

## CHAPTER 3

# RIGGING M1093, 5-TON 6x6 STANDARD CARGO TRUCK ON A 28-FOOT TYPE V PLATFORM FOR LOW-VELOCITY AIRDROP

### RIGGING M1093, 5-TON CARGO TRUCK WITH BASIC LOAD

#### 3-1. Description of Load

The M1093, 5-ton cargo truck (*Figure 3-1*) is rigged on a 28-foot, type V airdrop platform with six G-11 cargo parachutes and other items of airdrop equipment.

The load consists of the M1093, 5-ton cargo truck and basic load. This load is 100 inches in height, 108 inches in width, 354 inches in length and has a rigged weight of 27,318 pounds.

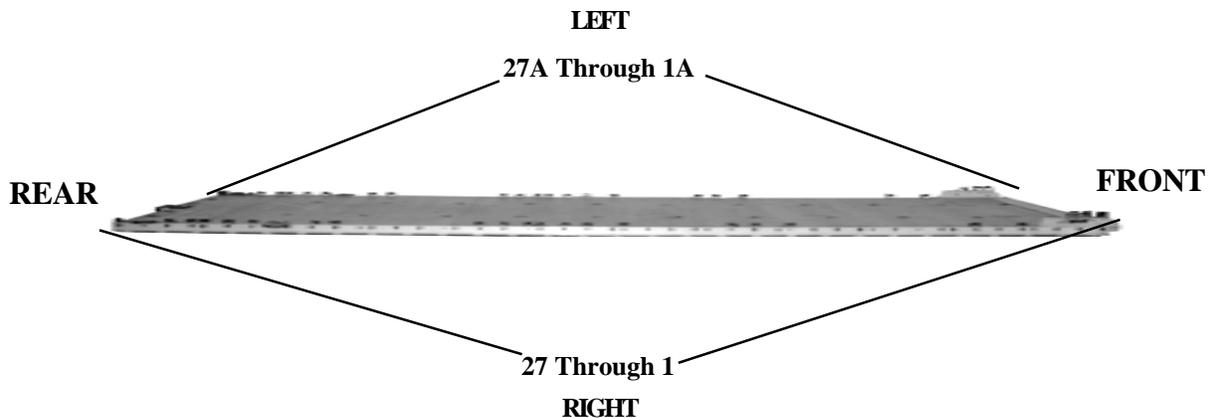


*Figure 3-1. M1093, 5-ton 6x6 standard cargo truck*

### 3-2. Preparing Platform

Prepare a 28-foot, type V platform as described below and as shown in *Figure 3-2*.

- NOTES:**
1. The nose bumper may or may not be installed.
  2. Measurements given in this section are from the front edge of the platform NOT from the front edge of the nose bumper.



**Step:**

1. Inspect, or assemble and inspect, a 28-foot, type V airdrop platform as outlined in TM 10-1670-268-20&P/ TO 13C7-52-22.
2. Install a tandem link on the front of each platform side rail using holes 1, 2, and 3.
3. Attach clevises to each tandem link using bushings 1, 2, and 3 (tripled).
4. Starting at the front of each platform side rail, install clevises using bushings bolted to holes 7, 10, 12, 13, 21, 22, 23, 24, 25, 26, 27, 29, 30, 31, 42, 43, 45, 46, 47, 48, 49, 52 and 56.
5. Starting at the front of the platform, number the clevises bolted to the right rail 1 through 27 and the left rail 1A through 27A.

*Figure 3-2. Platform Prepared*

**3-3. Preparing Honeycomb Stacks**

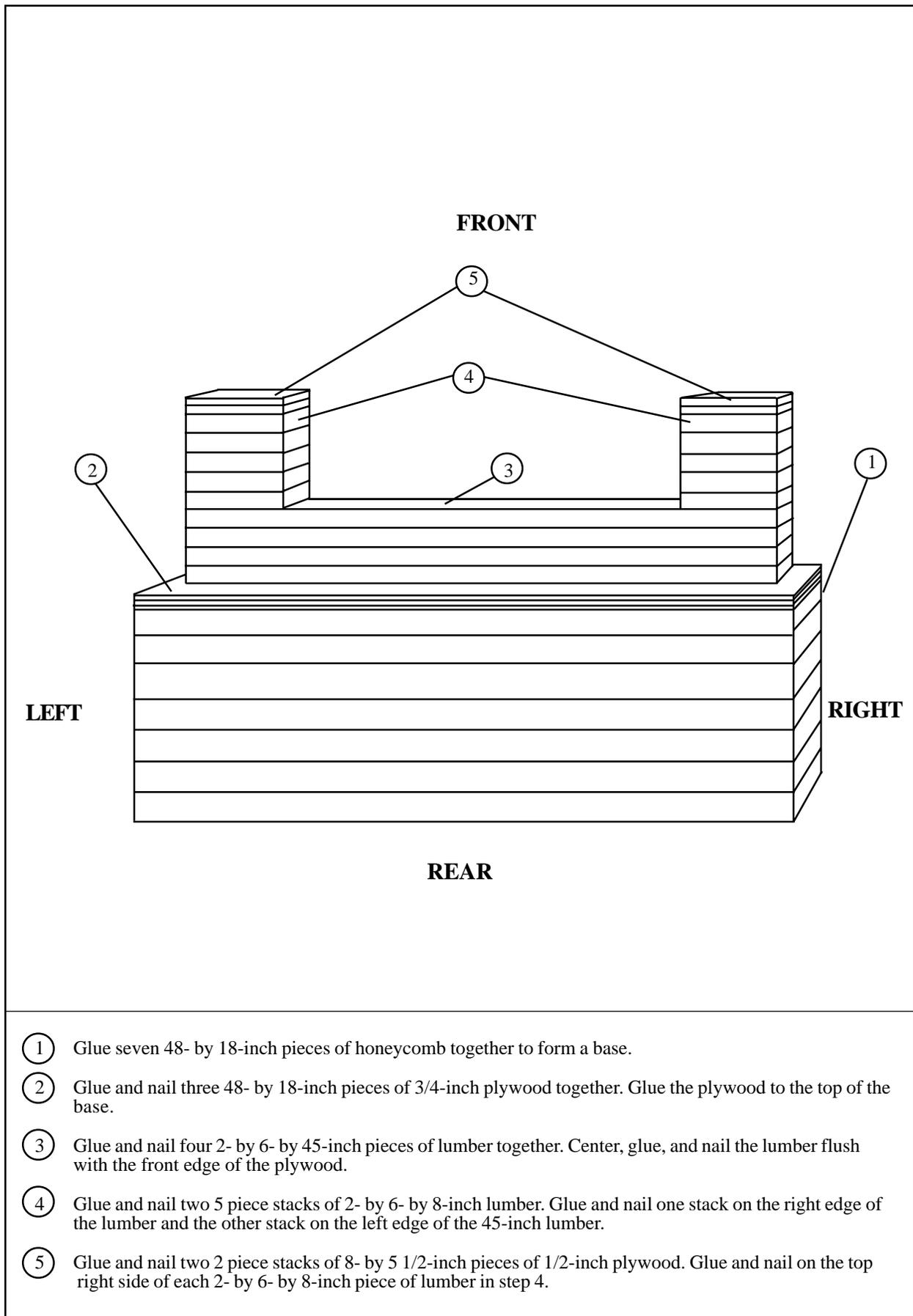
Use the material in *Table 3-1* to prepare 10 honeycomb stacks as shown in *Figures 3-3 through 3-10*.

*Table 3-1. Material needed to build honeycomb stacks*

Stack Number	Pieces	Width (Inches)	Length (Inches)	Material	Instructions
1	7	48	18	Honeycomb	See <i>Figure 3-3</i> .
	3	48	18	3/4-inch plywood	
	4	2- by 6	45	Lumber	
	10	2- by 6	8	Lumber	
	3	2- by 6	33	Lumber	
	4	2- by 6	10	Lumber	
	4	8	5 1/2	1/2-inch plywood	
	1	10	5 1/2	1/2-inch plywood	
2	5	43	20	Honeycomb	See <i>Figure 3-4</i> .
	3	43	20	3/4-inch plywood	
	3	2- by 8	20	Lumber	
	1	7 1/2	20	3/4-inch plywood	
3	5	48	18	Honeycomb	See <i>Figure 3-5</i> .
	3	48	18	3/4-inch plywood	
	2	4- by 4	48	Lumber	
	2	2- by 4	11	Lumber	
	2	11	6	3/4-inch plywood	
4	2	36	44	Honeycomb	See <i>Figure 3-6</i> .
	2	12	44	Honeycomb	
	12	18	44	Honeycomb	
	6	12	36	Honeycomb	
	3	48	44	3/4-inch plywood	
	1	2- by 6	48	Lumber	
	<b>2</b>	2- by 6	21	Lumber	
	<b>3</b>	2- by 6	21	Lumber	
	2	5 1/2	21	3/4-inch plywood	
	4	2- by 12	12	Lumber	
	2	12	11 1/2	3/4-inch plywood	
	2	2- by 12	38 1/2	Lumber	

Table 3-1. Material needed to build honeycomb stacks (continued)

Stack Number	Pieces	Width (Inches)	Length (Inches)	Material	Instructions
5	2	36	46	Honeycomb	See Figure 3-7.
	2	12	46	Honeycomb	
	12	18	46	Honeycomb	
	6	12	36	Honeycomb	
	3	48	46	3/4-inch plywood	
	6	14	12	3/4-inch plywood	
	2	2- by 8	26 1/2	Lumber	
	1	7 1/2	26 1/2	3/4-inch plywood	
	1	7 1/2	8	3/4-inch plywood	
	1	10	10	3/4-inch plywood	
	1	8	6	3/4-inch plywood	
1	8	16	3/4-inch plywood		
6	8	43	24	Honeycomb	See Figure 3-8.
	3	43	24	3/4-inch plywood	
	3	2- by 8	43	Lumber	
	4	2- by 8	12	Lumber	
	4	7 1/2	12	3/4-inch plywood	
	4	14	7	3/4-inch plywood	
7	1	18	96	Honeycomb	See Figure 3-9.
8	1	18	96	Honeycomb	See Figure 3-9.
9	1	18	74	Honeycomb	See Figure 3-10.
10	1	18	74	Honeycomb	See Figure 3-10.



- ① Glue seven 48- by 18-inch pieces of honeycomb together to form a base.
- ② Glue and nail three 48- by 18-inch pieces of 3/4-inch plywood together. Glue the plywood to the top of the base.
- ③ Glue and nail four 2- by 6- by 45-inch pieces of lumber together. Center, glue, and nail the lumber flush with the front edge of the plywood.
- ④ Glue and nail two 5 piece stacks of 2- by 6- by 8-inch lumber. Glue and nail one stack on the right edge of the lumber and the other stack on the left edge of the 45-inch lumber.
- ⑤ Glue and nail two 2 piece stacks of 8- by 5 1/2-inch pieces of 1/2-inch plywood. Glue and nail on the top right side of each 2- by 6- by 8-inch piece of lumber in step 4.

Figure 3-3. Stack 1 prepared

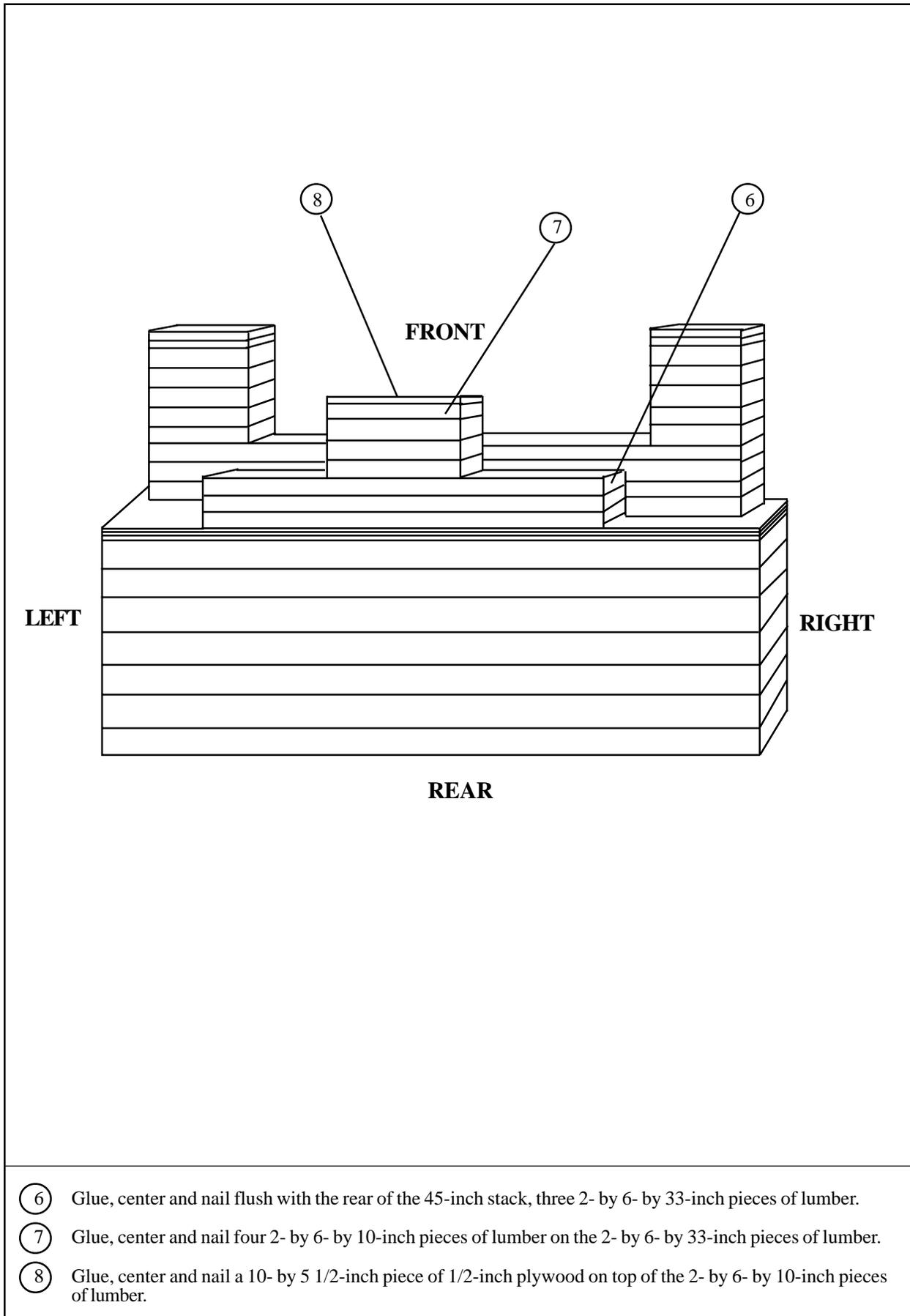
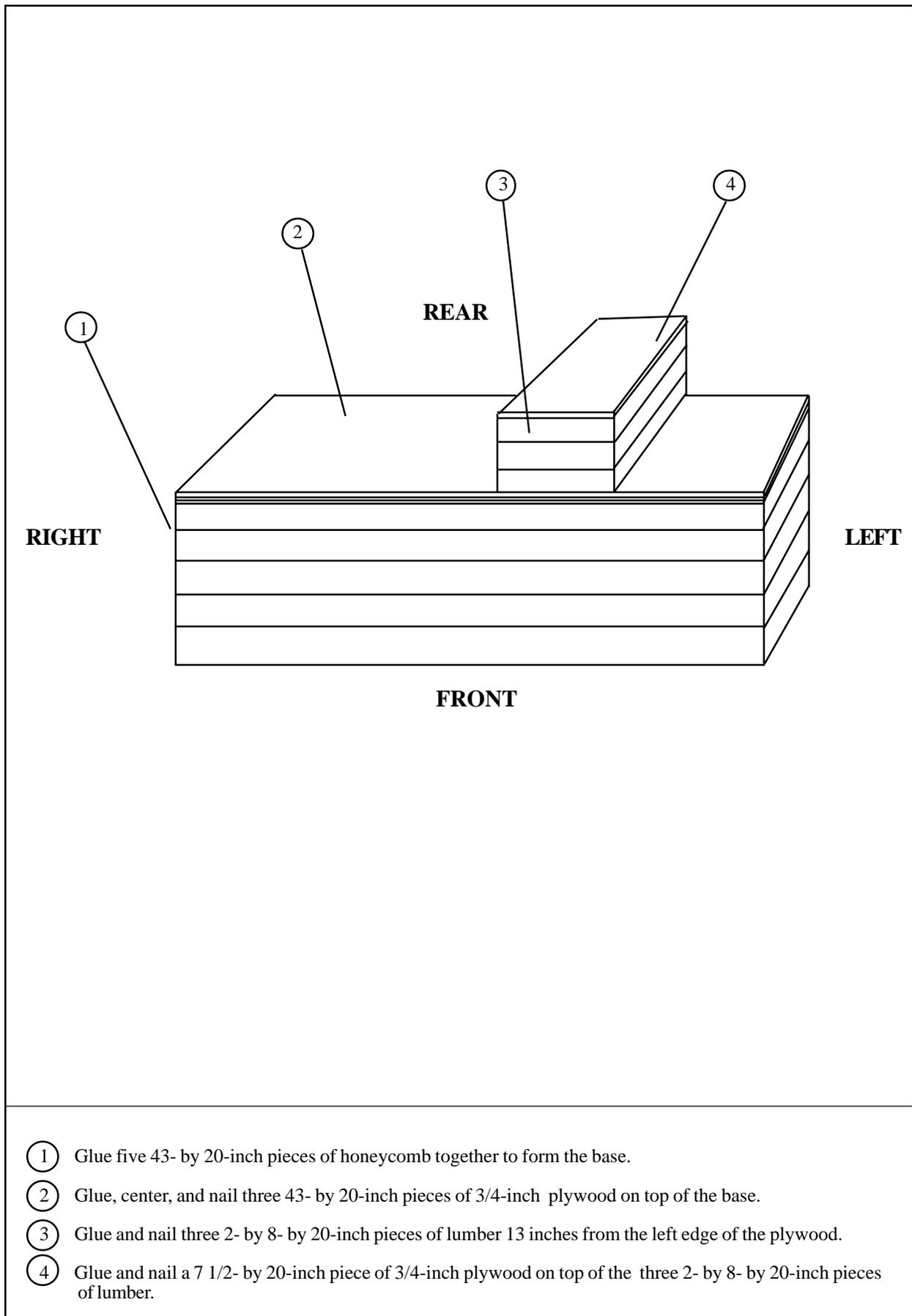
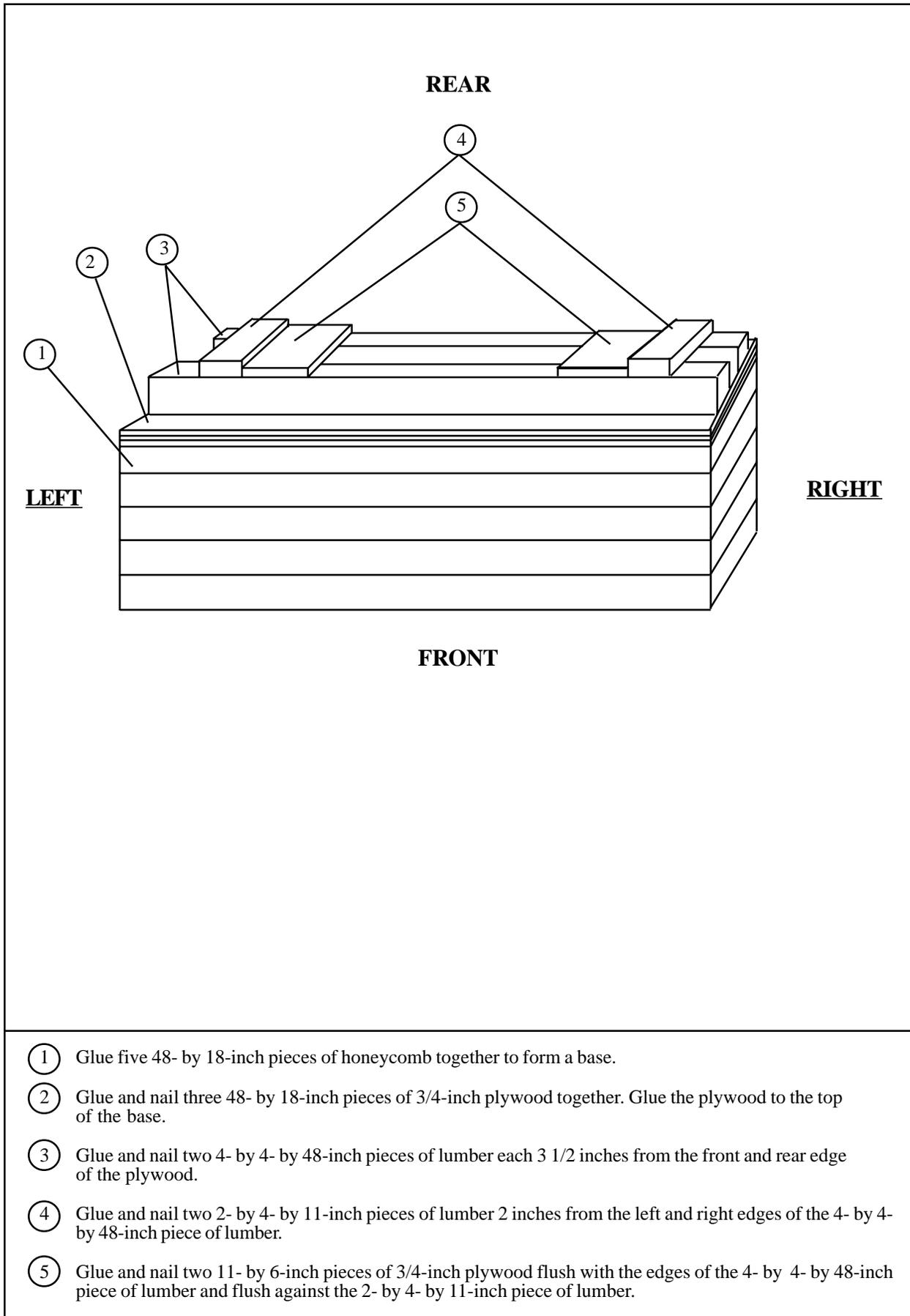


Figure 3-3. Stack 1 prepared (Continued)



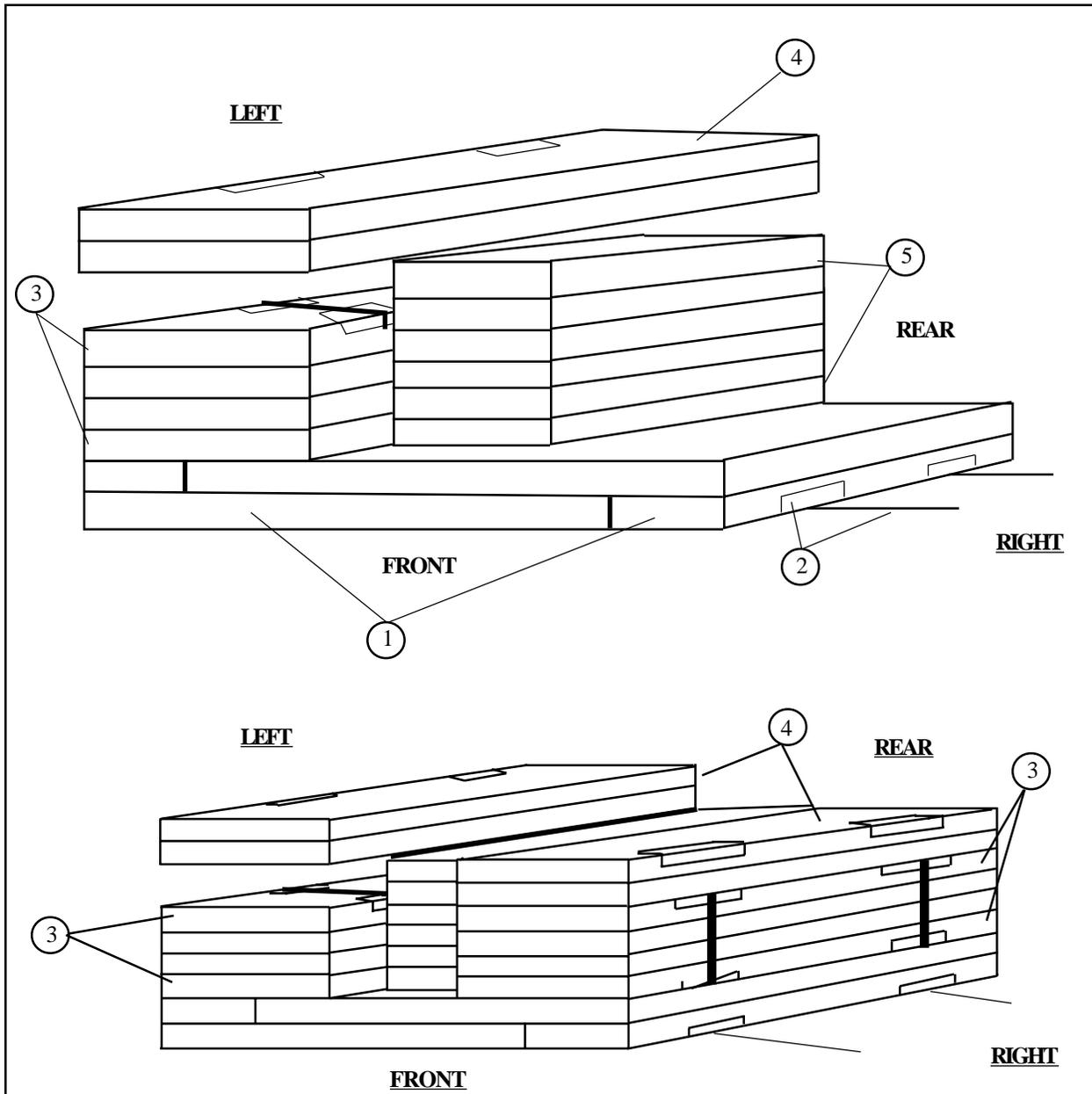
- ① Glue five 43- by 20-inch pieces of honeycomb together to form the base.
- ② Glue, center, and nail three 43- by 20-inch pieces of 3/4-inch plywood on top of the base.
- ③ Glue and nail three 2- by 8- by 20-inch pieces of lumber 13 inches from the left edge of the plywood.
- ④ Glue and nail a 7 1/2- by 20-inch piece of 3/4-inch plywood on top of the three 2- by 8- by 20-inch pieces of lumber.

Figure 3-4. Stack 2 prepared



- ① Glue five 48- by 18-inch pieces of honeycomb together to form a base.
- ② Glue and nail three 48- by 18-inch pieces of 3/4-inch plywood together. Glue the plywood to the top of the base.
- ③ Glue and nail two 4- by 4- by 48-inch pieces of lumber each 3 1/2 inches from the front and rear edge of the plywood.
- ④ Glue and nail two 2- by 4- by 11-inch pieces of lumber 2 inches from the left and right edges of the 4- by 4- by 48-inch piece of lumber.
- ⑤ Glue and nail two 11- by 6-inch pieces of 3/4-inch plywood flush with the edges of the 4- by 4- by 48-inch piece of lumber and flush against the 2- by 4- by 11-inch piece of lumber.

Figure 3-5. Stack 3 prepared



- ① Position a 36- by 44-inch piece of honeycomb beside a 12- by 44-inch piece of honeycomb. Glue a 36- by 44-inch piece of honeycomb and a 12- by 44-inch piece of honeycomb on top of the first layer. Alternate them to form the base.
- ② Place a length of cloth backed tape on the bottom outer edges of the base. Position two 13-foot lengths of type III nylon cord under the base aligned with the strips of tape.
- ③ Form two stacks by gluing four pieces of 18- by 44-inch honeycomb together. Place a sufficient length of cloth backed tape on all edges. Run a length of 1/2-inch tubular nylon over the strips of tape and around the stack. Secure and tie with a square knot on the outside of the stack. Place the stack flush with the base. **(Do not glue to base.) (The 1/2-inch tubular nylon ties, PULL-OUT AIDS, are to assist in pulling the stacks out from under the vehicle during derigging.)**
- ④ Form two stacks by gluing two pieces of 18- by 44-inch honeycomb together. Place a length of cloth backed tape on each end. Position each stack on top of the existing stacks. **(Do not glue.)**
- ⑤ Form a stack by gluing six 12- by 36-inch pieces of honeycomb together. Position the stack between the two stacks in step 4, flush with the rear edge of the base. **(Do not glue to base.)**

Figure 3-6. Stack 4 prepared

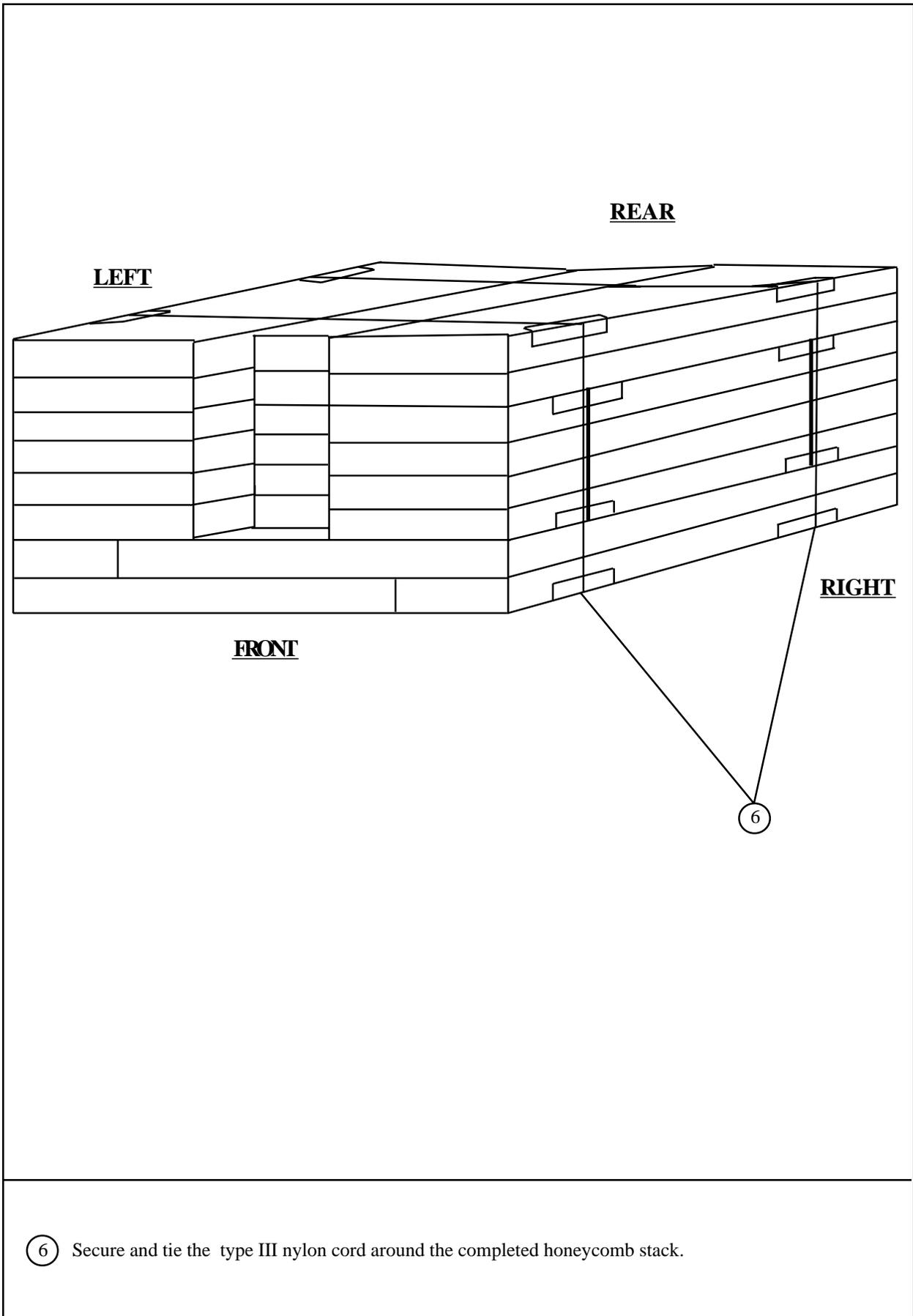
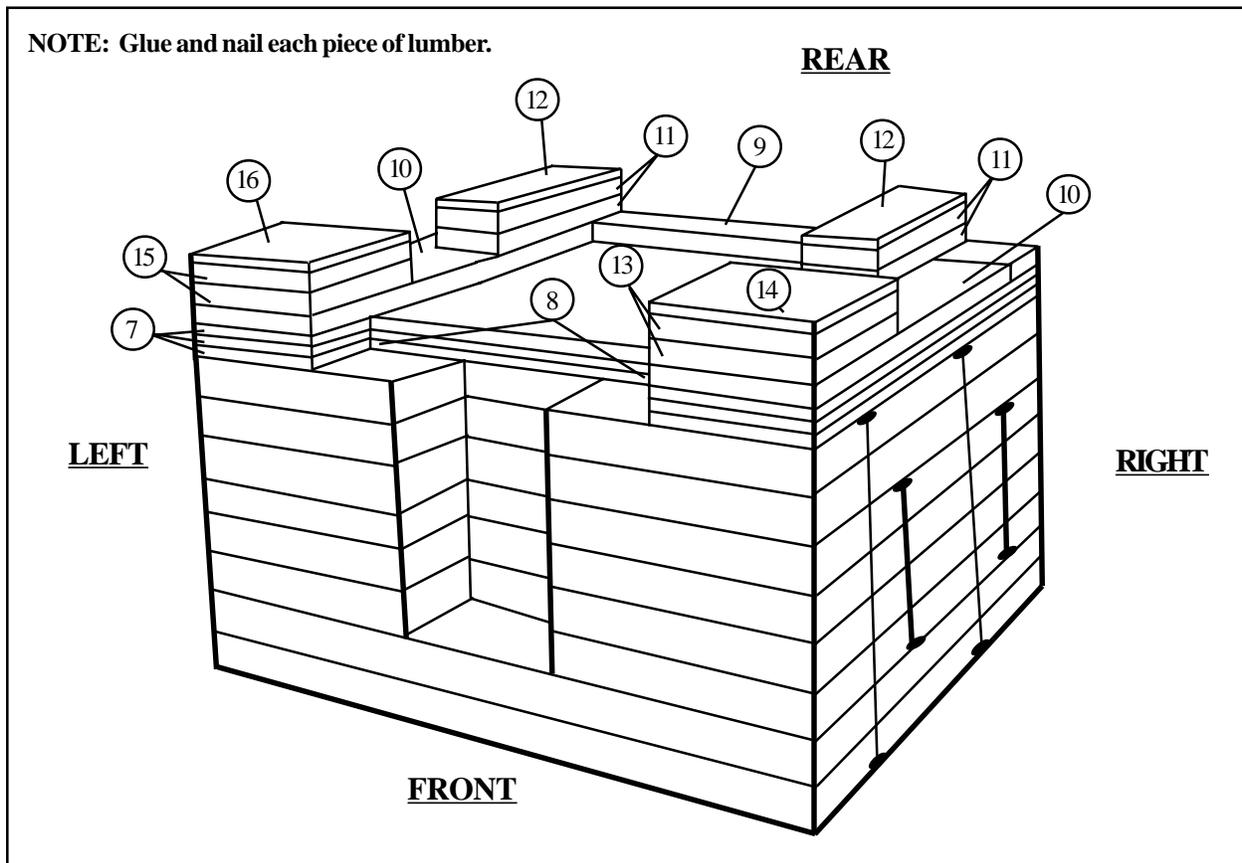
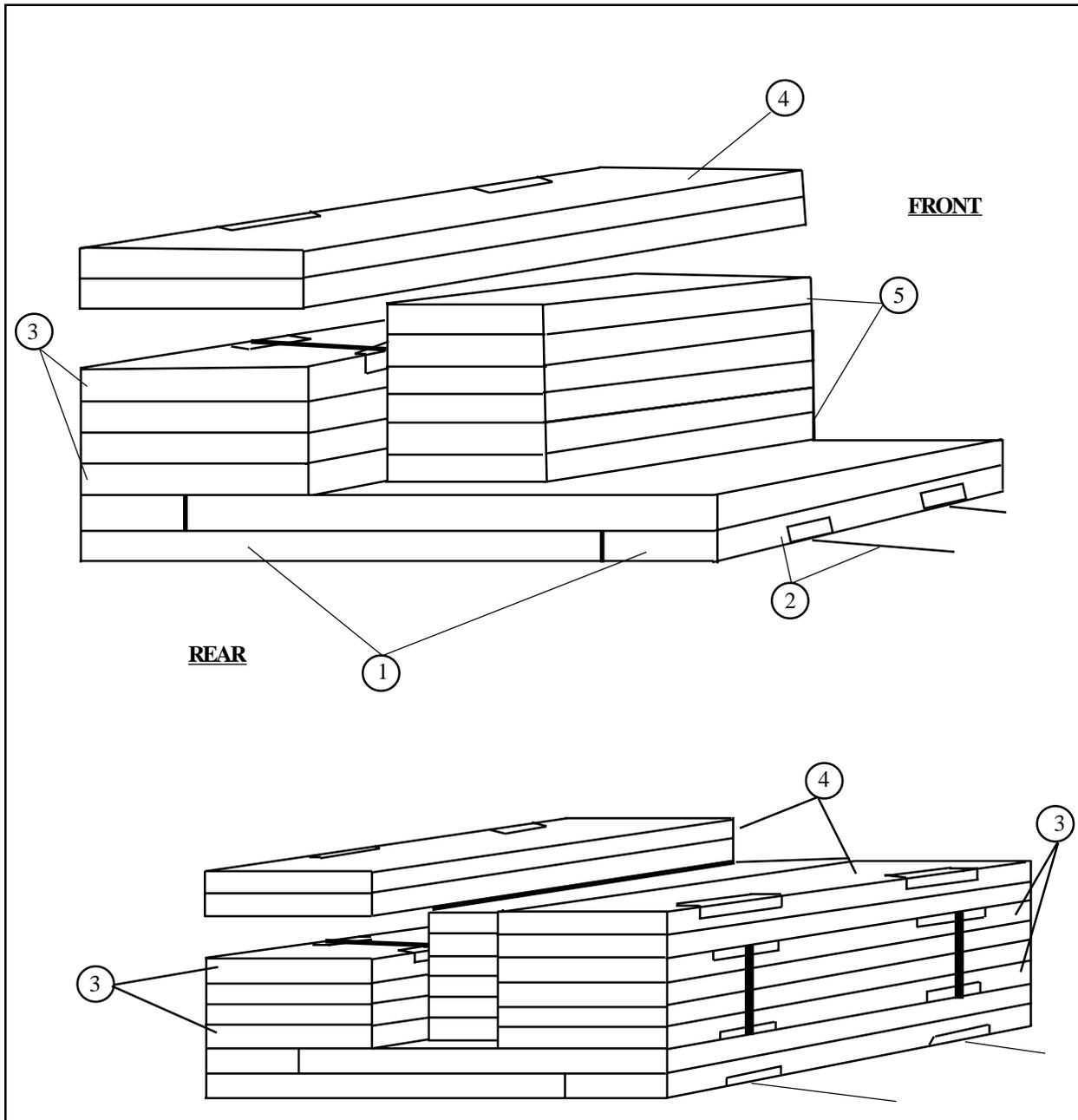


Figure 3-6. Stack 4 prepared (Continued)



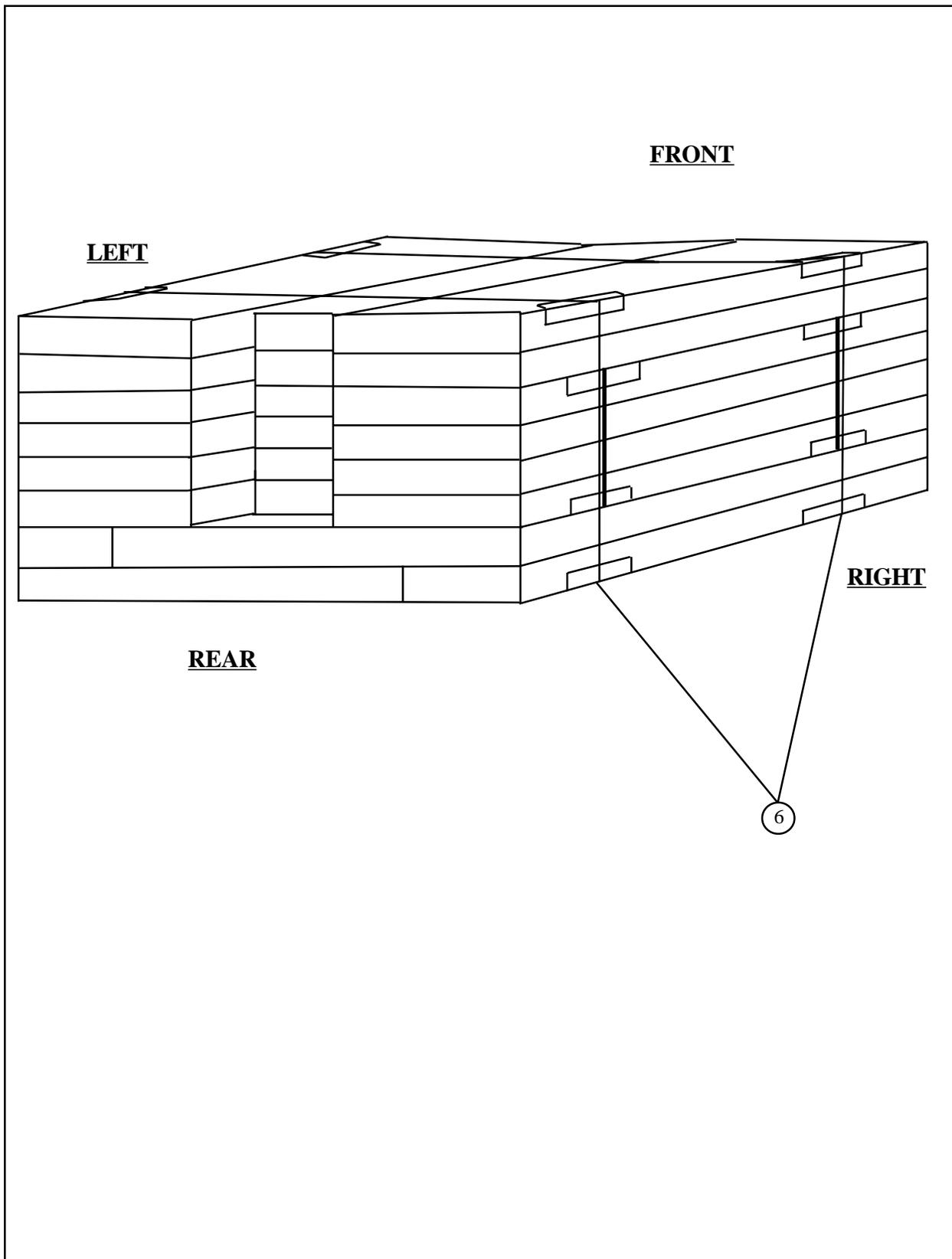
- ⑦ Glue and nail three 48- by 44-inch pieces of 3/4-inch plywood together. **(Do not build lumber stack on honeycomb stack. The lumber will be placed on the stack later.)**
- ⑧ Cut a 26-inch long, 7-inch deep cutout in the center of the 48-inch side of the plywood.
- ⑨ Glue and nail one 2- by 6- by 48-inch piece of lumber flush along the rear left edge of the plywood.
- ⑩ Glue and nail one 2- by 12- by 38 1/2-inch piece of lumber flush with left side and another on the right side of the plywood and the end flush against the 2- by 6- by 48-inch piece of lumber in step 9.
- ⑪ Glue and nail two 2- by 6- by 21-inch pieces of lumber flush with the right inside edge of the 2- by 12- by 38 1/2-inch lumber and flush with the rear of the 2- by 6- by 48-inch piece of lumber. Glue and nail two pieces flush with the left inside edge of the 2- by 12- by 38 1/2-inch lumber and flush with the rear of the 2- by 6- by 48-inch piece of lumber. **Stack shown is for truck without winch. When truck has a winch, use three 2- by 6- by 21-inch pieces of lumber glued to the outside on the left side instead of two.**
- ⑫ Center, glue and nail one 5 1/2- by 21-inch piece of 3/4-inch plywood on top of each of the two pieces of lumber in step 11.
- ⑬ Glue and nail two 2- by 12- by 12-inch pieces of lumber flush with the right front corner on top of the 2- by 12- by 38 1/2-inch piece of lumber in step 10.
- ⑭ Center, glue and nail one piece of 11 1/2- by 12-inch piece of 3/4-inch plywood on top of the two pieces of lumber in step 13.
- ⑮ Glue and nail two 2- by 12- by 12-inch pieces of lumber flush with the left front corner on top of the 2- by 12- by 38 1/2-inch piece of lumber in step 10.
- ⑯ Center, glue and nail one piece of 11 1/2- by 12-inch piece of 3/4-inch plywood on top of each of the two pieces of lumber in step 15. **Glue the completed lumber to the honeycomb base.**

Figure 3-6. Stack 4 prepared (Continued)



- ① Position a 36- by 46-inch piece of honeycomb beside a 12- by 46-inch piece of honeycomb. Glue a 36- by 46-inch piece of honeycomb and a 12- by 46-inch piece of honeycomb on top of the first layer. Alternate them to form the base.
- ② Place a length of cloth backed tape on the bottom outer edges of the base. Position two 13-foot lengths of type III nylon cord under the base. Align with the strips of tape.
- ③ Form two stacks by gluing four pieces of 18- by 46-inch honeycomb together. Place a sufficient length of cloth backed tape on all edges. Run a length of 1/2-inch tubular nylon over the strips of tape and around the 18- by 46-inch stacks. Secure and tie with a square knot on the outside of the stack. Place the stack flush with the base. **(Do not glue to base.) (The 1/2-inch tubular nylon ties, PULL-OUT AIDS, are to assist in pulling the stacks out from under the vehicle during derigging.)**
- ④ Form two stacks by gluing two pieces of 18- by 46-inch honeycomb together. Place a length of cloth backed tape on each end. Position each stack on top of the existing stacks. **(Do not glue.)**
- ⑤ Form a stack by gluing six 12- by 36-inch pieces of honeycomb together. Position the stack between the two stacks in step 4, flush with the rear edge of the base. **(Do not glue to base.)**

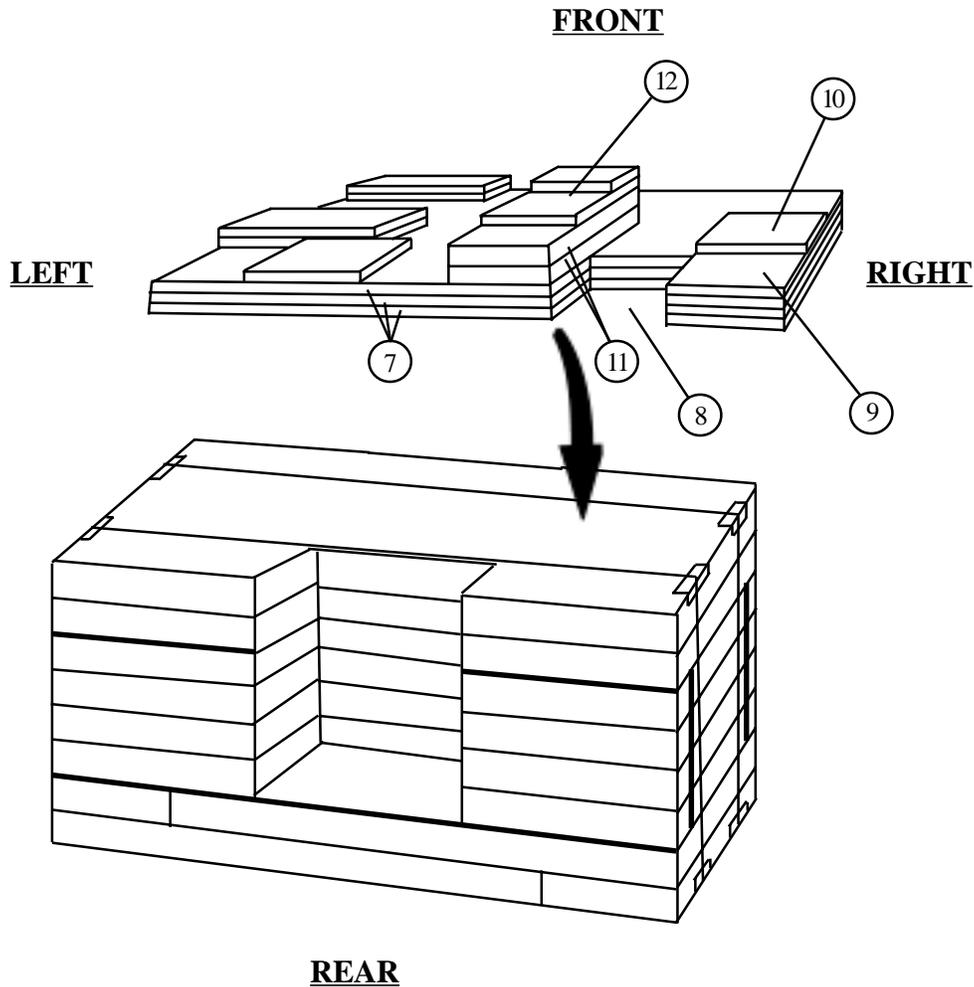
Figure 3-7. Stack 5 prepared



⑥ Secure and tie the type III nylon cord around the completed honeycomb stack.

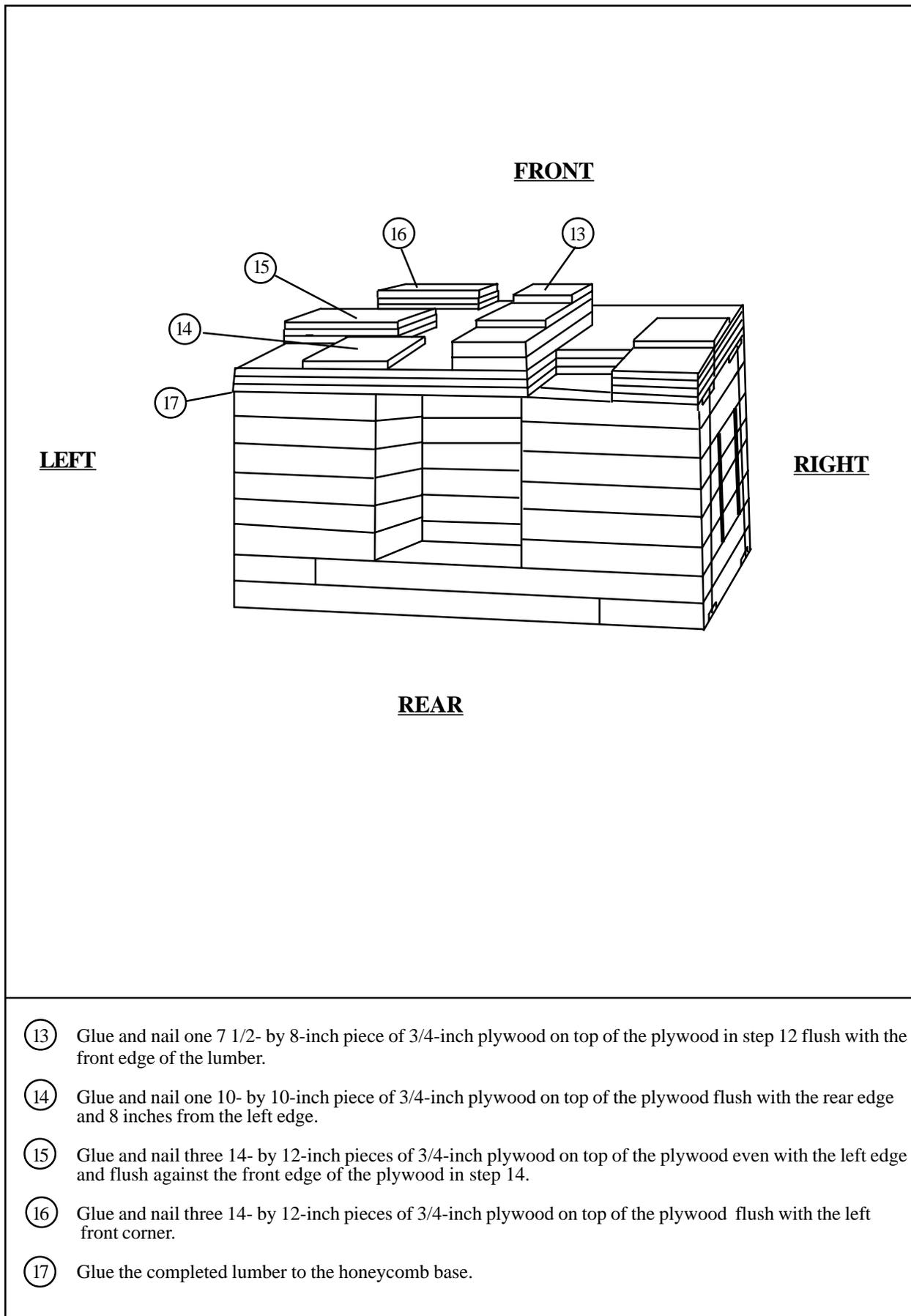
Figure 3-7. Stack 5 prepared (Continued)

**Note: Place the plywood on the honeycomb stack after positioning stack on the platform.**



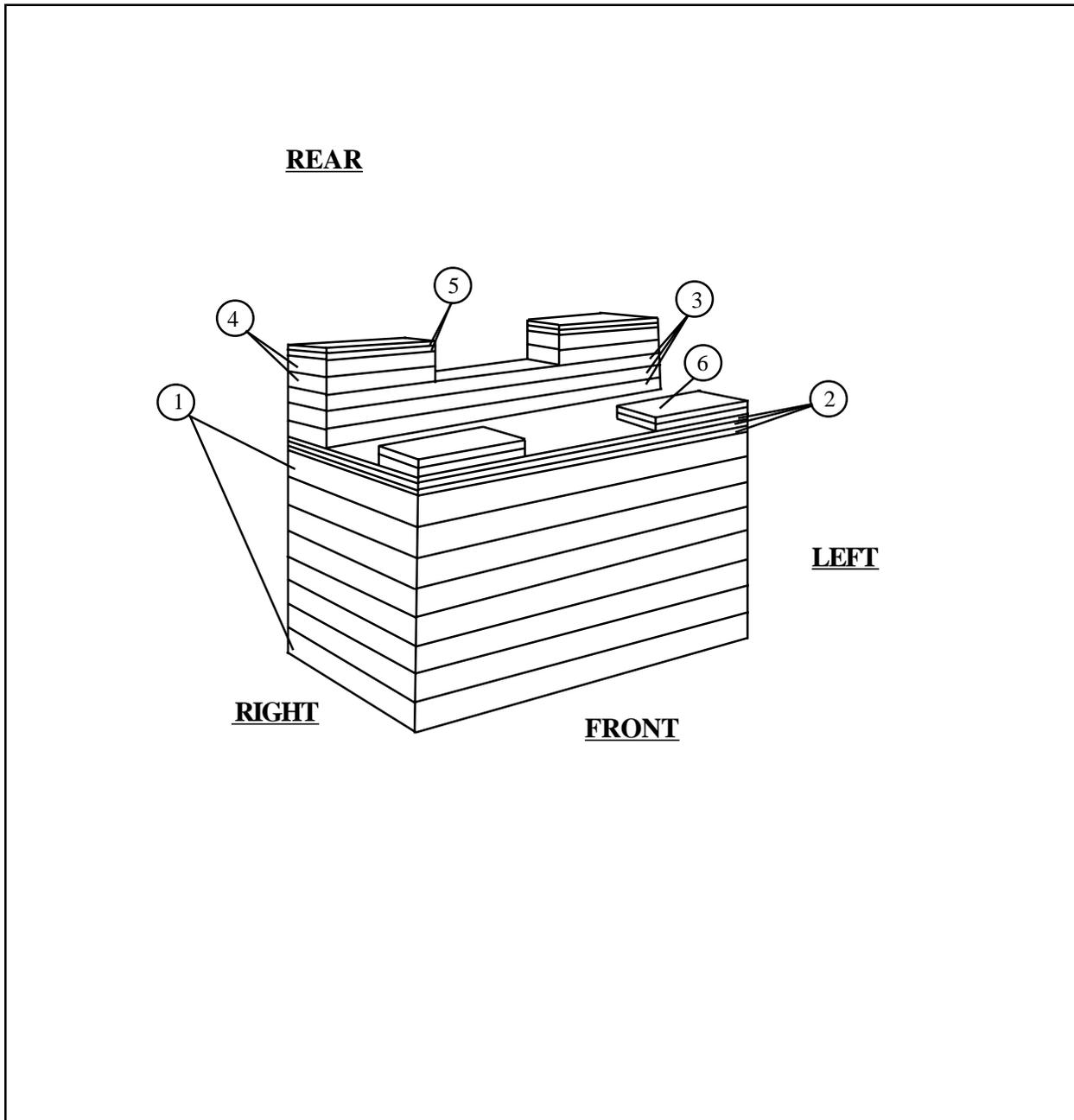
- ⑦ Glue and nail together three 48- by 46-inch pieces of 3/4-inch plywood.
- ⑧ Cut an 8-inch long and 12-inch deep cutout in the rear 48-inch edge of the plywood 8 inches from the right side.
- ⑨ Glue and nail one 8- by 16- by 3/4-inch piece of plywood on top of the plywood flush with the rear right edge.
- ⑩ Glue and nail one 8- by 6- by 3/4-inch piece of plywood on top of the plywood in step 9 flush with the front right edge.
- ⑪ Glue and nail two 2- by 8- by 26 1/2-inch pieces of lumber flush with the rear edge of the plywood and even with the left side of the cutout.
- ⑫ Glue and nail one 7 1/2- by 26 1/2-inch piece of 3/4-inch plywood on top of the lumber in step 11 flush with the front edge of the lumber.

Figure 3-7. Stack 5 prepared (Continued)



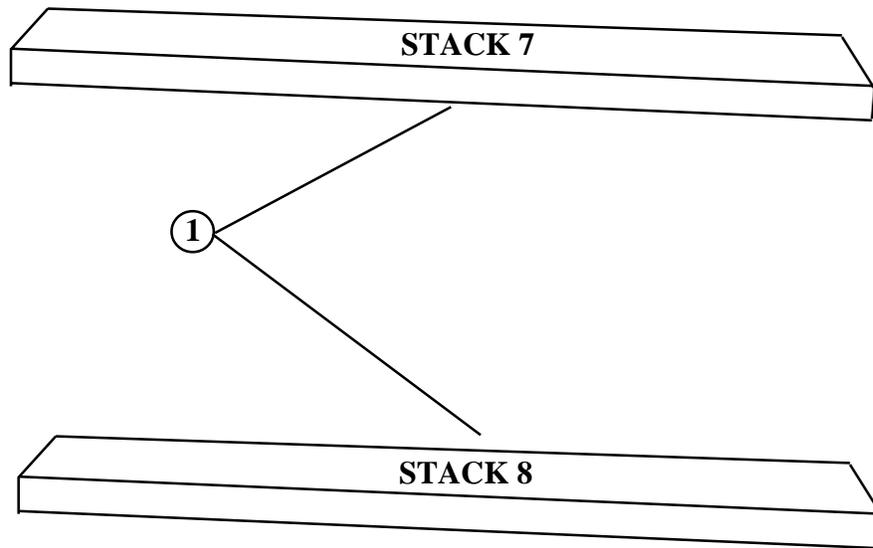
- ⑬ Glue and nail one 7 1/2- by 8-inch piece of 3/4-inch plywood on top of the plywood in step 12 flush with the front edge of the lumber.
- ⑭ Glue and nail one 10- by 10-inch piece of 3/4-inch plywood on top of the plywood flush with the rear edge and 8 inches from the left edge.
- ⑮ Glue and nail three 14- by 12-inch pieces of 3/4-inch plywood on top of the plywood even with the left edge and flush against the front edge of the plywood in step 14.
- ⑯ Glue and nail three 14- by 12-inch pieces of 3/4-inch plywood on top of the plywood flush with the left front corner.
- ⑰ Glue the completed lumber to the honeycomb base.

Figure 3-7. Stack 5 prepared (Continued)



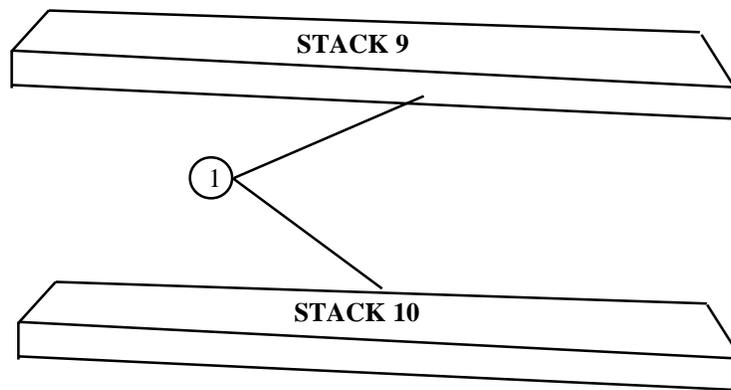
- ① Glue eight 43- by 24-inch pieces of honeycomb together to form a base.
- ② Glue and nail three 43- by 24-inch pieces of 3/4-inch plywood together.
- ③ Glue and nail three 2- by 8- by 43-inch pieces of lumber. Center, glue and nail each piece of lumber flush with the rear edge of the plywood.
- ④ Glue and nail two 2 piece stacks of 2- by 8- by 12-inch lumber. Glue and nail one stack flush with the right edge and one stack flush with left edge of the lumber in step 3.
- ⑤ Glue two 2 piece stacks of 7 1/2- by 12-inch pieces of 3/4-inch plywood. Glue and nail one stack on top of the right and left stacks of lumber in step 4.
- ⑥ Glue two 2 piece stacks of 14- by 7-inch pieces of 3/4-inch plywood. Glue and nail each stack flush with the right and left front corners.
- ⑦ Glue the completed lumber to the honeycomb base.

Figure 3-8. Stack 6 prepared



① Cut two 18- by 96-inch pieces of honeycomb.

Figure 3-9. Stacks 7 and 8 prepared

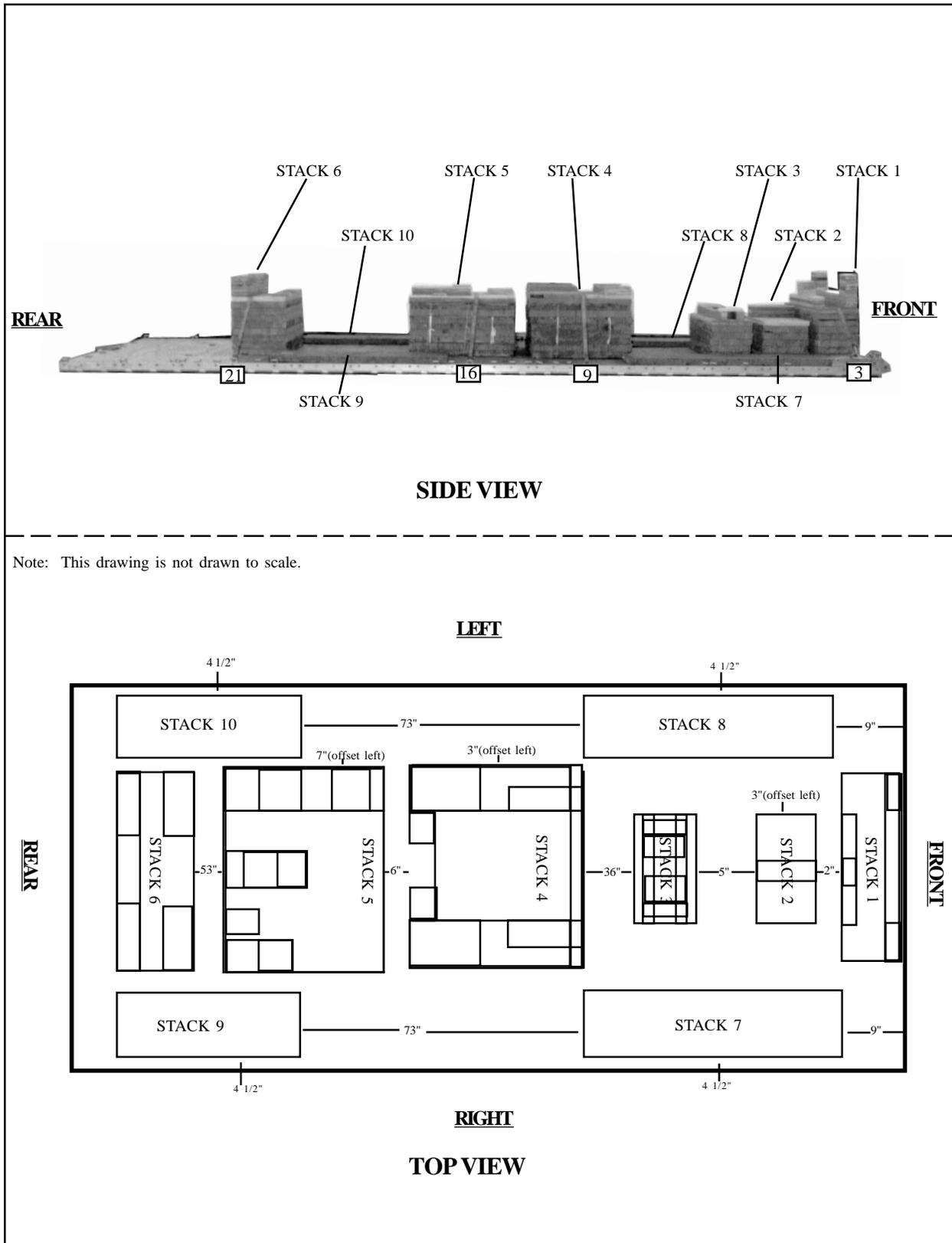


- ① Cut two 18- by 74-inch pieces of honeycomb.

*Figure 3-10. Stacks 9 and 10 prepared*

**3-4. Positioning Honeycomb Stacks**

Position the honeycomb stacks as shown in *Figure 3-11*.



Note: This drawing is not drawn to scale.

Figure 3-11. Honeycomb stacks positioned on platform

Stack Number	Instructions
1	Position stack 1, centered and flush with the front of the platform. Secure the stack by passing a 15-foot tie-down lashing through clevis 3A and through its own D-ring. Route the lashing over the stack and secure it with a D-ring and loadbinder to clevis 3.
2	Position stack 2, offset 3 inches to the left of center and 2 inches from stack 1.
3	Position stack 3, centered and 5 inches from stack 2.
4	Position stack 4, offset 3 inches to the left of center and 36 inches from stack 3. Secure the stack by passing a 15-foot tie-down lashing through clevis 9A and through its own D-ring. Route the lashing over the stack and secure it with a D-ring and a loadbinder to clevis 9.
5	Position stack 5, offset 7 inches to the left of center and 6 inches from stack 4. Secure the stack by passing a lashing through clevis 16A and it's own D-ring. Route the lashing over the stack and secure it with a D-ring and a loadbinder to clevis 16.
6	Position stack 6, centered and 53 inches from stack 5. Secure the stack by passing a 15-foot tiedown lashing through clevis 21A and then through its own D-ring. Route the lashing over the stack and secure the end with a D-ring and loadbinder to clevis 21.
7	Position stack 7, 9 inches from the front edge of the platform and 4 1/2 inches from the right platform side rail.
8	Position stack 8, 9 inches from the front edge of the platform and 4 1/2 inches from the left platform side rail.
9	Position stack 9, 73 inches from stack 7 and 4 1/2 inches from the right platform side rail.
10	Position stack 10, 73 inches from stack 8 and 4 1/2 inches from the left platform side rail.

*Figure 3-11. Honeycomb stacks positioned on platform (Continued)*

### 3-5. Preparing Truck

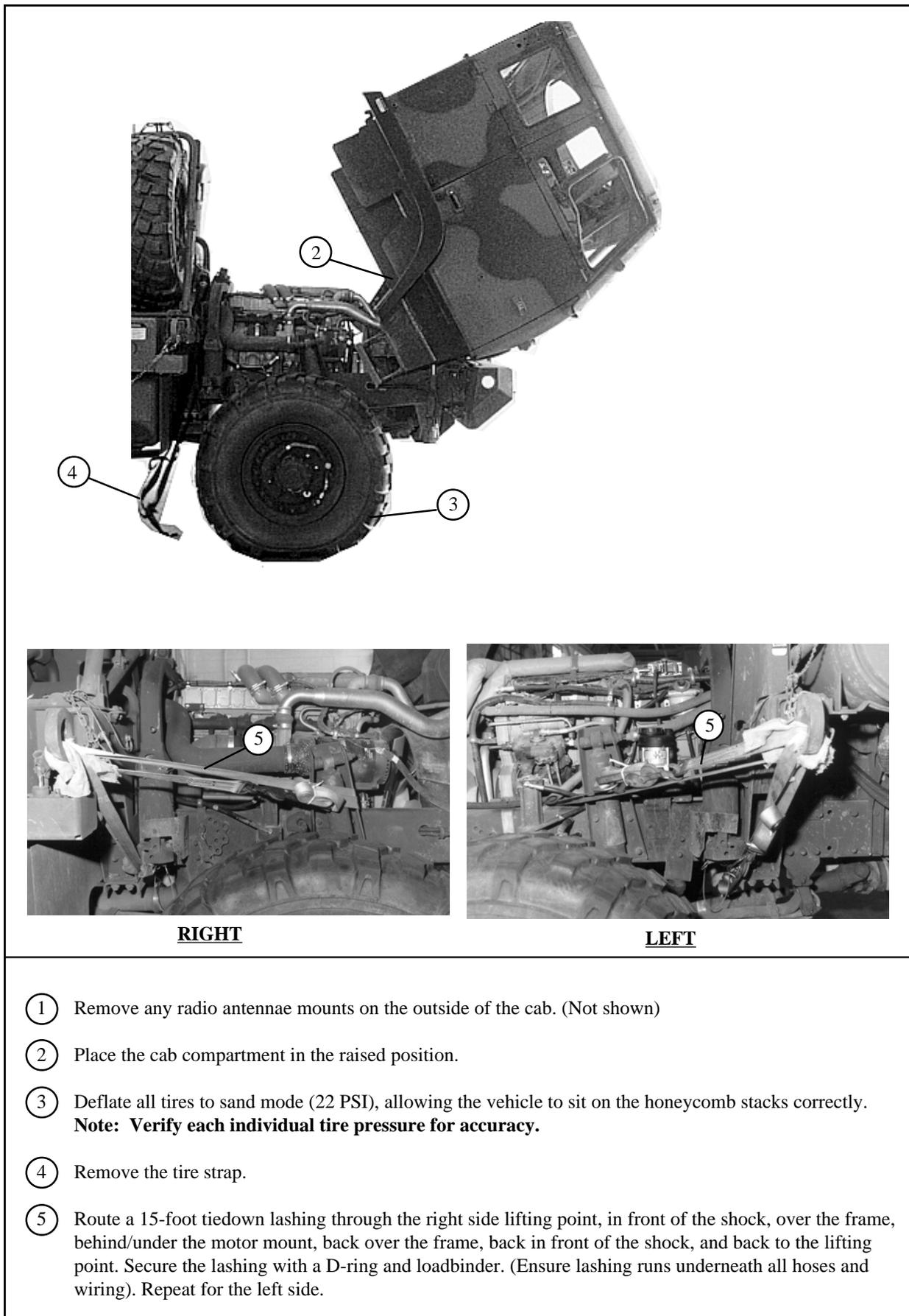
Prepare the M1093 truck as shown in *Figure 3-12* and as described below.

- a. Make sure the fuel tank is not more than 3/4 full.
- b. Make sure the batteries and compartment comply with AFJMAN 24-204/TM 38-250.

*The following is a list of materials used for truck preparation.*

PIECES	WIDTH (inches)	LENGTH (inches)	MATERIAL
1	36	36	Honeycomb
1	36	80	Honeycomb
2	18	60	Honeycomb
10	2- by 6	13	Lumber
2	4- by 4	6	Lumber
2	4- by 4	15	Lumber
4	2- by 4	6	Lumber
1	10	10	3/4-inch Plywood
3	2- by 6	6	Lumber
1	36	96	Honeycomb
4	1/2	10	Bolts (washers and nuts)

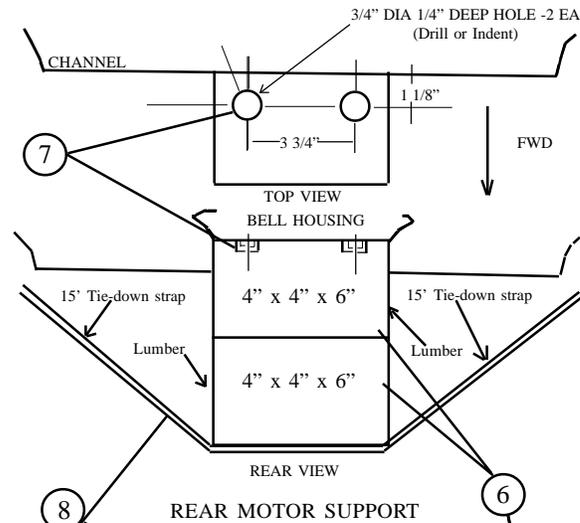
- NOTES:**
1. The truck should arrive at the rigging site with the gun turret removed from roof and replaced with flat insert.
  2. The cargo/troop carrier cover, bows, cargo/troop carrier cover poles, bed stakes, seat bars, seats and side rails located in the rear of the truck should be removed and packed as basic load.



- ① Remove any radio antennae mounts on the outside of the cab. (Not shown)
- ② Place the cab compartment in the raised position.
- ③ Deflate all tires to sand mode (22 PSI), allowing the vehicle to sit on the honeycomb stacks correctly. **Note: Verify each individual tire pressure for accuracy.**
- ④ Remove the tire strap.
- ⑤ Route a 15-foot tiedown lashing through the right side lifting point, in front of the shock, over the frame, behind/under the motor mount, back over the frame, back in front of the shock, and back to the lifting point. Secure the lashing with a D-ring and loadbinder. (Ensure lashing runs underneath all hoses and wiring). Repeat for the left side.

Figure 3-12. Truck prepared

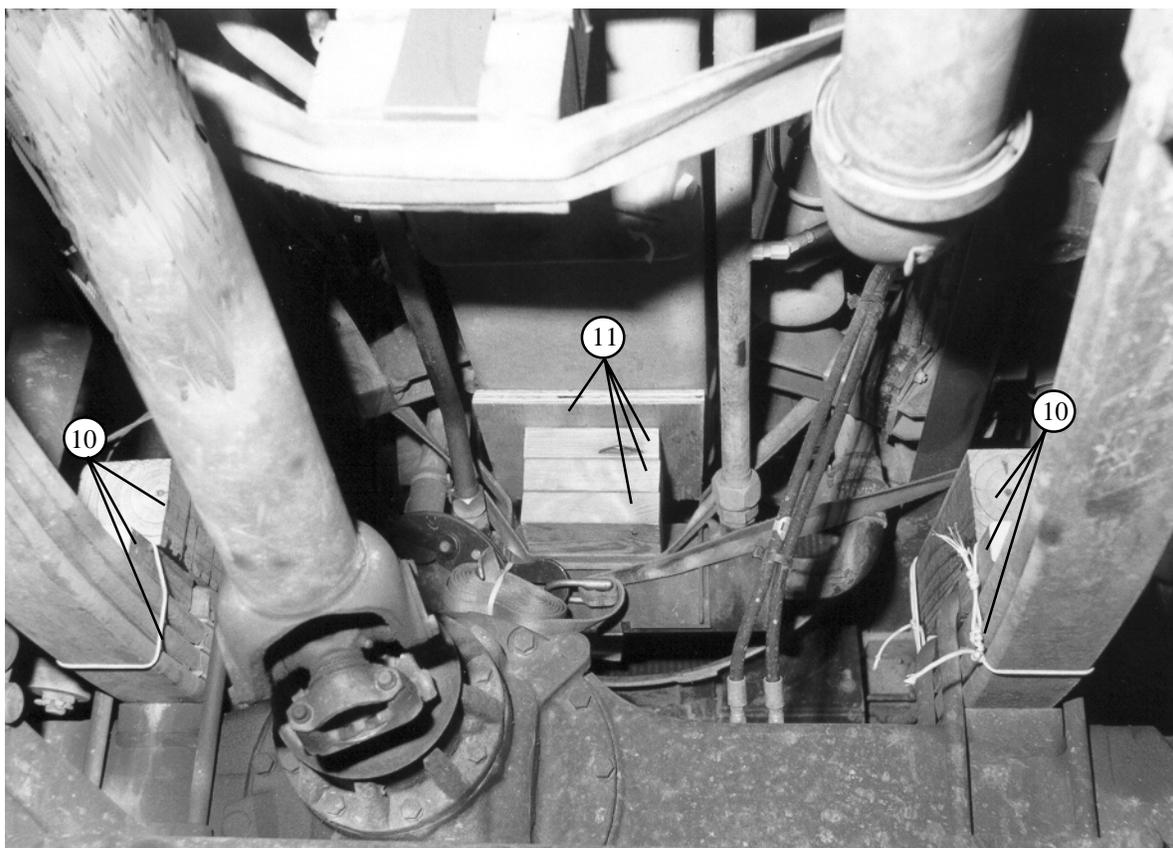
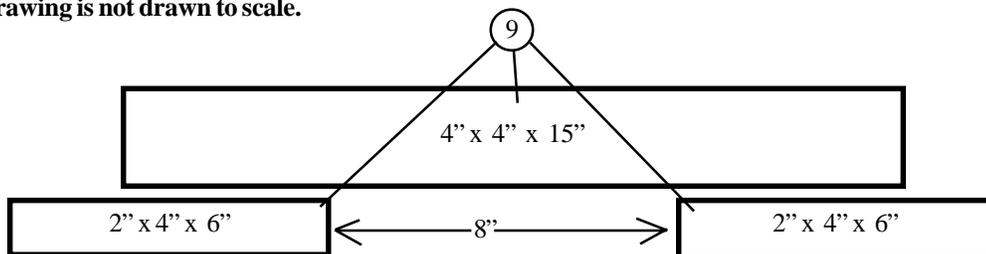
**Note: This drawing is not drawn to scale.**



- ⑥ Cut two 4- by 4- by 6-inch pieces of lumber.
- ⑦ Countersink two holes 3/4-inch in diameter 1/4-inch deep and 1 1/8 inch from the edge on the 6 inch side, with a 3 3/4 inch center to center hole measurement in one piece of 4- by 4- by 6-inch lumber. Place the other 4- by 4- by 6-inch piece of lumber under the first piece of lumber and tape them together leaving the holes exposed.
- ⑧ Place the countersunk holes of the 4- by 4- by 6-inch piece of lumber over the bolts in the bell housing. Route a 30-foot lashing through the right side lifting point under the 4- by 4- by 6-inch piece of lumber and through the left side lifting point, and back under the 4- by 4- by 6-inch piece of lumber. Secure with a D-ring and loadbinder.

Figure 3-12 Truck prepared (Continued)

Note: This drawing is not drawn to scale.



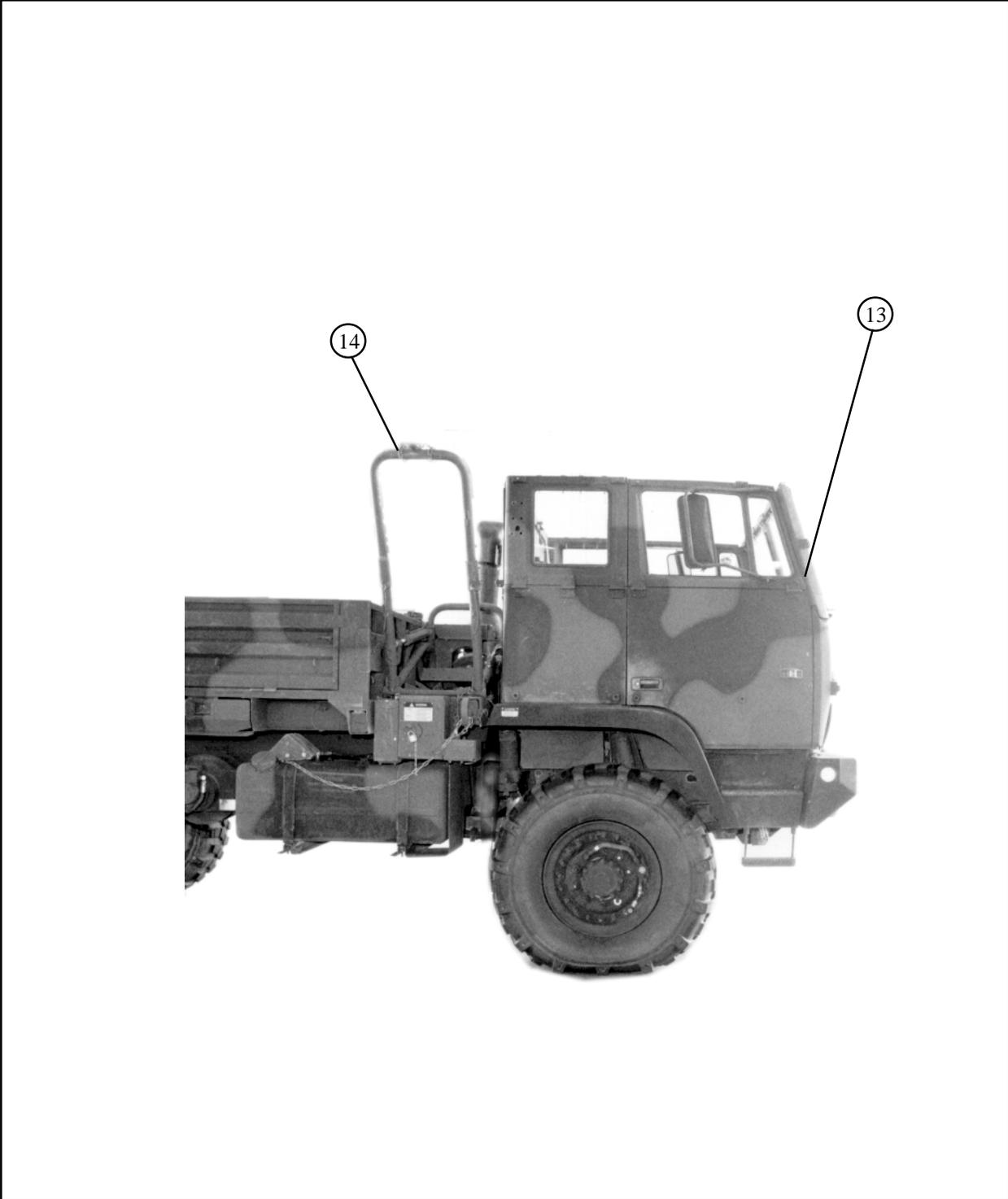
- ⑨ Glue and nail together one 4- by 4- by 15-inch piece of lumber and two 2- by 4- by 6-inch pieces of lumber for each axle.
- ⑩ Position them on top of the right and left axles and secure with type III nylon cord.
- ⑪ Position a 10- by 10- by 3/4-inch piece of plywood and three 2- by 6- by 6-inch pieces of lumber against the oil pan and front of the engine.

Figure 3-12. Truck prepared (Continued)



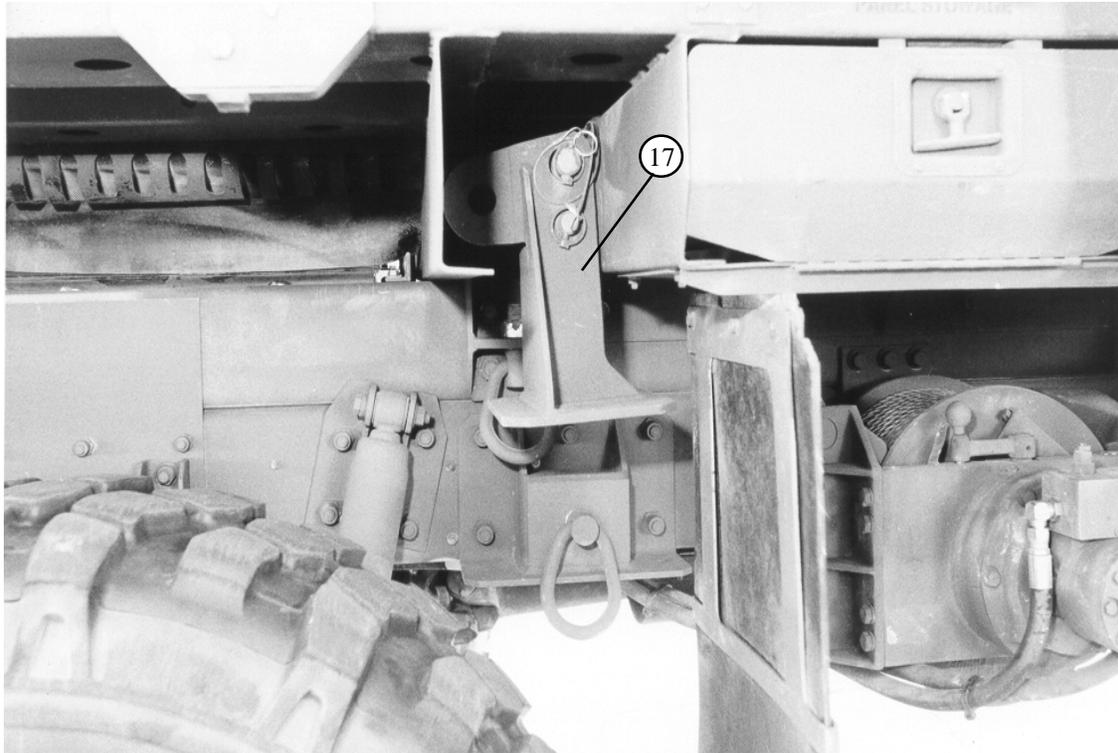
- ⑫ Route a 15-foot lashing in rear of motor mounts around the left and right main frames (under all hoses). Secure the lumber and plywood with D-ring and load binder.

Figure 3-12. Truck prepared (Continued)



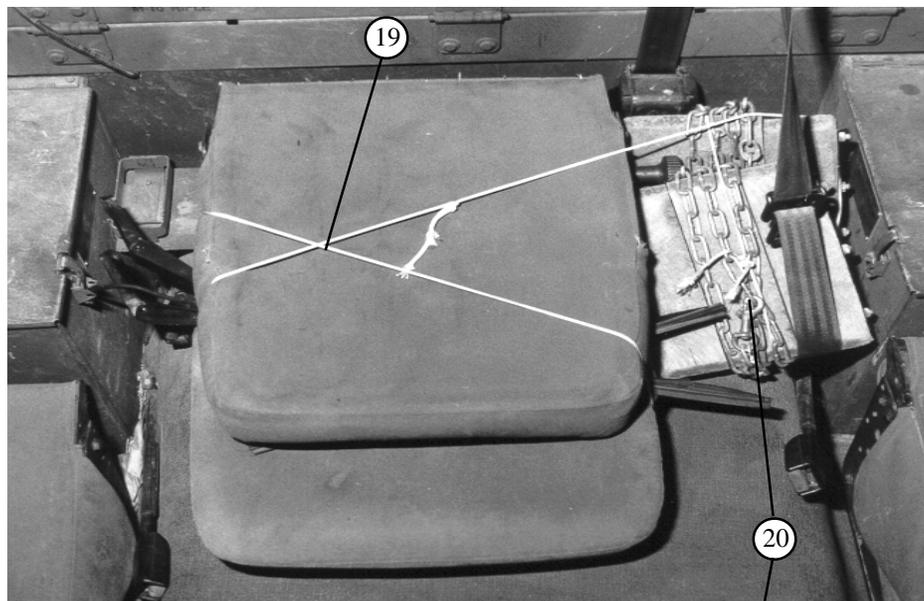
- ⑬ Place the cab in the lowered position.
- ⑭ Remove the spare tire from the rack and leave the spare tire carrier down.
- ⑮ Remove the davit. (It is attached to the back of cab.) (Not shown)
- ⑯ Remove the windshield wipers and stow the bolts and blades in the cab. (Not shown)

Figure 3-12. Truck prepared (Continued)



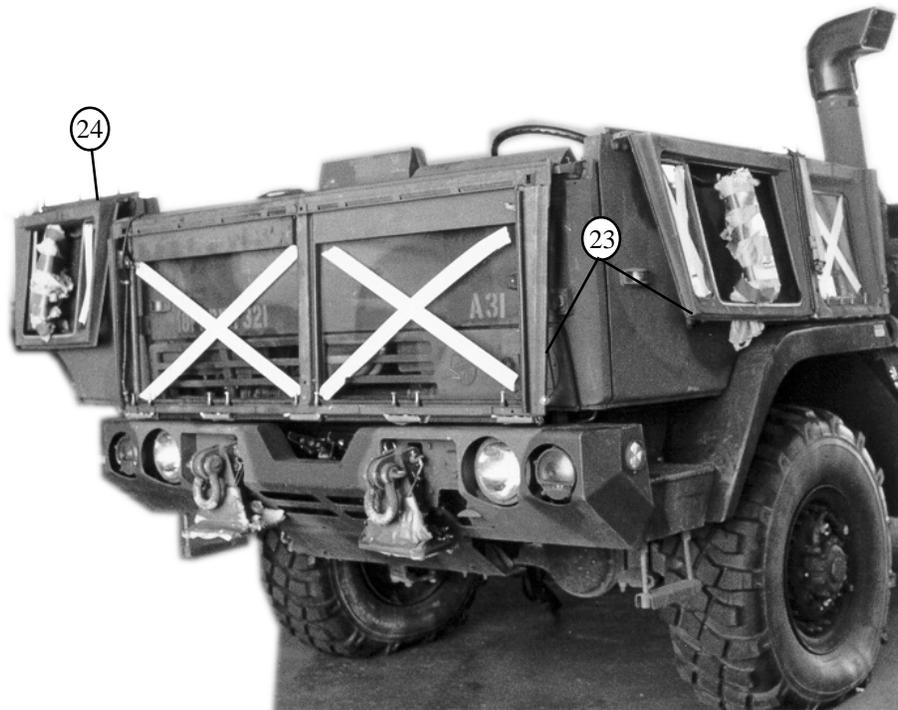
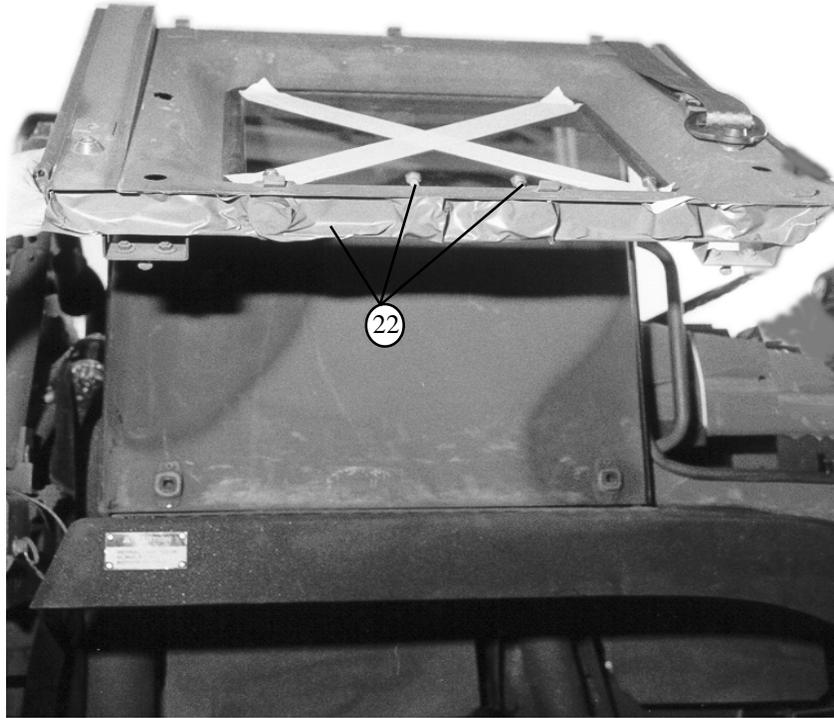
- ①7 Remove the front support brackets from under the bed of the truck.
- ①8 Install them on the front of the vehicle and wrap the outside edges with cellulose wadding and tape.

Figure 3-12. Truck prepared (Continued)



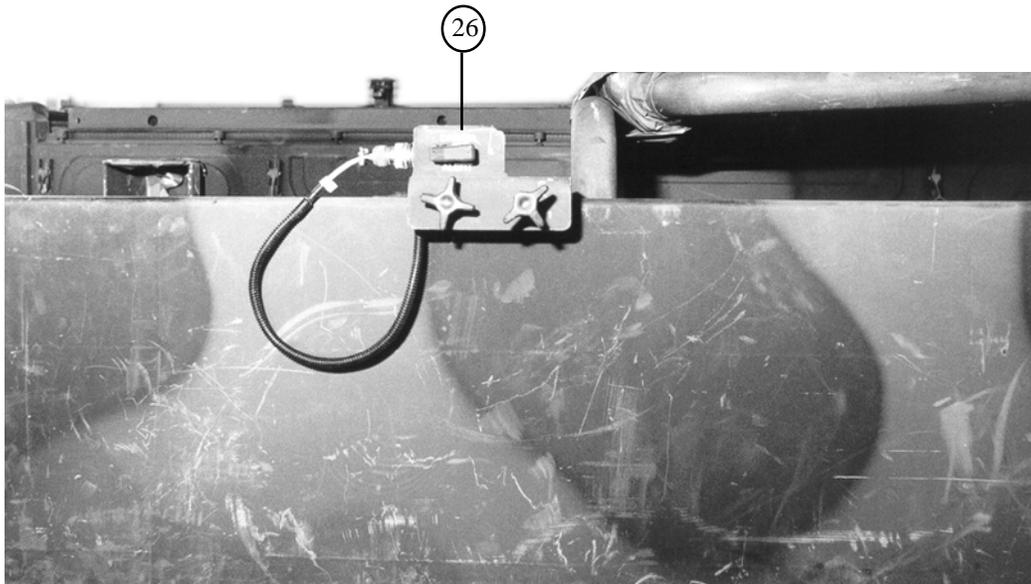
- ① Secure the chock blocks in cab or in storage box.
- ② Lower the seats and secure with type III nylon cord.
- ③ Secure the fire extinguisher with type III nylon cord. (Not shown)

Figure 3-12. Truck prepared (Continued)



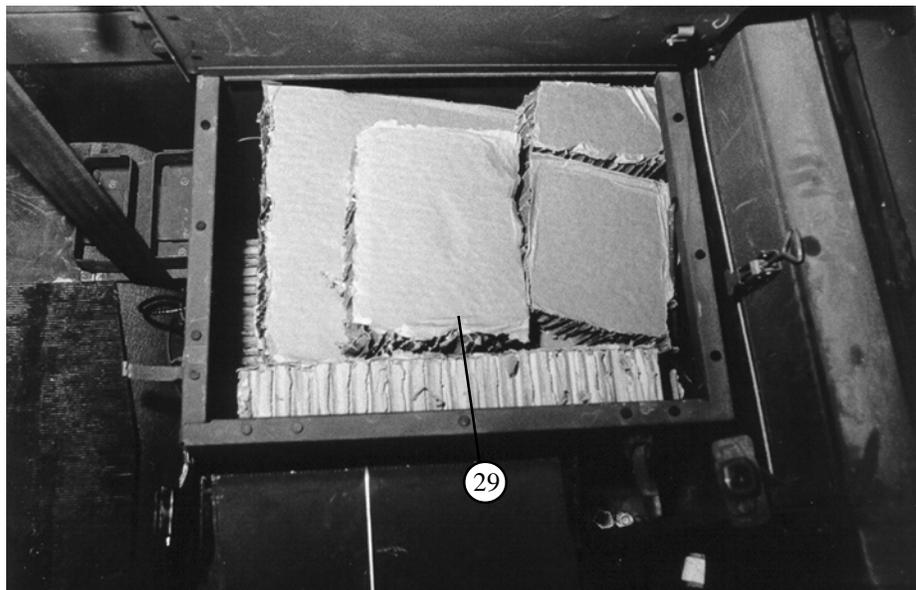
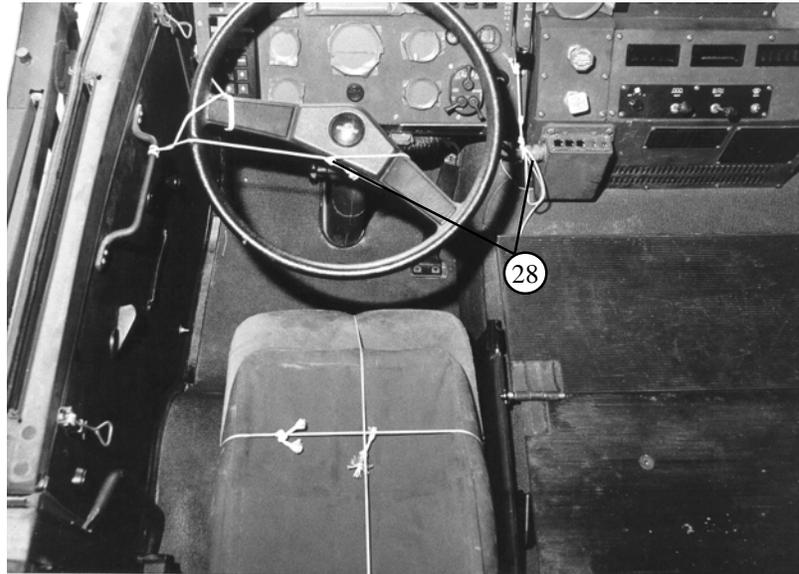
- ②② Remove the roof and secure the roof bolts with tape.
- ②③ Fold down the windows, windshield and rear of the cab.
- ②④ Roll the windows down.

Figure 3-12. Truck prepared (Continued)



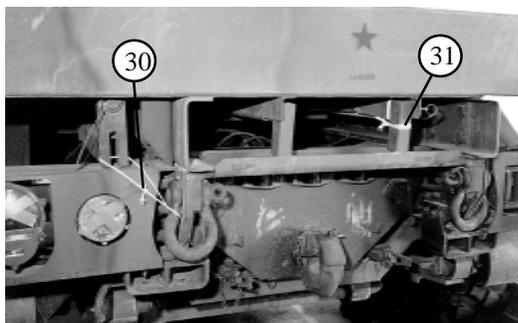
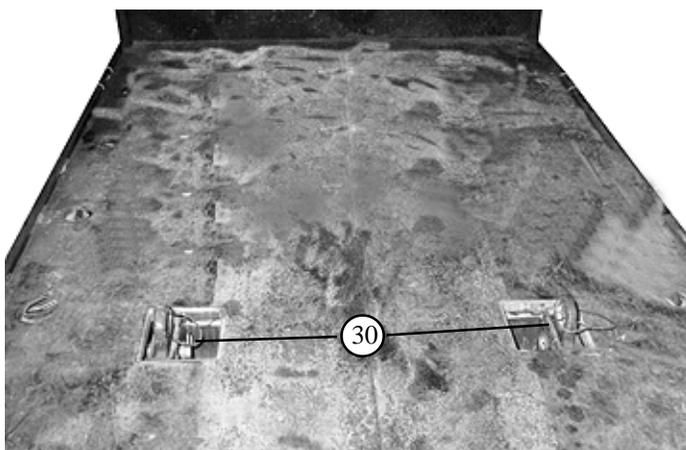
- ②5 Remove the air intake stack. Wrap it with cellulose wadding and stow in the cab.
- ②6 Remove the driver alert switch and stow in the cab. Tape the electrical connection.
- ②7 Remove the sunvisors and stow in the cab. (Not shown)

Figure 3-12. Truck prepared (Continued)



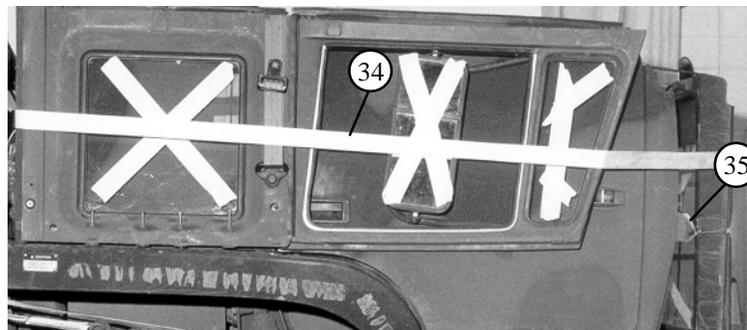
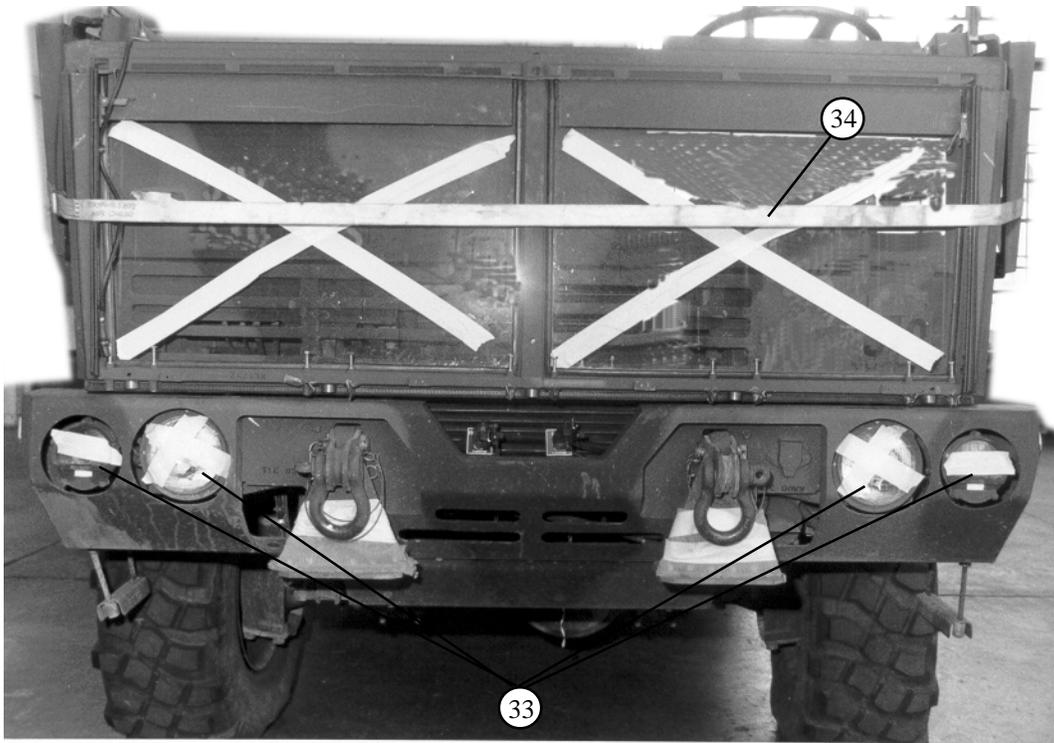
- ②⑧ Secure the steering wheel and hand throttle with type III nylon cord.
- ②⑨ Fill the driver and passenger storage boxes with honeycomb.

Figure 3-12. Truck prepared (Continued)



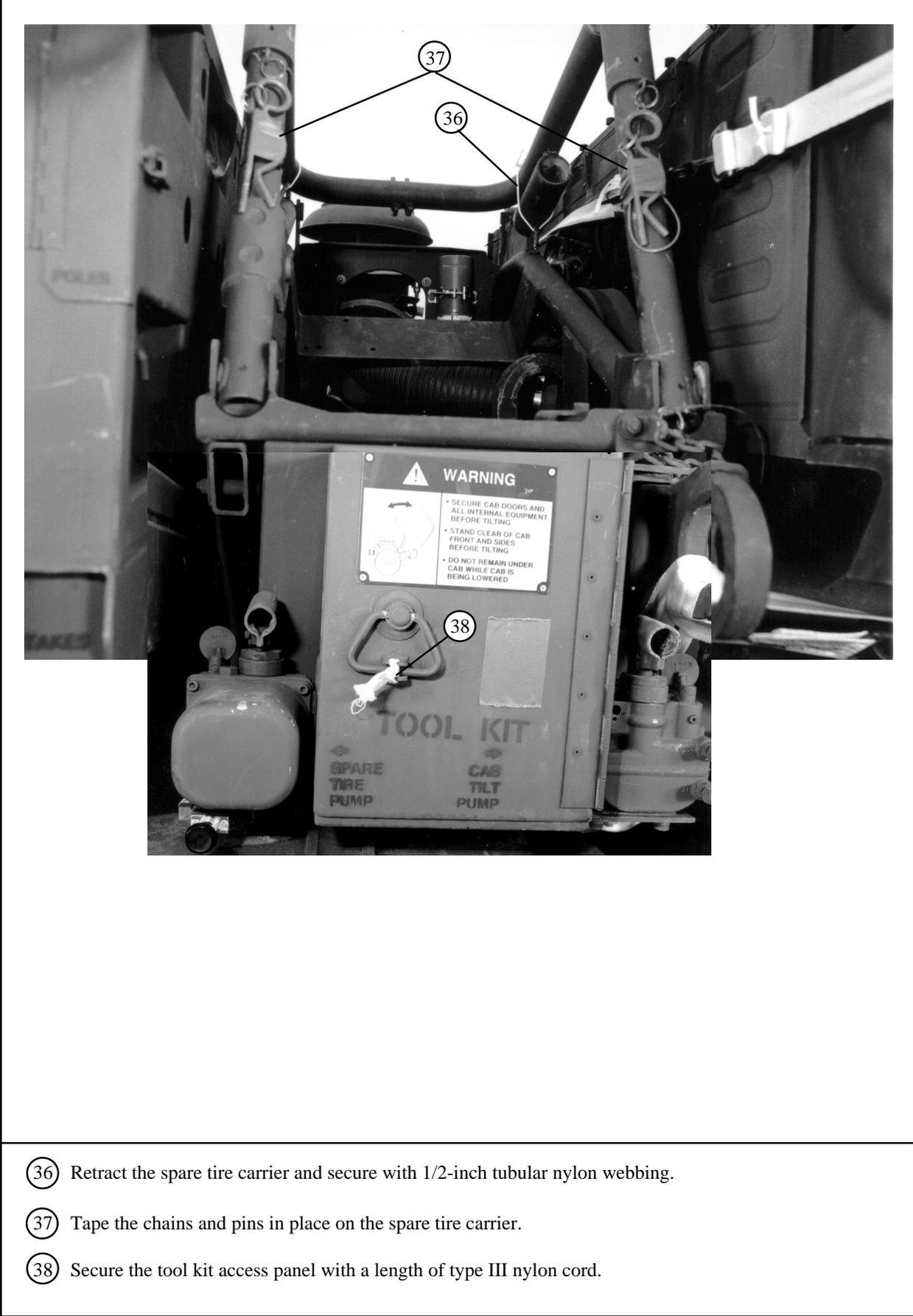
- ③① Safety the left and right rear lifting pins (located on the truck bed near the rear with cover over them) with type III nylon cord. Route the type III nylon cord through the safety pin pull ring and around the safety pin. Stow the covers in the cab.
- ③② Secure the ladder in place with a length of 1/2 -inch tubular nylon webbing.
- ③③ Secure the tow bar on the left side of the truck with a piece of type III nylon cord to the top left rear tie-down point.

Figure 3-12. Truck prepared (Continued)



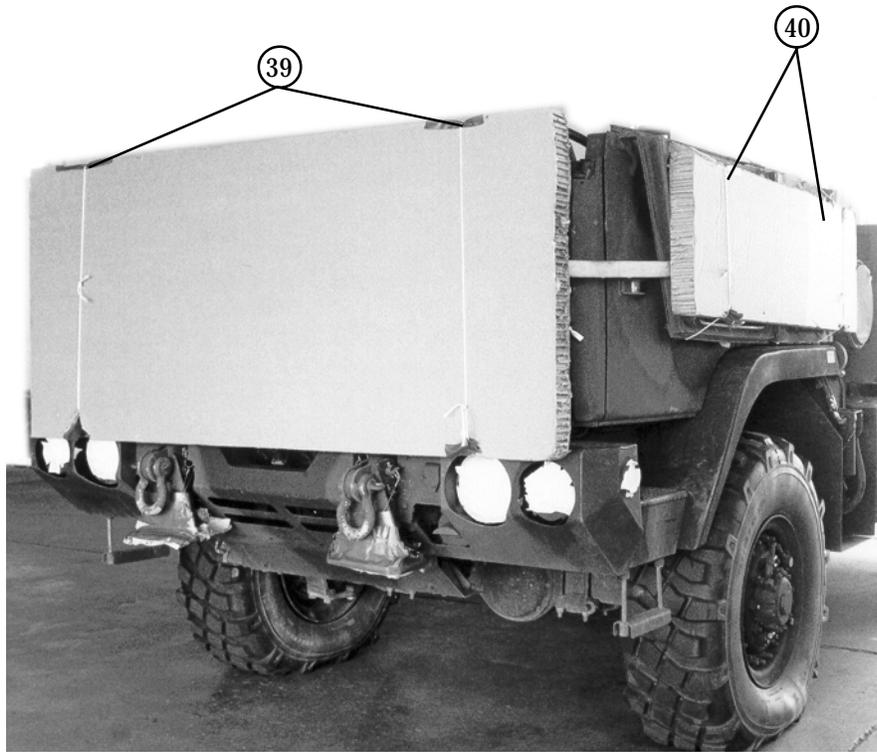
- ③③ Tape all lights, reflectors, and windows and pad mirrors with cellulose wadding and tape.
- ③④ Route a 30-foot lashing around the cab and secure with a loadbinder and D-rings in the rear of the cab. (Ensure D-rings do not come in contact with the glass).
- ③⑤ Secure the windshield to the left and right windshield stops with 1/2 -inch tubular nylon webbing.

Figure 3-12. Truck prepared (Continued)



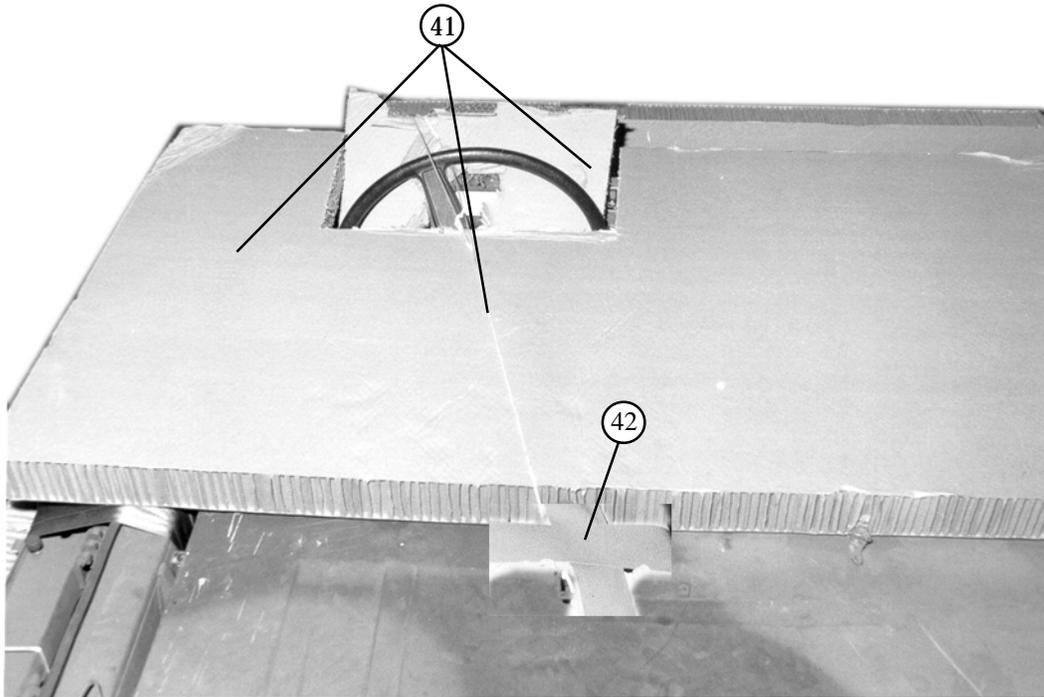
- 36 Retract the spare tire carrier and secure with 1/2-inch tubular nylon webbing.
- 37 Tape the chains and pins in place on the spare tire carrier.
- 38 Secure the tool kit access panel with a length of type III nylon cord.

Figure 3-12. Truck prepared (Continued)



- ③⑨ Place a 36- by 80-inch piece of honeycomb on the windshield. Secure it with two lengths of type III nylon cord.
- ④⑩ Place one 18- by 60-inch piece of honeycomb on the left side window and one piece on the right side window. Secure each with two lengths of type III nylon cord.

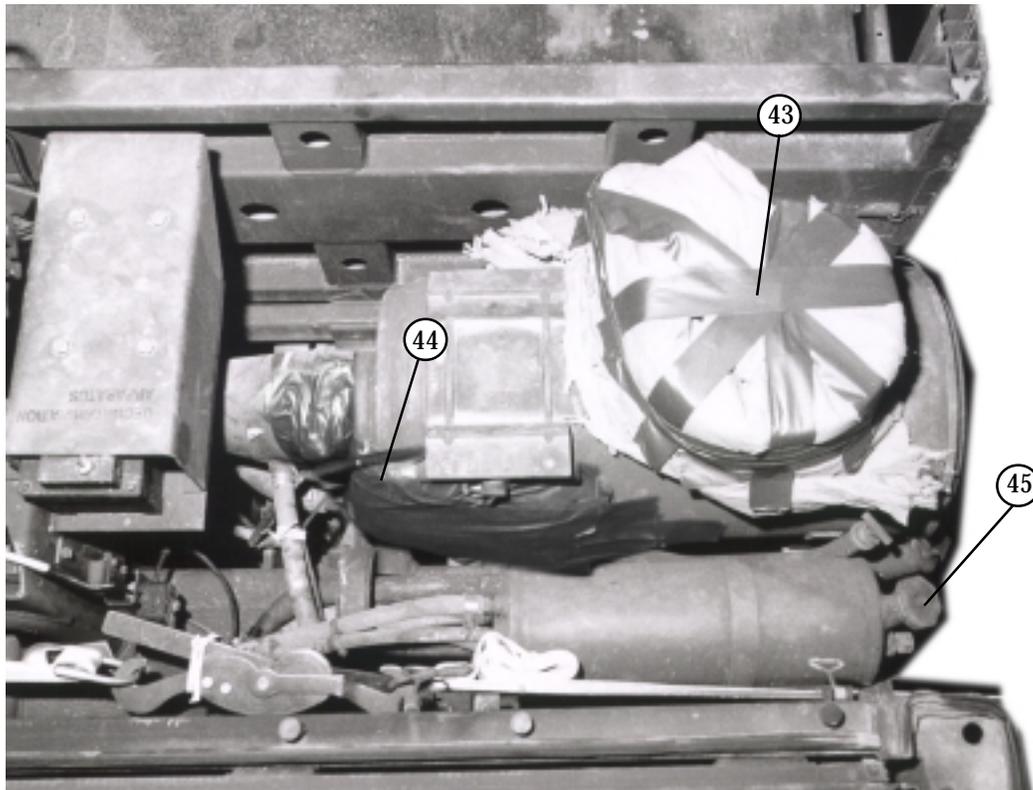
*Figure 3-12. Truck prepared (Continued)*



- ④① Place a 36- by 96-inch piece of honeycomb over the driver's compartment. Cut out a section (approximately 12- by 21-inches) for the steering wheel and place it over the instrumentation panel in the cab. Secure both pieces with type III nylon cord.
- ④② Pad the davit holders with cellulose wadding and secure with cloth-backed tape.

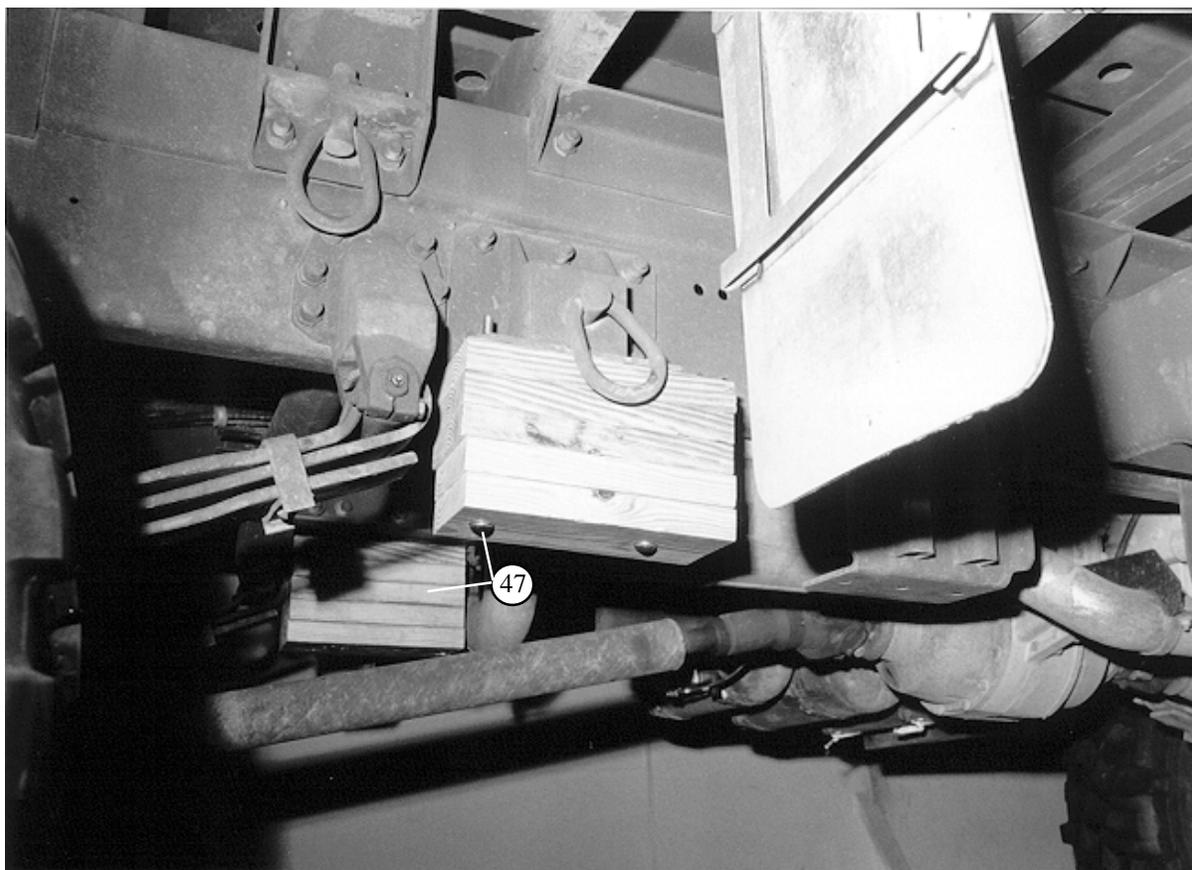
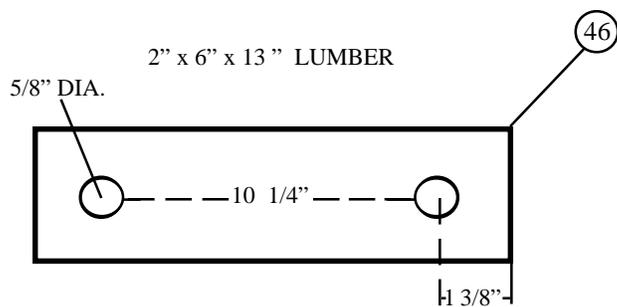
Figure 3-12. Truck prepared (Continued)

**Note:** Hoses that will interfere with the attaching of the suspension slings should be tied back.



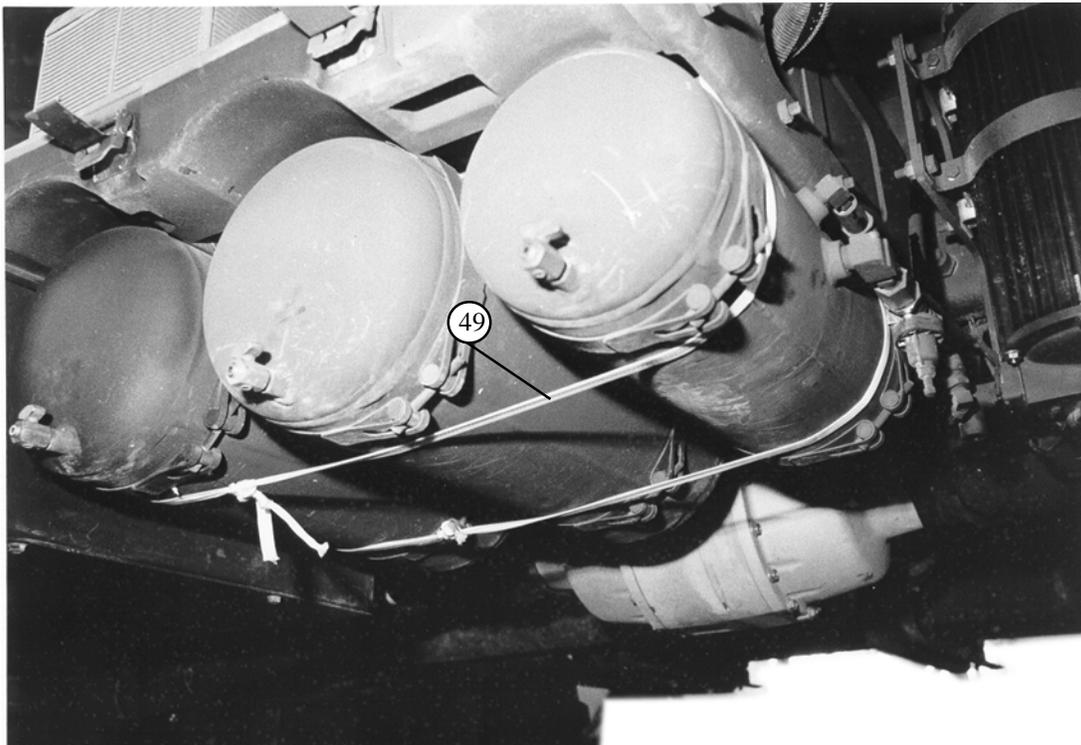
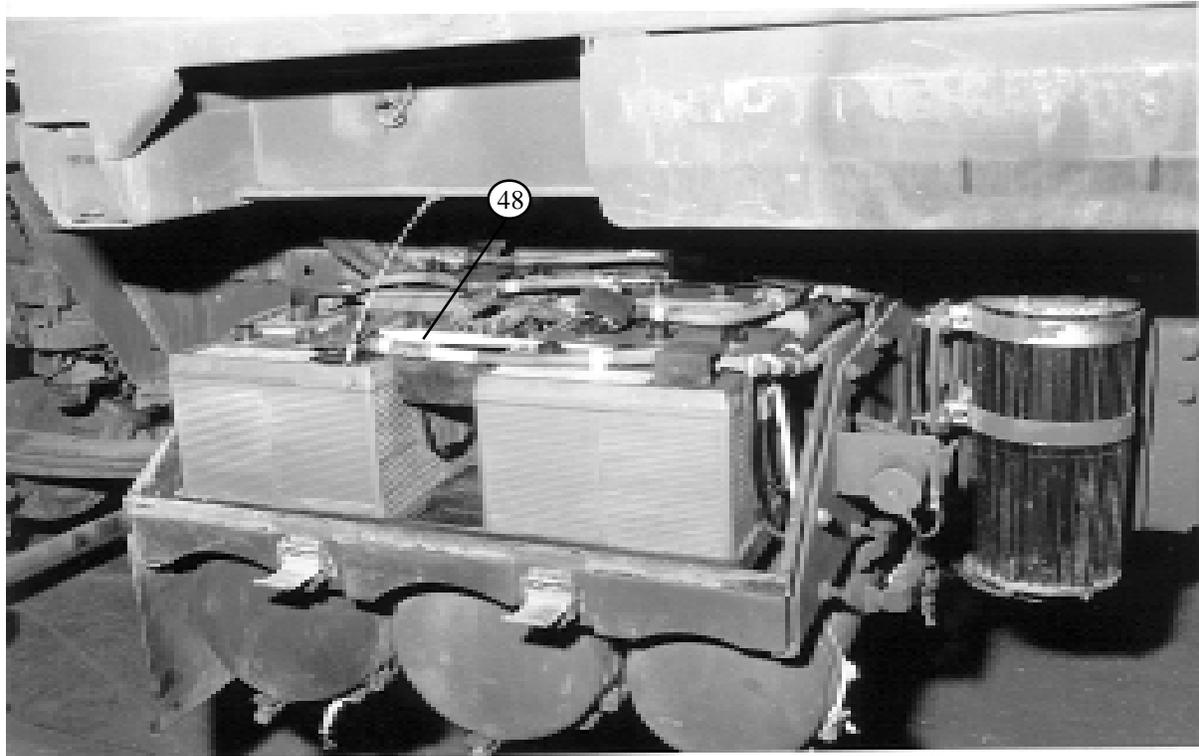
- ④3 Wrap the air intake fitting with cellulose wadding and secure with cloth-backed tape. Secure the end hose out of the way with type III nylon cord.
- ④4 Pad the lower air intake fitting with felt and secure with cloth-backed tape.
- ④5 Ensure the radiator pressure cap is secure.

*Figure 3-12. Truck prepared (Continued)*



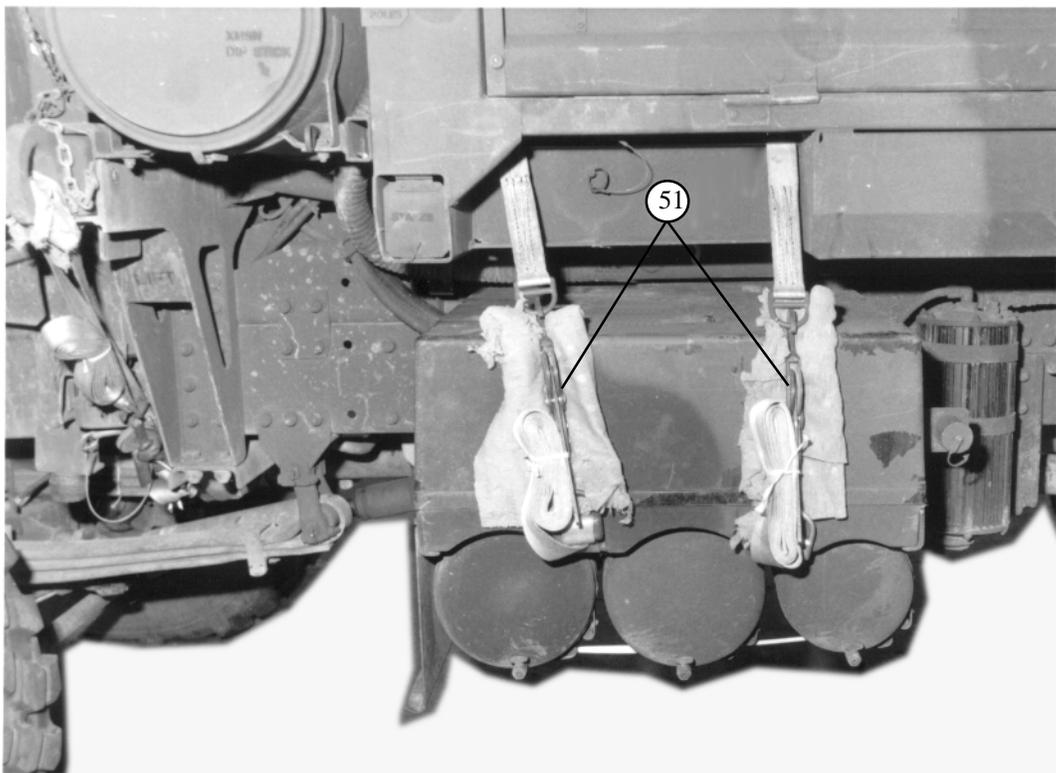
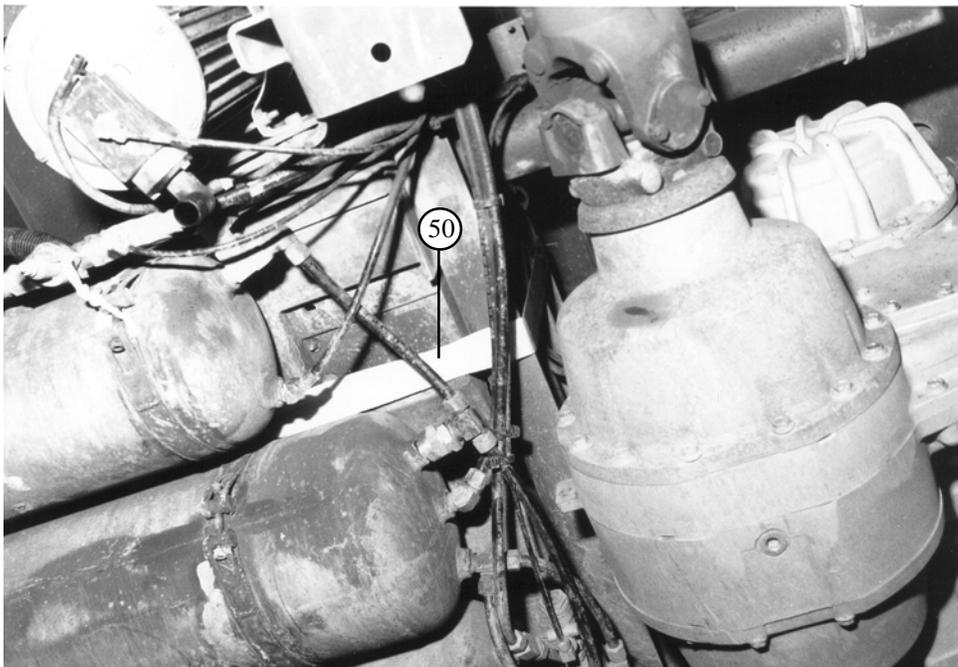
- ④6 Cut ten 2-by 6-by 13-inch pieces of lumber. Drill two 5/8-inch diameter holes 1 3/8-inches from the edge, with a 10 1/4-inch center to center hole measurement in each piece of lumber.
- ④7 Bolt five 2-by 6-by 13-inch pieces of lumber to the left and right side frame pads using two 1/2-by 10-inch bolts on each side.

Figure 3-12. Truck prepared (Continued)



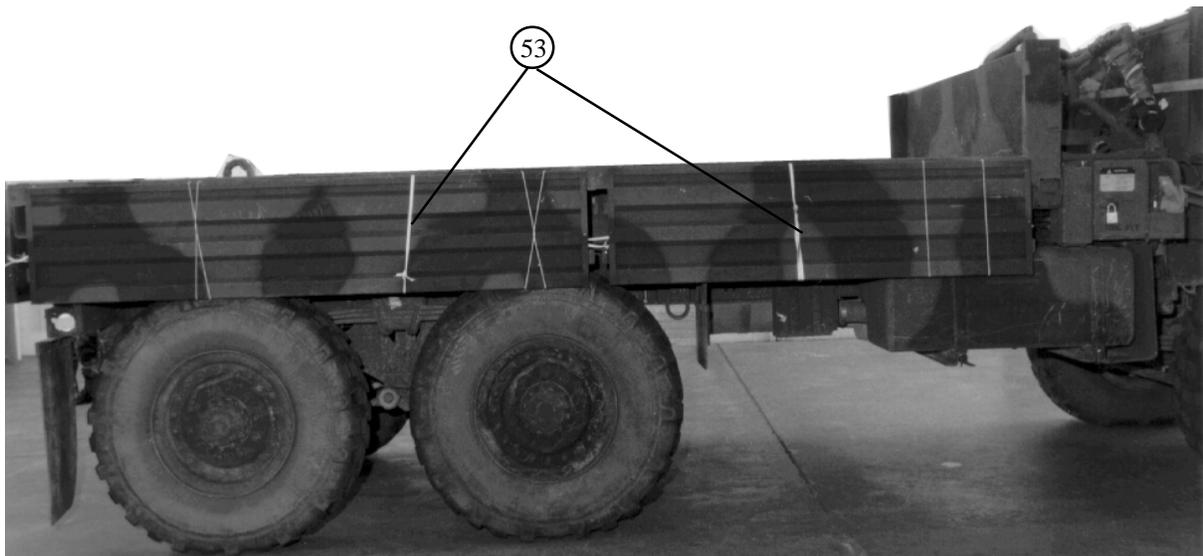
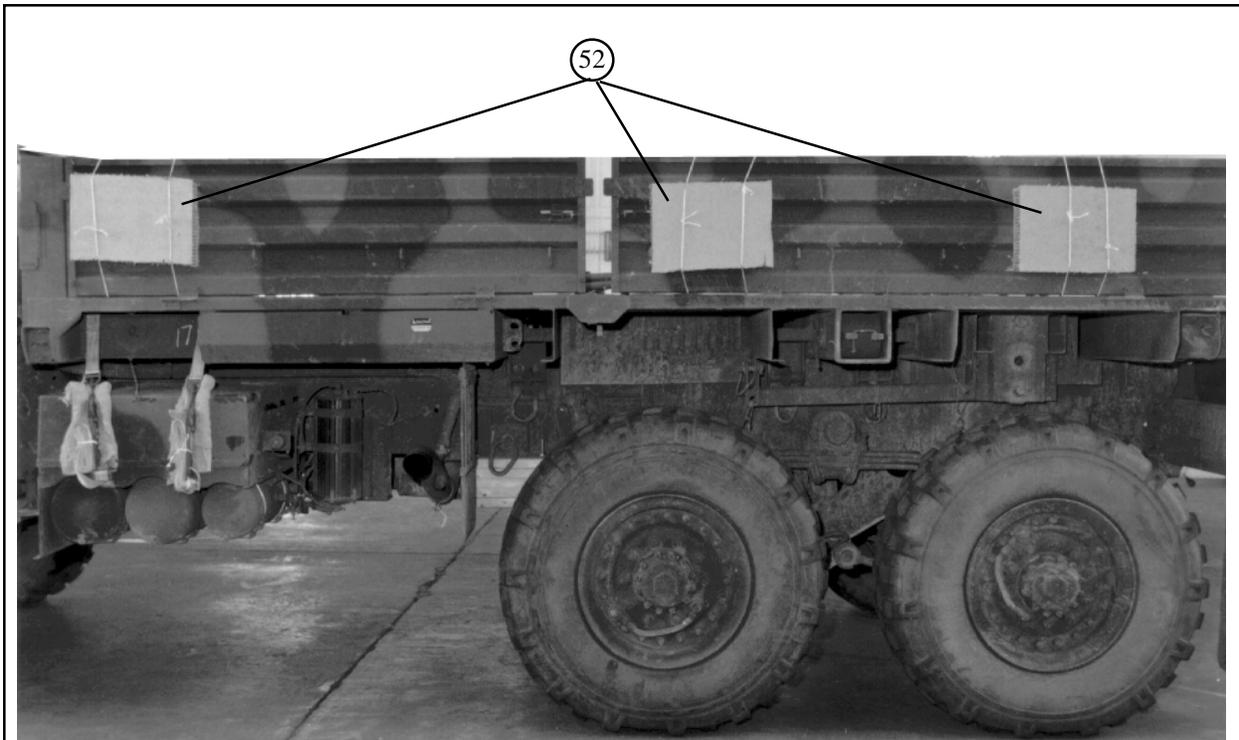
- ④8 Remove the battery box cover and secure the batteries in place with two lengths of 1/2-inch tubular nylon webbing.
- ④9 Run the nylon webbing over the batteries down through the battery box and under the air tanks.

Figure 3-12. Truck prepared (Continued)



- ⑤① Replace the cover. Route two 15-foot lashings around the main frame, under the battery box, between the air tanks. Ensure hoses are not crimped.
- ⑤① Secure with D-ring and loadbinder on top of battery box. Pad with felt or cellulose wadding.

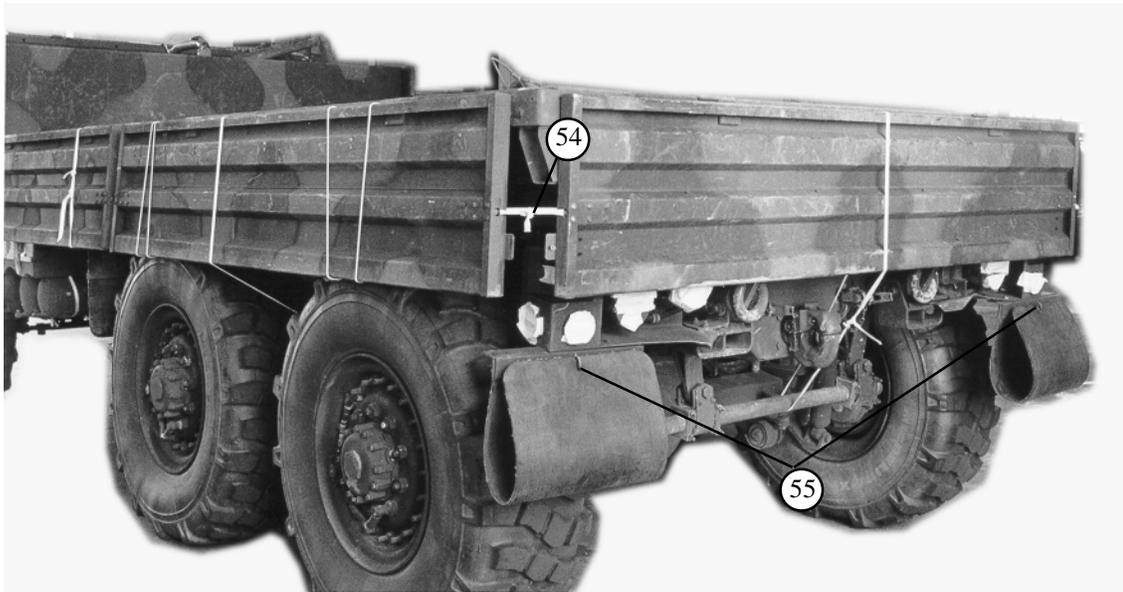
Figure 3-12. Truck prepared (Continued)



- ⑤2 Raise the side panels and place an 11- by 16-inch piece of honeycomb on each contact point. Position the pieces on the front panels where they will come in contact with the fuel tank and battery box. Place the honeycomb on the rear panels where they will come in contact with both sets of tires. Secure the honeycomb in place with type III nylon cord.
- ⑤3 Secure the side panels and tailgate down using 1/2-inch tubular nylon webbing and tie to convenient locations on the truck.

**Note:** Steps 52 and 53 must be secured very well. No slippage of the ties is allowed. If the ties are not secure, damage to the side panels will occur.

Figure 3-12. Truck Prepared (Continued)

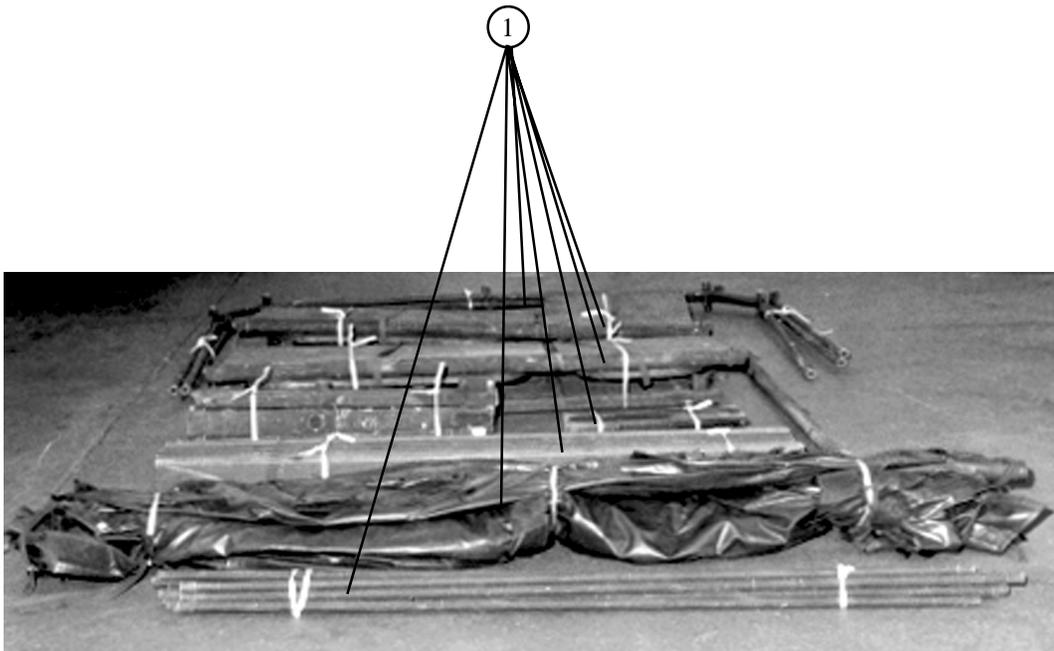


- ⑤④ Using 1/2-inch tubular nylon webbing, tie the corners of the rear side panels and tailgate together. Tie the front of the forward side to convenient locations on the truck.
- ⑤⑤ Tie the mud flaps up with type III nylon cord.

Figure 3-12. Truck Prepared (Continued)

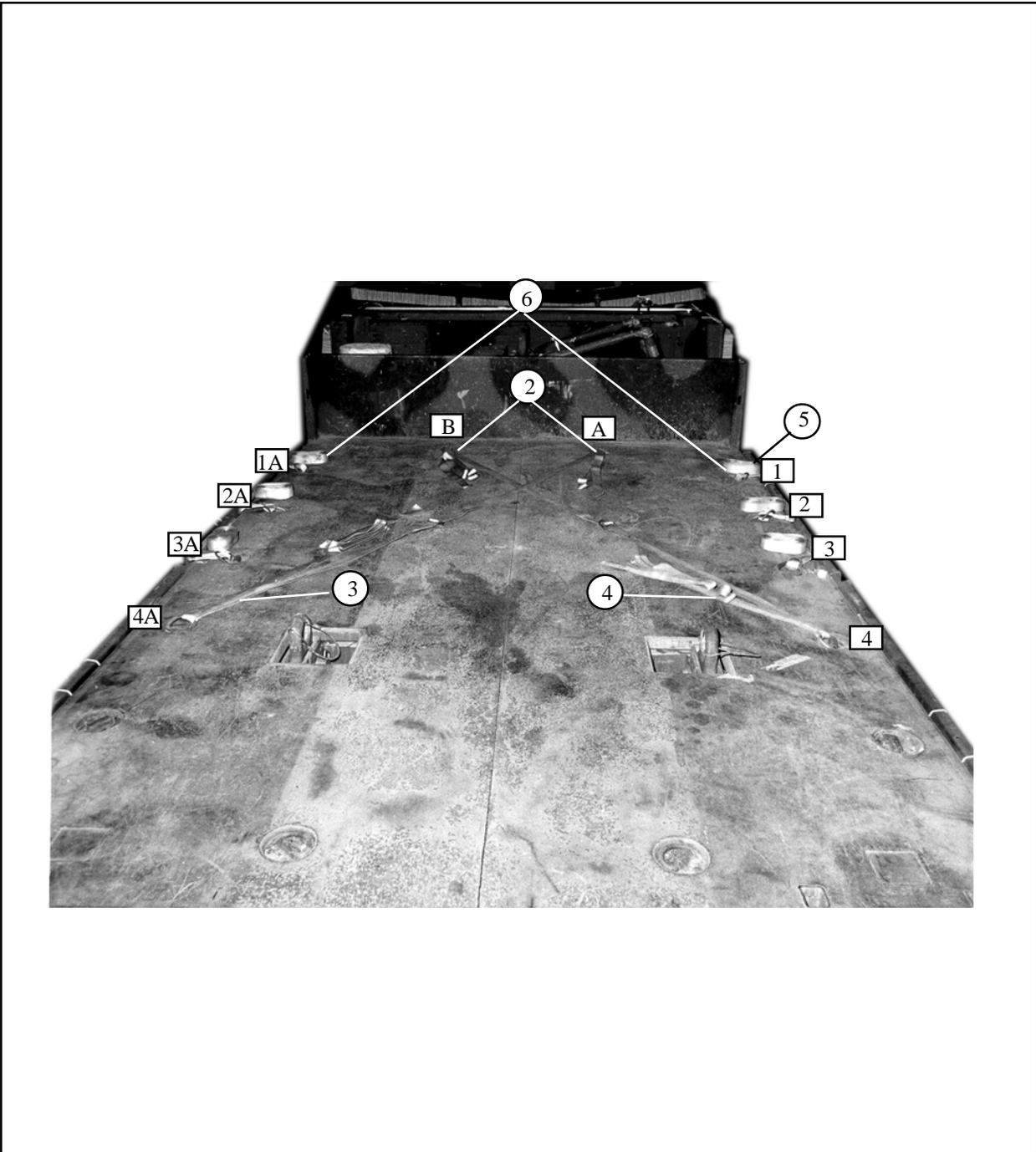
### 3-6. Stowing Basic Load

Basic accompanying load consists of the roof, spare tire, tire strap, davit, cargo/troop carrier cover, bows, cargo/troop carrier cover poles, bed stakes, seat bars, seats and side rails. Stow the vehicle parts as shown in *Figure 3-13*.



- ① Tie each like item together using 1/2-inch tubular nylon webbing, except the seats. They will be tied into two sets of two seats each.

*Figure 3-13. Basic load stowed*



- ② Starting at the front of the truck bed, label the right side truck bed tiedown rings 1 through 4 and the left side 1A through 4A. Label the front center truck rings as A and B.
- ③ Route a 30-foot lashing from bed ring A to 4A .
- ④ Route a 30-foot lashing from bed ring B to 4 .
- ⑤ Route a 15-foot lashing through the truck bed tiedown ring 1, and through it's own D-ring. Lay it to the vehicle's side or roll it up and lay it to the side.
- ⑥ Repeat for truck bed tiedown rings 2, 3, 1A, 2A and 3A.

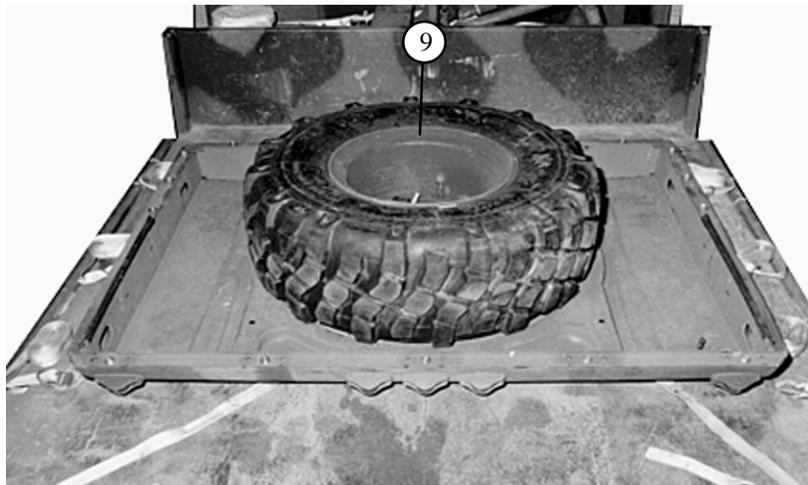
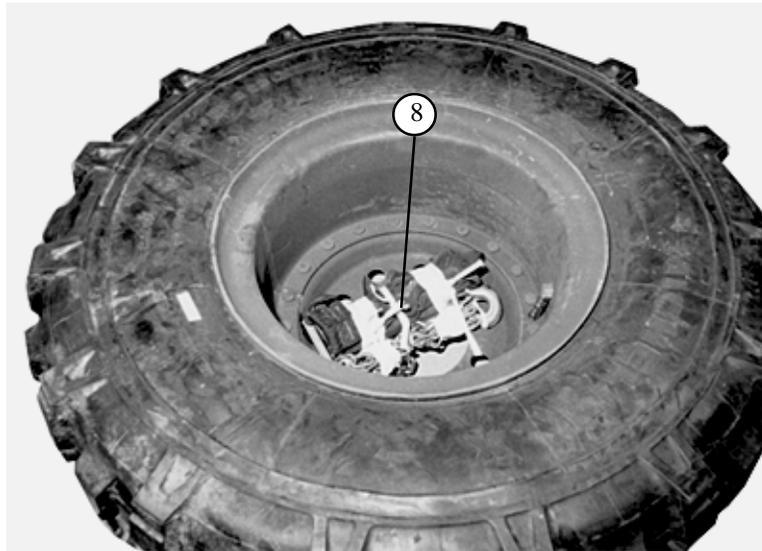
Figure 3-13. Basic load stowed (Continued)

**NOTE:** Before positioning roof, make sure that all tiedown rings are laying to the outside of the truck bed.



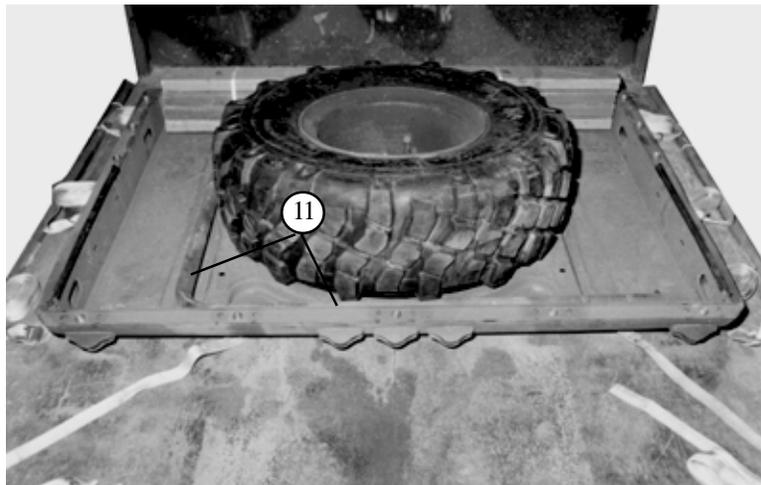
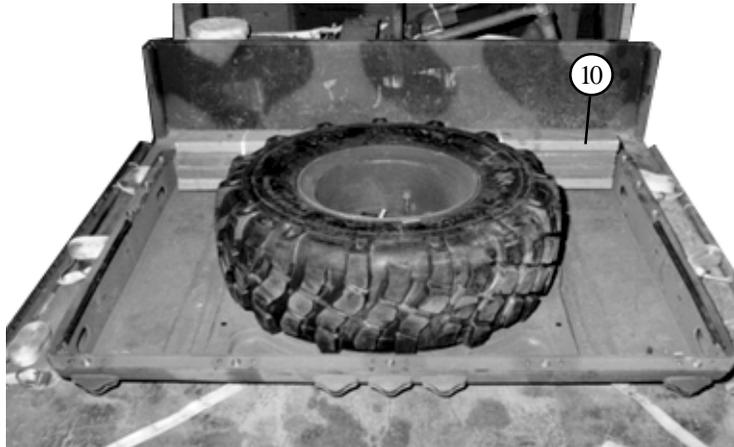
- ⑦ Position the roof upside down and centered between truck bed tiedown rings 1, 2, 3, 1A, 2A, and 3A, with the lights facing the rear of the vehicle.

*Figure 3-13. Basic load stowed (Continued)*



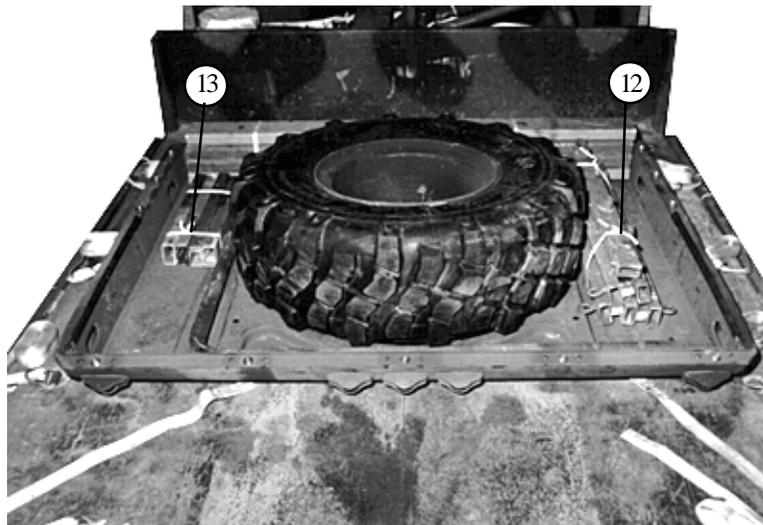
- ⑧ Roll and tape the tire strap. Secure it in the spare tire using 1/2-inch tubular nylon webbing.
- ⑨ Position the spare tire in the center of the roof.

*Figure 3-13. Basic load stowed (Continued)*



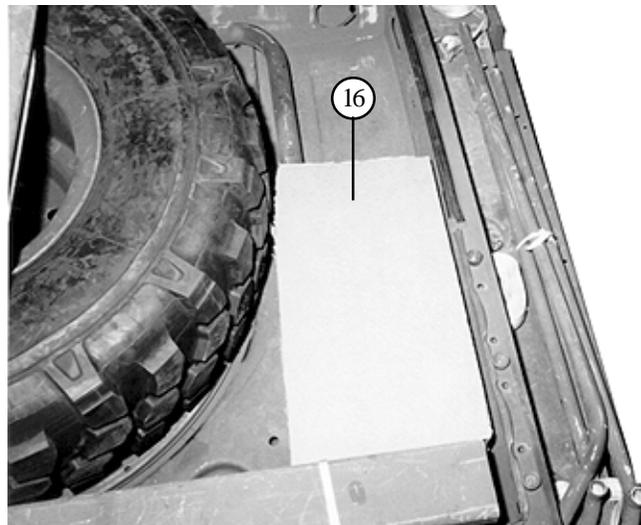
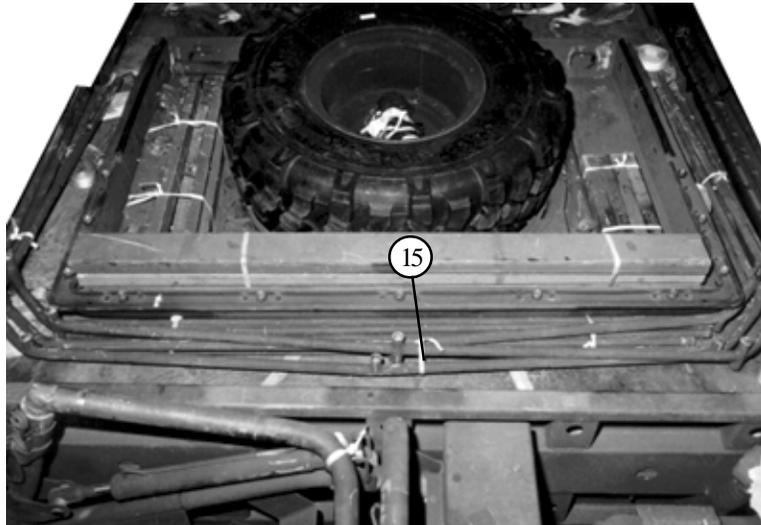
- ⑩ Position the side rails inside the roof in front of the spare tire.
- ⑪ Position the davit to the rear of the spare tire.

Figure 3-13. Basic load stowed (Continued)



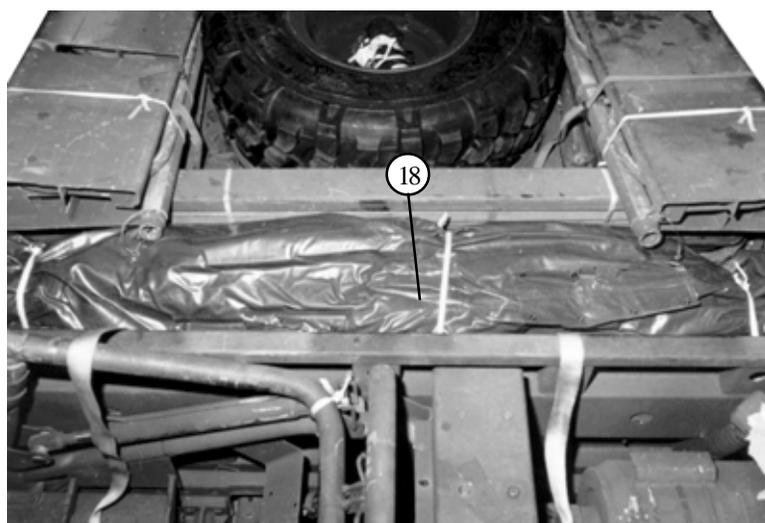
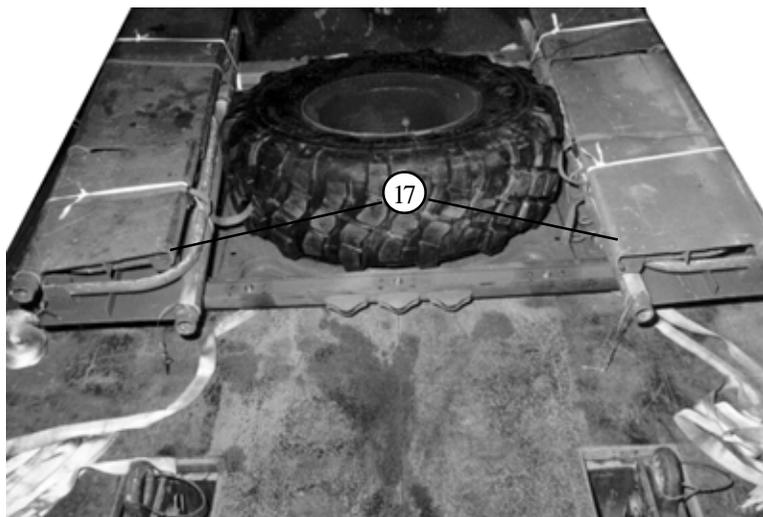
- ⑫ Place the seat bars inside the roof and to the right of the spare tire.
- ⑬ Place the bed stakes inside the roof and to the left of the spare tire.
- ⑭ Place the cargo/troop carrier cover poles in the pole holder in the front of the truck bed. (Not shown)

*Figure 3-13. Basic load stowed (Continued)*

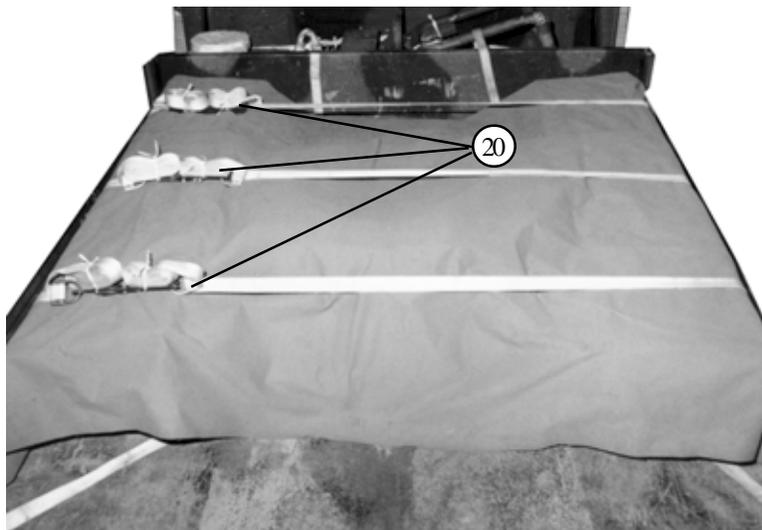
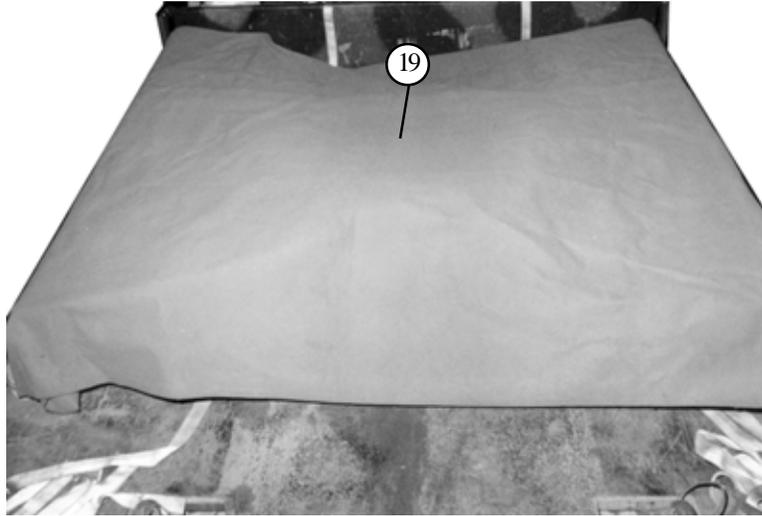


- ⑮ Position the bows in front and around the roof.
- ⑯ Position two pieces of honeycomb on the bed stakes to create a level surface.

Figure 2-13. Basic load stowed (Continued)

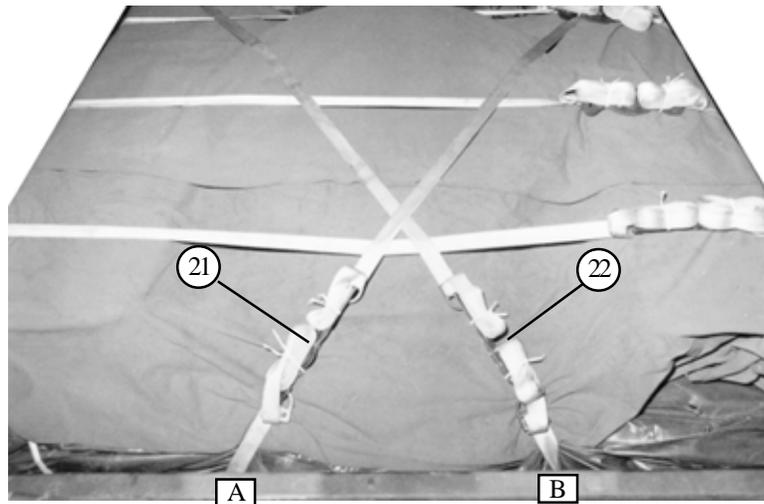


- ①⑦ Position one set of the seats to the left side and one set to the right side of the spare tire.
- ①⑧ Position the cargo/troop carrier cover to the front outside of the roof.



- ①⑨ Position the canvas over the basic load.
- ②⑩ Secure the lashings on top of the seats on the left side, lashing 1 to 1A, 2 to 2A, and 3 to 3A over the basic load. (Ensure the bows are outside the lashings to prevent bending.)

*Figure 3-13. Basic load stowed (Continued)*



- ②1 Secure the 30-foot lashing routed from truck bed center tiedown rings A to 4A.
- ②2 Secure the 30-foot lashing routed from truck bed center tiedown rings B to 4.
- ②3 Secure the bows to 2 and 2A with 1/2-inch tubular nylon webbing. (Not shown).

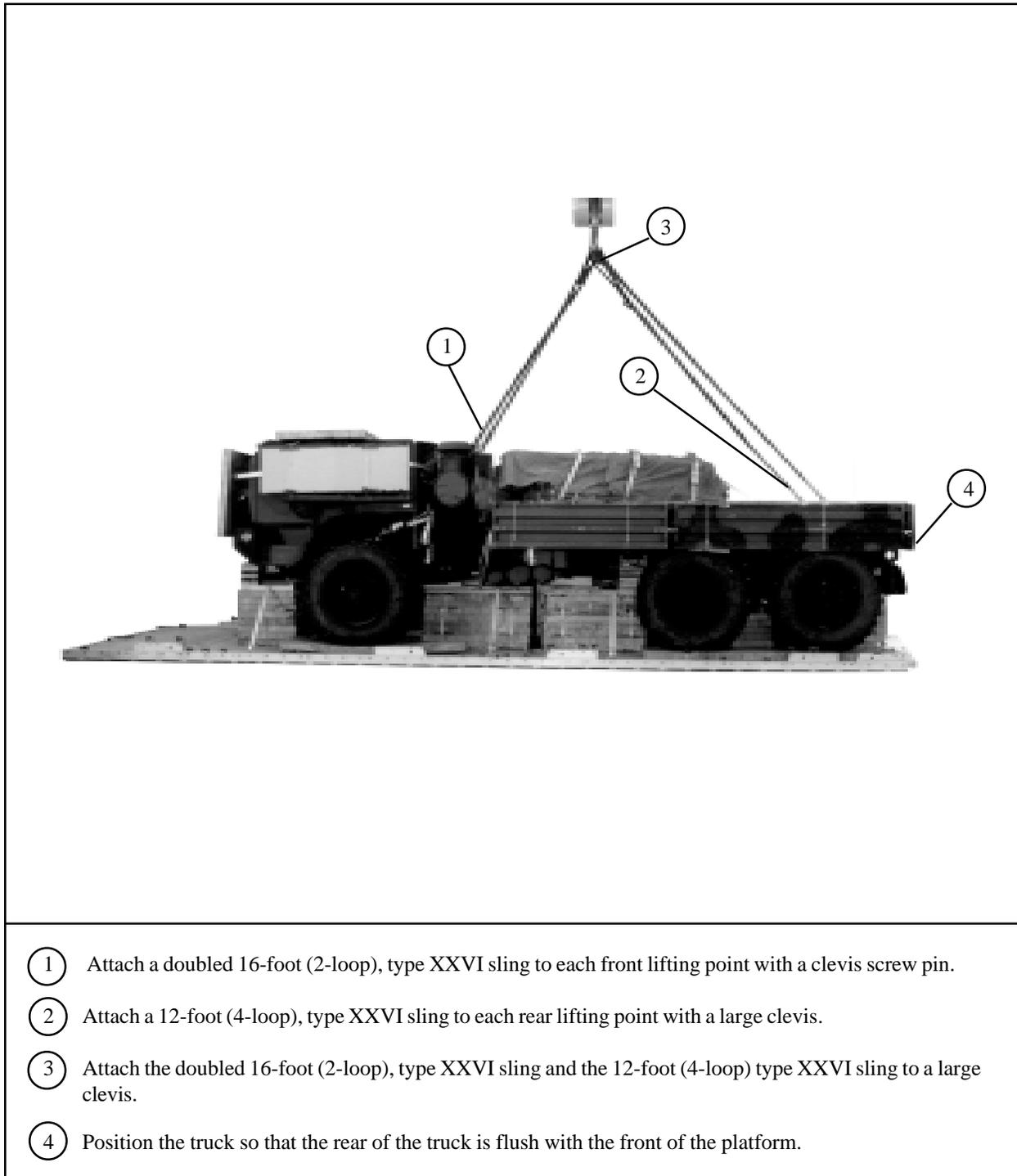
Figure 3-13. Basic load stowed (Continued)

### 3-7. Lifting and Positioning Truck

Install lifting slings on the M1093 truck and position the truck as shown in *Figure 3-15* and as described below.

*a.* Construct a lifting kit using a large clevis and a doubled 16-foot (2-loop), type XXVI sling attached to the front lifting points with clevis screw pin on each side. Attach a 12-foot (4-loop), type XXVI sling to each rear lifting points with a large clevis.

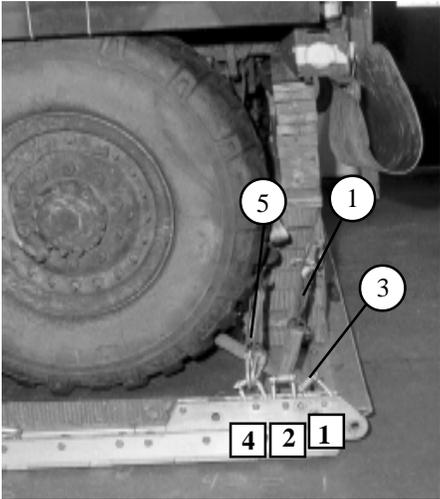
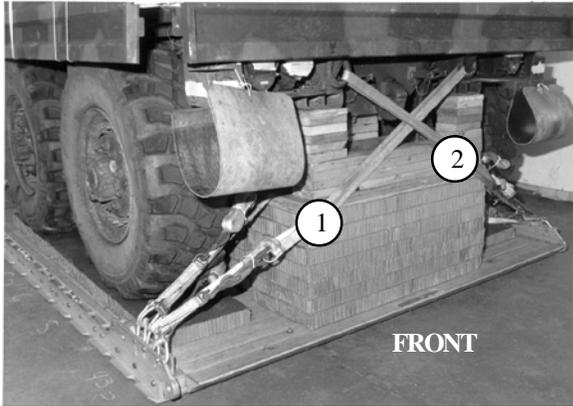
*b.* Position the M1093 truck so that the rear of the truck is flush with the front of the platform. All references to front and rear will be according to the platform front and rear once the vehicle is placed on the platform.



*Figure 3-14. Truck positioned on the platform*

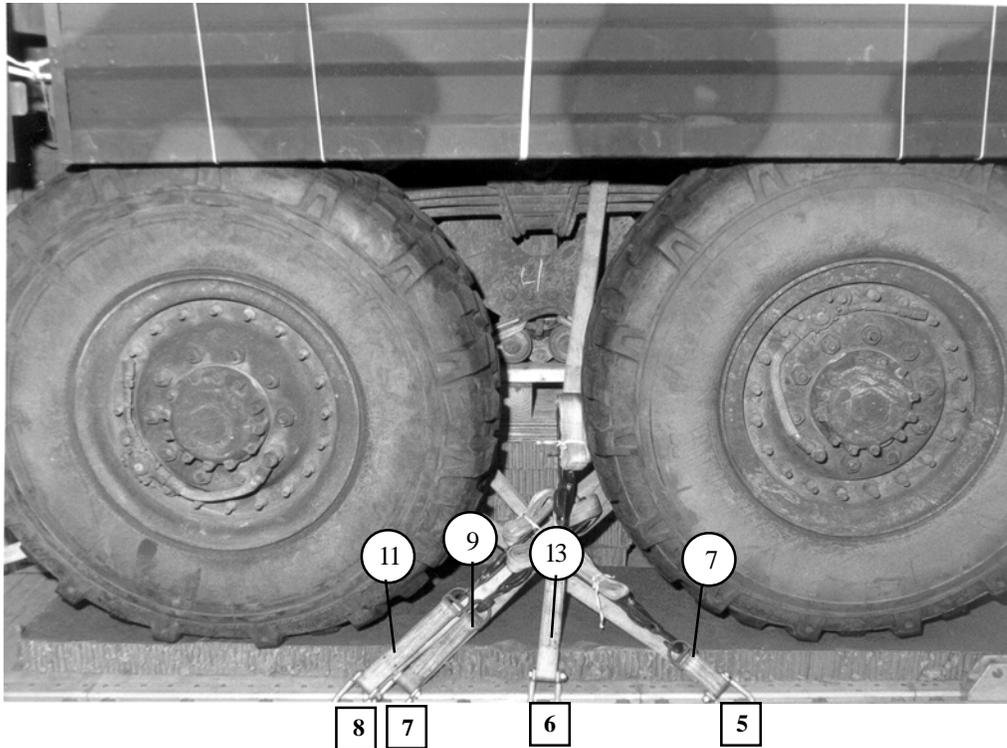
**3-8. Installing Lashings**

Install lashings according to FM 10-500-2/TO 13C7-1-5 and as shown in *Figure 3-15*.

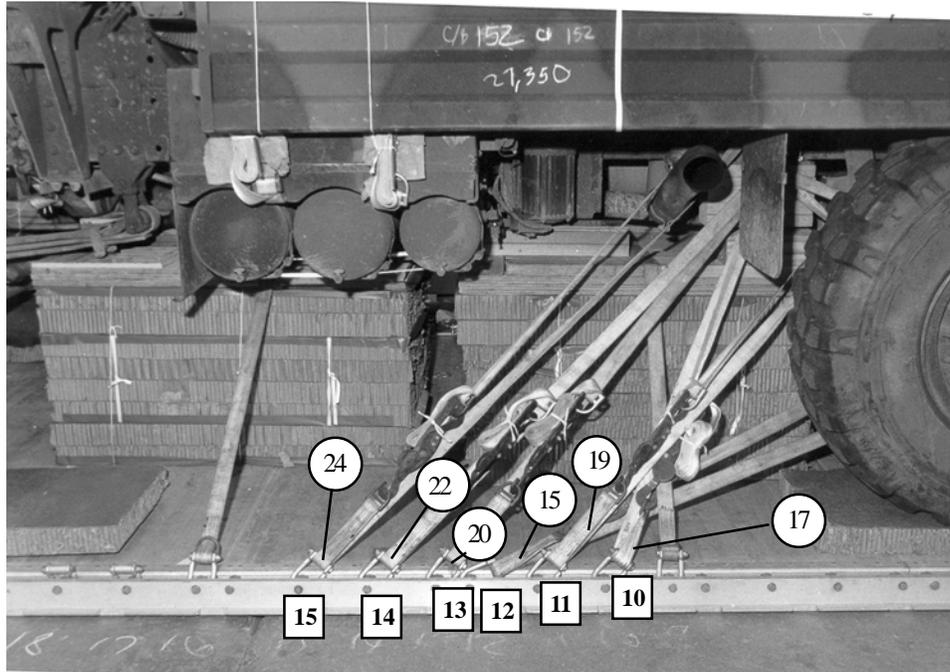
Lashing Number	Tiedown Clevis Number	Instructions
1	2	<p><b>Pass lashing:</b></p> <p><b>To left side rear tiedown point.</b></p> <p><b>To right side rear tiedown point.</b></p> <p><b>Behind the rear wheel, under the axle to tiedown point #4 on the left side.</b></p> <p><b>Behind the rear wheel, under the axle to tiedown point #4 on the right side.</b></p> <p><b>To the stabilizer right side.</b></p> <p><b>To the stabilizer left side.</b></p>
2	2A	
3	1	
4	1A	
5	4	
6	4A	

*Figure 3-15. Truck positioned and lashed to the platform*



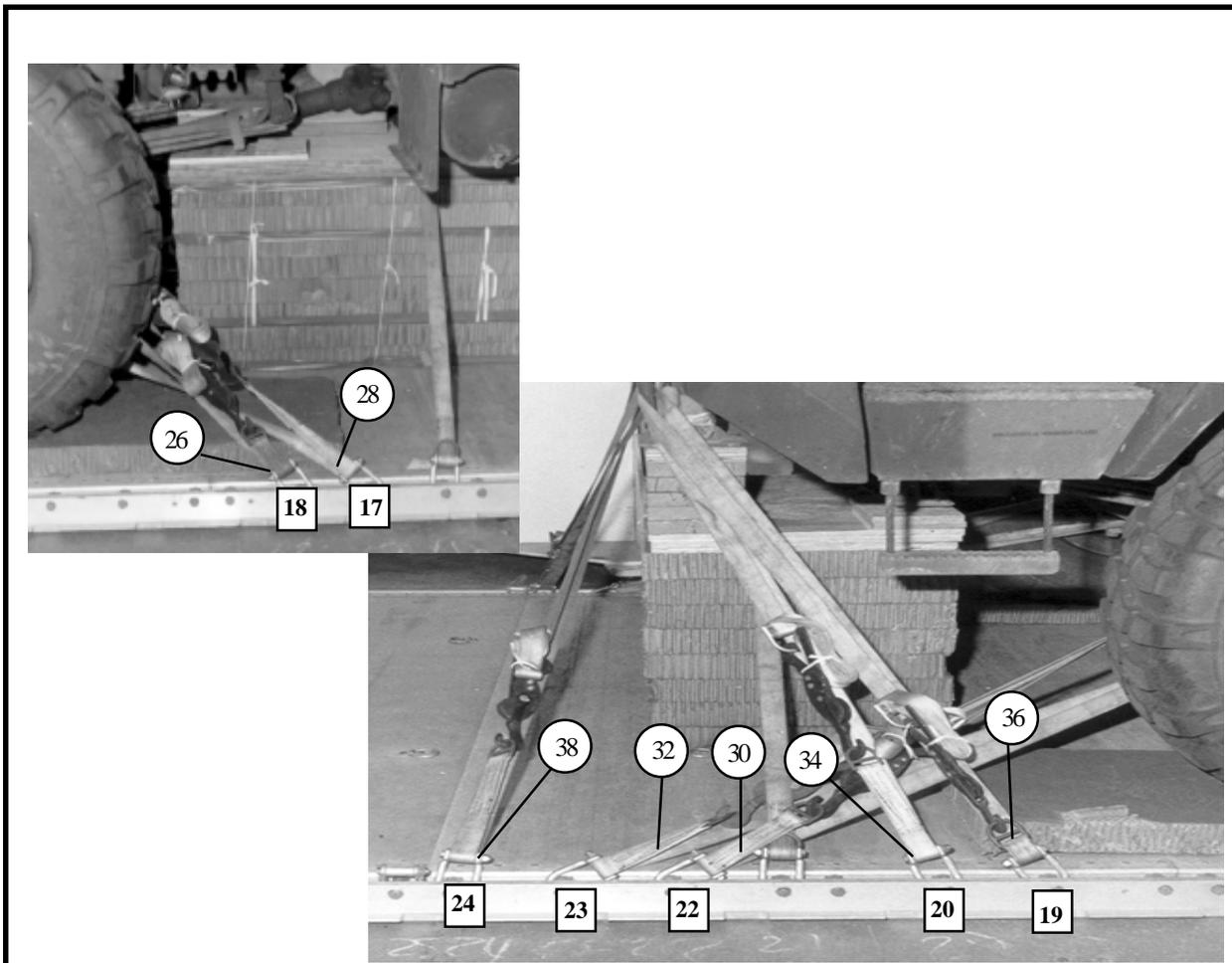
Lashing Number	Tiedown Clevis Number	Instructions
7	5	<b>Pass lashing:</b> Behind the center wheel, under the axle and to tiedown point #1 on the left side.
8	5A	Behind the center wheel, under the axle and to tiedown point #1 on the right side.
9	7	Around right rear axle.
10	7A	Around left rear axle.
11	8	Around right rear axle.
12	8A	Around left rear axle.
13	6	Around leaf spring on right side.
14	6A	Around leaf spring on left side.

Figure 3-15. Truck positioned and lashed to the platform (Continued)



Lashing Number	Tiedown Clevis Number	Instructions
		<b>Pass lashing:</b>
15	12	Through tiedown point #4 on right side, underneath the axle.
16	12A	Through tiedown point #4 on left side, underneath the axle.
17	10	Through tiedown point #1 on right side.
18	10A	Through tiedown point #1 on left side.
19	11	Through tiedown point #3 on right side.
21	11A	Through tiedown point #3 on left side.
20	13	Through tiedown point #1 on right side.
21	13A	Through tiedown point #1 on left side.
22	14	Through tiedown point #1 on right side.
23	14A	Through tiedown point #1 on left side.
24	15	Through tiedown point #2 on right side, splitting exhaust pipe.
25	15A	Through tiedown point #2 on left side.

Figure 3-15. Truck positioned and lashed to the platform (Continued)

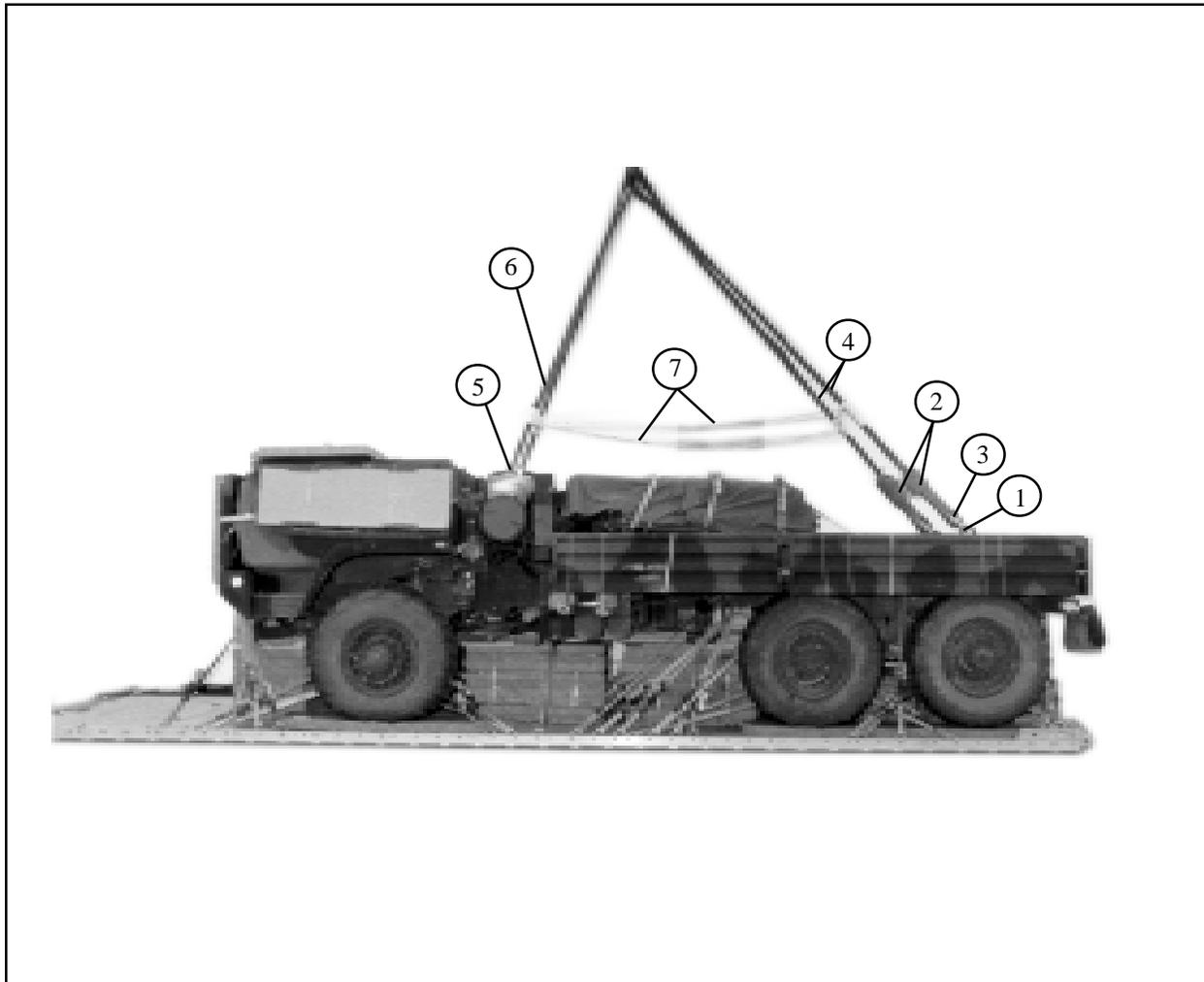


Lashing Number	Tiedown Clevis Number	Instructions
		<b>Pass lashing:</b>
26	18	Around front axle right side.
27	18A	Around front axle left side.
28	17	Around front axle right side.
29	17A	Around front axle left side.
30	22	To front axle right side.
31	22A	To front axle left side.
32	23	To front axle right side.
33	23A	To front axle left side.
34	20	To front shackle left side (DO NOT TIGHTEN).
35	20A	To front shackle right side (DO NOT TIGHTEN).
36	19	To front shackle left side (TIGHTEN LASHING 34, THEN LASHING 36).
37	19A	To front shackle right side (TIGHTEN LASHING 35, THEN LASHING 37).
38	24	To front shackle left side.
39	24A	To front shackle right side.

Figure 3-15. Truck positioned and lashed to the platform (Continued)

### 3-9. Installing and Safetying Suspension Slings

Install and safety the slings according to FM 10-500-2/TO 13C7-1-5 and as shown in *Figure 3-16*.

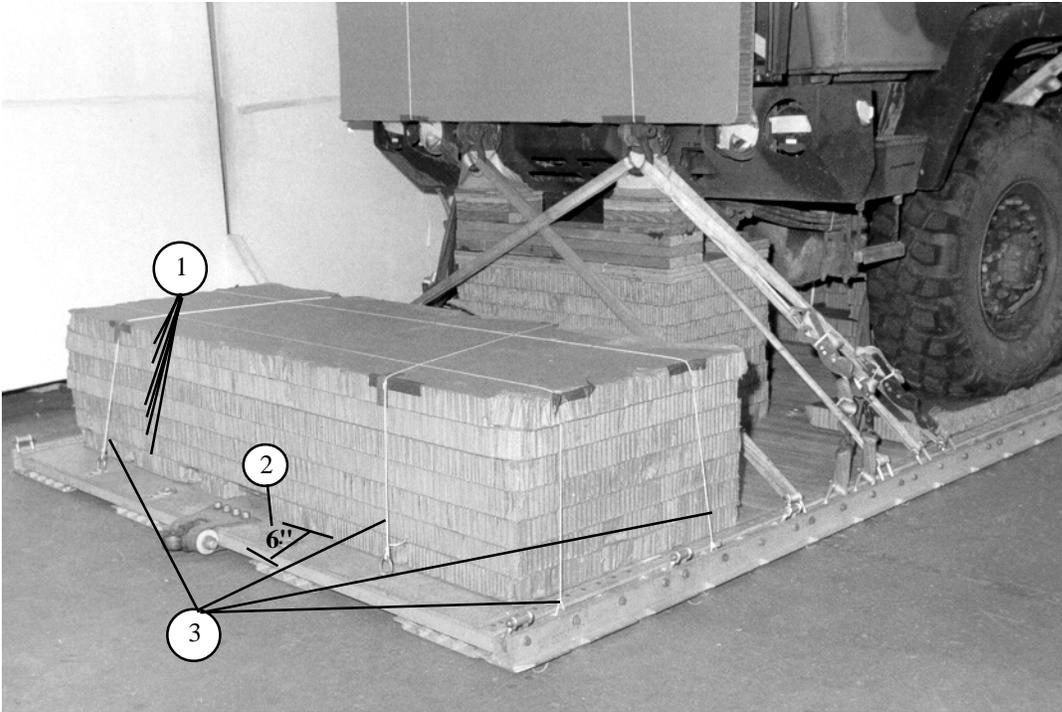


- ① Attach a clevis screw pin to the front lifting point on each side.
- ② Route a 3-foot (4-loop), type XXVI nylon sling through each clevis screw pin clevis.
- ③ Route both running ends of the 3-foot slings through large clevises.
- ④ Attach 12-foot (4-loop), type XXVI nylon slings to each large clevis using bolts and spacers. Pull the clevises up as high as possible, and safety them in place with type III nylon cord to a convenient point on the load.
- ⑤ Bolt a clevis screw pin to each front lifting point.
- ⑥ Attach a 11-foot (4-loop), type XXVI nylon sling to each of the front clevis screw pin.
- ⑦ Raise the slings and install the deadman's tie according to FM 10-500-2/TO 13C7-1-5.

*Figure 3-16. Suspension slings installed and safetied*

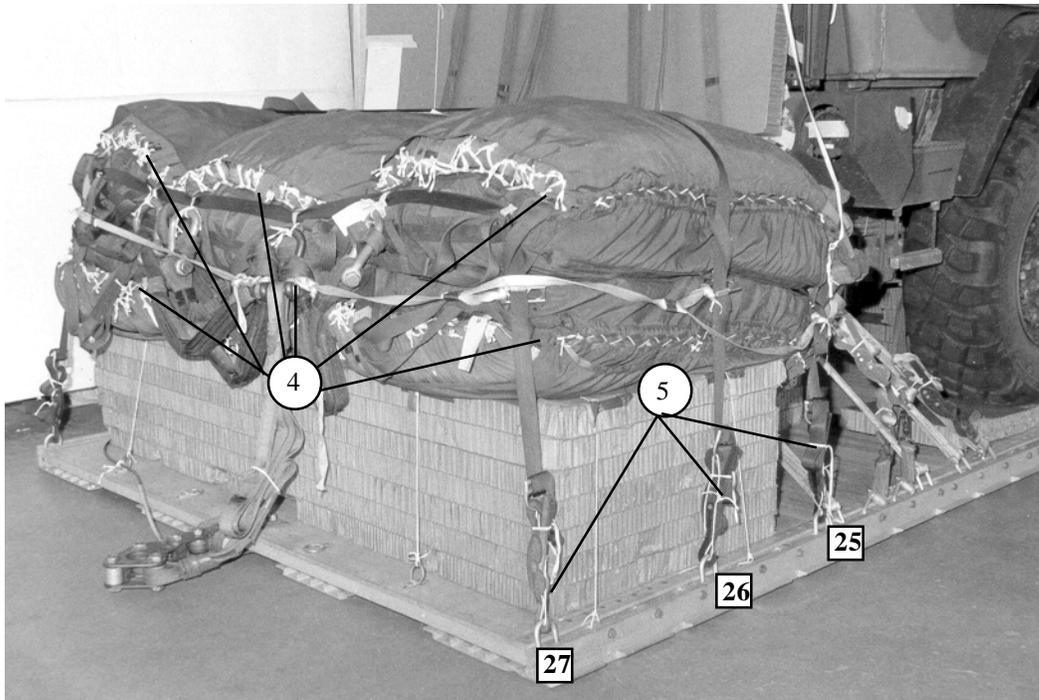
### 3-10. Stowing Cargo Parachutes

Stow six G-11 cargo parachutes as shown in *Figure 3-17*.



- ① Glue seven 36- by 96-inch pieces of honeycomb together.
- ② Center the honeycomb 6 inches from the rear edge of the platform and tape where need.
- ③ Secure the honeycomb stack in place with four lengths of type III nylon cord attached to the platform tiedown rings and side rail bushings.

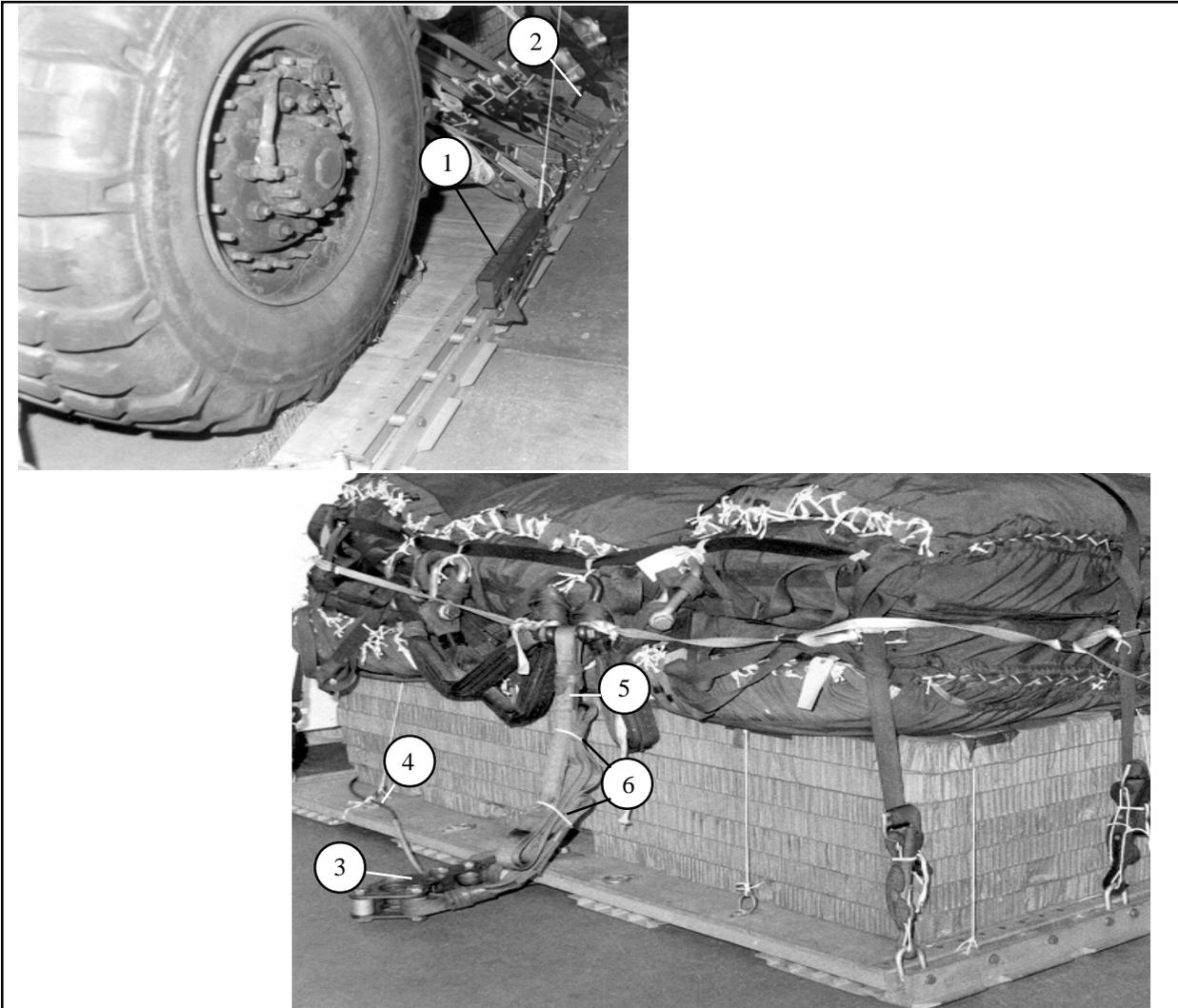
*Figure 3-17. Parachutes stowed and installed*



- ④ Prepare, cluster and place six G-11 parachutes on the honeycomb according to FM 10-500-2/TO 13C7-1-5.
- ⑤ Install parachute restraints according to FM 10-500-2/TO 13C7-1-5. Secure the restraints to clevises 25, 25A, 26, 26A, 27 and 27A on the platform.

### 3-11. Installing Extraction System

Install the components of the extraction force transfer coupling (EFTC) according to FM 10-500-2/TO 13C7-1-5 as shown in *Figure 3-18*.

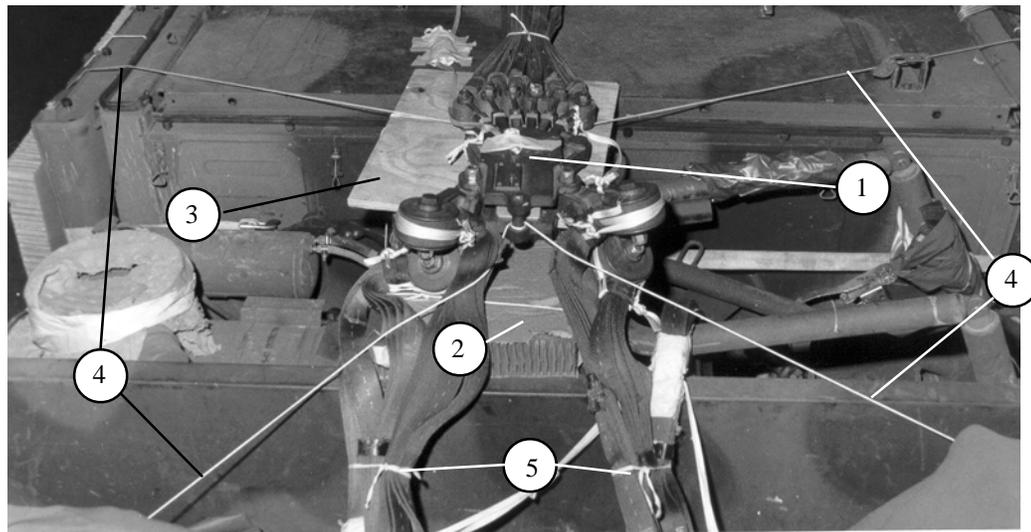


- ① Install the EFTC mounting brackets in the rear mounting holes on the left platform rail.
- ② Attach a 24-foot release cable to the actuator. Install the actuator to the EFTC mounting brackets.
- ③ Install the latch assembly to the extraction bracket. Attach the release cable to the latch assembly.
- ④ Safety the cable with type I, 1/4-inch cotton webbing to the platform bushings or deck rings.
- ⑤ Attach one end of a 9-foot (2-loop), type XXVI nylon sling, for use as a deployment line. Attach the other end to the extraction link.
- ⑥ S-fold the slack and secure the folds with type I, 1/4-inch cotton webbing according to FM 10-500-2/TO 13C7-1-5.

*Figure 3-18. Extraction system installed*

### 3-12. Installing Release System

Install an M-2 cargo parachute release according to FM 10-500-2/TO 13C7-1-5 and as shown in *Figure 3-19*.



- ① Prepare an M-2 release according to FM 10-500-2/TO 13C7-1-5.
- ② Place two 20- by 8-inch pieces of honeycomb on each side of the spare tire mount.
- ③ Place a 20- by 20-inch piece of 1/4-inch plywood on top of the honeycomb and place the M-2 release on top of the plywood.
- ④ Safety it to convenient places on the load according to FM 10-500-2/TO 13C7-1-5.
- ⑤ Fold and tie any slack in the suspension slings.

*Figure 3-19. Parachute release installed*

**3-13. Installing Provisions for Emergency Restraints**

Select and install provisions for emergency restraints according to the emergency restraint requirements table found in FM 10-500-2/TO 13C7-1-5.

**3-14. Placing Extraction Parachute**

Select the extraction parachute and extraction parachute line needed using the extraction parachute and extraction line requirements table found in FM 10-500-2/TO 13C7-1-5.

**3-15. Marking the Rigged Load**

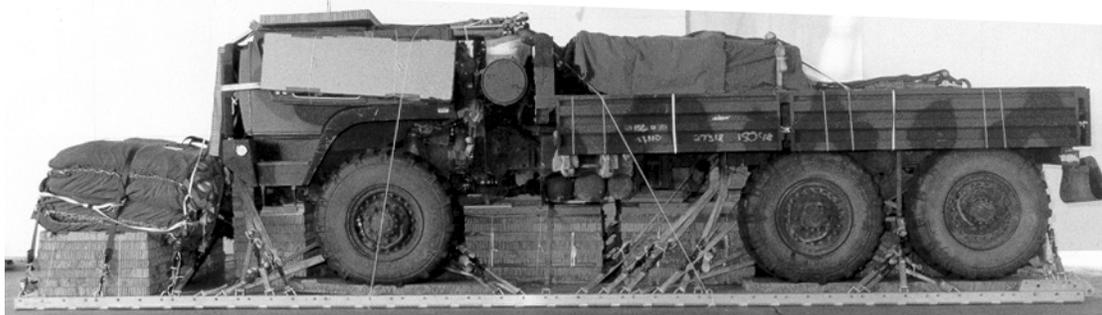
Mark the rigged load according to FM 10-500-2/TO 13C7-1-5 and as shown in *Figure 3-19*. If the load varies from the one shown, the weight, height, CB, tip-off curve and parachute requirements must be recomputed.

**3-16. Equipment Required**

Use the equipment listed in *Table 3-2* to rig this load.

**CAUTION**

**Make the final rigger inspection required by  
FM 10-500-2/TO 13C7-1-5 before the load  
leaves the rigging site.**



**CB**

**RIGGED LOAD DATA**

<b>Weight: Load shown</b>	<b>27,318 pounds</b>
<b>Minimum load allowed</b>	<b>27,000 pounds</b>
<b>Maximum load allowed</b>	<b>28,000 pounds</b>
<b>Height</b>	<b>100 inches</b>
<b>Width</b>	<b>108 inches</b>
<b>Length</b>	<b>354 inches</b>
<b>Overhang: Front</b>	<b>0 inches</b>
<b>Rear</b>	<b>0 inches</b>
<b>CB (from front edge of platform)</b>	<b>150 inches</b>
<b>Extraction System</b>	<b>EFTC</b>

*Figure 3-19. M1093, 5-Ton standard cargo truck rigged for low-velocity airdrop*

Table 3-2. Equipment required for rigging the M1093, 5-ton cargo truck for low-velocity airdrop on a type V platform

National Stock Number	Item	Quantity
8040-00-273-8713	Adhesive, paste, 1-gal	As required
N/A	Bolt, (washers and nuts) 1/2- by 10-in	4
1670-01-035-6054	Bridle, extraction line bag (Use with extraction line bag)	1
4030-00-432-2516	Clevis, screw pin	4
4030-00-090-5354	Clevis, suspension, 1-in (large)	9
4020-00-240-2164	Cord, nylon, type III, 550-lb	As required
8305-00-242-3593	Cloth, cotton duck, 60-in	As required
1670-00-434-5787	Coupling, airdrop extraction force transfer cable, 24-ft	1
1670-00-360-0328	Cover, clevis, large	6
8135-00-664-6958	Cushioning material, packaging, (cellulose wadding)	As required
8305-00-958-3685	Felt, 1/2-in thick	As required
1670-01-183-2678	Leaf, extraction line	2
	Line, extraction line, type XXV Inylon webbing	
5510-00-220-6148	60-ft (1-loop), drogue	1
1670-01-062-6313	60-ft (6-loop), (C-130 aircraft)	1
1670-01-220-6248	120-ft (6-loop), (C-141 and C-5 aircrafts)	1
1670-01-468-9178	140-ft (6-loop), (C-17 aircraft)	1

Table 3-2. Equipment required for rigging the M1093, 5-ton cargo truck for low-velocity airdrop on type V platform (continued)

National Stock Number	Item	Quantity
	Link assembly:	
1670-00-006-2752	Four-point:	1
	Two-point:	1
5305-00-435-8994	Bolt, 1-in diam, 4-in long	(2)
5310-00-232-5165	Nut, 1-in	(2)
1670-00-003-1954	Plate, side, 5 1/2-in	(2)
5365-00-007-3414	Spacer, large	(2)
1670-00-783-5988	Type IV	1
1670-01-247-2389	Link, suspension tandem	2
	Load spreader for honeycomb stack 1:	
	Lumber:	
5510-00-220-6148	2- by 6- by 8-in	10
	2- by 6- by 10-in	4
	2- by 6- by 33-in	3
5510-00-220-6246	2- by 8- by 45-in	4
5530-00-129-7777	Plywood, 1/2-in:	
	5 1/2- by 8-in	4
	5 1/2- by 10-in	1

Table 3-2. Equipment required for rigging the M1093, 5-ton cargo truck for low-velocity airdrop on a type V platform (continued)

National Stock Number	Item	Quantity
5530-00-128-4981	Plywood, 3/4-in: 18- by 48-in Load spreader for honeycomb stack 2:	3
5510-00-220-6246	Lumber, 2- by 8- by 20-in	3
5530-00-128-4981	Plywood, 3/4-in: 7 1/2- by 20-in 20- by 43-in Load spreader for honeycomb stack 3:	1 3
5510-00-220-6146	Lumber, 2- by 4- by 11-in	2
5510-00-220-6274	Lumber, 4- by 4- by 48-in	2
5510-00-128-4981	Plywood, 3/4-in: 6- by 11-in 18- by 48-in Load spreader for honeycomb stack 4: Lumber:	2 3
5510-00-220-6148	2- by 6- by 21-in (without winch), <b>(with winch)</b>	2 (3)
5510-00-220-6250	2- by 6- by 48-in	1
5510-00-220-6250	2- by 12- by 12-in	4
5510-00-220-6250	2- by 12- by 38 1/2- in	2
5510-00-128-4981	Plywood 3/4-in: 5 1/2- by 21-in 11 1/2- by 12-in 44- by 48-in	2 2 3

Table 3-2. Equipment required for rigging the M1093, 5-ton cargo truck for low-velocity on type V airdrop platform (continued)

National Stock Number	Item	Quantity
	Load spreader for honeycomb stack 5:	
5510-00-220-6148	Lumber, 2- by 8- by 26 1/2-in	2
5530-00-128-4981	Plywood, 3/4-in:	
	7 1/2- by 8-in	1
	7 1/2- by 26 1/2-in	1
	6- by 8-in	1
	8- by 16-in	1
	10- by 10-in	1
	12- by 14-in	6
	46- by 48-in	3
	Load spreader for honeycomb stack 6:	
	Lumber:	
5510-00-220-6148	2- by 8- by 12-in	4
	2- by 8- by 43-in	3
5530-00-128-4981	Plywood, 3/4-in:	
	7- by 14-in	4
	7 1/2- by 12-in	4
	24- by 43-in	3
	Nail, steel wire, common:	
5315-00-010-4659	8d	As required
5315-00-753-3885	16d	As required
1670-00-753-3928	Pad, energy-dissipating, honeycomb,	
	3- by 36- by 96-in:	55 sheets
	8- by 20-in	(2)
	11- by 16-in	(7)
	12- by 36-in	(12)
	12- by 44-in	(2)
	12- by 46-in	(2)
	18- by 44-in	(12)
	18- by 46-in	(12)
	18- by 48-in	(12)
	18- by 60-in	(2)
	18- by 74-in	(2)
	18- by 96-in	(2)

Table 3-2. Equipment required for rigging the M1093, 5-ton cargo truck for low-velocity airdrop on a type V platform (continued)

National Stock Number	Item	Quantity
	20- by 43-in	(5)
	24- by 43-in	(8)
	36- by 44-in	(2)
	36- by 46-in	(2)
	36- by 80-in	(1)
	36- by 96-in	(8)
1670-01-016-7841	Parachute, cargo: G-11C	6
	Parachute, cargo extraction:	
1670-00-040-8135	28-ft	2
1670-01-063-3715	15-ft	1
	Platform, AD, type V, 28-ft	1
1670-01-353-8425	Bracket assembly comp	(1)
1670-01-162-2372	Clevis, load tiedown	(52)
1670-01-353-8424	Extraction bracket assembly	(1)
1670-01-162-2381	Tandem link	(2)
1670-01-097-8817	Release, cargo parachute, M-2	1
	Sling, cargo, airdrop:	
	For deployment line:	
1670-01-062-6304	9-ft (2-loop), type XXVI nylon webbing	1
	For lifting:	
1670-01-062-6307	12-ft (4-loop), type XXVI nylon webbing	2
1670-01-063-7761	16-ft (2-loop), type XXVI nylon webbing	1
	For suspension:	
1670-01-062-6306	3-ft (4-loop), type XXVI nylon webbing	2
1670-01-062-6310	11-ft (4-loop), type XXVI nylon webbing	2
1670-01-062-6307	12-ft (4-loop), type XXVI nylon webbing	2

Table 3-2. Equipment required for rigging the M1093, 5-ton cargo truck for low-velocity airdrop on a type V platform (continued)

National Stock Number	Item	Quantity
1670-01-062-6311	For riser extension: 120-ft (2-loop), type XXVI nylon webbing	6
5340-00-040-8219	Strap, parachute release, multi-cut with 3 knives	2
	Truck preparation	
	Lumber:	
5510-00-220-6146	2- by 4- by 6	4
5510-00-220-6148	2- by 6- by 6	3
	2- by 6- by 13	10
5510-00-220-6274	4- by 4- by 6	2
	4- by 4- by 15	2
1670-00-753-3928	Pad, energy-dissipating, honeycomb, 3-by 36- by 96-in: 4- by 6-in 18- by 60-in 36- by 80-in 36- by 96-in	4 sheets (1) (2) (1) (1)
5530-00-128-4981	Plywood, 3/4-in:  10- by 10-in	1
7510-00-266-5016	Tape, adhesive, 2-in (masking)	As required
7510-00-074-5124	Tape, pressure sensitive, 2-in (cloth, back)	As required
1670-00-937-0271	Tiedown assembly, 15-ft	80
	Webbing:	
8305-00-268-2411	Cotton, 80-lb	As required
8305-00-082-5752	Nylon, tubular, 1/2-in, 1,000-lb natural	As required
8305-00-263-3591	Type VIII	As required

**REFERENCES**

- AFJAM 24-204/TM 38-250      Preparing Hazardous Materials Handling: Preparing Hazardous Materials for Military Air Shipments. 15 January 1988.
- FM 10-500-2/TO 13C-1-5      Airdrop of Supplies and Equipment: Rigging Airdrop Platforms. 1 November 1990.
- FM 10-500-53/TO 13C7-18-41      Airdrop of Supplies and Equipment: Rigging Ammunition. 19 August 1996.
- TM 9-2320-366-10/  
TO 36A12-1C-1091      TECHNICAL MANUAL OPERATOR'S INSTRUCTIONS M1083 SERIES, 5 TON, 6X6, MEDIUM TACTICAL VEHICLES (MTV). October 1995.
- TM 10-1670-268-20&P/  
TO 13C7-52-22.      Organizational Maintenance Manual with Repair Parts and Special Tools List: type: V Airdrop Platform. 1 June 1986.
- TM 10-1670-277-23&P      Parachute, Cargo Type 28-Foot Diameter, Extraction Parachute. October 1990.
- TM 10-1670-280-23&P      Parachute Cargo Type: 100-Foot G-11 A, B & C. August 1991.
- TM 10-1670-286-20&P      Sling Extraction (Line Bag). April 1986.
- TM 10-1670-296-20&P      Unit Maintenance Manual including Repair Parts and Special Tools List for Ancillary Equipment For Low Velocity Air Drop System (LVADS). 15 September 1995.
- AFTO Form 22      Technical Order Publication Improvement Report. April 1973.
- DA Form 2028      Recommended Changes to Publications and Blank Forms. February 1974.
- DD Form 1387-2      Special Handling Data/Certification. June 1986.

**GLOSSARY**

<b>AD</b>	airdrop
<b>AFB</b>	Air Force base
<b>AFR</b>	Air Force regulation
<b>AFTO</b>	Air Force technical order
<b>ATTN</b>	attention
<b>CB</b>	center of balance
<b>d</b>	penny
<b>DA</b>	Department of the Army
<b>DC</b>	District of Columbia
<b>DD</b>	Department of Defense
<b>diam</b>	diameter
<b>EFTA</b>	extraction force transfer actuator
<b>EFTC</b>	extraction force transfer coupling
<b>FM</b>	field manual
<b>FMTV</b>	family of medium tactical vehicles
<b>ft</b>	feet/foot
<b>gal</b>	gallon
<b>HQ</b>	headquarters
<b>in</b>	inch
<b>lb</b>	pound

**GLOSSARY**

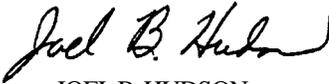


<b>NSN</b>	national stock number
<b>Qty</b>	quantity
<b>TM</b>	technical manual
<b>TO</b>	technical order
<b>TRADOC</b>	United States Army Training and Doctrine Command
<b>US</b>	United States
<b>USAR</b>	United States Army Reserve
<b>VA</b>	Virginia
<b>yd</b>	yard

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