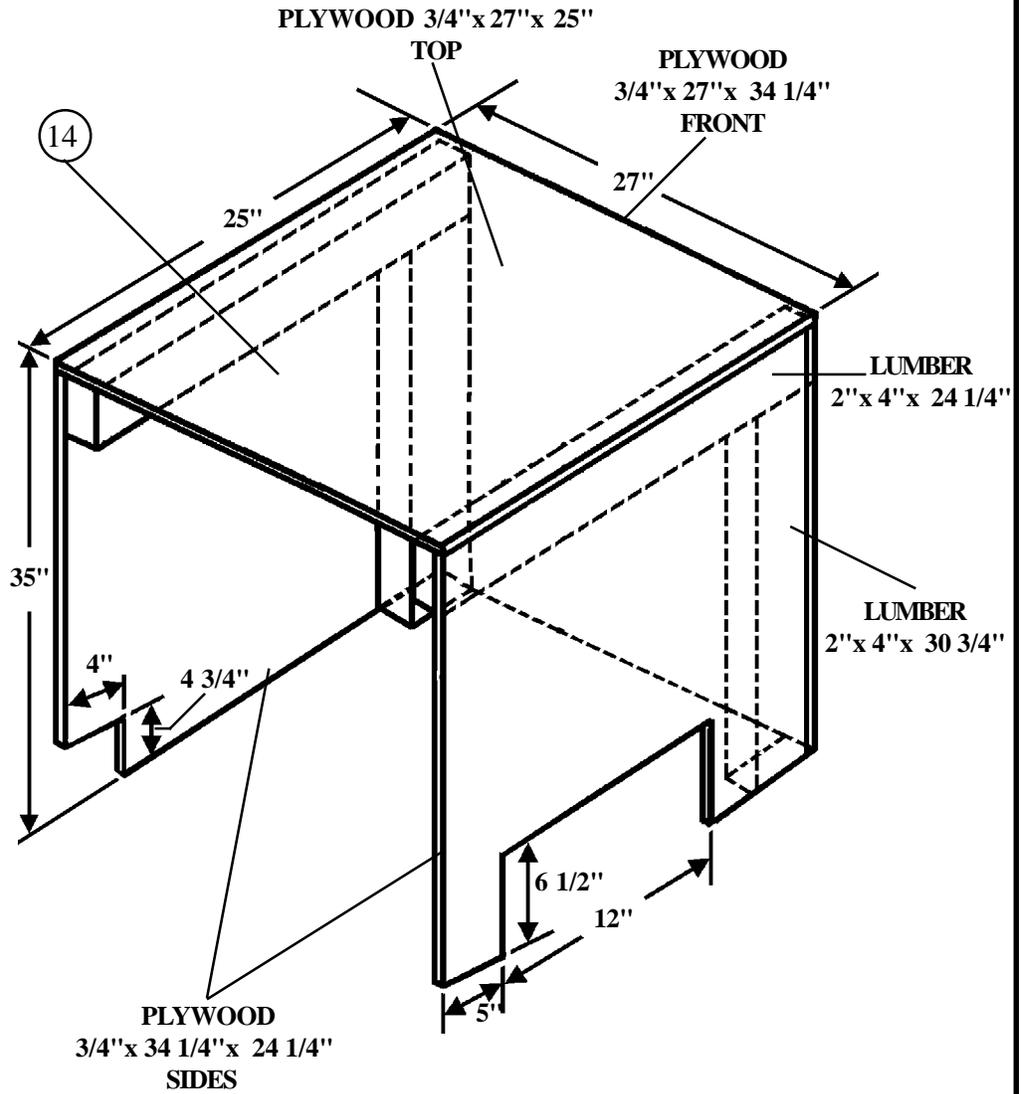
**CAUTION**  
The blade overhang on each side must not exceed 1 inch beyond the platform.



- ⑥ Position two plumb bobs, one on each outside bottom point of the blade. Ensure the outside points do not extend more than 1-inch beyond the outside edge of the side rails.
- ⑦ Ensure the blade C-frame sits squarely on honeycomb stack 3.

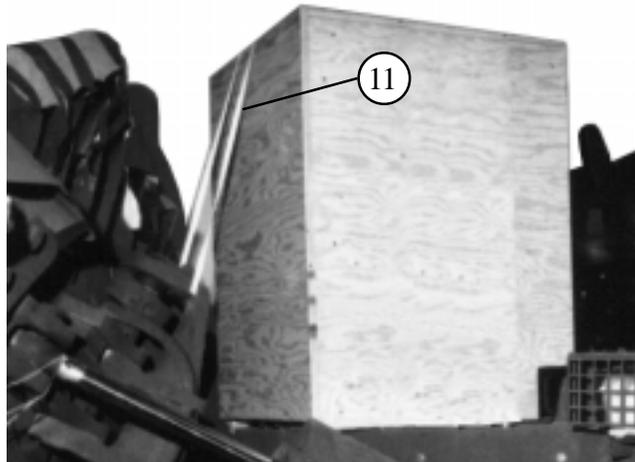
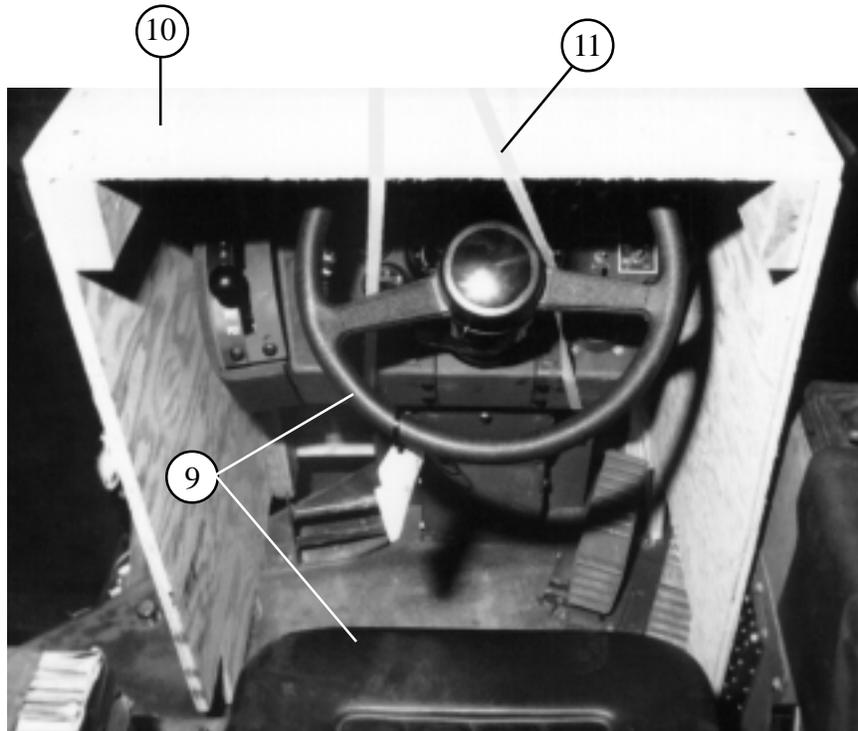
*Figure 10-9. DEUCE lifted and positioned on platform (continued)*

**NOTE: This drawing is not drawn to scale.**



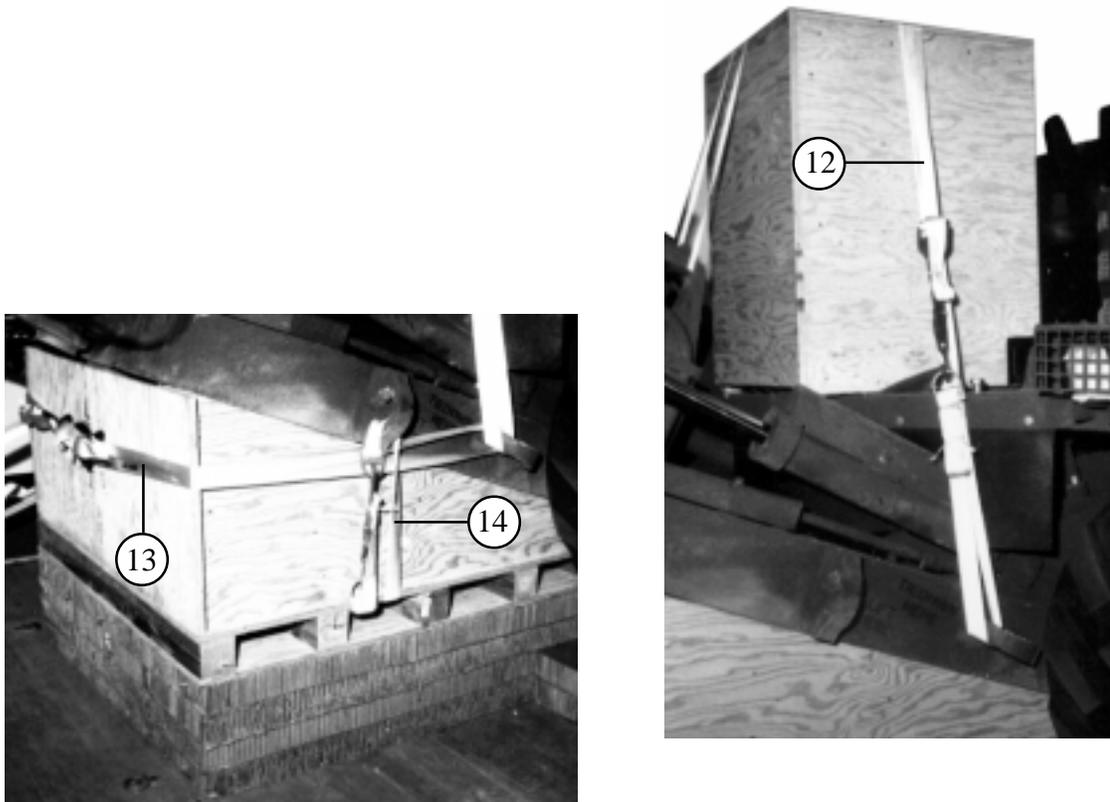
- 8 Construct and nail a box according to the diagram shown above.

Figure 10-9. DEUCE lifted and positioned on platform (continued)



- ⑨ Tilt and lock the steering wheel and compress the seat in the down position.
- ⑩ Place the box over the steering wheel and column.
- ⑪ Secure the box with 1/2-inch tubular nylon routed around the steering wheel column, over the box, and tied to the blade pivot point.

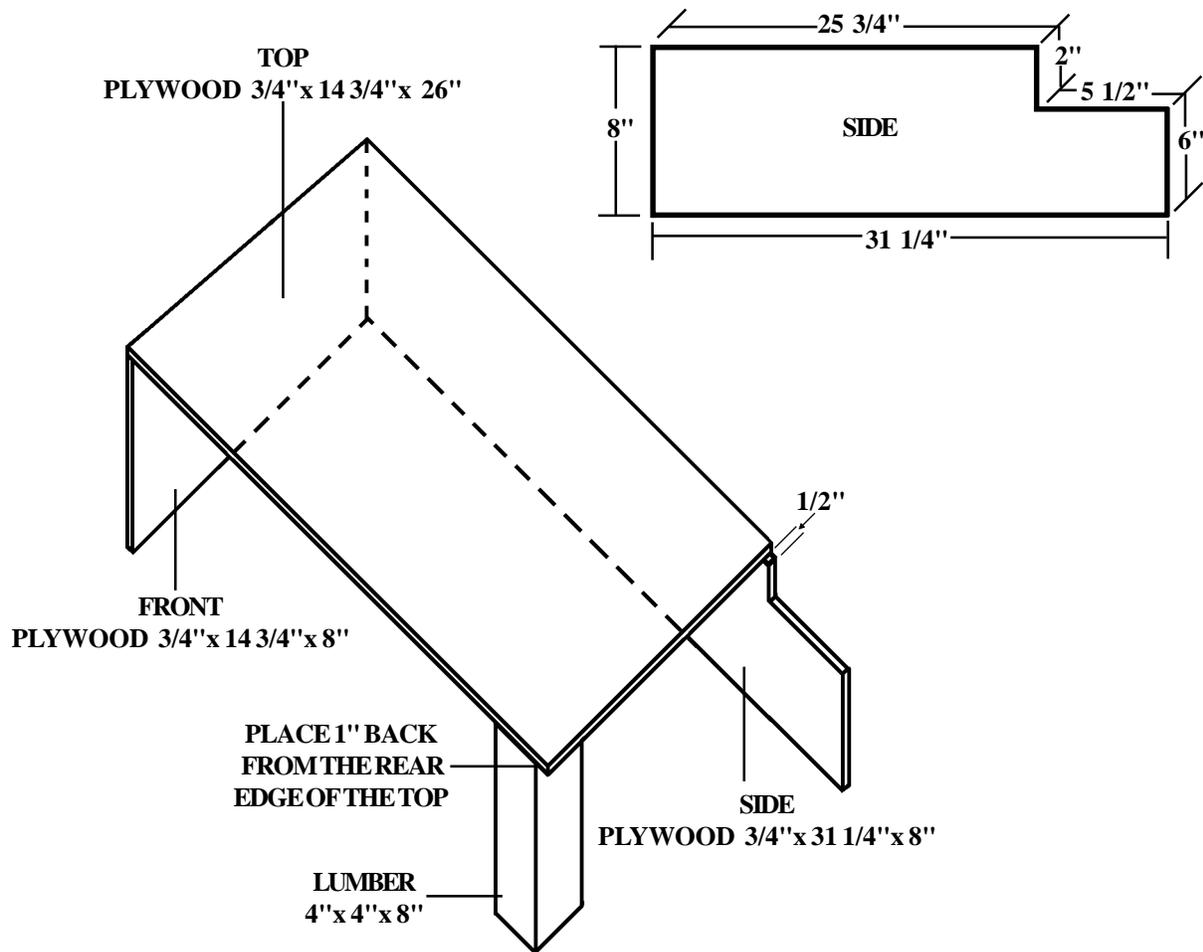
*Figure 10-9. DEUCE lifted and positioned on platform (continued)*



- ⑫ Route a 30-foot lashing through the right C-frame tiedown, over the steering column box, down through the left C-frame tiedown, and back over the steering column box. Close the load binder on the right side of the steering column box.
- ⑬ Route a 30-foot lashing through the right C-frame tiedown point, around the rear of stack 3, through the left C-frame tiedown point, and back around the rear of stack 3. Close the load binder on the rear of stack 3.
- ⑭ Route a lashing through the right C-frame lift point, through the third hole from the front of honeycomb stack 3, through the left C-frame lift point, and back through the third hole of honeycomb stack 3. Close the load binder on the right side of stack 3.

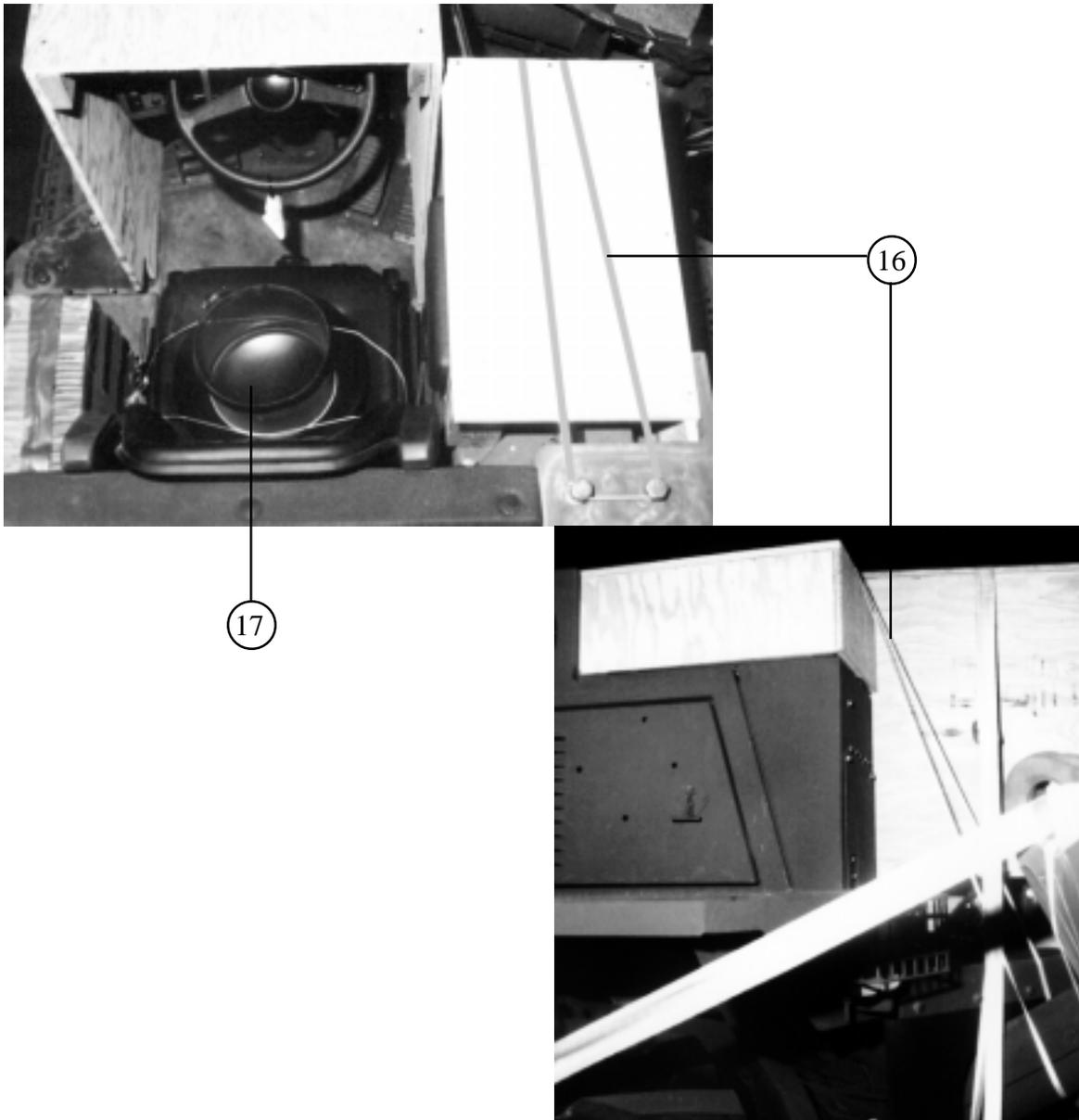
*Figure 10-9. DEUCE lifted and positioned on platform (continued)*

**NOTE: This drawing is not drawn to scale.**



- 15 Construct and nail the blade control lever box as shown above.

Figure 10-9. DEUCE lifted and positioned on platform (continued)



- ①⑥ Place the blade control lever box over the blade control lever and secure it with 1/2-inch tubular nylon webbing to convenient points on the load.
- ①⑦ Remove the air intake stack and secure it on the seat with type III nylon cord.

*Figure 10-9. DEUCE lifted and positioned on platform (continued)*