

**TB 43-0209**

**DEPARTMENT OF THE ARMY TECHNICAL BULLETIN**

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**COLOR, MARKING, AND CAMOUFLAGE**

**PAINTING OF MILITARY VEHICLES,**

**CONSTRUCTION EQUIPMENT**

**AND**

**MATERIALS HANDLING EQUIPMENT**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**  
**OCTOBER 1976**

TECHNICAL BULLETIN

No. 43-0209

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, DC, 29 October 1976

# COLOR, MARKING, AND CAMOUFLAGE PAINTING OF MILITARY VEHICLES, CONSTRUCTION EQUIPMENT, AND MATERIALS HANDLING EQUIPMENT

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\*This bulletin supersedes TB 746-93-1, 26 October 1964, including all changes.

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## SECTION I.

### GENERAL

1. Purpose. *a.* This bulletin is published to implement AR 750-58 in defining the color marking and camouflage pattern painting, requirements for Department of the Army military vehicles (except vehicles in administrative use), construction and highway maintenance equipment, and self-propelled materials handling equipment.

*b.* Special color and marking requirements for vehicles in administrative use are contained in AR 58-1.

2. Scope. *a.* These instructions apply to all Department of the Army activities and installations using, maintaining or procuring such vehicles or equipment. Specific exceptions to normal color and marking requirements are identified in later sections of this bulletin.

*b.* Instructions for application of special technical markings not shown in these instructions are located in specific Department of the Army publications.

*c.* Vehicle and equipment painting instructions for operator and organizational maintenance personnel are contained in TB 750-260 and TB 43-0139.

3. Exceptions. *a.* In accordance with AR 750-58, requests for waivers to the provisions of these instructions and procedures, or for authorization to apply additional markings, will be forwarded to The US Army Tank-Automotive Command, ATTN: DRSTA-MTP, Warren, Michigan 48090.

*b.* Vehicles used for intelligence, criminal investigation, and similar purposes requiring concealment of the true identity of the activity involved, may be painted and marked as deemed appropriate by the responsible commander. Identification of such vehicles will be marked in inconspicuous locations as prescribed in applicable Department of the Army publications.

4. General. *a.* Markings which are not authorized, are not of the authorized style, or are not in approved location per this bulletin, will be changed or relocated at the time of vehicle repainting, or when the condition of the existing marking becomes unsuitable due to deterioration or damage.

*b.* Vehicles and equipment will be repainted only when required for preservation purposes, or at time of vehicle overhaul, in colors authorized by this bulletin. Repainting will not be done merely to change color unless such is considered necessary for safety or security purposes by the responsible commander. Spot painting for preservation only will be the rule rather than the exception. Upon removal from storage to be issued or placed in service, vehicle and equipment will be marked as prescribed by these instructions.

*c.* Any new markings will conform to the requirements of this bulletin.

*d.* Markings, in addition to those prescribed or authorized in this bulletin, will be applied only on specific approval of the Department of the Army (para 3a) or as identified in official Department of the Army publications.

*e.* Markings peculiar to any vehicle, or series of vehicles, will be applied as specified in this bulletin. Description, identification, and location of vehicle peculiar markings will be found in the appropriate vehicle technical manual.

*f.* Under tactical conditions, when it becomes necessary to conceal the markings, all such prominent markings may be covered with temporary paint (Paint, temporary, lusterless, gasoline removable MIL-P-13983) on authority of the responsible commander. Such markings may also be temporarily camouflaged by the use of oil, dirt, mud, or other readily removable substance.

## SECTION II.

### DESCRIPTION

5. **Description of Markings.** *a.* All letters and numerals used in the marking of vehicles and equipment will be of the gothic style illustrated in Figure 1. Thickness of the characters (stroke width) will be between 1/6 and 1/7 of their height.

*b.* All markings will be of the size shown and specified in this bulletin.

*c.* Permanent markings may be applied in the form of adhesive backed markers of the prescribed color, may be painted on when markers are unavailable, or when application must be made on canvas or other porous surface. Non-reflective markers will be of material conforming to MIL-M-43719, Type II, class 1, and will conform to applicable detailed specification sheets. Reflective markers will be of material conforming to Federal Specification L-S-300, Type I, or II, class 3, reflectivity 1.

(1) **Stencil and paint.** Paper and metal stencils are available as individual letters, numerals, and legends of various sizes, and may be located by National Stock Number under FSC 7520, Federal Supply Catalog C7510/30-IL-A.

(2) **Pressure sensitive adhesive vinyl.** Markings made of this material are available as die cut letters, numerals and legends of various sizes, and may be located by Nation Stock Number under FSC 7640, Federal Supply Catalog FSC 7660/90-IL.

*d.* Temporary markings will be applied with a temporary paint or removable vinyl markings in accordance with instructions contained herein.

*e.* Unless otherwise indicated in Appendix A, markings on vehicles and equipment will be applied in lusterless black No. 37078 on equipment painted in lusterless forest green or lusterless camouflage.

*f.* When pressure sensitive adhesive markers are used, and gloss white markers are unavailable, lusterless white No. 37875 may be used on vehicles requiring gloss white.

6. **Description of Colors.** *a.* Refer to AR 750-58 for color requirements for specific usages other than those shown in these instructions.

*b.* Vehicles assigned to Explosive Ordnance Disposal Units will have all fenders painted lusterless red, color chip No. 31136 on vehicles painted lusterless forest green.



ORD E64 248

*Figure 1. Gothic style alphabet and numerals.*

## SECTION III.

### IDENTIFICATION MARKINGS

**7. Agency Identification and Registration Number.** According to AR 750-58, there is no further requirement to mark vehicles and equipment with the identification legend "US Army." When vehicles and equipment are camouflaged, both the "US Army" and the registration number will be removed from vehicle/equipment exterior. The preferred location of the registration number is shown in Appendix A.

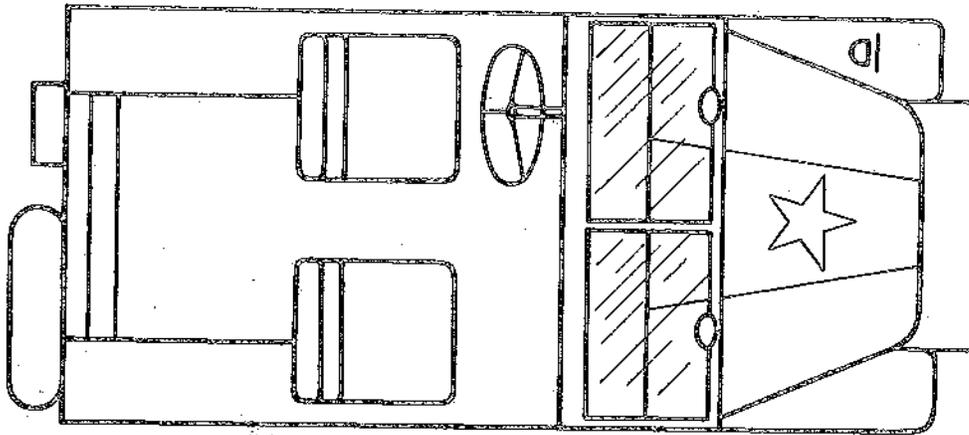
**8. National Symbol.** *a.* The national symbol is a 5-pointed star in lusterless black No. 37038, of a size that fits inside a 3 inch diameter circle. It will be applied to all tactical and combat vehicles and appropriate equipment in CONUS and overseas. The symbol will be applied to vehicles and equipment only when withdrawn for issue to US Army units. It will not be applied to ambulance or other medical service vehicles affected by international agreement concerning such vehicles.

*b.* The star will be applied to front and rear of

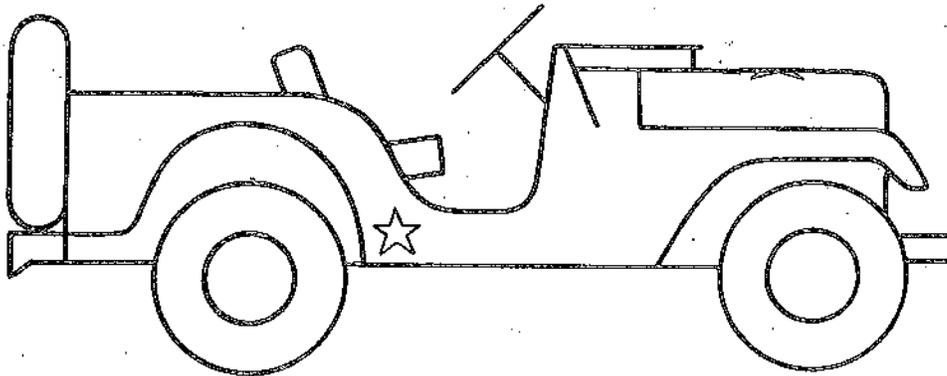
vehicles/equipment as specified in Appendix A. On the rear of wheeled vehicles, the star may be centered on the tailgate (fig. 2).

**9. Unit Identification.** *a.* These markings will be applied to vehicles and equipment by units to which they are assigned. The markings will be maintained at all times but will be removed when the vehicle or equipment is permanently transferred.

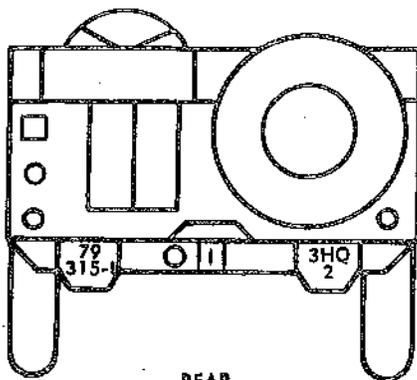
*b.* The unit identification markings will normally appear on both the front and rear of each vehicle. Suitable surfaces (bumperette, tailgates, fenders, rear and front) may be used provided the unit identification marking does not conflict with the location and legibility of other markings. Where no suitable surface is available at the front or rear, the markings will be applied in an appropriate location on each side of the vehicle. If necessary, the unit identification may be applied to the vehicle mounted equipment. Refer to figures 2 through 14.



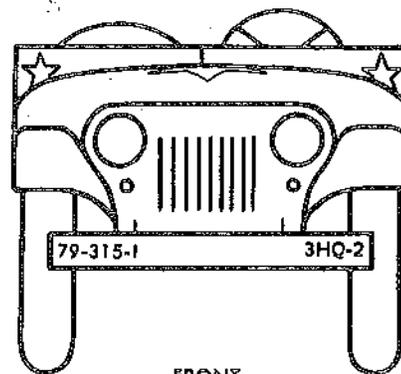
TOP VIEW



RIGHT SIDE  
(LEFT SIDE IS SIMILARLY MARKED)



REAR



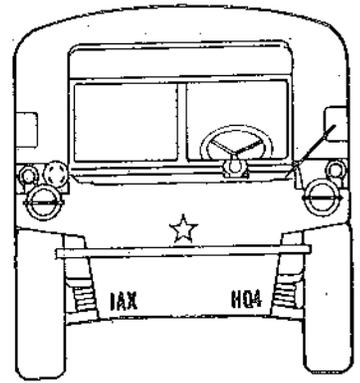
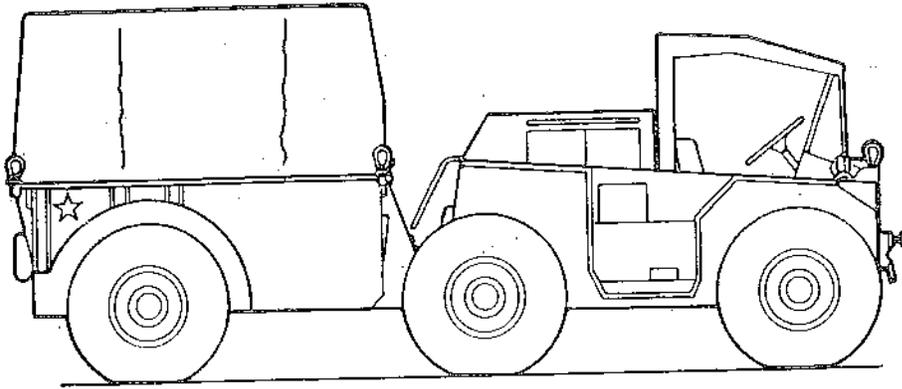
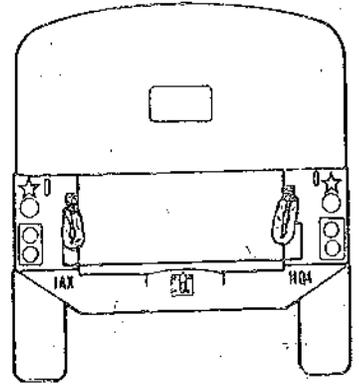
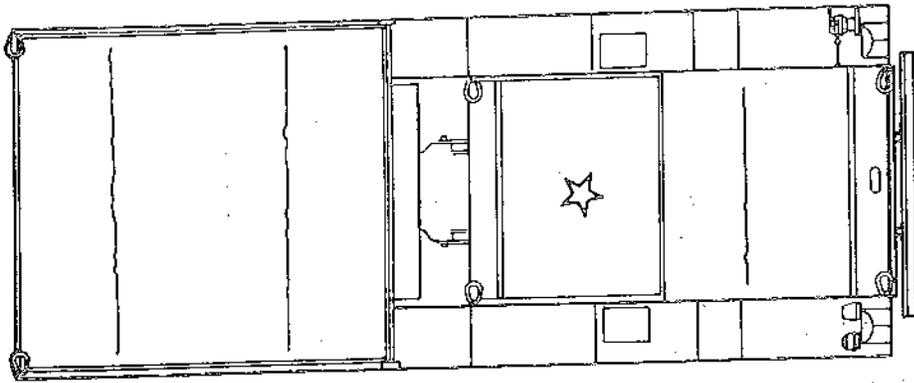
FRONT

TA011354

Figure 2. Marking locations for 1/4 Ton trucks.

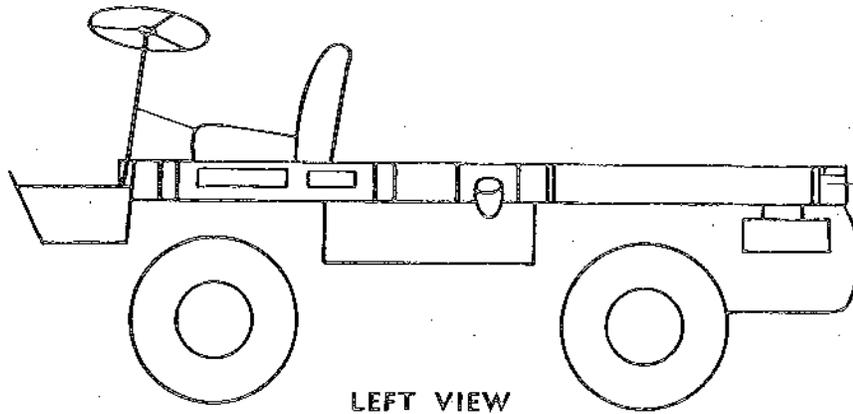
VEHICLE MARKINGS

M561

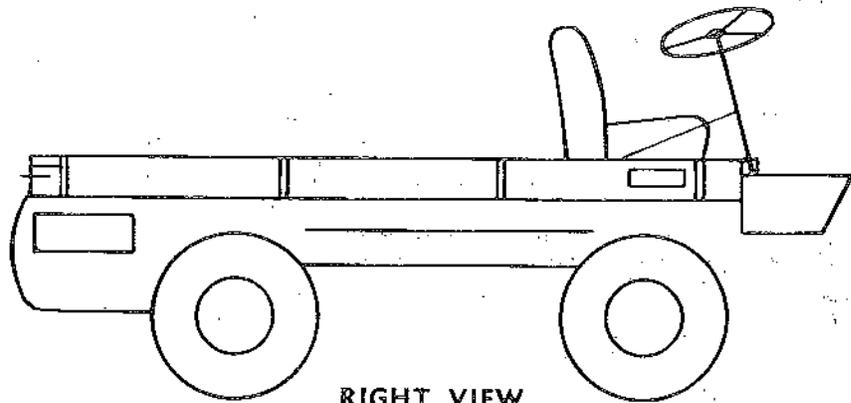


TA011175

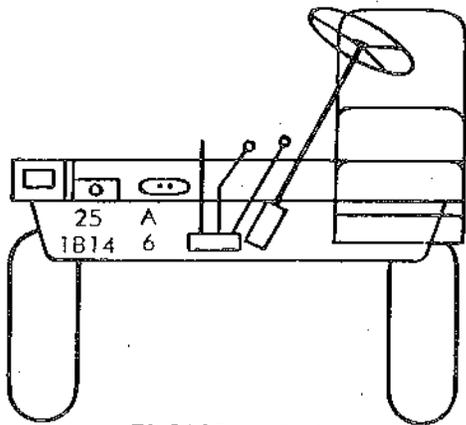
Figure 3. Marking locations for 1/4 ton trucks.



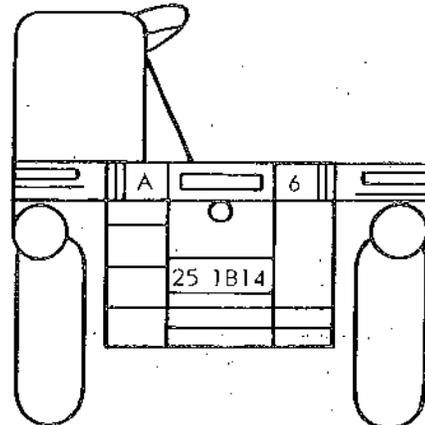
LEFT VIEW



RIGHT VIEW



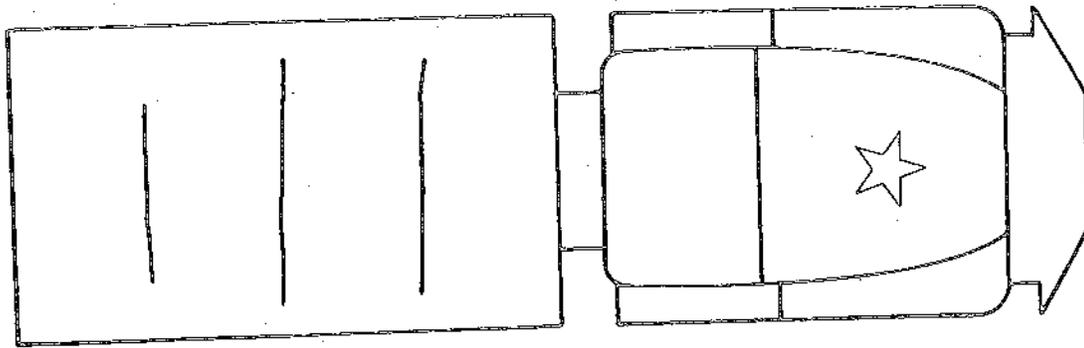
FRONT VIEW



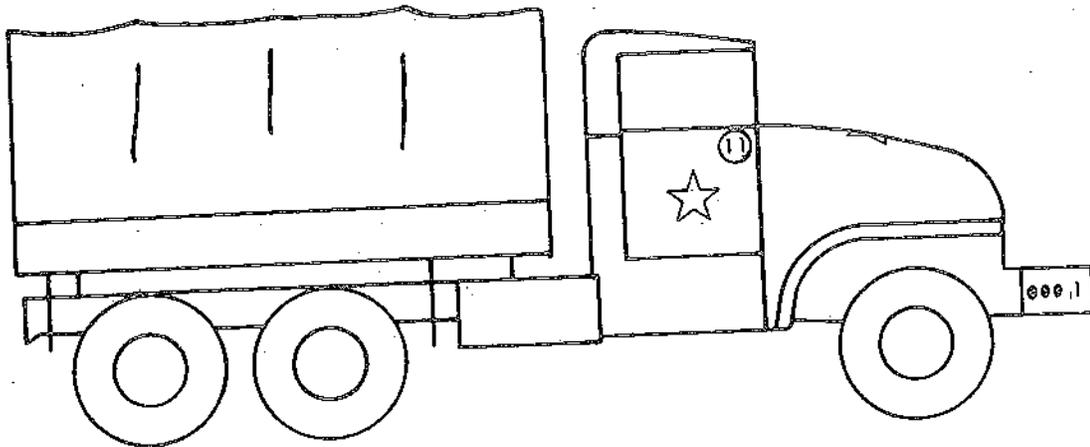
REAR VIEW

TA035404

Figure 4. Marking locations for 1/2 ton trucks.

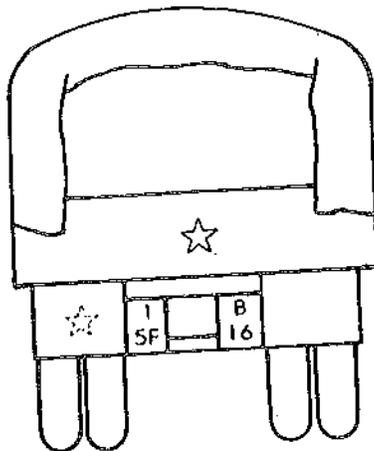


TOP VIEW

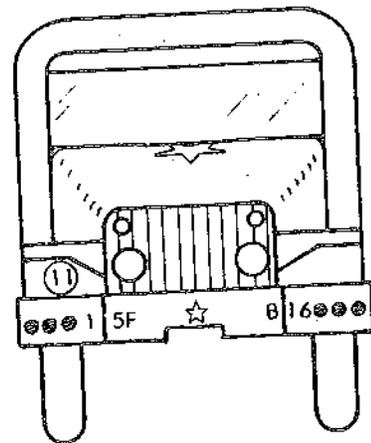


RIGHT SIDE

(LEFT SIDE, EXCEPT FOR WEIGHT CLASSIFICATION WHEN TRUCK IS TOWING OR TOWED, IS MARKED SIMILARLY)



REAR

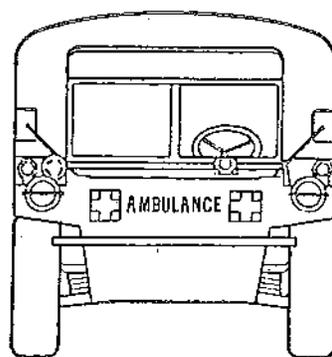
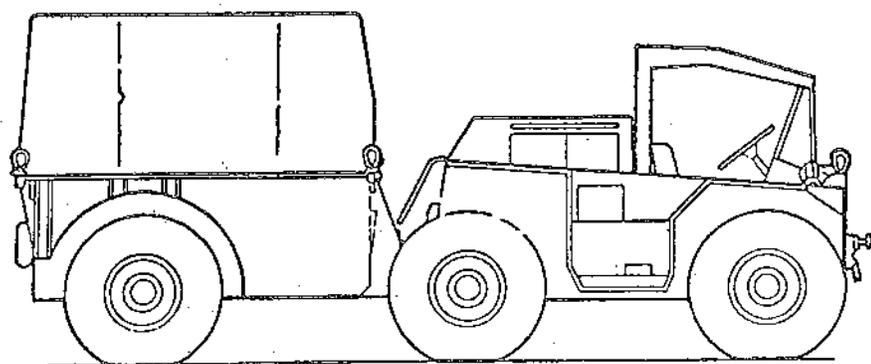
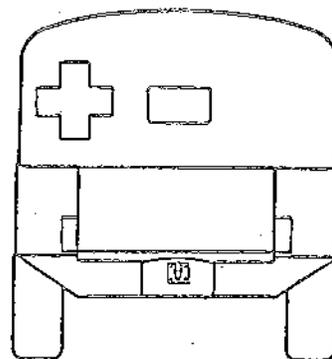
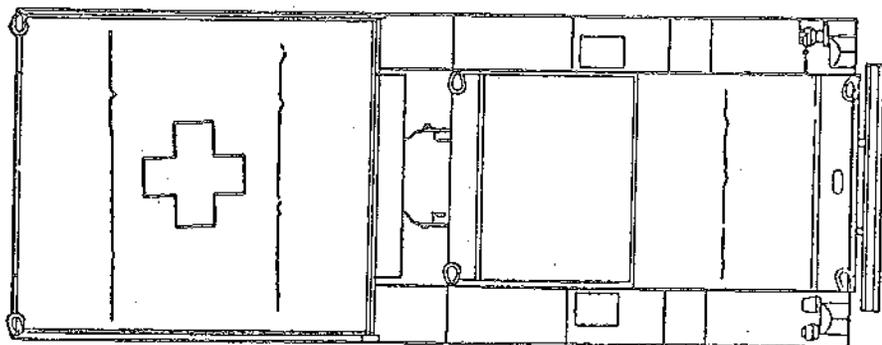


FRONT

TA035405

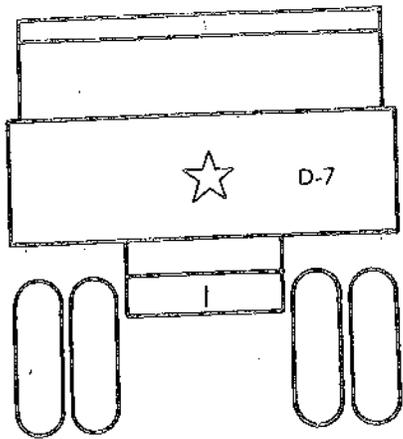
Figure 5. Marking locations - (typical) 2½, 5 and 10-ton cargo trucks.

VEHICLE MARKINGS  
M792

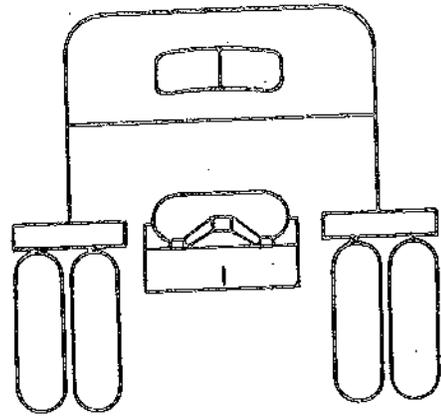


TA029937

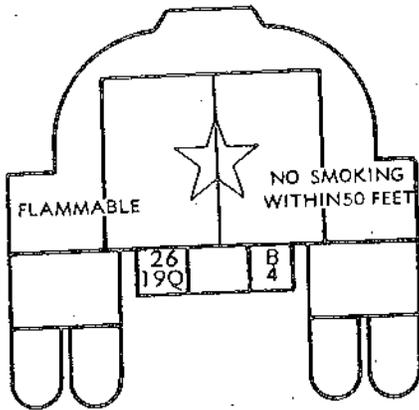
Figure 6. Marking locations—1 1/4-ton cargo trucks.



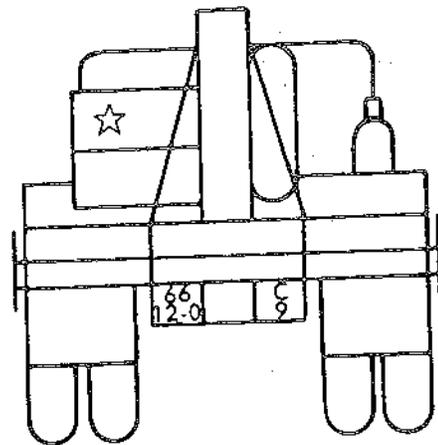
A  
DUMP TRUCK



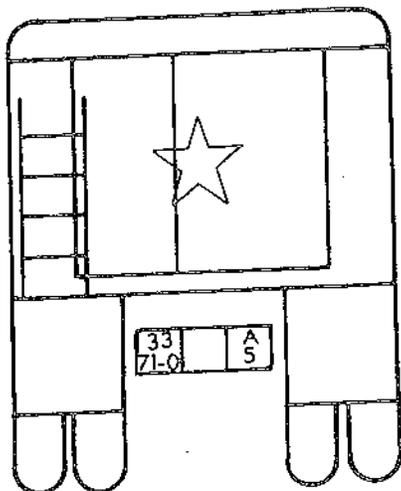
B  
TRACTOR TRUCK



C  
TANKER TRUCK



D  
WRECKER TRUCK

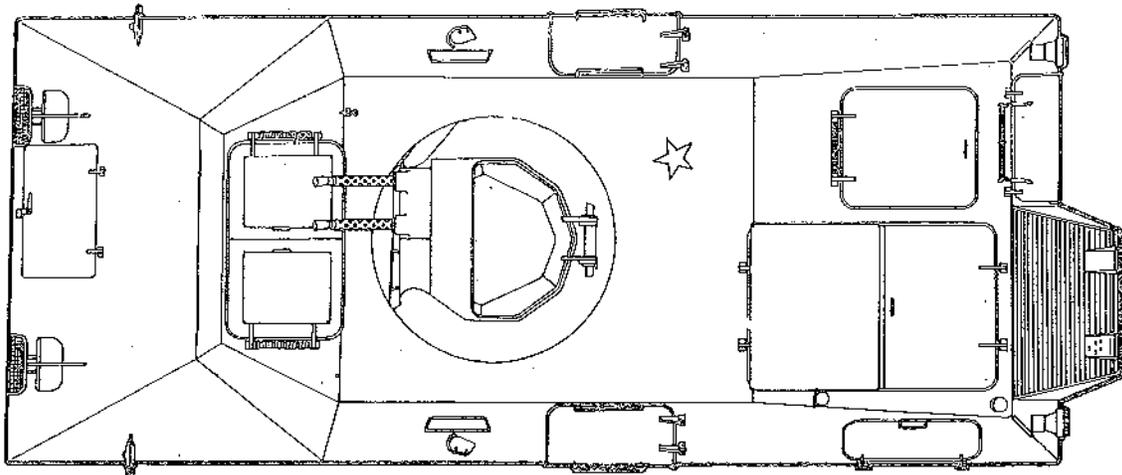


E  
VAN EXPANSIBLE

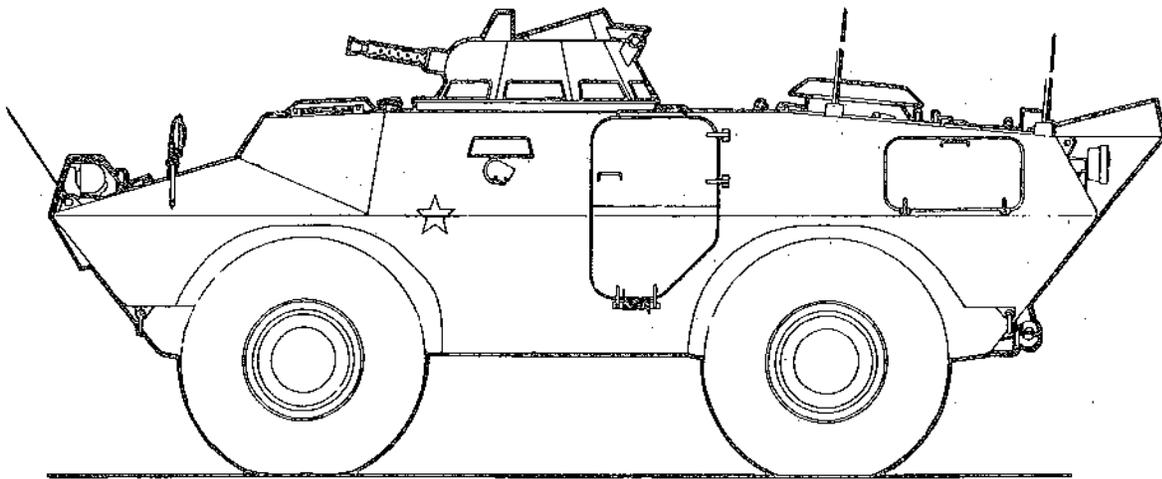
NOTE:  
THE FRONT AND SIDES OF THESE  
VEHICLES WILL BE MARKED IN  
ACCORDANCE WITH FIGURE 9.

TA032375

Figure 7. Marking locations - (typical) 2½, 5 and 10 ton trucks.

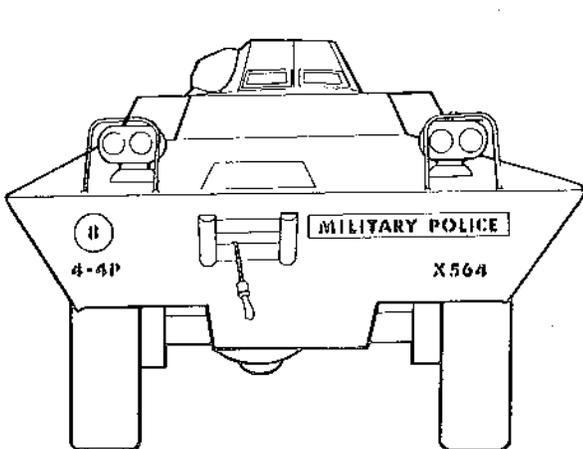


TOP VIEW

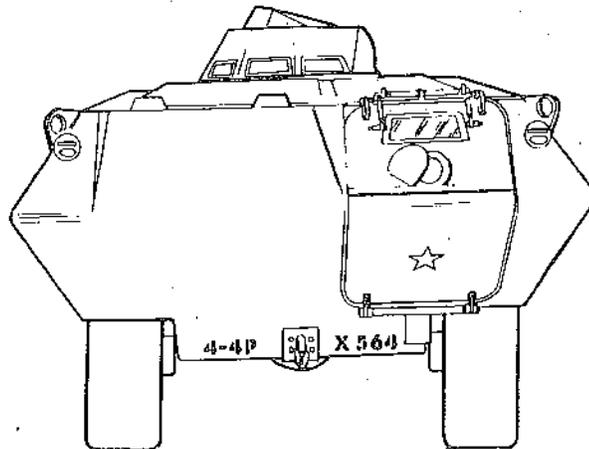


LEFT SIDE VIEW

(RIGHT SIDE IS SIMILARLY MARKED)



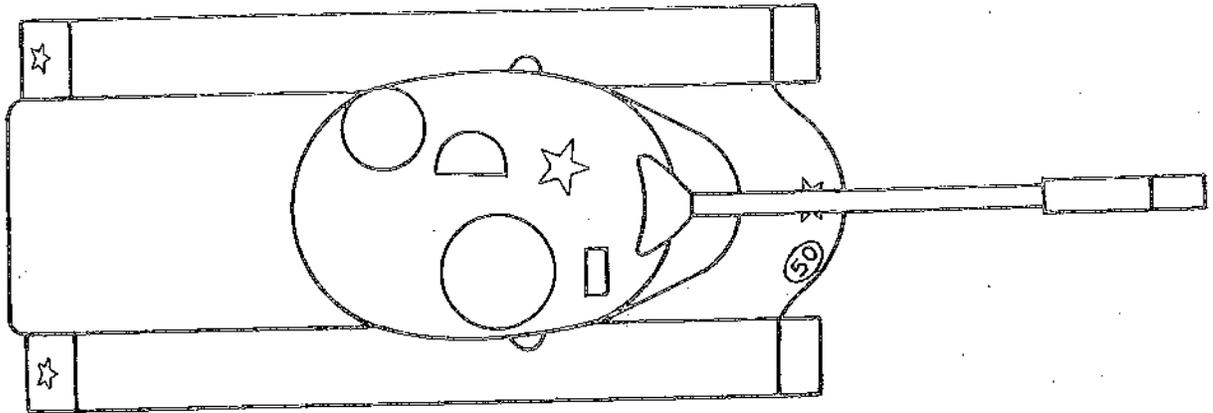
FRONT VIEW



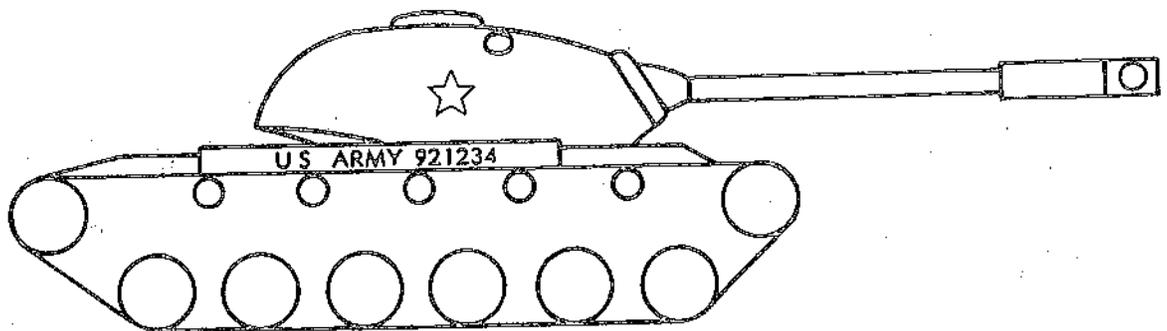
REAR VIEW

TA035406

Figure 8. Marking locations—combat vehicles (1 of 5).

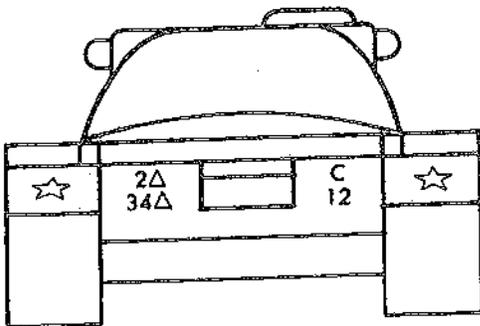


TOP VIEW

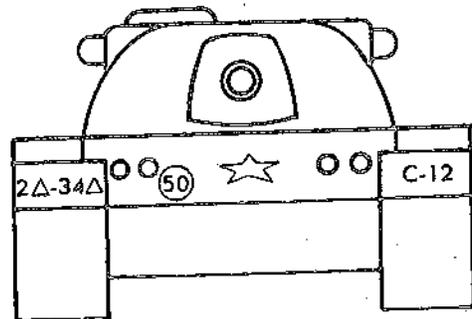


RIGHT SIDE

(LEFT SIDE IS SIMILARLY MARKED EXCEPT FOR WEIGHT CLASSIFICATION WHICH IS APPLIED TO RIGHT SIDE WHEN TANK IS TOWED OR IS TOWING)



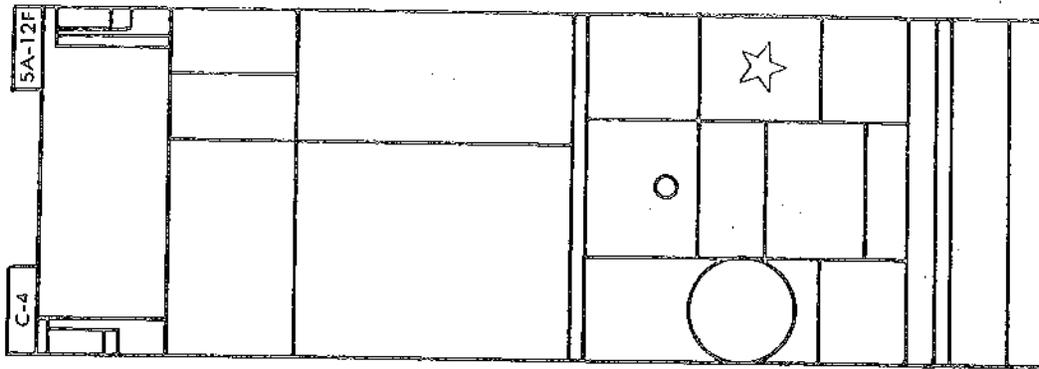
REAR



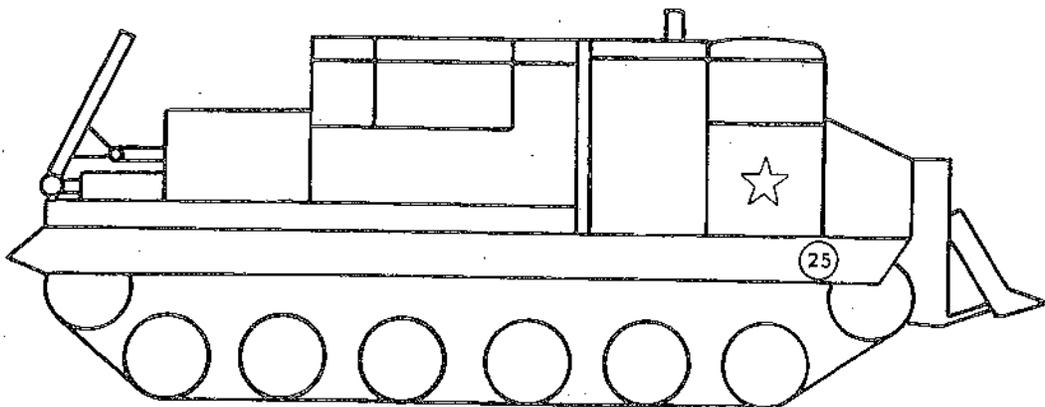
FRONT

TA035407

Figure 8. Marking locations—combat vehicles (2 of 5).

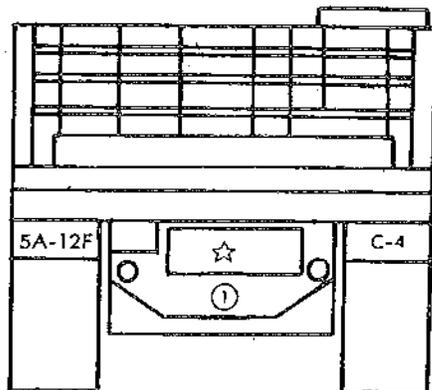


TOP VIEW

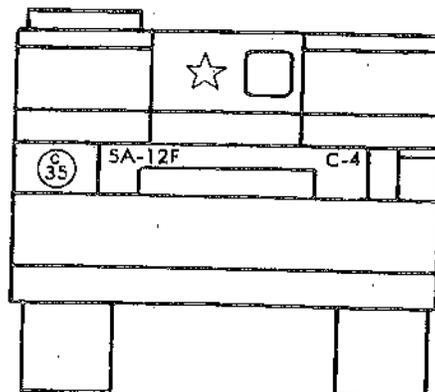


RIGHT SIDE

(LEFT SIDE IS SIMILARLY MARKED EXCEPT FOR WEIGHT CLASSIFICATION WHICH IS OMITTED. THE CLASSIFICATION IS APPLIED TO RIGHT SIDE ONLY WHEN TRACTOR IS TOWING OR IS TOWED.)



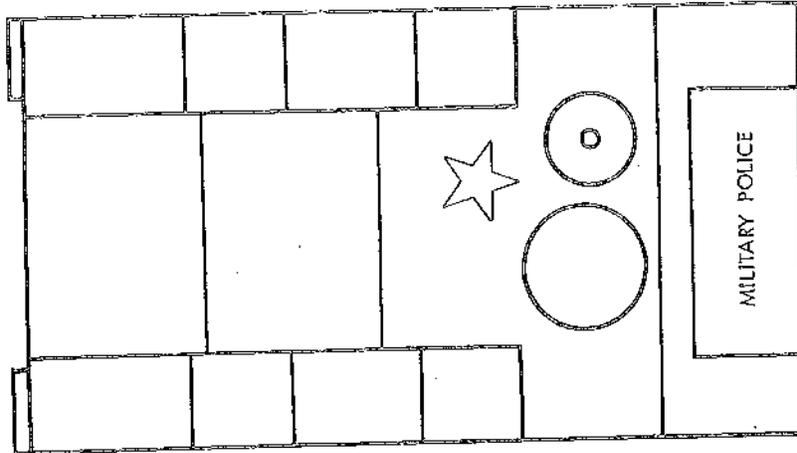
REAR



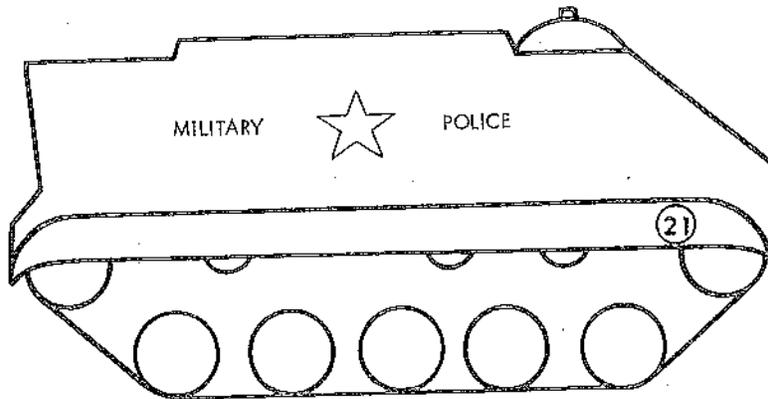
FRONT

TA035408

Figure 8. Marking locations—combat vehicles (3 of 5).

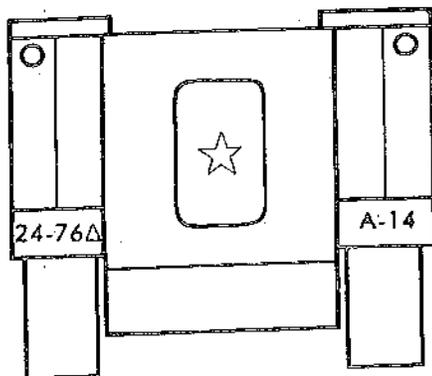


TOP VIEW

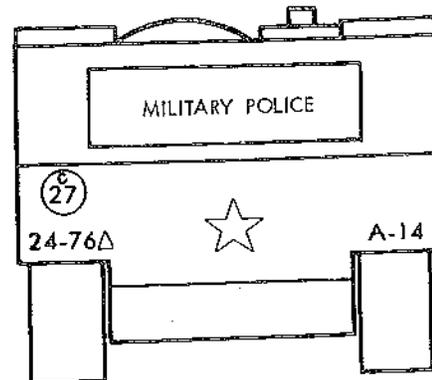


RIGHT SIDE

(LEFT SIDE IS SIMILARLY MARKED EXCEPT FOR WEIGHT CLASSIFICATION WHICH IS OMITTED)



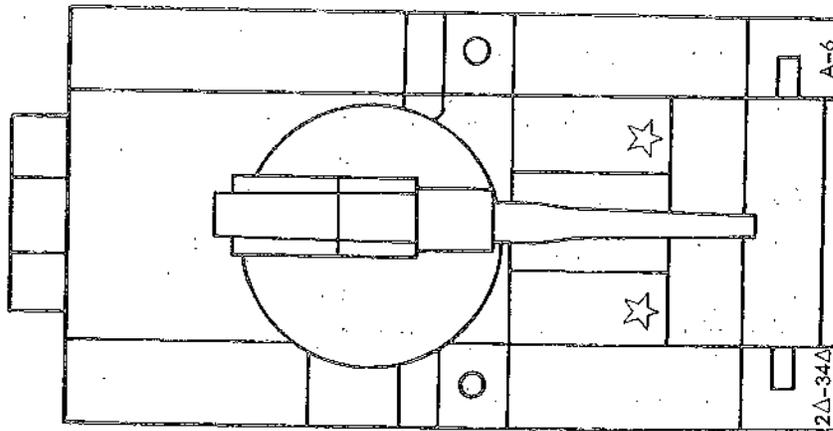
REAR



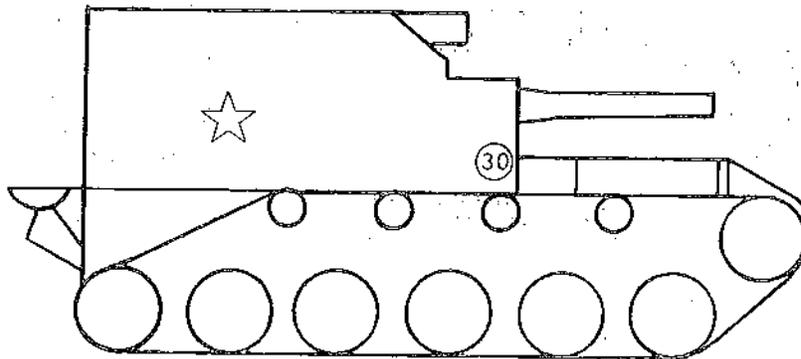
FRONT

TA011333

Figure 8. Marking locations—combat vehicles (4 of 5).

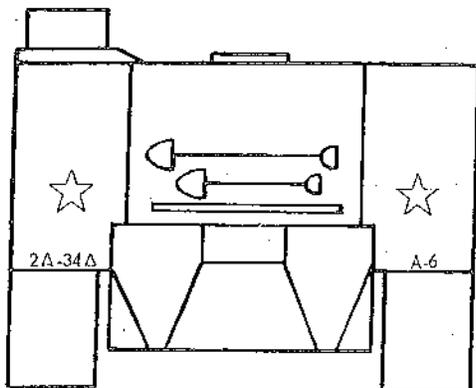


TOP VIEW

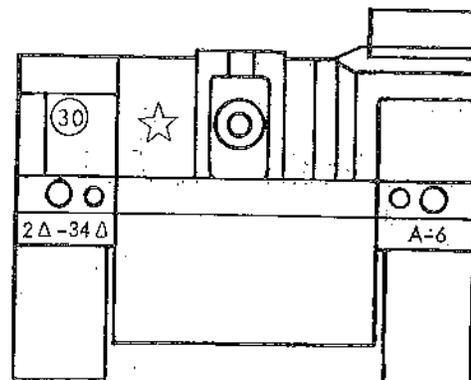


RIGHT SIDE

(LEFT SIDE IS SIMILARLY MARKED EXCEPT FOR WEIGHT CLASSIFICATION WHICH IS OMITTED. THE CLASSIFICATION IS APPLIED TO RIGHT SIDE ONLY WHEN VEHICLE IS TOWED.)



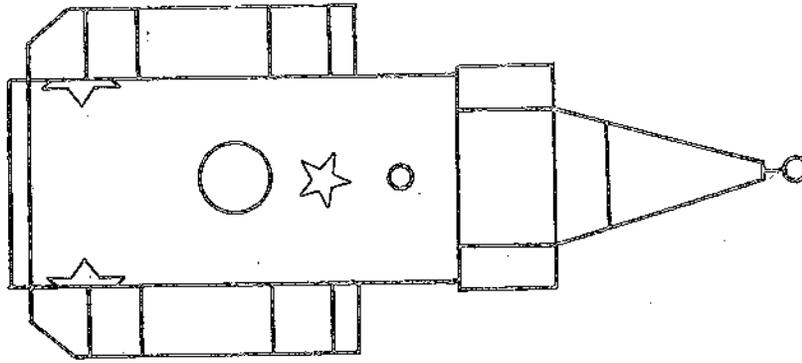
REAR



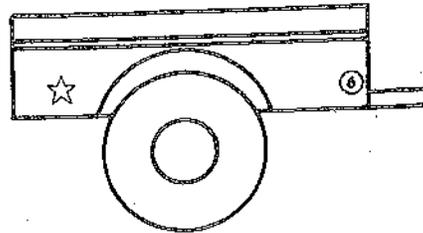
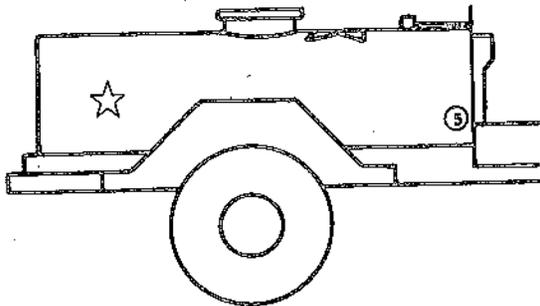
FRONT

TA011355

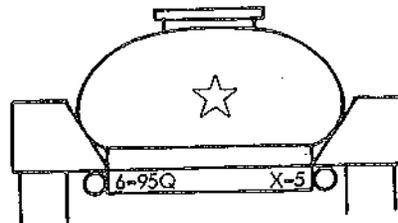
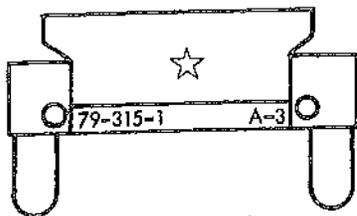
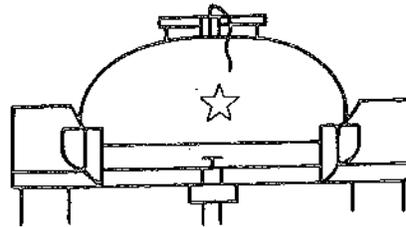
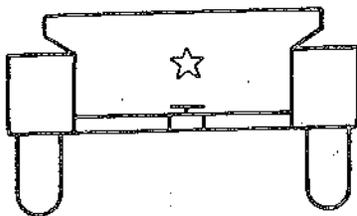
Figure 8. Marking locations—combat vehicles (5 of 5).



TOP VIEW



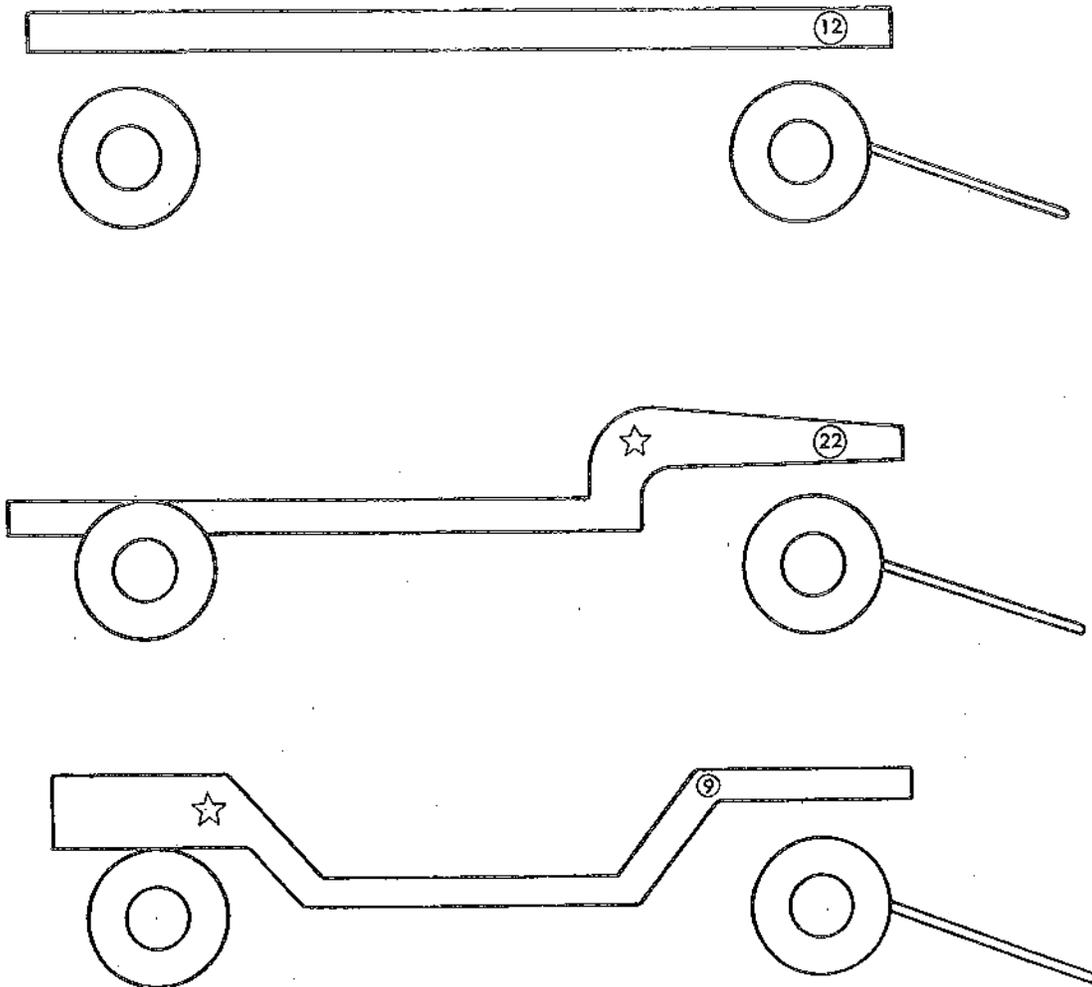
RIGHT SIDE VIEWS  
 (LEFT SIDES ARE MARKED SIMILARLY EXCEPT FOR  
 WEIGHT CLASSIFICATIONS WHICH ARE OMITTED)



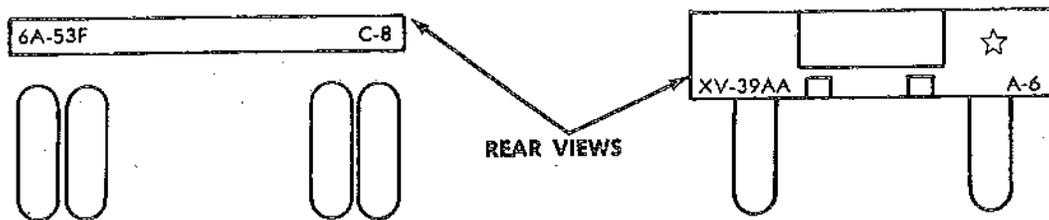
REAR VIEWS

TA035409

Figure 9. Marking locations—cargo trailers and tankers.

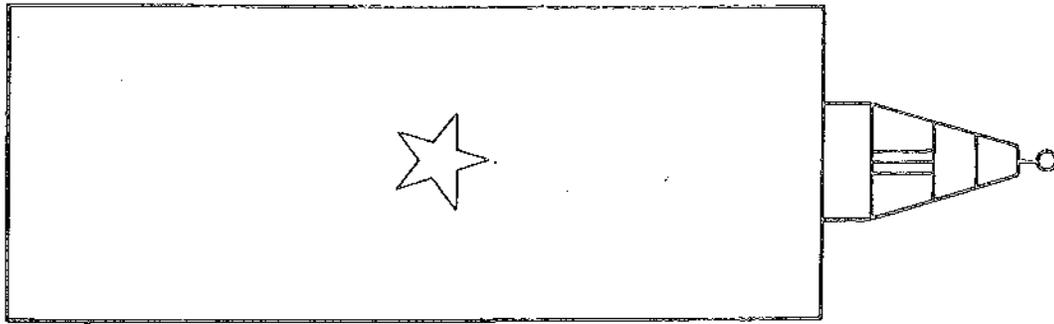


**RIGHT SIDE VIEWS**  
 (LEFT SIDE IS SIMILARLY MARKED EXCEPT FOR THE  
 WEIGHT CLASSIFICATION WHICH IS OMITTED)

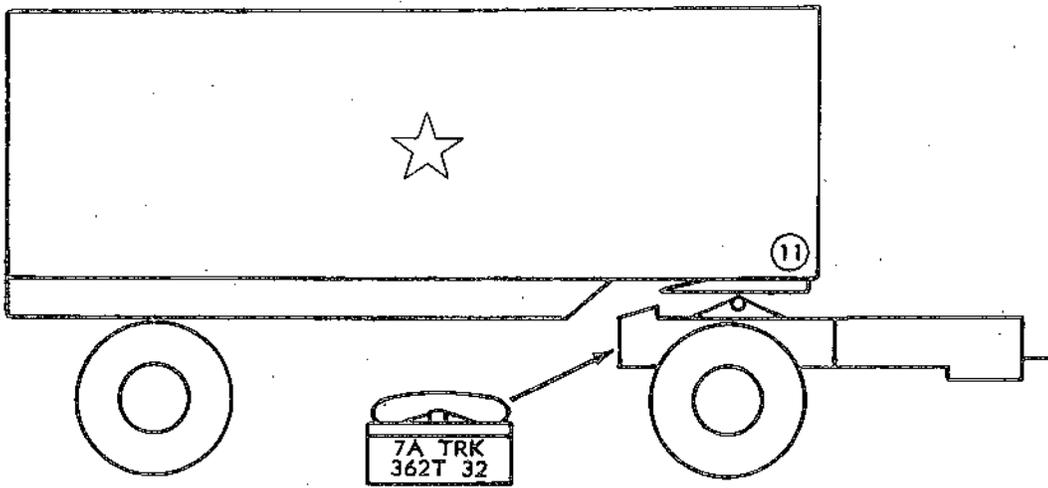


TA035410

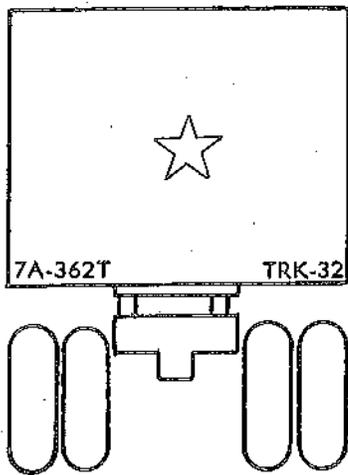
Figure 10. Marking locations—dollies.



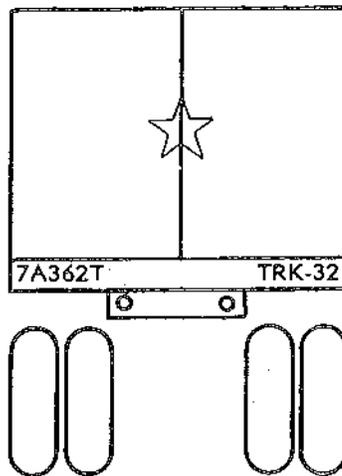
TOP



**RIGHT SIDE**  
 (LEFT SIDE IS SIMILARLY MARKED EXCEPT  
 FOR WEIGHT CLASSIFICATION WHICH IS OMITTED)



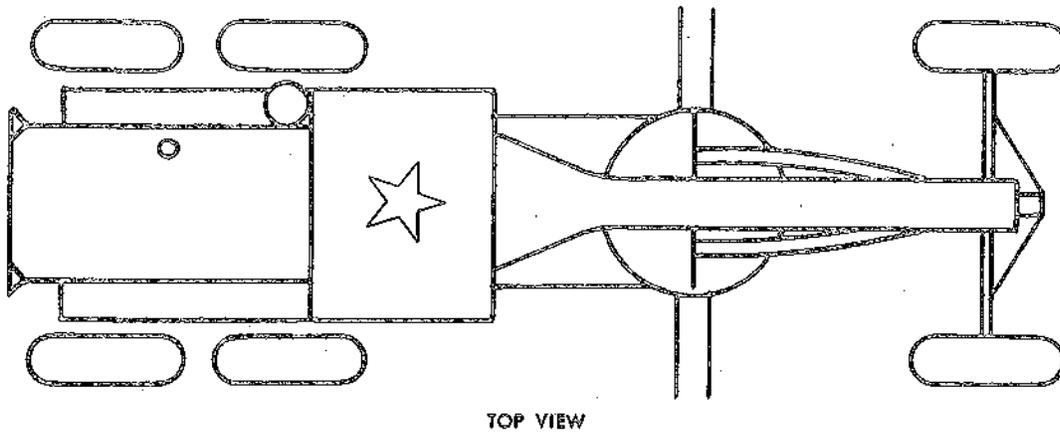
FRONT



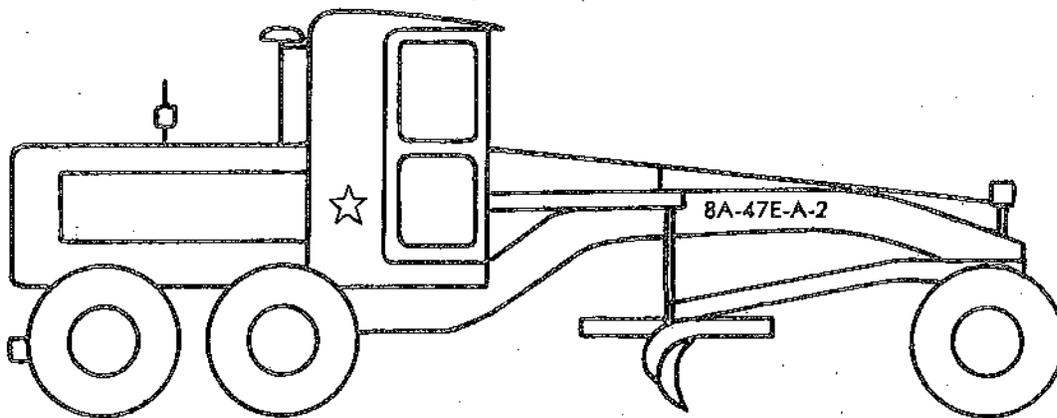
REAR

TA035411

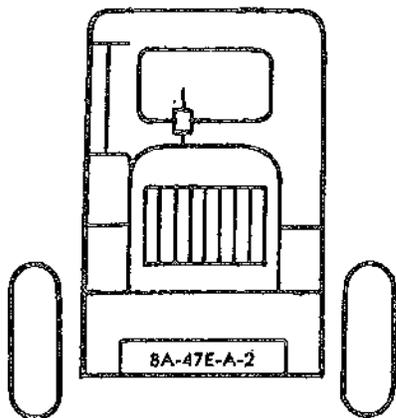
Figure 11. Marking locations—trailer and semitrailer van.



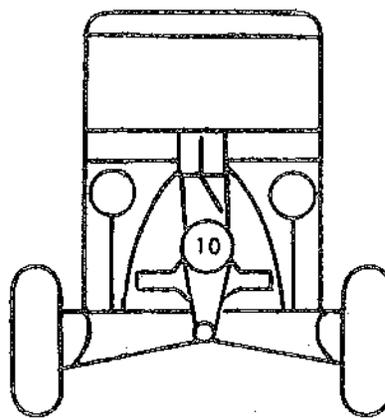
TOP VIEW



RIGHT SIDE  
(LEFT SIDE IS SIMILARLY MARKED)



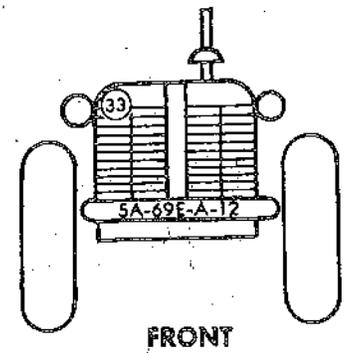
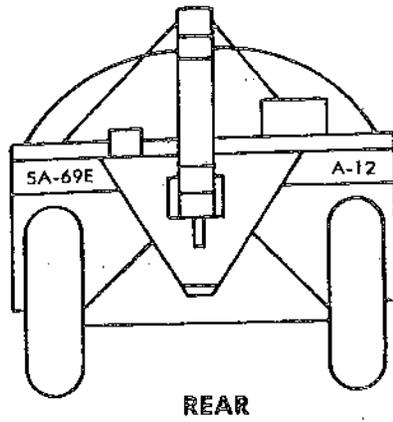
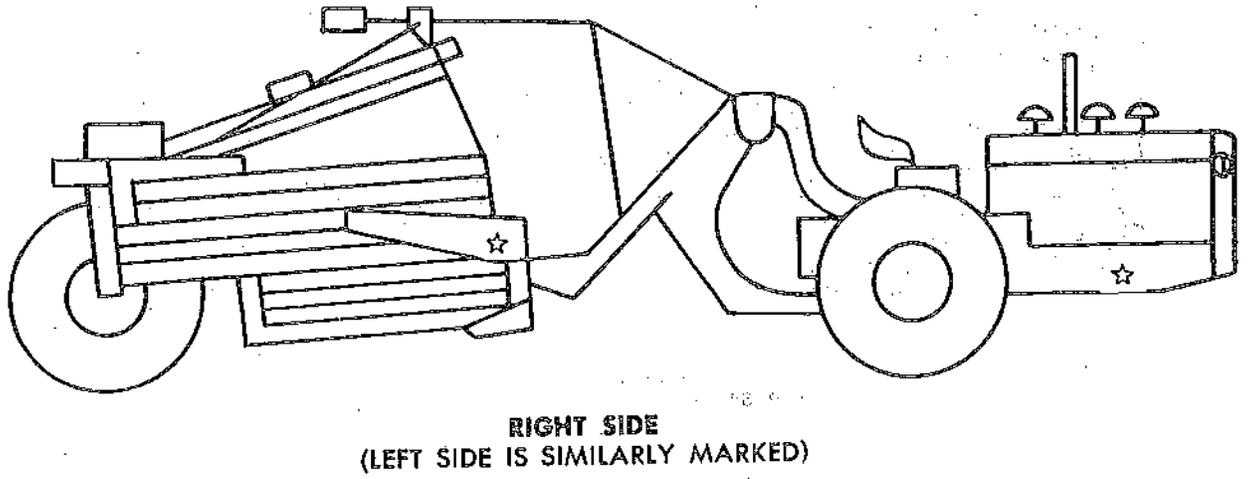
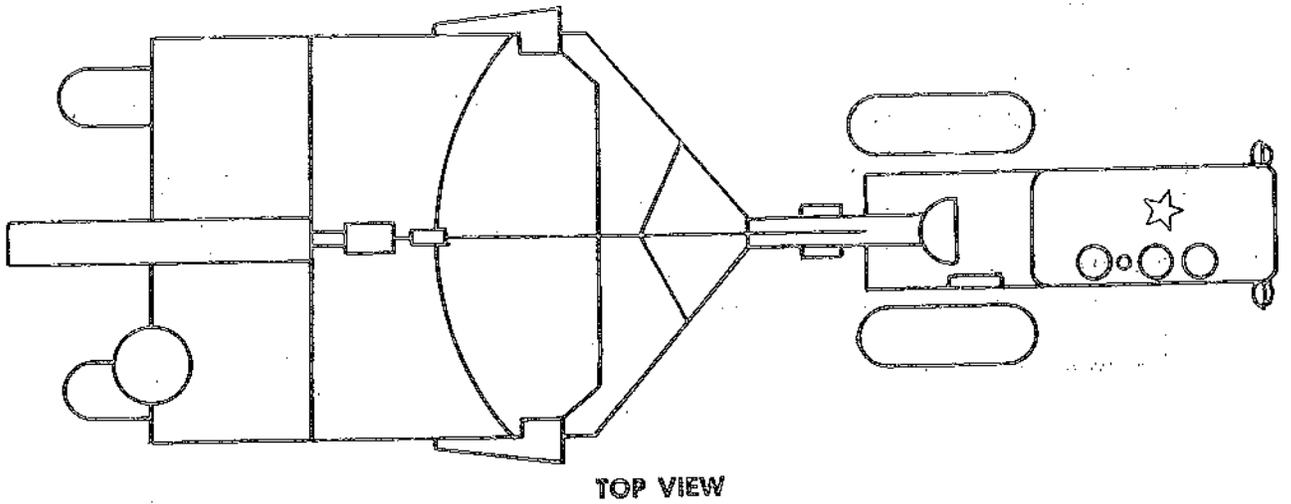
REAR



FRONT

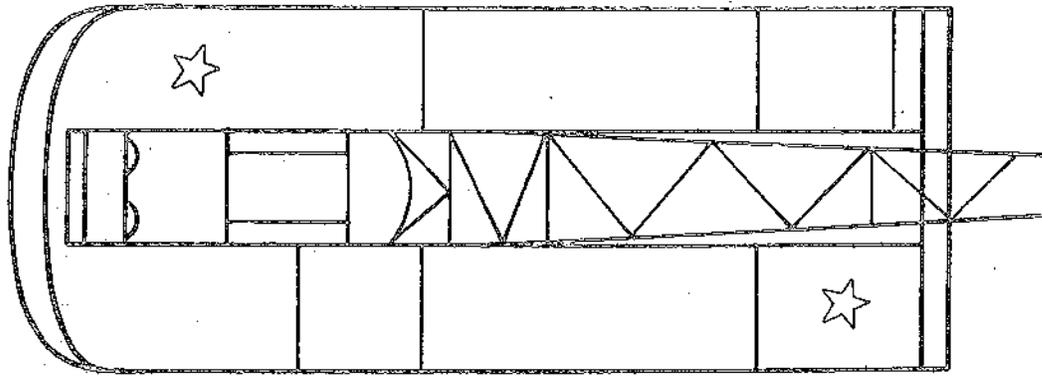
TA035412

Figure 12. Marking locations—construction and highway construction equipment.

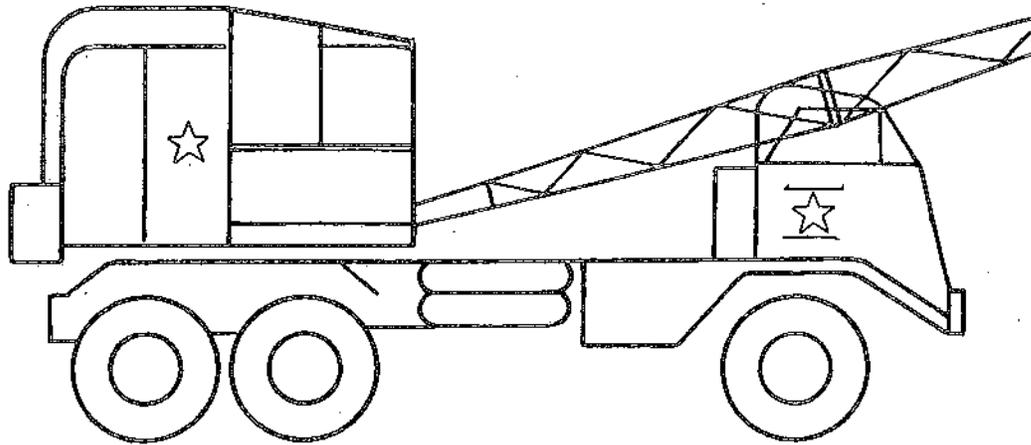


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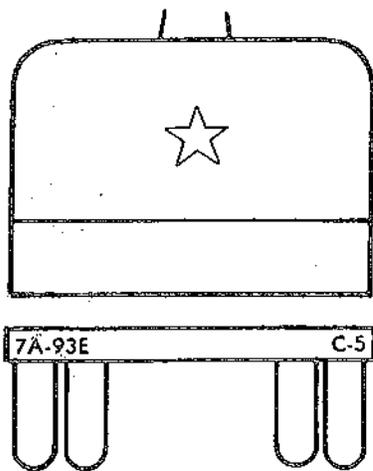
Figure 12. Marking locations—construction and highway construction equipment.



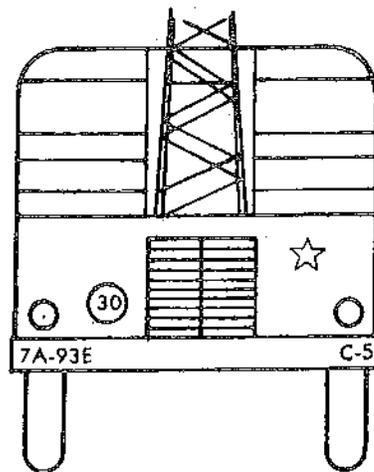
TOP VIEW



RIGHT SIDE  
(LEFT SIDE IS SIMILARLY MARKED)



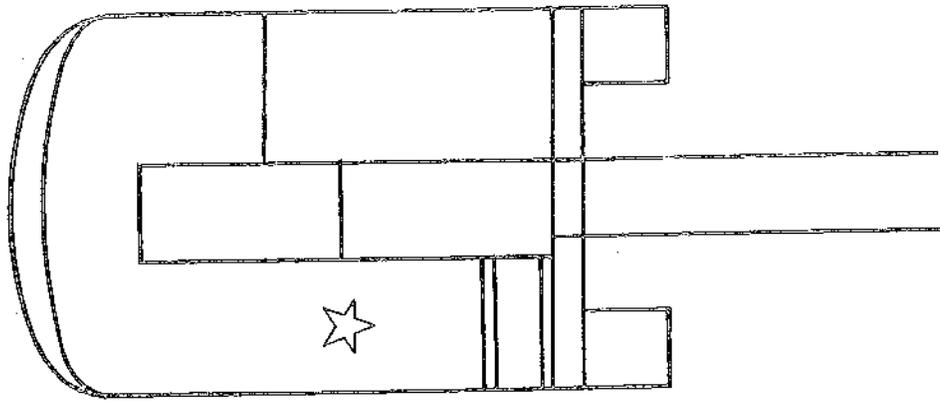
REAR



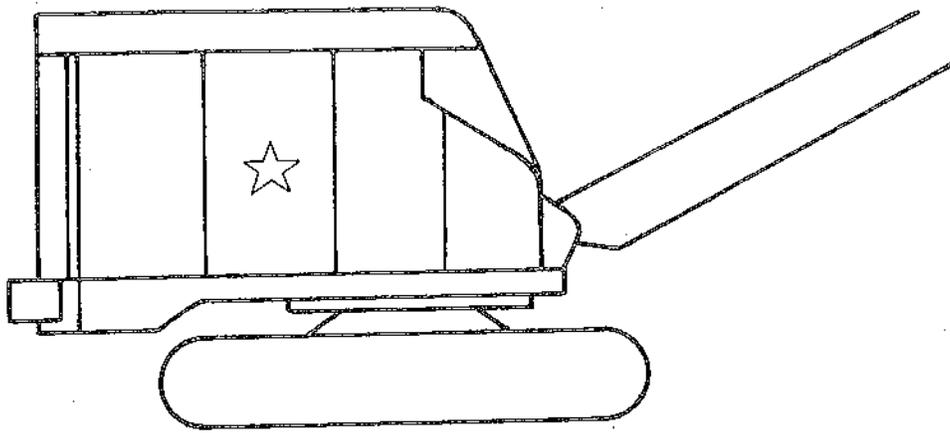
FRONT

TA035414

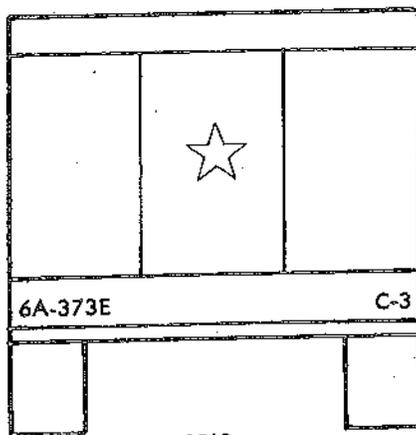
Figure 12. Marking locations—construction and highway construction equipment.



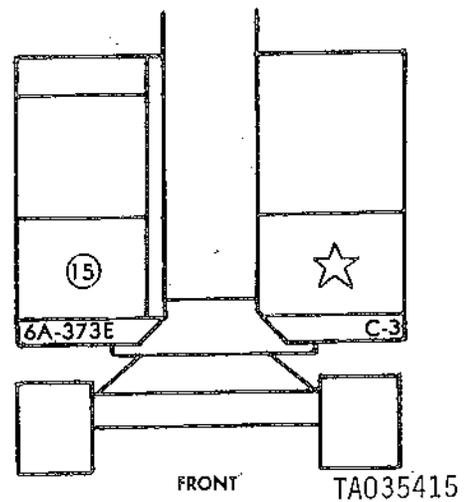
TOP VIEW



RIGHT SIDE  
(LEFT SIDE IS SIMILARLY MARKED)



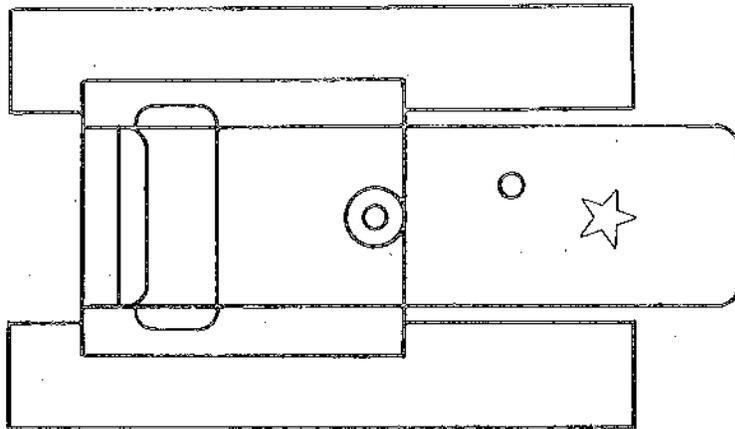
REAR



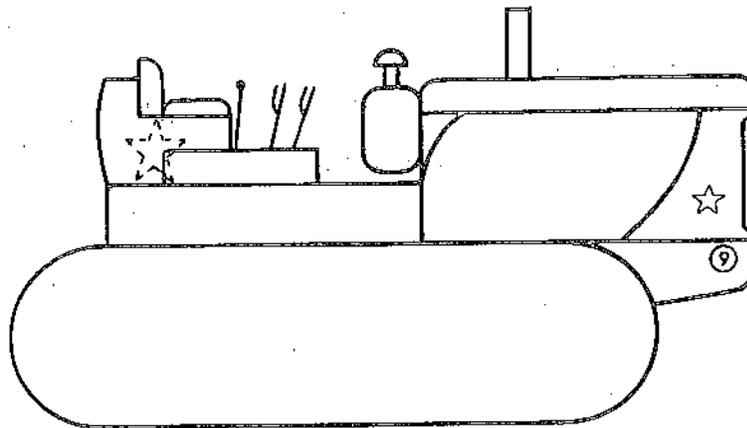
FRONT

TA035415

Figure 12. Marking locations—construction and highway construction equipment.

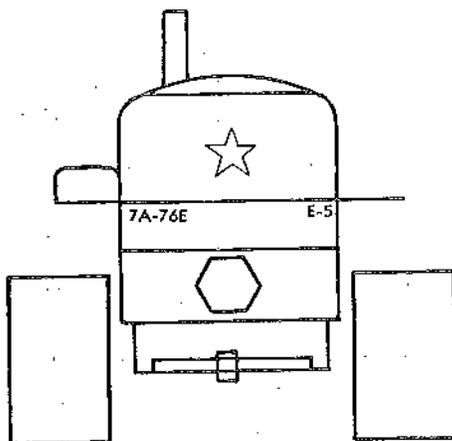


TOP VIEW

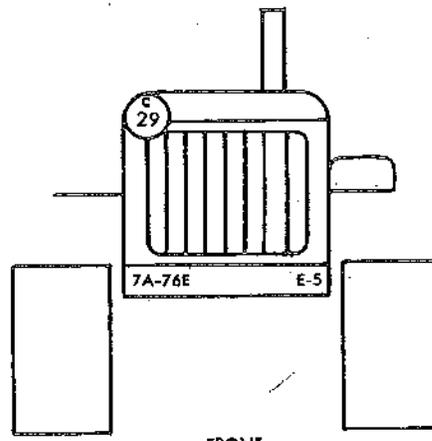


RIGHT SIDE

(LEFT SIDE IS SIMILARLY MARKED EXCEPT FOR WEIGHT CLASSIFICATION WHICH IS OMITTED. THE CLASSIFICATION IS APPLIED TO RIGHT SIDE ONLY WHEN TRACTOR IS TOWING OR IS TOWED.)



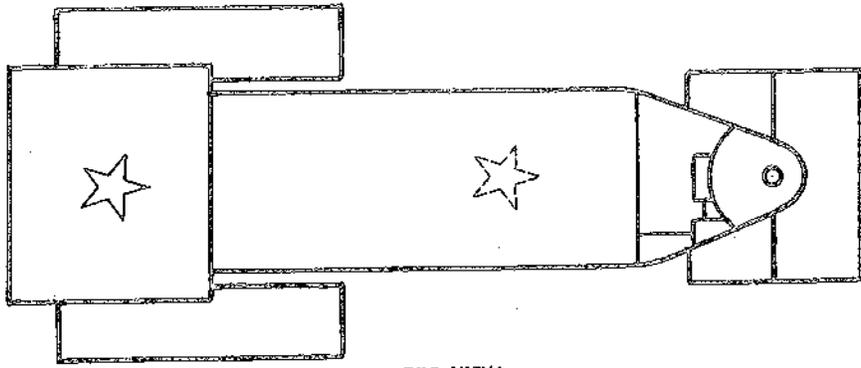
REAR



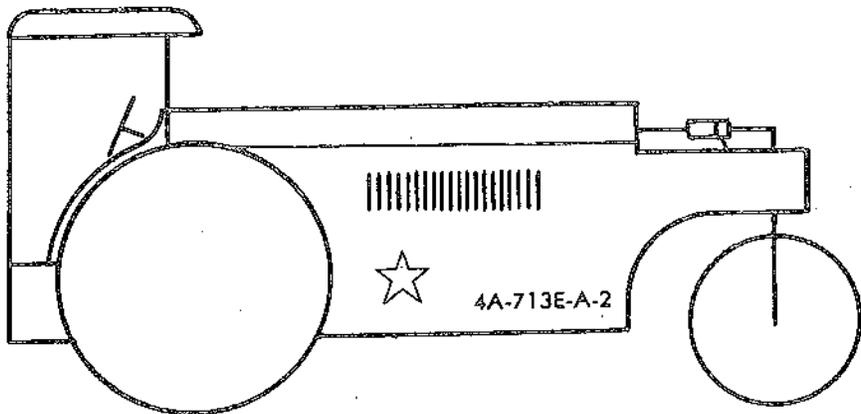
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TA035416

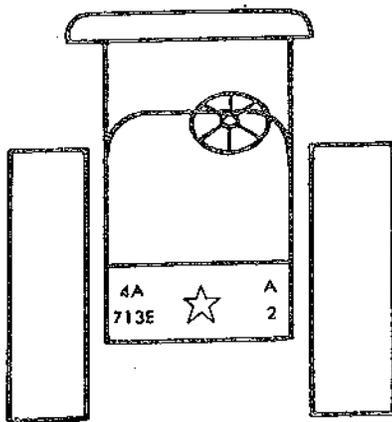
Figure 12. Marking locations—construction and highway construction equipment.



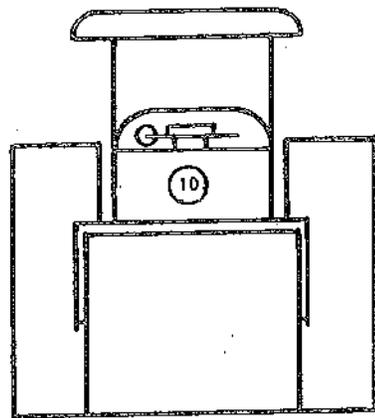
TOP VIEW



RIGHT SIDE  
(LEFT SIDE IS SIMILARLY MARKED)



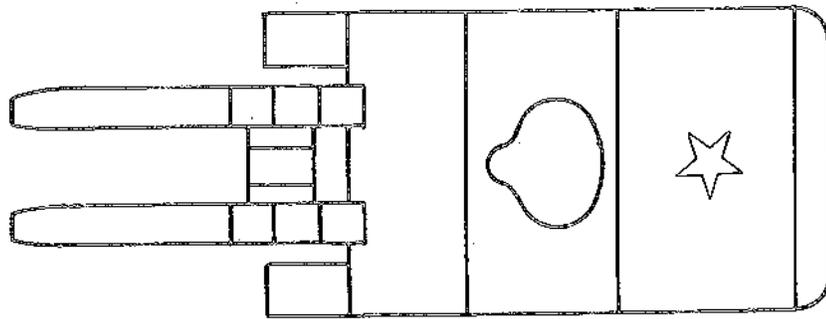
REAR



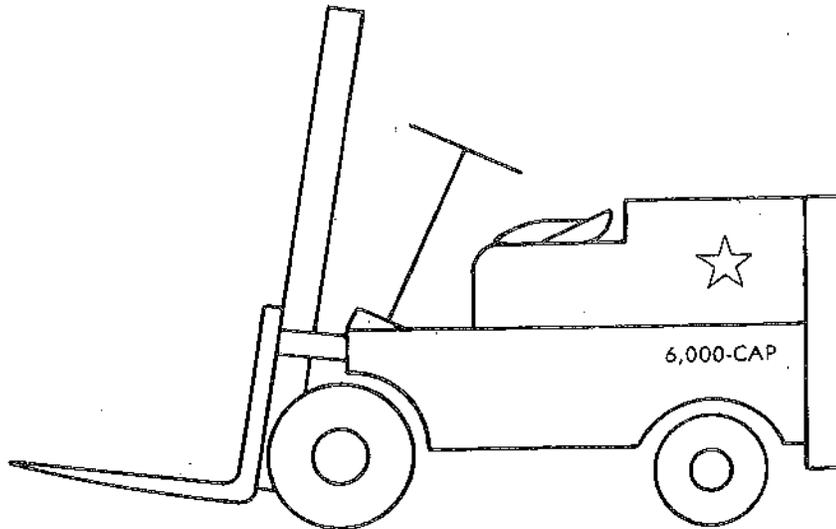
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TA035417

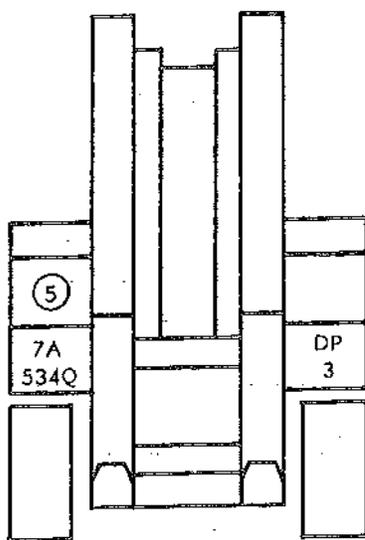
Figure 12. Marking locations—construction and highway construction equipment.



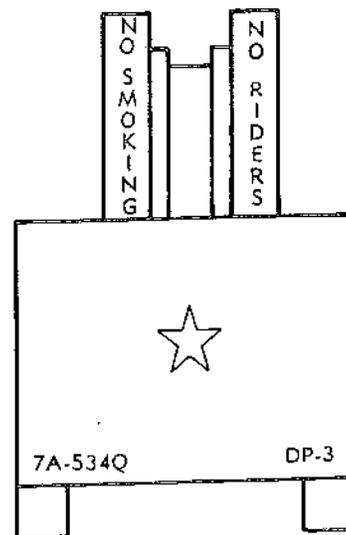
TOP VIEW



LEFT SIDE  
(RIGHT SIDE IS SIMILARLY MARKED)



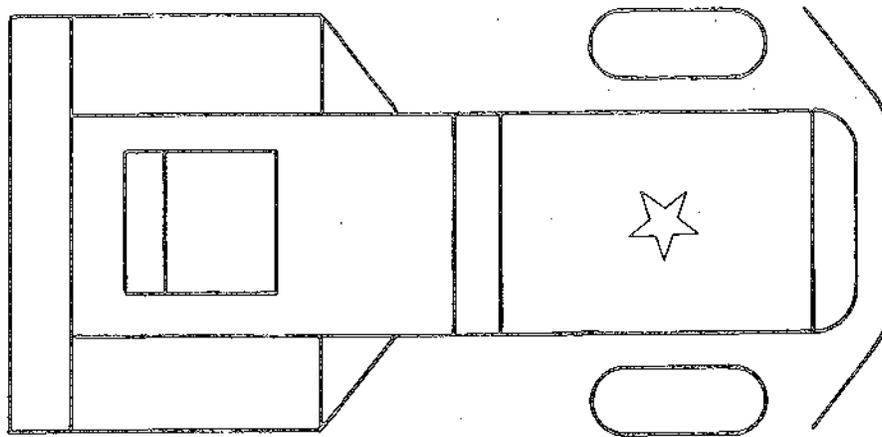
FRONT



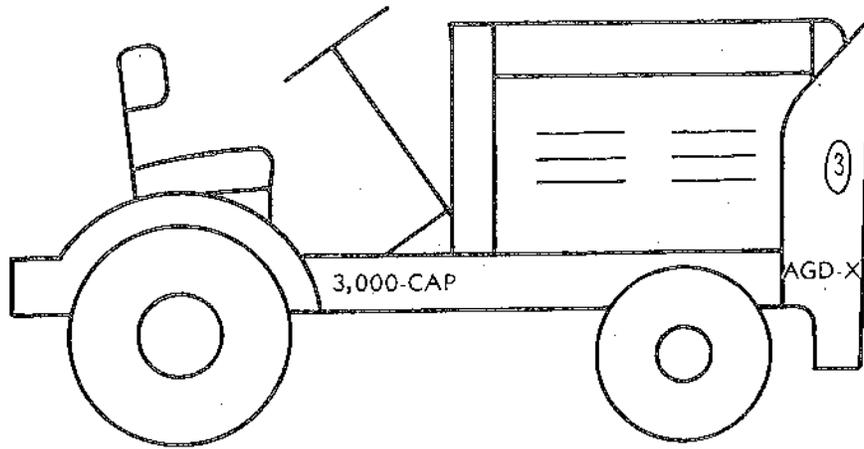
REAR

TA035418

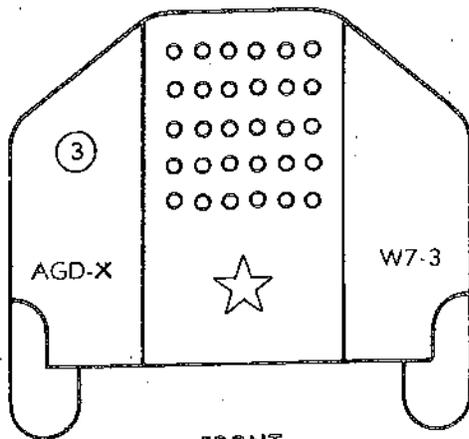
Figure 13. Marking locations—materials handling equipment.



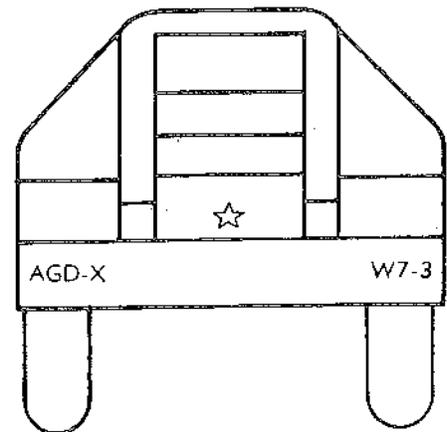
TOP VIEW



RIGHT SIDE  
(LEFT SIDE IS SIMILARLY MARKED)

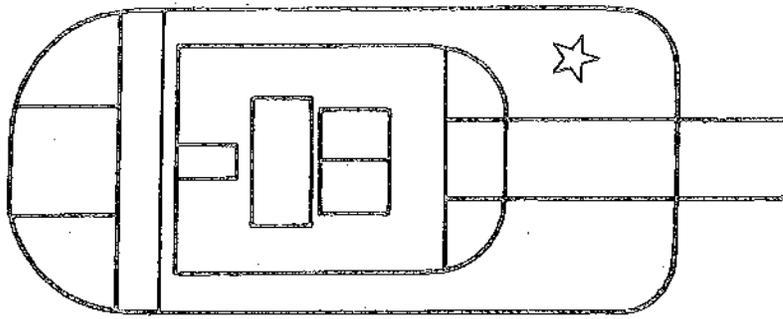


FRONT

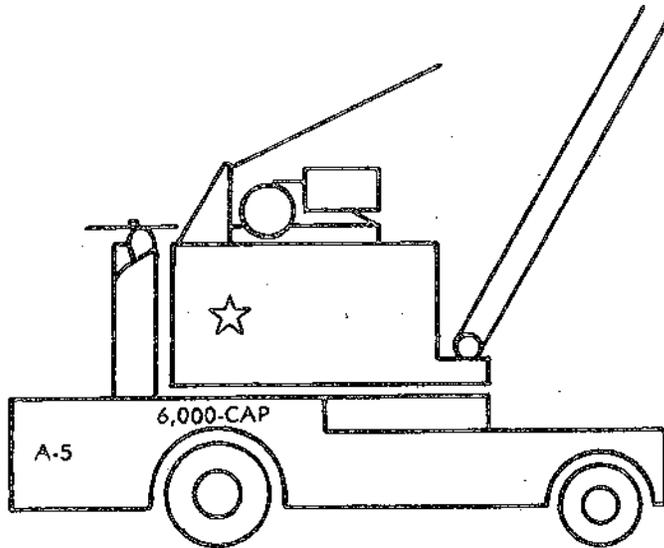


REAR TA035419

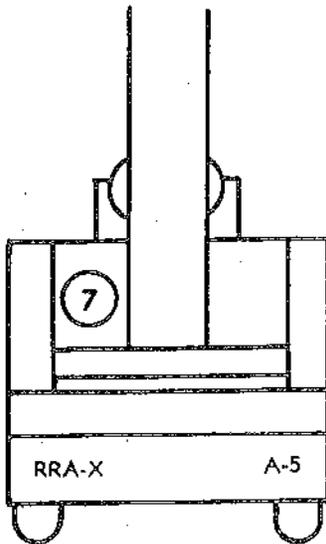
Figure 13. Marking locations—materials handling equipment.



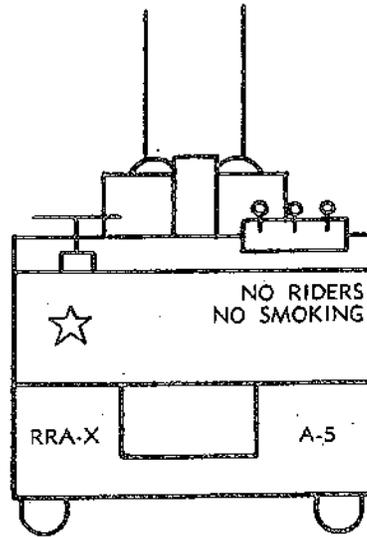
TOP VIEW



RIGHT SIDE  
(LEFT SIDE IS SIMILARLY MARKED)



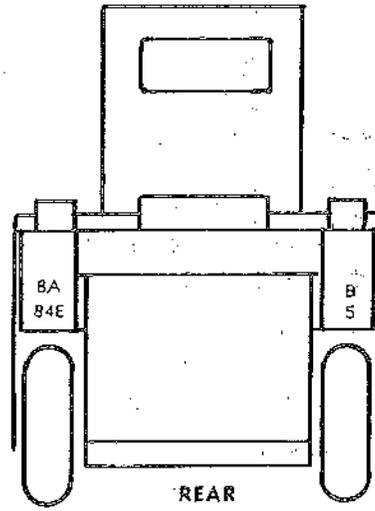
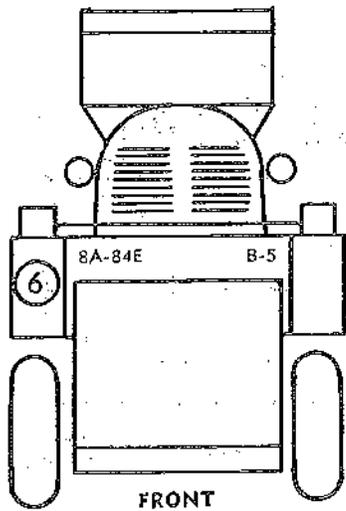
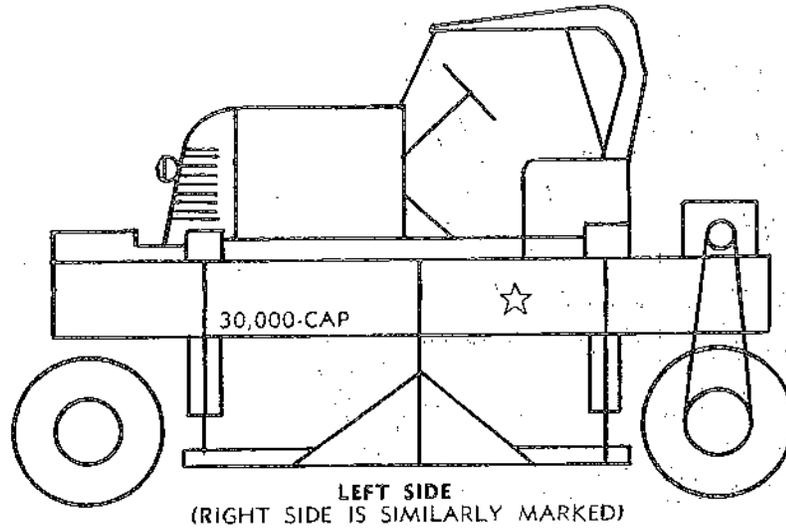
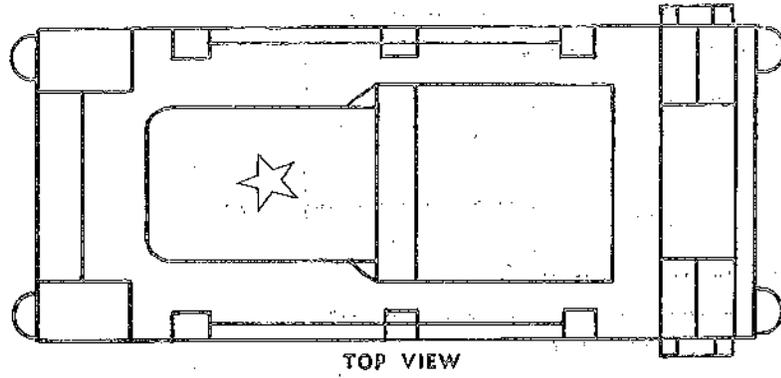
FRONT



REAR

TA035420

Figure 13. Marking locations—materials handling equipment.



TA035421

Figure 13. Marking locations—materials handling equipment.

c. The markings will be in uniform letters and numerals of the largest size practical, but not to exceed four inches in height. Symbols used will be approximately the same size and stroke widths as the letter and numeral characters.

d. The unit identification markings will be applied with a temporary paint or with removable adhesive-backed decals. The markings will be applied in colors as prescribed in paragraph 5e and in appendix A.

e. Unit identification markings, when painted, will be applied by stencils whenever possible. When stencils or removable adhesive-backed decals are not readily available, the markings may be applied freehand with a brush at the discretion of the unit commander.

f. As indicated in appendix A, unit identification markings are divided into four elements arranged from left to right:

- (1) Major Command, Organization or Activity.
- (2) Intermediate Organization or Activity.
- (3) Unit or Activity
- (4) Vehicle or Equipment number.

g. Beginning on the left side, the first marking denotes Major Command, Organization or Activity as follows:

- (1) Army-Arabic numeral followed by A.
- (2) Corps-Roman numeral only
- (3) Command
- (4) Army Air Defense Command AADC
- (5) Army Reserve Command—Arabic numeral as assigned, followed by C-R
- (6) Training and Doctrine Command TRADOC
- (7) Electronics Command ELC
- (8) Field Army Support Command-arabic numeral as assigned, followed by FASC
- (9) Missile Command MIC
- (10) Tank-Automotive Command TAC
- (11) Test & Evaluation Command TEC
- (12) Armanent Command ARM
- (13) Military District of Washington MDW
- (14) Major Oversea Command (See AR 310-50)
- (15) Group-arabic numeral followed by GP
- (16) Other Major Commands, Organizations, or Activities. Appropriate and non-conflicting letters and, where applicable, numerals to properly identify the Command, Organization or Activity. See AR 310-50.

h. The second unit marking on the left side denotes Intermediate Commands, Organizations or Activities as follows:

- (1) Corps-roman numeral only
- (2) Division-arabic numeral followed by appropriate service designation shown in *k* below.
- (3) Brigade-arabic numeral followed by BDE
- (4) Group-arabic numeral followed by GP
- (5) Command
- (6) Division Support Command DSC

(7) Army Posts, Camps and Stations - See AR 310-50

(8) Army Depots and Arsenals - See AR 310-50

(9) Reception Center RC

(10) Replacement Training Center - RTC, preceded by appropriate service designation shown in *k* below.

(11) Battalion or Squadron organic to a larger force. Arabic numeral designating the battalion/squadron, followed by a slash (/), followed by the arabic numeral designating the larger force, followed by the appropriate service designation shown in *k* below.

(12) Other Intermediate Command, Organization or Activity. Appropriate and non-conflicting letters, and where applicable, numerals to properly identify the Command, Organization or Activity. See AR 310-50.

i. The third markings, which will appear on the right side in the unit markings (see para *g1* below) denotes company, battery, or other small unit, some typical examples of which are shown below:

- (1) Automatic Weapons ..... AW
- (2) Calibration ..... CAL
- (3) Collection & classification ..... C&C
- (4) Direct support .. DS
- (5) Explosive Ordnance Disposal ..... EOD
- (6) Floating Bridge FLB
- (7) General Supply GSP
- (8) Heavy Equip Maintenance ..... HEM
- (9) Inventory Control Co. (center) .... ICC
- (10) Light Truck ... LTRK
- (11) Missile ..... MSL
- (12) Medium Boat .. MB
- (13) Panel Bridge .. PB
- (14) Petroleum ..... PET
- (15) Reconnaissance R
- (16) Repair Parts Supply ..... RPS
- (17) Service ..... SV
- (18) Support ..... SPT
- (19) Supply & Service ..... S & S
- (20) Transportation Motor Pool ..... TMP
- (21) Tire Repair .... TR

(22) Other Units-Appropriate and non-conflicting letters, normally not to exceed three, which will easily identify the unit. AR 310-50 should be used as a guide when choosing a unit designation.

j. The last marking on the right denotes the vehicle number in the unit. In tactical type units, vehicles will be numbered in the sequence of their normal order of march. Vehicles in administrative use assigned to transportation motor pools or depot operations may be marked in any appropriate sequence. Trailers will be marked with the same number as the vehicle which normally tows them, preceded by the letter T.

k. Branch of Service-The following symbols will be used to denote the branch of service:

- (1) Airborne ..... ABN
- (2) Airmobile ..... AM
- (3) Amphibious .... APH
- (4) Antiaircraft .... AA
- (5) Armored ..... Equilateral triangle with  
base down
- (6) Cavalry ..... CAV
- (7) Air Cavalry .... ACAV
- (8) Armored Cavalry Equilateral triangle with  
base down, followed by CAV
- (9) Chemical ..... C
- (10) Civil Affairs ... CA
- (11) Engineer ..... E
- (12) Field Artillery . F
- (13) Infantry ..... I, preceded by a dash 1  
in. long
- (14) Mechanized ... MCH
- (15) Medical ..... M
- (16) Military  
Intelligence ..... MI
- (17) Military Police . P
- (18) Ordnance ..... O, preceded by a dash 1  
in. long
- (19) Quartermaster . Q
- (20) Signal ..... S
- (21) Transportation . T

l. Some unit abbreviations that may be used are shown in appendix 1.

m. Typical examples of the above markings are as follows:

- (1) 1A-X-HQ-4: First United States Army, Hq & Hq Co, 4th vehicle
- (2) VII-M-X-9: VII Corps, Med Det, 9th vehicle
- (3) 25-1/27-C-3: 25th Inf Div, 1st Bn, 27th Inf, Co C, 3d vehicle
- (4) 4-2R8-A-6: 4th Div, 2d Recon Sq of 8th Cav, Trp A, 6th vehicle
- (5) 3-1-32-B-7: 3d Armd Div, 1st Tk Bn of 32d Armor, Co B, 7th vehicle
- (6) 10-2F7-C-2: 10th Inf Div, 2d Bn of 7th FA, Btry C, 2d vehicle
- (7) 82AB-820F-D-5: 82d Abn Div, 820th FA, Btry D, 5th vehicle
- (8) 2-1-150-A-8: 2d Armd Div, 1st AR Bn of 50th Inf, Co A, 8th vehicle 2-BDE
- (9) bg-53 APH-A-4: 2d Engr Amph Spt Brig,

53-2d Amph Spt Regt, Trans Boat Co A, 4th vehicle  
(10) 4GP-S-HQ-2: 4th Sig Gp, Hq & Hq Det, 2d vehicle

(11) 1A-962-G-AM-5: First United States Army, 962 Ord Ammo Co, 5th Vehicle

(12) 4A-483Q-REF-1: Fourth United States Army, 483d Q Refrigerating Co, 1st vehicle

(13) 3A-1M-SUR-10: Third United States Army, 1st Surg Hosp, 10th vehicle

(14) 5A-531T-TRK-7: Fifth United States Army, 531st Trans Trk Co, 7th vehicle

(15) 1AADC-52ADA-3HQ-2: 1st Rgn Army Air Def Comd, 52d Air Def Arty Rgt, Hq Btry of 3d Msl Bn, 2d vehicle.

(16) TC-FE-TMP-12: Trans Corps, Ft. Eustis, Trans Mtr Pool, 12th vehicle.

(17) 6A-FO-TMP-9: Sixth United States Army, Ft Ord, Trans Mtr Pool, 9th vehicle

n. The unit identification markings will be applied on one line whenever possible, and will consist of each of the four basic categories described above, in the same order. Where space is limited, requiring the use of two lines, the Major Command marking will appear directly above the Intermediate Activity, and the Unit Identification will appear directly above the Vehicle Number. The first two categories will appear to the left of the last two categories. The following arrangements of markings shown in f above are permitted.

(1) f(1)-f(2)-f(3)-f(4)

(2) f(1)-f(2);f(3)-f(4)

(3) f(1)-f(3)

f(2)-f(4)

(4) f(1); f(3)

f(2); f(4)

o. When directed on authority from the responsible commander for security purposes, the first and second categories listed in this paragraph will be completely removed from all vehicles and equipment being shipped with units outside the continental United States.

10. Operational Markings. a. Tactical markings are used to provide a more visible means for identifying vehicles of tactical units by the personnel of those units during tactical operations. Commanders of major organizations are responsible for determination of the type of tactical markings to be used by all units within their organizations and the location of the markings on the vehicles. Changes may be made only with the approval of the major commanders.

(1) These tactical markings may consist of stripes, geometrical figures, or other simple designs, including name for individual vehicles.

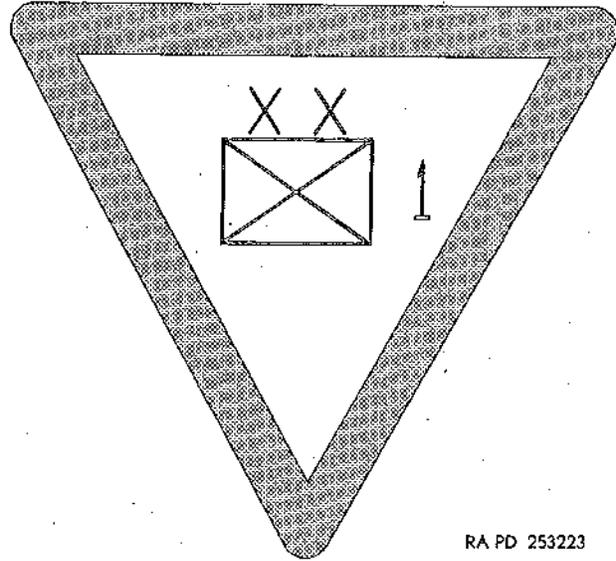
(2) The markings will be of suitable size for identification from the ground at reasonable distances, and may be applied in any appropriate

color using temporary paint or removable adhesive-backed decal markings.

(3) Tactical markings should be designed to be as nearly unintelligible to enemy observation as possible. The markings will not, in any way, represent or suggest the numerical designation or distinctive insignia of any unit. No written record will be made or published describing the system of markings used.

b. Priority sign is a sign to mark those vehicles which are assigned priority of movement over all other vehicles in an area by the responsible area commander. These markings may be authorized for any significant and essential reason and are valid only within the area under the jurisdiction of the responsible commander. They must be removed when no longer required for the priority mission. They may not be displayed when the vehicle is not actually on a priority mission.

(1) The priority sign will be made of sheet metal in the shape of an equilateral triangle with one point down. Each side will be 12 inches long; the corners will be rounded to a  $\frac{1}{2}$  inch radius. Refer to figure 14.



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Figure 14. Priority sign.

(2) The background color will be lusterless white, Color Chip No. 37875. A one inch border will be lusterless red, Color Chip No. 31136. The military symbol of the organization, whose commander authorized the priority, will be centered in the triangle. Color of the symbol will be lusterless red, Color Chip No. 31136.

(3) All symbols used will conform to FM 21-30.

## SECTION IV.

### SPECIAL MARKINGS

11. **Safety Markings.** *a.* Vehicles used for the bulk transportation of gasoline, fuel oil or other flammable liquids will be marked on both sides and on the rear of the body with the word "FLAMMABLE" in 6 inch block letters, and directly below where space permits, or on the same line with the words "NO SMOKING WITHIN 50 FEET" in 3 inch block letters and numerals. On vehicles which are used under tactical conditions, markings will be lusterless white No. 37875. Vehicles which are used on public highways in CONUS, whether military or commercial design, must comply with Title 49, Code of Federal Regulations, Section 177.823, which requires the above markings in red lettering on a white background allowing a 1 inch margin all around the lettering. Lettering will be gloss red No. 11105 or 11136, and background will be gloss white No. 17875. On vehicles customarily used on public highways the markings may be permanently installed by painting or by use of adhesive-backed decals. Vehicles infrequently used on public highways and camouflaged vehicles will be marked by the use of removable or reversible signs which are securely fastened while in use. Individual vehicles in convoy must comply with the above requirements.

*b.* Vehicles carrying explosives or other dangerous materiel will be marked as follows:

(1) When used for the transportation of such dangerous materiel over public highways, vehicles will be marked or equipped with appropriate placards in accordance with AR 55-355.

(2) When used for the transportation of such dangerous materiel to training areas, vehicles will be marked or equipped with placards on both sides and ends. The word "Explosives" will be marked in white letters not less than 3 inches high on a red background in accordance with AR 385-63. Reflectorized placard should be used. These are available as follows:

"Explosives A" - NSN 9905-00-880-5359

"Explosives B" - NSN 9905-00-880-5960

*c.* When authorized by the responsible commander, stripes of a contrasting color may be applied to certain vehicles (fig. 14A) and equipment used in a nontactical area, which, because of size, construction or function, presents a possible hazard. These stripes are applied to permit vehicles to be more readily seen by drivers of other vehicles. They are normally applied to the rear of

such vehicles; they may, however, be also applied to the front or certain side surfaces if required.

(1) The stripes will be applied across the face of the bumper, or across the width of the vehicle on a flat surface above the bumper in a band not to exceed two feet in height. Other appropriate surfaces may be utilized when necessary.

(2) Width of the stripes will be 4 inches with a 4 inch space between stripes. They will be inclined at a 45° angle in opposite directions from the center line of the vehicle to form an inverted V pattern.

(3) Reflective red and white adhesive-backed stripes conforming to Federal Specification LS-300 will be utilized.

(4) Gloss black, Color Chip No. 17038, will be used for stripes on vehicles painted yellow or other light color.

*d.* DA Label 76 (A Good Driver) for promoting safe driving practices, may be requisitioned through normal publications supply channels and will be applied to all motor vehicles as follows:

(1) Truck, utility, ¼ T, M151 - Windshield frame, below the glass and to the left of the steering column.

(2) Trucks, ¾ T and over - Upper and forward end of the left front inside door panel.

(3) Tanks, self-propelled artillery, personnel and cargo carriers, high speed and cargo tractors, and tank recovery vehicles - Left bulkhead at operators eye level.

*e.* All motorized materials handling equipment will be marked with the legends "No Smoking" and "No Riders."

(1) These legends will be placed on a surface facing the operator.

(2) The markings will be applied in 1 inch letters in lusterless white No. 37875 for vehicles in tactical use, and in gloss red No. 11105 or 11130 for nontactical vehicles.

(3) The markings may be applied horizontally to read left to right or vertically to read top to bottom.

*f.* Fuel and oil dispensing vehicles and equipment used for servicing aircraft will be marked with the grade of fuel or oil on each side of the tank. Marking will be lusterless white No. 37875 in the following sizes:

- (1) Semitrailers . . . . . 6 inches high
- (2) Trucks . . . . . 4 inches high
- (3) 2-Wheel trailers . . . . . 3 inches high

#### NOTE

For hard top vehicles (Fig. 14b) with Explosive Ordnance Disposal marking (DOD) roof must be painted in lusterless white so as to reduce the internal temperature. This will also reduce bleed off of the liquid nitrogen.

g. Examples of such markings follow:

- (1) Gasoline (number) grade
- (2) Oil (number) grade
- (3) Water alcohol
- (4) Explosive Ordnance Disposal (EOD)

Where available and certified, the capacity of tank compartments in gallons will be marked below and to the right of the manhold covers: "( ) Gals Cap" in 2 inch letters and numerals.

12. **Technical Markings.** a. The prescribed vehicle tire pressure will be marked on the dash of all motor vehicles and pneumatic tired equipment. This marking will also be applied to the fenders above each wheel or, if fenders are not used, to the body or frame immediately above each wheel. On towed vehicles or equipment, this marking will be applied to the body or frame immediately above each wheel. On tandem axle vehicles, the marking will be centered between the two wheel sets.

(1) The markings will consist of the numerals representing the proper pressures, preceded by the letters TP.

(2) Letters and numerals will be 1 inch high and in the same color as the unit markings.

b. When maximum speed is specified by a manufacturer, or in an applicable technical manual, and when appropriate operation plates are not available, the maximum speed of the vehicle in its highest range and gear ratio will be marked on the dash.

(1) The marking will consist of the numerals representing maximum speed, preceded by the abbreviation "Max Speed."

(2) Letters and numerals will be 1 inch high and in the same color as the unit markings.

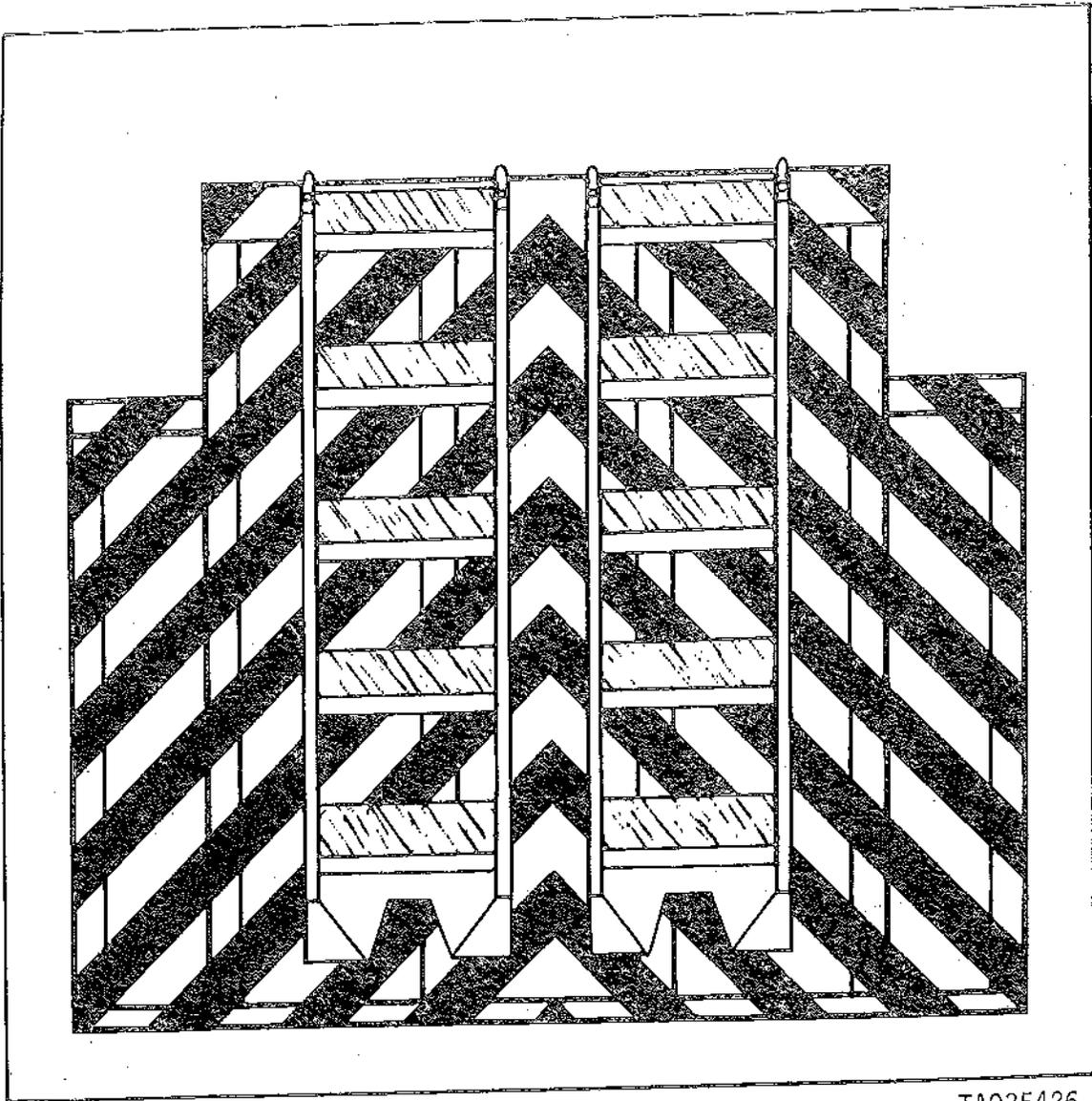
c. All vehicles and equipment processed with special arctic lubricants, and/or other materials for operation in cold climates, will be marked with a temporary marking as follows:

(1) The words "Arctic Lubricated" will be marked in the following order of preference:

(a) Adjacent to the name or identification plate.

(b) On other conspicuous location in order that the markings may be readily seen prior to operation or use. Specific locations may be prescribed in applicable technical publications for the vehicle or equipment.

(2) Letters of the marking will be 1 inch high and in the same color as the unit markings.



TA035426

*Figure 14A. Safety markings, calibration van liftgate.*

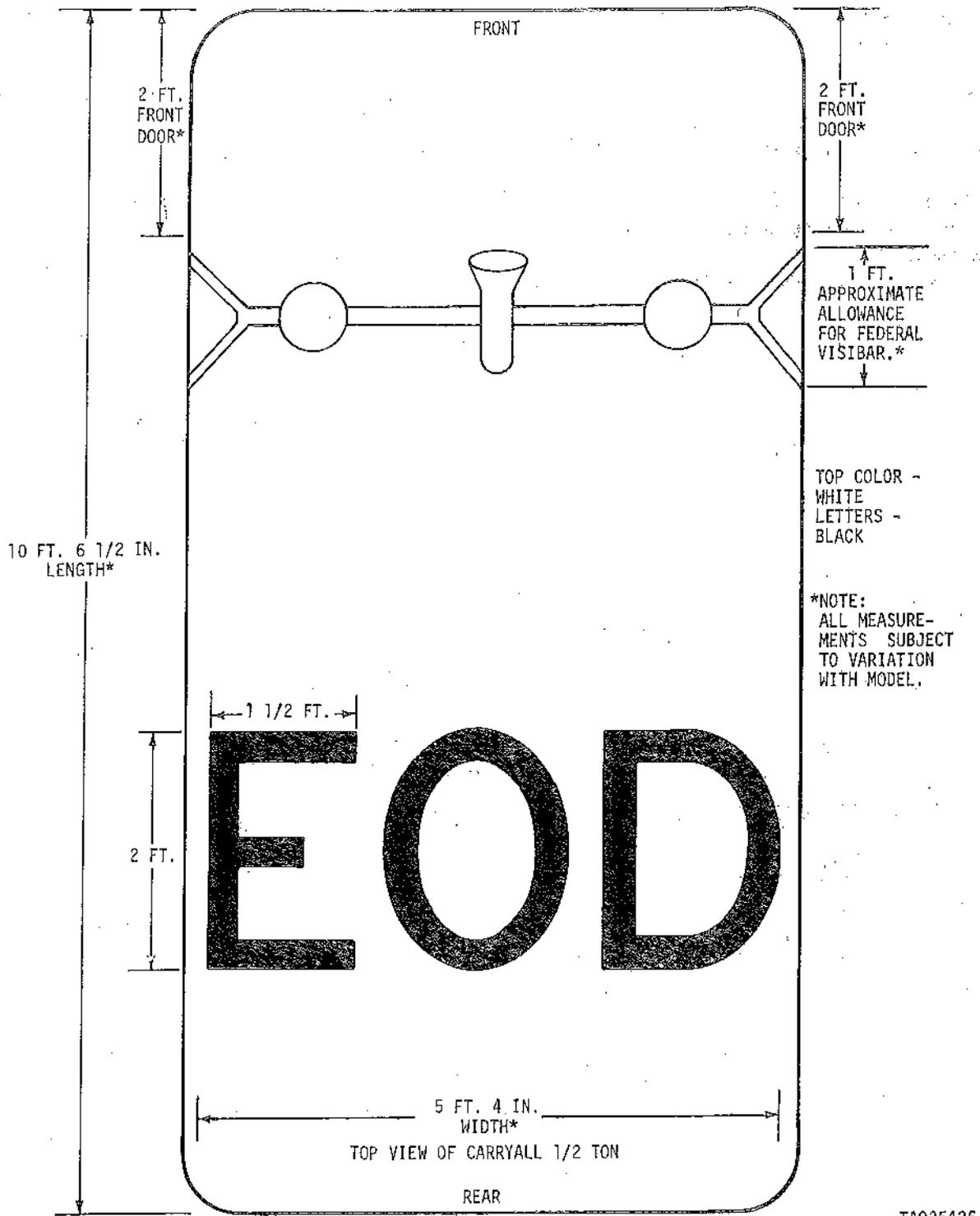


Figure 14B. Hardtop vehicle with explosive ordnance disposal marking.

(3) The marking will be kept in a legible condition until the vehicle or equipment is deprocessed, and will then be thoroughly removed.

d. All tactical use wheeled vehicles which are

equipped with an engine hood safety hook will be marked with the words "Warning: Secure Hood in Raised Position with Safety Hook Before Servicing Engine."

(1) The marking will be applied at the rear area on the underside of the hood panel.

(2) Letters of the marking will be 1 inch high and white.

e. Boom extension markings are required to assure operation within boom radii limits specified on the crane safe load data plates.

(1) Boom markings will be applied in a permanent method of marking. Color will be the same as the unit markings.

(2) Procedure for truck, wreckers M60 and M108.

(a) Retract boom and retain in horizontal position.

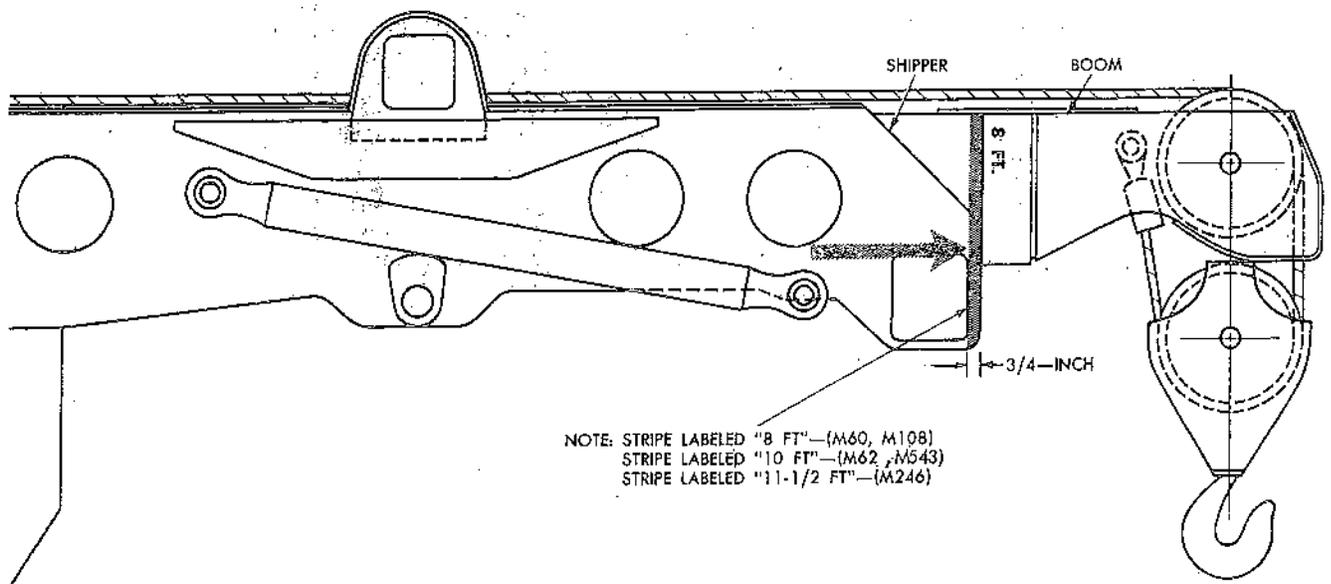
(b) Measure, scribe, and mark a  $\frac{3}{4}$  inch vertical stripe along the outer edge of the shipper, extending the stripe onto the boom (Fig. 15).

(c) To the right of and parallel with the stripe, mark "8 Ft" in 2 inch letters.

(d) Mark a horizontal arrow on the shipper pointing to the stripe.

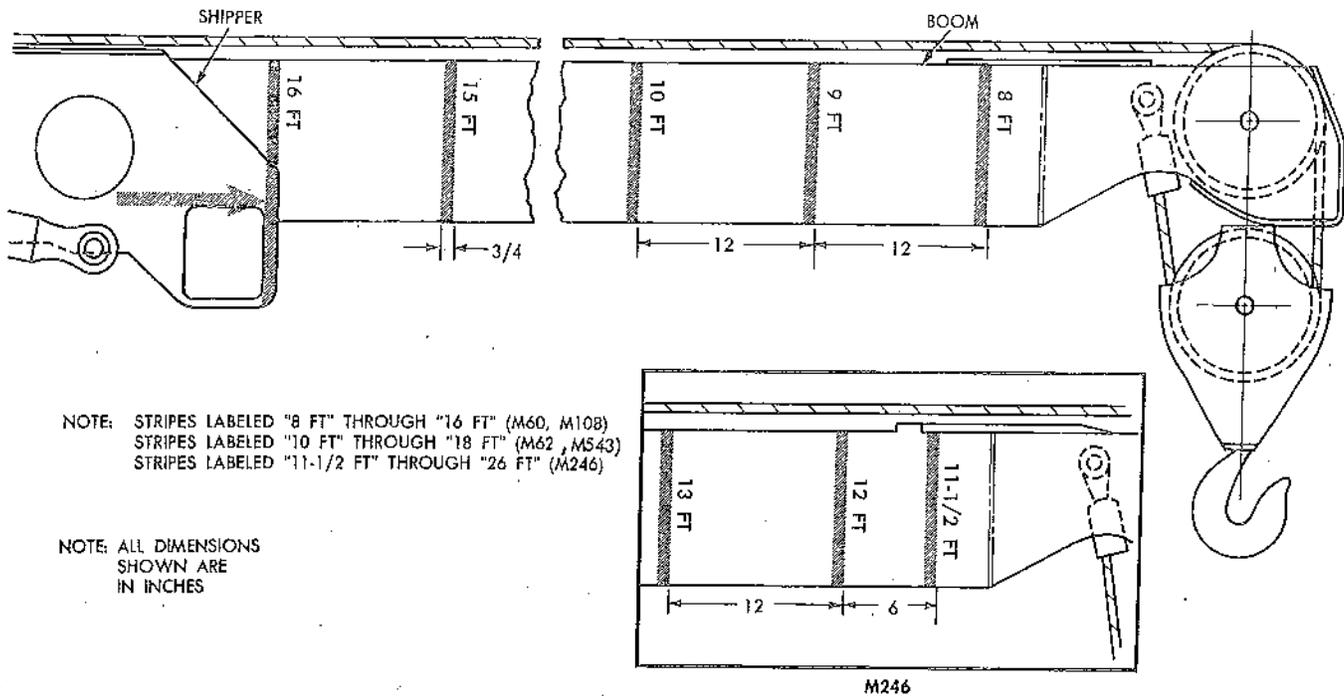
(e) Extend the boom to its maximum length.

(f) Measure from the "8 Ft" stripe. Scribe and mark  $\frac{3}{4}$  inch vertical stripes at intervals of 12 inches along the boom (Fig. 16).



TA011356

Figure 15. Boom markings (boom retracted).



TA011357

Figure 16. Boom markings (boom extended).

(g) Mark the second stripe "9 Ft.," and each succeeding stripe consecutively through "16 Ft.," in each case to the right of and parallel to each stripe.

(3) The procedure for Truck wreckers M62 and M543 is the same, except that the stripe will be marked "10 Ft" and each succeeding stripe will be marked consecutively "11 Ft" through "18 Ft."

(4) The procedure for Truck wrecker M246 is the same, except that the first stripe will be marked "11½ Ft." The second stripe is to be measured, scribed, marked, and labeled "12 Ft." Each succeeding stripe will be marked consecutively through "26 Ft."

f. This paragraph applies to tactical transport vehicles, and is intended to reduce the possibility of fuel spillage due to fuel tank overfilling and subsequent fire hazard, regardless of fuel type.

(1) If the fuel tank filler cap is a relief valve type, but does not bear a warning decal reading "Pressurized: Open Slowly," the warning note "Pressure: Open Slowly" will be marked in 1 inch lusterless black letters on the fuel tank near the filler pipe.

(2) On fuel tanks, where a mark would be readily visible, measure 2 inches down from the top of the tank and mark a ¼ x 8 inch line, with the following note in 1 inch lusterless black letters: "Caution: Do Not Fill Above Line to Allow For Expansion." (Fig. 17).

(3) On vehicles where a mark on the fuel tank would not be readily visible, mark the following note in 1 inch lusterless black letters as near as possible to the filler pipes: "Caution: Do not Overfill-Allow for Expansion."



Figure 17. Fuel tank marking.

*g.* All calibration vehicles will be marked with a calibration insignia plate as provided in kit ORD 7911573. These plates will be applied on each side of the M292 Expandable Van, between the second and sixth rails (Fig 18). On other types of calibration vehicles (such as vans and panel trucks), the plates will be applied to the most appropriate surface, depending on surface size and window location.

*h.* All motorized materials handling equipment will have the capacity marked on each side. The marking will consist of the numerals showing the applicable pounds followed by the letters CAP. The actual weight of the equipment will also be marked on each side, in numerals, to show the applicable pounds, followed by the letters MTWT. Letters and numerals will be one inch high in the same color as the registration marking. Refer to figure 18.

*i.* Other necessary technical instructions may be marked on appropriate surfaces as required or authorized by the responsible command.

(1) Such markings will be applied in letters and numerals normally one inch in height, but not less than  $\frac{1}{2}$  inch.

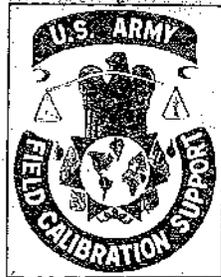
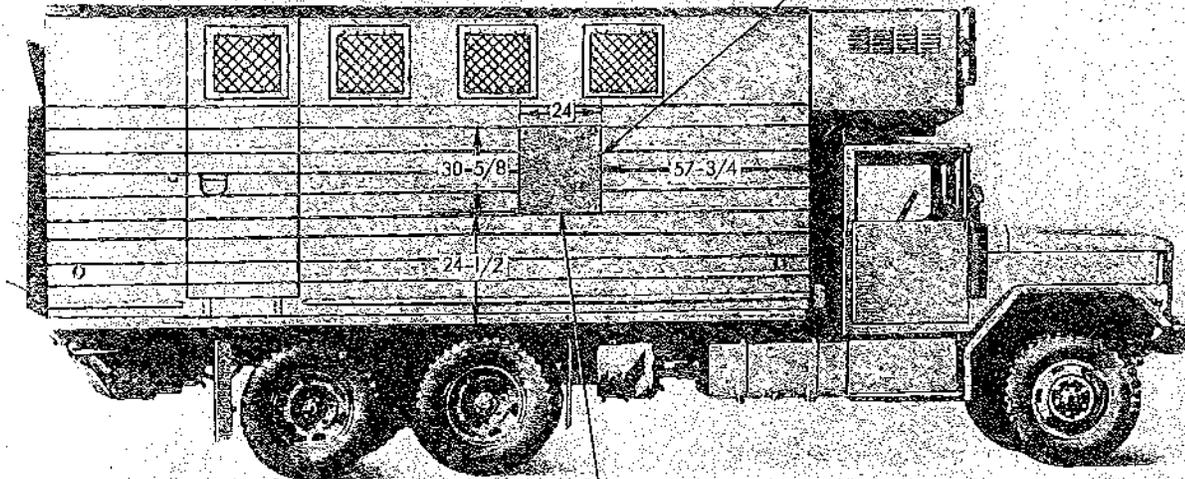
(2) Color of the markings will be white or black, whichever affords the greater contrast with the surface color. If practicable, the color chosen will be the same as the registration marking.

(3) Temporary instructions will be applied with removable vinyl markings or gasoline soluble paint.

**13. Weight Classification.** *a.* All single vehicles with a gross weight of over 3 tons, and all trailers with a rated payload exceeding  $1\frac{1}{2}$ -tons, are classified for the purpose of bridge crossing per FM 5-36. Each single vehicle and vehicle combination has a classification number for empty, cross-country loading. The classification numbers are used to determine whether a bridge, correspondingly classified, can be safely crossed.

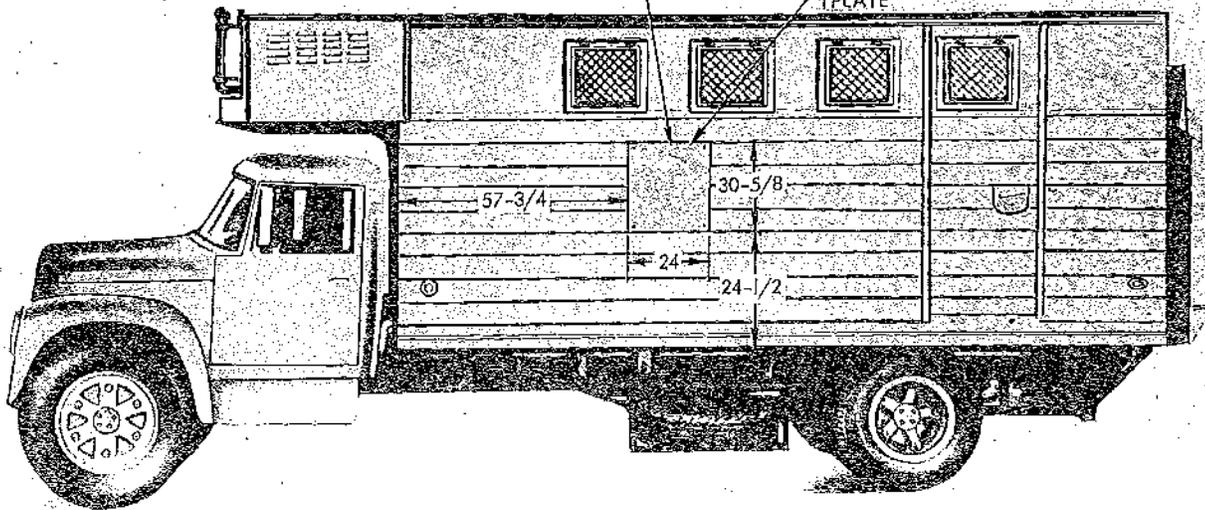
M292 EXPANDABLE VAN (CALIBRATION)  
OVERSEAS TYPE

CALIBRATION  
INSIGNIA  
PLATE



NOTE: ALL DIMENSIONS SHOWN  
ARE IN INCHES.

CALIBRATION  
INSIGNIA  
PLATE



M292 EXPANDABLE VAN (CALIBRATION)  
(CONUS TYPE)

ORD E64302

Figure 18. M292 expandable van (calibration).

b. All applicable self-propelled vehicles not towing other vehicles will carry a circular sign of 9 inch diameter with the vehicle classification number in black on a yellow background. This will normally be located on the front of the vehicle toward the right side and below the driver's line of vision.

c. All applicable self-propelled vehicles towing other vehicles will carry a sign similar in size, design, and location except that the classification number of the vehicle combination will be shown with the letter C in red above the number. A 6 inch yellow circle with the basic vehicle classification number in black will be marked on the right side of the vehicle in a conspicuous location. The towed vehicle will be similarly marked with its basic classification number.

d. When the classification number of the vehicle is not subject to change, the marking may be applied directly on a suitable surface. Use adhesive-backed markings or paint with stencils. Side markings may be applied by painting or by using adhesive-backed

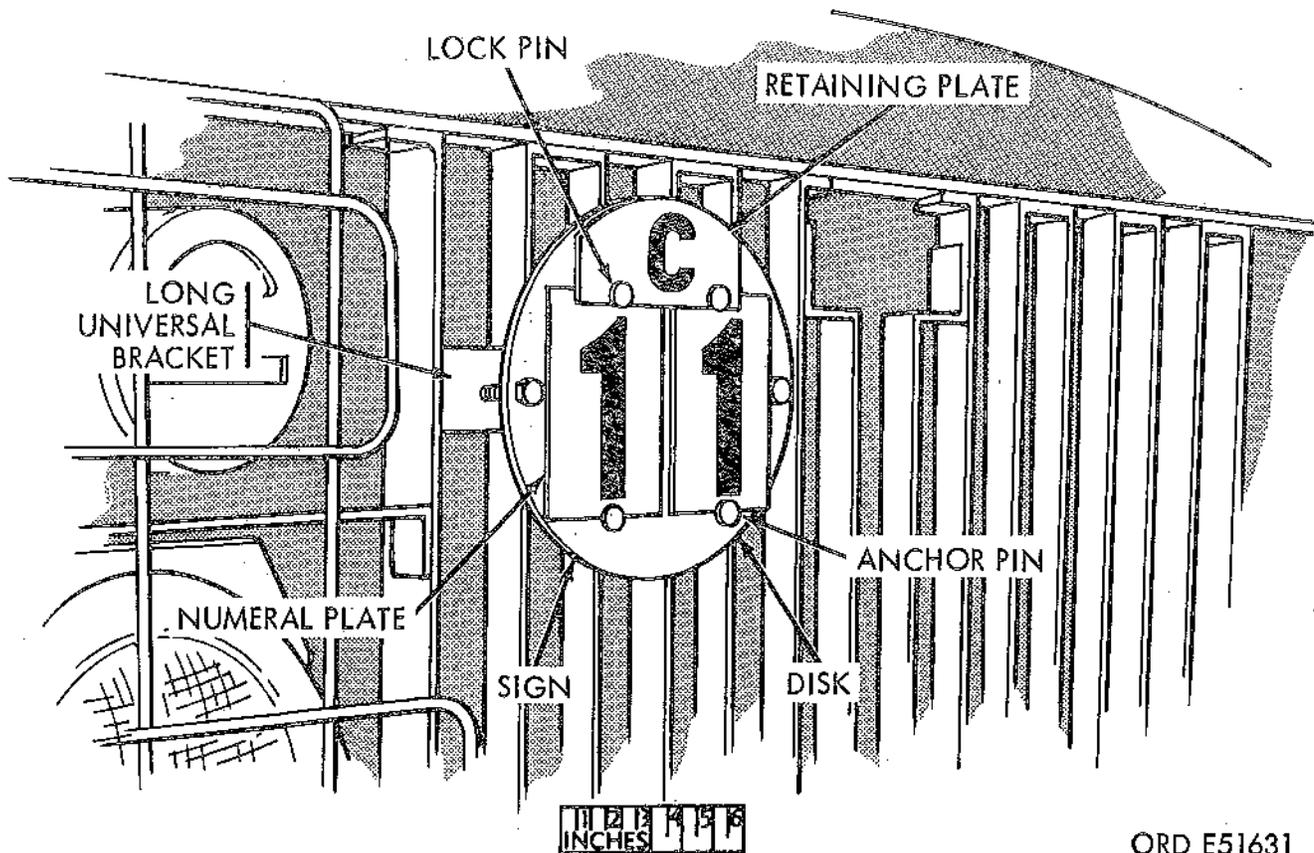
decals. On vehicles painted in gloss colors, the markings will be gloss yellow, Color Chip No. 13538; gloss black, Color Chip No. 17038; and gloss red, Color Chip No. 11136. On vehicles painted in semi-gloss or lusterless colors, the markings will be lusterless yellow, Color Chip No. 33538; gloss black, Color Chip No. 17038; and gloss red, Color Chip No. 11136. When the marking is applied directly to vehicles painted in the same or similar color, the circumference of the circle will be outlined with a black circle 3/4 inch wide.

e. In usages where the classification number may change, a sign kit will be utilized which consists of a 9 inch metal disk, a retaining plate, and two sets of five different numeral plates. By installing the retaining plate, the numeral plates will be locked in place. The sign has black numerals on a yellow background and a red C on one side of the retaining plate (Fig. 19).

f. The following weight classification sign kit is being supplied initially with mounting brackets and hardware.

Name	Part No.	NSN	Qty
KIT: vehicle class sign, w/brackets and hardware Consisting of:		9905-00-565-6267	1
6 ea. BOLT, MACHINE: hex-hd, S, cd or zn-pltd 5/16-24UNF-2A x 3/4 in.	MS90726-32	5306-00-225-9087	
2 ea. BOLT, MACHINE: hex-hd, low-carb-S cd- or zn-pltd, 5/16-24UNF-2A x 1-3/4 in.	MS90726-39	5306-00-225-9094	
1 ea. BRACKET: unit, lg*			
1 ea. BRACKET: unit, short*			
1 ea. DISK: vehicle class sign, 9-in.			
6 ea. NUT, PLAIN, HEXAGON: S, cd- or zn-chromatic-fin, 5/16-24UNF-2B-1/2 w, 17/24 thk	MS51968-5	5310-00-880-7746	
2 ea. PLATE: numeral, 0 one side, 1 other side			
2 ea. PLATE: numeral, 2 one side, 3 other side			
2 ea. PLATE: numeral, 4 one side, 5 other side			
2 ea. PLATE: numeral, 6 one side, 7 other side			
2 ea. PLATE: numeral, 8 one side, 9 other side			
1 ea. PLATE: retaining, C on one side			
6 ea. WASHER, LOCK: int-teeth, S, cd-or zn-pltd, 5/16 in. screw size	MS35333-41	5310-00-167-0721	

Hardware items not required for the specific installation procedure will be returned to local stock.  
\*Brackets not required for the specific installation procedure will be scrapped.



ORD E51631

Figure 19. Vehicle weight classification sign installed.

g. In addition, a replacement kit, itemized below, is authorized for the replacement of lost or damaged numeral plates and retaining plates.

Name	National Stock No.
KIT: retaining and numeral plate replacement, for vehicle class signs	9905-00-565-6268

Consisting of:

- 1 ea PLATE: numeral, 0 one side, 1 other side
- 1 ea PLATE: numeral, 2 one side, 3 other side
- 1 ea PLATE: numeral, 4 one side, 5 other side
- 1 ea PLATE: numeral, 6 one side, 7 other side
- 1 ea PLATE: numeral, 8 one side, 9 other side
- 1 ea PLATE: retaining, C on one side

h. A vehicle weight classification sign kit, as described herein, will be installed on the front of each vehicle except:

- (1) All trailers.
- (2) Vehicles having a gross weight of 3-tons or less.

(3) Vehicles having standard classification numbers higher than 99.

(4) Vehicles having rated payloads of  $\frac{3}{4}$  to  $1\frac{1}{2}$ -tons. This exception does not apply to vehicles authorized for towing loads.

(5) Vehicles with fixed loads (such as tanks, self-propelled guns, etc.).

i. Front classification signs for vehicles included in h(3), (4), and (5) above, will be painted directly on the vehicle. Side classification signs, where applicable, will also be painted directly on the vehicle.

j. These vehicle weight classification sign kits can be installed on vehicles in different ways.

For example, in the case of Cargo Truck, the sign can be installed on the brush guard, on the splash shield, or in an upright position on the fender. The choice of method is left to the using organization.

(1) Location.

(a) The classification sign will be installed on the vehicle in one of the following locations:

1. Right front fender.
2. Right side of brush guard.
3. Right front section of hull.

4. Right side of center front bumper splash shield.

(b) The sign will be placed below the driver's line of vision and will be positioned so that it will not block headlamps, marker lights, blackout lights, air intakes, etc.

(2) Installation.

(a) On brush guard.

1. Paint the long universal bracket (channel) with rust-inhibiting enamel.

2. After the enamel has dried, position the bracket so that the two holes in the bracket align with two bolt holes (9 o'clock positions) in the sign. Assure that the flat bearing surface of the bracket faces toward the sign. Install one bolt (1 1/4 inches long) 123798, one washer 138538, and one nut 120368. Turn nut two or three turns.

3. With the bracket in a vertical position, insert it between two bars of the brush guard at the desired location. With one hand, reach behind the brush guard and adjust the bracket to a horizontal position. With the other hand, install another bolt (1 1/4 inches long), washer, and nut. Tighten both bolts, but apply only enough torque to secure the sign to brush guard. Excessive torque will cause the sign disk to bend. Figure 19 shows the sign installed on brush guard.

**CAUTION**

If it is found that the vehicle classification sign seriously obstructs air flow to the radiator, as indicated by engine overheating,

remove sign from brush guard and install sign elsewhere.

(b) On the sloping fender, install the sign as indicated in 1 and 2 below only when the slope of the fender is less than 30° from vertical. When the slope of the fender is more than 30° from vertical, install the sign in a vertical position, as outlined in (c) below, to insure readability of the sign.

1. Position the sign in the desired location on the fender and, using the sign as a template, drill two 1 1/32 inch holes in fender to align with bolt holes in the sign at the 9 o'clock and 3 o'clock positions.

2. Install the sign to the fender with two bolts 120741 (3/4 inch long), two washers 138538 and two nuts 120368. Tighten bolts securely (Fig. 20).

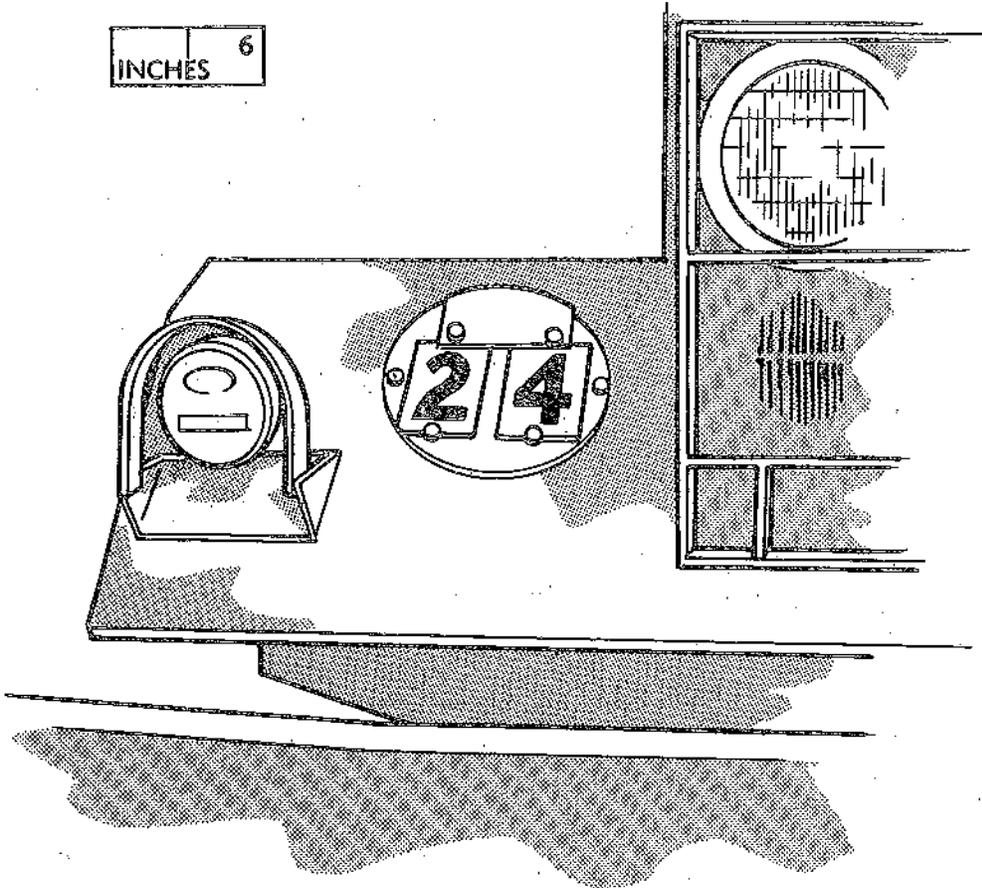
(c) In a vertical position on fender or on splash shield, alter the long universal bracket (channel) in accordance with figure 21.

1. Paint both the altered bracket and the short universal bracket (angle) with rust-inhibiting enamel.

2. After the enamel has dried, position the long leg of the short bracket on the back of the sign and align two holes in bracket with the two lower bolt holes in the sign.

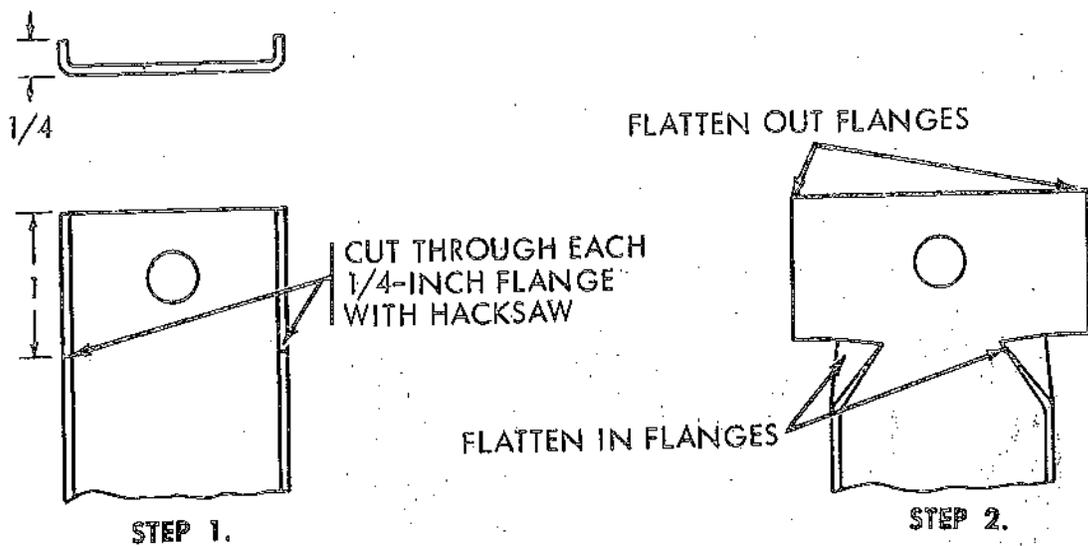
**NOTE**

When installing the sign on a horizontal surface, position the short leg of the bracket so that it faces rearward (Fig. 22). When installing the sign on a sloping surface, position the short leg of bracket so that it faces forward (Fig. 23).

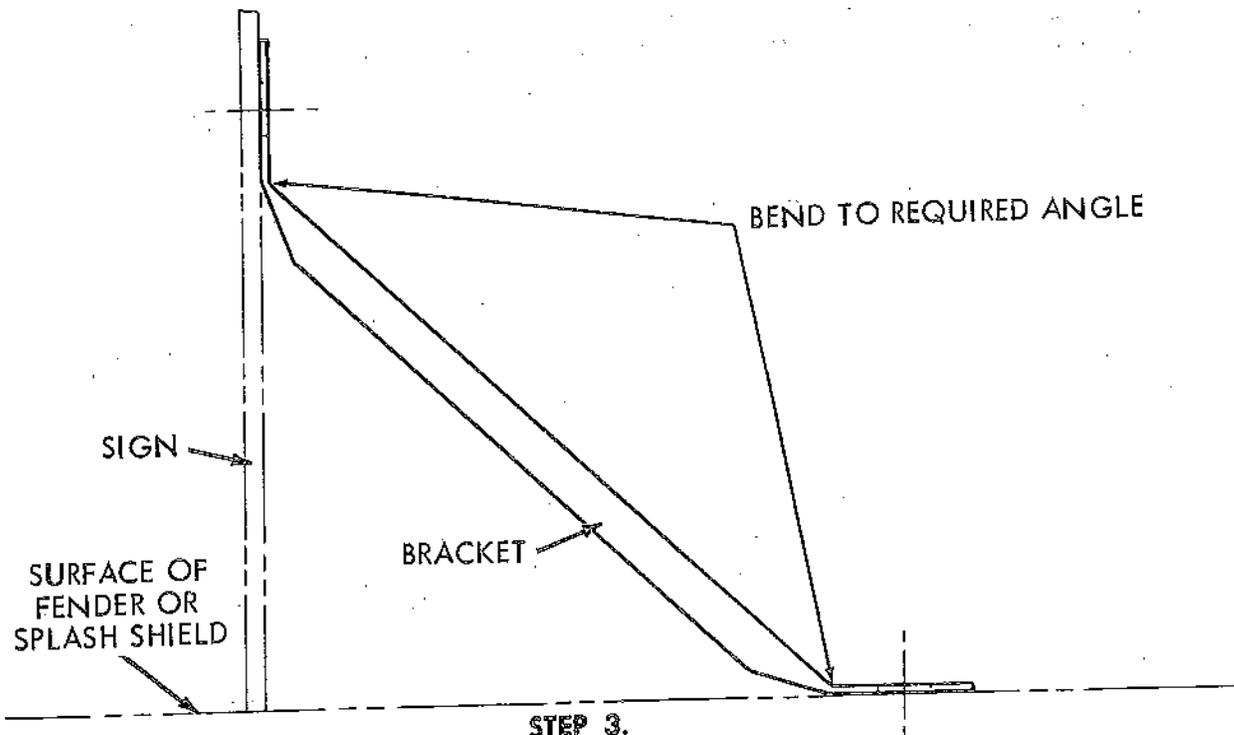


ORD E51626

*Figure 20. Sign installed on sloping fender (slope angle less than 30° from vertical).*



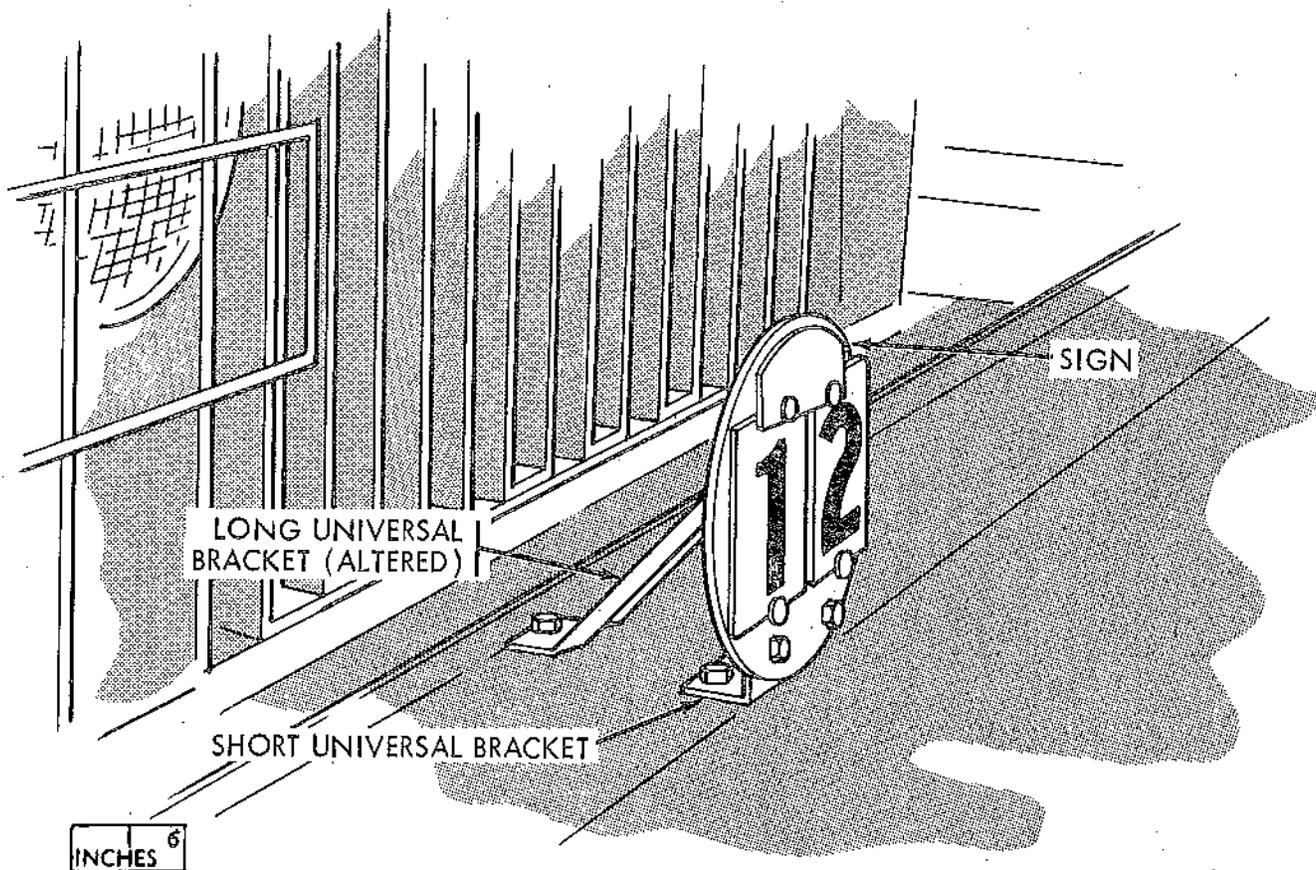
NOTE. REPEAT STEPS 1 AND 2 FOR OPPOSITE END OF BRACKET



NOTE. ALL DIMENSIONS SHOWN ARE IN INCHES

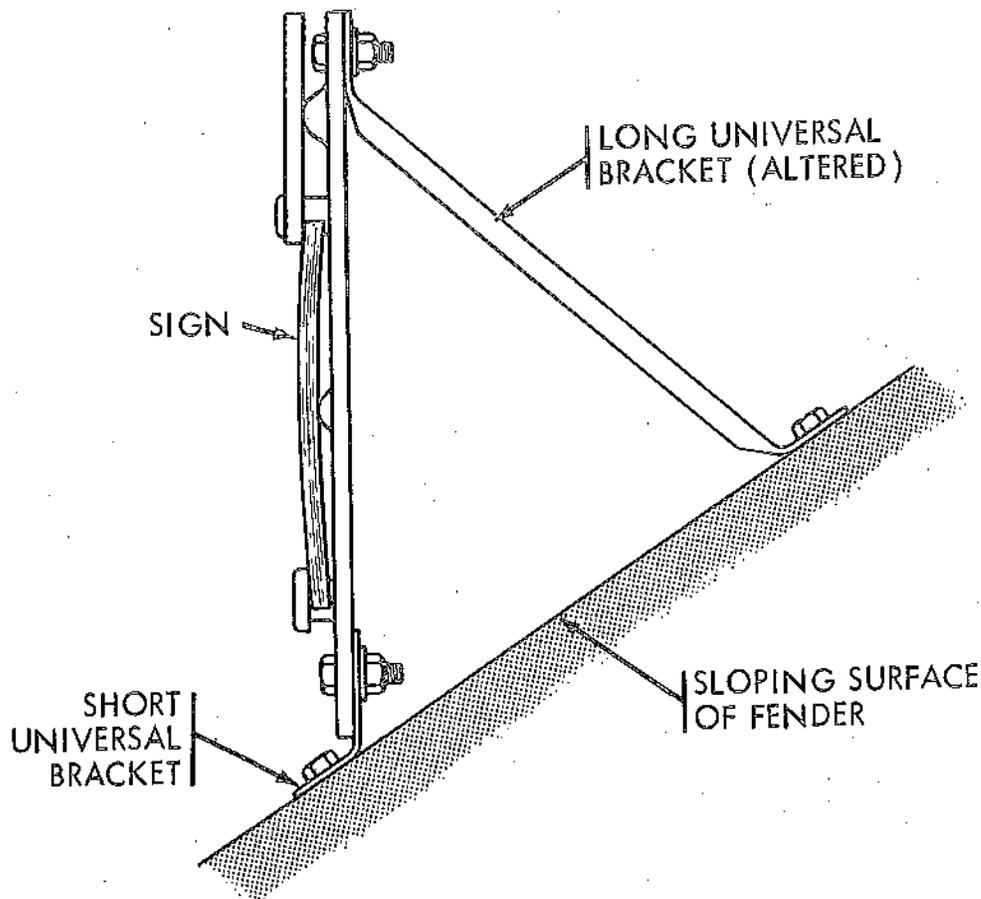
ORD E51627

Figure 21. Alteration of bracket.



ORD E51628

Figure 22. Sign installed on splash shield.



ORD E51629

Figure 23. Sign installed on sloping fender (slope angle exceeds 30° from vertical).

3. Install bracket to sign with two bolts 120741 ( $\frac{3}{4}$  inch long), two washers 138538, and two nuts 120368.

4. Position the sign in the desired location on the fender or splash shield. Bend short leg of bracket, as required, to conform to the contour or slope of fender.

5. Using the short leg of the bracket as a template, drill two  $\frac{11}{32}$  inch holes in fender or splash shield.

6. Attach the sign to the fender or splash shield with two bolts ( $\frac{3}{4}$  inch long), two washers and two nuts.

7. Secure the altered long universal bracket to the sign with one bolt ( $\frac{3}{4}$  in. long), one washer, and one nut. (Insert bolt in hole located between two stacks of numeral plates on sign.)

8. Drill an  $\frac{11}{32}$  inch hole in fender or splash shield to correspond with the hole in the altered bracket and secure the bracket with a bolt ( $\frac{3}{4}$  inch long), washer, and nut. Figure 22 shows sign installed on splash shield and Figure 23 shows sign installed on sloping fender.

k. Instructions for unlocking and locking the retaining plate is as follows:

(1) When unlocking retaining plate, use the thumb of one hand and press down firmly on one stack of numeral plates (Fig. 24). With the other hand, press gently on the retaining plate and pivot the plate away from the lock pin. To remove retaining plate completely, press down firmly on the remaining stack of numeral plates and free retaining plate from the other lock pin.

(2) To lock retaining plate, make sure that five numeral plates are tacked on each anchor pin with the two top plates showing the desired classification number. If the vehicle is to be used in combination, position the retaining plate so that the red C on one side of the plate will be visible. If the vehicle is to be used singly, position the retaining plate so that the red C will not be visible. Press down firmly on the top of one stack of numeral plates and slide the retaining plate onto the lock pin until the plate snaps in place. Repeat the procedure for the remaining stack of plates and lock the retaining plate to the remaining lock pin. Refer to FM 5-36 for vehicle weight classification data.

1	2	3	4	5	6
INCHES					



ORD E51630

Figure 24. Unlocking the retaining plate.

**14. Operation and Designation Plates.** *a.* These plates, as provided on vehicles and equipment, will be kept clear and free from paint at all times.

*b.* Operation plates contain data or instructions on vehicle operation and will be installed within the normal view of the operator when in an operating position. The plates will include:

(1) *Road speed plates.* To prescribe the maximum permissible speed for operation in each gear ratio and range.

(2) *Shift diagram plates.* To show the location of each position of the transmission, transfer, and/or power takeoff.

*c.* Operation plates containing precautionary instructions to avoid personnel injury or equipment damage will have a red background. This applies to new plates of photosensitive anodized aluminum, conforming to type H, MIL-SPEC 15024. Existing plates will be replaced only when no longer serviceable.

*d.* Designation plates contain data pertinent to the vehicle or equipment, but are not required for actual operation. They will be located in convenient position without creating confusion with operation plates. The plates will include:

(1) *Name or identification plates.* To show nomenclature, manufacturer, model, serial number, stock number, contract number, US registration number, and date of delivery to the Government.

(2) *Data plates.* To show empty weight, maximum payload and/or gross weight, weight on each axle and/or maximum towed load for highway and cross-country, center of gravity empty and loaded, shipping cubage, overall and reducible dimensions, and other pertinent linear and angular dimensions.

(3) *Servicing data plates.* To show fuel capacity and minimum octane, cooling system capacity, draining instructions, tire pressures for terrain conditions, lubricant data for different temperature ranges, and other servicing data for the vehicle, components, or equipment installed.

(4) *Responsible agency plates.* To show the Commodity Command or Agency responsible for the procurement and/or maintenance of the vehicle or its chassis, body, and/or equipment.

(5) *Publication plates.* To show the manuals (operator's maintenance, and supply) and lubrication order applicable to the vehicles.

e. Designation plates may be combined plates when space conditions warrant.

**15. Ambulance Markings-Tactical Use Vehicle.**

a. Truck, Ambulance, ¼-Ton, 4 x 4, M718 (series), will have an 18 inch red cross on a 20-inch square white field marked on each canvas side curtain directly to the rear of the canvas side doors.

(1) An 18-inch red cross on a 20-inch-square white field will be marked on the rear of the vehicle. The upper half of this marking will be applied on the canvas rear doors and the lower half on the tail gate, centered with the centerline of the vehicle, in order that the full marking is shown when the rear doors are closed.

(2) A 45-inch red cross on a 48-inch square white field will be marked centered on the canvas roof.

b. Truck Ambulance, M886 and M893 (series), will have the word "Ambulance" marked in 3 inch high white letters, centered three-quarters of an inch above the windshield.

(1) A 3-inch red cross on a 4-inch square white field will be marked to each side of, and in line with, the word "Ambulance" above the windshield.

(2) A 36-inch red cross on a 39-inch-square white field will be marked on each side of the body below the roof joint and centered above the rear wheels.

(3) A 33-inch red cross on a 36-inch-square white field will be marked on the rear door panels directly below the windows and centered on the vertical center line of the vehicle.

(4) A 60-inch red cross on a 64-inch-square white field will be marked on the roof 14 inches from the rear of the vehicle (fig. 25).

c. Vehicles other than the ones enumerated, which are intended for such usage and which are affected by international agreement concerning such vehicles, will be marked in a similar manner.

d. The National Symbol will not be applied to Medical Service vehicles.

e. The sizes of the red crosses specified are measured across opposite ends. Each limb of the cross will be a square having sides equal to one-third the size of the cross.

f. The following colors will be used for ambulance markings, as applicable:

(1) Gloss red, Color Chip No. 11136, and Gloss white, Color Chip No. 17875 on vehicles painted gloss or semigloss olive drab.

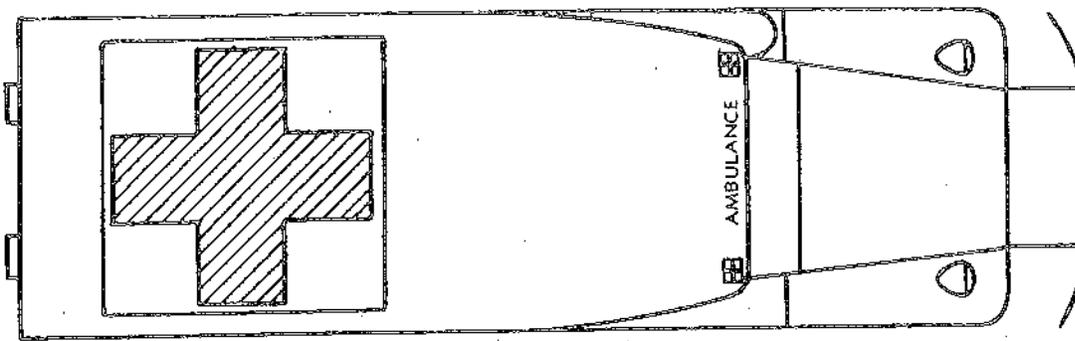
(2) Lusterless red, Color Chip No. 31136 and lusterless white, Color Chip No. 37875 on vehicles painted lusterless forest green.

**16. Military Police Markings-Tactical Use Vehicles.**

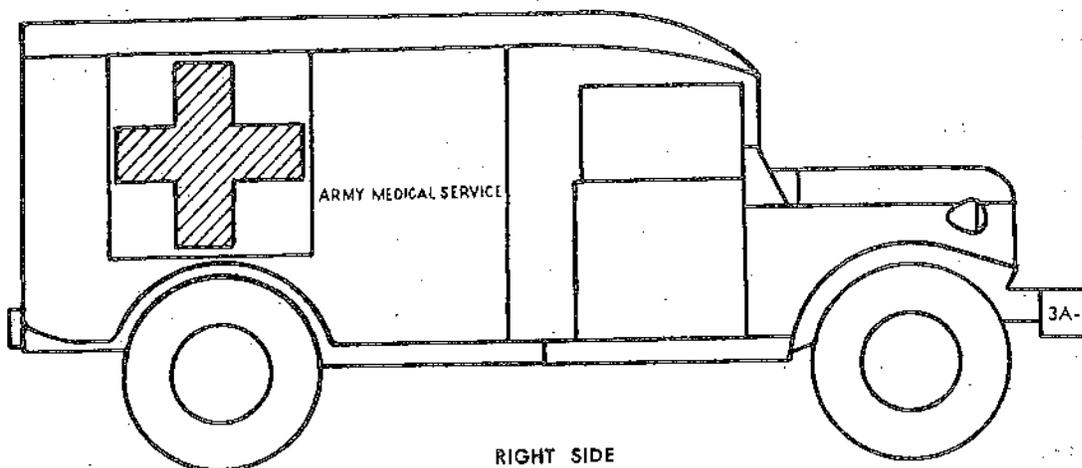
Truck, Utility, ¼ Ton, 4 x 4, M151 series: a white disc, 16 inches in diameter with the words "Military Police" in 3 inch black letters located around the circumference of the disc, ½ inch from the disc edge, will be attached to the center of the spare wheel on the rear of the vehicle. The sign will be locally fabricated from 16 gage sheet metal or thicker. The disc will be attached by means of a bracket made from strap-iron, 1 inch wide and 1/8 inch thick.

a. M151 series truck will have a detachable white sign, 5 inches high and 36 inches long, with the words "Military Police" in 3 inch high black letters, mounted on the windshield panel below the glass. The sign will be locally fabricated from 16 gage sheet metal or thicker and will be attached to the windshield with sheet metal screws.

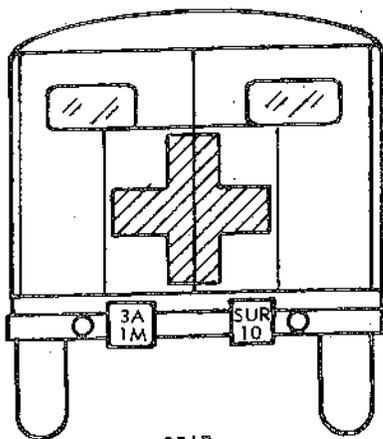
b. Motorcycle, solo, will be marked with a white band, 3 inches high, with the words "Military Police" in 2 inch high black letters, across the front of the windshield directly above the horizontal support. When not obstructed by lights or sirens, the band may be placed below the support.



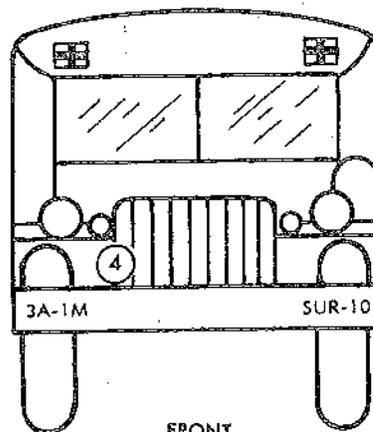
TOP VIEW



RIGHT SIDE  
(LEFT SIDE IS SIMILARLY MARKED)



REAR



FRONT

TA032376

Figure 25. Ambulance marking-military design vehicle.

## SECTION V.

### CAMOUFLAGE PAINTING

17. Reason for Pattern Painting. *a.* All military vehicles and equipment have characteristic shapes and interior shadows. These so-called signatures contrast with natural surroundings and make the object conspicuous. Pattern painting does much to break up the signature characteristics by using lusterless paint to reduce the glare of highlights, color to reduce contrasts with the soil and vegetation, and pattern shape and size. The paint also reflects near infrared radiation. The patterns, designed for each type of vehicle, have color areas that cut off corners, avoid straight, vertical, and horizontal lines, and extend internal shadows in shapes similar to natural features and vegetation.

*b.* Pattern painting is not a magic cure-all camouflage technique. However, it makes the item much harder to see and to recognize as a military object. It also provides an excellent base for further, more complete camouflage. If properly sited, the pattern painted vehicle will need much less work to camouflage than a solid colored vehicle.

*c.* The theory behind this new pattern painting design is to provide a system that can be adapted to various geographical and seasonal changes by the changing of one or, at most, two colors. For instance, the forest green can be changed to sand for desert operations, or the field drab changed to dark green and the sand to field drab for temperate climate terrain in summer. The standard camouflage colors are shown in Table 1 below. By using the appropriate color from the standard camouflage colors in conjunction with the pattern painting design, a good color combination for almost every terrain can be obtained.

*d.* These new designs also lend themselves to touch up painting with better results than are now obtainable from touch up of the current OD vehicles. Slight mismatches in color will not be as noticeable as they are on a solid-colored vehicle except from very close inspection. Likewise, minor abrasions and scaling of surfaces will be equally inconspicuous.

18. Patterns. *a.* As shown in appendix B, the camouflage pattern consists of wavy, irregular patches of color applied to the vehicle. The colors used for the patterns have been selected from the standard camouflage colors as shown in Table 1.

*Table 1. Standard camouflage colors—Continued*

No.	Abbreviation	Color
4	EV	Earth yellow
5	ER	Earth red
6	FD	Field drab
7	EB	Earth brown
8	OD	Olive drab
9	LG	Light green
10	DG	Dark green
11	FG	Forest green
12	BL	Black

*b.* The patterns use only four of these colors for any geographic or climatic conditions. The only exception is winter arctic, which is solid white. When changing from one geographic or climatic condition to another, the shape of the pattern itself does not change; only one or two of the colors that make up the pattern change. Table 2, shows the combinations of colors to be used for various seasons and climatic regions. The first and second colors each cover about 45% of the vehicle, the third color covers 5% of the vehicle, and fourth color, normally black, covers the remaining 5%. The color numbers 1, 2, and 3 identify the first three colors, and are used in the pattern designs to show what color goes where on the vehicle.

*c.* In the future, new and overhauled items of TOE tactical equipment will be painted lusterless forest green prior to issue. Since the base paint of forest green is usually one of the large 45% color areas, users will need to pattern paint only three colors. The actual paint to be added will then be one large 45% area and the two small 5% areas.

#### NOTE

Since the areas and climates in which newly manufactured or overhauled vehicles will operate cannot be predicted, it is not practical to pattern paint them prior to issue.

The color patterns in Table 2 were designed for world-wide application and cover a wide range of terrain conditions. It is possible that any given color combination may not be an exact match for some specific local condition. In such a case, the 12 colors available in camouflage paints give the local commander wide latitude to modify the color combination and develop one that more closely matches the local terrain and operating conditions.

#### NOTE

Individual colors should not be mixed with one another.

*Table 1. Standard camouflage colors*

No.	Abbreviation	Color
1	W	White
2	DS	Desert sand
3	S	Sand

Table 2. Camouflage pattern painting color chart for geographic and climatic changes

CONDITION	COLOR DISTRIBUTION			
	45%	45%	5%	5%
	COLOR NUMBER <sup>a</sup>			
	1*	2*	3*	4
Winer US & Europe - verdant <sup>a</sup>	FG	FD	S <sup>c</sup>	BL
Snow-temperate w/trees & shrubs <sup>b</sup>	FG	W	S <sup>c</sup>	BL
Snow-temperate w/open terrain <sup>b</sup>	W	FD	S <sup>c</sup>	BL
Summer US & Europe-verdant <sup>a</sup>	FG	LG	S <sup>c</sup>	BL
Tropics-verdant	FG	DG	LG <sup>c</sup>	BL
Gray desert	S	FD	EV <sup>c</sup>	BL
Red desert	ER	EV	S <sup>c</sup>	BL
Winter Arctic	W	W	W	W

\*Color Numbers:

a. Verdant means generally green: in summer, due to trees, shrubs and grass; in winter due to evergreens.

b. This color combination is for use only in areas that occasionally have snow which does not completely cover the terrain, thus leaving trees or patches of soil bare.

c. This 5% color should be the camouflage color that matches most closely the color of the soil in the local area. A typical color for such use is sand, but earth red, earth yellow, or one of the others may be closer to the predominant soil color and, in that case, should be used.

**19. Pattern Designs.** The patterns, when painted on the vehicles, are a guide for a design developed for the specific item of equipment. The design in an outline drawing of the item on which wavy lines give the boundaries of the color areas. Within each such area is a number that stands for the color to be used in that area, except that areas which are to be black are shown as solid black. As shown in Table 2, the color represented by the number varies according to the seasonal or terrain color combination being used. An individual design drawing is given for each of five views of the vehicle; front, back, left side, top, and right side.

**20. Preparation For Pattern Painting.** a. The first step in pattern painting a vehicle is to thoroughly clean the surfaces to be painted. A clean vehicle is a must. Applying paint to anything less than a totally clean surface will result in rapid peeling, cracking, and scaling of the new coating.

b. The vehicle must be cleaned with detergent or with solvent and rinsed thoroughly or steam cleaned to insure a totally clean surface suitable for a durable coating. Grease, oil, dirt, plastic letters and stars all loose and scaling paint, and paint other than the original enamel (such as latex paints, etc., which may have been used to retouch as an expedient) must be removed.

c. Sanding of rough areas to remove the oxidized surface from the old paint will also make the new paint job look better and last longer. If bare metal is exposed following sanding and cleaning, a primer must be applied to the bare metal before the camouflage alkyd enamel is applied. The primer should be allowed to dry hard before the enamel is applied. The specification number for the primer is

TT-P-1757; NSN is 8010-00-515-2208 for a 1-gallon container and NSN 8010-00-515-2211 for a 5-gallon container.

d. The following is a list of items needed for pattern painting:

- (1) Vehicle or other item of equipment
- (2) Pattern-painting design for the specific vehicle or other item of equipment
- (3) Spray guns
- (4) Paint (camouflage alkyd enamel)
- (5) Thinners (xylenes, mineral spirits, butyl collasolve, and cellulose nitrate)
- (6) Mixing buckets
- (7) Paint brushes, 1/2 inch, 1-inch, and 3-inch
- (8) Paddles or sticks to mix paint
- (9) Painter's masks
- (10) Masking tape for masking small items
- (11) Brown (kraft) paper for masking wind-shields, etc.
- (12) Detergent to clean vehicles
- (13) Chalk for marking paint areas
- (14) Steel wool or sandpaper
- (15) Rags
- (16) Compressed air source
- (17) Water separators and fittings with pressure gage
- (18) Wrenches for spray guns

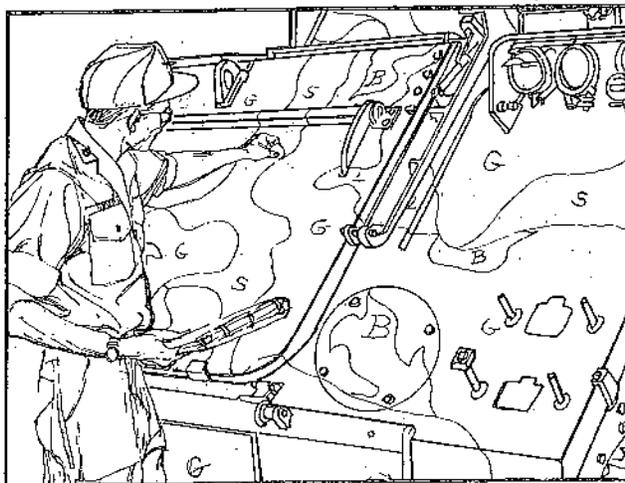
e. All glass, grease fittings, and items which can be damaged by paint must be masked with masking tape and/or paper.

**NOTE**

Grease should not be used for masking because it can easily be smeared onto other parts of the vehicle and prevent the paint from sticking to the smeared surface.

All white vehicle markings must be removed from the vehicle. This includes the stars, unit identification, instruction signs, and administrative markings. When the vehicle has been pattern painted, only the markings specified in appendix A will be applied, and TB 750-260.

21. **Marking The Pattern On The Vehicle.** *a.* After the vehicle has been prepared, it is ready for pattern application. Use only the appropriate printed pattern design shown in appendix B, for the vehicle. This pattern is outlined on the vehicle with chalk, using reference points on the vehicle and making a conscious effort to maintain the relative shape of the different color areas. High precision is not required in marking if the shape and size of the patterns are kept within reasonable tolerances (plus or minus 2 inches). Care must be taken, however, to avoid straight, vertical and horizontal lines wherever possible. The pattern is marked (fig. 26) with an abbreviation or number of the color to be used in each area (paint by the numbers) to guide the painter.



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Figure 26. Pattern application with chalk.

**NOTE**

Abbreviation of the color to be used is marked in each pattern area.

22. **Paints Required.** *a.* The paints and thinners to be used in pattern painting are to be obtained through normal supply channels.

*b.* Enamel, Alkyd, Camouflage, Specification MIL-E-52798(ME) a new standard paint for use in the pattern painting. National stock numbers for this enamel are as follows:

Table 3. Synthetic Camouflage Alkyd Enamel

COLOR	5 Gallons	1 Gallon
Desert sand	8010-00-111-8353	8010-00-111-8004
Sand	8010-00-111-8336	8010-00-111-7988
Earth yellow	8010-00-111-8130	8010-00-111-7968
Earth red	8010-00-111-8345	8010-00-111-8003
Field drab	8010-00-111-8129	8010-00-111-7943
Earth brown	8010-00-111-8338	8010-00-111-7998
Olive drab	8010-00-111-8069	8010-00-111-7940
Light green	8010-00-111-8007	8010-00-111-7930
Dark green	8010-00-111-8042	8010-00-111-7938
Forest green	8010-00-111-8010	8010-00-111-7937
Black	8010-00-111-8356	8010-00-111-8005

c. White Water Paste, Specification MIL-P-13340 is used where white is one of the four colors specified in the camouflage Pattern (Table 2); NSN 8010-00-597-5253 for 5 gallon can.

d. Butyl Cellosolve, Specification TT-E-776B, ethylene glycol monobutyl ether, NSN 6180-00-281-2001 for a 1 gallon can. This is used as a secondary thinner for the enamel.

e. Xylene, Specification TT-X-916, NSN 6810-00-584-4070, is for a 5 gallon can and NSN 6810-00-290-4166 is for a 55 gallon drum. This is used for thinning the enamel.

f. Mineral Spirits, Specification TT-T-291, NSN 8010-00-558-7026, is for a 5 gallon can and NSN 8010-00-246-6115 is for a 55 gallon drum. This is also used for thinning the enamel.

g. Thinner, Cellulose-Nitrate Dope, Blush-Retardent, Specification MIL-I-6985B, NSN 8010-00-162-5289, is used in preparing paint for neoprene-coated tarpaulins such as the one used with the Gama Goat vehicle.

h. Preservative Coating Specification TT-P-595A does not have an NSN assigned. This is used in preparing paint for cotton duck canvas.

**23. Paint Mixing.** a. The type and proportion of thinners used with camouflage paint are extremely sensitive to temperature and humidity conditions.

(1) For temperatures between 30° to 60°, use only xylene. For temperatures between 60° and 80°, use only Mineral spirits.

(2) With temperatures above 80° and moderate relative humidity (up to 55%) it may be necessary to add butyl cellosolve to allow flow-out of the paint. For these conditions, the maximum use of butyl cellosolve shall be 8:1 ratio of mineral spirits and butyl cellosolve, respectively.

(3) If raining or temperature is above 80° with high humidity (above 55%) the maximum use of butyl cellosolve shall not exceed 5:1 ratio of mineral spirits and butyl cellosolve, respectively.

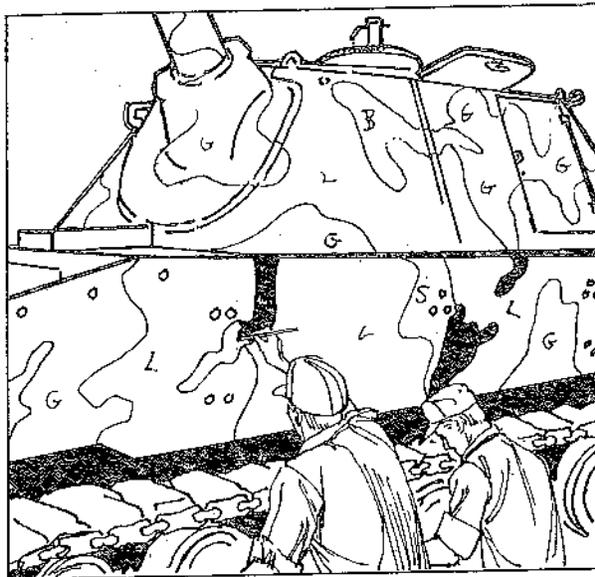
b. To paint cotton duck (canvas) tarps, paint (preservative coating, canvas) should be thoroughly stirred before mixing with the thinner. The paint should be thinned to a spraying consistency with xylene.

c. For neoprene coated tarps (used with Gama Goat), the enamel must be thoroughly stirred before mixing with the thinner to make sure of complete mixing of the pigment and dulling agents. The thinner combination shall be 1/2 pint of cellulose nitrate dope blush retardant to every 1 gallon of xylene. This mixture is used to thin the enamel and should be stirred thoroughly. To make sure the coating has enough pigment and dulling agent in it to coat the fabric well, stir the paint mix each time a spray gun is filled.

**24. Painting Techniques.** a. For basic painting

instructions, including care and maintenance of painting equipment, refer to TM 5-618, TM 43-0139, or TB 750-260.

b. Use of paint spraying equipment is the most efficient and economical way to apply the paint to the vehicle. The first step is to outline the pattern on the vehicle using the spray gun as shown in Figure 27. This method provides a boundary and controls the painting within its limits. The painter uses the chalk marks as a guide for his outlining but he must wipe the chalk marks off the surface as he paints or the markings will show through the new paint job and cause poor adhesions along the chalk lines.



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Figure 27. Pattern outlining in color.

**NOTE**

Bare metal areas must receive a coat of primer before the color is applied.

c. The color areas are then filled in with the required color paint. The painter must make sure that the newly painted surface appears wet upon application. At first, it may be easier and more accurate to use a brush (1/2 inch) to fill in the small black areas (fig 28). As a higher degree of skill is gained with the spray guns, these may be used to fill in the black areas also.

d. A small amount of brush painting may be used in places hard to reach with spray guns and to speed up work if there are not enough spray guns. However, while brush painting is efficient and effective for small areas, it is slower and uses more paint than spray painting.

**NOTE**

Roller painting was tested and found to be unsuitable for pattern painting of vehicles.

25. **Tips.** *a.* Make sure vehicles are clean of oil and dirt, otherwise the paint will not stick to the surface.
- b.* Remove and/or sand all loose or flaking paint.
- c.* Remove completely all plastic letters and insignia and clean the surface with thinner or solvent to remove any remaining glue.
- d.* Cover all grease fittings to prevent fouling.
- e.* Thoroughly stir all new cans of paint before mixing.
- f.* Mix the paint in batches of 3 to 4 gallons and stir thoroughly before each spray cup is filled.
- g.* Adjust paint gun to insure proper paint and air mixture.
- h.* Hold the spray gun close to the work area to prevent excessive overspray or a spray that is too dry.
- i.* Wipe chalk markings off the vehicle as paint is applied.
- j.* Be sure the new paint coating looks wet on application.
- k.* Do not walk over or touch the coating while still tacky.
- l.* Keep spray guns clean. It is advisable to run thinner through the gun before each filling or clean it if there are any signs of caking present. Clean all equipment thoroughly at the end of each day.
- m.* Cover paint cans and pots to prevent a skin

from forming on the paint.

*n.* Maintain good housekeeping in and around the paint mixing and filling area.

*o.* Drain water from compressors and water separators daily.

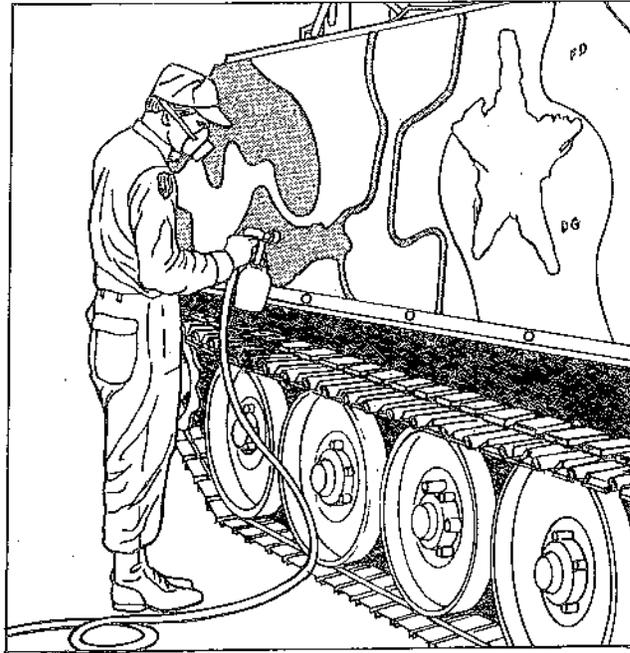
26. **Painting Estimates.** *a.* Some estimates on man-hours and amounts of paint and thinner needed are given in Table 4. These figures were developed in field tests of pattern painting and may serve as a guide to the labor and materials required. It must be expected that the first two to five vehicles painted may take as much as double the time shown in the table.

*b.* The camouflage alkyd enamel, if mixed properly, sets to the touch in 2 hours, dries hard in 8 hours, and reaches full hardness in 72 hours.

27. **Maintenance.** Operation of vehicles under field conditions is tough on their paint. Retouch painting is necessary for good durability and appearance of the camouflage patterns. The same camouflage alkyd enamel used for the original pattern painting should be used for any retouch painting. Small areas needing touch up paint may be redone most quickly and economically with a brush. Extensive retouching is most efficiently done by spray painting.

Table 4. Pattern Painting Estimates

TYPE OF VEHICLE	AVERAGE MANHOURS	AVERAGE PAINT (GAL)	AVERAGE THINNER (GAL)
M35	15	1.00	.50
M51	17	2.00	1.00
M60A1	30	2.16	1.10
M88	19	1.50	.75
M109 HOW	15	1.00	.50
M109VAN	18	1.00	.50
M113	20	.83	.42
M125	20	.83	.42
M151	12	.50	.25
XM163	14	1.00	.50
M561	12	1.00	.50
M577	20	1.16	.58



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*Figure 28. Application of the black area*

## APPENDIX A.

# MILITARY VEHICLES, CONSTRUCTION EQUIPMENT AND MATERIALS HANDLING EQUIPMENT MARKINGS

### Equipment and Markings

Equipment	Color	Placement
1. Vehicles and construction equipment unless otherwise indicated below.	Lusterless camouflage pattern in accordance with these instructions. Nonslip compound: White, NSN 5610-00-827-2450, (1 gal), MIL-D-23003 and lusterless forest green, NSN (1 gal), MIL-E-52798 (ME).	Exterior surfaces  Walking areas (catwalks, walkways platforms, cabs, fenders, frames, guards, foot-operated controls, mounting steps, ladders, top of bumpers, slope and deck plates, turret floors, crew compartments, ramps, van floors, etc.), interior surfaces.
2. a. Materials handling equipment, including aircraft towing and fuel and oil dispensing vehicles used in non-tactical areas. b. Materials handling equipment issued to tactical units.	Gloss yellow 13538  Lusterless camouflage pattern in accordance with appropriate technical publications. Lusterless forest green Gloss green X14050, except where otherwise provided for special type vehicles assigned to special use. In tactical use, colors will conform to paragraph 1 above.	Exterior and interior surfaces  Exterior surfaces  Interior surfaces Exterior and interior surfaces
3. Commercial design vehicles. (Bodies on vehicles need not be painted if constructed of aluminum, stainless steel, or other corrosive resistant material and when this is in accordance with common commercial practice).	Any color deemed appropriate by the head of the responsible activity.	Exterior and interior surfaces
4. Vehicles and equipment used in connection with approved research and developed test projects.	Heat-reflecting semigloss olive drab X24087 such as MIL-E-46136, or gloss white 17875. Semigloss green 24533	Exterior surfaces.  Walls, ceilings, doors, fittings, and mounted equipment. Floors Applicable exterior surfaces, upon authorization by the theater commander.
5. Calibration vehicles in CONUS and major oversea commands.	Lusterless gray 36118 Gloss white 17875 or solar heat-reflecting camouflage semigloss enamel X42087 conforming to MIL-E-46136 or MIL-E-46139; or solar heat-reflecting camouflage lusterless enamel olive drab conforming to MIL-E-46117.	Exterior surfaces.
6. Refrigerator vans in non-tactical use in hot climates.	Same as paragraph 6 above.	Same as paragraph 6 above.
7. Water tank vehicles in non-tactical use in hot climates.	Same as paragraph 6 above.	Same as paragraph 6 above.
8. Van type vehicles in non-tactical use in hot climates assigned to centers or schools for the purpose of training personnel in the operation of equipment installed therein.	Same as paragraph 6 above.	Same as paragraph 6 above.
9. Van type vehicles and shelters in non-tactical use in hot climates in which installed equipment would be adversely affected, or personnel would not be able to	Same as paragraph 6 above.	Same as paragraph 6 above.

Equipment	Color	Placement
accomplish assigned technical functions due to the excessive heat from solar radiation.		
10. Buses in non-tactical use in hot climates.	Same as paragraph 6 above.	Same as paragraph 6 above.
11. a. Tracked combat vehicles and special purpose armored hull-type vehicles. Exception: See b below.	Gloss white 17875 White nonslip deck covering compound NSN 5610-00-857-2450 (1 gal), MIL-D-2003 or black, conformable nonslip walkway matting, MIL-W-5044, type IV Lusterless forest green	Interior surfaces. Over primed and painted surface of crew compartment or turret floor.
b. M113 personnel carrier family of vehicles.	Semigloss green 24533. Lusterless forest green, then coated with olive drab nonslip deck covering compound NSN 5610-00-782-5556 (1 gal), MIL-D-23003 or black, conformable nonslip walkway matting, MIL-W-5044, type IV. Lusterless forest green	Surfaces such as doors and hatches which become exterior surfaces during operational use. Interior surfaces Floors and ramps
12. Interior surfaces of van type bodies equipped with interior lighting and which personnel are required to perform certain detail operations.	Semigloss green 24533. Where greater brightness is required may be painted semigloss white 37875. Semigloss green 24533 Lusterless gray 36118 Semigloss green 24410	Interior surfaces of doors and hatches which become exterior surfaces during operation use. Ceiling
13. Commercial design vehicles assigned to Armed Forces Police Units.	Semigloss gray 26492 Gloss black 17038	Walls, doors and fittings Floors Equipment cabinets of guided missile system vans Panels Exterior and interior surfaces
14. Commercial design vehicles used for military police traffic accident prevention.	Gloss white 17875 when deemed necessary by the responsible commander.	Exterior and interior surfaces
15. Vehicles used for intelligence, criminal investigation, and similar purposes, requiring concealment of the true identity of the activity involved.	Painted and marked as deemed necessary by the responsible commander. Proper identification of such vehicles will be marked in an inconspicuous location as prescribed in applicable technical publications and AR 381-143.	Exterior and interior surfaces.
16. Ground support equipment used on Army air fields.	Painted and marked in accordance with TM 55-1500-204-25/1.	Exterior surface and cab interior
17. Ambulances in tactical use.	Lusterless forest green Semigloss green 24533	Interior of body
Markings	Color	Placement
(Markings may be adhesive-backed markers or paint conforming to color requirements).		
18. National symbol (5-pointed star)	Star will be of a size to fit into a 3" diameter circle, in lusterless black No. 37038.	Star will be applied at time of manufacture or by depots only when material is specifically designated for issue to US Army units.
a. Tactical and combat vehicles and related equipment, including support and special purpose vehicles in CONUS and oversea.	Lusterless black No. 37038	One each, centered on front and rear, on any suitable vertical or near vertical surface such as bumpers and tailgates, where it will not be obscured by canvas items, gasoline cans, pioneer tools or other objects.

Markings	Color	Placement
<p>b. Mounted equipment</p> <p>19. Unit identification (abbreviations representing the complete identification of the unit to which the vehicle or equipment is assigned). Specific abbreviations to be used and methods of application are prescribed by applicable DA technical publications.</p>	<p>Lusterless black No. 37038</p> <p>Lusterless black No. 37038</p>	<p>Normally, stars will not be applied to ambulances or other medical service vehicles affected by international agreement or to ground support equipment at Army airfields in CONUS.</p> <p>Only where there is no more suitable surface on the vehicle.</p> <p>a. Markings will be in uniform Gothic style letters, the numeral to be the largest size practical to use in available space, but not to exceed 4 inches in height.</p> <p>b. Normally they will appear on both front and rear of each item of equipment, usually on the bumpers when so equipped. Where a more suitable surface is available, such surface may be used provided that the location is not in conflict with the location of other prescribed markings. Where a suitable surface is not available on the front or rear of an item of equipment, they will be applied in an appropriate location on the sides of the item.</p> <p>Exterior: Both sides and rear, in uniform Gothic letters no larger than 4 inches high.</p> <p>Interior: Any appropriate area which is accessible from outside a locked vehicle.</p>
<p>Vehicle Registration Number assigned in accordance with AR 708-1</p>	<p>Exterior: Lusterless black No. 37038.</p> <p>Interior: Other color as appropriate.</p>	<p>c. They will be applied to vehicles and equipment by the organization to which material is assigned. They will be maintained on vehicles and equipment at all times but will be removed when the item is permanently transferred from the operating unit.</p> <p>d. When directed by the responsible commander for security purposes, the first two categories of markings (a and b of footnote) will be thoroughly removed from all the vehicles and equipment being shipped with units from CONUS to oversea commands. To insure effective removal, the original figures must be physically erased rather than painted over.</p>
<p>Mounted Equipment</p> <p>20. General office identification for vehicles.</p> <p>a. Plate</p> <p>b. Flag</p> <p>21. Weight classification for bridge crossing. (For weight classification numbers see FM 5-36.)</p>	<p>Same as above</p> <p>Gloss enamel with rhodium plated stars, in accordance with AR 840-10 and MIL-P-14631.</p> <p>See AR 840-10</p> <p>Black numerals on a yellow circular background 9 inches in diameter. When towing another vehicle, the weight classification number of the</p>	<p>May be applied when necessary</p> <p>Right end of the front bumper; if it causes interference with light or functional components of the vehicle, mount in front center. It will be removed or covered when general officer is not riding in vehicle.</p> <p>On the front of applicable self-propelled vehicles.</p>

Markings	Color	Placement
<p>a. All vehicles with a <i>gross weight</i> of over 3 tons; all trailers with a rated payload of 1½ tons and over.</p> <p>b. Combination vehicles.</p>	<p>combination will be shown with the letter "C" in red above the number.  On vehicles painted in gloss colors use gloss yellow No. 13538, gloss yellow No. 13538, gloss black 17038, and gloss red No. 11136.  On vehicles painted in semigloss or lusterless colors use lusterless yellow No. 33538, gloss black No. 17038, and gloss red No. 11136.  Black numerals on a yellow circular background 6 inches in diameter. Color numbers same as above.</p>	<p>The <i>gross weight</i> classification of the prime mover alone and of the towed vehicle alone will be marked on the right side of the respective vehicle.</p>
<p>22. Safety.</p> <p>a. Stripes (vehicles and equipment in non-tactical use, which because of size, construction, or function present a possible hazard.)</p> <p>b. "FLAMMABLE" and "NO SMOKING WITHIN 50 FEET." (Vehicles used for bulk transportation of gasoline, fuel oil, or other flammable liquid). Each vehicle in a convoy must be individually marked.</p> <p>c. "GALS CAP" Fuel and oil dispensing vehicles and equipment used for serving aircraft.</p> <p>d. <i>Placards</i> (vehicles carrying explosives or other dangerous articles)  (1) Over public highways  (2) Training areas</p> <p>e. <i>Reflective markings</i> (vehicles and ground support equipment used on airfield flight lines)</p> <p>f. <i>Flags</i> (all vehicles not painted in accordance with items 2 and 10 listed under equipment of this table and e above)</p> <p>g. <i>DA Label 76</i> (A Good Driver to promote good driving)</p>	<p>Lusterless red No. 31136 and lusterless white No. 37875.</p> <p>For vehicles in tactical use, color will be lusterless white No. 37875. For vehicles commonly used on public highways in CONUS, Title 48, Section 177.823, Code of Federal Regulations requires 6 inch block letters "FLAMMABLE" and 3 inch block letters for "NO SMOKING WITHIN 50 FEET." Lettering will be gloss red No. 11105 or 11136; background, extending one inch beyond lettering all around, will be gloss white No. 17875. If available, reflective markings should be used.</p>	<p>Normally, stripes are applied only to the rear, but they may also be applied to the front and certain side surfaces when the conditions so warrant.  On both sides and rear of body, "NO SMOKING WITHIN 50 FEET" should be placed on the same line to the right of "FLAMMABLE." Vehicles used infrequently on public highways may employ removable or reversible signs which are securely fastened while in use. These safety markings will be applied upon receipt by the using service.</p> <p>On side of tank near each manhole cover. In addition, type of fuel or oil by military designation will be marked nearby.</p> <p>Placards will be used in accordance with applicable DOT regulations and AR 55-355.  Placards will be used in accordance with applicable DOT regulations and AR 385-63.  As specified in TM 55-1500-204-25/1.</p> <p>Vehicles will bear a distinctive flag whenever operating on landing areas, runways, taxiways, or peripheral roads at airfields. The flag will be square, at least 3 feet on each side, and will be divided into 9 equal size squares forming a checkerboard pattern with the center and corner squares in international orange and the remaining 4 squares in white.  A red flag will be mounted on vehicles to indicate danger when considered necessary to caution personnel of a hazardous condition in the area.  Display in all motor vehicles to be readily visible to the driver. Requisition through normal publication channels.</p>

Markings	Color	Placement
<p>23. Ambulance</p> <p>a. Red Cross insignia</p> <p>b. "AMBULANCE"</p> <p>c. Army Medical Department insignia consisting of a red caduceus on a circular white field.</p> <p>d. "ARMY MEDICAL DEPARTMENT"</p>	<p>Lusterless red No. 31136 and lusterless white No. 37875</p> <p>Lusterless white No. 37875</p> <p>Same as <i>a</i> above.</p> <p>Same as <i>b</i> above.</p>	<p>On both sides, top and rear, and where possible, on the front of the tactical type ambulance vehicles under the jurisdiction of Army Medical Department.</p> <p>Marked to be seen from the front of vehicle where space permits, in letters of convenient size to suit space available.</p> <p>On both sides of ambulance vehicles where space permits.</p> <p>On both sides of the vehicle adjacent to caduceus insignia (not applicable to M718 ¼-ton front-line ambulance).</p>
<p>24. Military police and security guard tactical type vehicles.</p> <p>a. "MILITARY POLICE"</p> <p>b. "SECURITY POLICE" (at class II installations and activities)</p>	<p>Gloss black No. 17038 and lusterless white No. 37875 (black letters on white background)</p> <p>Same as above, except the words "SECURITY POLICE" will be used in lieu of "MILITARY POLICE."</p>	<p>As specified in applicable DA technical publications. On ¼-ton military design trucks, a horizontal strip with lettering will be placed under the windshield and on a disc covering the spare wheel.</p> <p>Same as above.</p> <p>On both sides of vehicle.</p>
<p>25. Rifle and pistol team vehicles (decals of approved design)</p> <p>26. Calibration service vehicles</p>		<p>In accordance with applicable DA technical publications.</p>
<p>27. Convoy markings</p>	<p>Serial letter or number may be black on reflective signboard background.</p> <p>Any appropriate color.</p>	
<p>28. Tactical markings (may consist of stripes, geometrical figures, other simple designs, or naming of individual vehicle). (They will be used to provide a more visible means of identifying the vehicles of tactical units by personnel of those units during tactical operations. They will be of a suitable size to facilitate identification from ground or from a reasonable distance. They will be designed to be as nearly unintelligible as possible to enemy observation. Under no circumstances will they in any way represent the numerical designation or distinctive insignia of any unit. Under actual combat conditions, no written record will be made or published on the system of tactical markings used.)</p>		<p>As prescribed by commanders of major Army commands; any changes must be approved by those commanders.</p>
<p>29. Priority signs (They will be authorized by the area commander. They are valid only within the area under his jurisdiction. Signs must not be displayed when vehicle is not actually being used for a priority mission and must be removed when no longer required for that mission.)</p>		<p>On front and rear of vehicle. They will be fabricated and mounted on vehicles in accordance with TB 43-0209. Vehicles under the jurisdiction of NATO will comply with TB 34-9-249.</p>

Markings	Color	Placement
30. Air recognition panels	Red flourescent on one side and yellow flourescent on the reverse side.	Marked as directed by the appropriate major commander as to the arrangements and conditions under which they will be used. It will be draped on vehicle in a standard unchanging pattern different from displays prescribed for other recognition purposes, such as front lines, targets, etc. Size: 6"x2'3", each panel having a tie cord of adequate length in each corner.
31. Commercial design vehicle markings (Unless otherwise specified, vehicles assigned to TOE or TD units, or to other organizations and activities for nonadministrative use.)		Similar to markings used on military design vehicles.

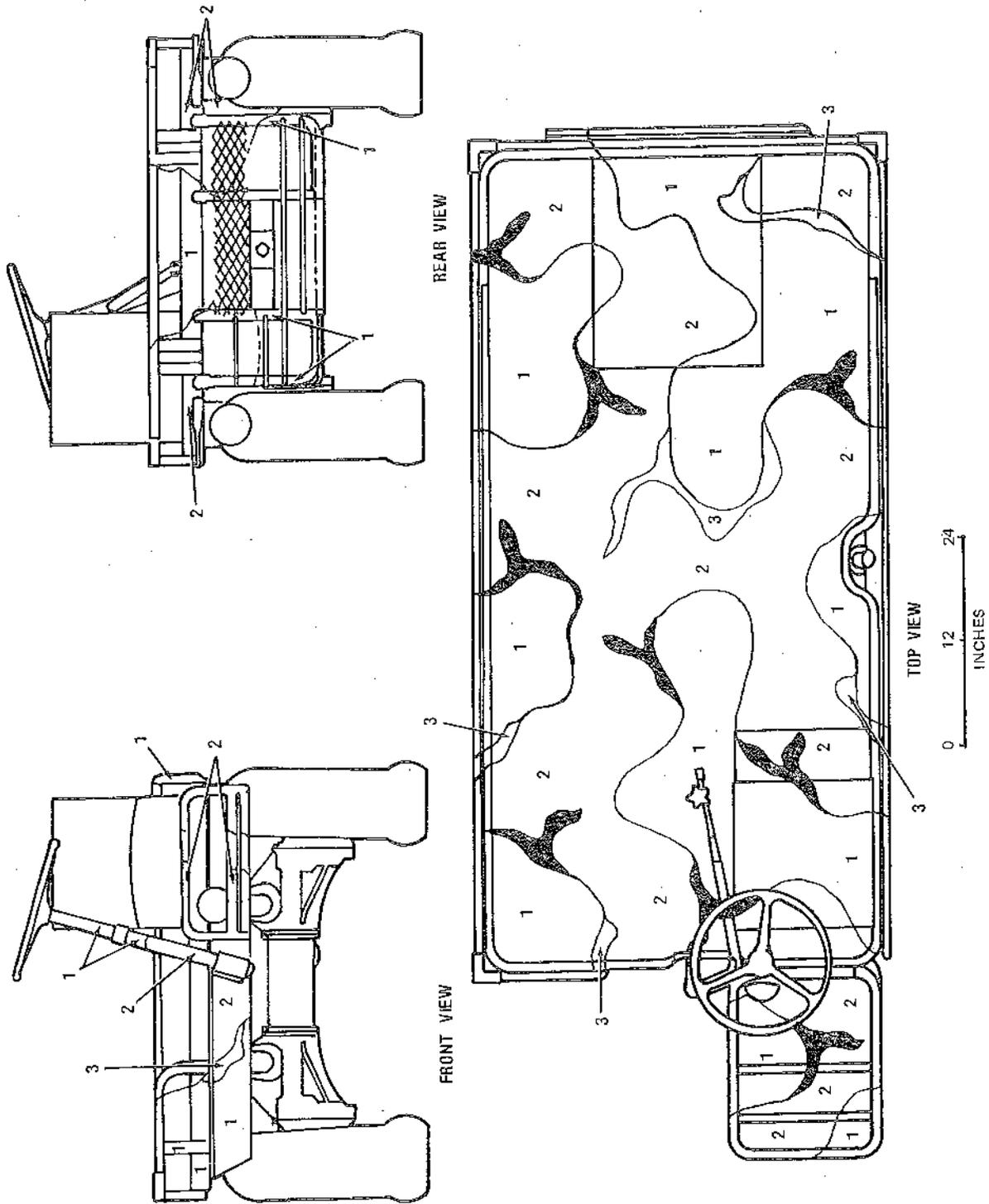
The following markings are divided into four elements:

*a. Major command, organization or activity.* The major headquarters having jurisdiction over the vehicle or equipment, normally not lower than a division, brigade, group, or major subordinate command.

*b. Intermediate organization or activity.* The next lower headquarters having jurisdiction over the vehicle or equipment, normally the headquarters above the unit to which the vehicle or equipment is assigned. This includes regiments, separate battalions, installations, and separate companies or detachments not assigned to an intermediate headquarters.

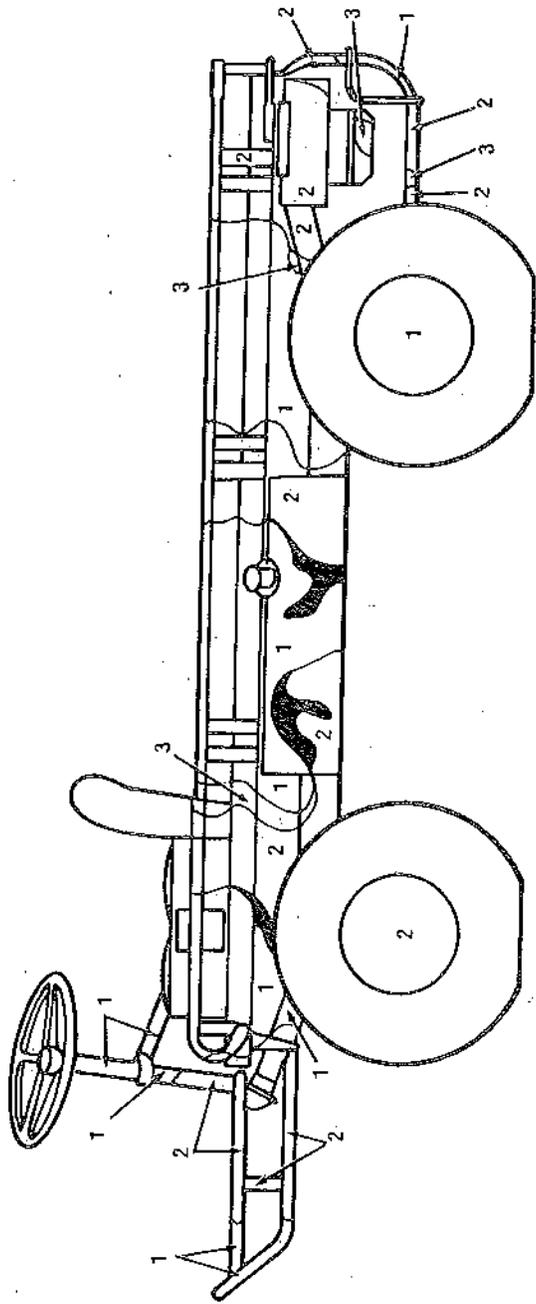
*c. Unit or activity.* The lowest unit or activity to which the vehicle is assigned, normally a company type unit. This space may be used to identify the type of separate company or detachment already identified above.

*d. Vehicle or equipment number.* The sequence number of the vehicle or equipment in the normal order of march within the unit to which it is assigned.

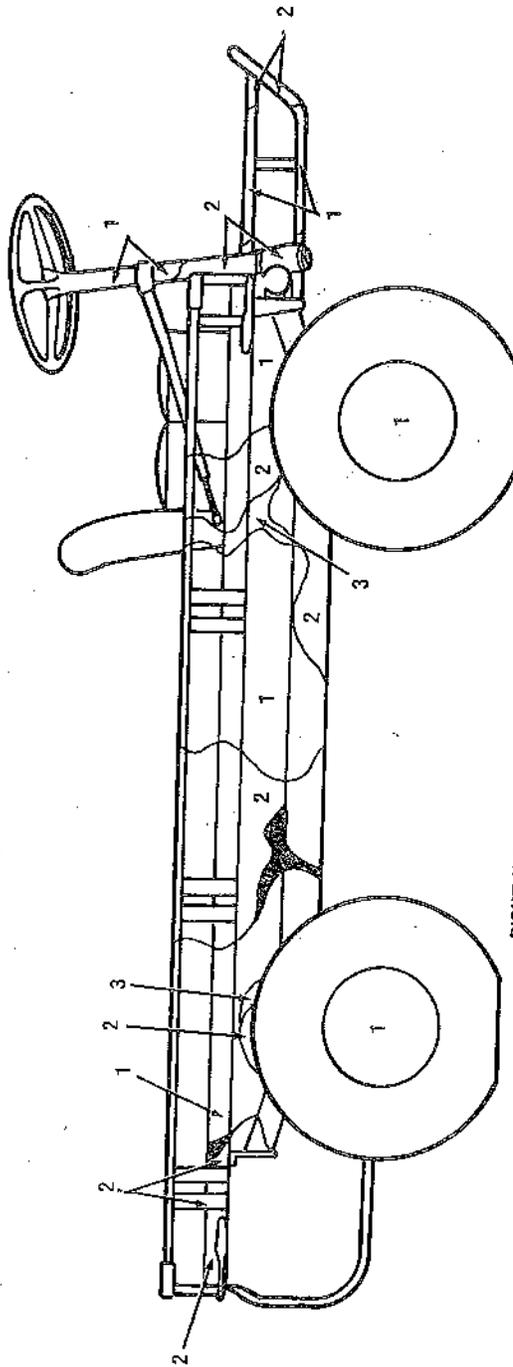


TA031681

Figure 29. Truck, platform, utility: 1/2-ton, M274. (1 of 2)



LEFT VIEW

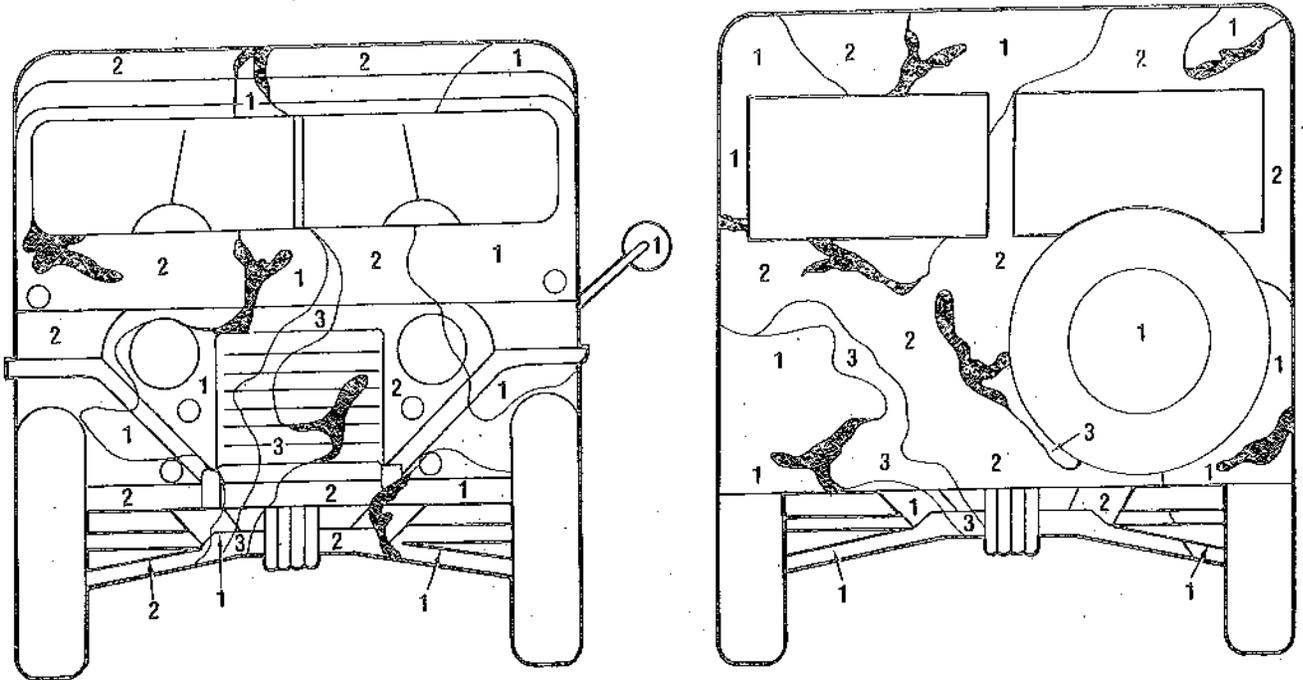


RIGHT VIEW



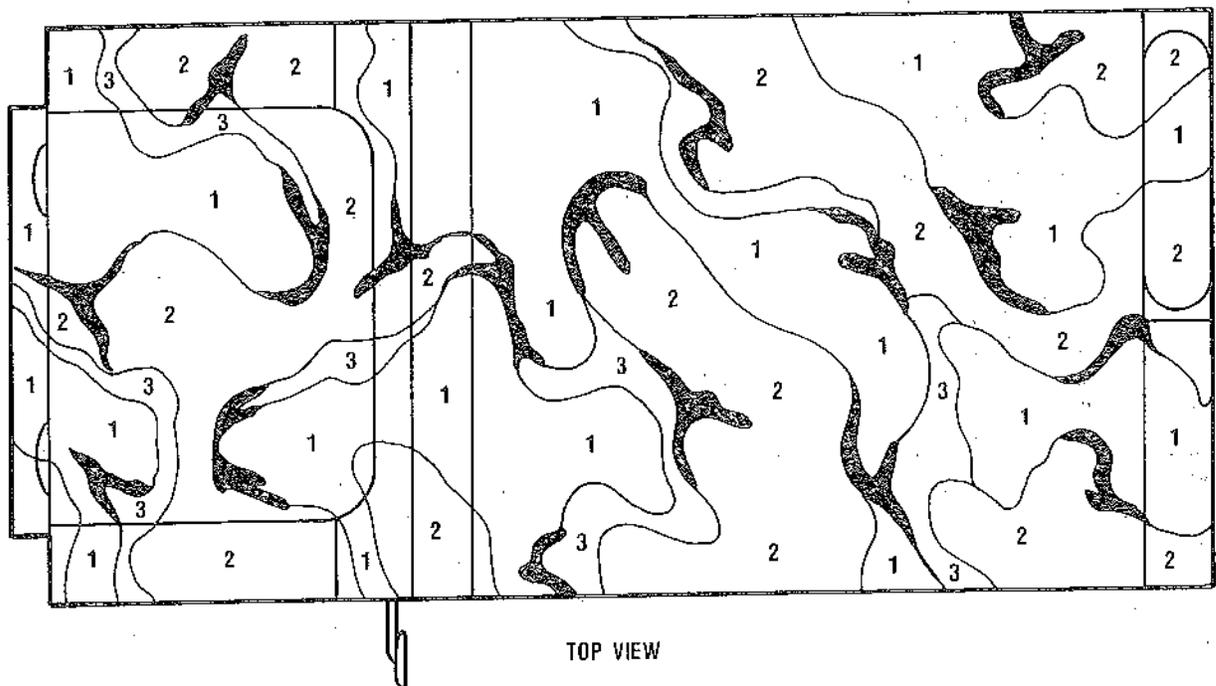
TA031682

Figure 30. Truck, platform utility: 1/2-ton, M274. (2 of 2)



FRONT VIEW

REAR VIEW

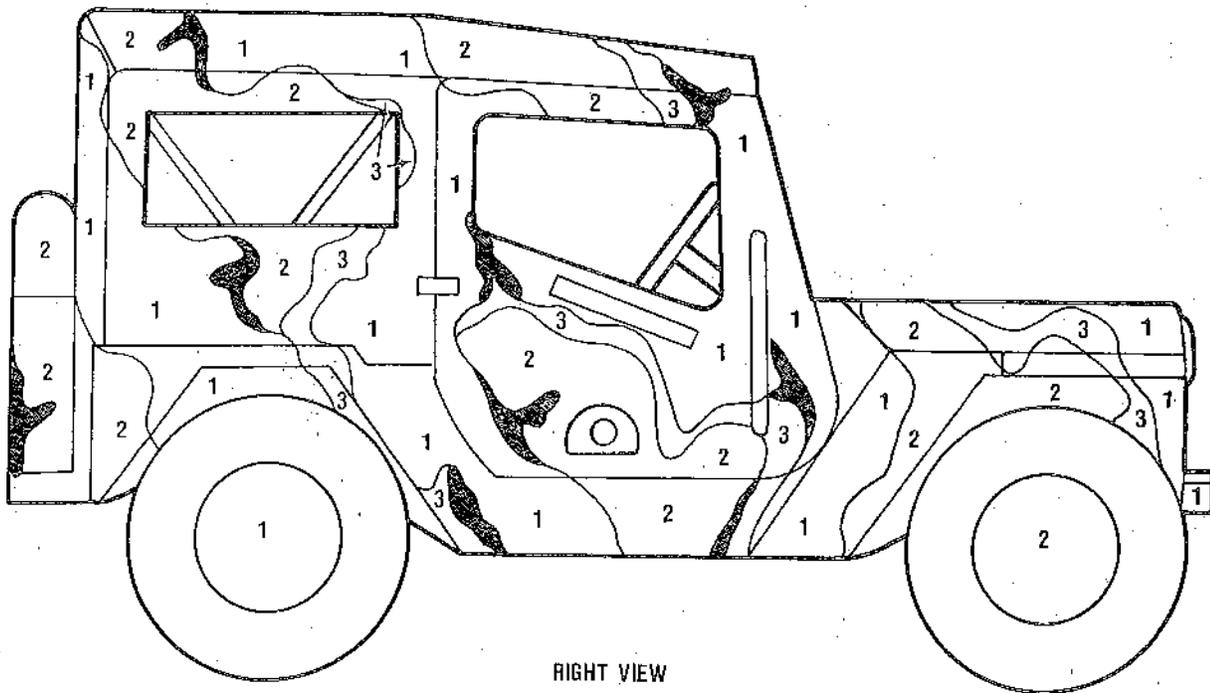
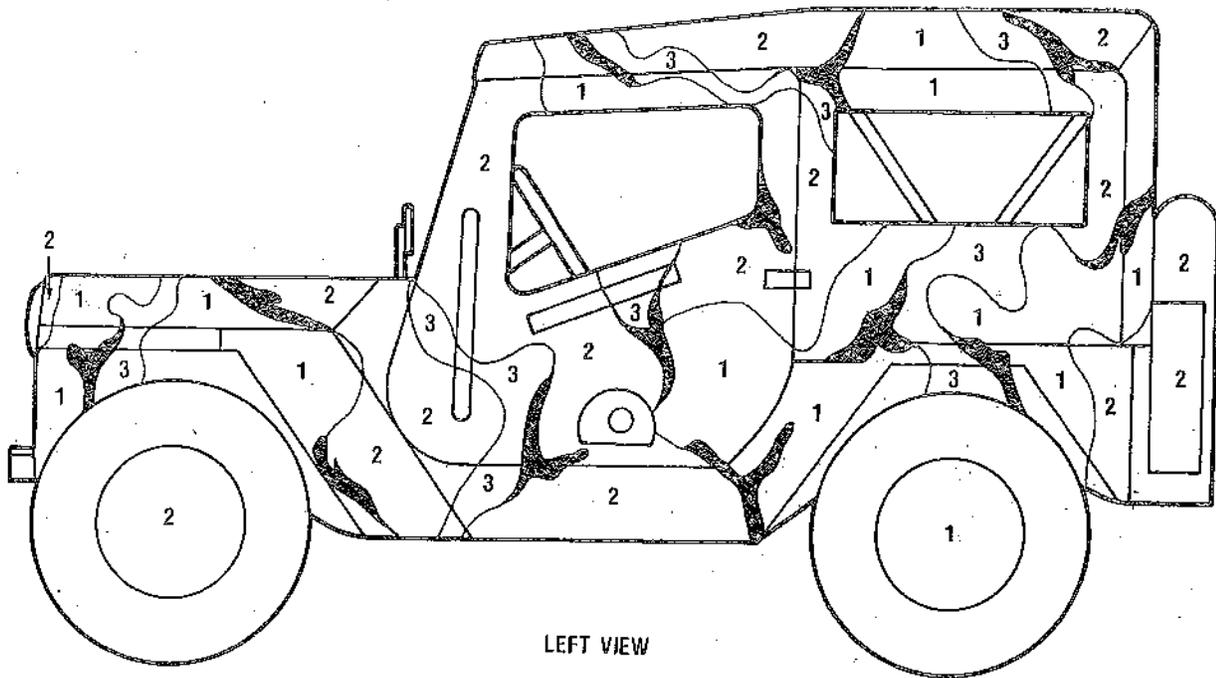


TOP VIEW

12 INCHES

TA031630

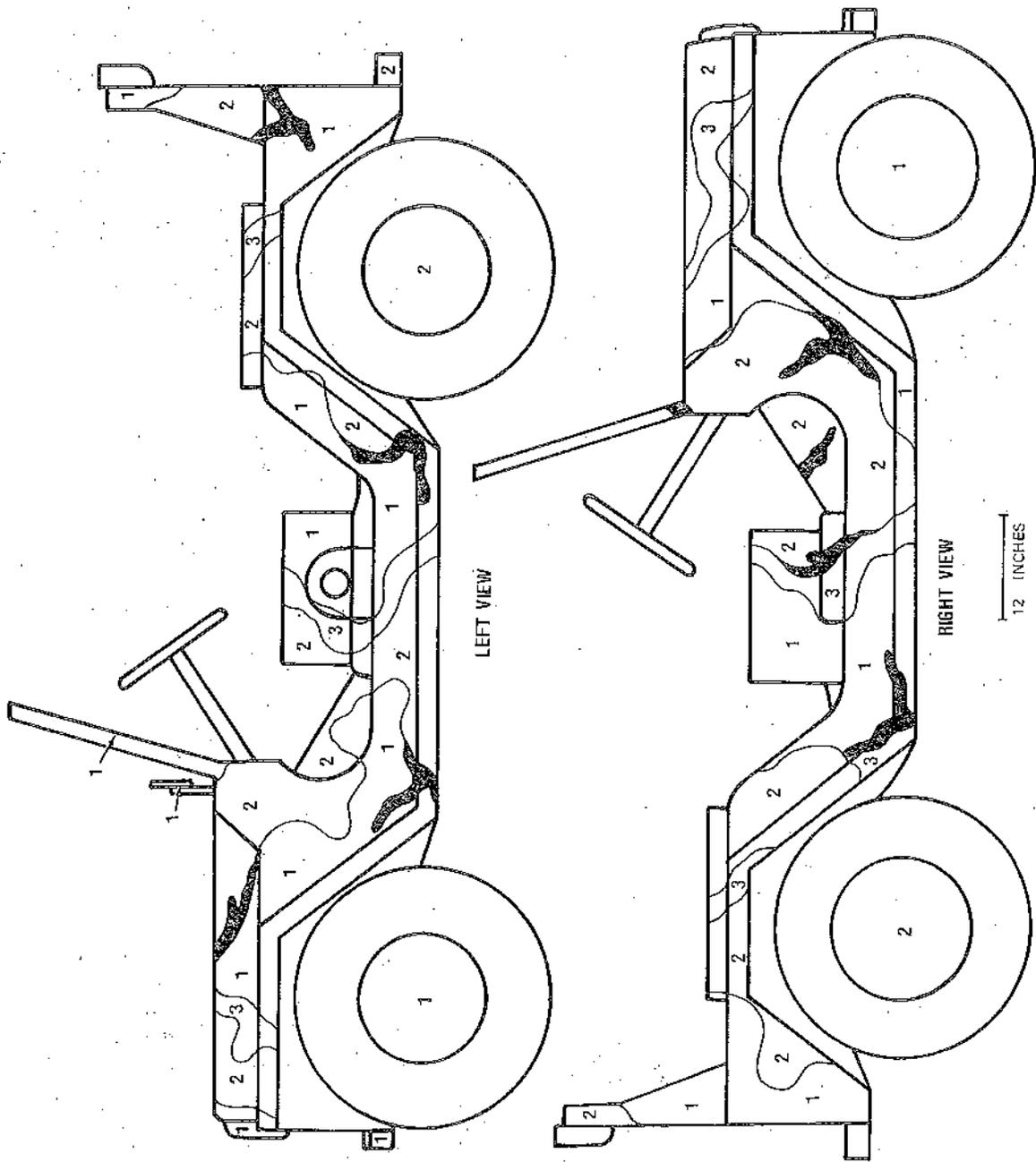
Figure 31. Truck, utility: 1/4-ton, M151 (w/canvas). (1 of 2).



12 INCHES

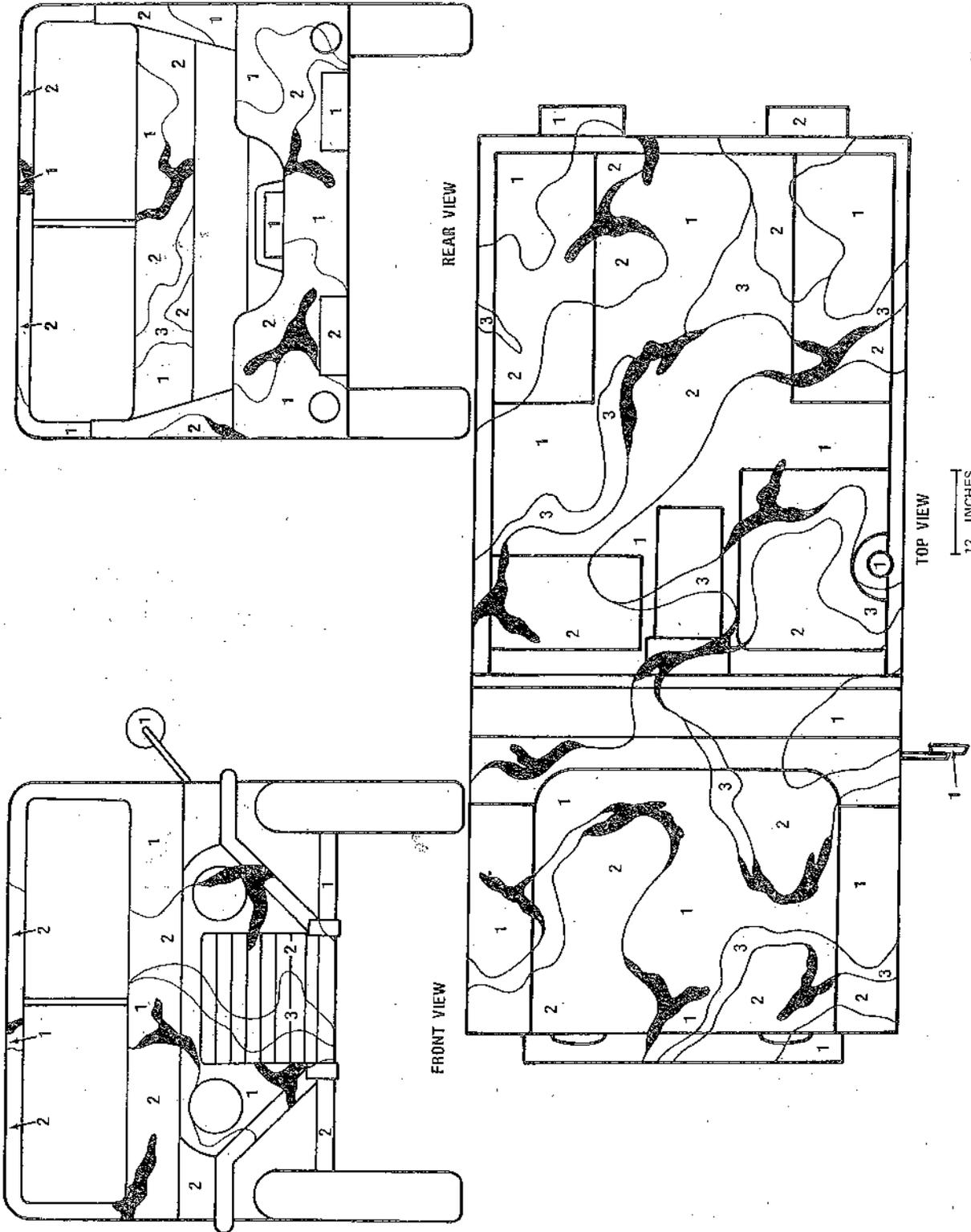
TA031631

Figure 32. Truck, utility: 1/4-ton, M151 (w/canvas). (2 of 2).



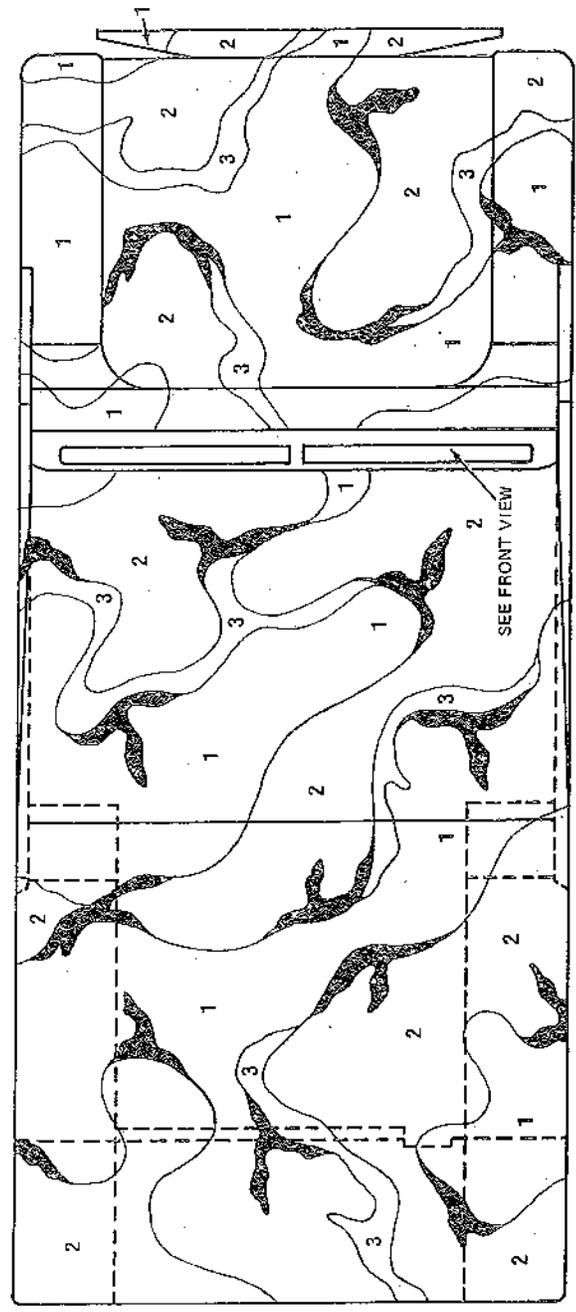
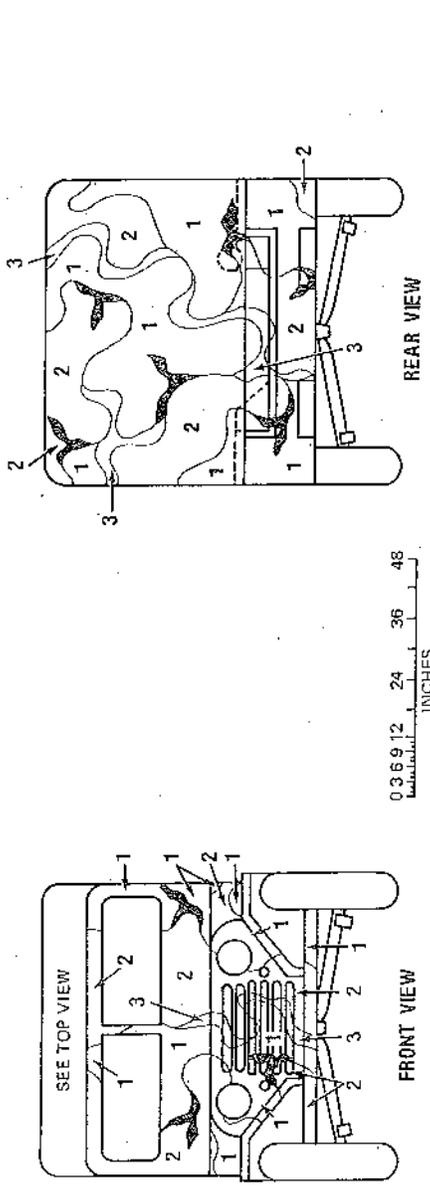
TA031689

Figure 33. Truck, utility, 1/4-ton, MI51 (w/o canvas). (1 of 2).



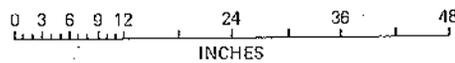
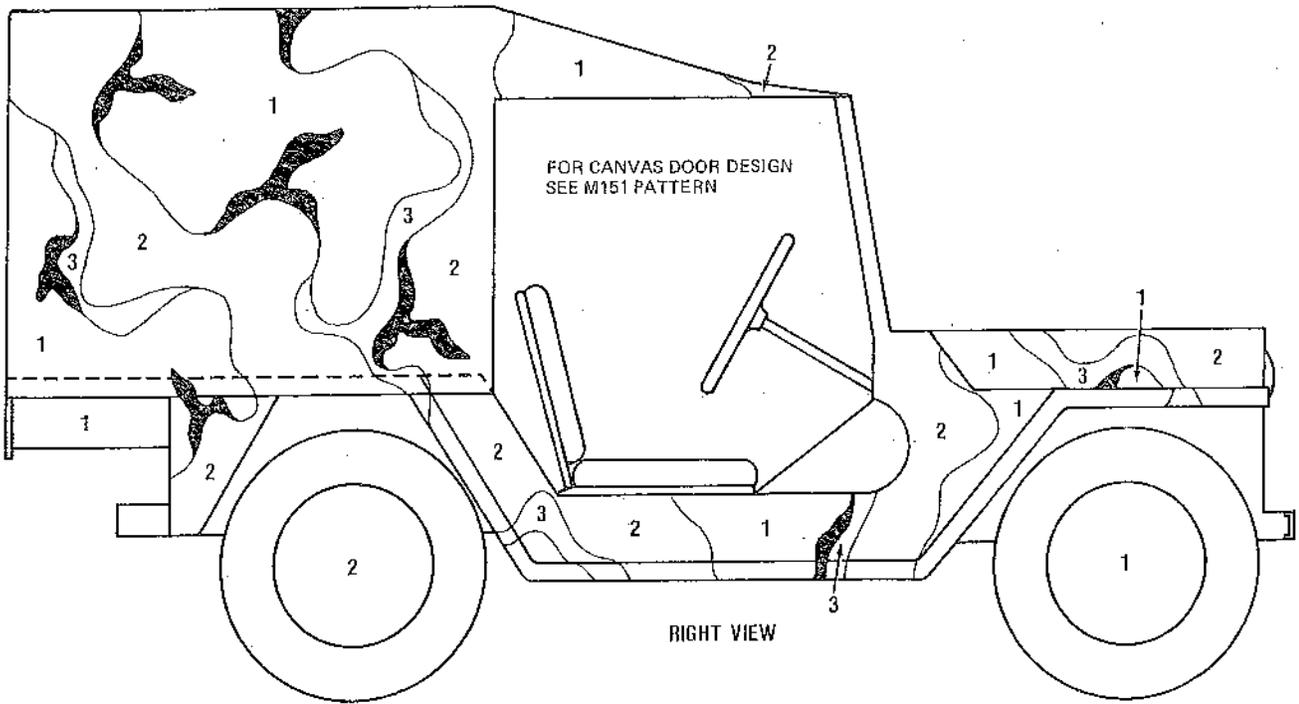
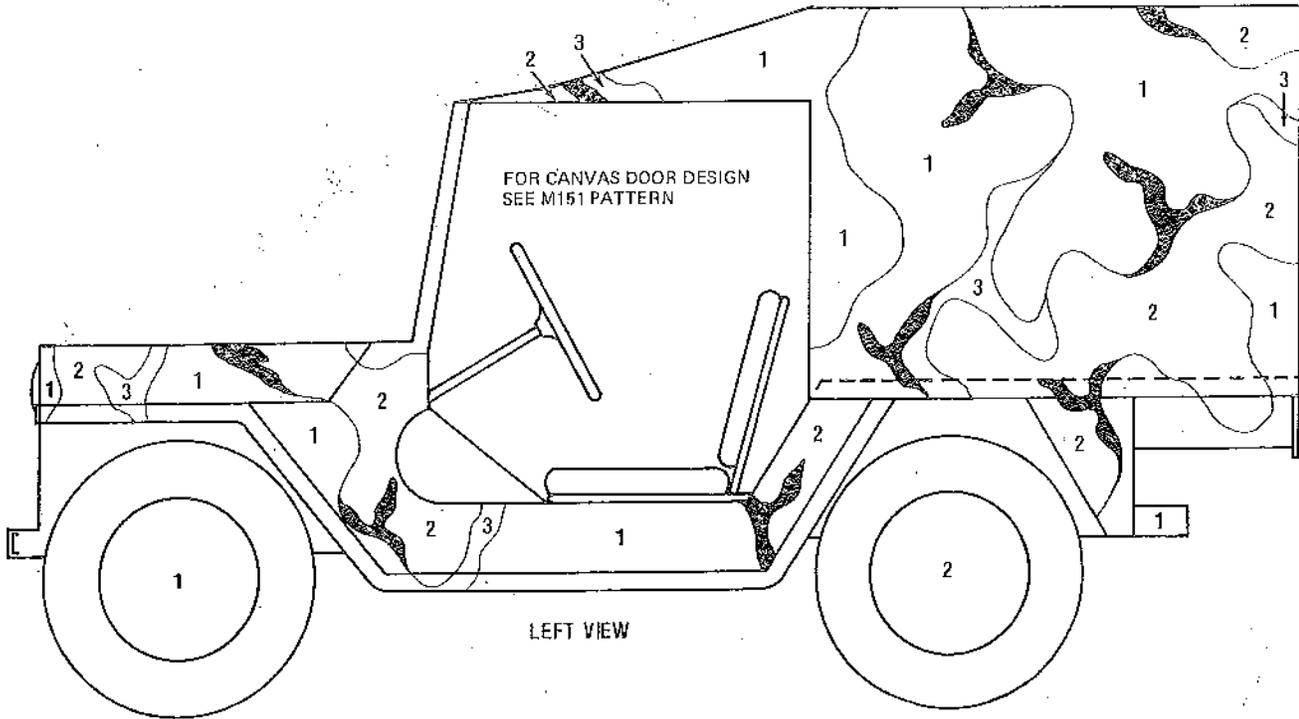
TA031670

Figure 34. Truck, utility: 1/4-ton, M151 (w/o canvas). (2 of 2).



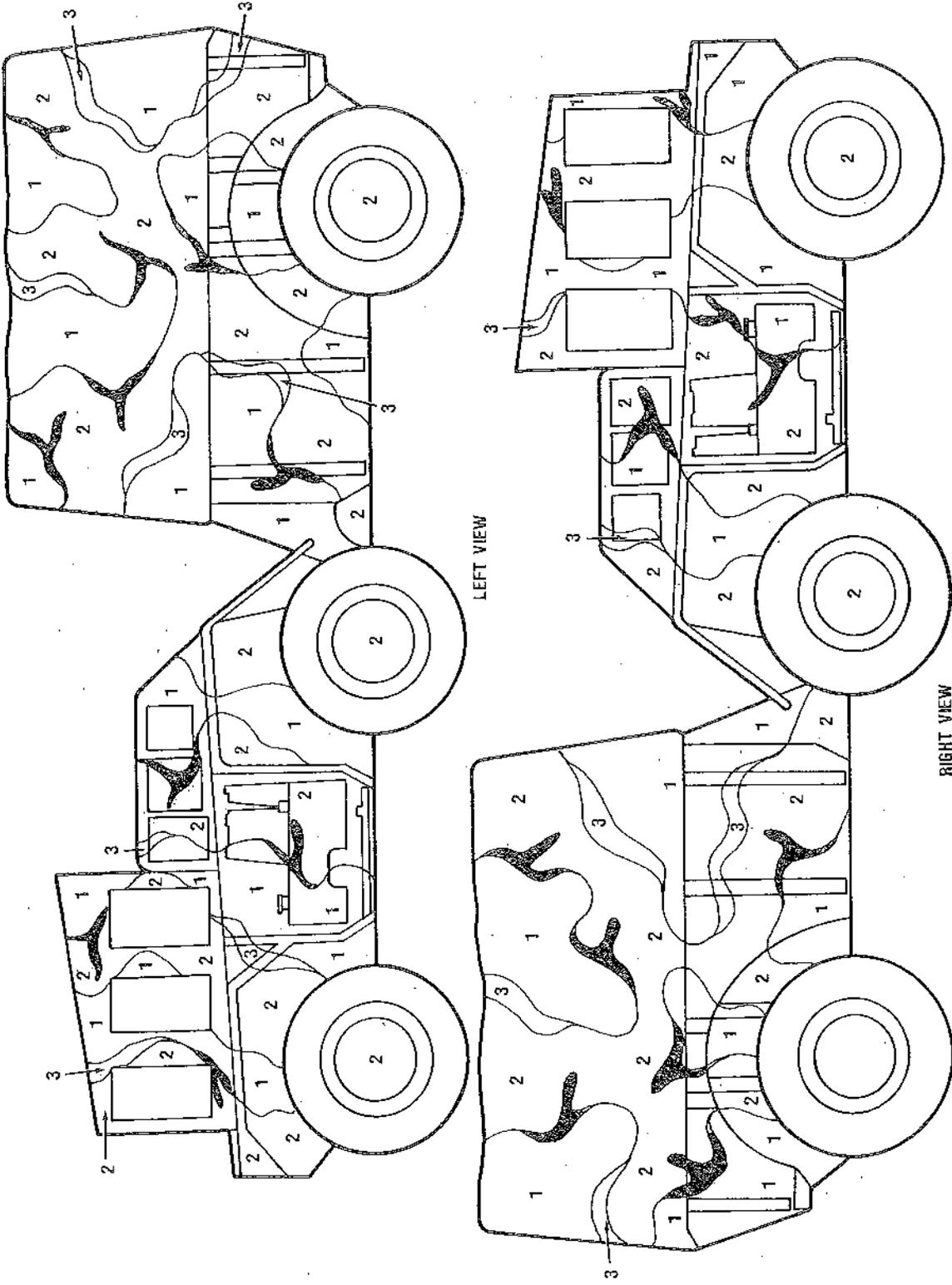
TA031671

Figure 35. Truck, ambulance frontliner: 1/4-ton, M718. (1 of 2)



TA031672

Figure 36. Truck, ambulance, frontline: 1/4-ton, M718. (2 of 2)



TA031667

Figure 37. Truck, ambulance: 1 1/4-ton, M792 (see M561). (1 of 2).

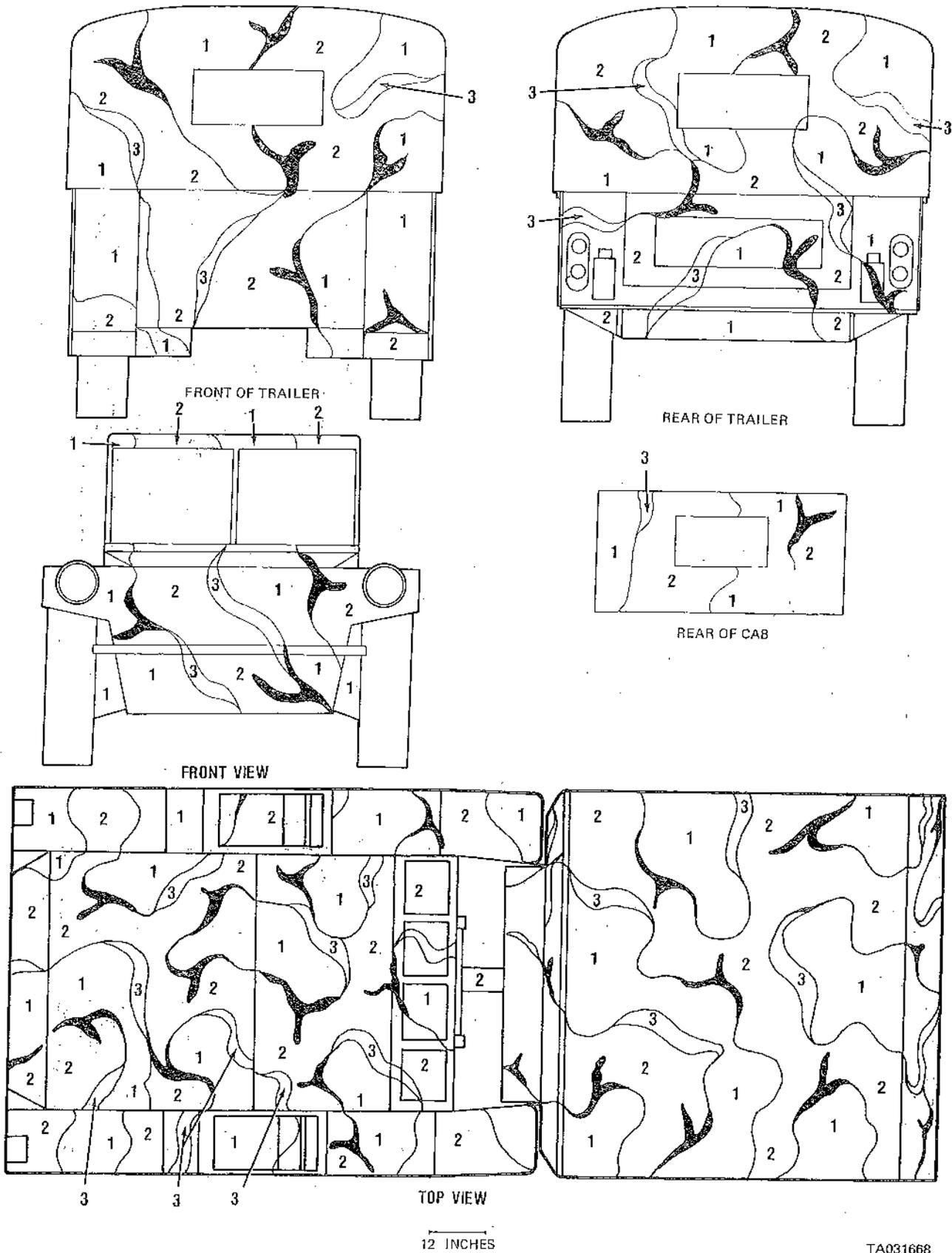
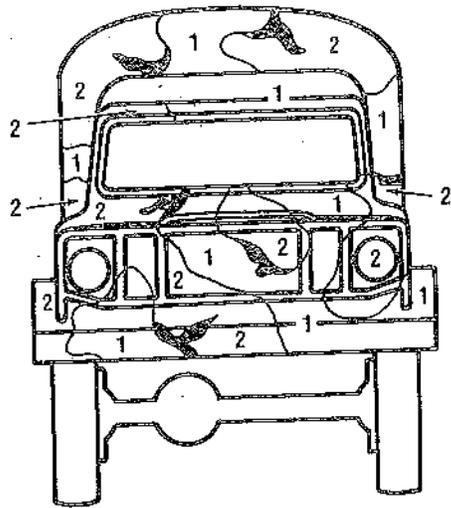
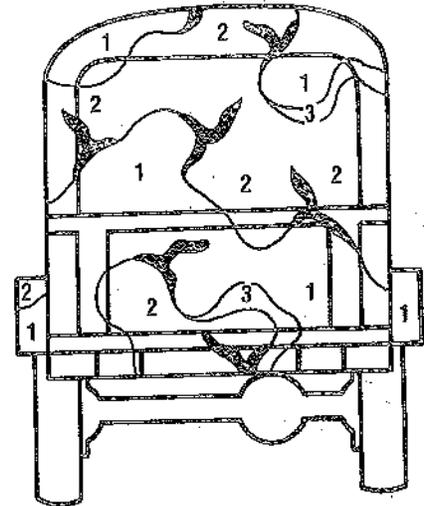


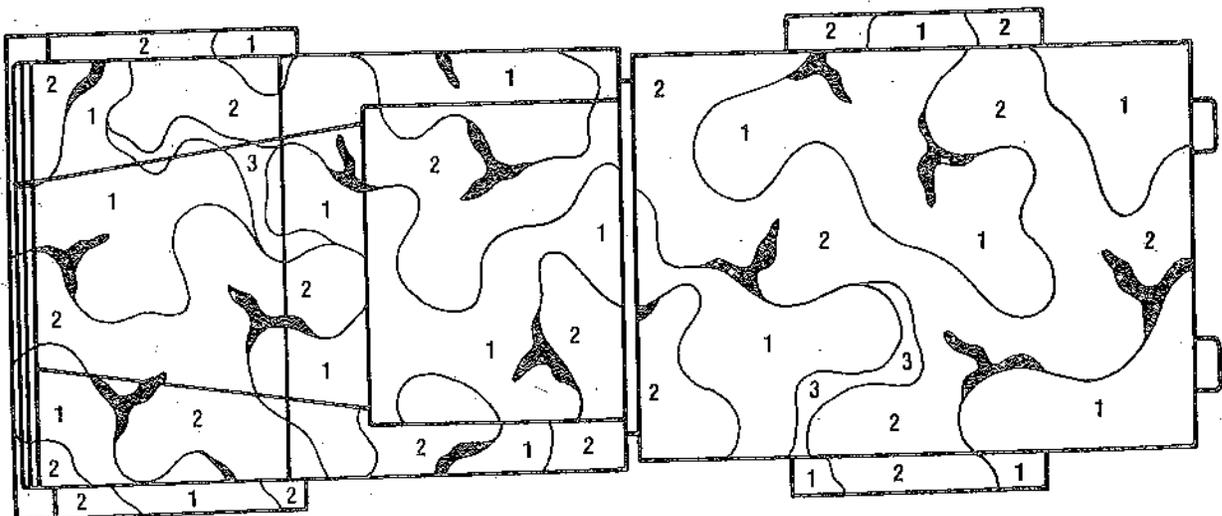
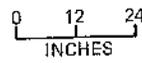
Figure 38. Truck, ambulance: 1 1/4-ton, M792 (see M561). (2 of 2).



FRONT VIEW



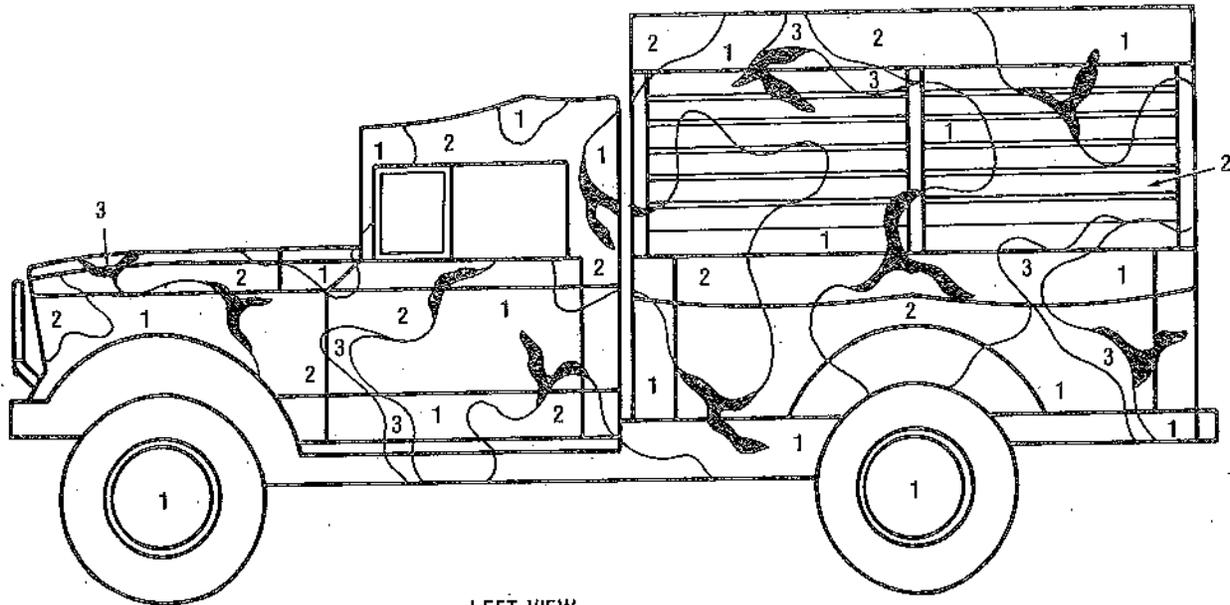
REAR VIEW



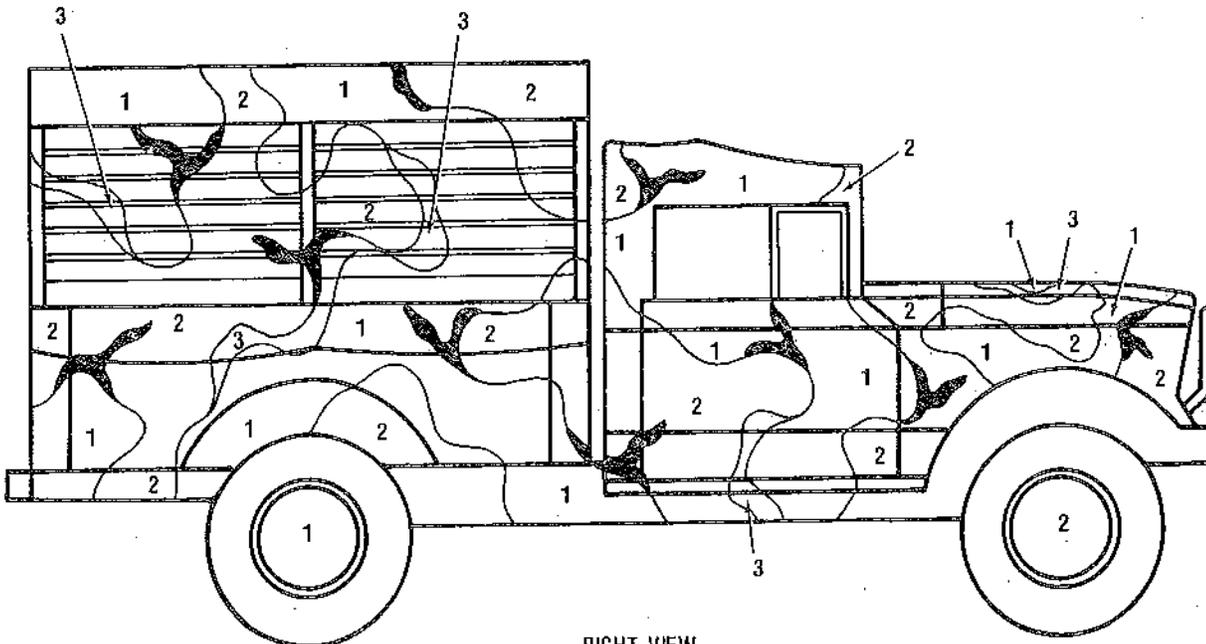
TOP VIEW



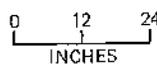
Figure 39. Truck, cargo: 1/4-ton, M715. (1 of 2)



LEFT VIEW

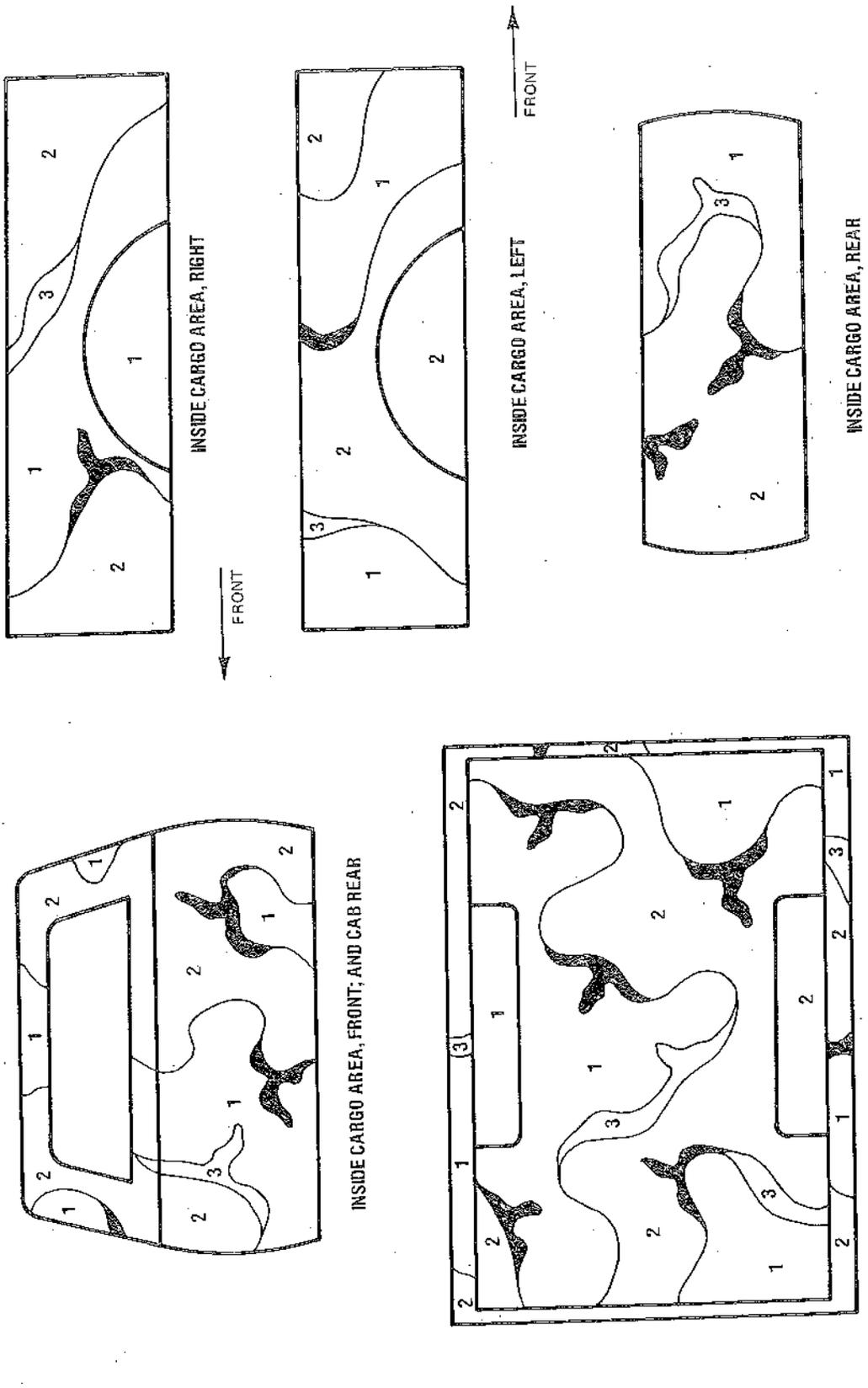


RIGHT VIEW



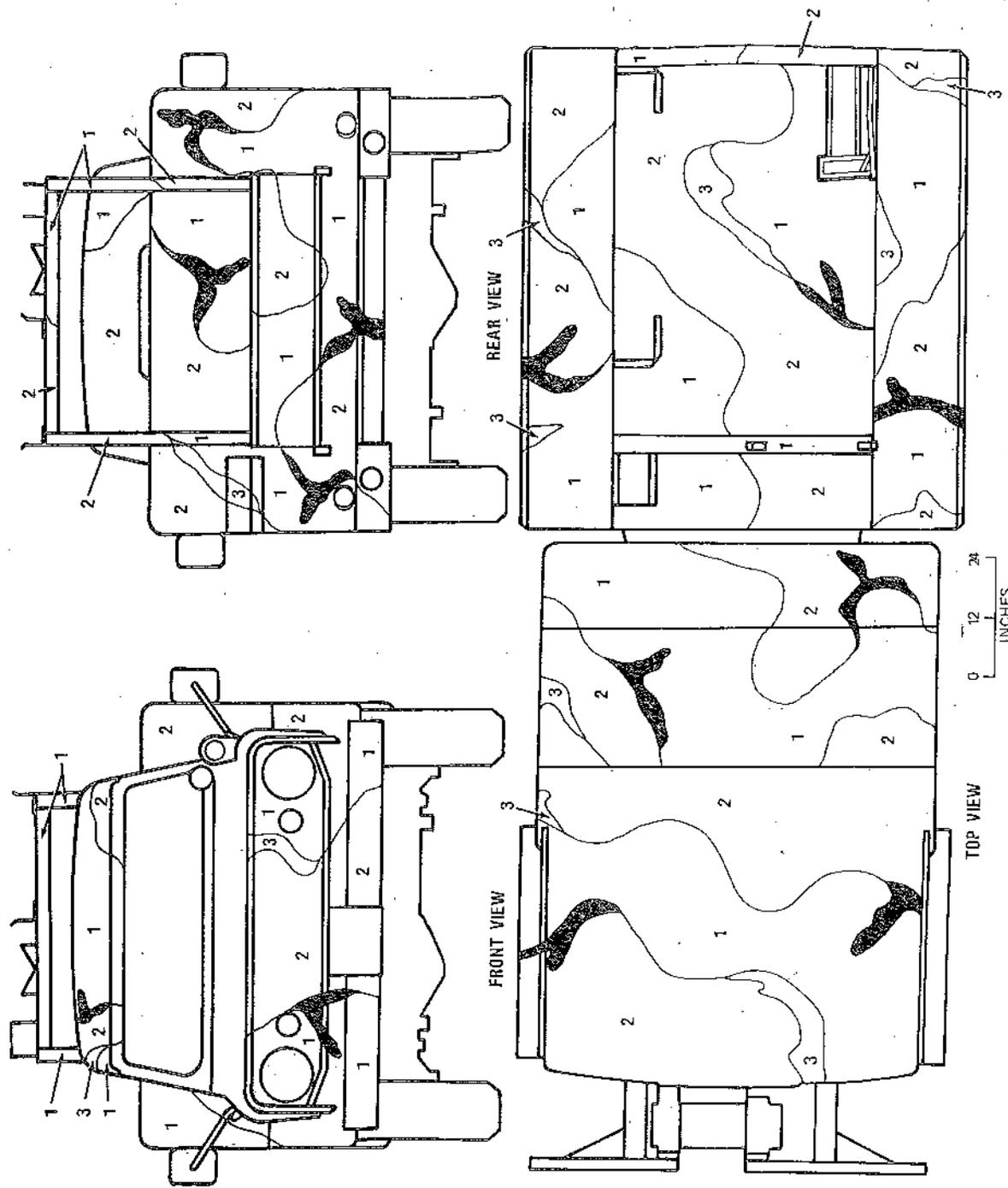
TA031749

Figure 40. Truck, cargo: 1¼-ton, M715. (2 of 2).



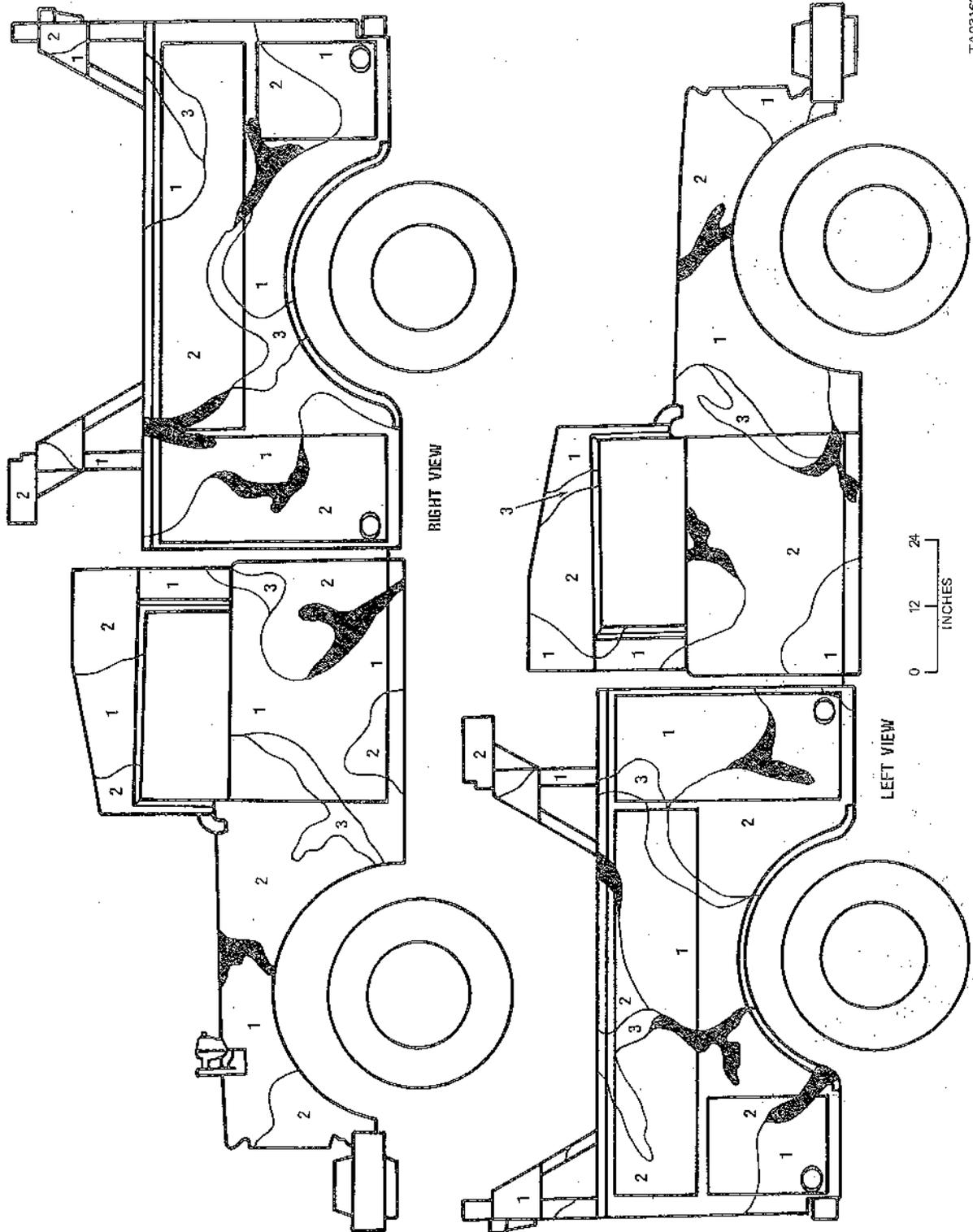
TA031735

Figure 41. Truck, cargo: 1 1/4-ton, M880 (see M715).



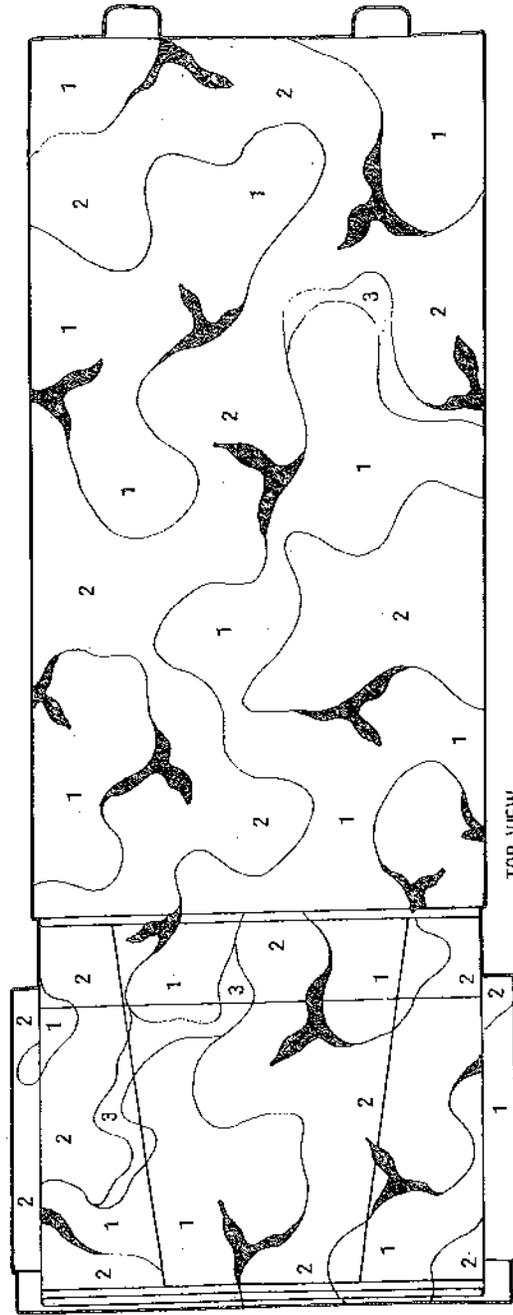
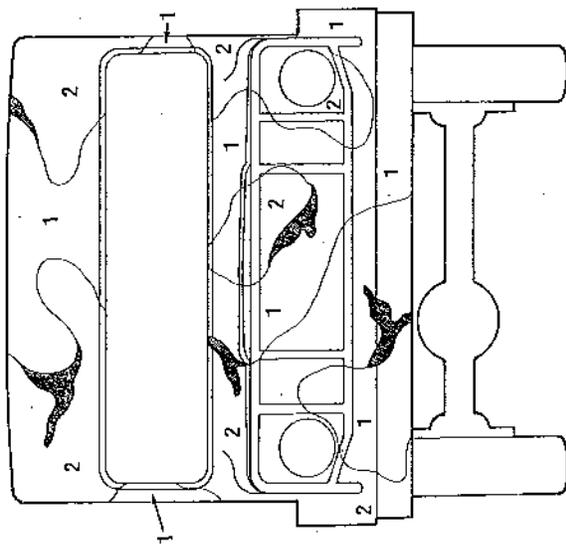
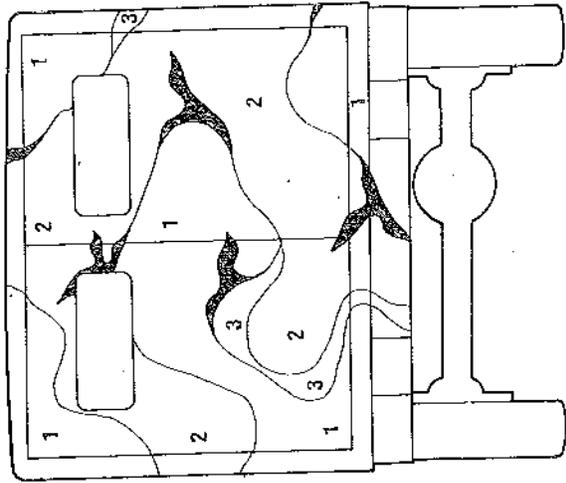
TA031628

Figure 42. Truck, maintenance: 1 1/4-ton, M726 w/winch. (1 of 2).



TA031629

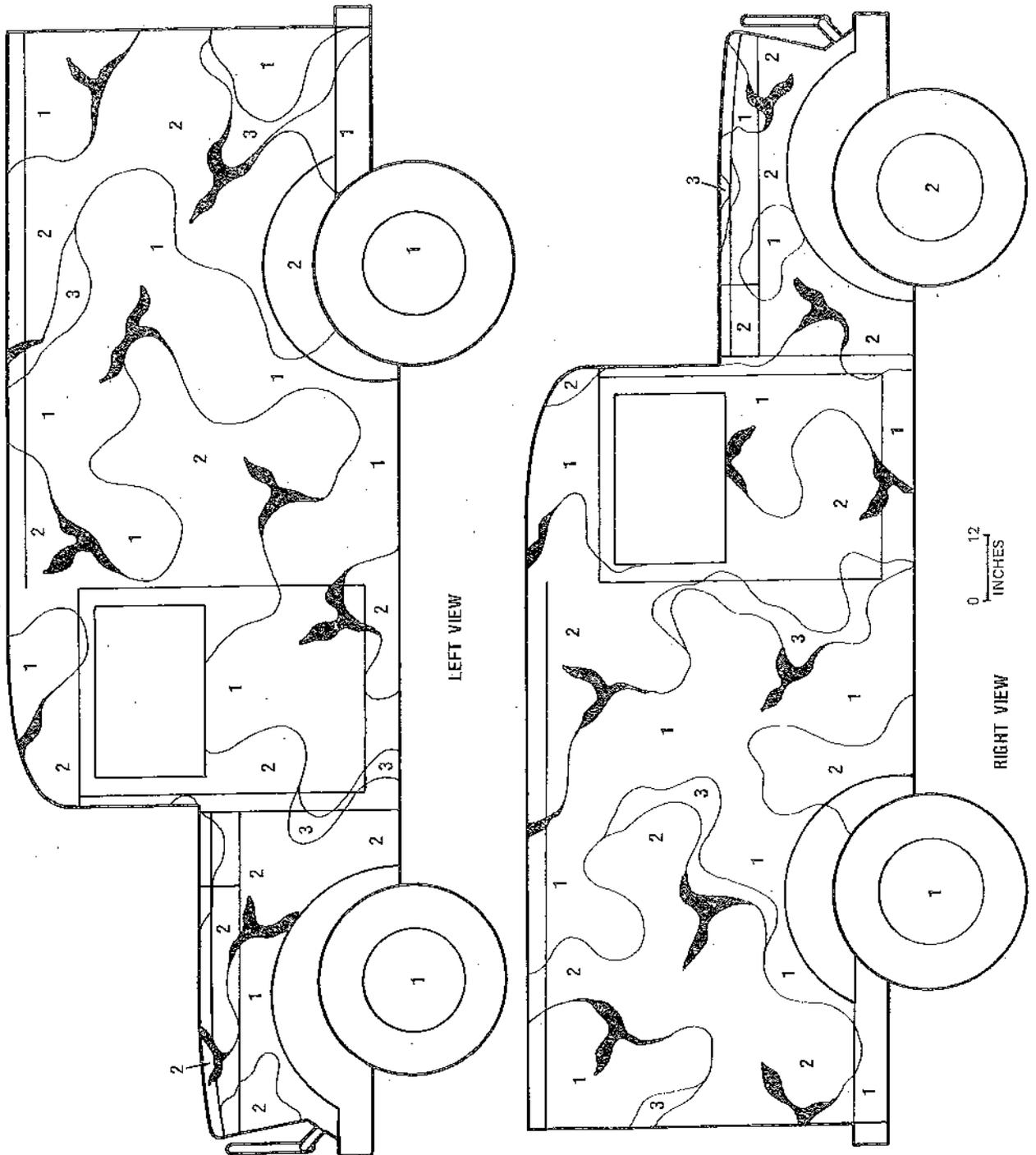
Figure 43. Truck, maintenance: 1¼-ton, M726 w/winch. (2 of 2).



0 12  
INCHES

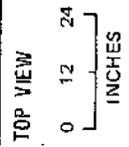
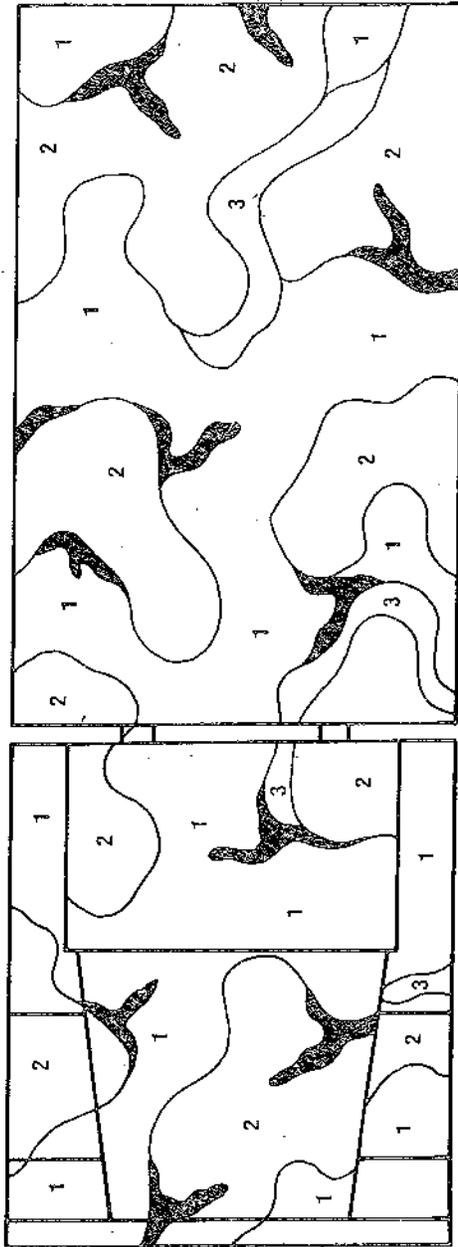
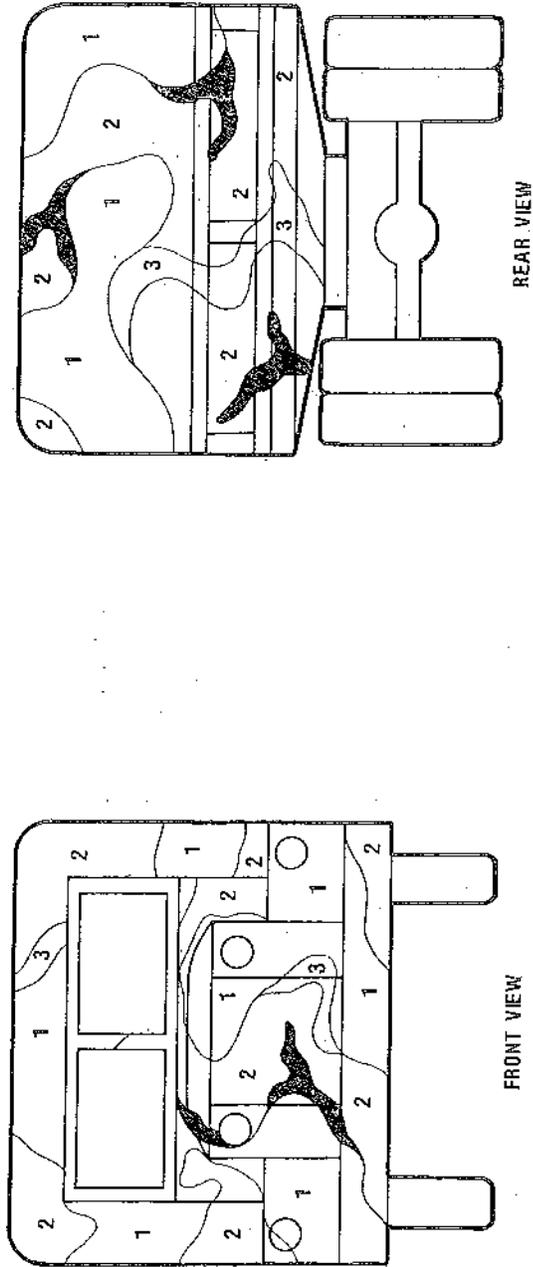
TA031683

Figure 44. Truck ambulance: 1 1/4-ton, M725. (1 of 2)



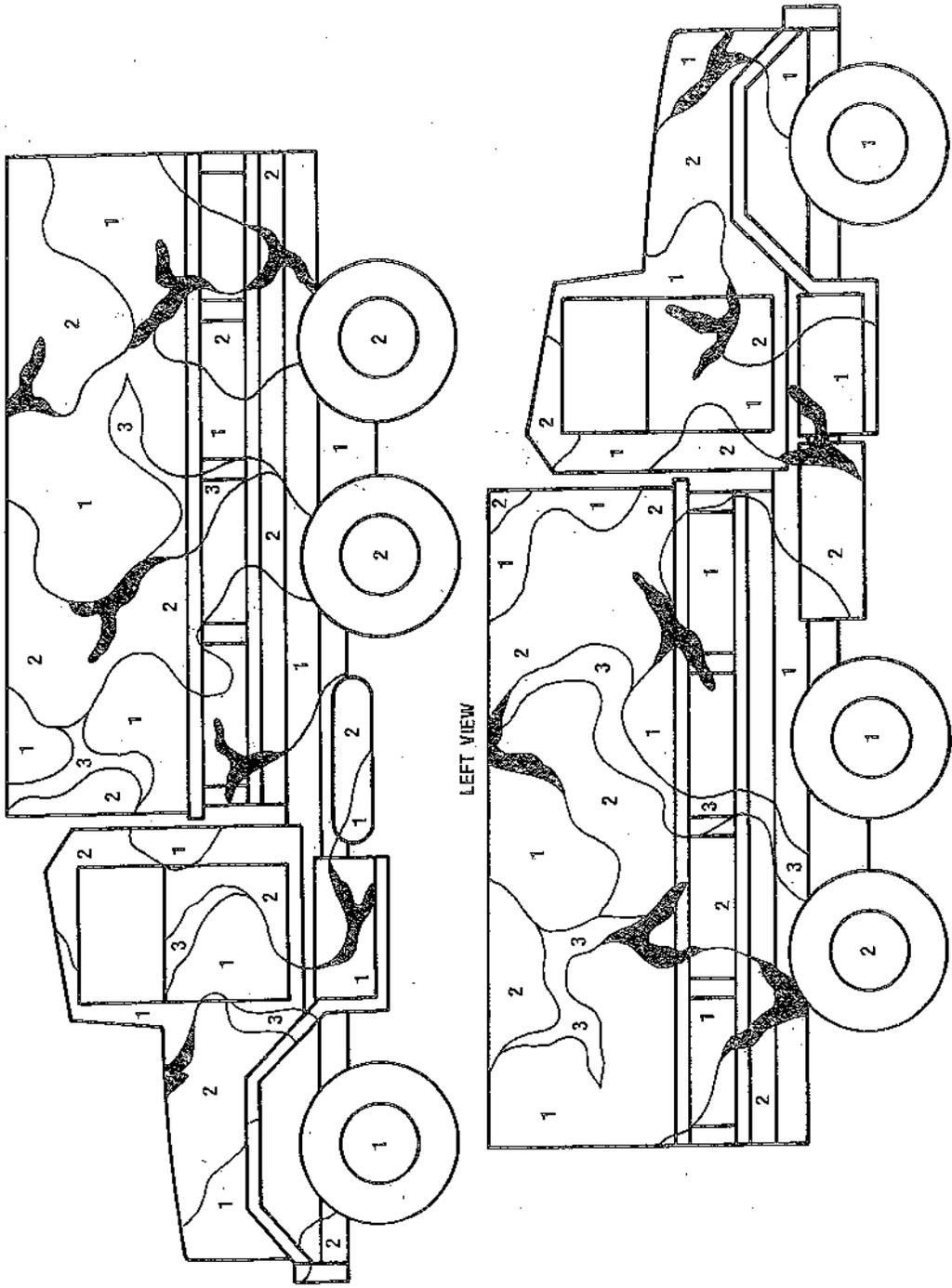
TA031684

Figure 45. Truck, ambulance: 1 1/4-ton, M725. (2 of 2).



TA031805

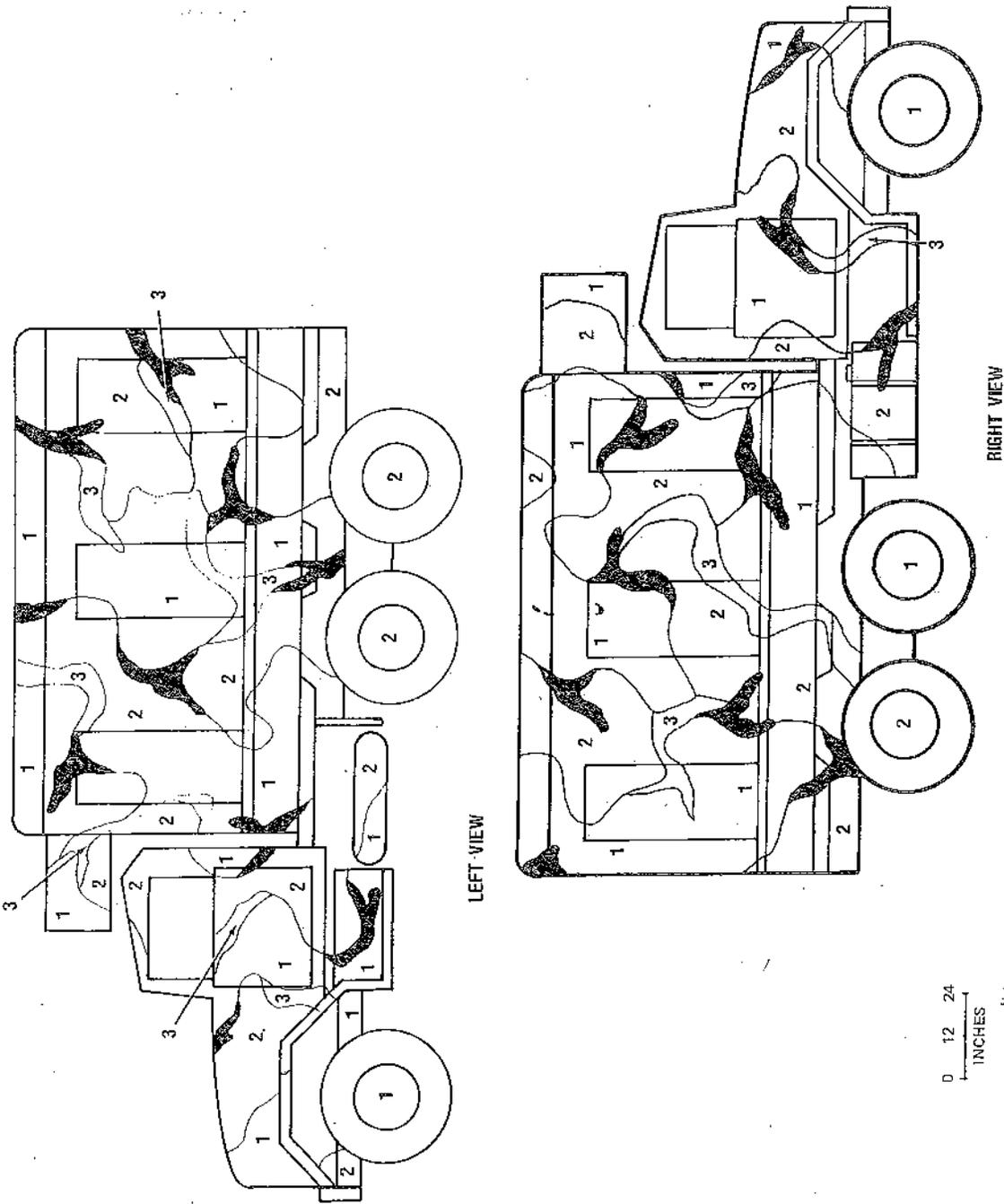
Figure 46. Truck, cargo: 2 1/4-ton, M35A2. (1 of 2).



RIGHT VIEW  
 0 12 24  
 INCHES

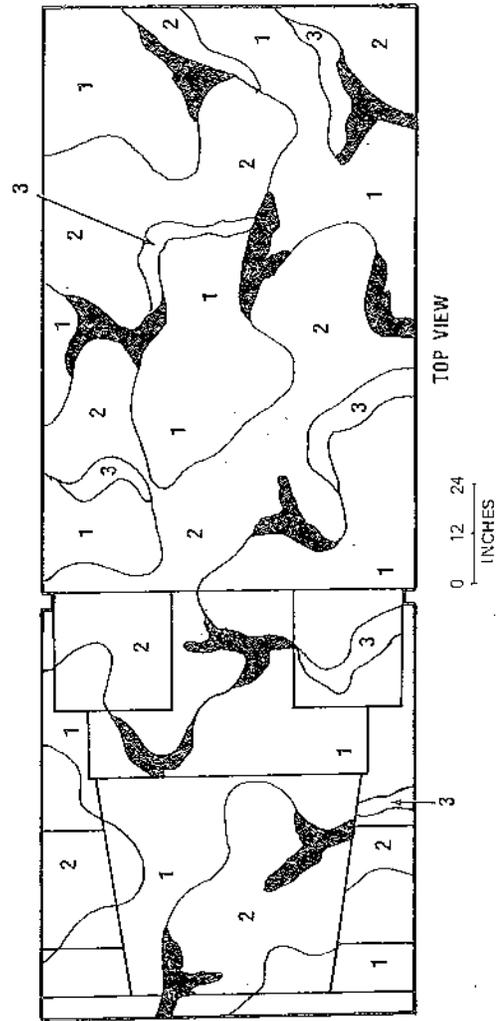
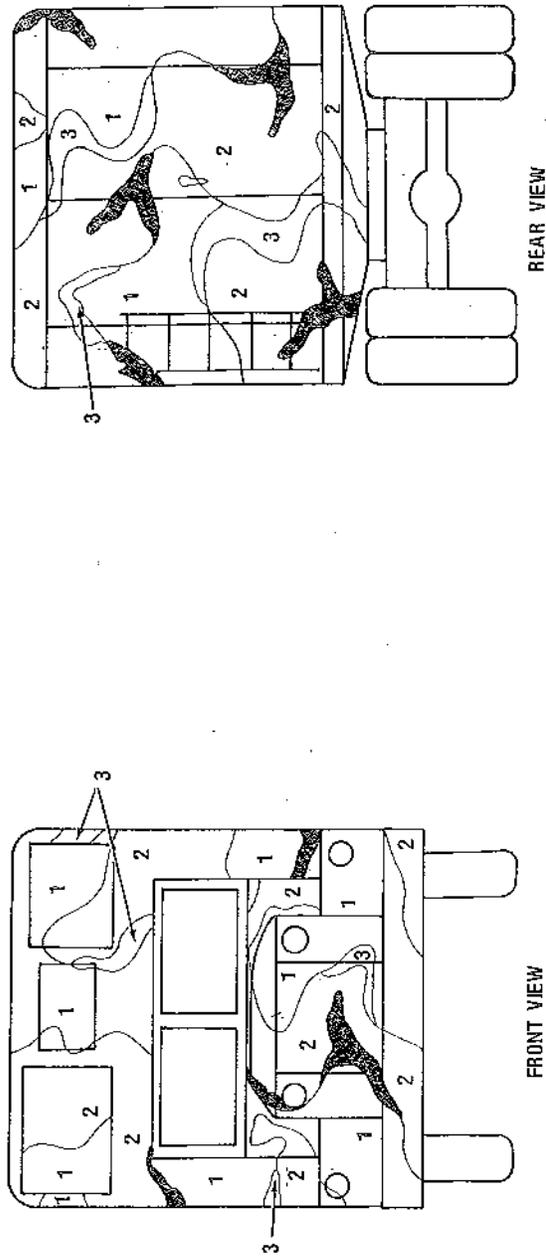
Figure 47. Truck, cargo: 2½-ton, M35A2. (2 of 2)

TA031806



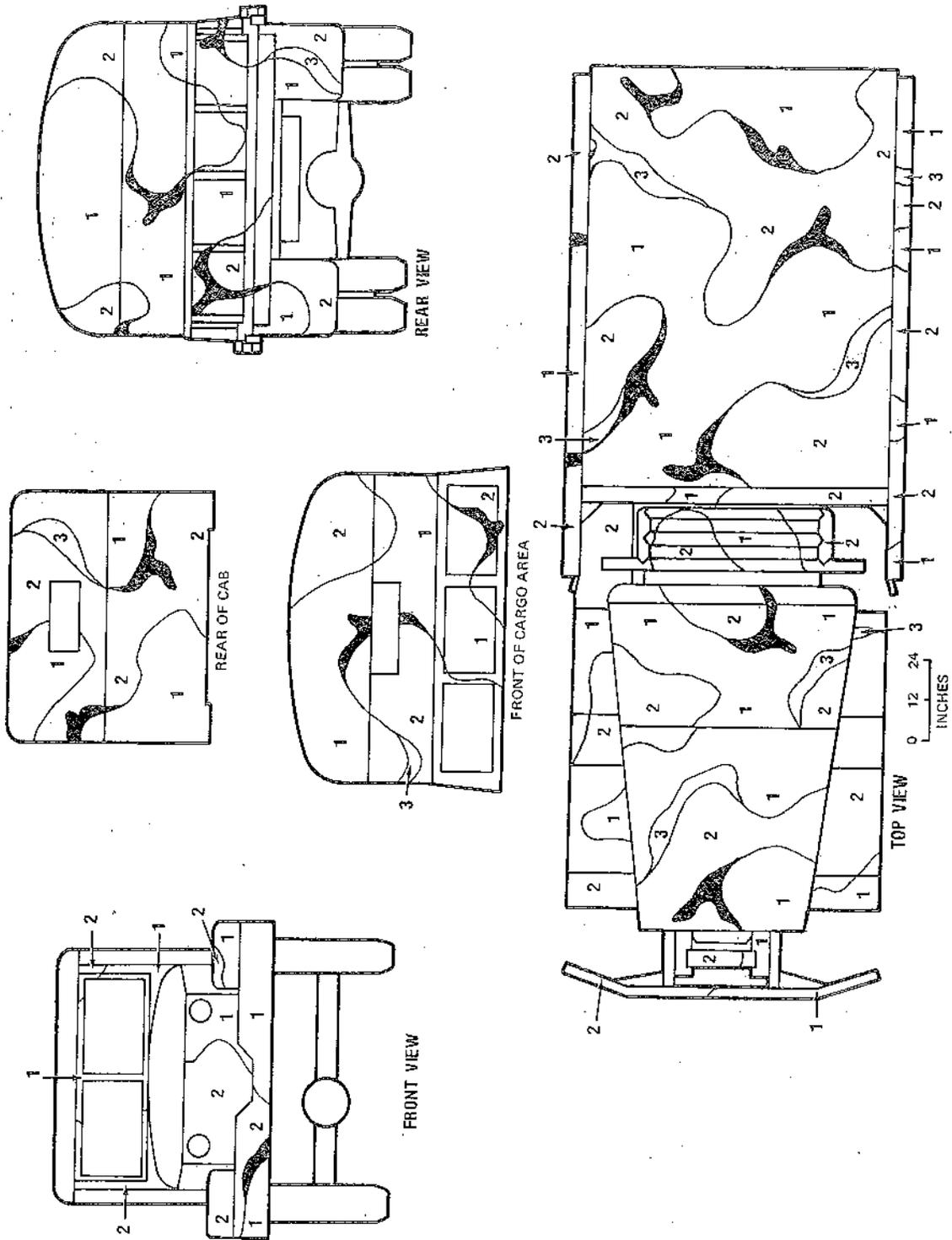
TA031738

Figure 48. Instrument repair shop, truck, mounted: 2 1/2-ton, M185. (1 of 2)



TA031739

Figure 49. Instrument repair shop, truck, mounted: 2½-ton M185. (2 of 2).



TA031751

Figure 50. Truck, pipeline construction: 2½-ton, M756. (1 of 2).

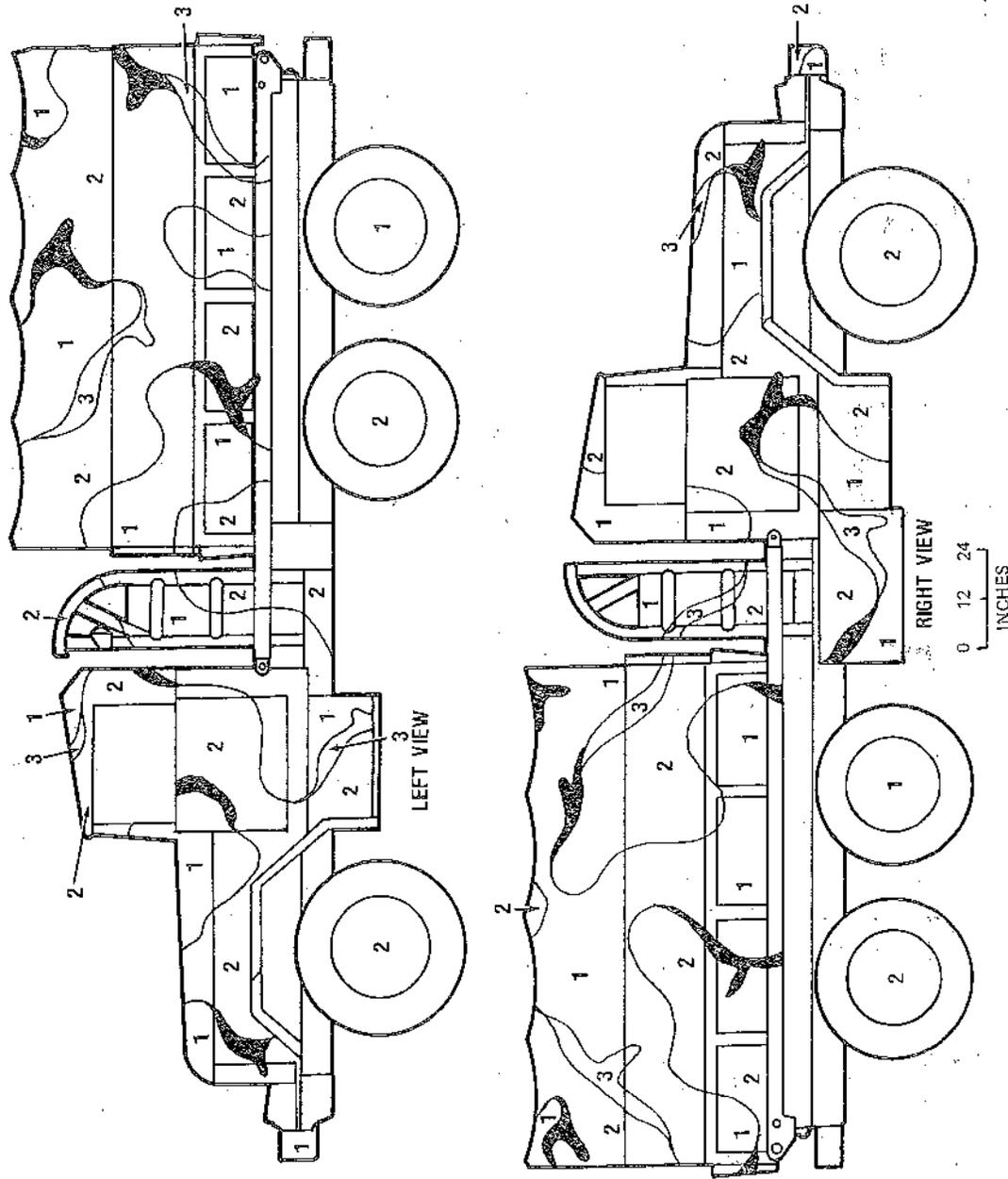


Figure 51. Truck, pipeline construction: 2½-ton, M756. (2 of 2).

TA031752

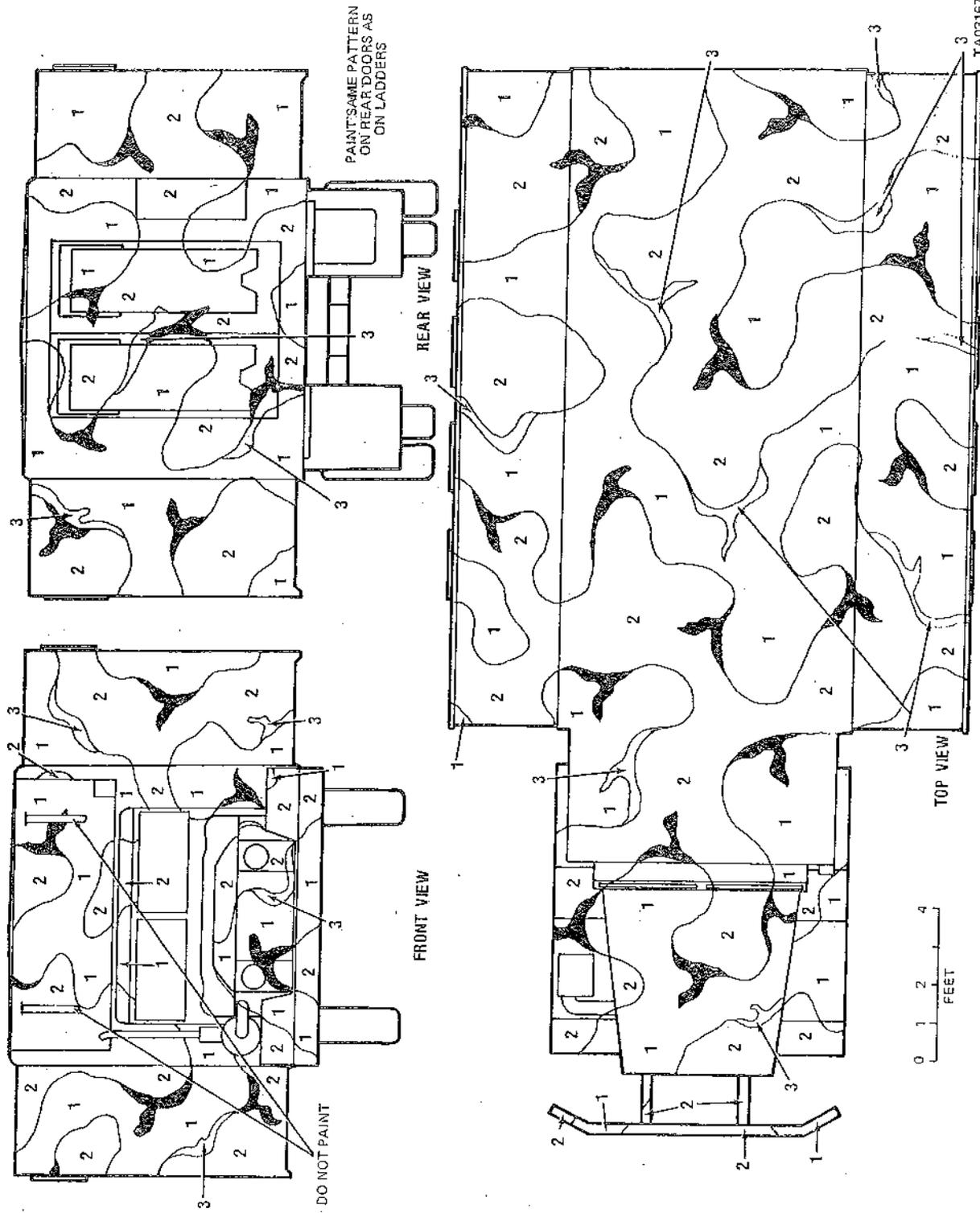


Figure 52. Truck, van: expandable, 2½-ton, M292A2. (1 of 2).

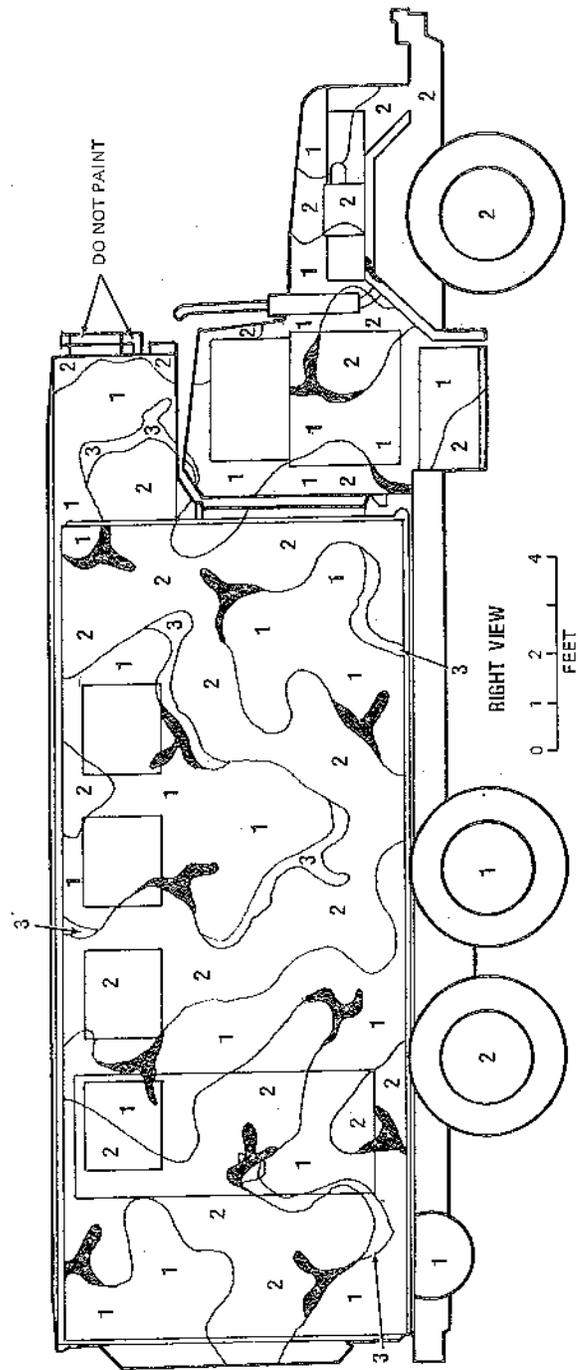
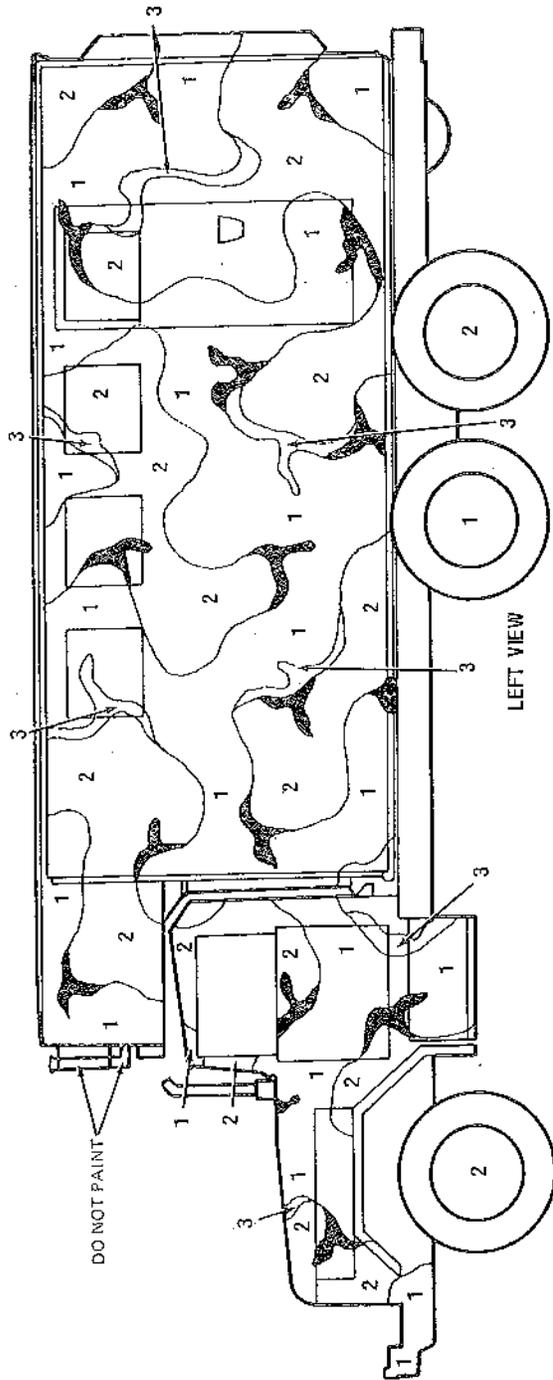
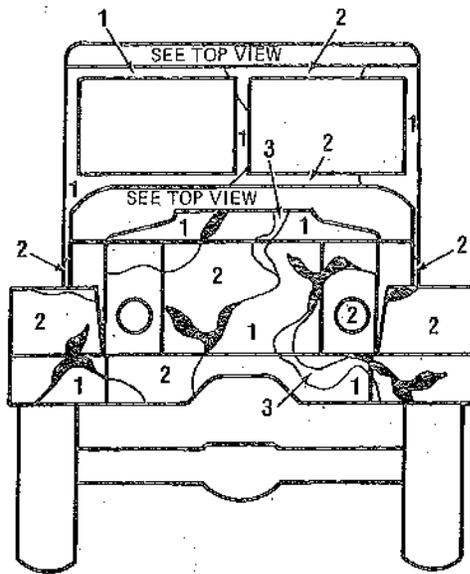
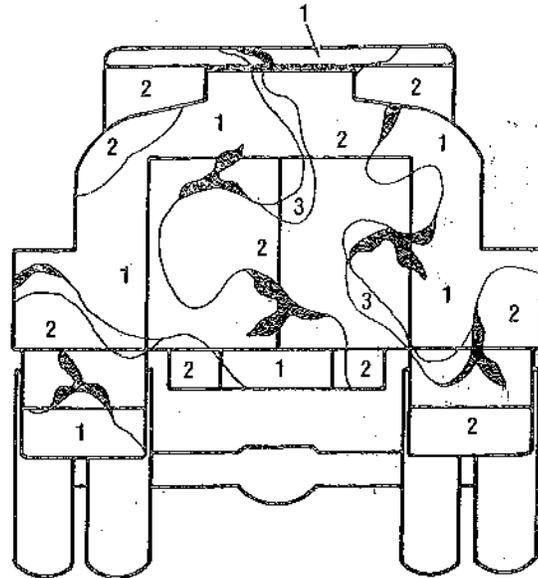


Figure 53. Truck, van: expandible, 2 1/2-ton, M29242. (2 of 2).

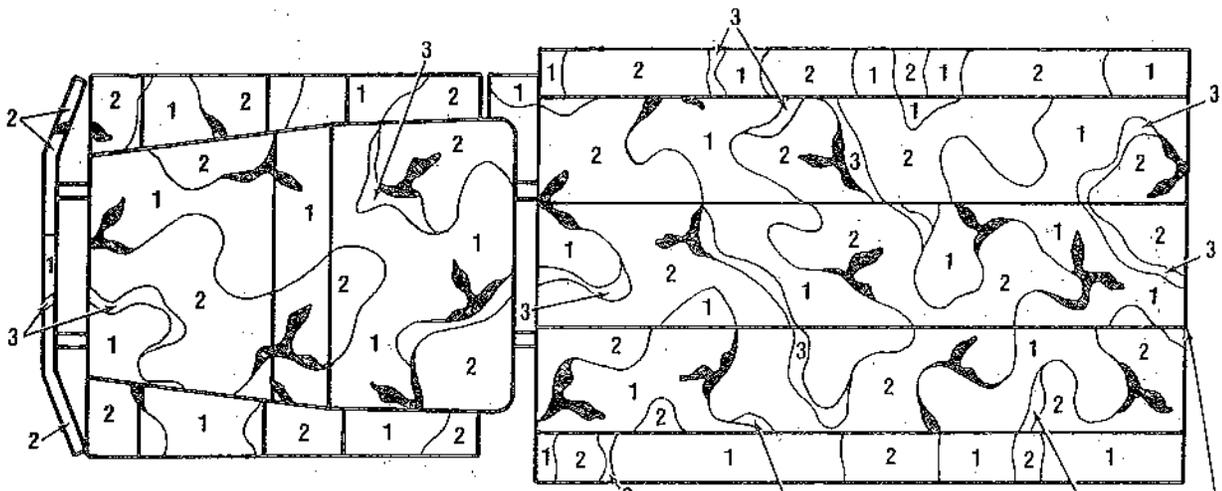
TA031678



FRONT VIEW

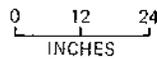


REAR VIEW



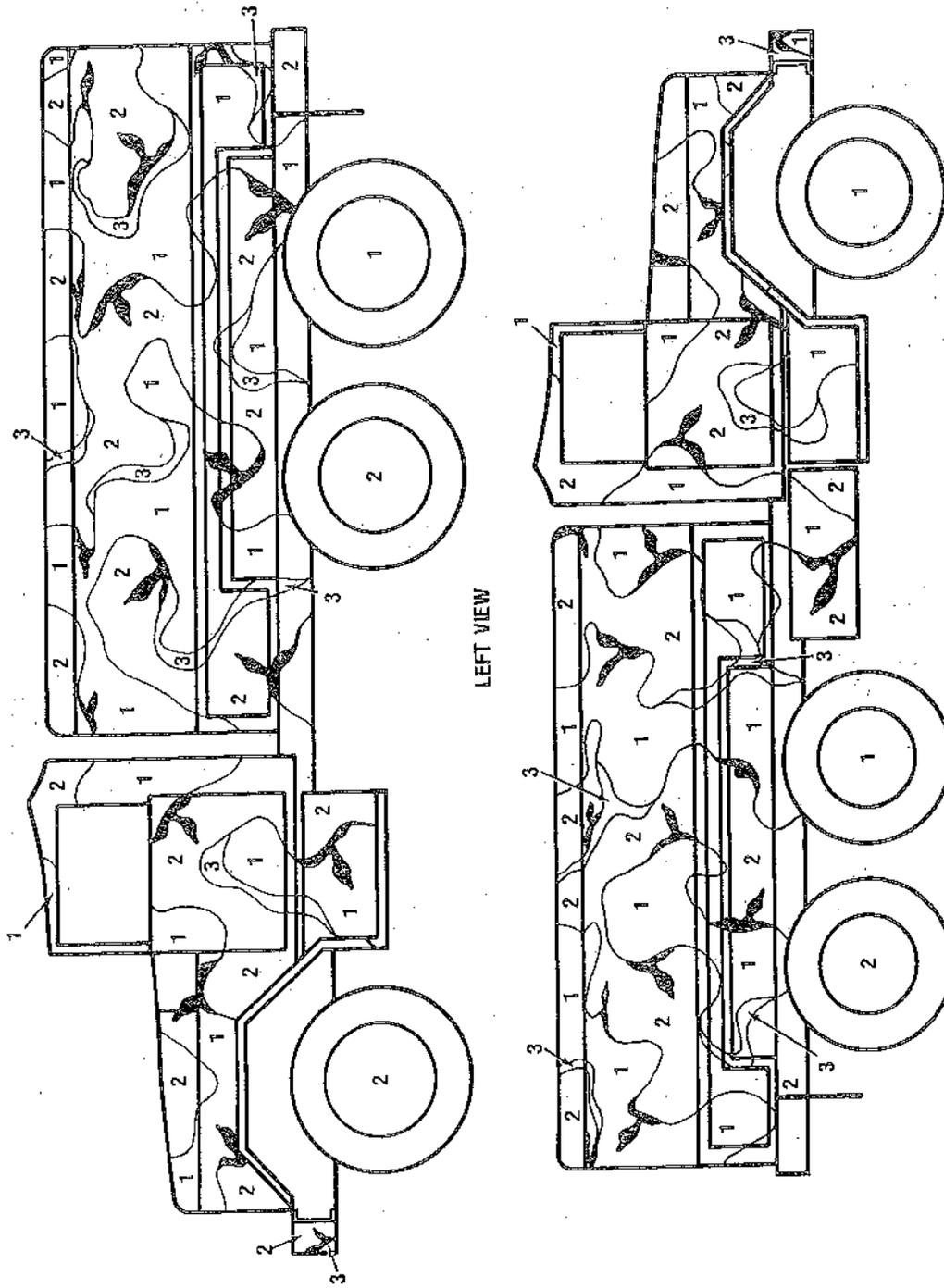
TOP VIEW

THIS BREAK WILL NOT APPEAR AS SHARP AS IS SHOWN HERE AS THE LINE REPRESENTS A CURVED SURFACE



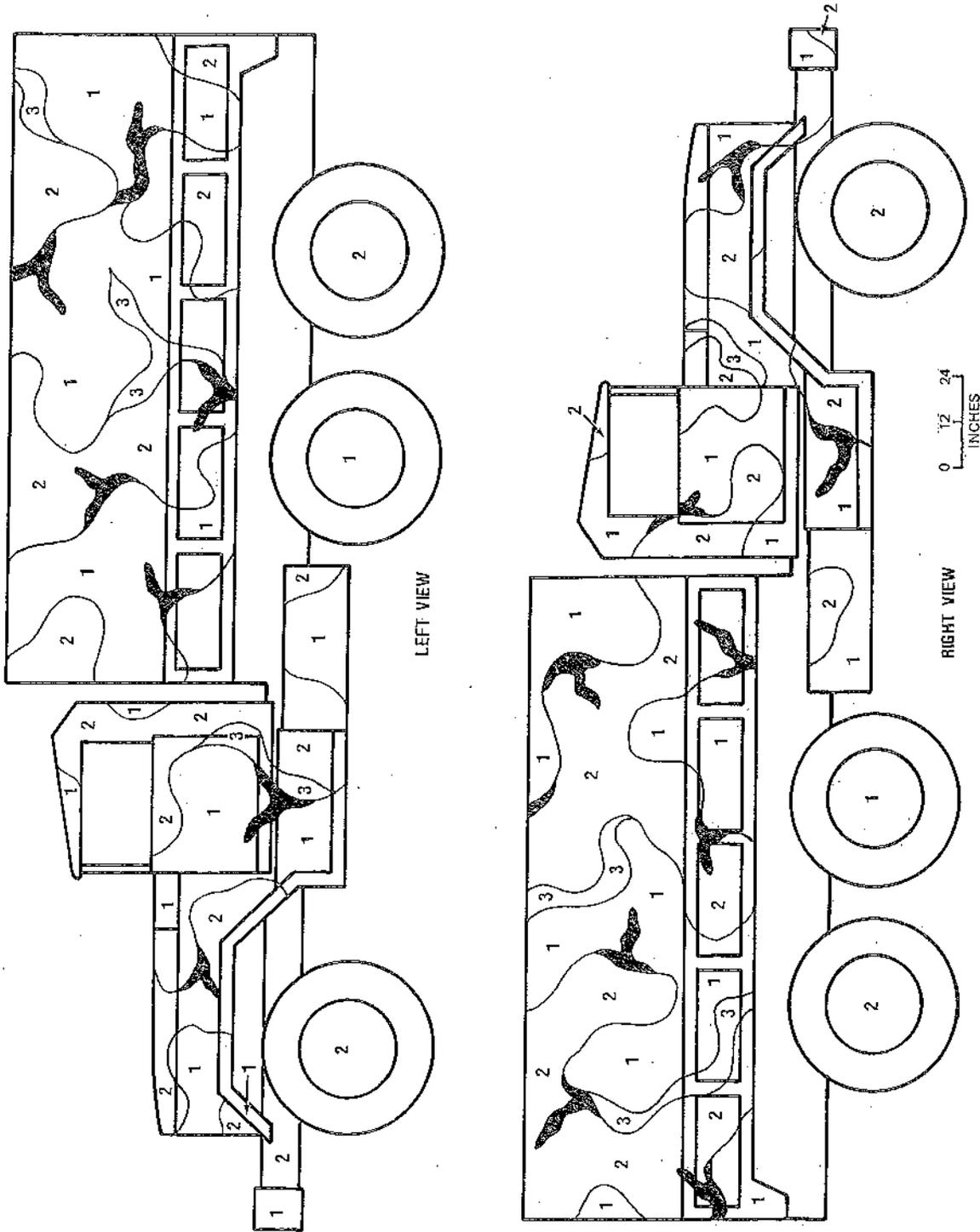
TA031692

Figure 54. Truck, tank: fuel servicing, 1200 gal. 2½-ton M49C. (1 of 2).



TA031693

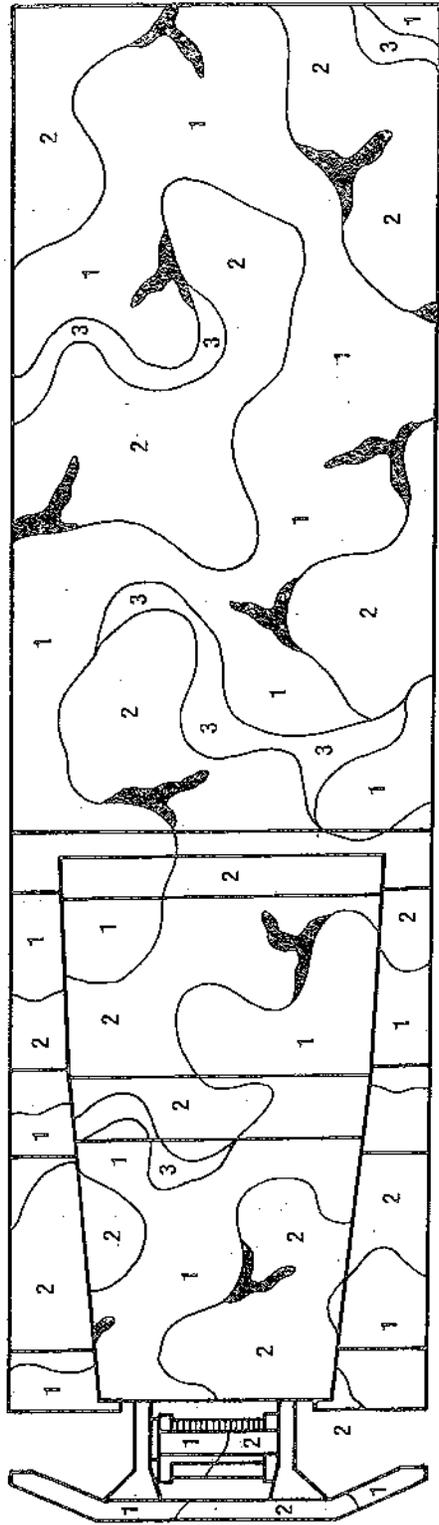
Figure 55. Truck, tank: fuel servicing, 1200 gal. 2½-ton M49C. (2 of 2)



TA031689

Figure 56. Truck, cargo: 5-ton, M54. (1 of 3).

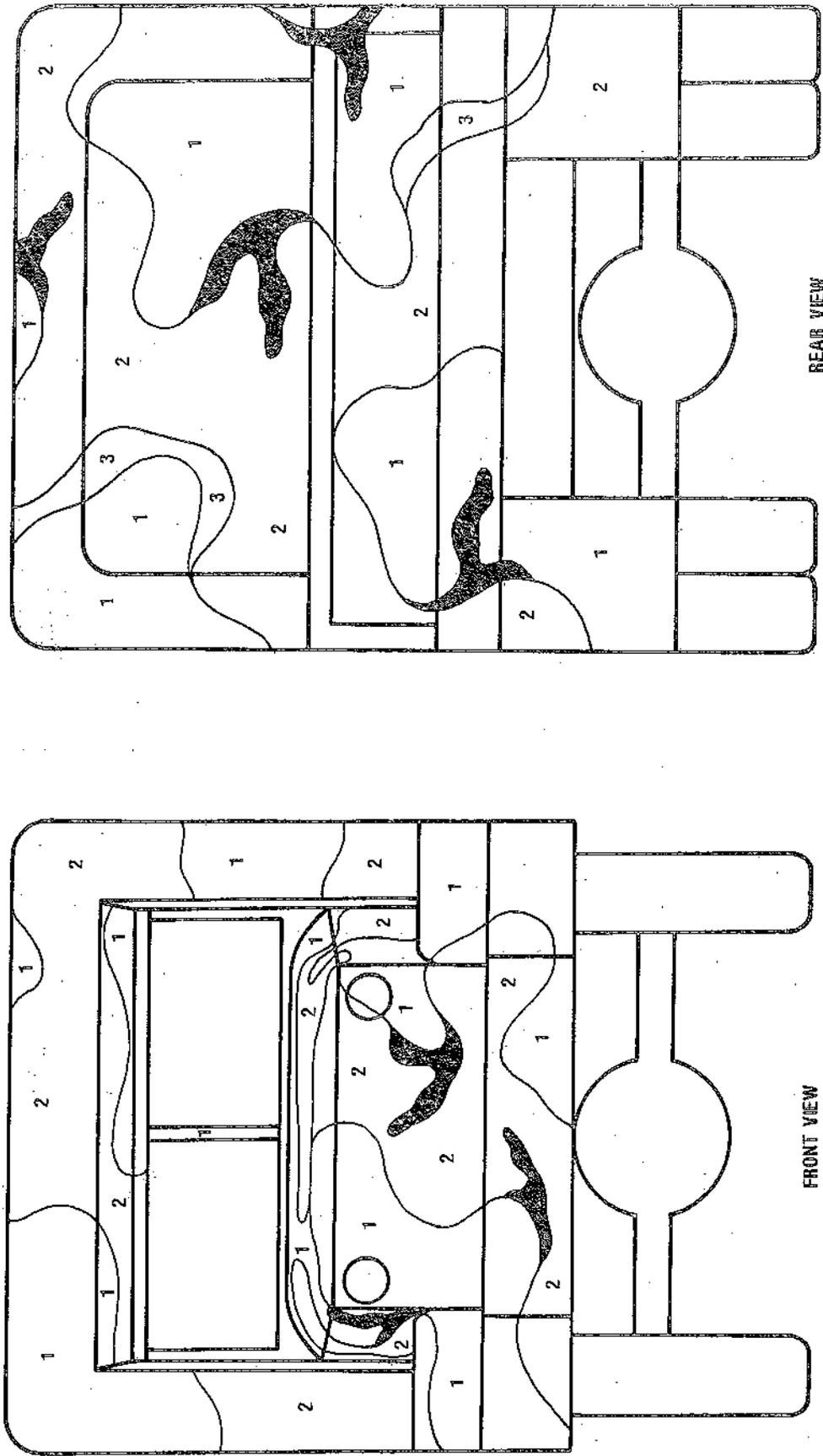
TOP VIEW



0 12 24  
INCHES

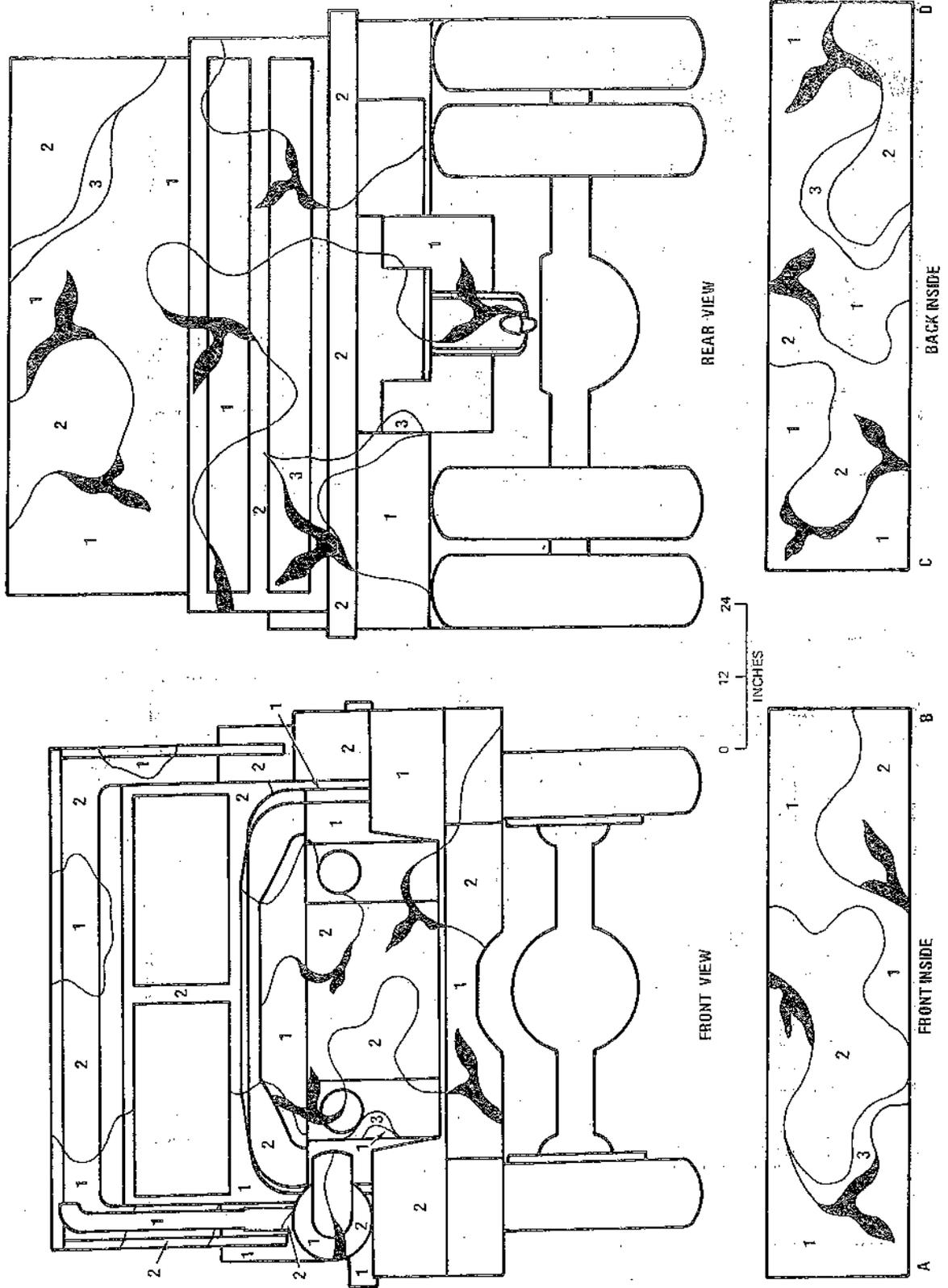
TA031690

Figure 57. Truck, cargo: 5-ton, M54. (2 of 3).



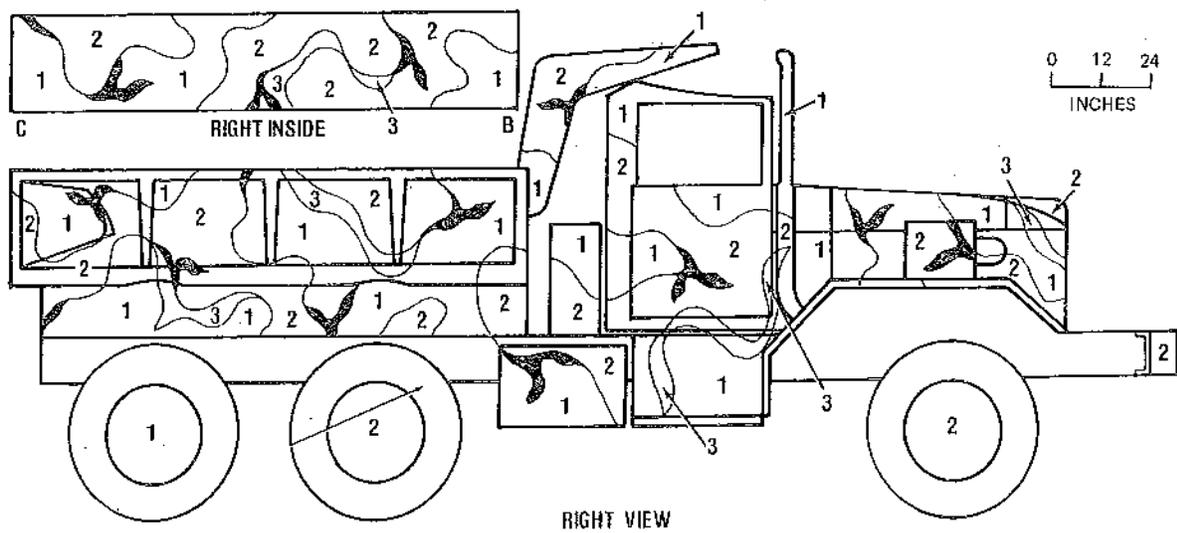
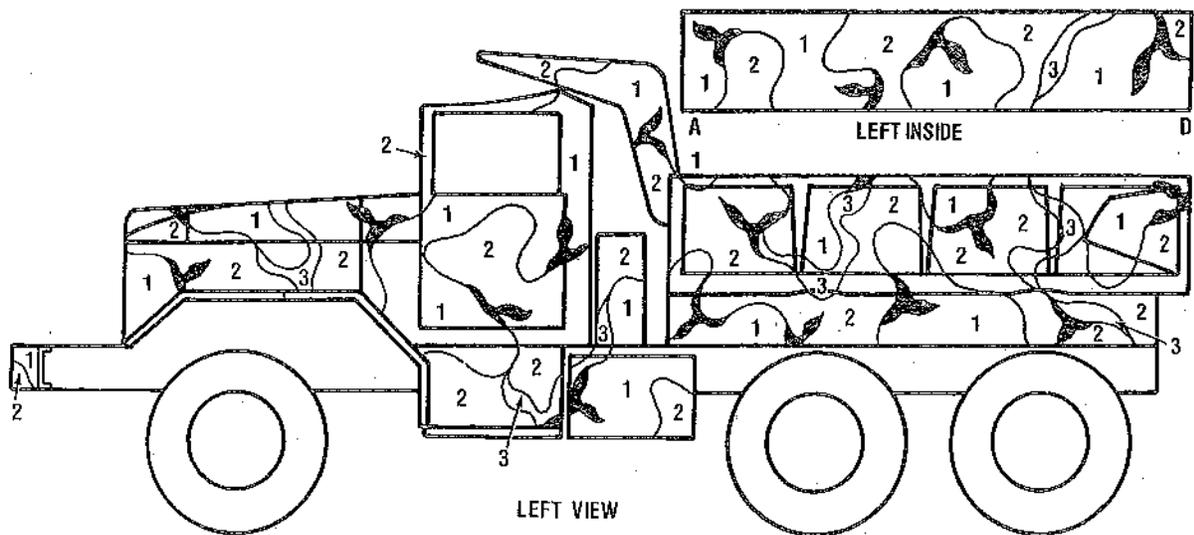
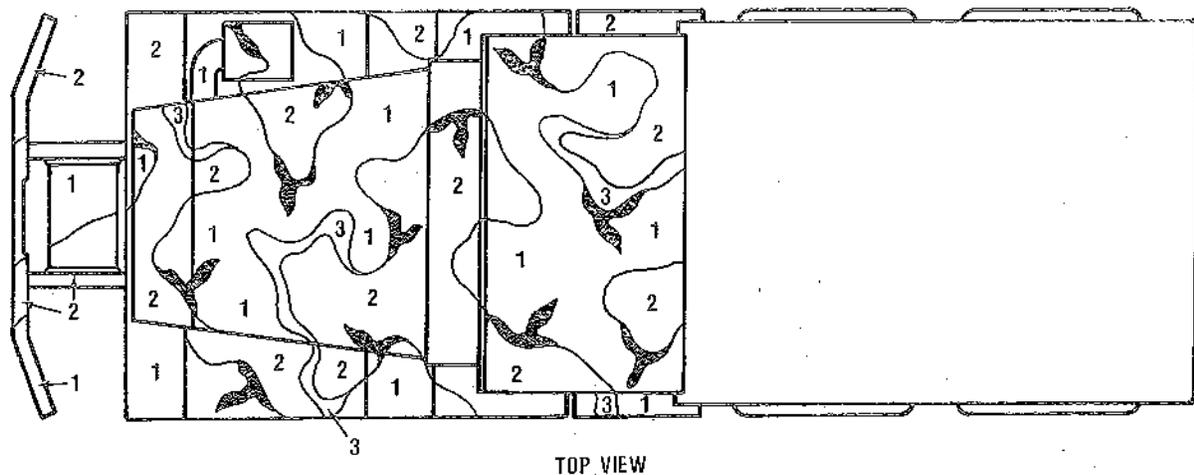
TA031691

Figure 58. Truck, cargo, M54. (3 of 3).



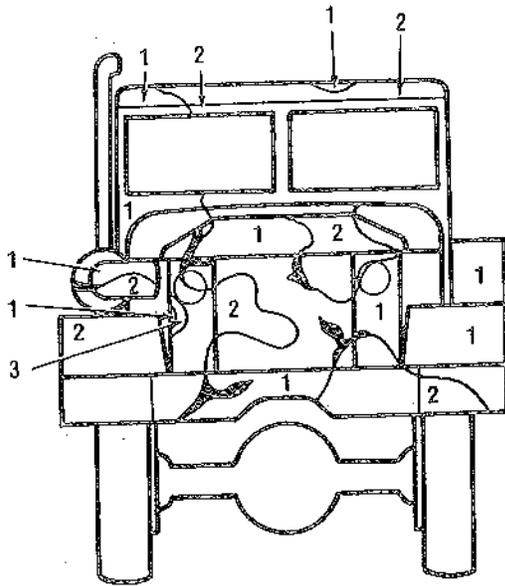
TA031656

Figure 59. Truck, dump, 5-ton, M51. (1 of 2)

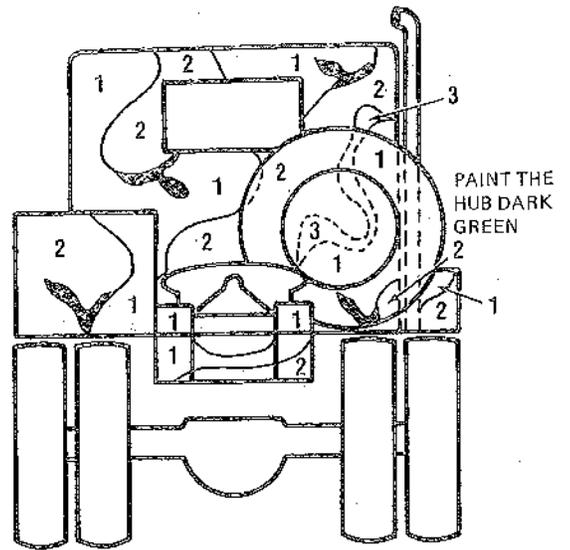


TA031657

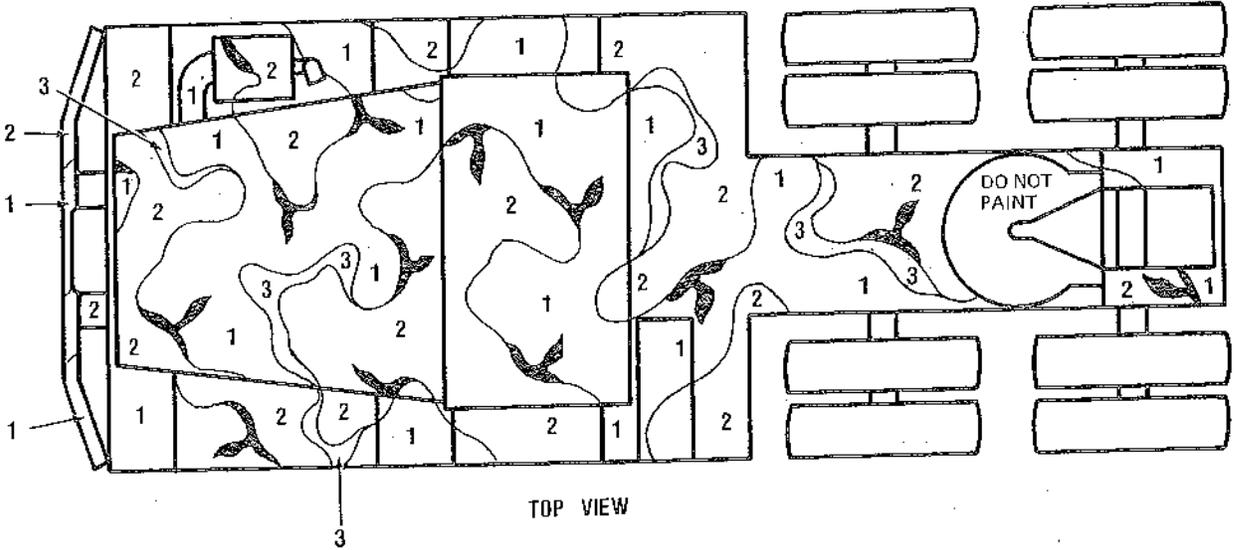
Figure 60. Truck, dump: 5-ton, M51. (2 of 2).



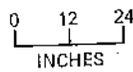
FRONT VIEW



REAR VIEW



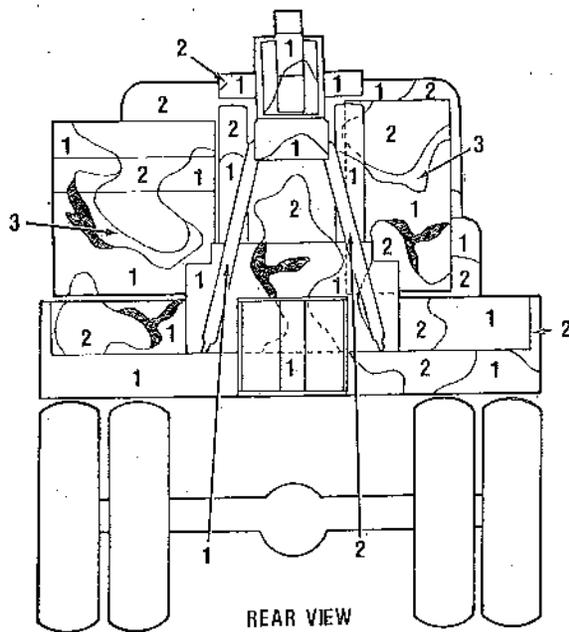
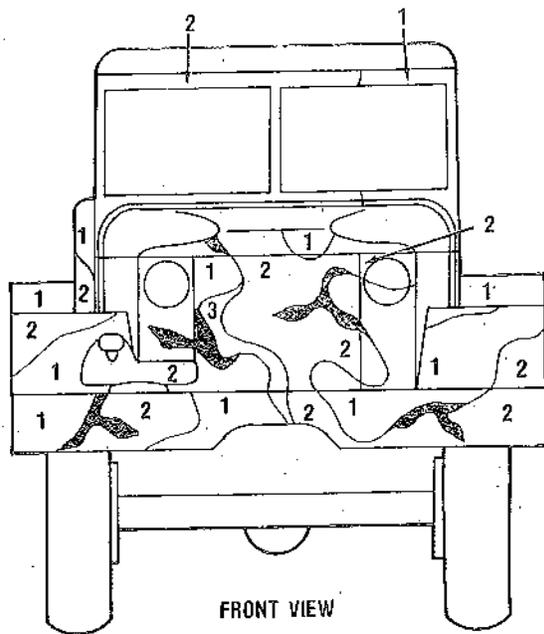
TOP VIEW



TA031771

Figure 61. Truck, tractor: 10-ton M123E2. Truck, tractor: 5-ton, M52A2 (1 of 2).

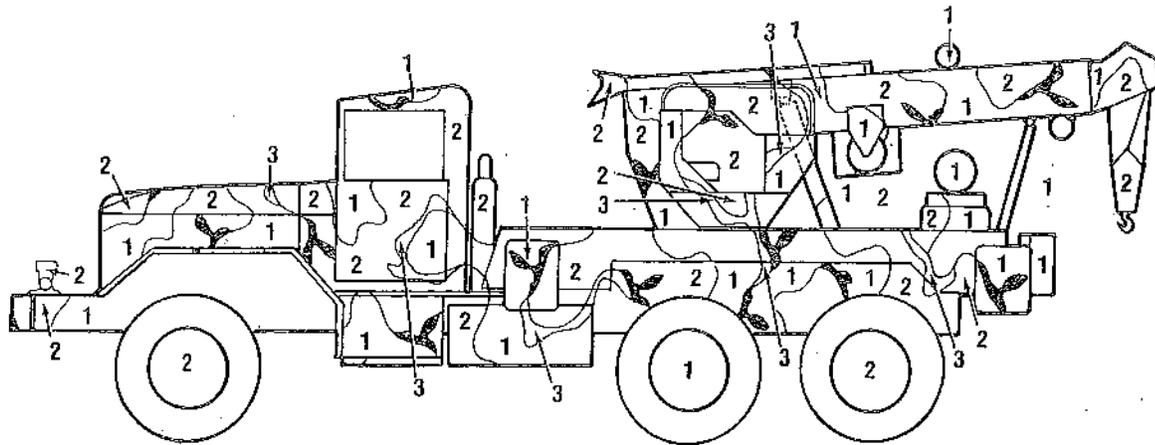




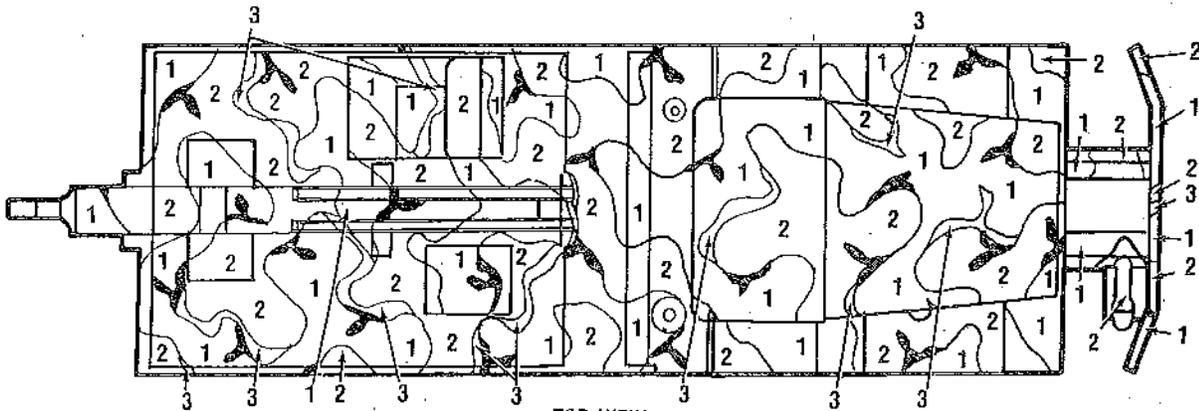
0 12 24 36 48  
INCHES

TA031650

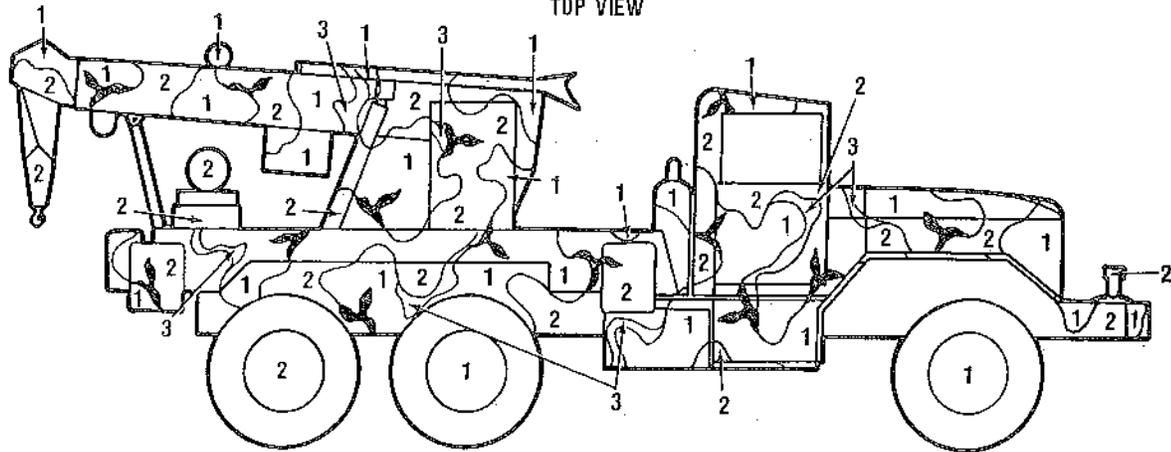
Figure 63. Truck, wrecker, medium; 5-ton, M543. (1 of 2)



LEFT VIEW



TOP VIEW



RIGHT VIEW

0 12 24 36 48  
INCHES

TA031651

Figure 64. Truck, wrecker, medium: 5-ton, M549. (2 of 2)

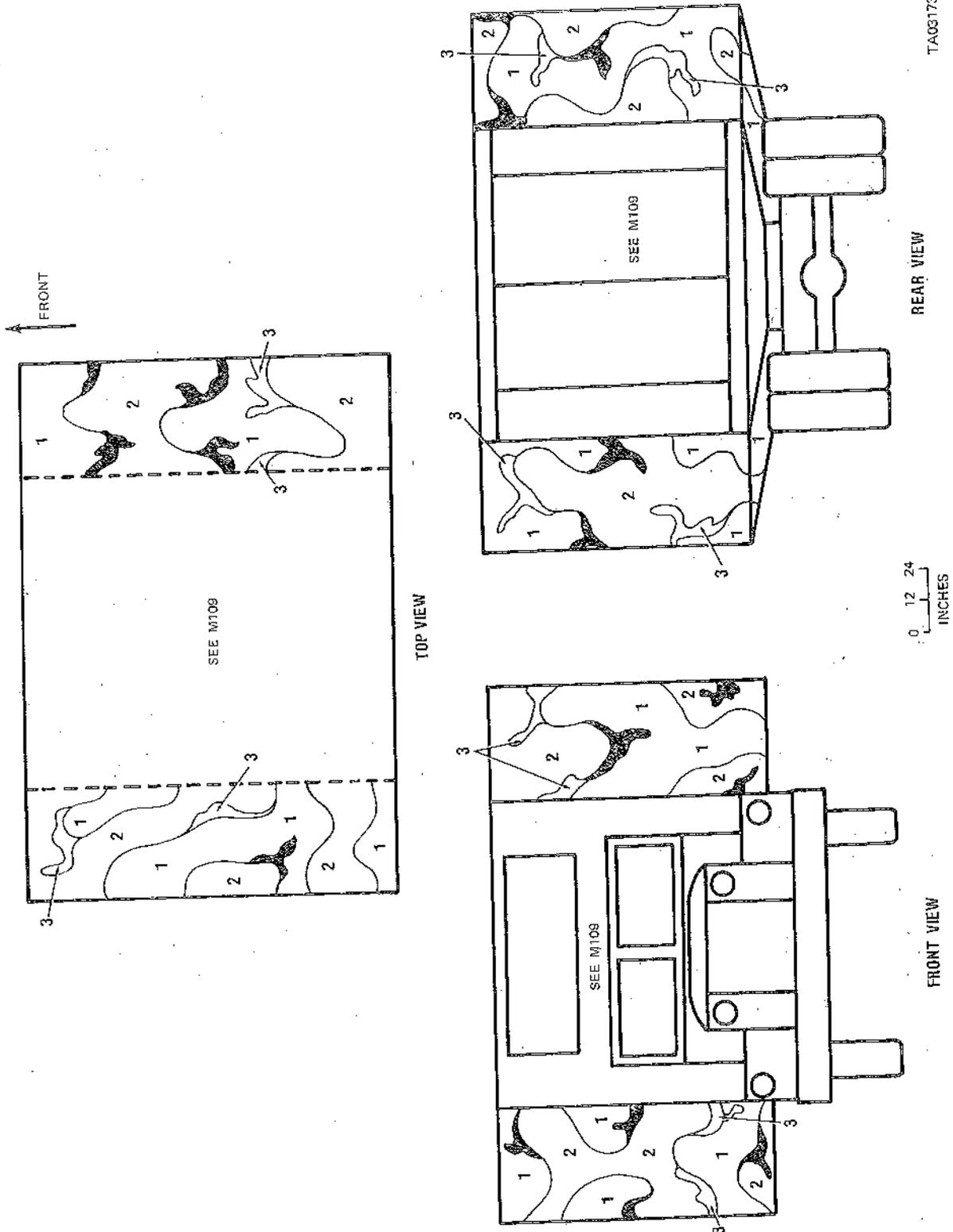
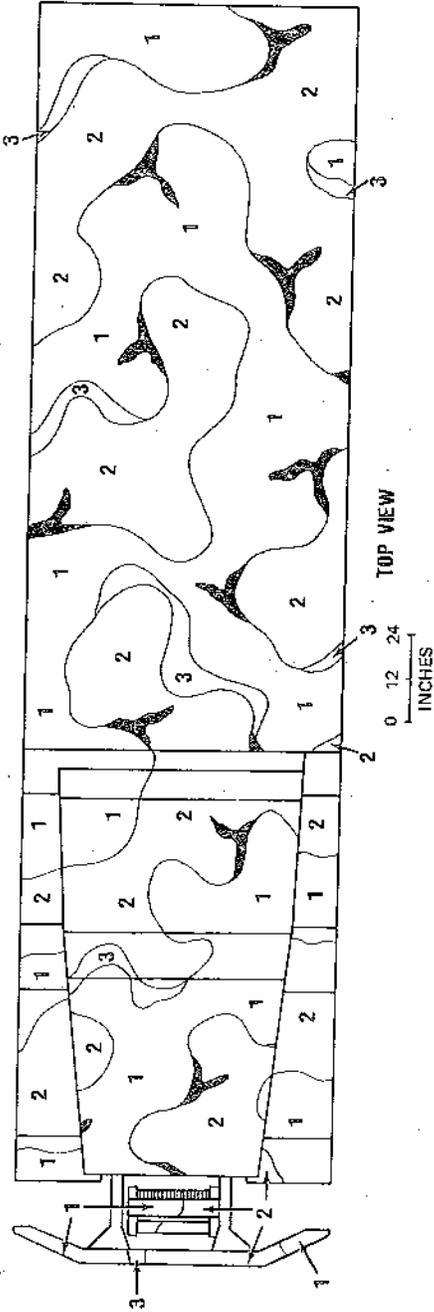
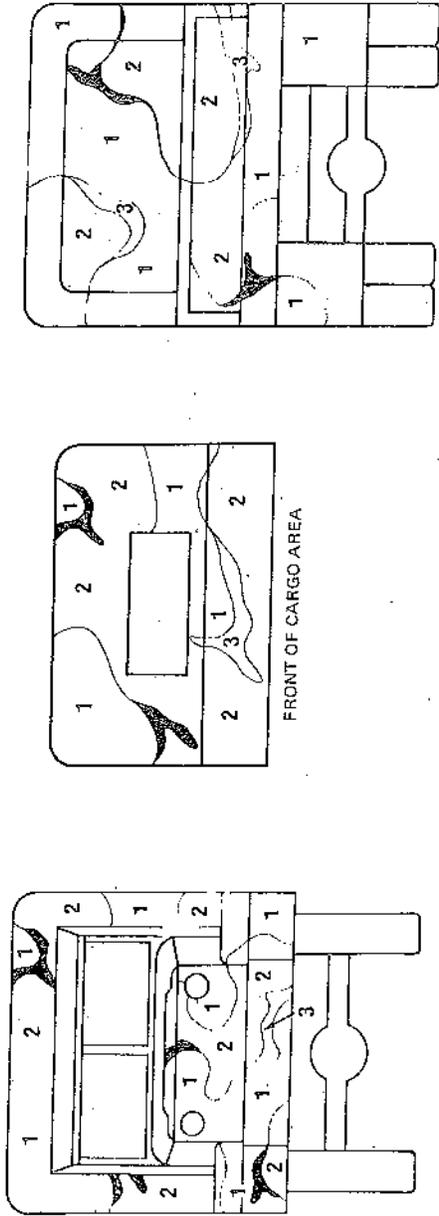
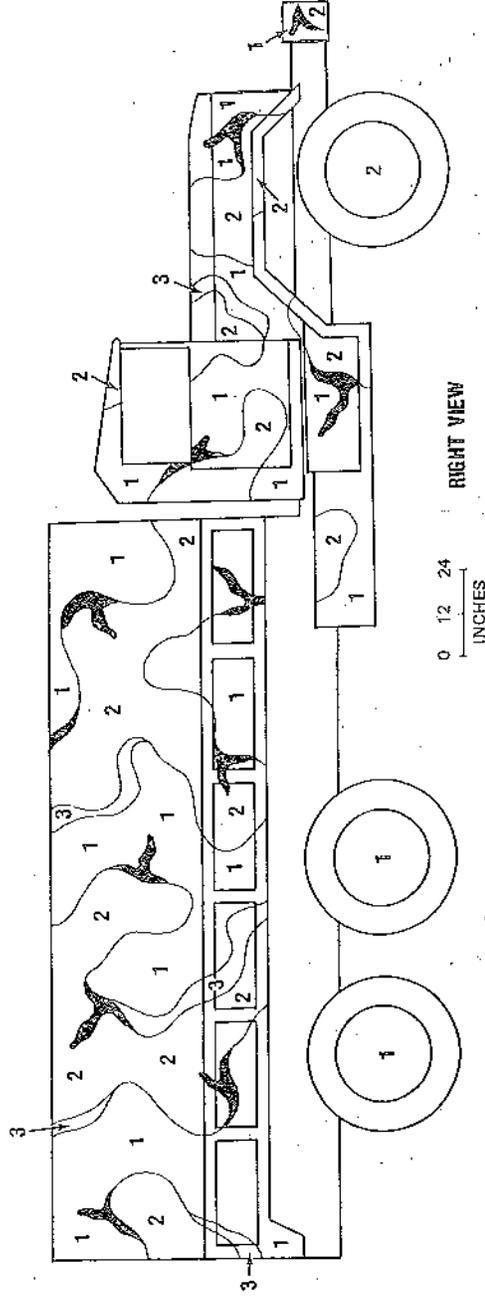
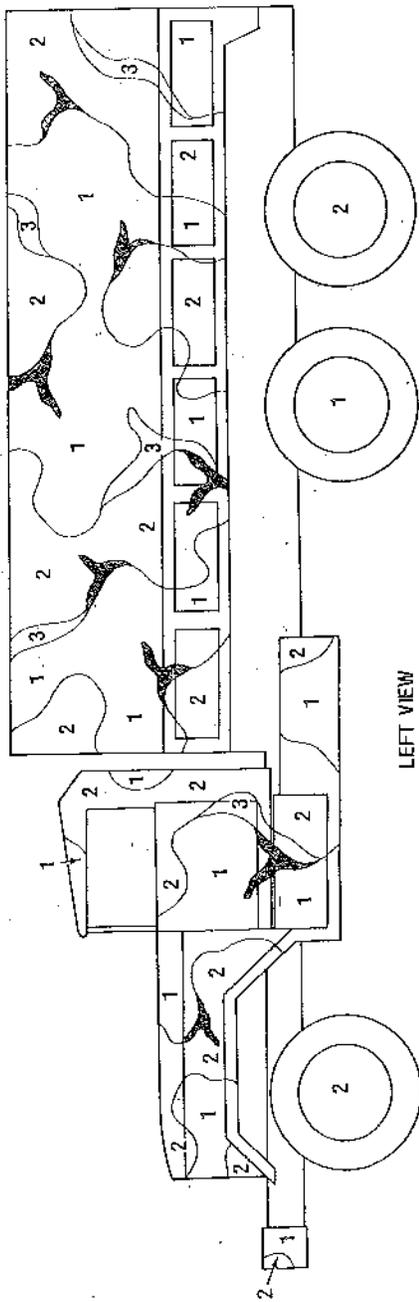


Figure 65. Truck, van, expandible: 5-ton, M291.



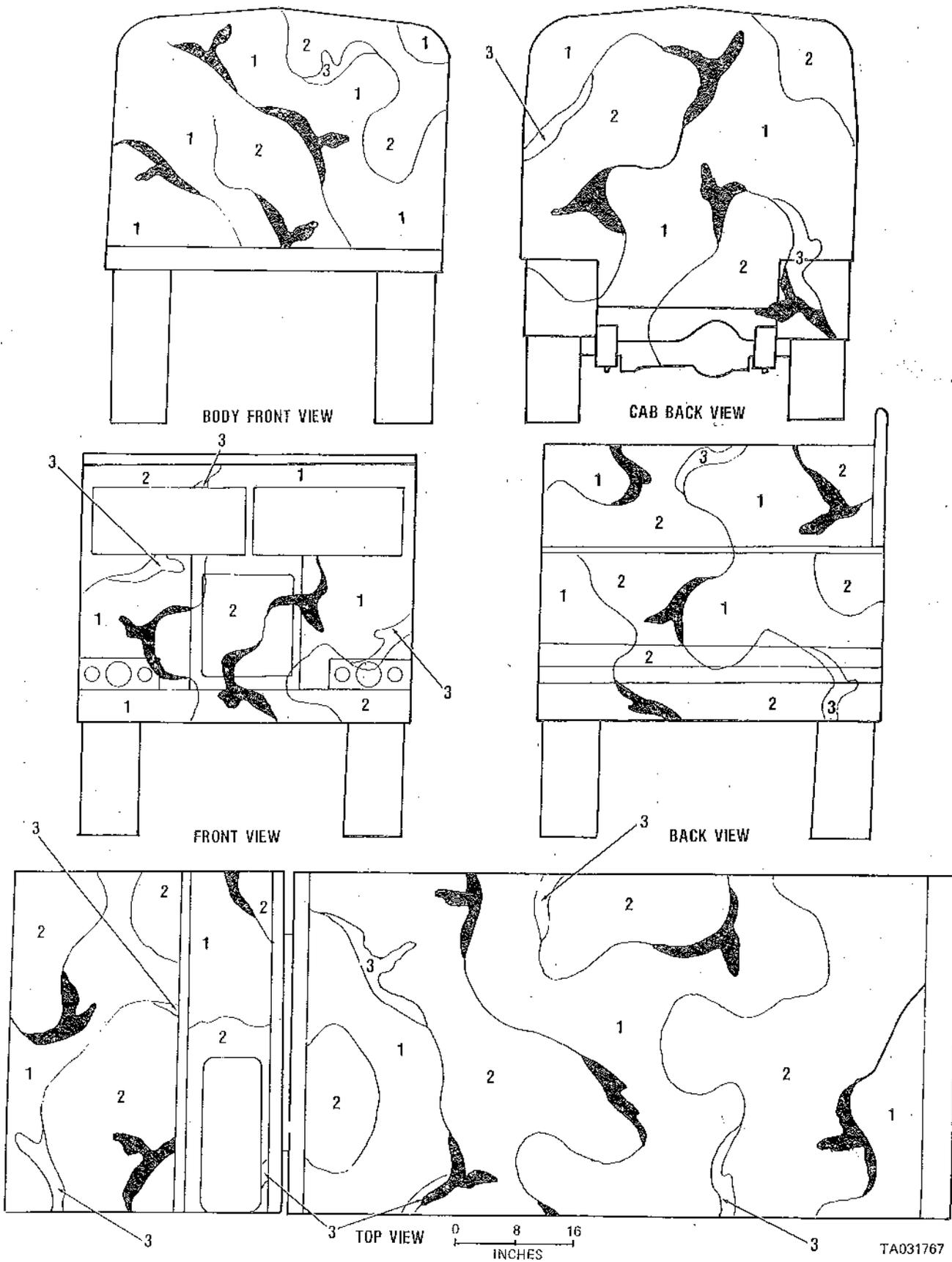
TA031675

Figure 66. Truck, cargo: 5-ton, M55. (1 of 2)



TA031676

Figure 67. Truck, cargo: 5-ton, M55. (2 of 2)



TA031767

Figure 68. Truck, cargo: 5-ton, M656. (1 of 2)

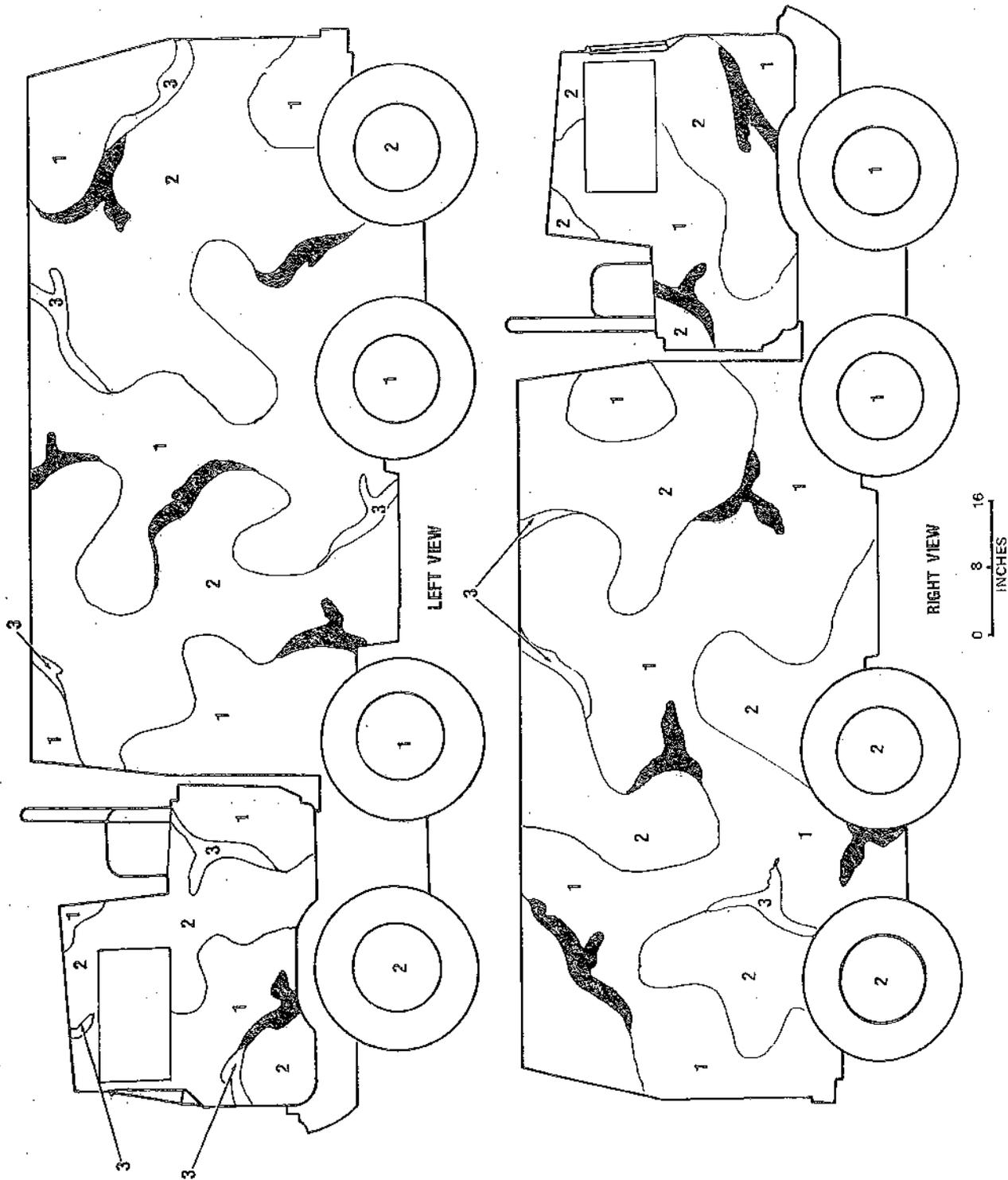
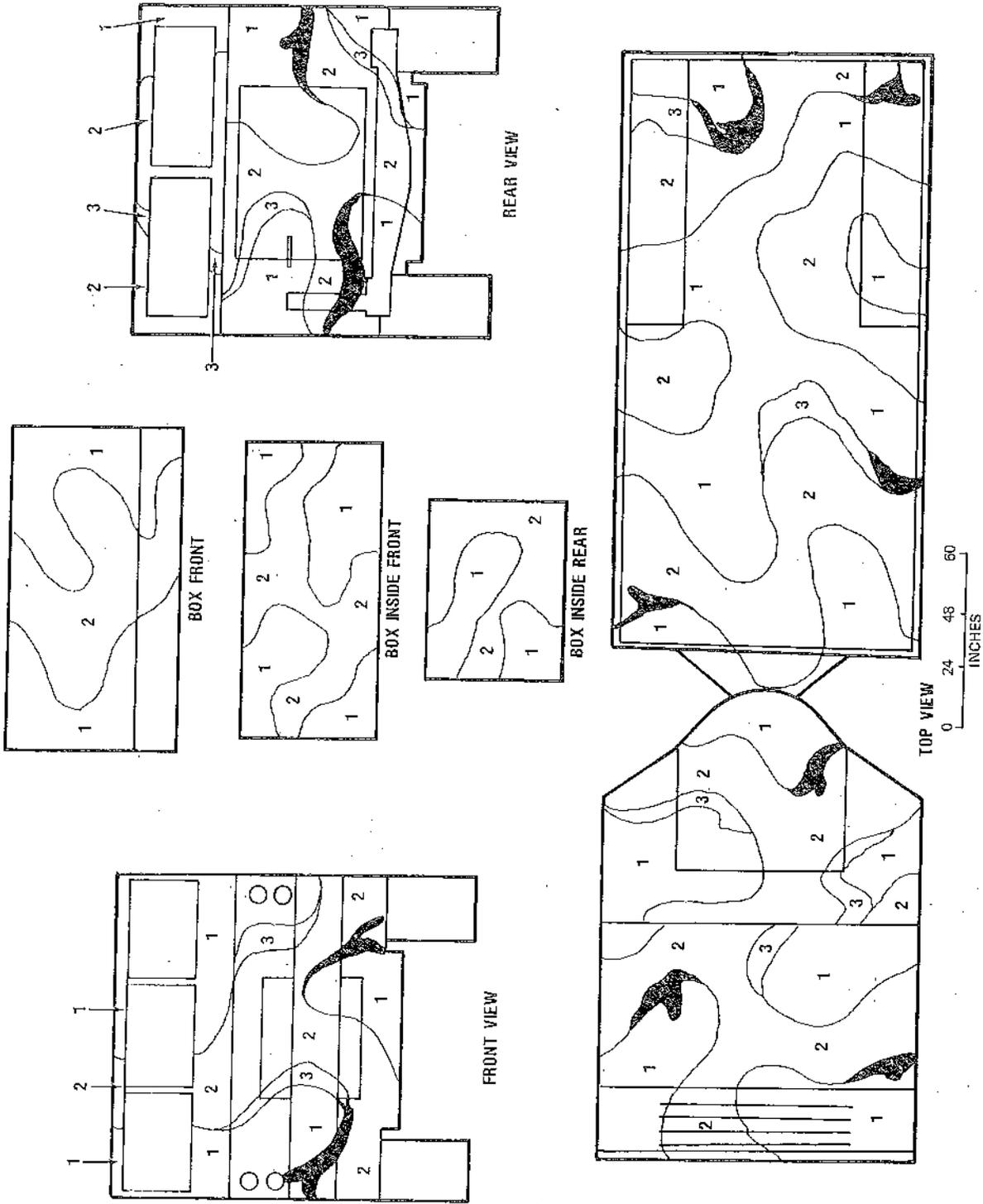
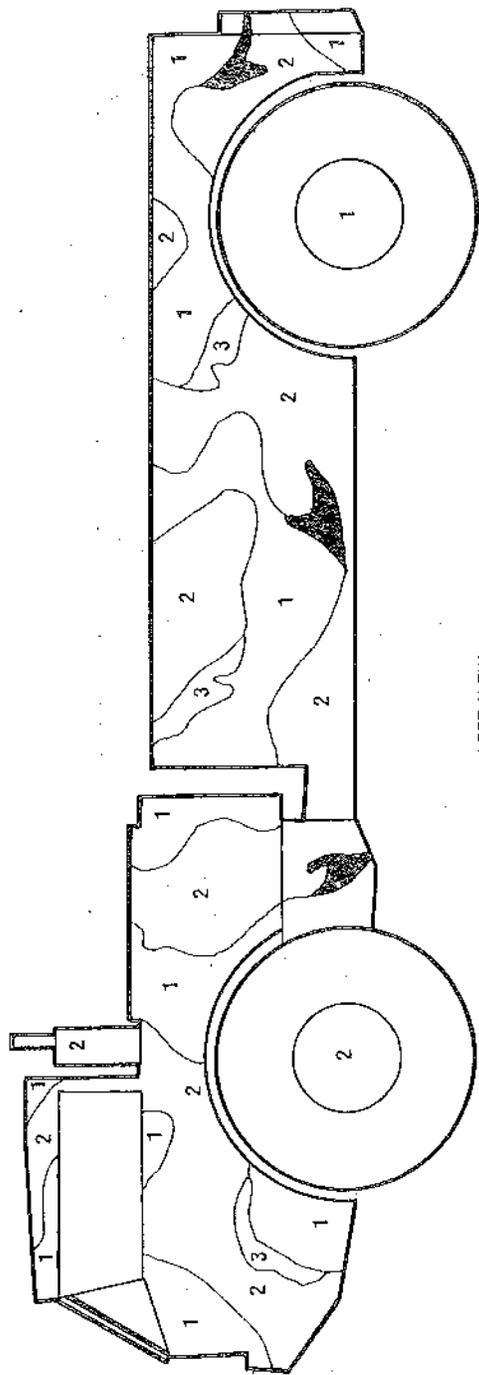


Figure 69. Truck, cargo: 5-ton, M656. (2 of 2)

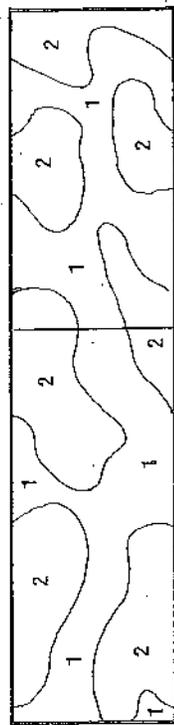


TA031636

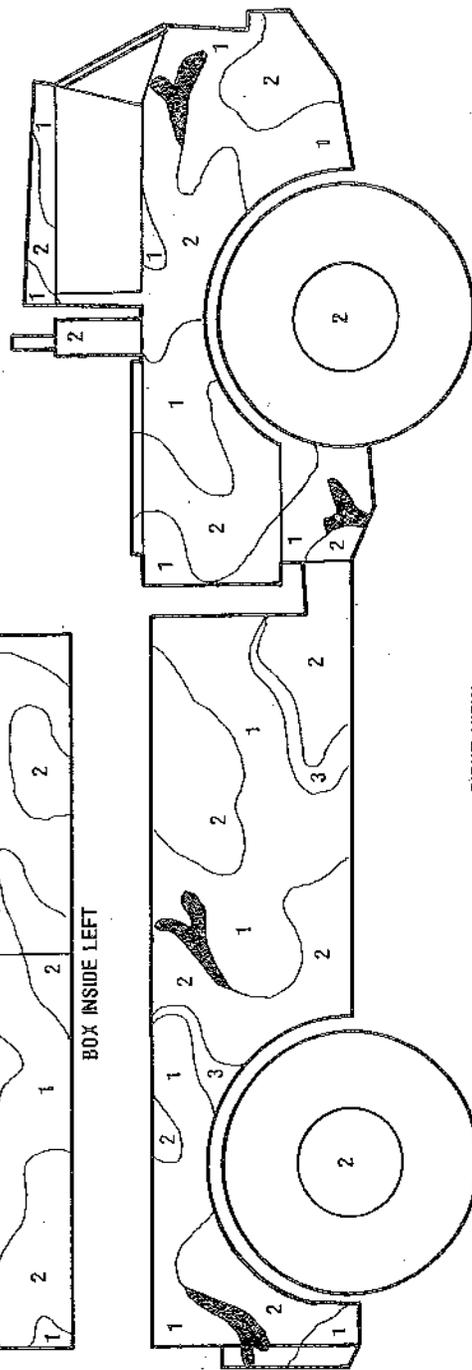
Figure 70. Truck, cargo: 8-ton, M520. (1 of 2)



LEFT VIEW



BOX INSIDE LEFT



RIGHT VIEW

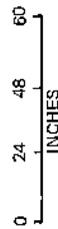
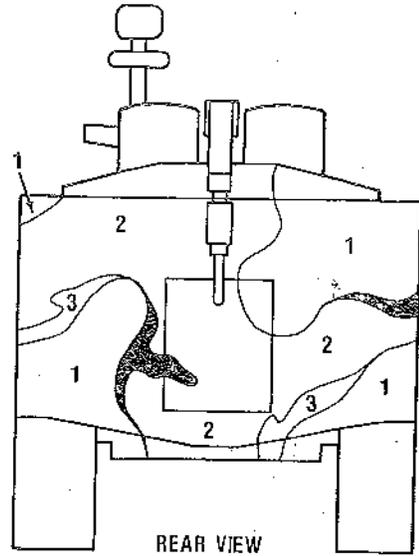
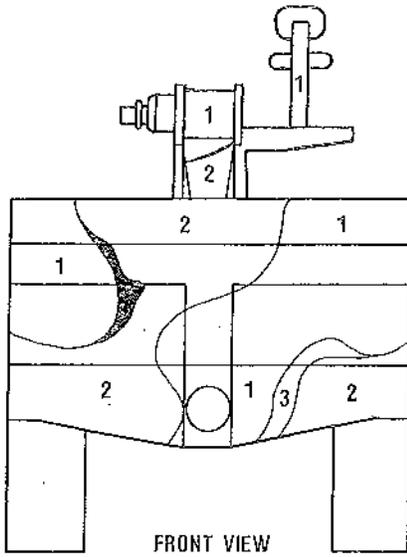
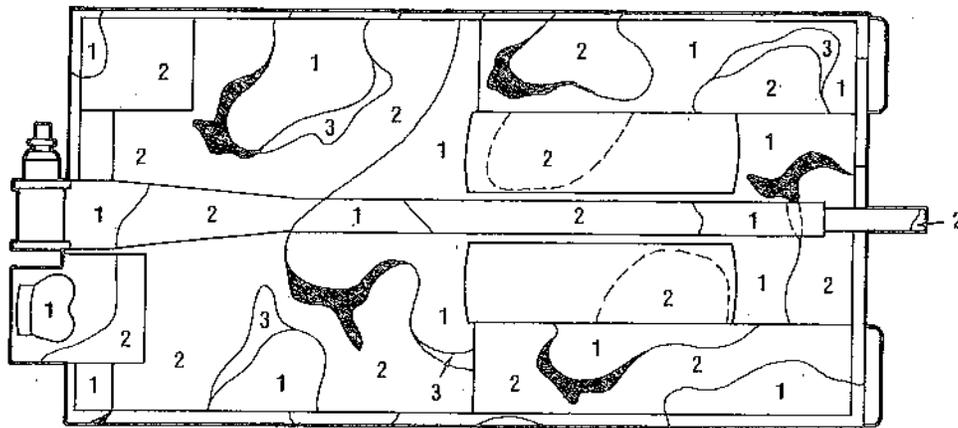
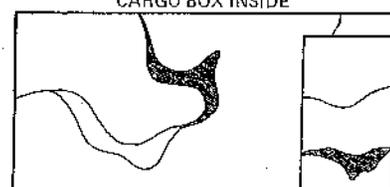
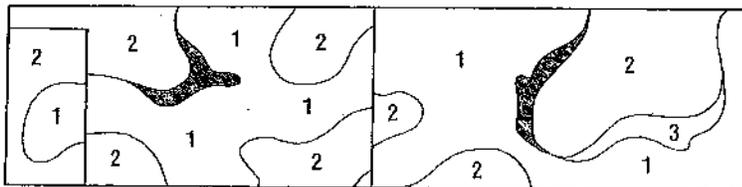
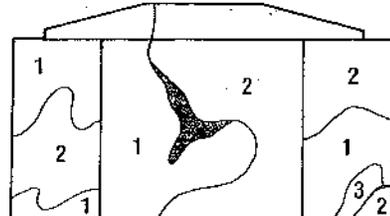
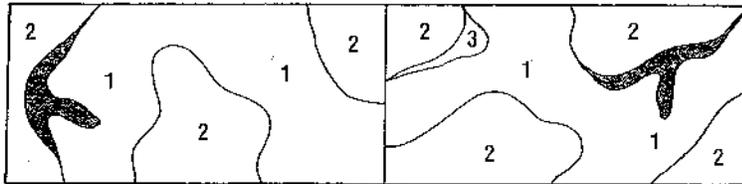


Figure 71. Truck, cargo: 8-ton, M520. (2 of 2)



CARGO BOX INSIDE



0 12 24  
INCHES

TA031694

Figure 72. Truck, wrecker: 10-ton, M553. (1 of 2)

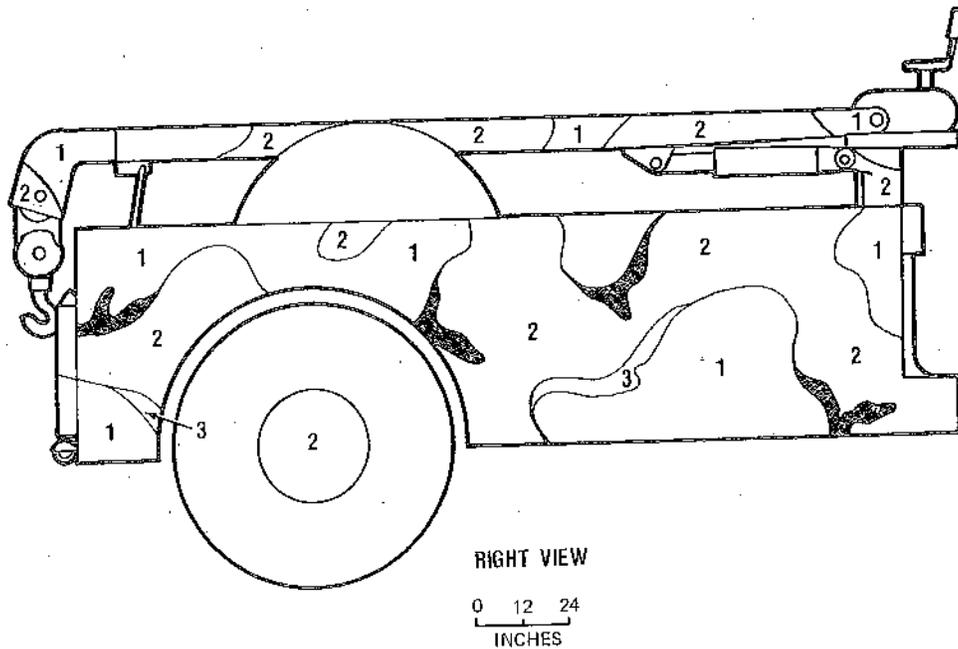
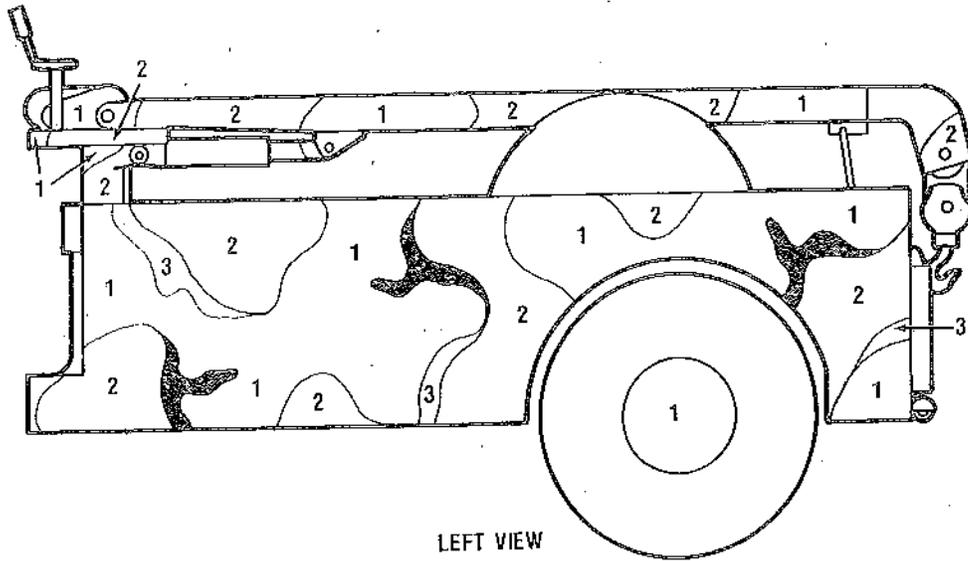
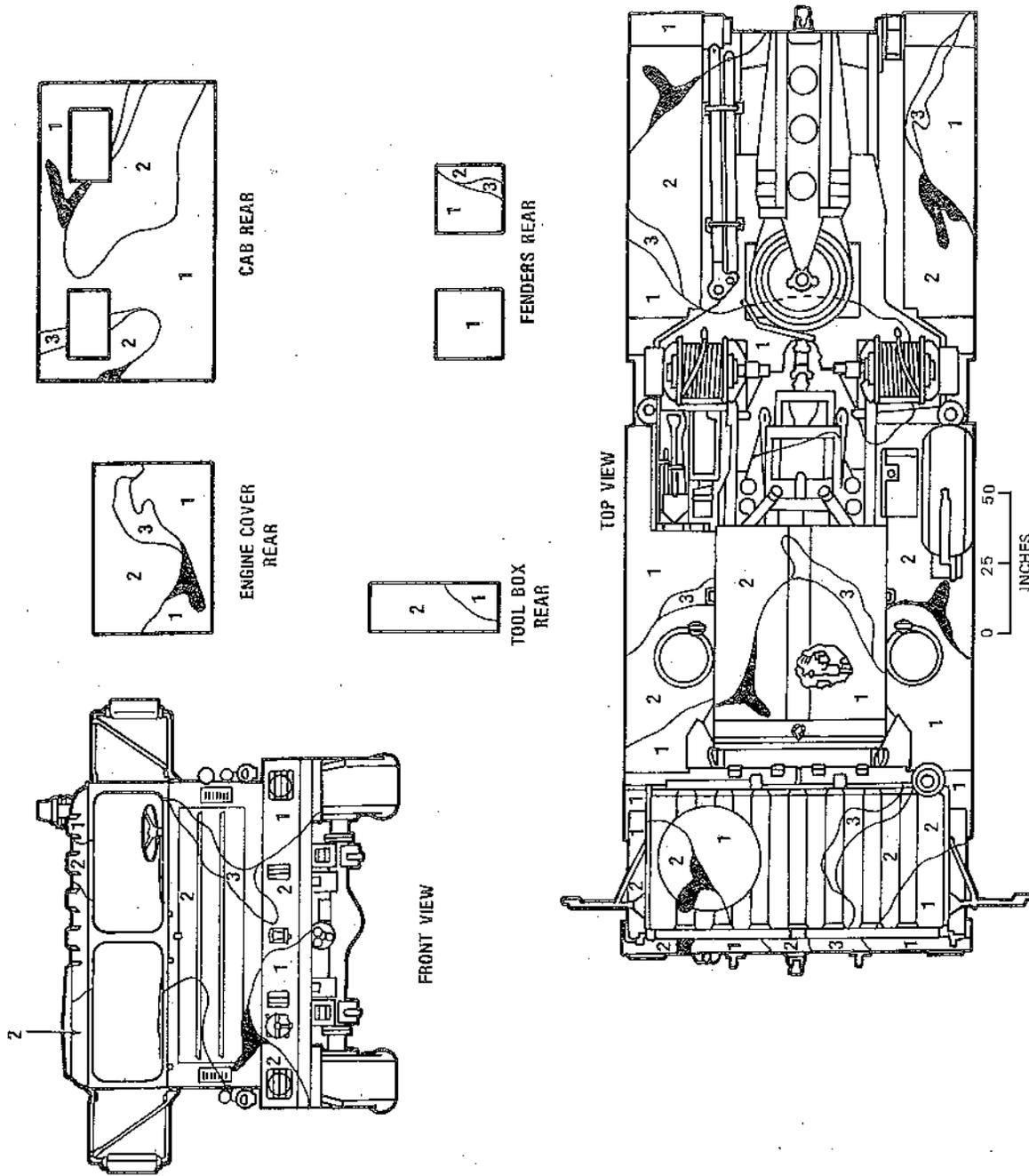
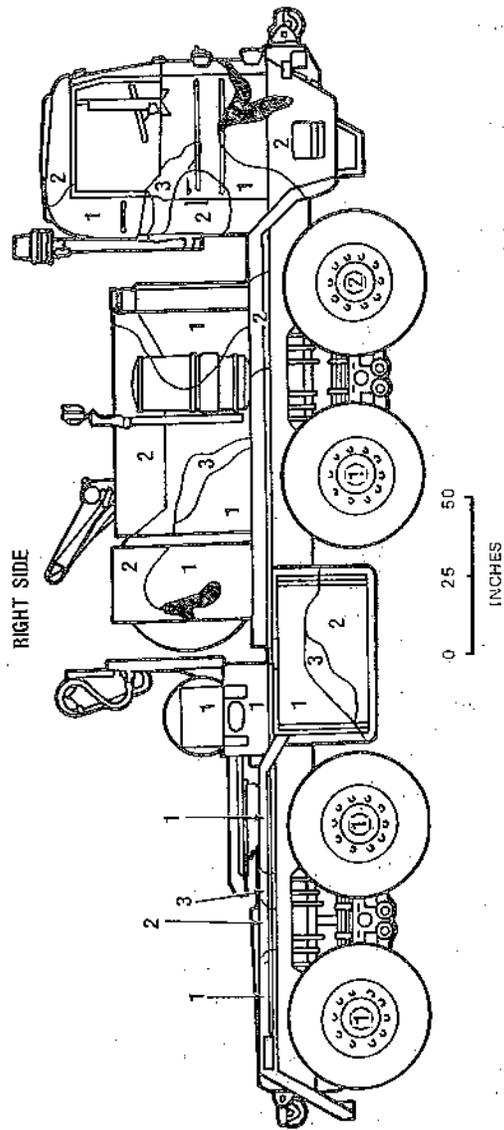
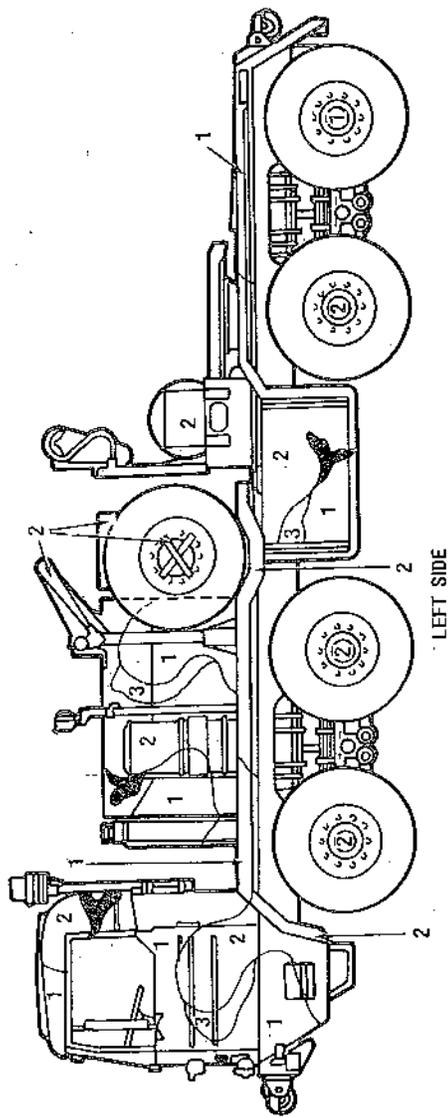


Figure 73. Truck, wrecker: 10-ton, M553. (2 of 2)



TA031712

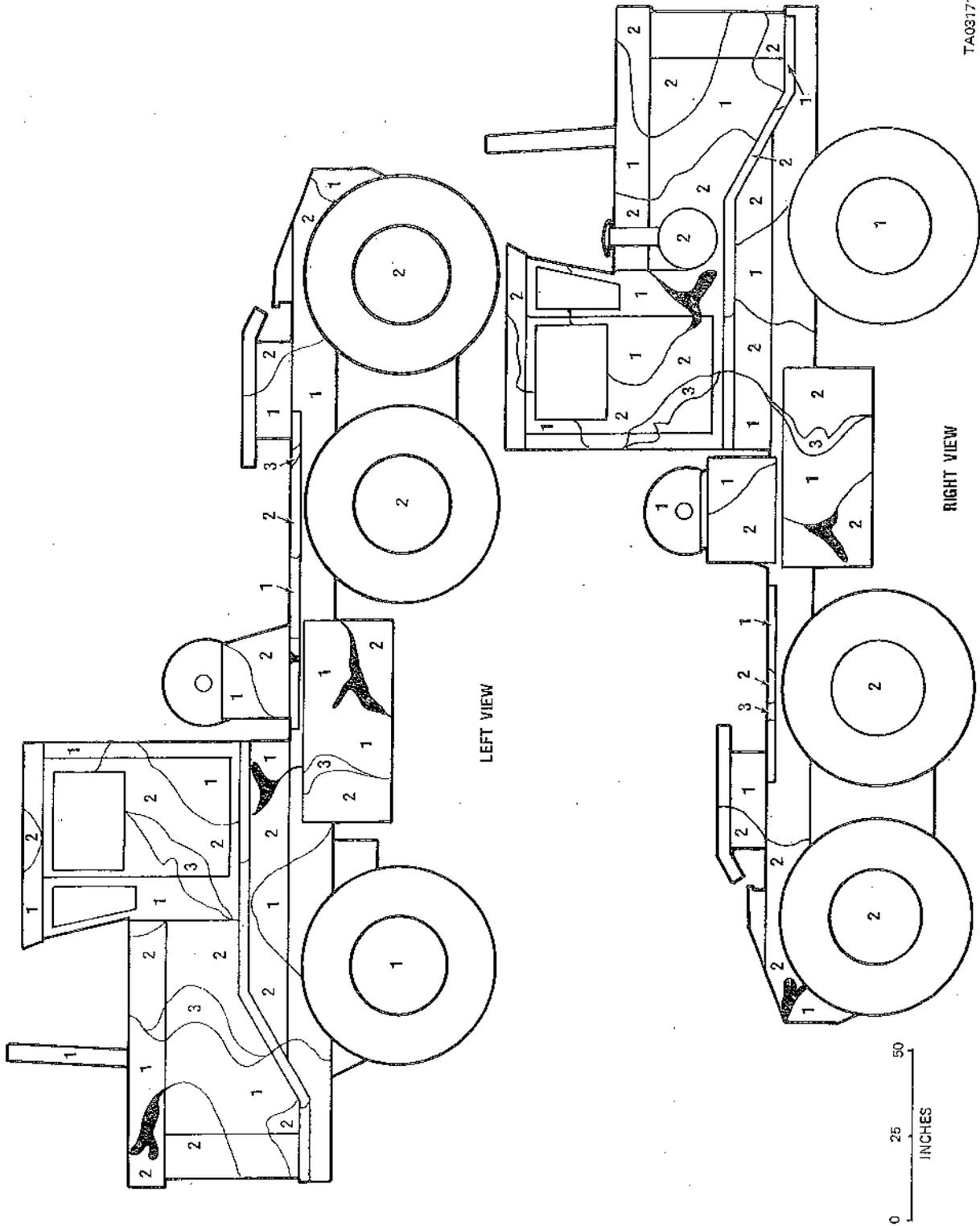
Figure 74. Truck, tractor: 22½-ton, M746. (1 of 2)



0 25 50  
INCHES

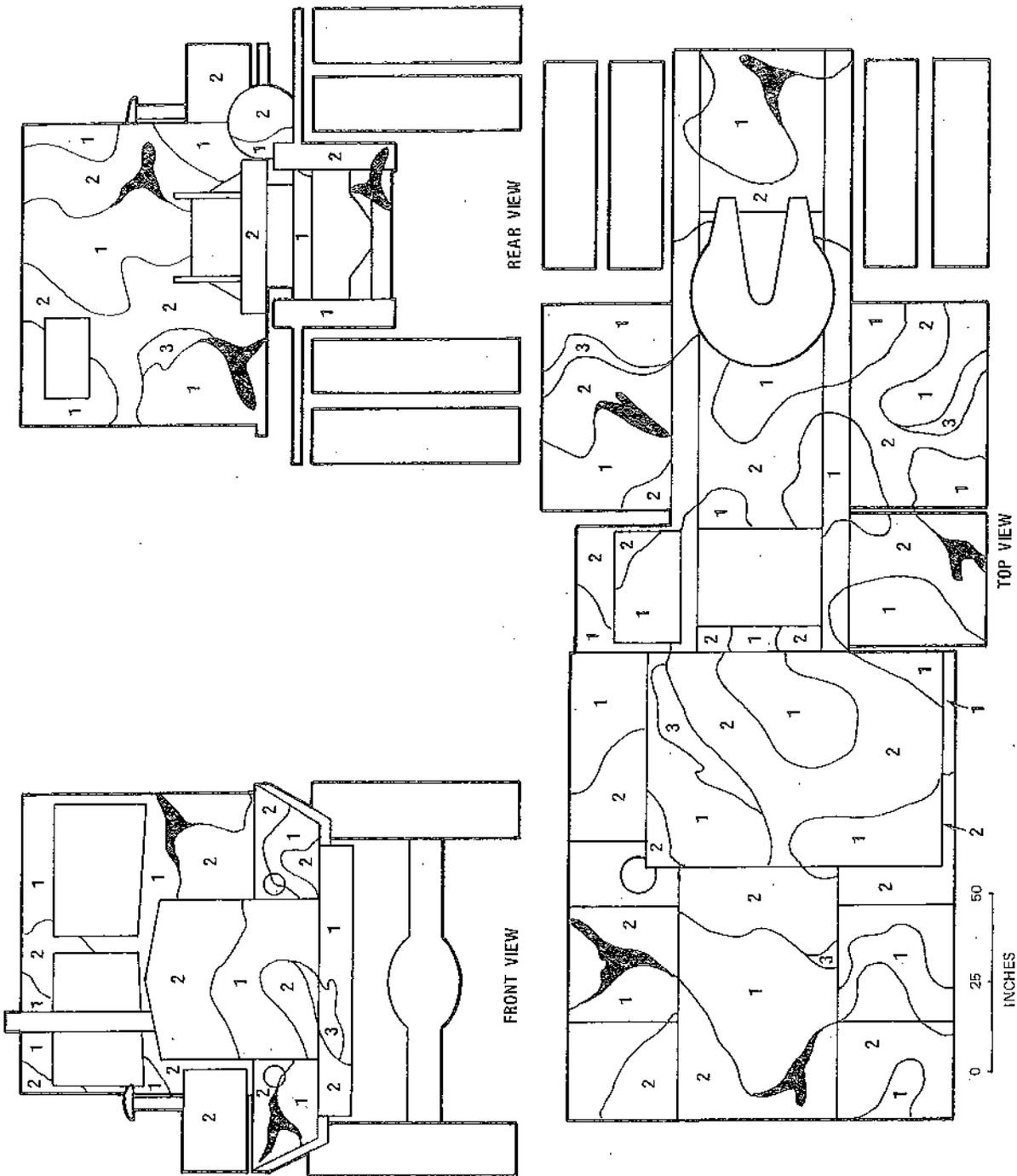
TA031713

Figure 75. Truck tractor: 22½-ton, M746. (2 of 2)



TA031716

Figure 76. Truck, tractor: 25-ton, XM523E2. (1 of 2)



TA031717

Figure 77. Tractor, tractor: 25-ton, XM523E2. (2 of 2)

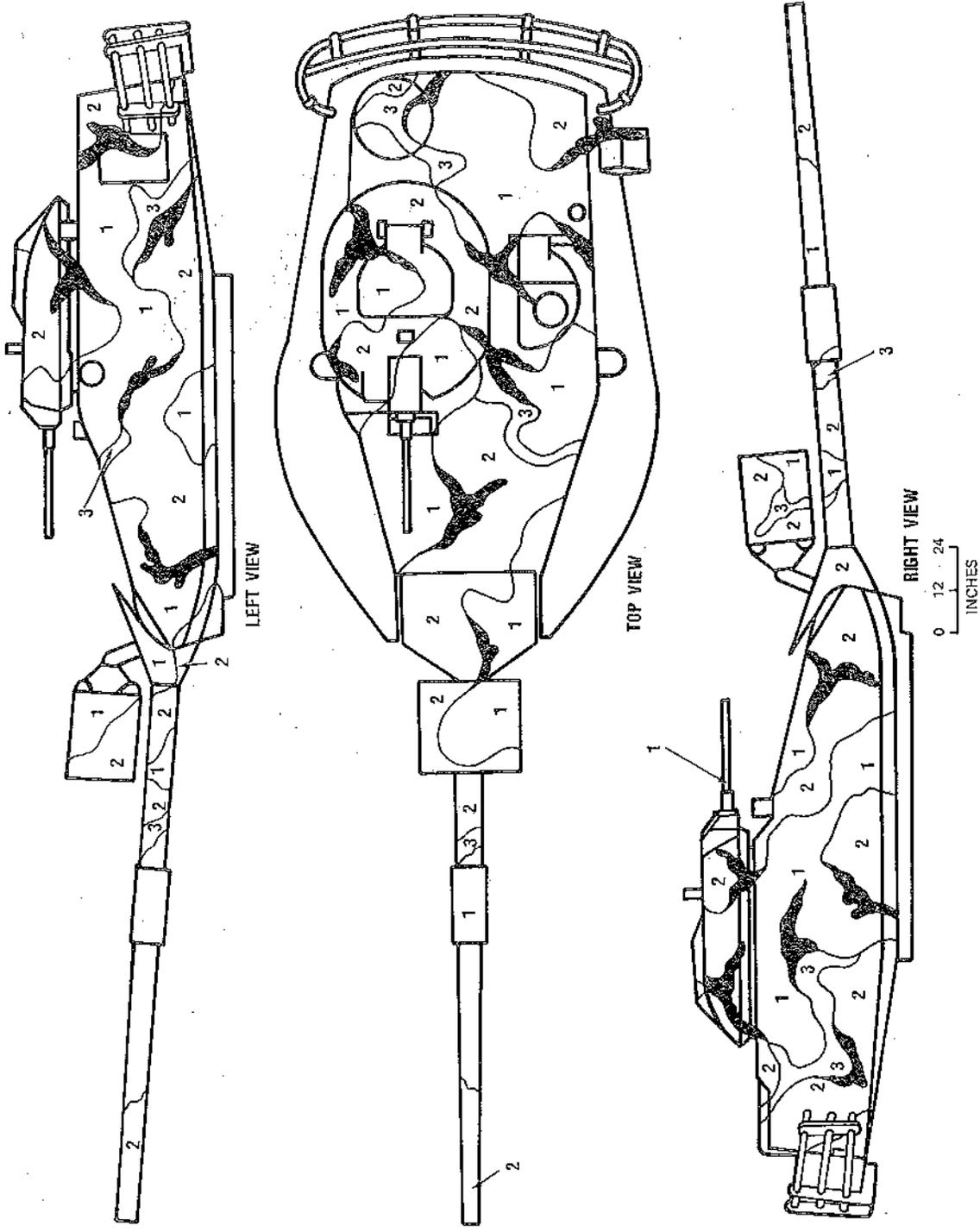
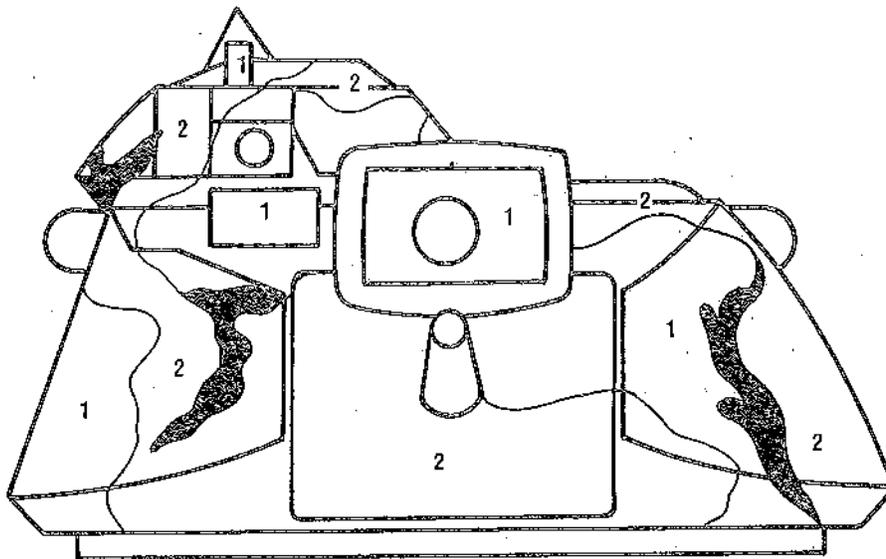
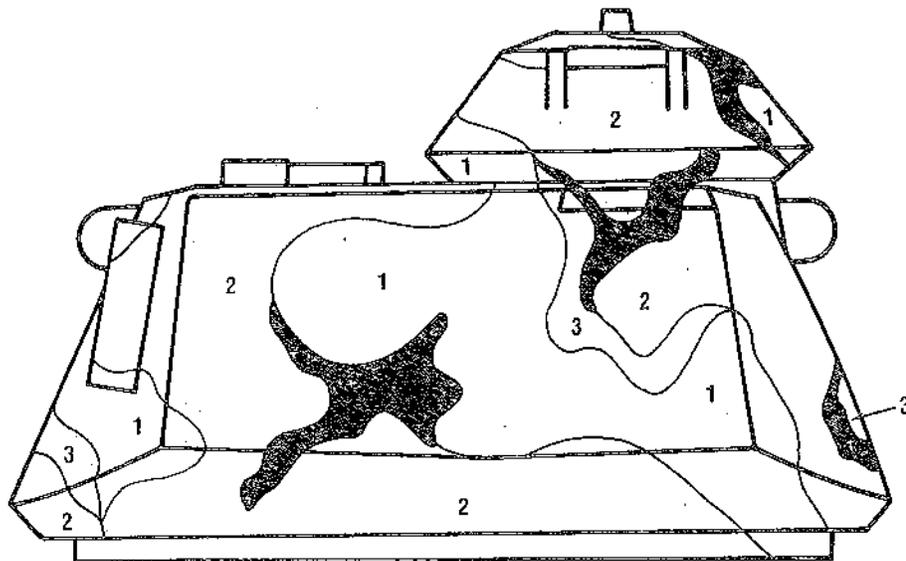


Figure 78. Tank, combat, full-tracked: 105-MM gun, M60. (1 of 2)

TA031679



FRONT VIEW



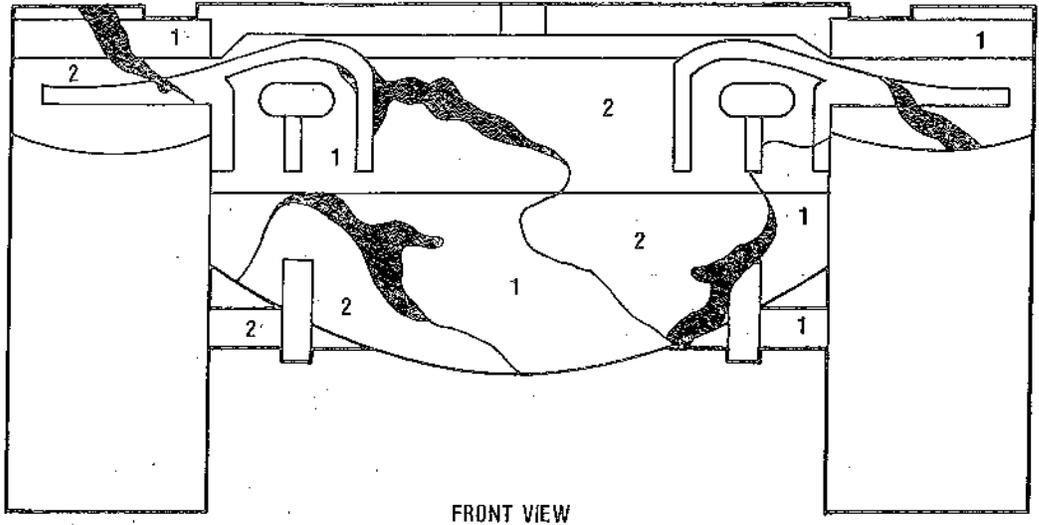
REAR VIEW

(BASKET OMITTED)  
 USE SAME PATTERN FOR  
 BASKET AND TURRET SO  
 THEY MATCH

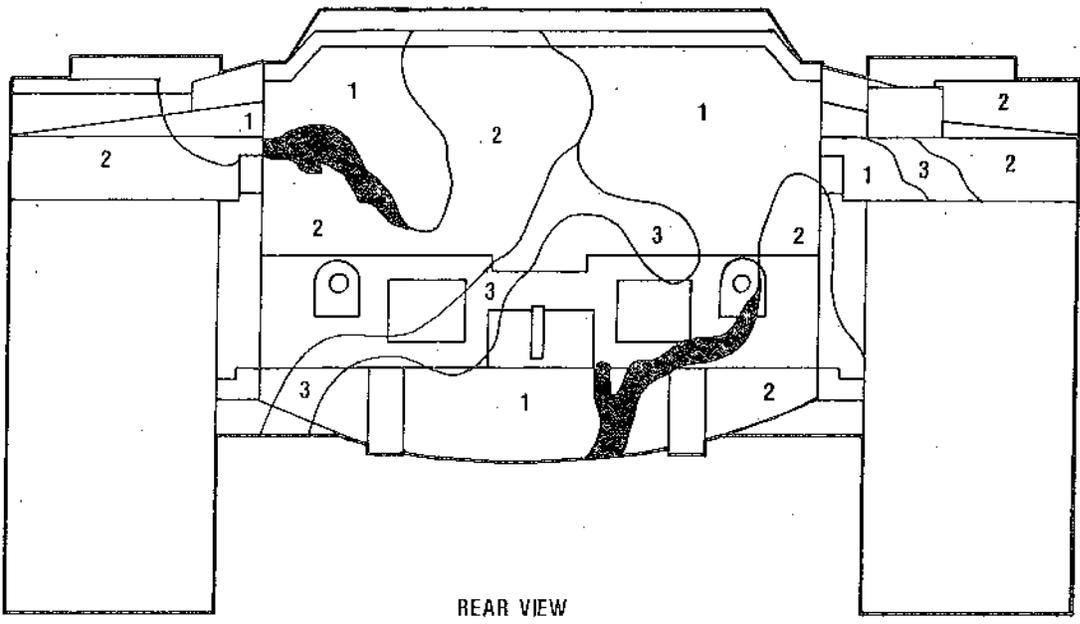


TA031680

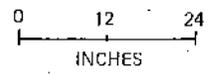
Figure 79. Tank, combat, full-tracked: 105-MM gun, M60. (2 of 2)



FRONT VIEW

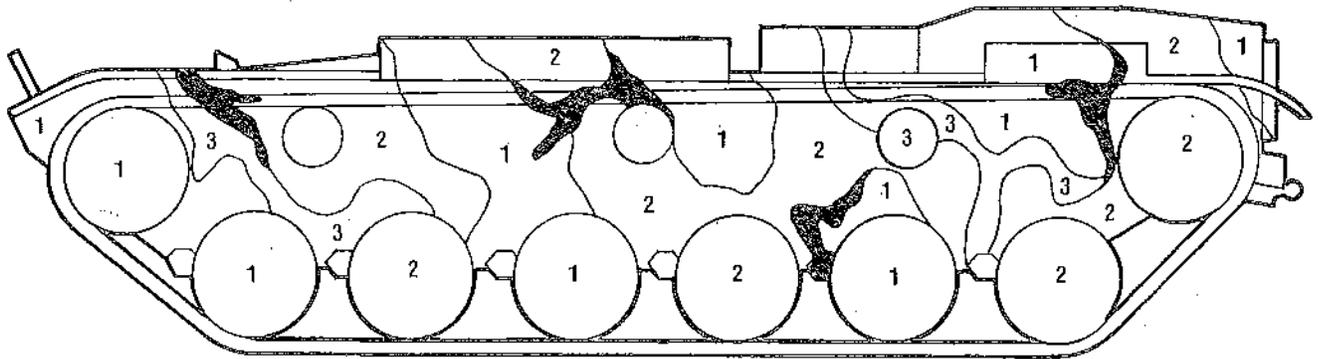
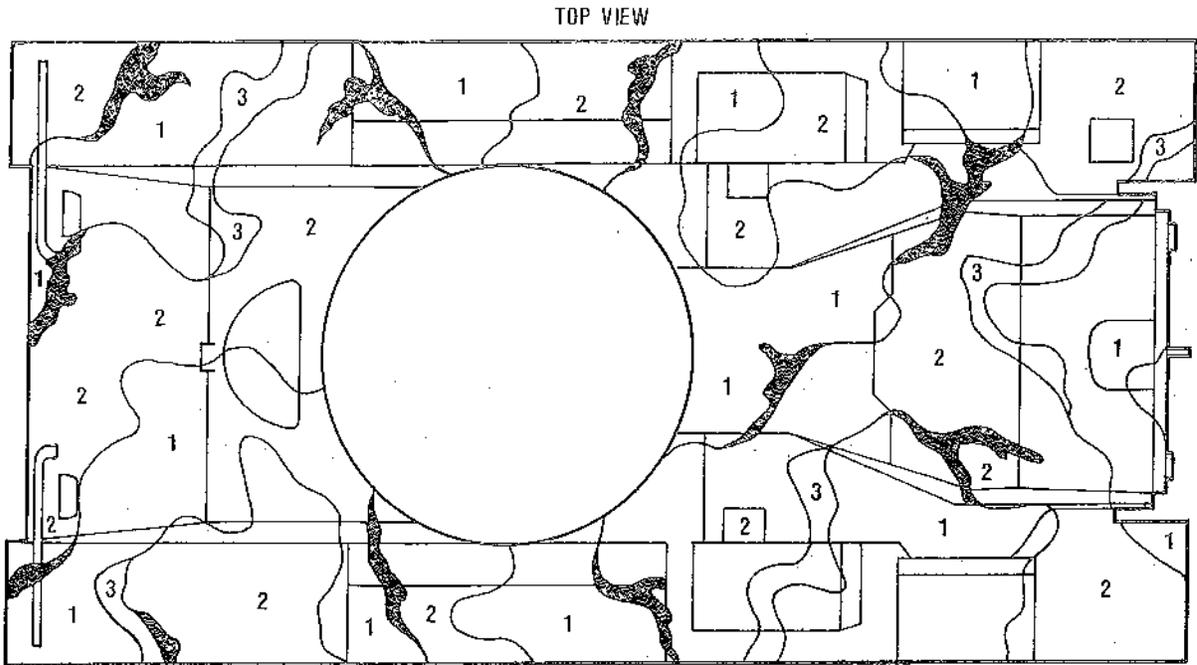


REAR VIEW

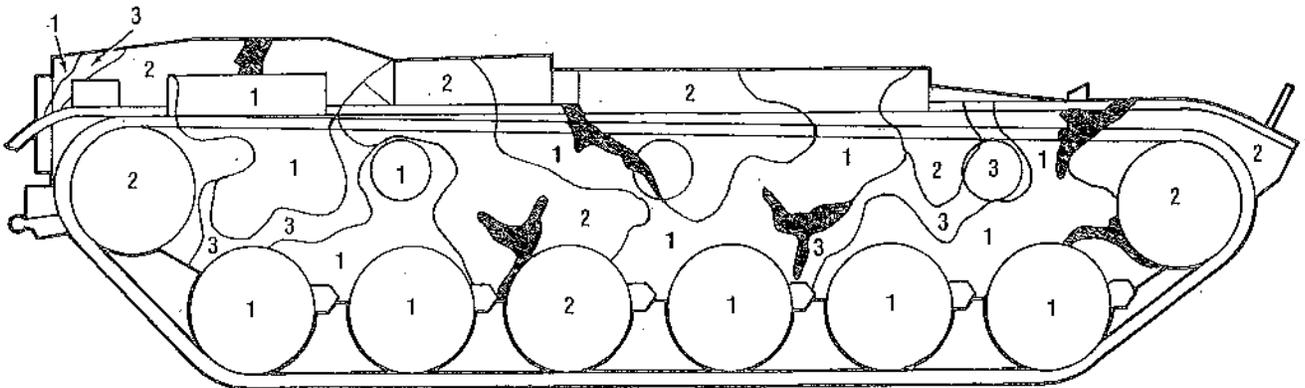


TA031773

Figure 80. Tank, hull: 105-MM. (1 of 2)



LEFT VIEW

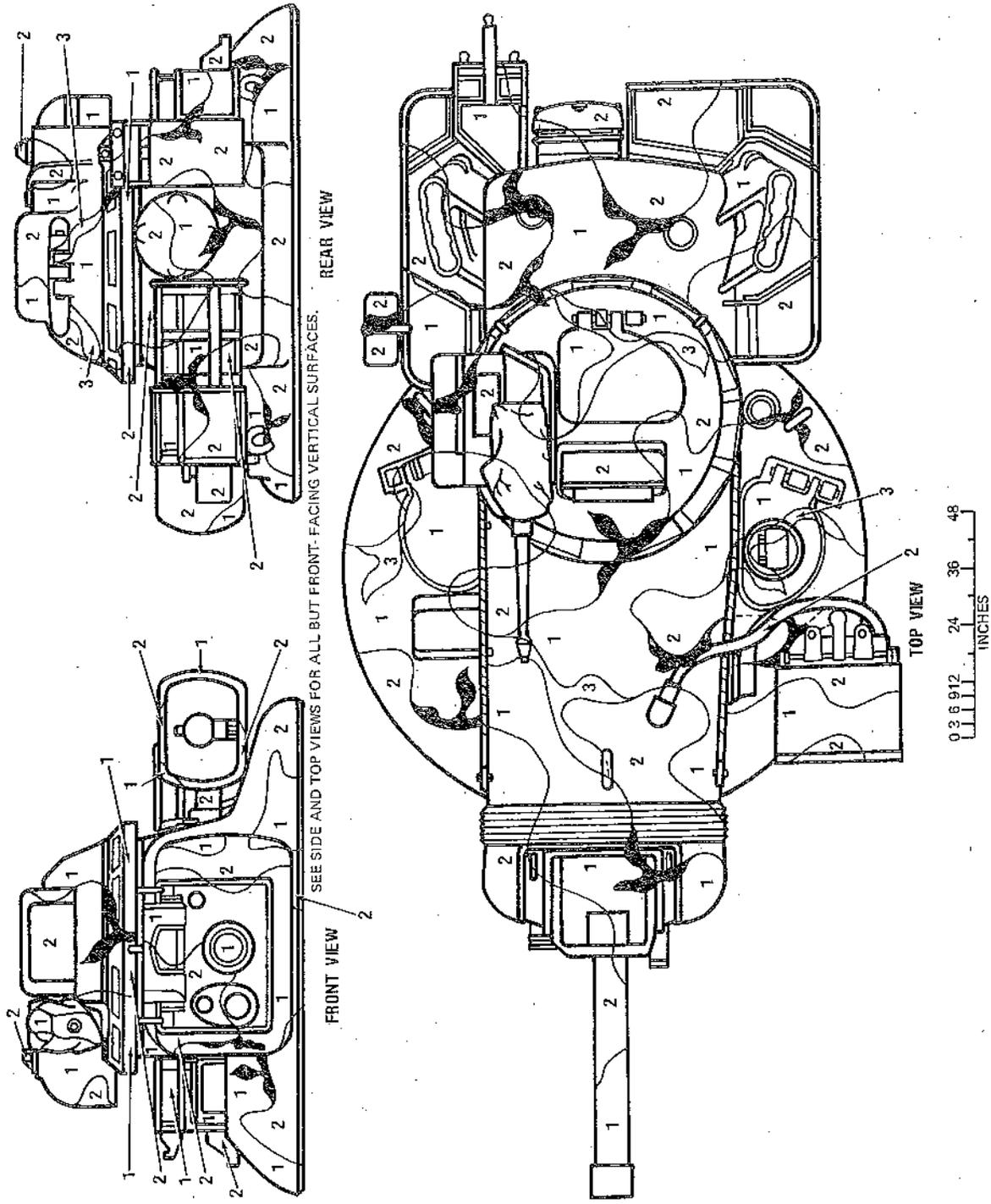


RIGHT VIEW

0 12 24  
INCHES

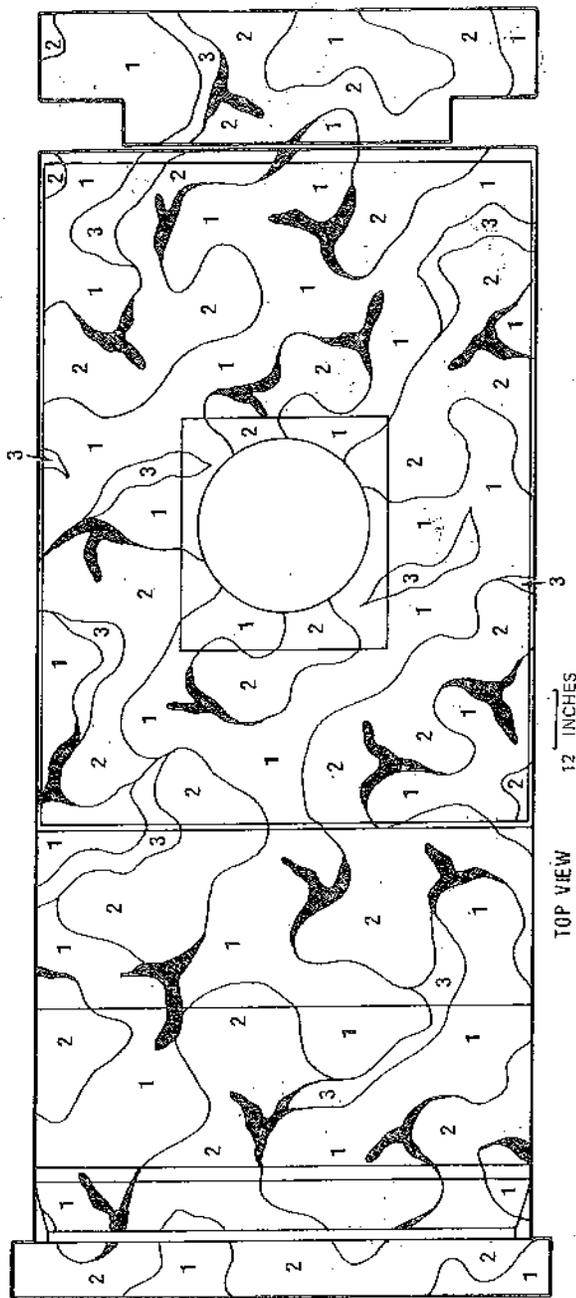
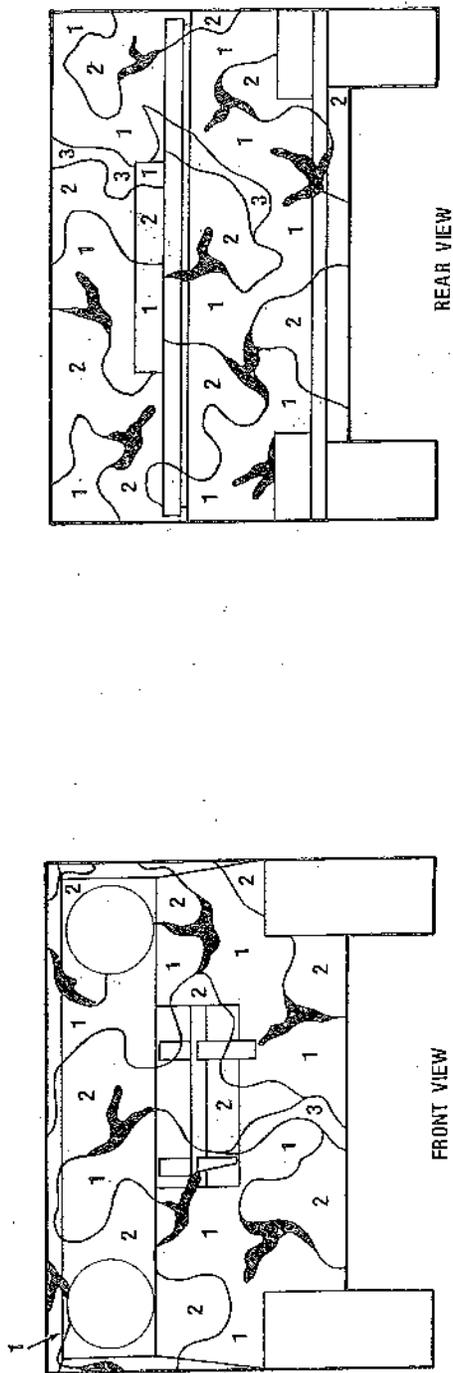
TA031774

Figure 81. Tank, hull: 105-MM. (2 of 2)



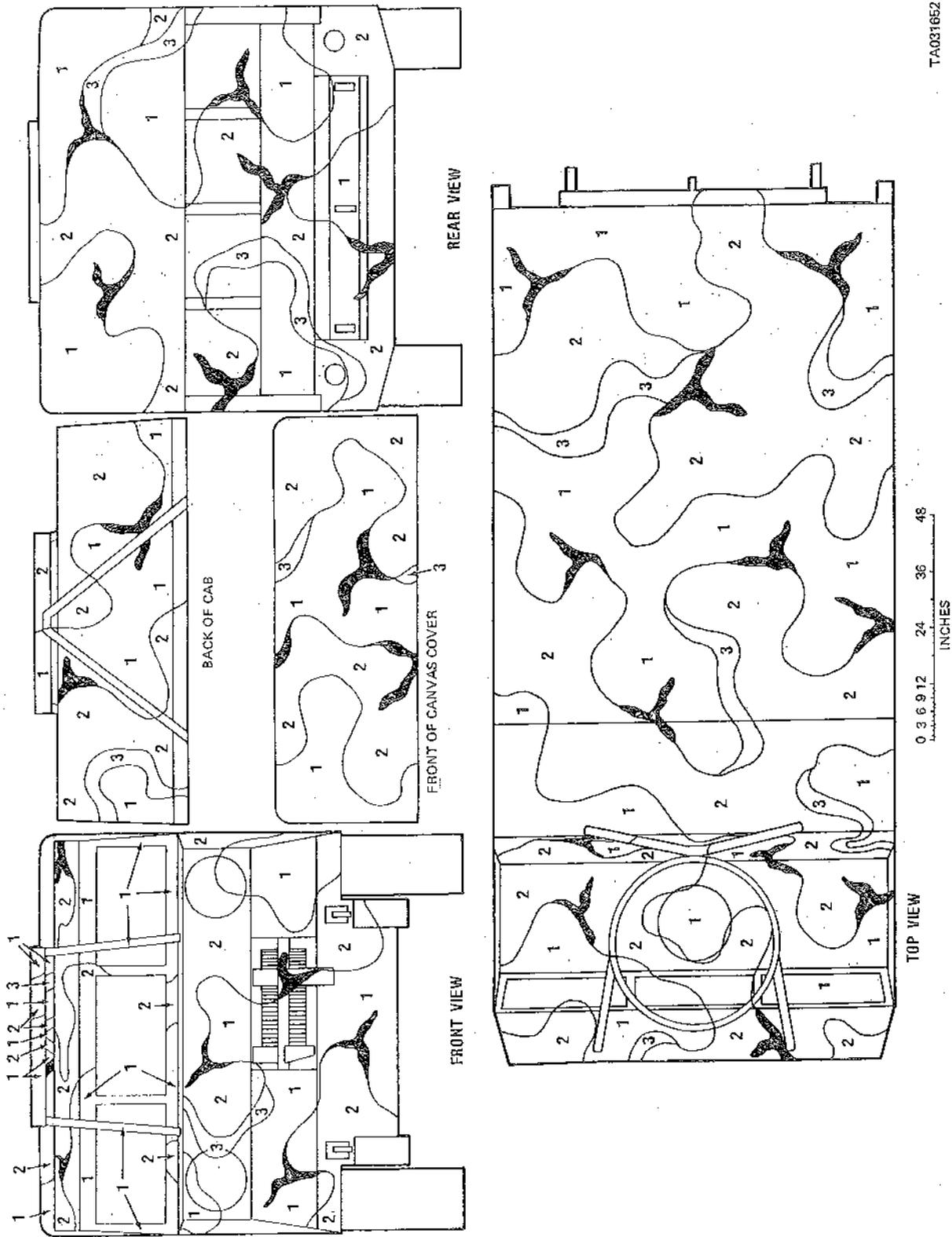
TAC31648

Figure 82. Tank, combat, full-tracked: 152-MM gun/launcher M60A2. (1 of 2)



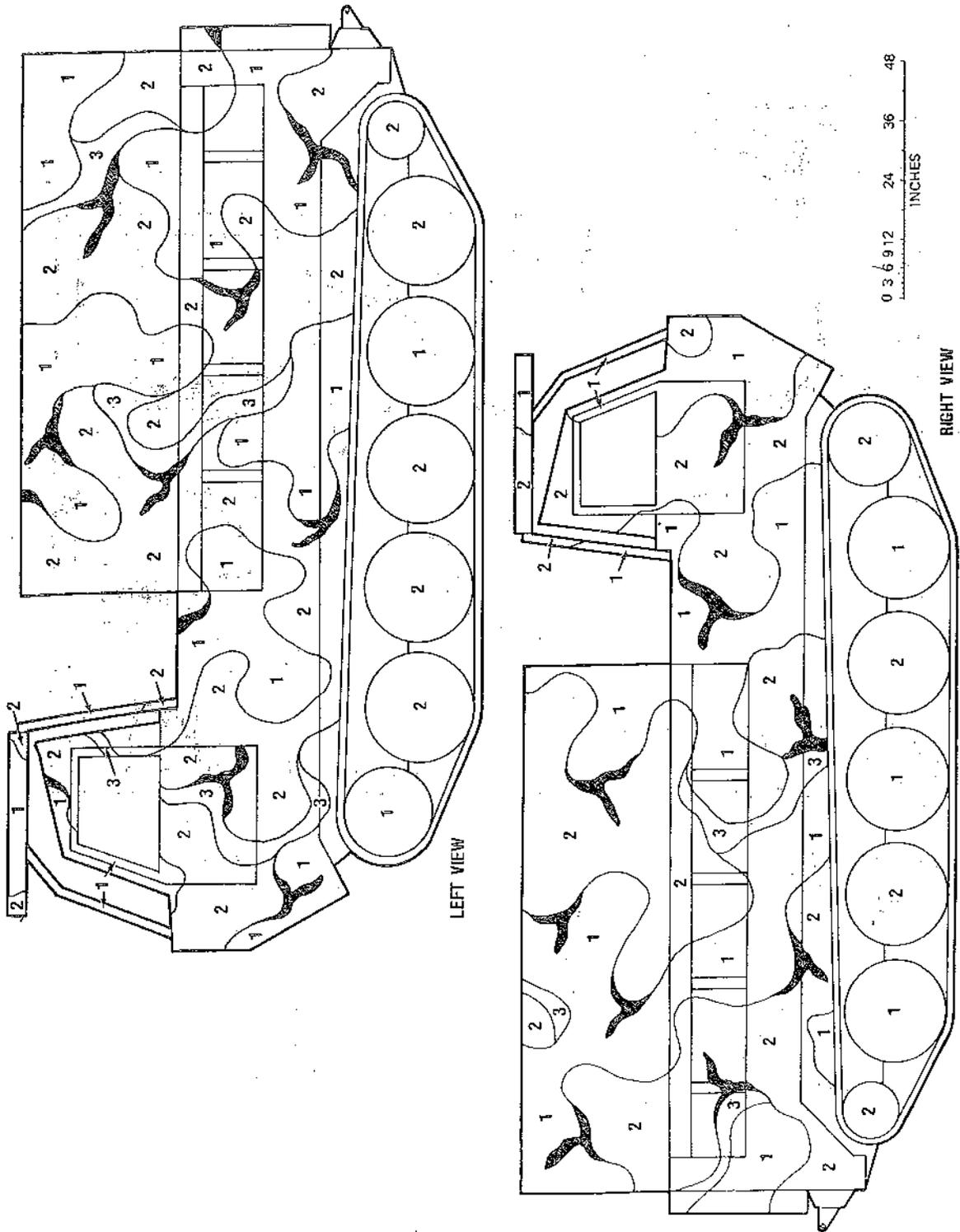
TA031674

Figure 120. CHAPARRAL, carrier. (2 of 2)



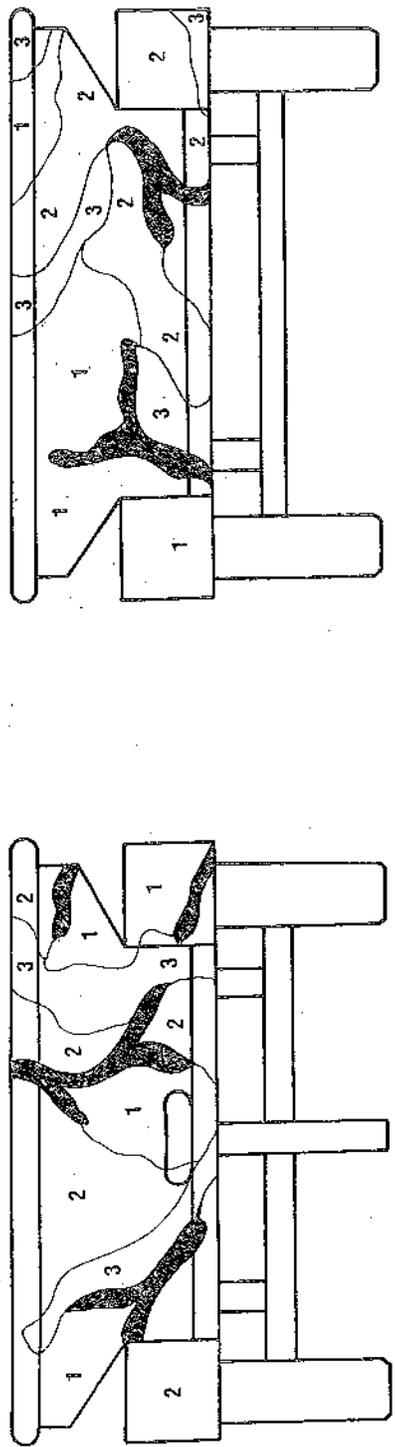
TA031652

Figure 121. Carrier, cargo, trachee, M548. (1 of 2)



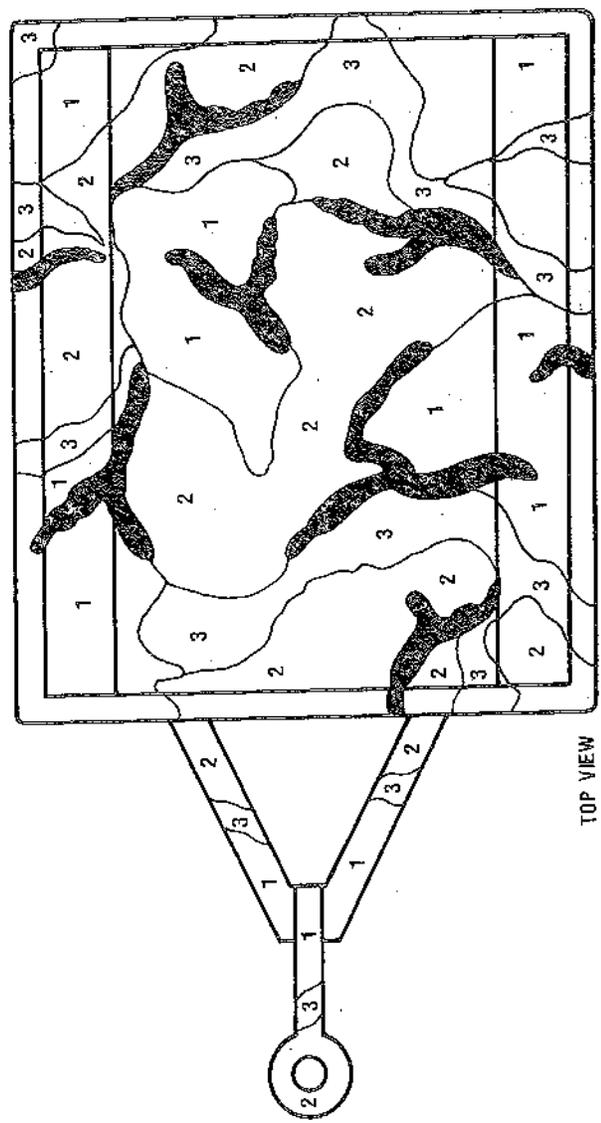
TA031653

Figure 122. Carrier, cargo, tracked: 6-ton, M548. (2 of 2)



FRONT VIEW

REAR VIEW

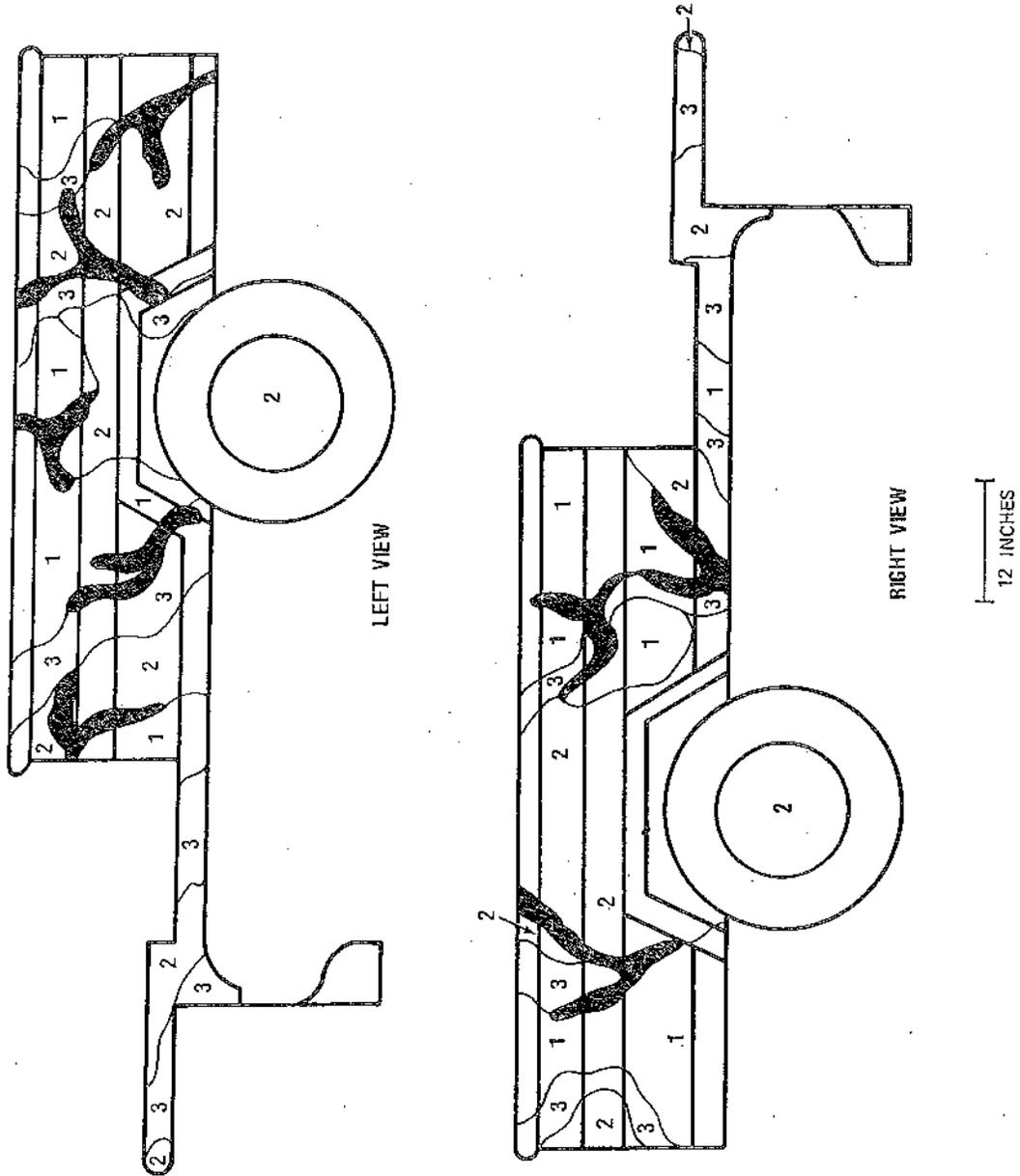


TOP VIEW

12 INCHES

TA031765

Figure 123. Trailer, cargo, 1/4-ton, 2-wheel, XM416. (1 of 2)



TA031766

Figure 124. Trailer, cargo, 1/4-ton, 2-wheel, XM416. (2 of 2)

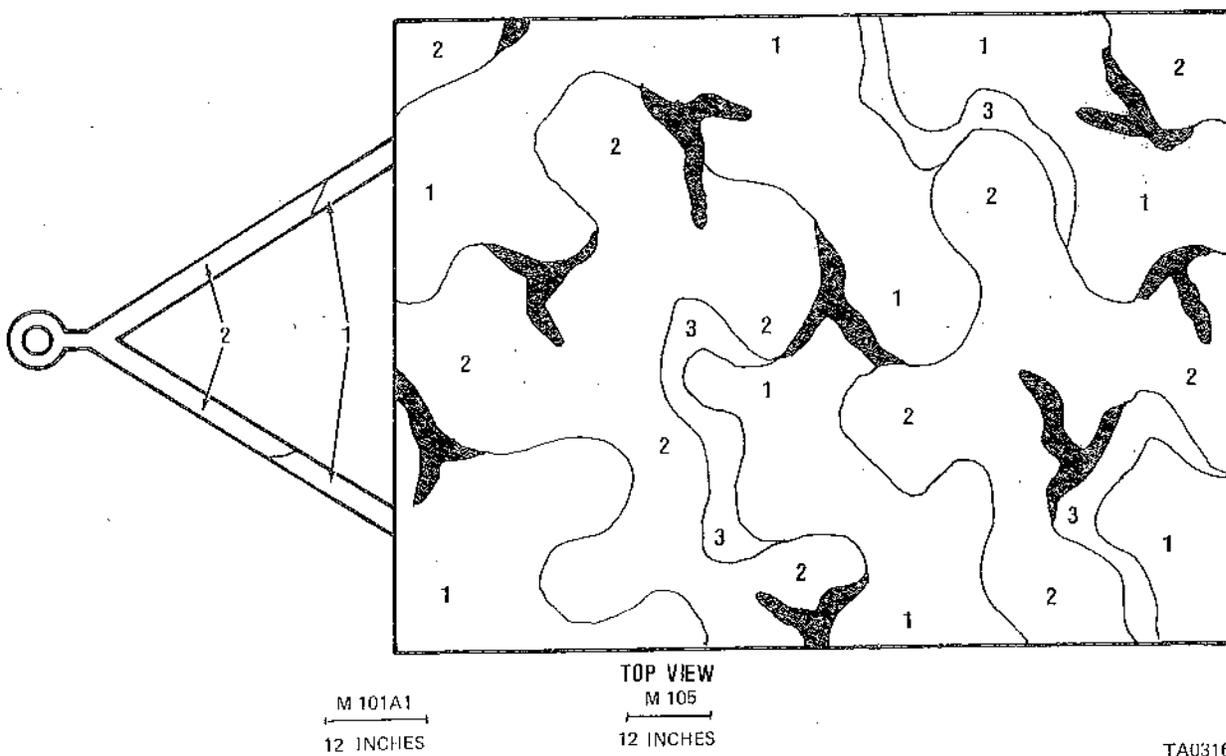
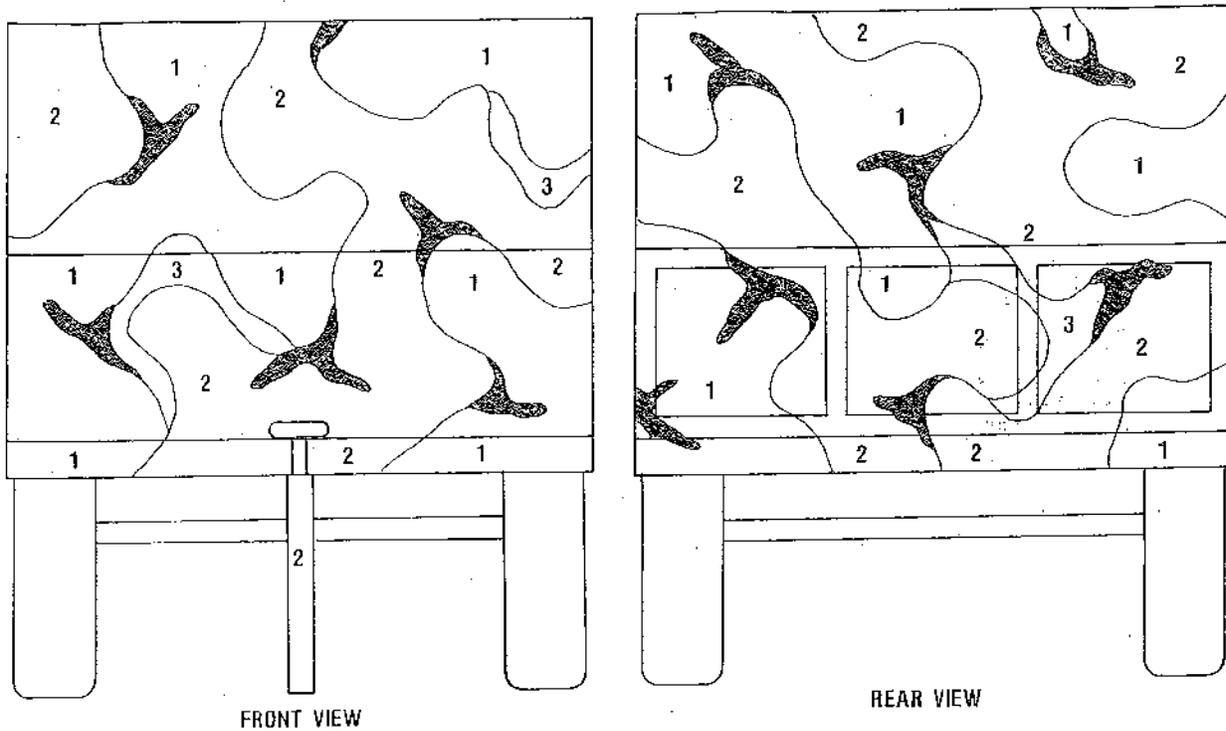
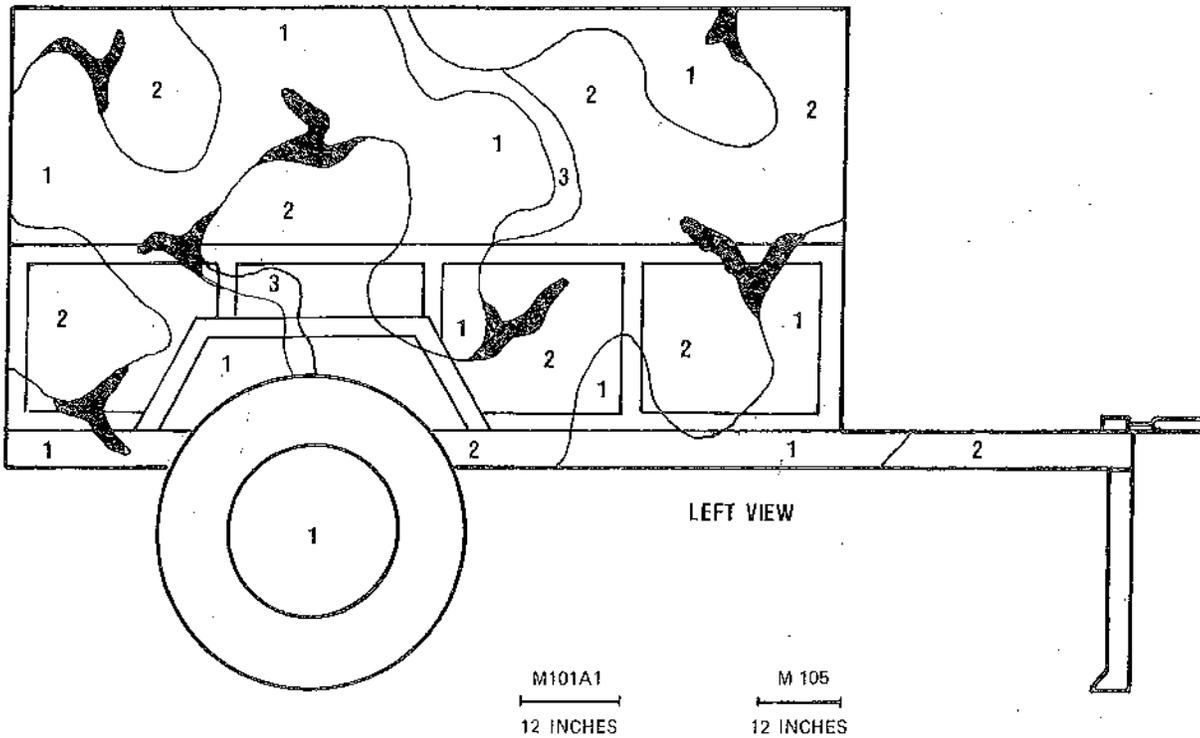
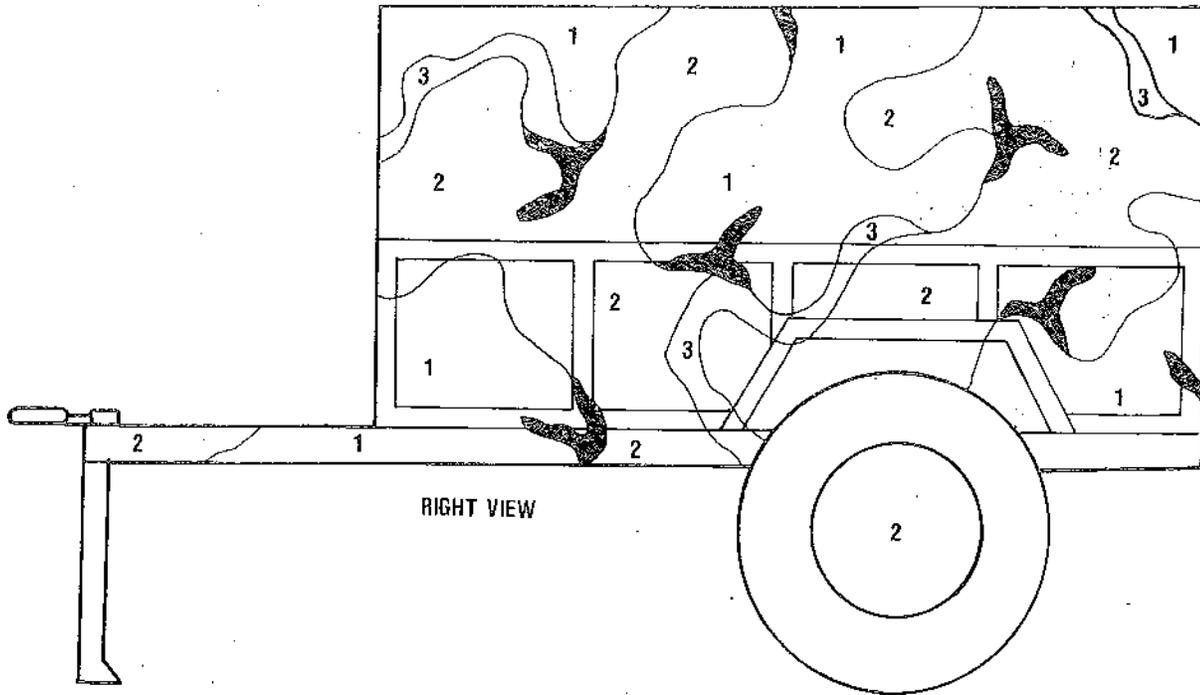


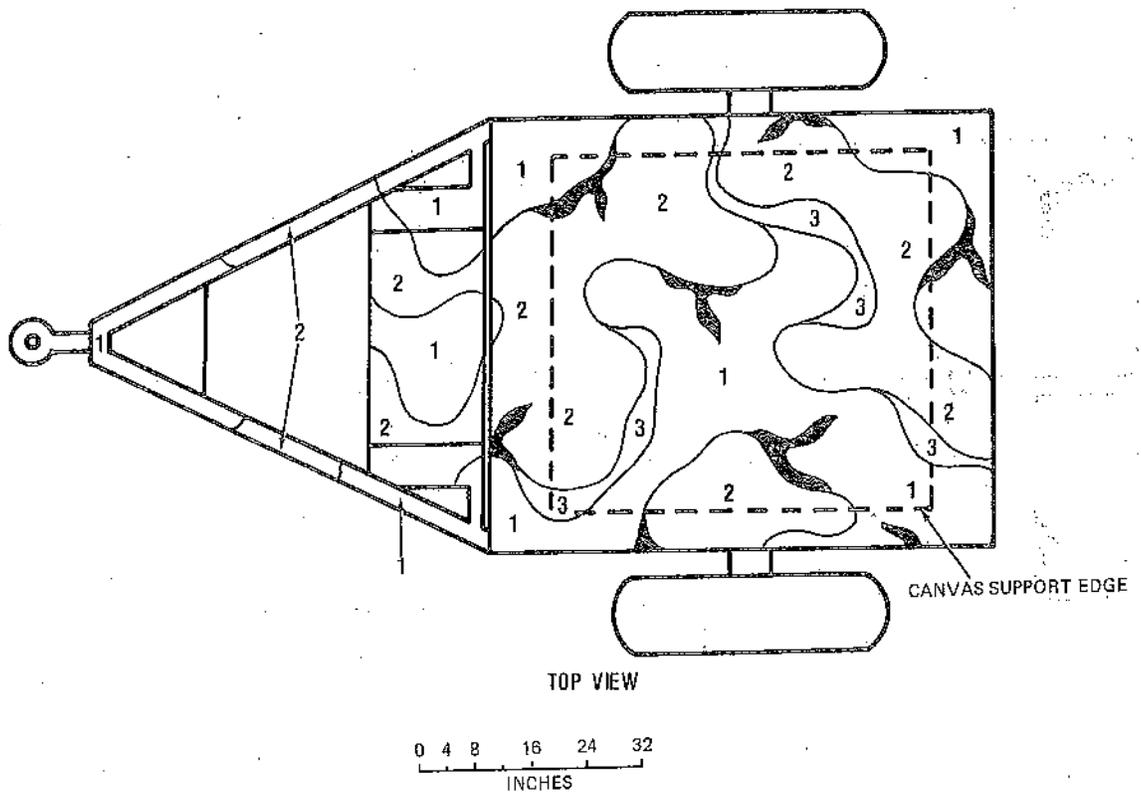
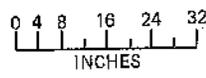
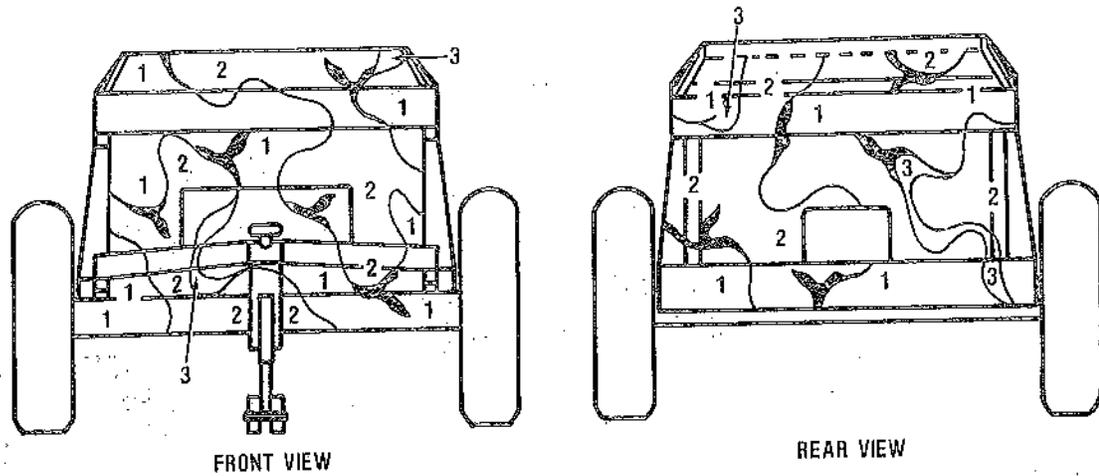
Figure 125. Trailer, cargo:  $\frac{3}{4}$ -ton, 2-wheel M101A1. Trailer, Cargo:  $1\frac{1}{2}$ -ton, 2-wheel M105 (see M101A1). (1 of 2)

TAU31618



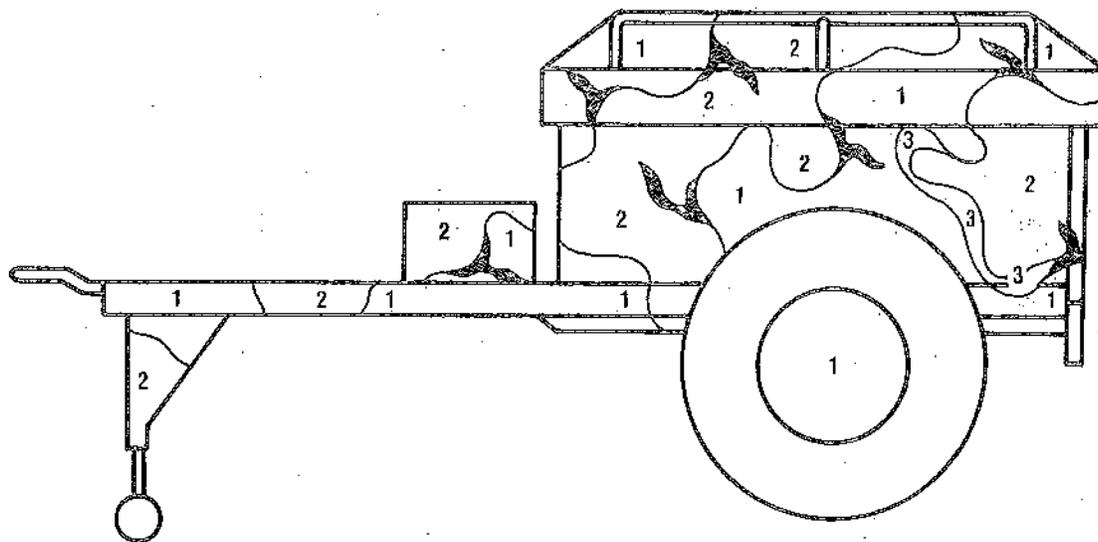
TA031619

Figure 126. Trailer, cargo: ¼-ton, 2-wheel M101A1. Trailer, Cargo: 1½-ton, 2-wheel M105 (see M101A1). (2 of 2)

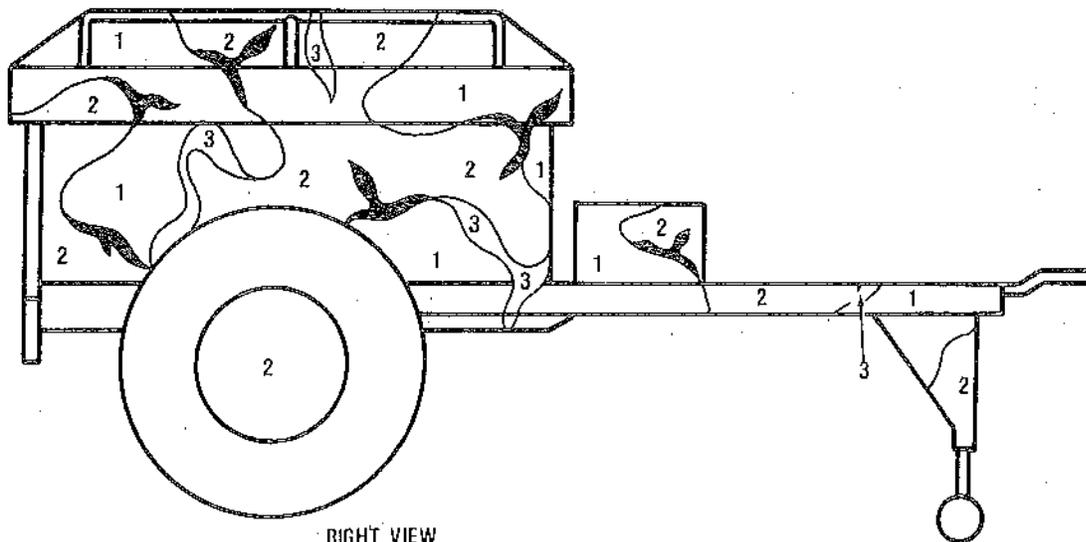


TA031643

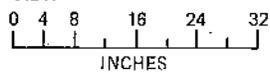
Figure 127. Trailer, ammunition: 1 1/2-ton, 2-wheel, M332. (1 of 2)



LEFT VIEW



RIGHT VIEW



TA031644

Figure 128. Trailer, ammunition: 1 1/2-ton, 2-wheel, M392. (2 of 2).

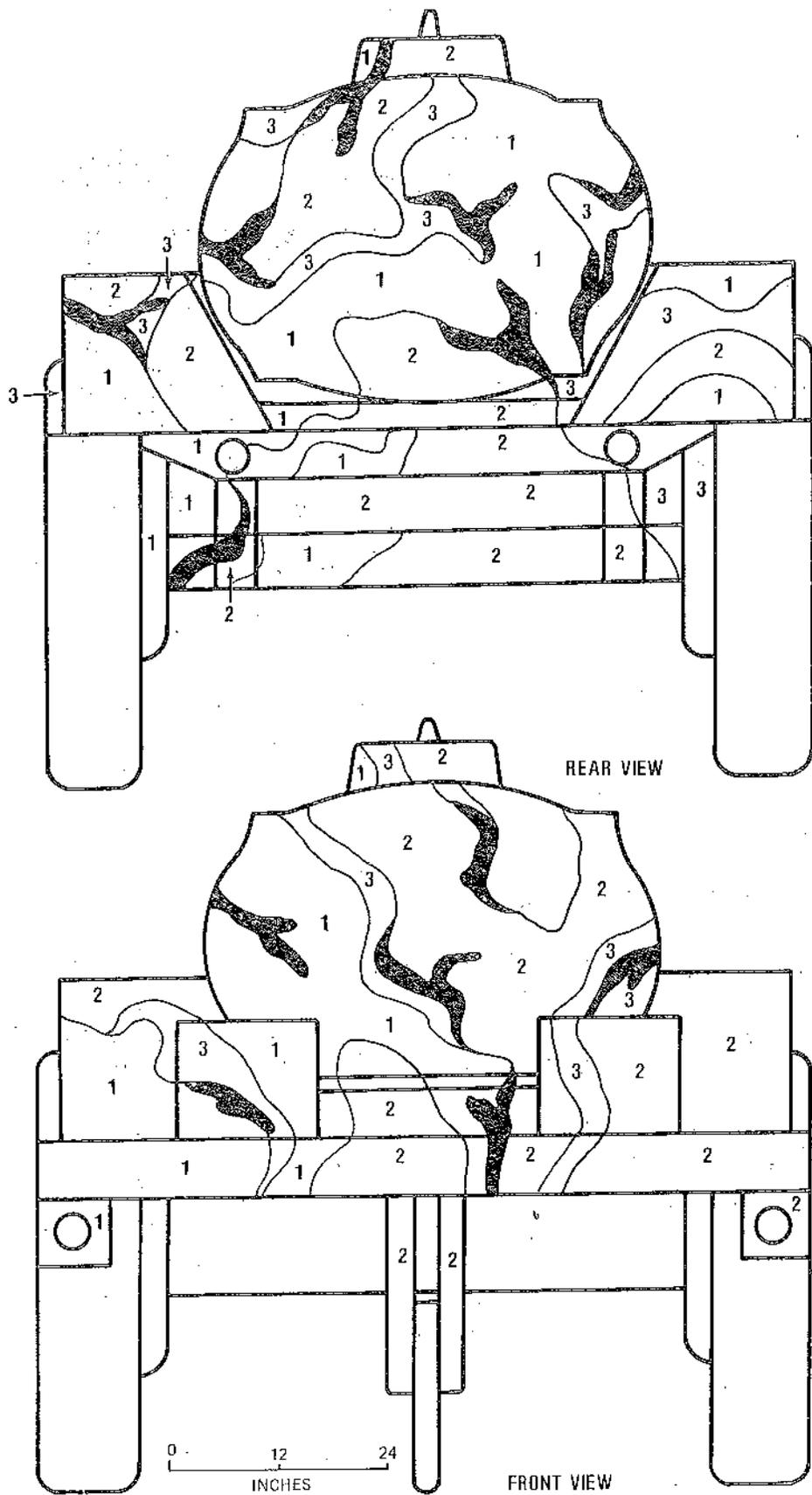
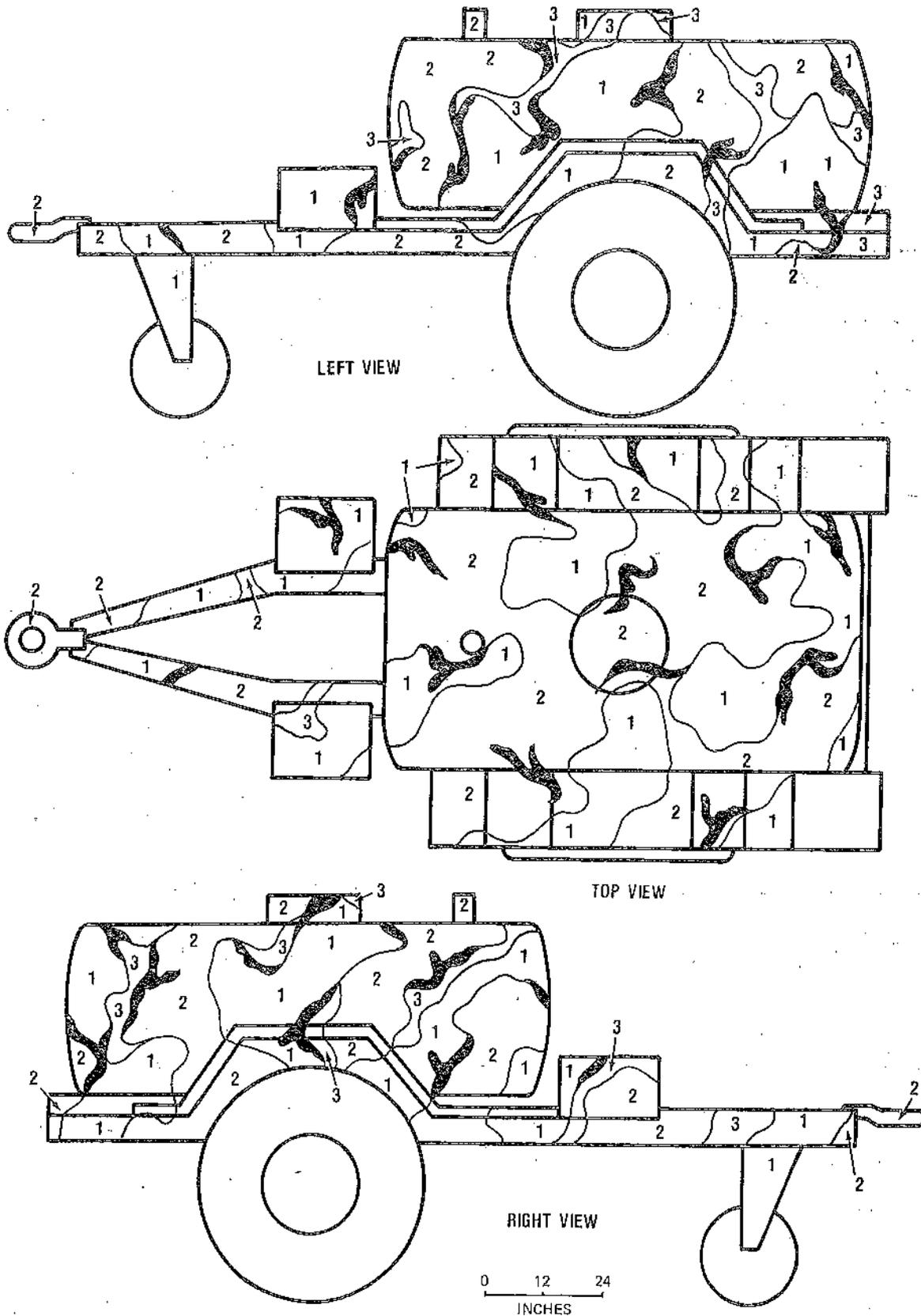


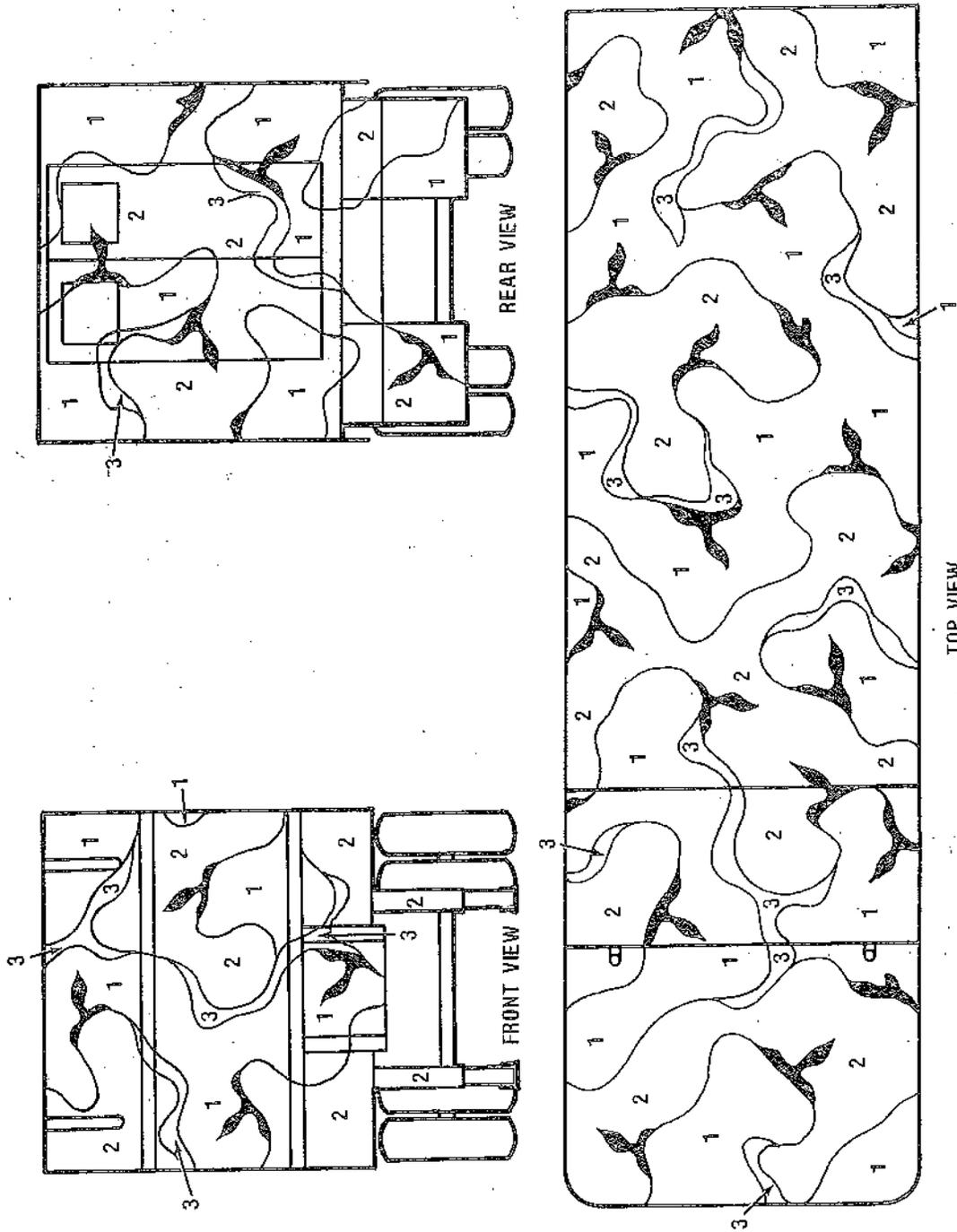
Figure 129. Trailer, tank: water, 400-Gallon, 1½-ton, 2-wheel w/E M149. (1 of 2).

TA031793



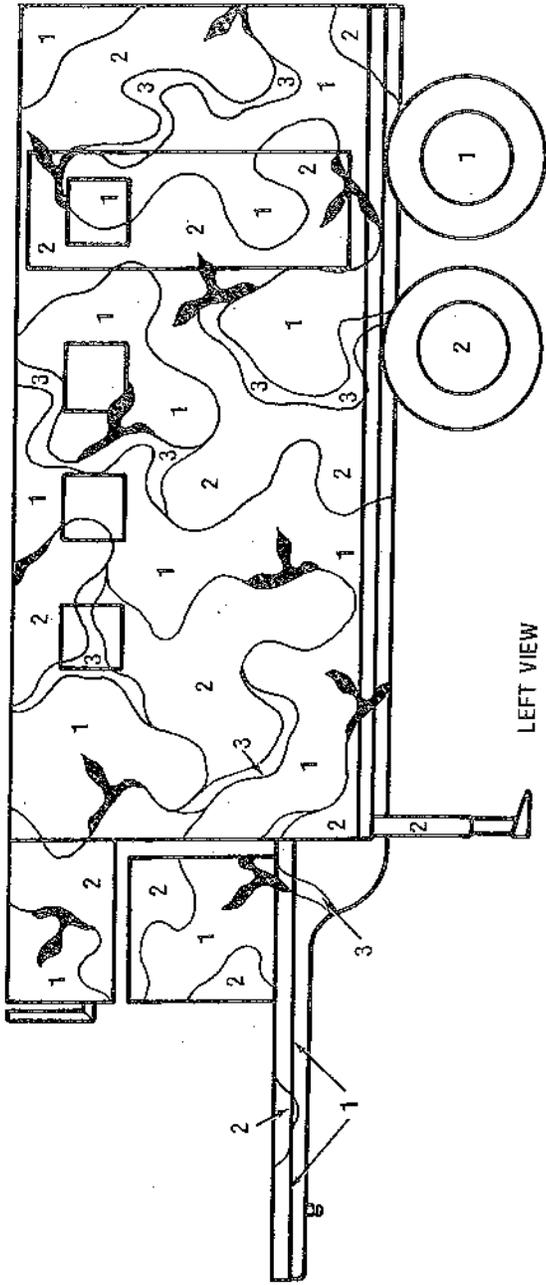
TA031794

Figure 130. Trailer, Tank: Water, 400-Gallon, 1½-ton, 2-wheel w/E M149. (2 of 2).

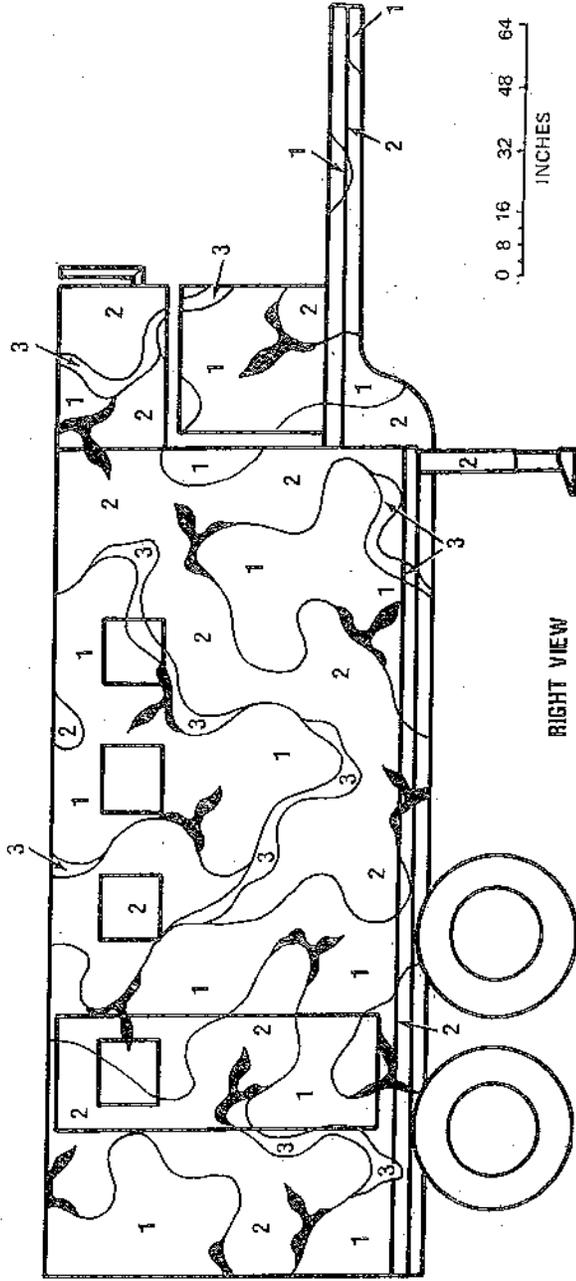


TA031706

Figure 131. Semitrailer, var: expandible, 6-ton, 4-wheel M313. (1 of 2)



LEFT VIEW

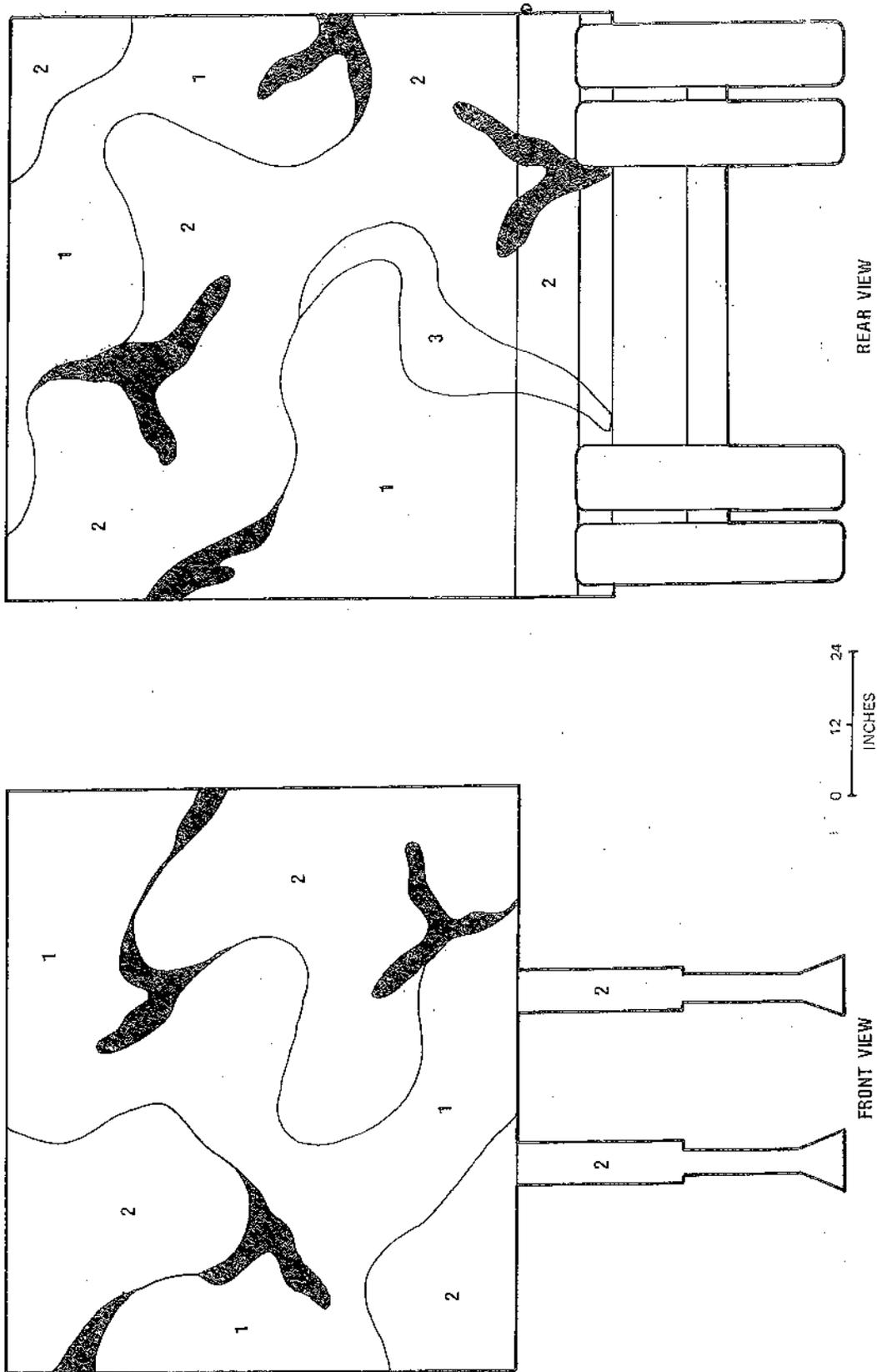


RIGHT VIEW

0 8 16 32 48 64  
INCHES

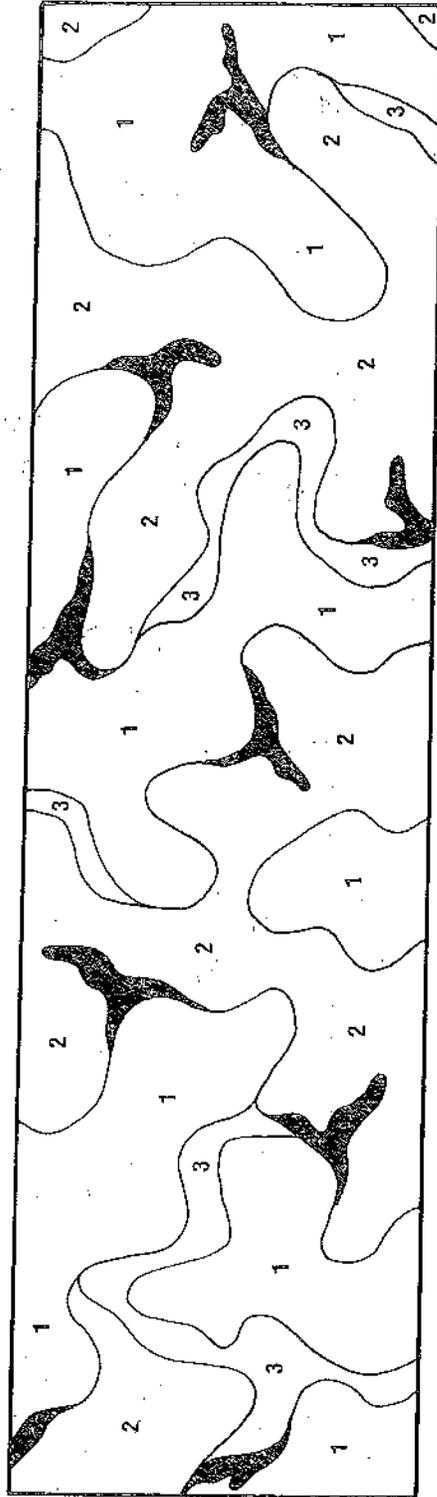
TA031707

Figure 132. Semitrailer, van: expandible, 6-ton, 4-wheel M313. (2 of 2)



TA031664

Figure 133. Semitrailer, van: cargo, 12-ton, 4-wheel, 4-wheel, M128 (also M127A1C). (1 of 3).



0 12 24  
INCHES

TOP VIEW

Figure 134. Semitrailer, van. CARGO, 12-ton, 4 Wheel, M128 (also M127A1C). (2 of 3)

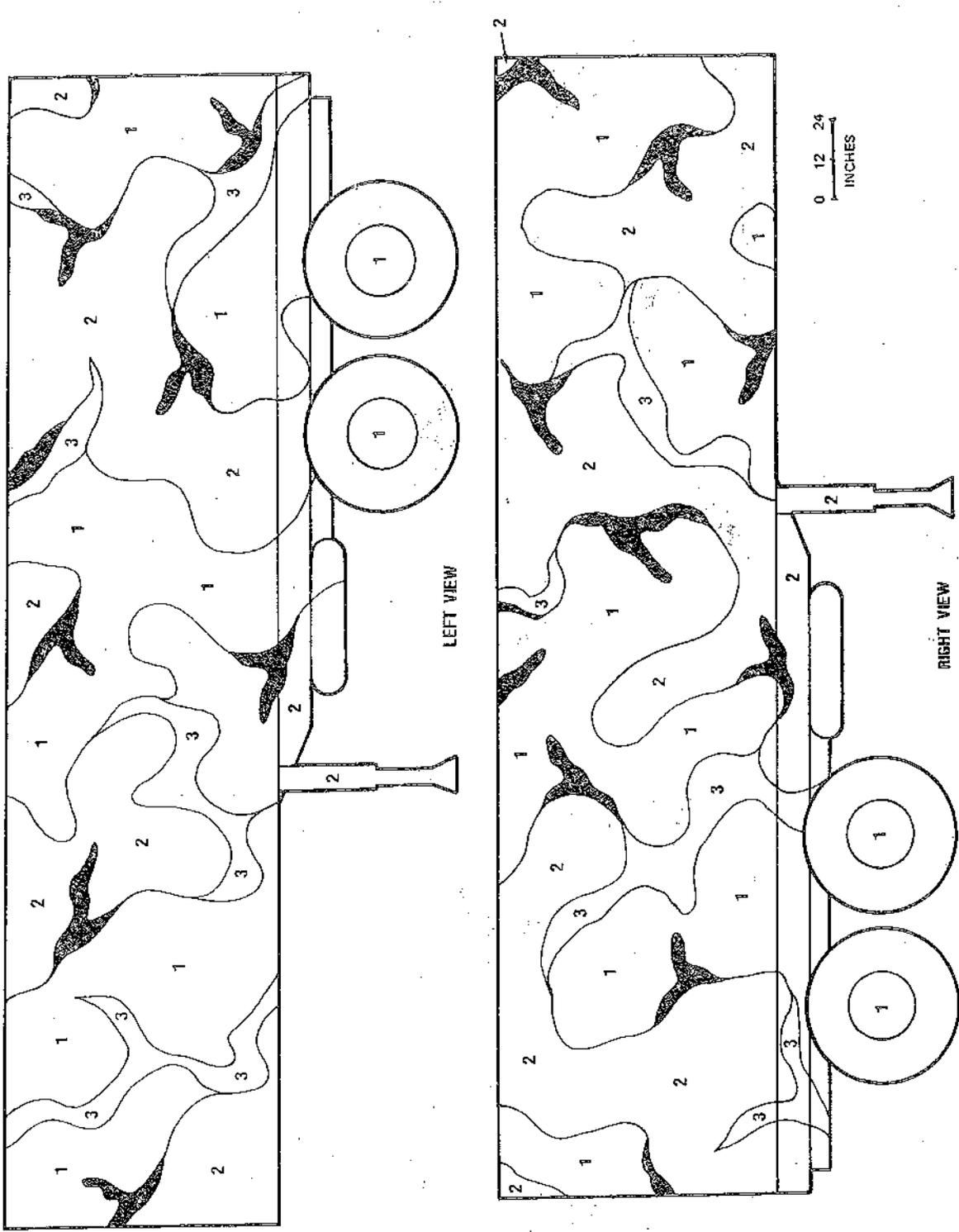
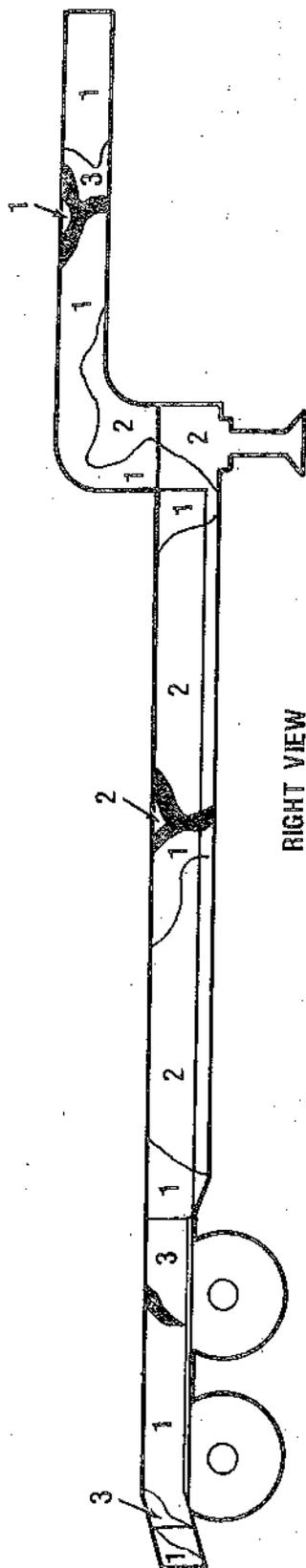
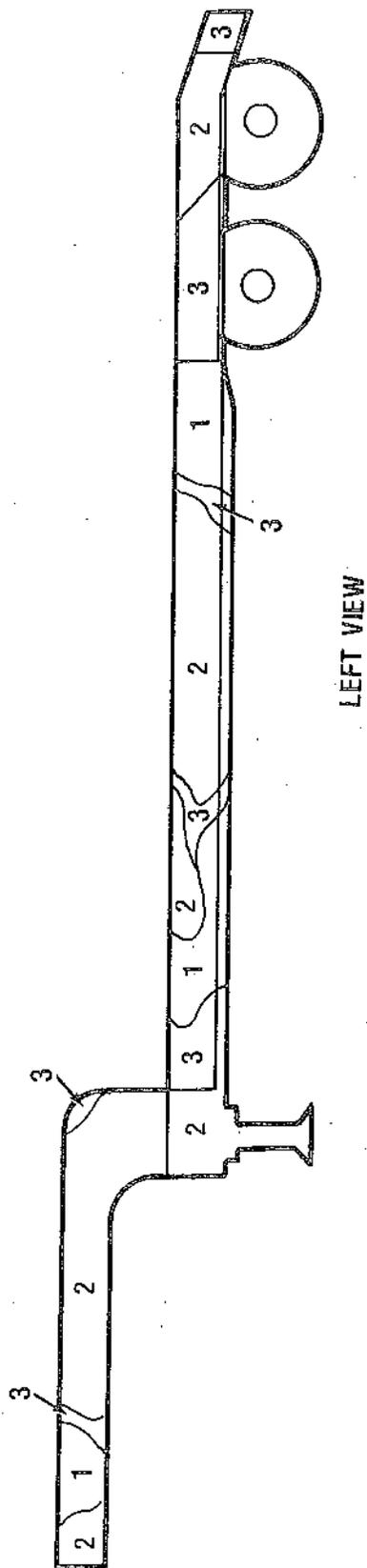


Figure 135. Semitrailer, van: cargo, 12-ton, 4-wheel, M128 (also M127A1C). (3 of 3).

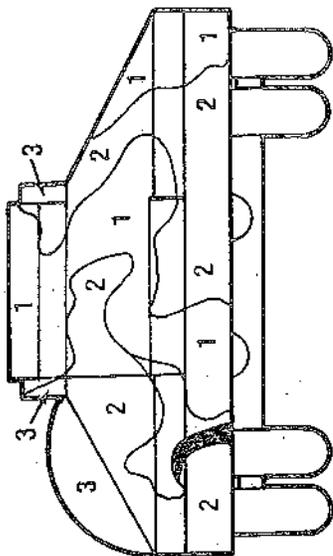
TA031666



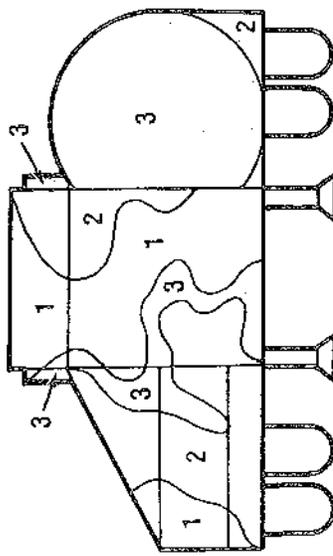
0 12 24  
INCHES

TA031662

Figure 136. Semitrailer, low bed, 25-ton, 4-wheel, M172A1. (1 of 2)

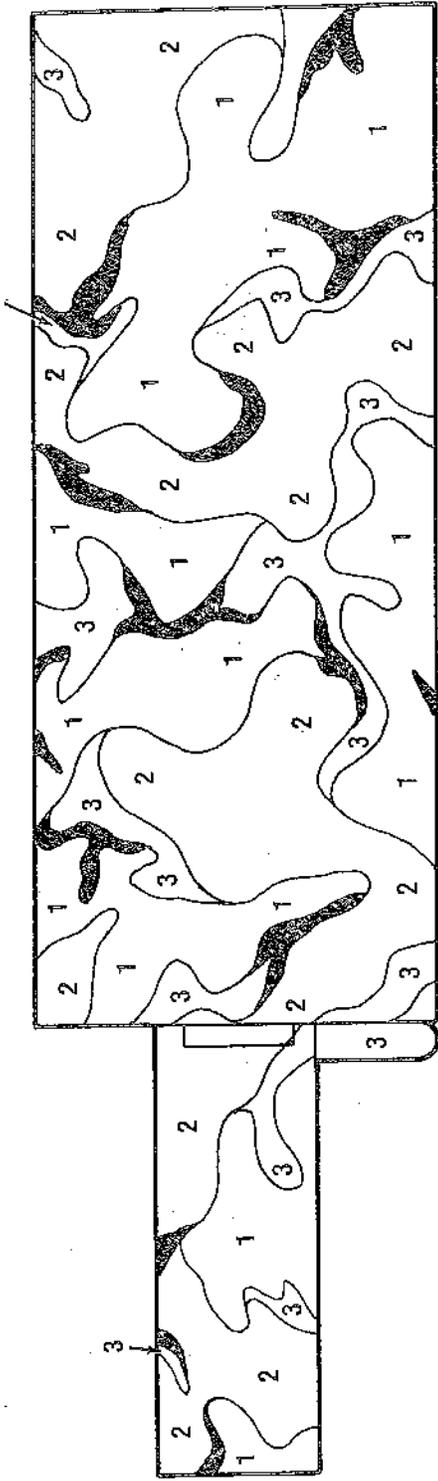


FRONT VIEW



REAR VIEW

0 12 24  
INCHES

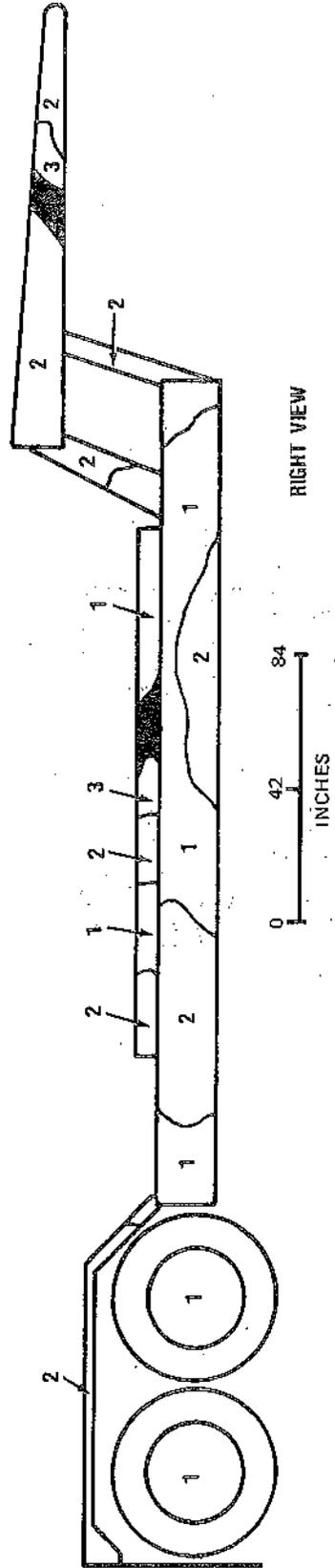
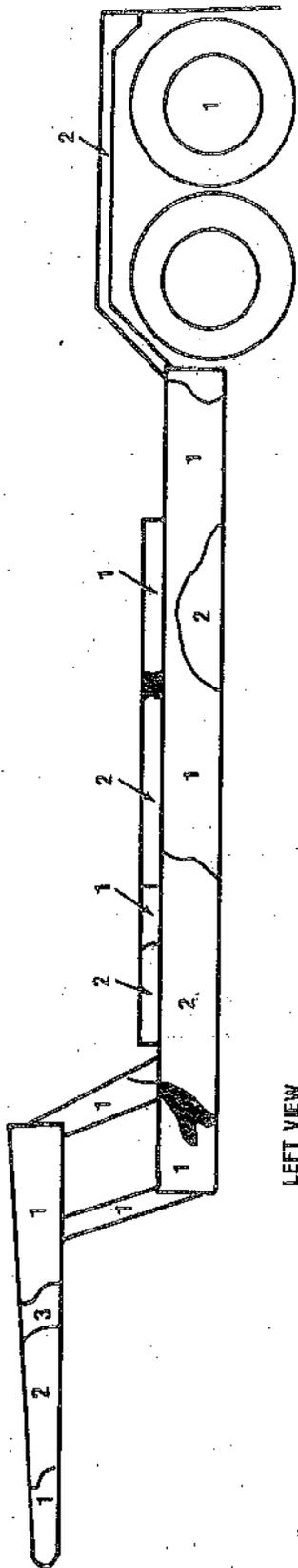


TOP VIEW

0 12 24  
INCHES

TA031663

Figure 137. Semitrailer, low bed: 25-ton, 4-wheel, MI72A1. (2 of 2)



TA031777

Figure 138. Heavy equipment transporter, semitrailer: 55-ton, 4-wheel XM524E2. (1 of 2).

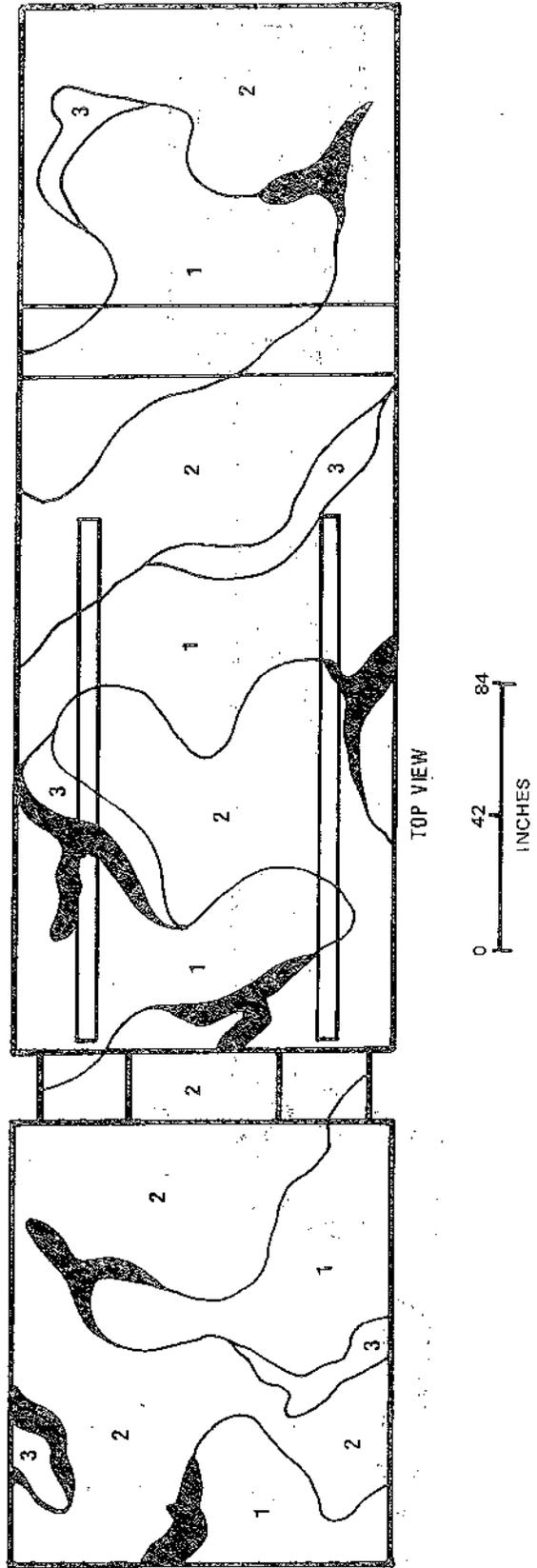
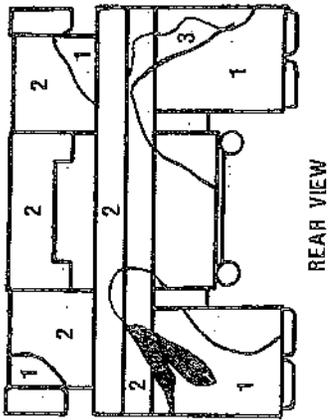
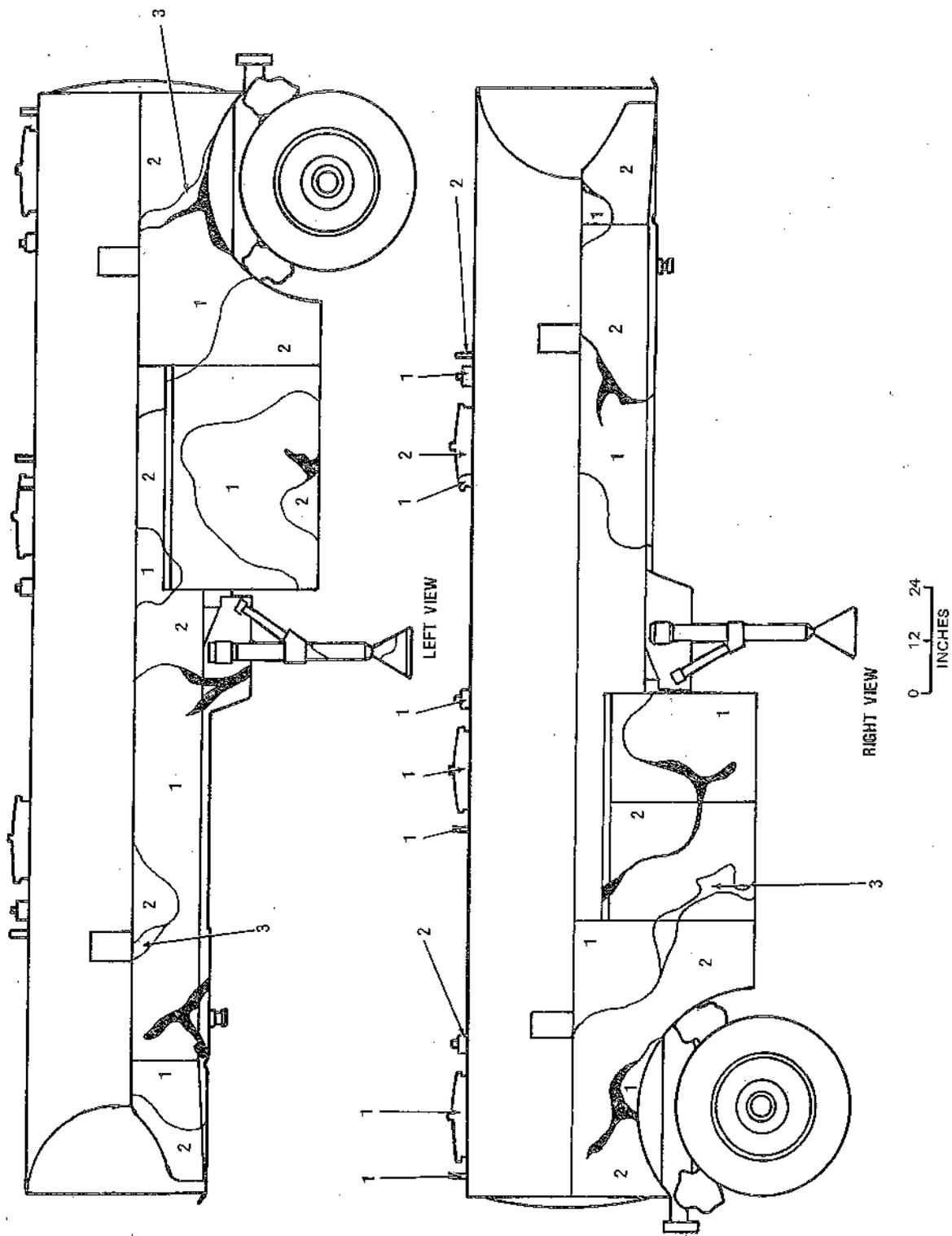
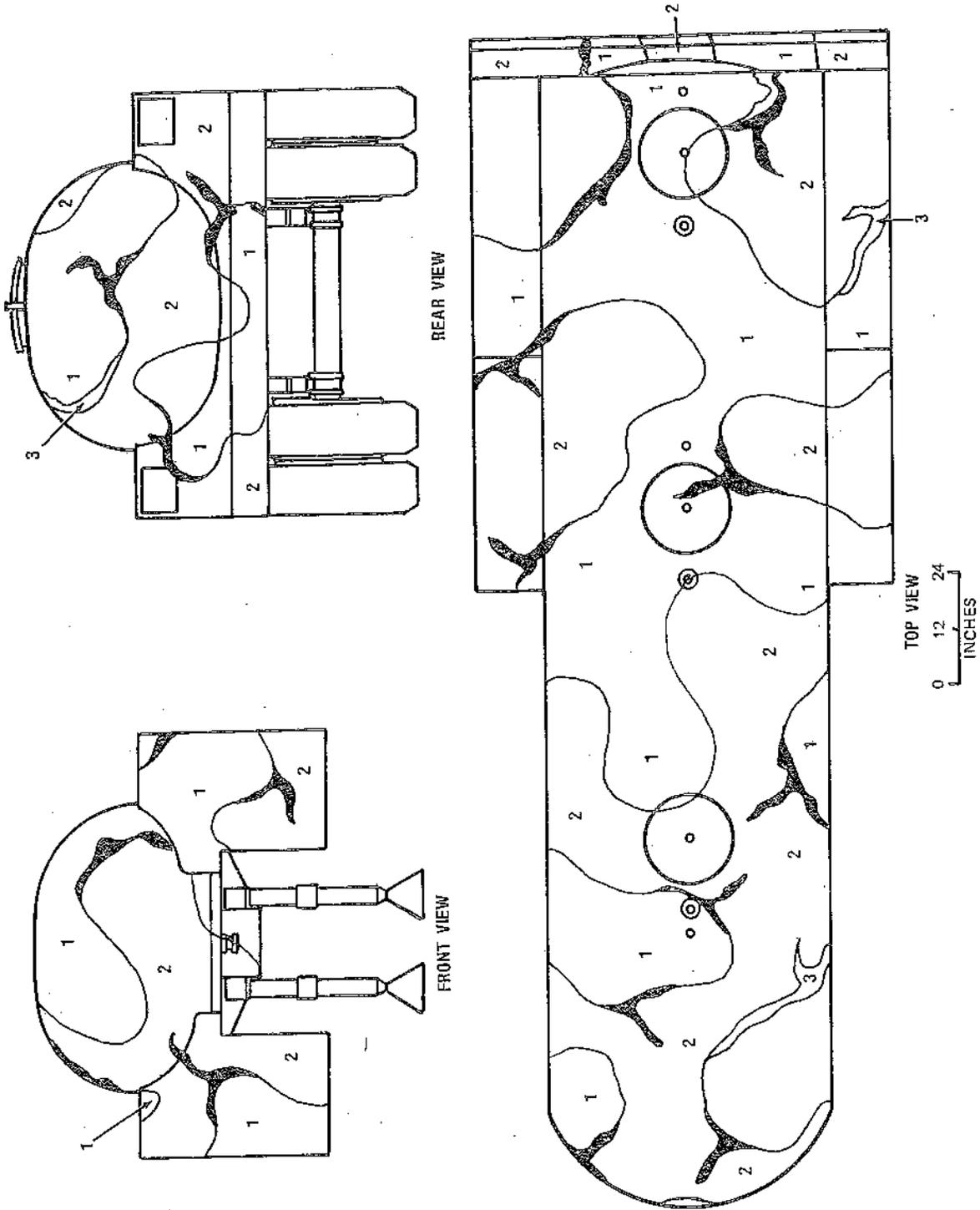


Figure 139. Heavy Equipment, transporter, semitrailer: 55-ton, 4-wheel XM524E2. (2 of 2)



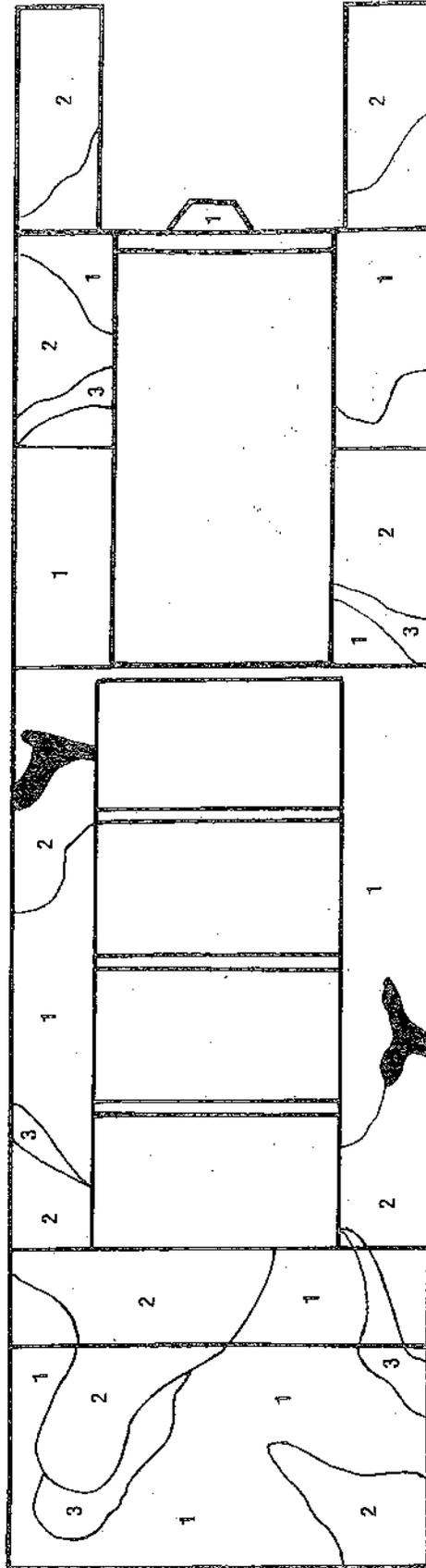
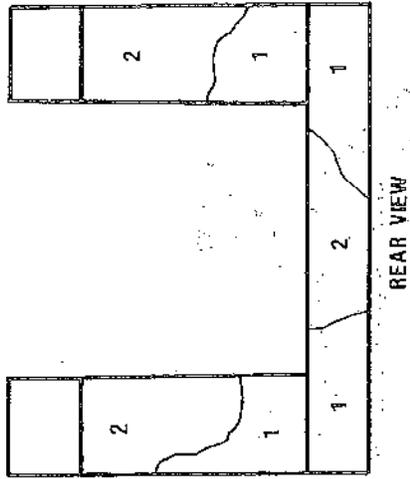
TA031702

Figure 140. Semitrailer, tank, water, 1500-gallon, 2 wheel M278. (1 of 2).



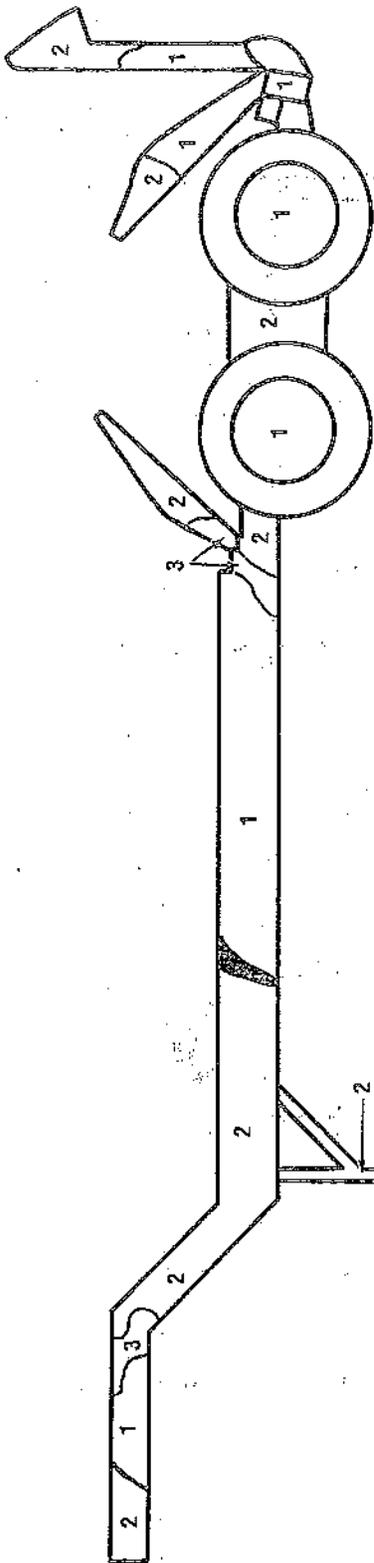
TA031703

Figure 141. Semitrailer, tank, water, 1500-gallon, 2-wheel M278. (2 of 2)

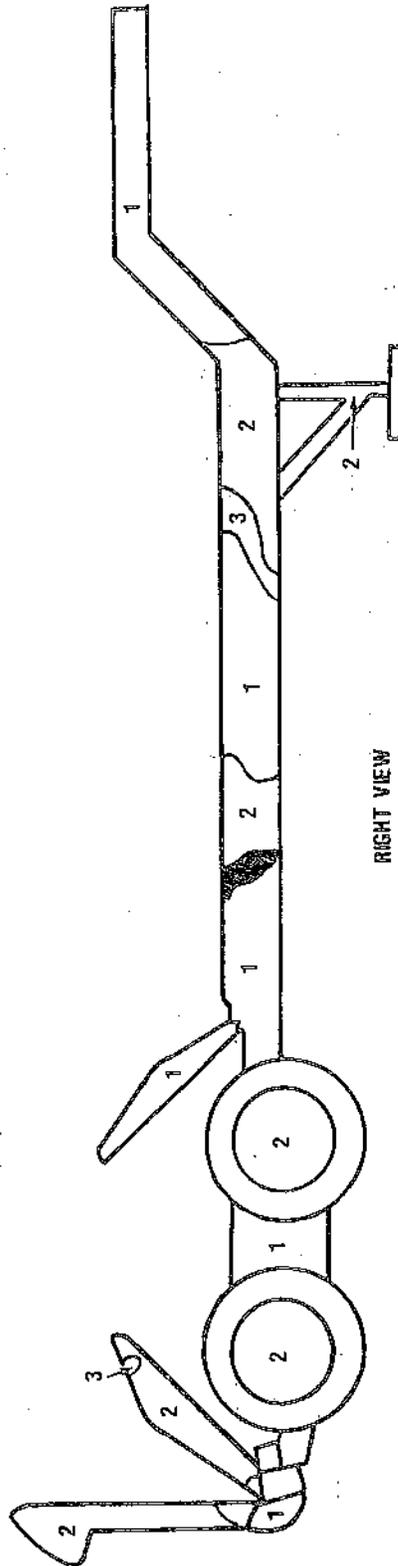


0 24 48  
INCHES  
TA031708

Figure 142. Semitrailer, tank transporter, 50-ton, 8-wheel, M15A2. (1 of 2)



LEFT VIEW



RIGHT VIEW



TA031709

Figure 143. Semitrailer, tank, transporter: 50-ton, 8-wheeled, M15A2. (2 of 2)

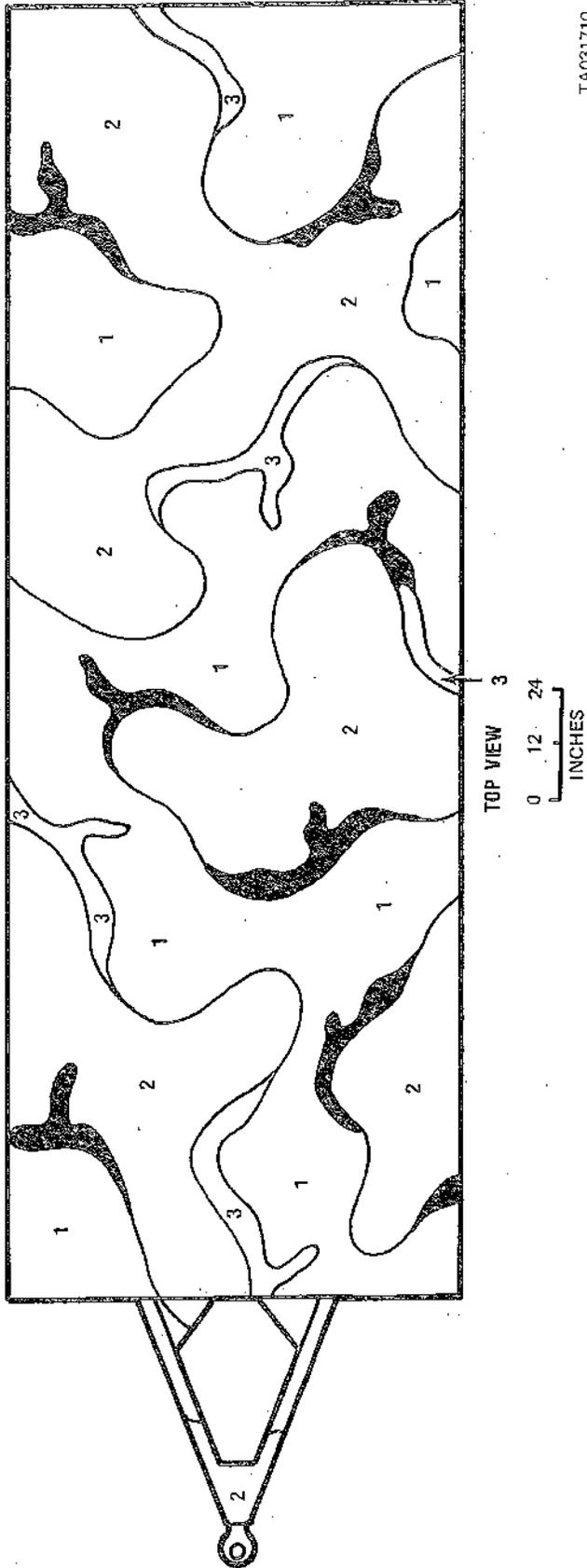
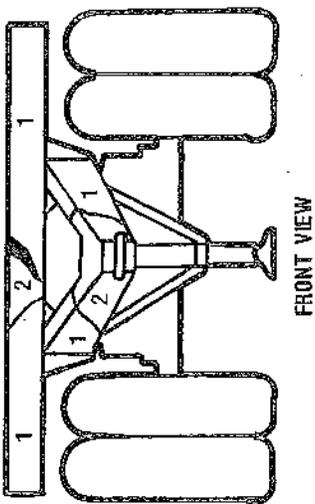
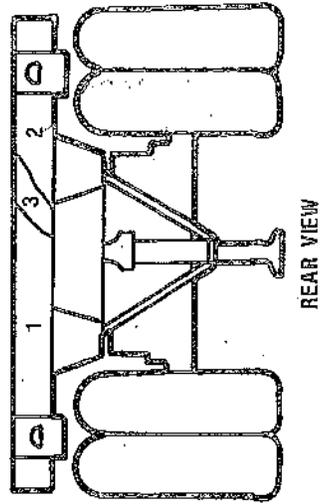
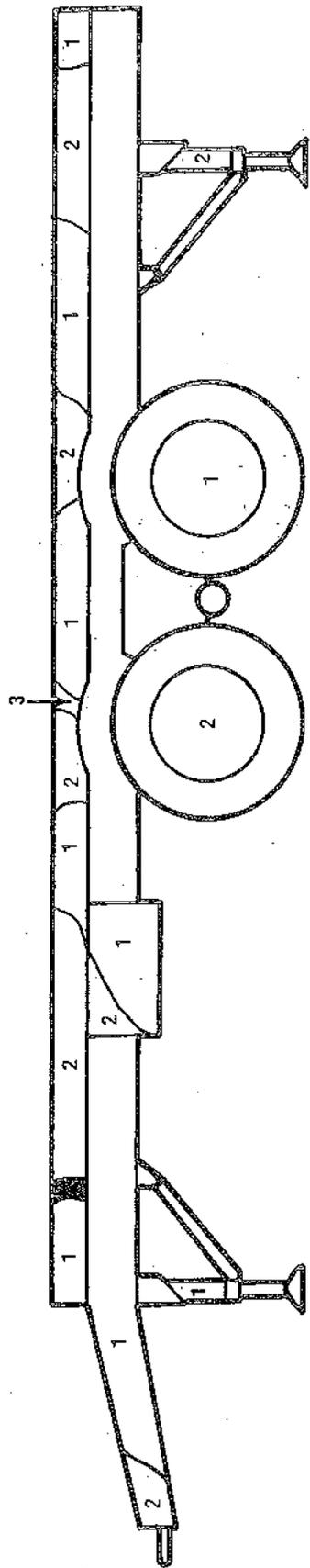
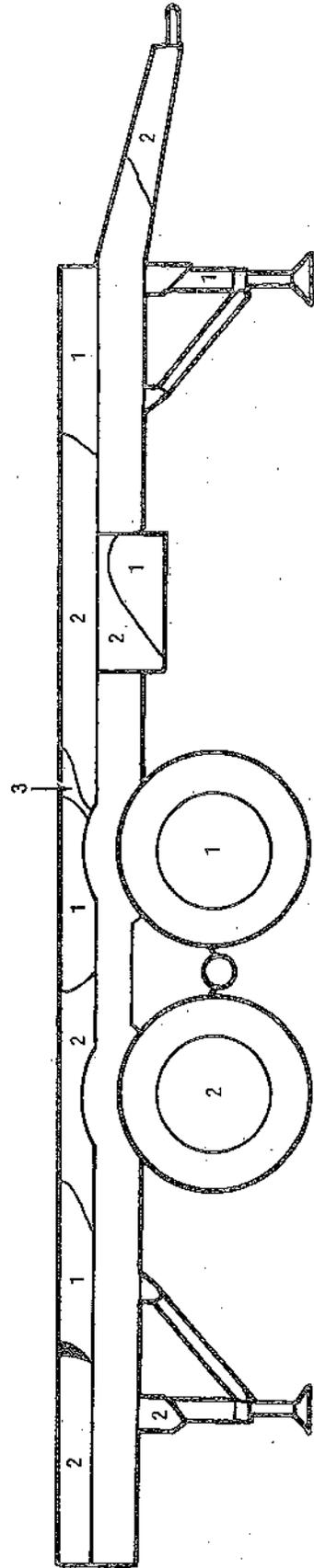


Figure 144. Trailer, flat bed: 10-ton, 4-wheel. MB45/XM861. (1 of 2)

TA031710



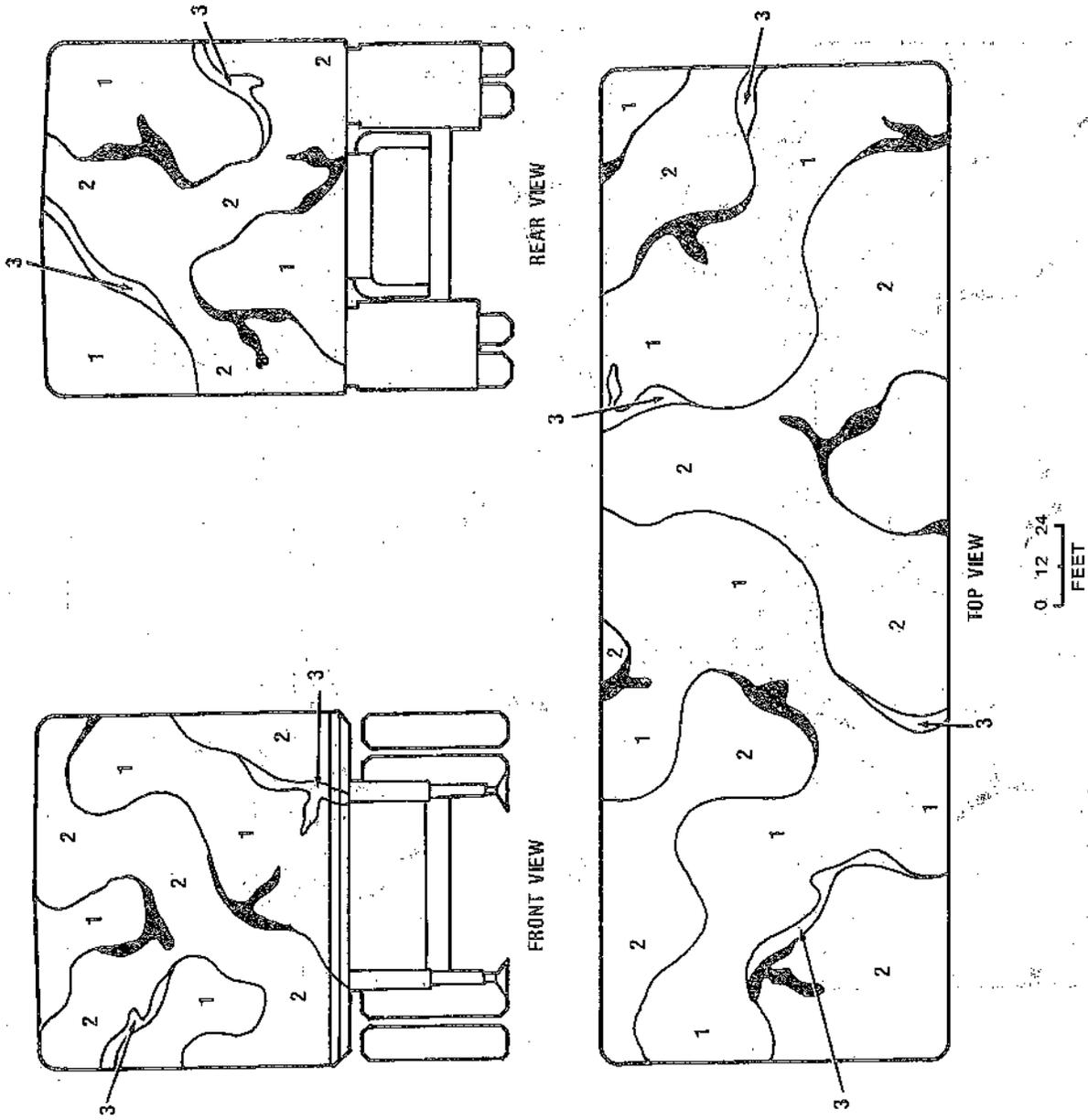
LEFT VIEW



RIGHT VIEW

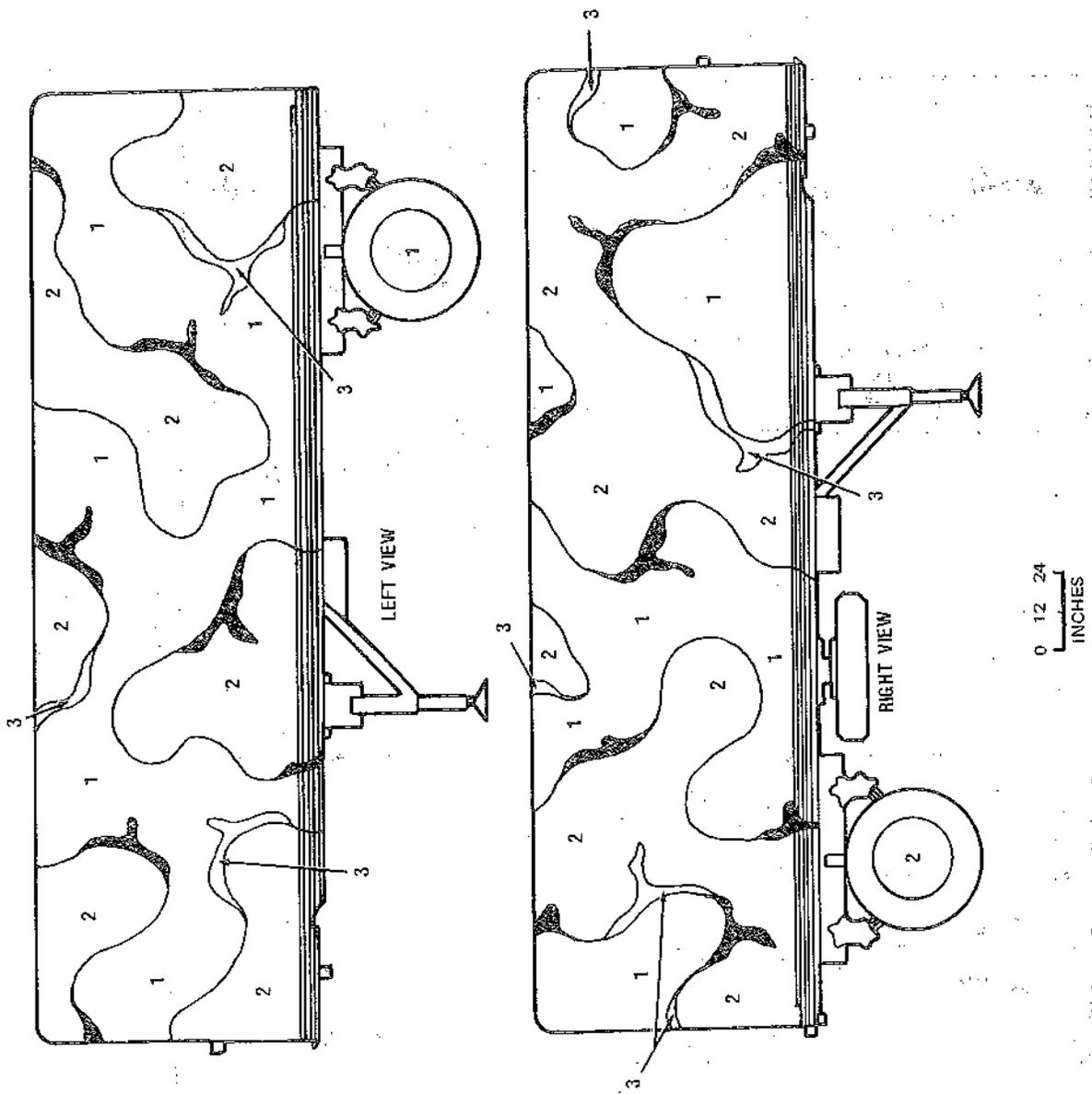
0 12 24  
INCHES

Figure 145. Trailer, flat bed: 10-ton, 4-wheel, M345/XM861. (2 of 2)



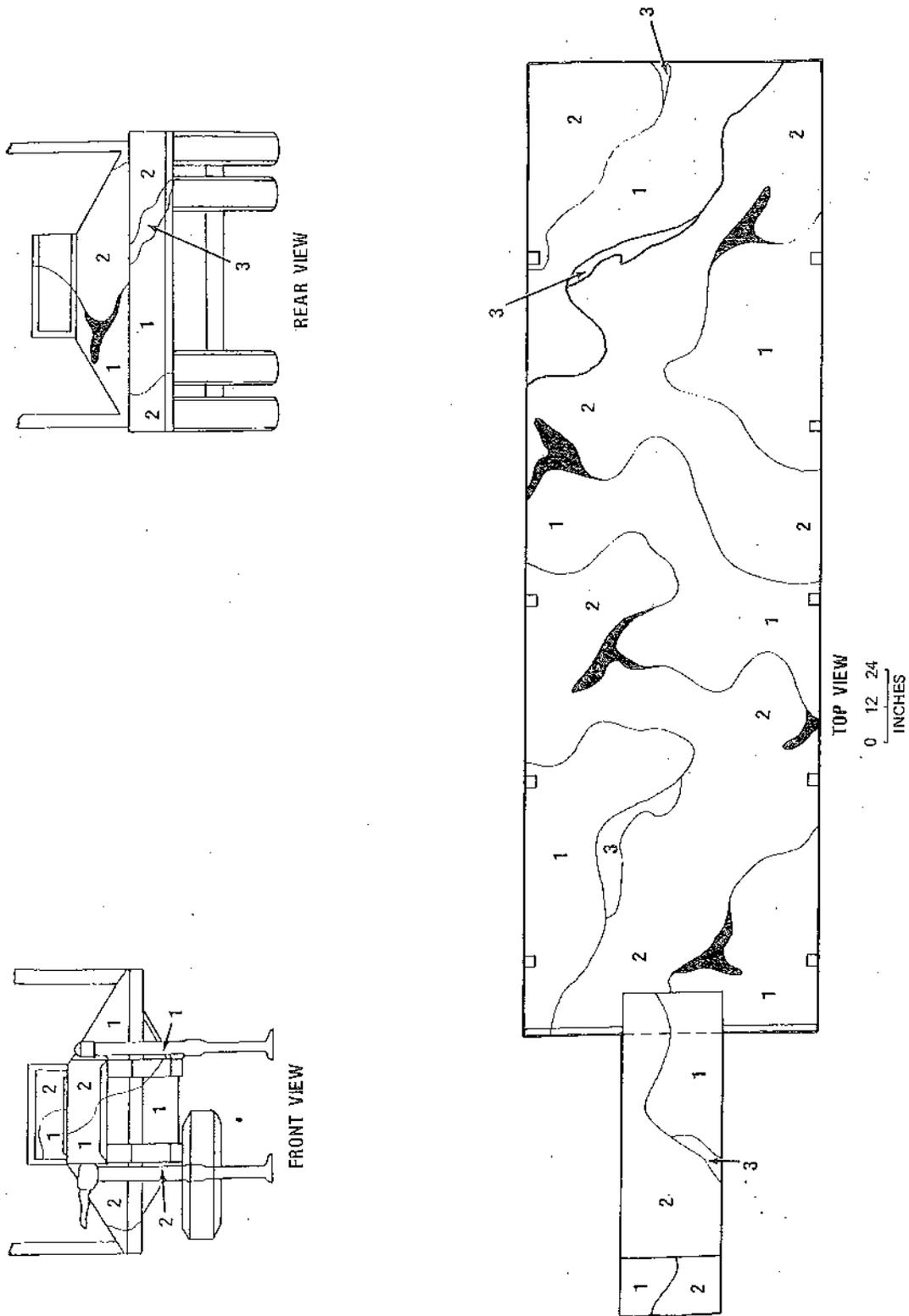
TA031732

Figure 146. Semitrailer, var, shop: 6-ton, 2-wheel M146. (1 of 2).



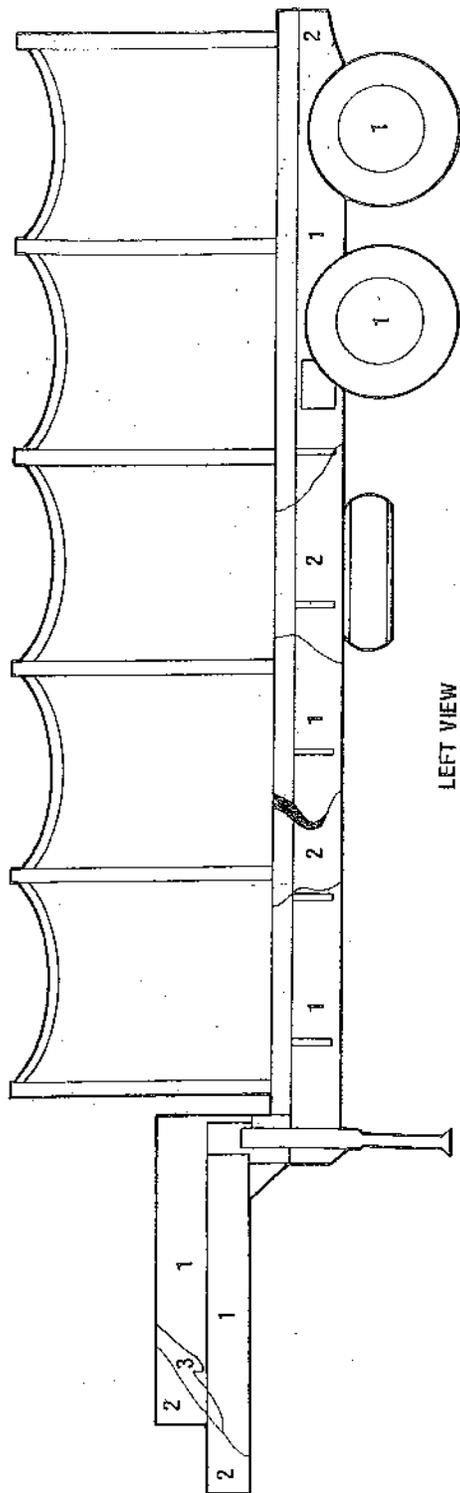
TA031733

Figure 147. Semitrailer, van, shop: 6-ton, 2-wheel MI46. (2 of 2)

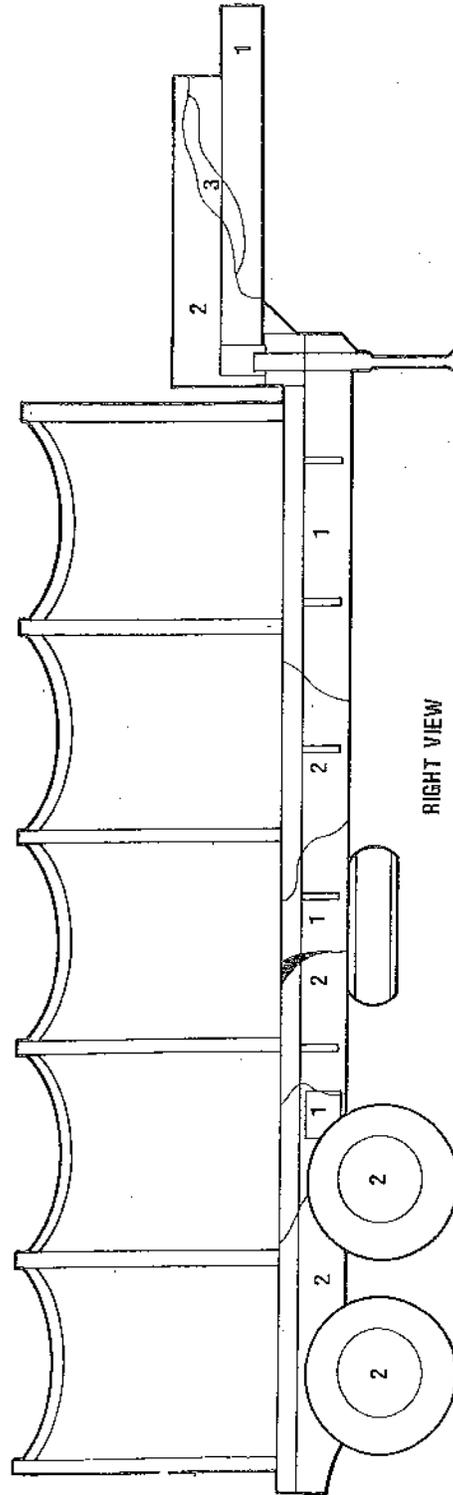


TA031801

Figure 148. Semitrailer, low bed: wrecker, 12-ton, 4-wheel M269/M270. (1 of 2)



LEFT VIEW

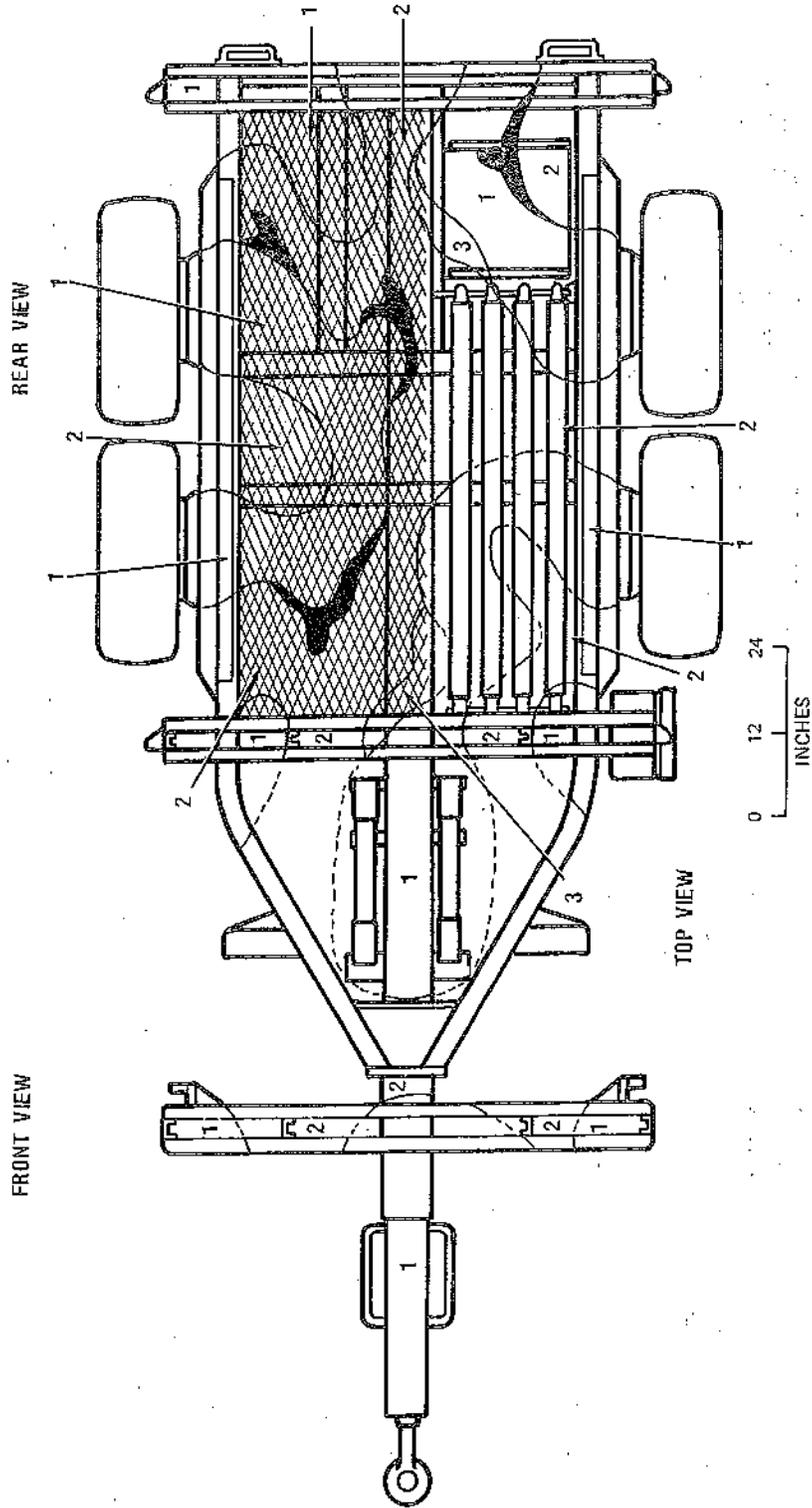
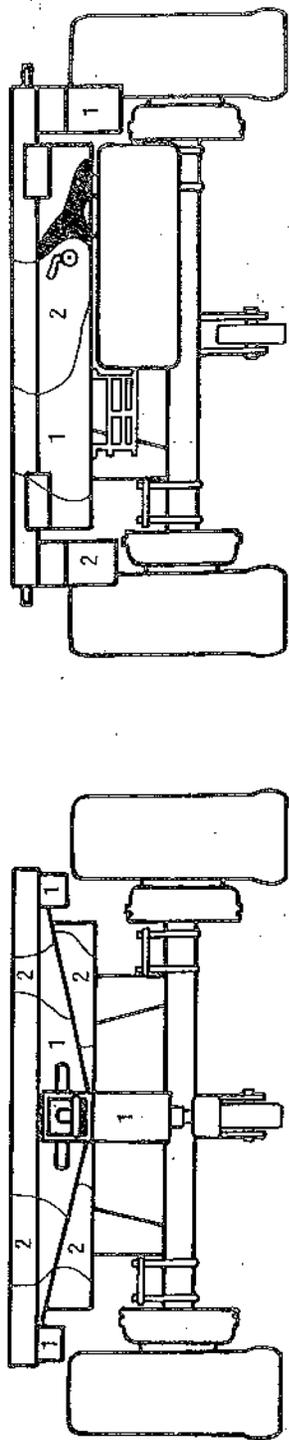


RIGHT VIEW

0 12 24  
INCHES

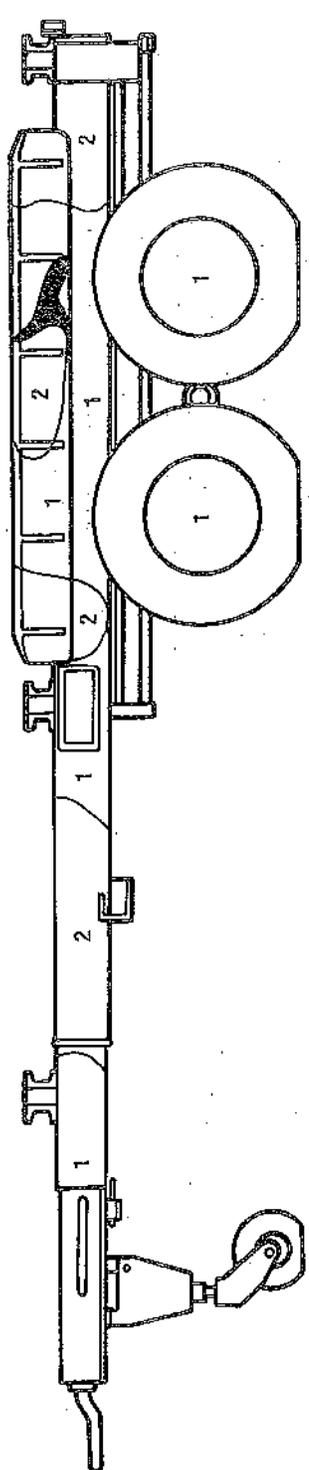
TA031802

Figure 149. Semitrailer, low bed; wrecker, 12-ton, 4-wheel M269/M270. (2 of 2)

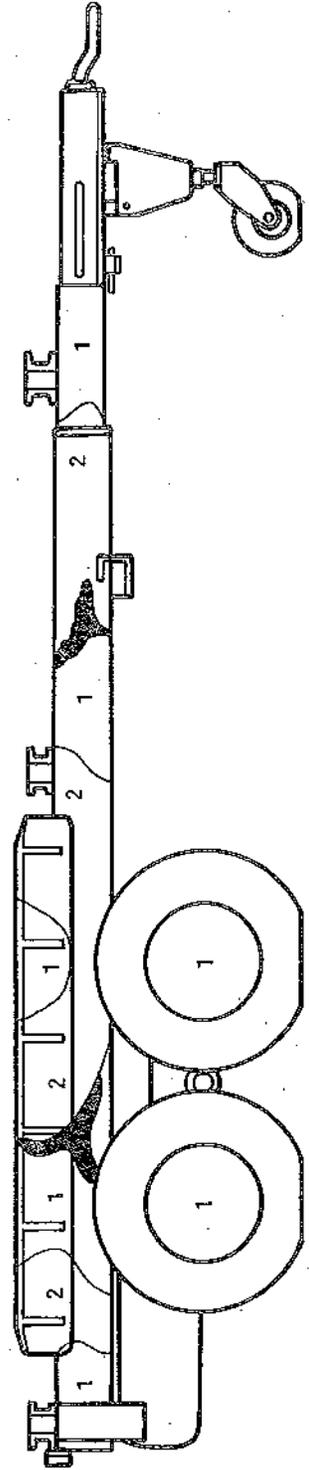


TA031753

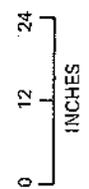
Figure 150. Trailer, bolster: 4-ton, 4-wheel, general purpose, M796. (1 of 2)



LEFT VIEW

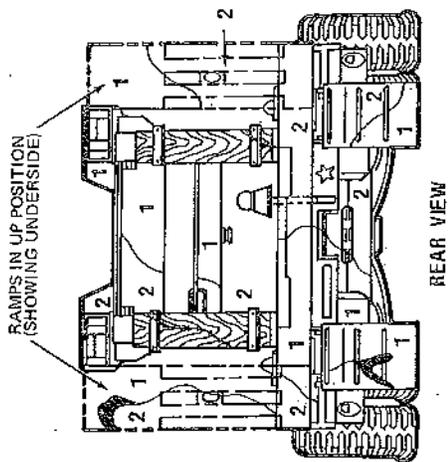


RIGHT VIEW

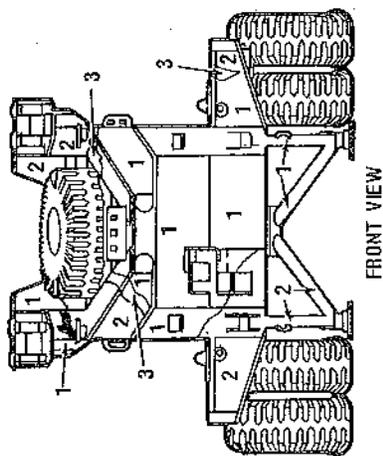


TA031754

Figure 151. Trailer, bolster: 4-ton, 4-wheel, general purpose, M796. (2 of 2)

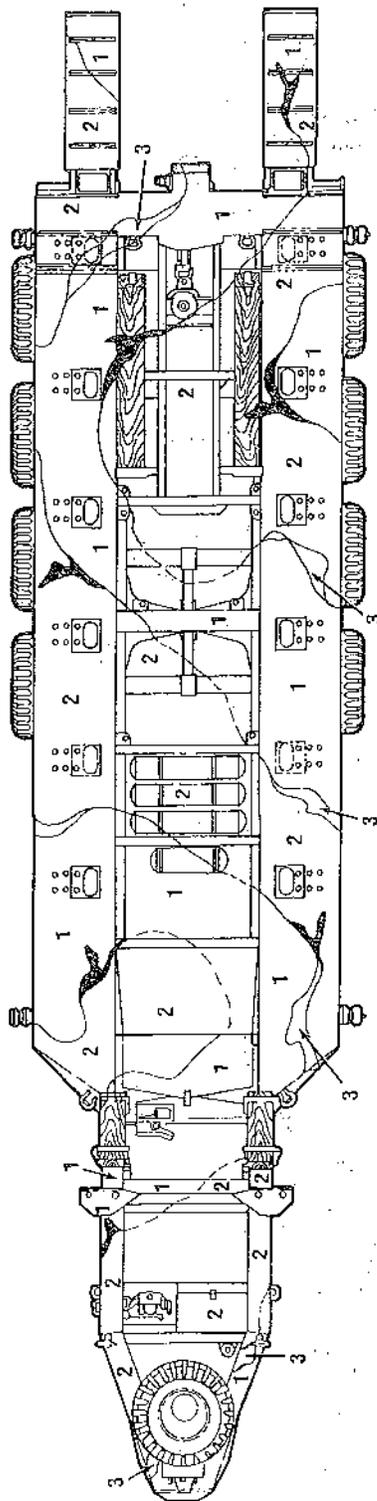


REAR VIEW



FRONT VIEW

0 12 24  
INCHES

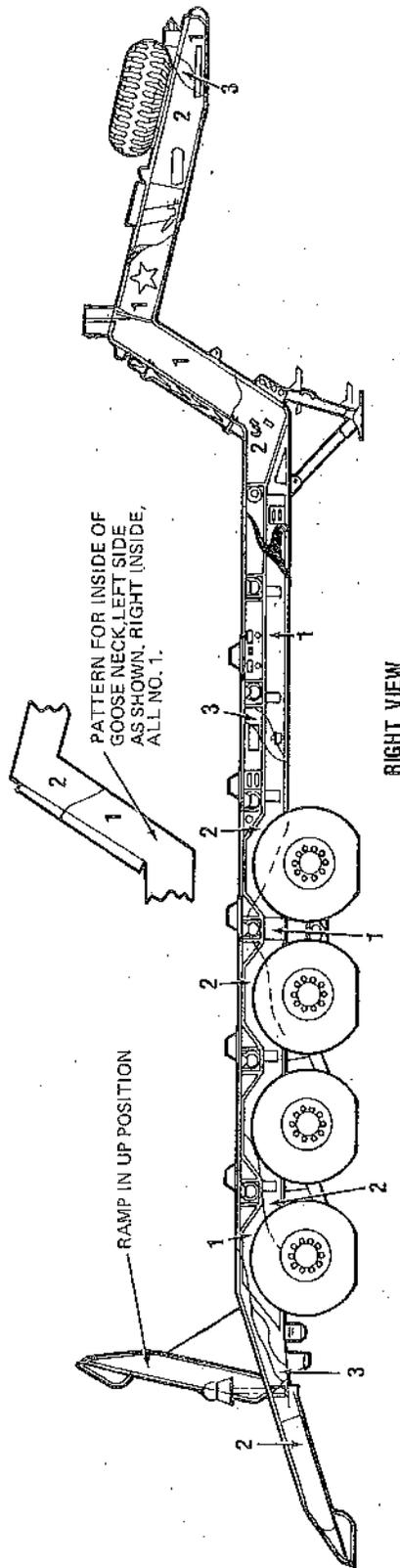
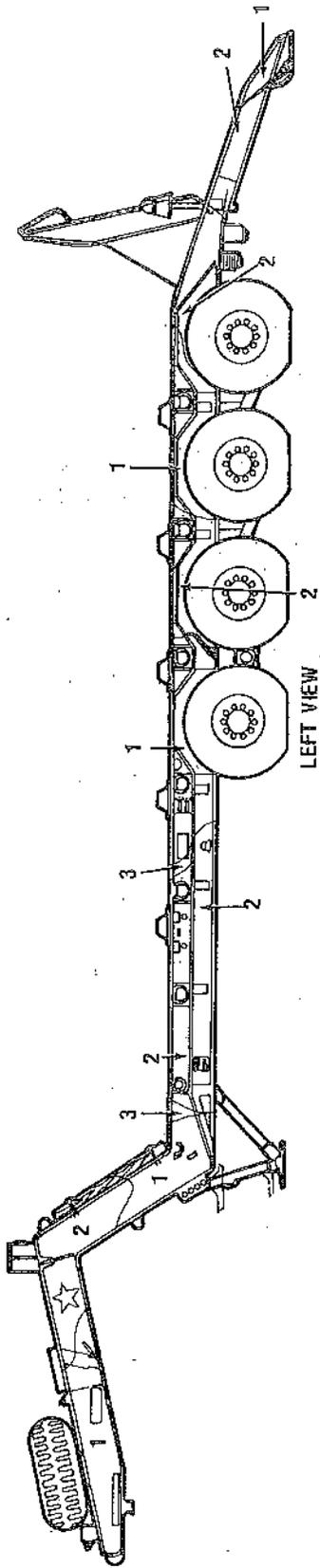


0 12 24  
INCHES

TOP VIEW

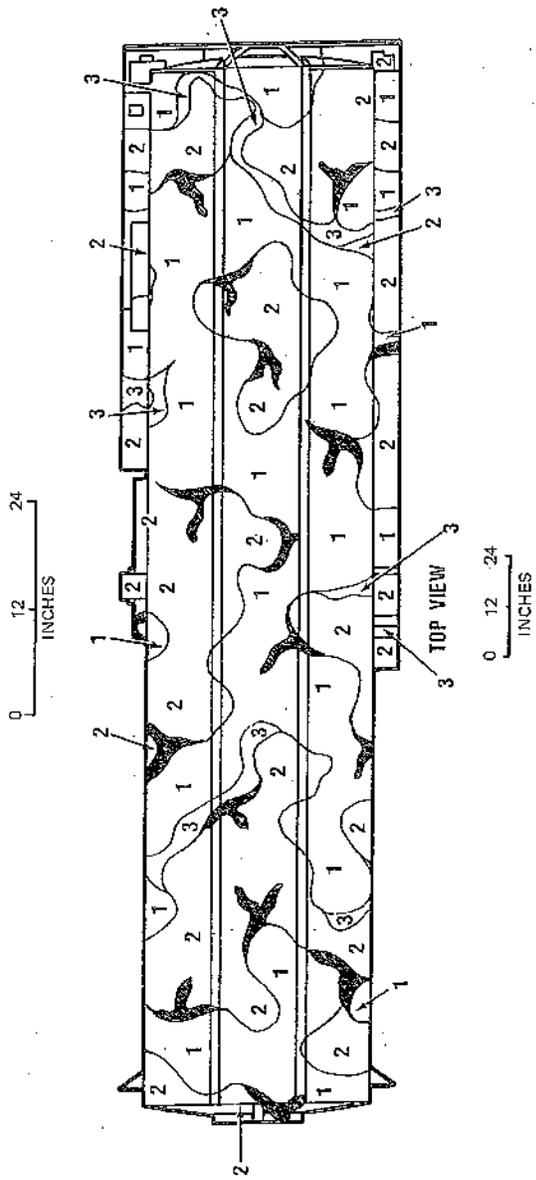
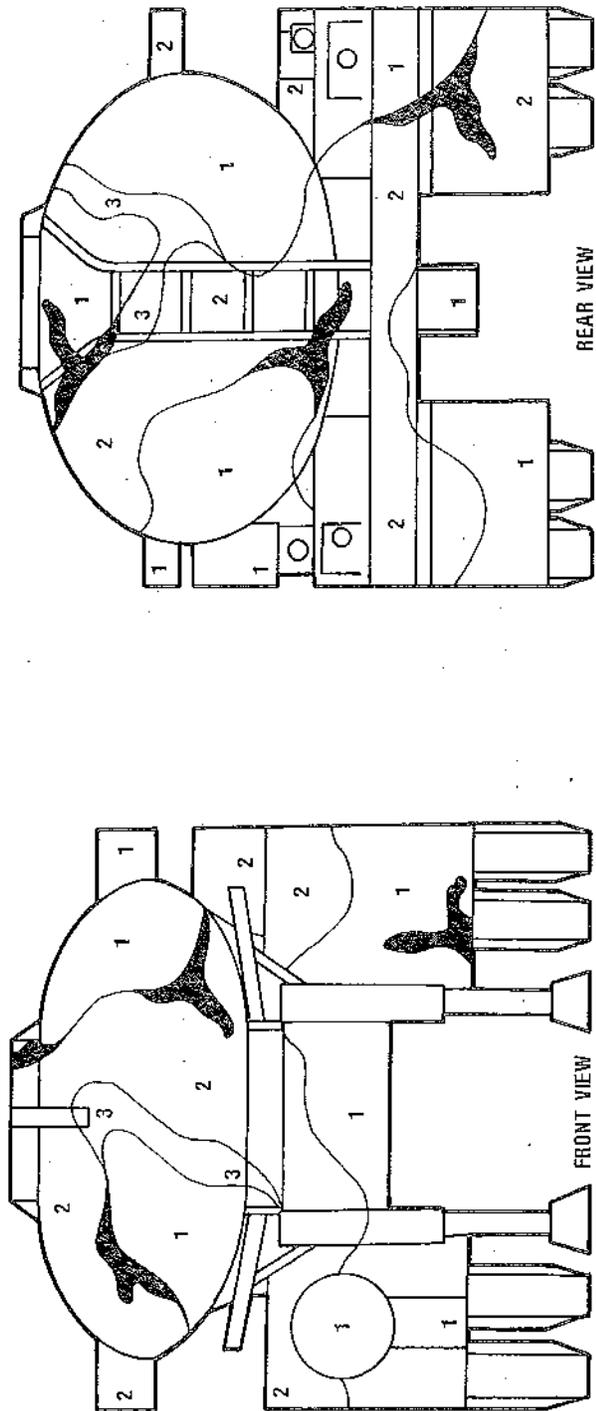
TA031698

Figure 152. Semitrailer, low bed, heavy equipment, transporter: 60-ton M747. (1 of 2)



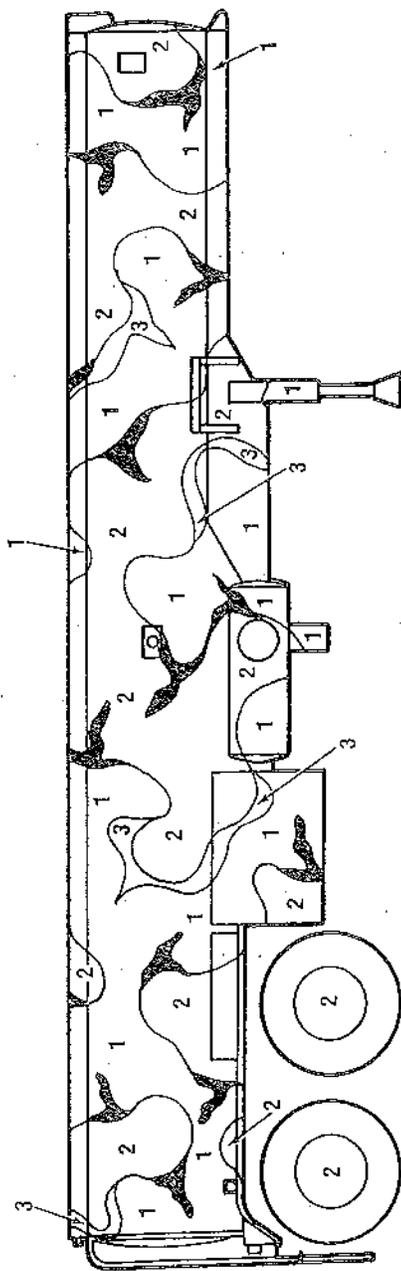
TA031699

Figure 153. Semitrailer, low bed, heavy equipment, transporter: 60-ton M747. (2 of 2)

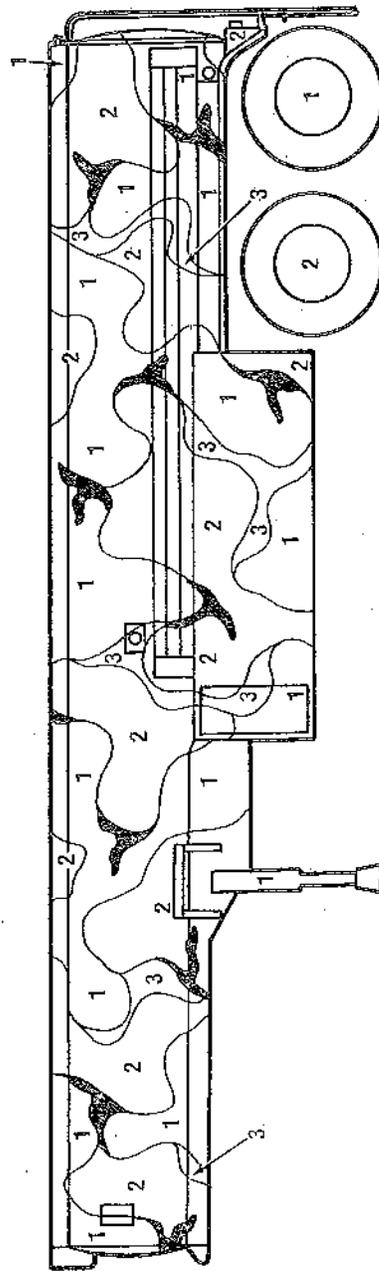


TA031759

Figure 154. Semitrailer, tank: fuel servicing, 5000-gallon, 4-wheel M131A5C. (1 of 2)



RIGHT VIEW



LEFT VIEW

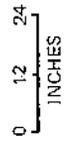
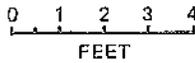
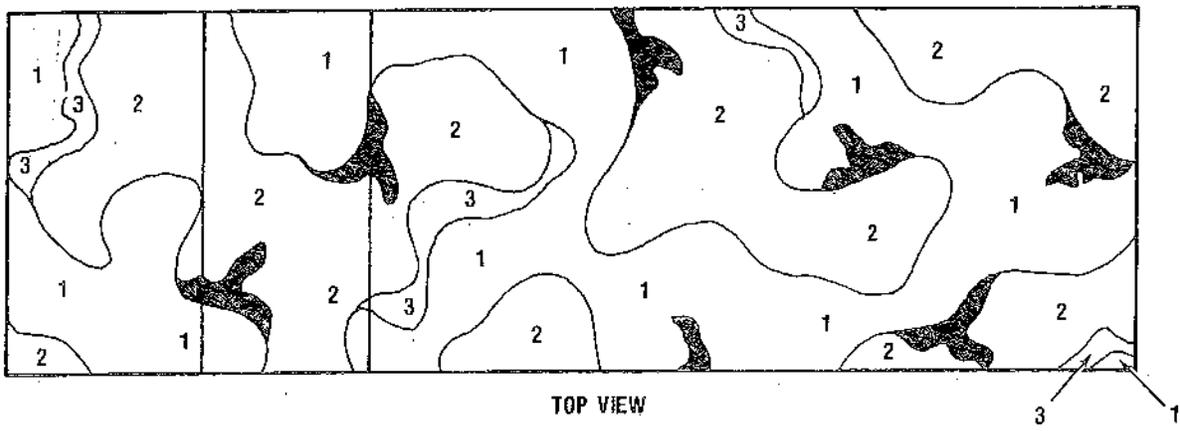
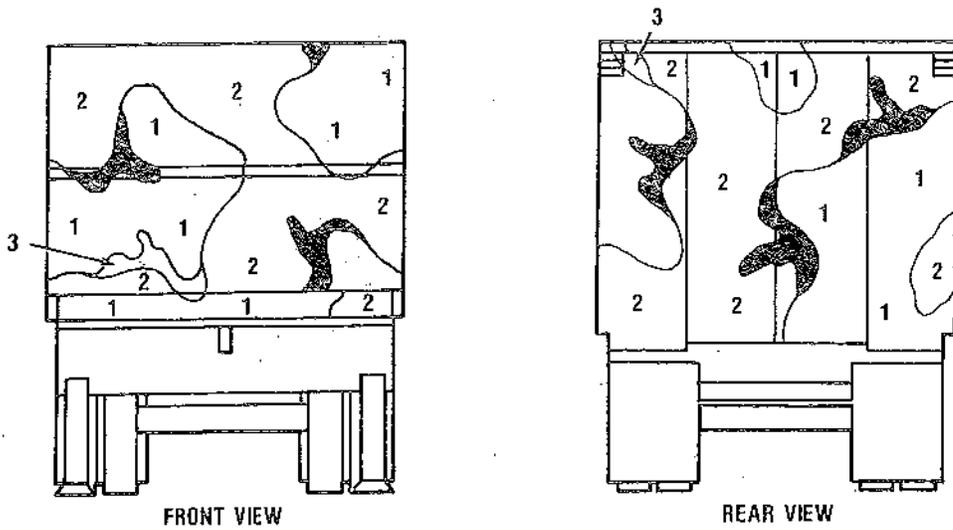
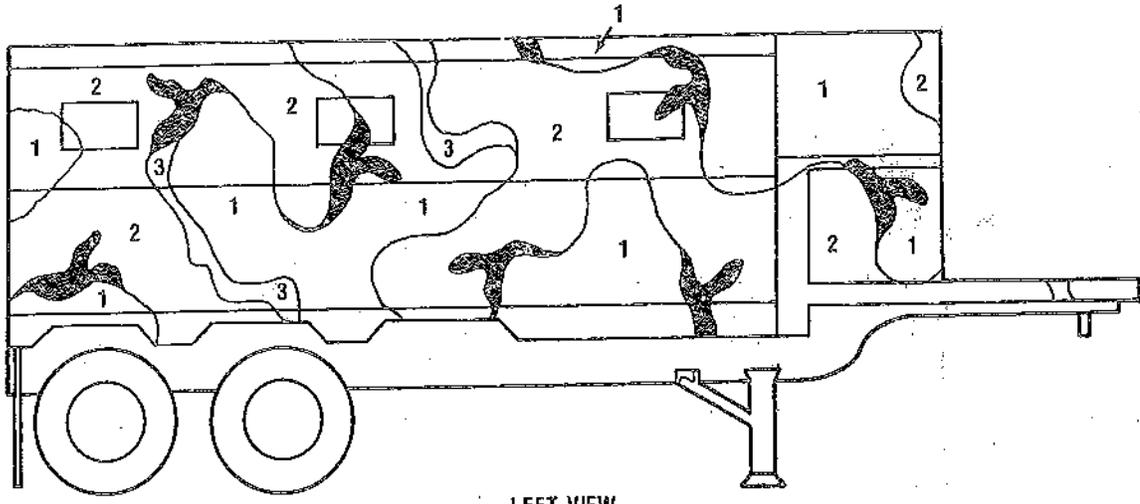


Figure 155. Semitrailer, tank: fuel servicing, 5000-gallon, 4-wheel M131A5C. (2 of 2)

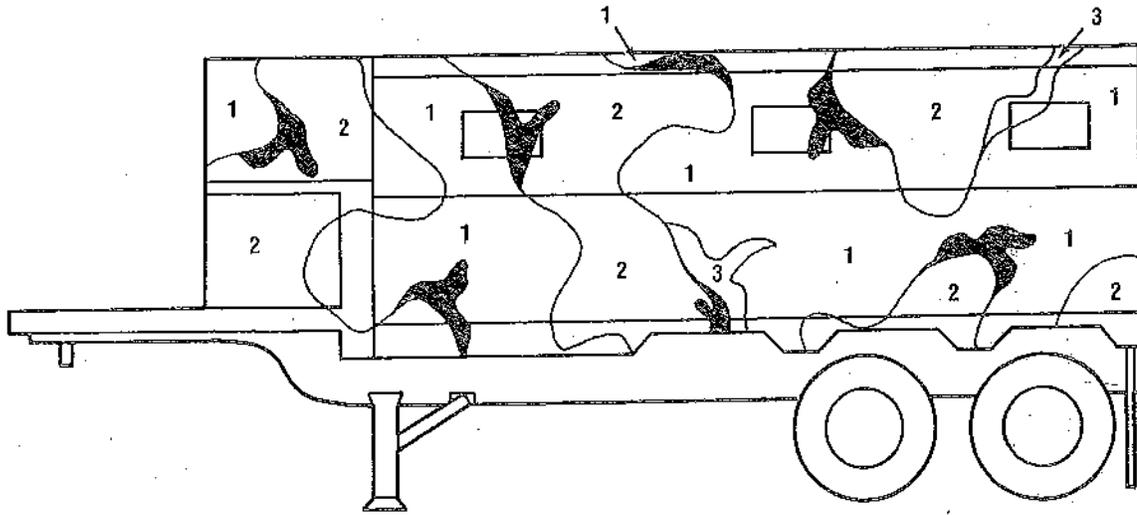


TA031818

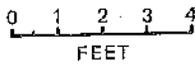
Figure 156. Chassis, semitrailer: 6-ton, 4-wheel, M295A1. (1 of 2)



LEFT VIEW

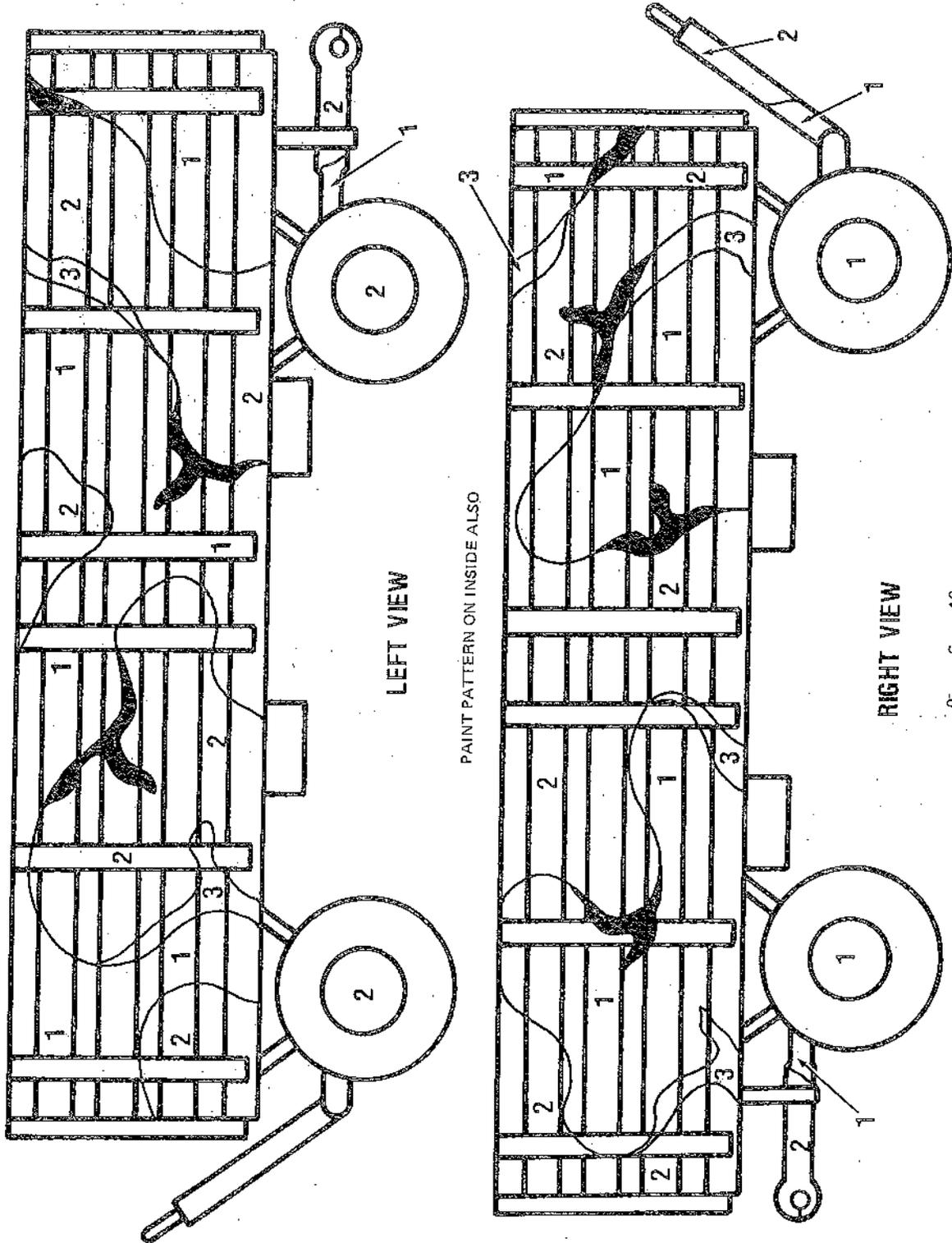


RIGHT VIEW



TA031817

Figure 157. Chassis. semitrailer: 6-ton, 4-wheel, M295A1. (2 of 2)



TA031775

Figure 158. Trailer, stake: 4-wheel 2 1/2-ton. (1 of 2)

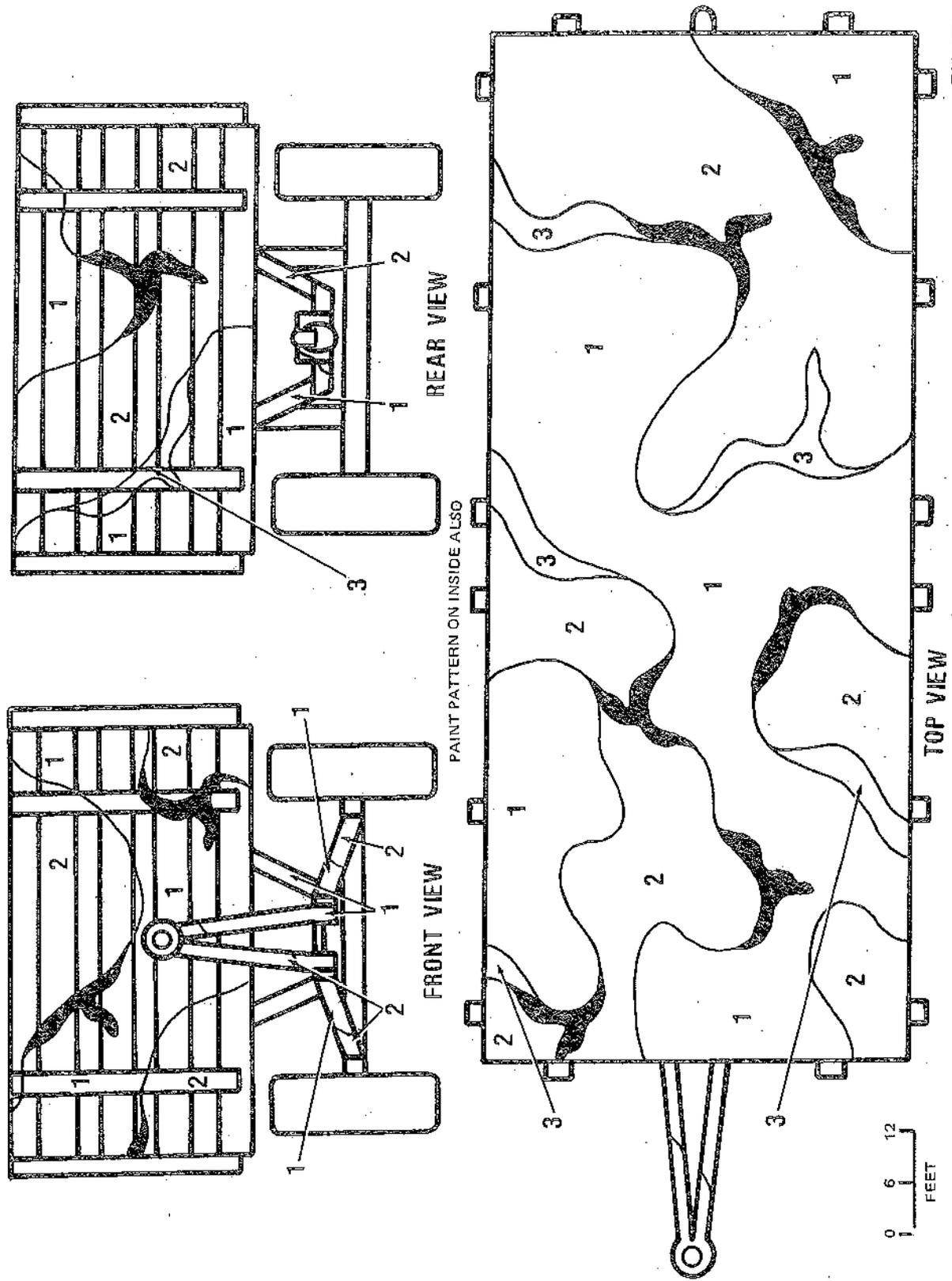
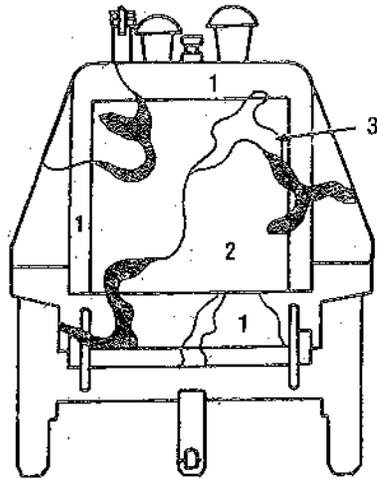
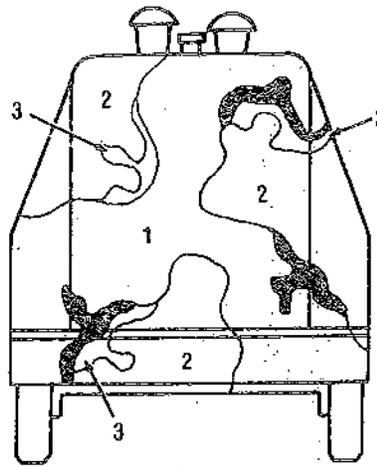


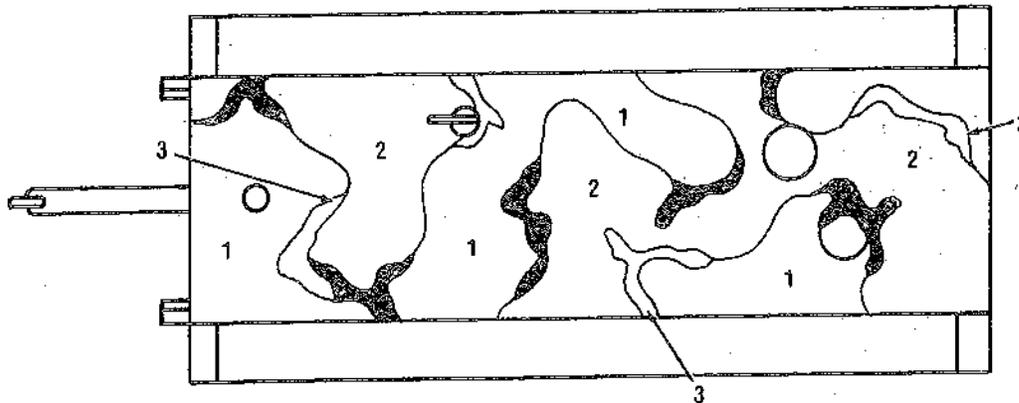
Figure 159. Trailer, stake: 4-wheel 2 1/2-ton. (2 of 2)



FRONT VIEW



REAR VIEW

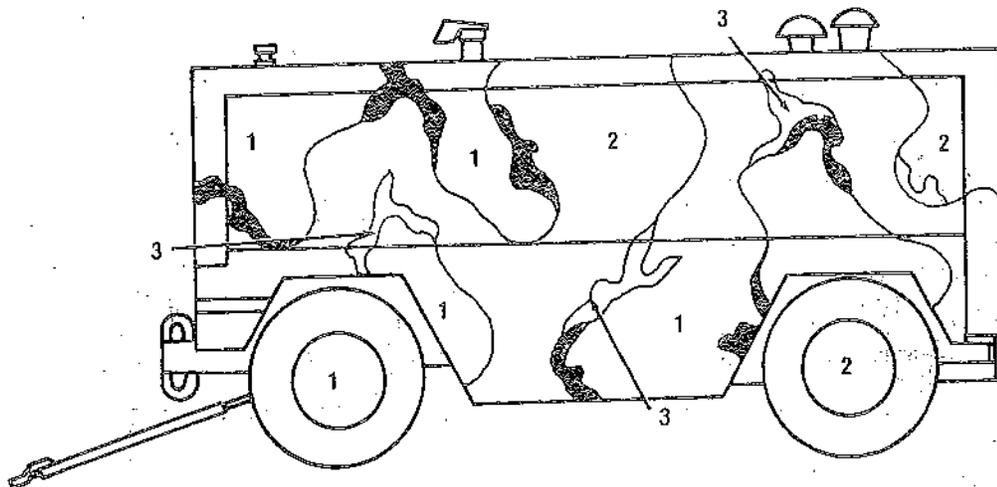


TOP VIEW

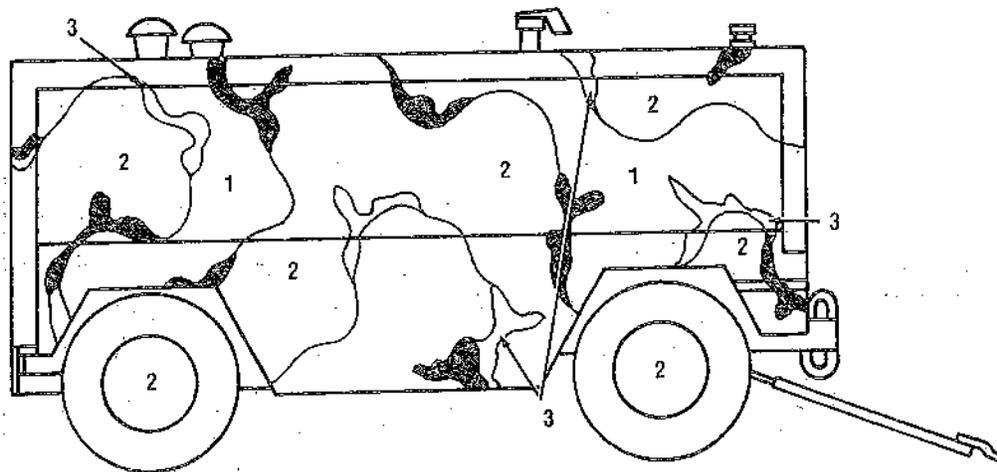
0 10 20  
INCHES

TA031821

Figure 160. Compressor, air: 600-CFM, MIL-C-555. (1 of 2)



LEFT VIEW

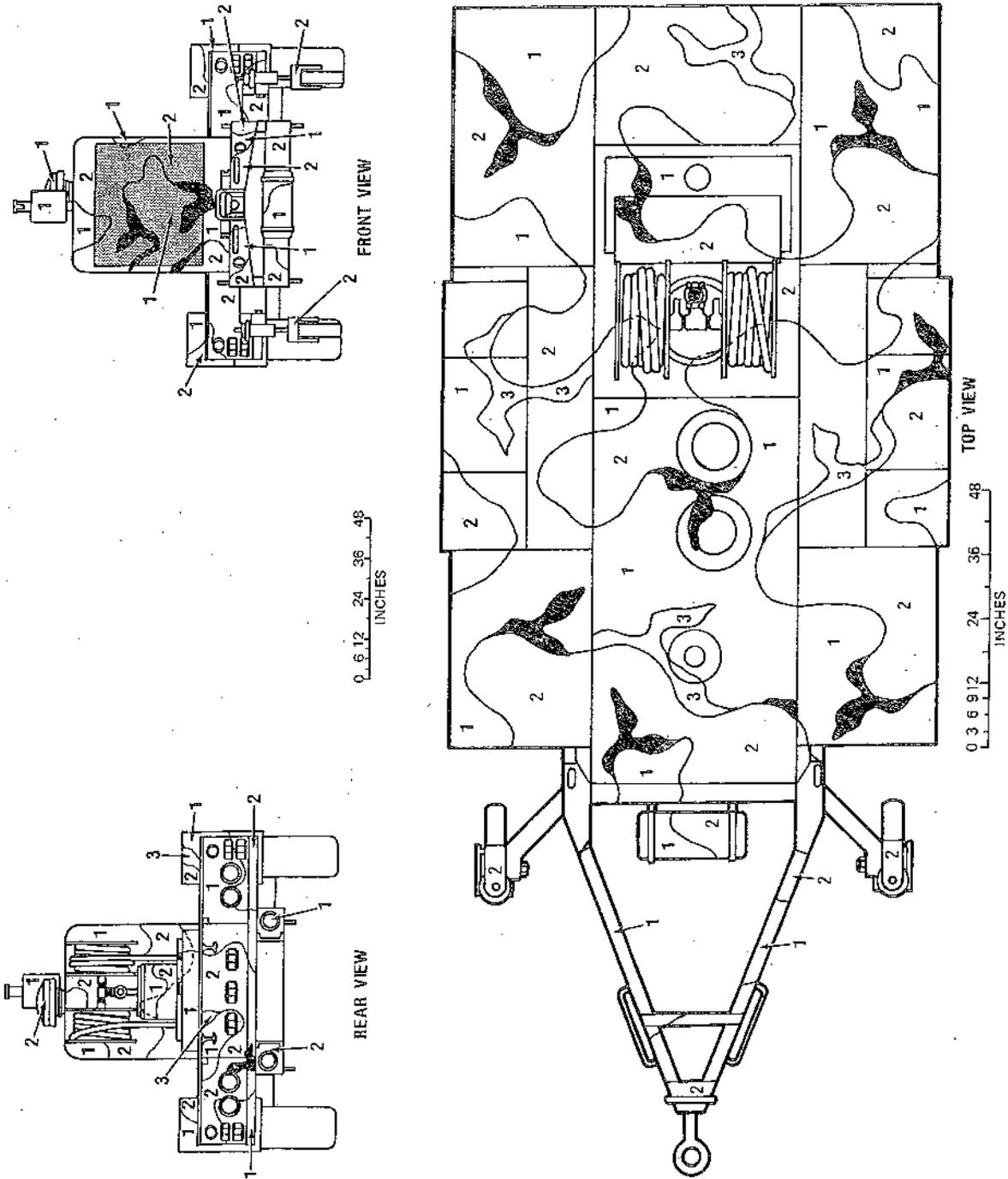


RIGHT VIEW

0 10 20  
 INCHES

TA031822

Figure 161. Compressor, air: 600-CFM, MIL-C-555. (2 of 2)



TAD31769

Figure 162. Compressor: 150-CFM (1 of 2).

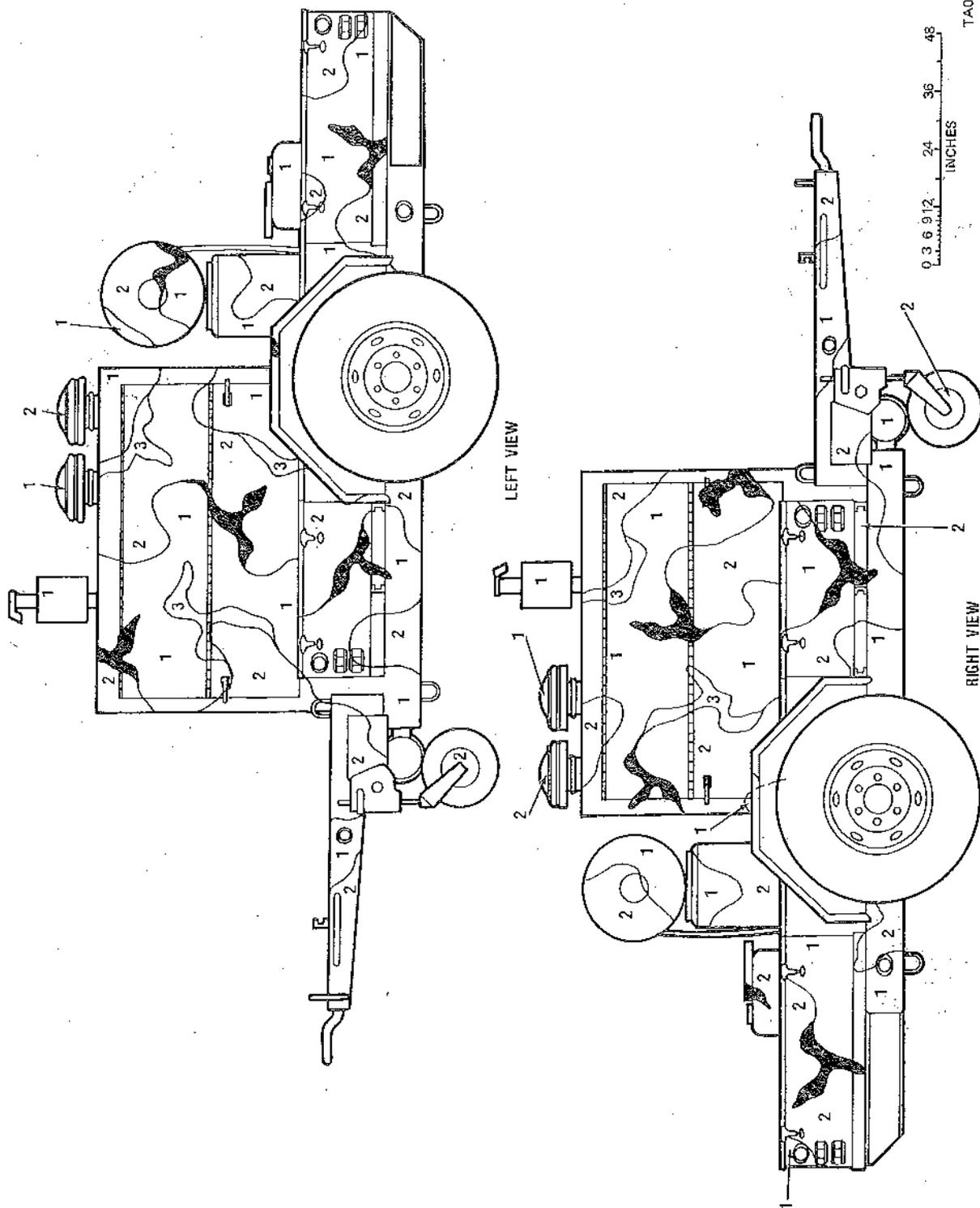
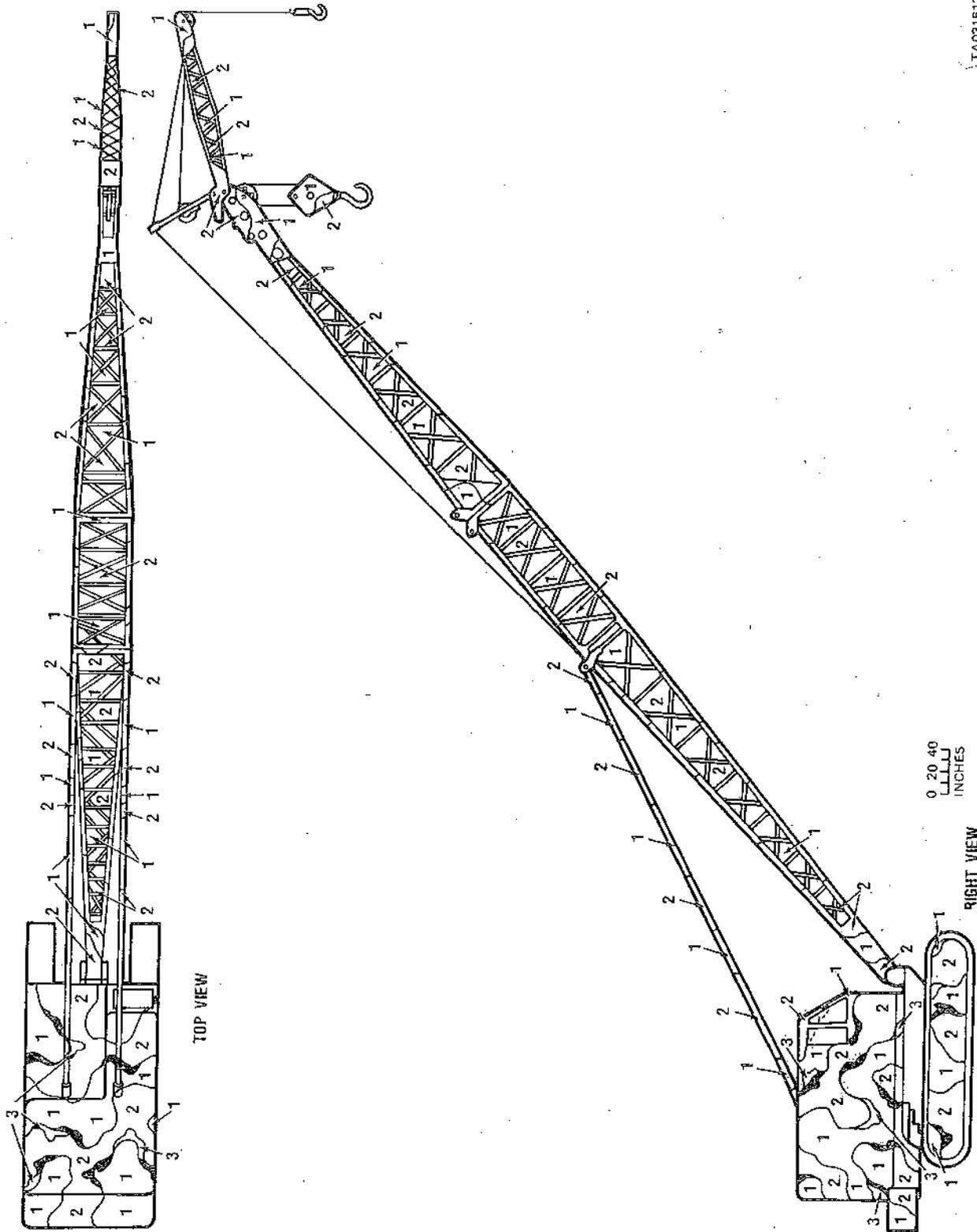
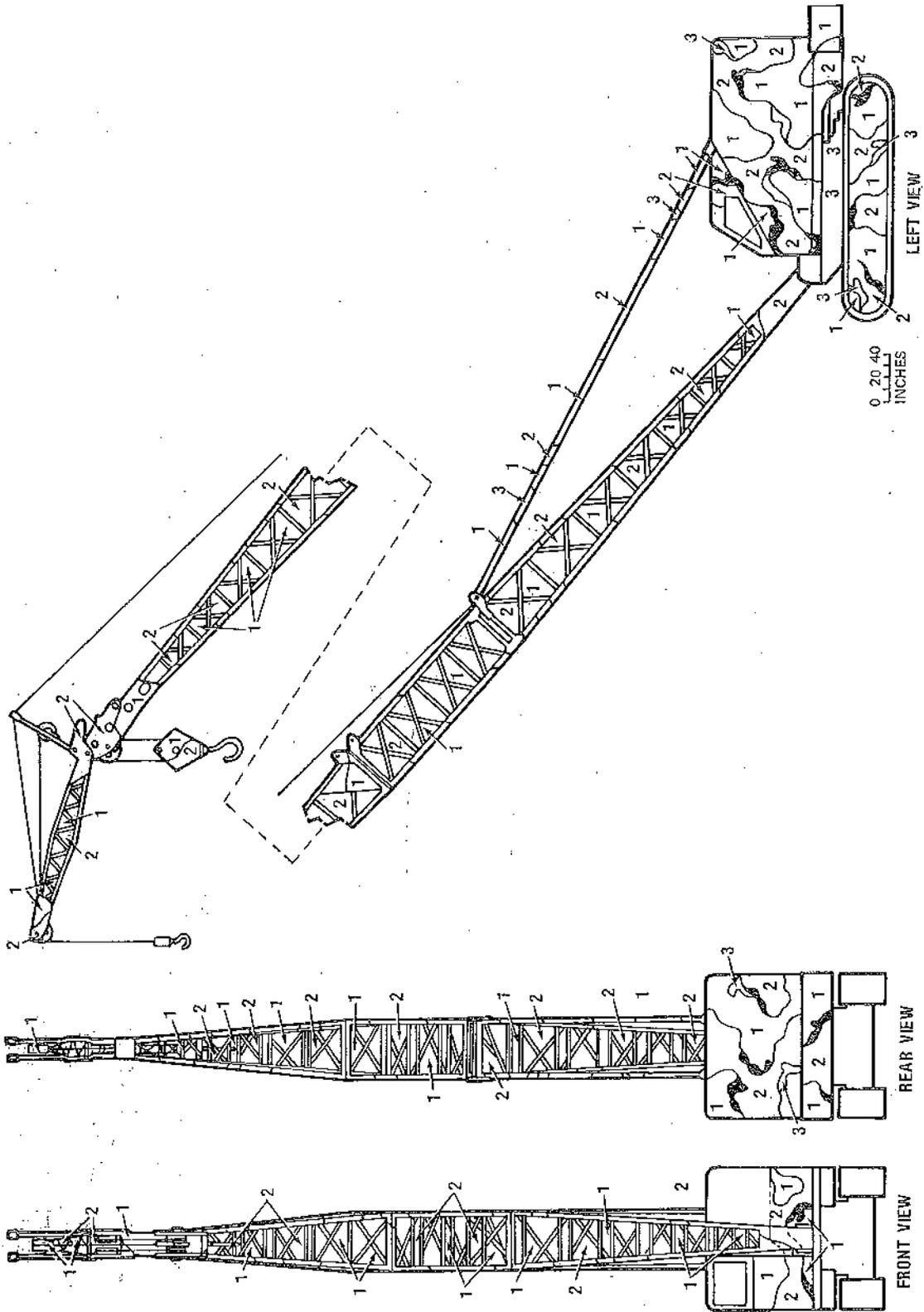


Figure 163. Compressor: 250-CFM. (2 of 2)



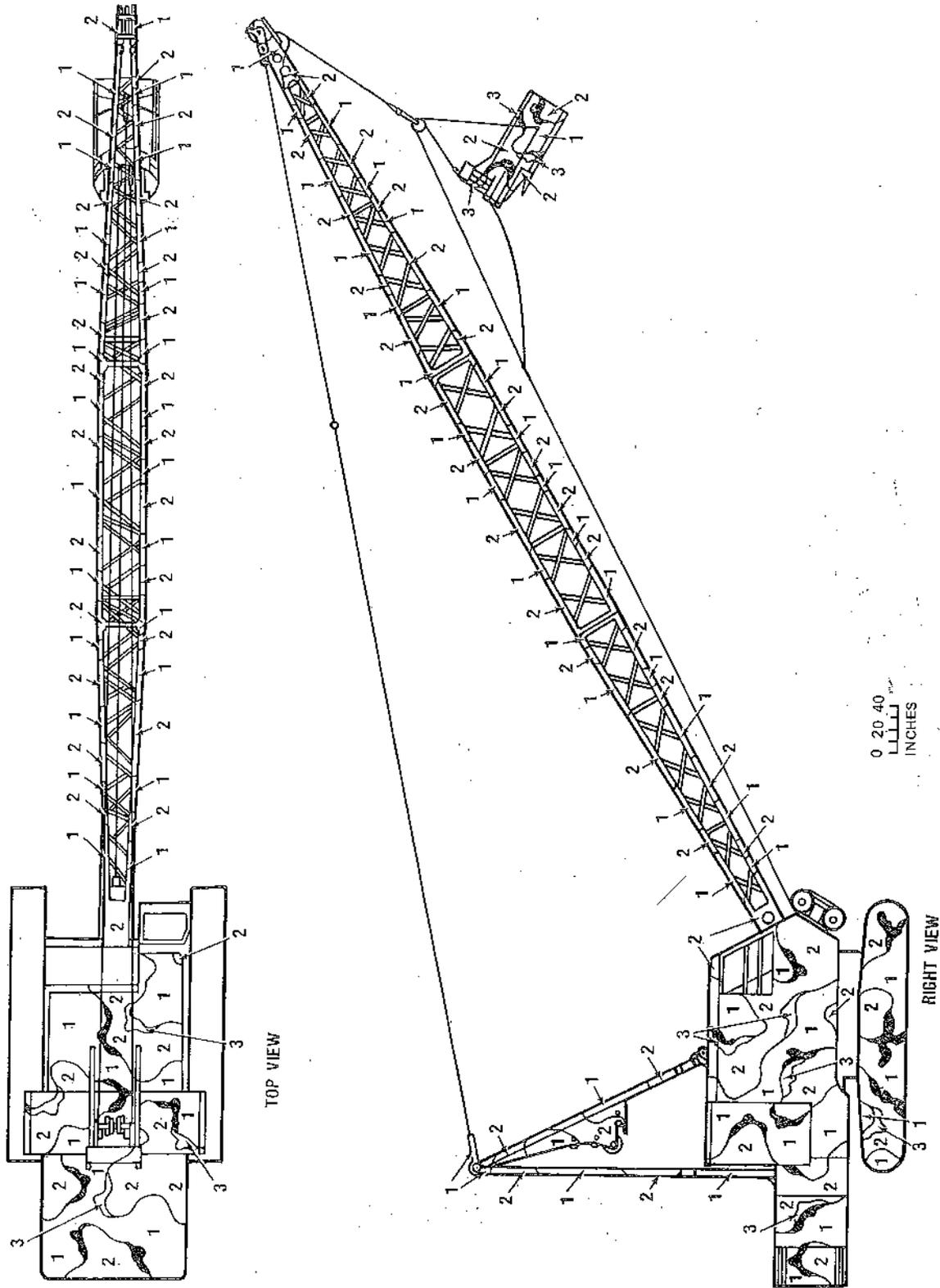
TA031612

Figure 164. Crane, Shovel, crawler mounted, 40-ton, MIL-C-52648. (1 of 2)



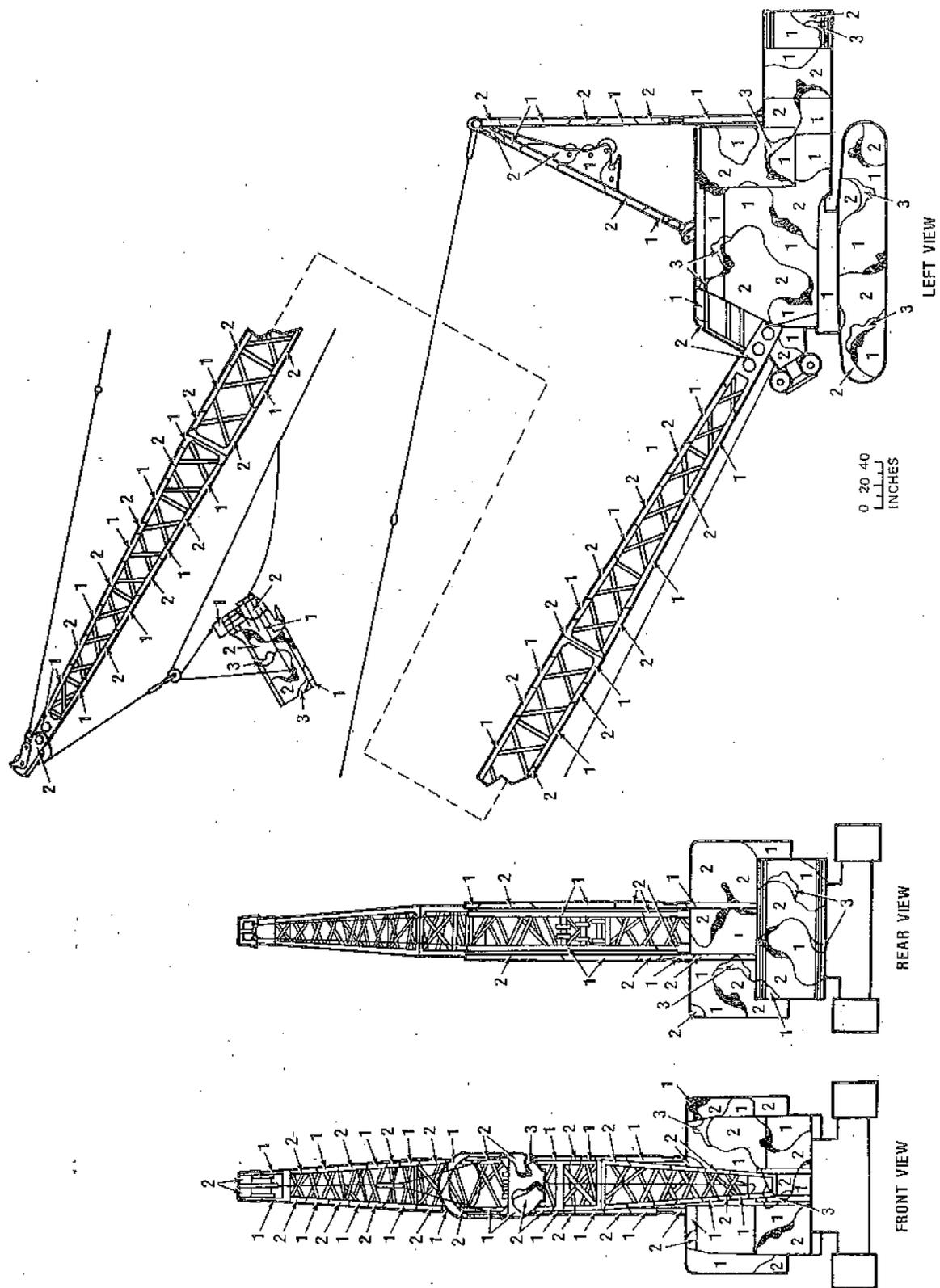
TA031613

Figure 165. Crane, shovel, crawler mounted, 40-ton, MIL-C-52648. (2 of 2)



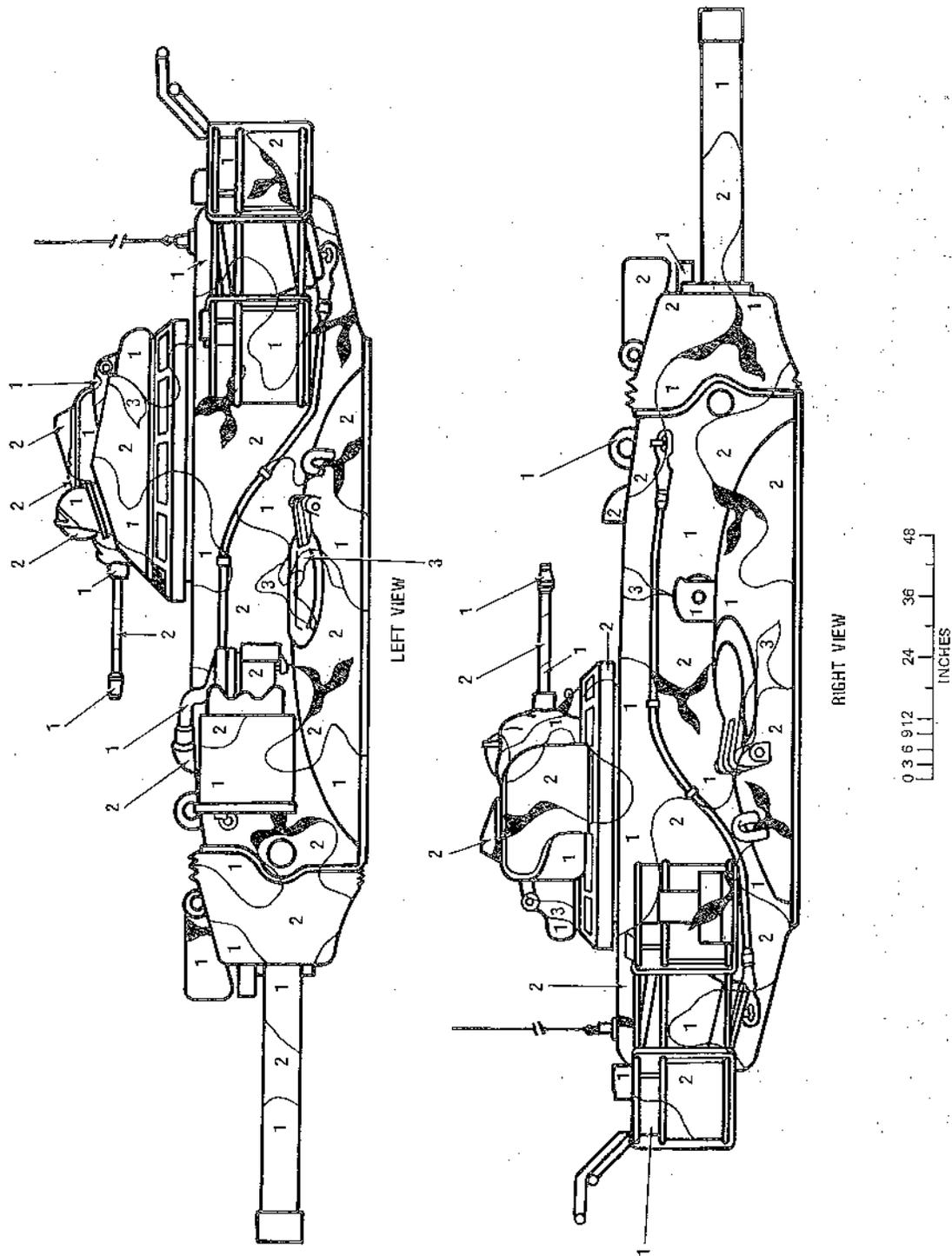
TA031614

Figure 166. Crane, crawler, mounted, 60-ton, MIL-C-52326. (1 of 2)



TA031615

Figure 167. Crane, crawler, mounted, 60-ton, MIL-C-52326. (2 of 2)



TA031649

Figure 83. Tank, combat, full-tracked: 152-MM gun/launcher M60A2. (2 of 2)

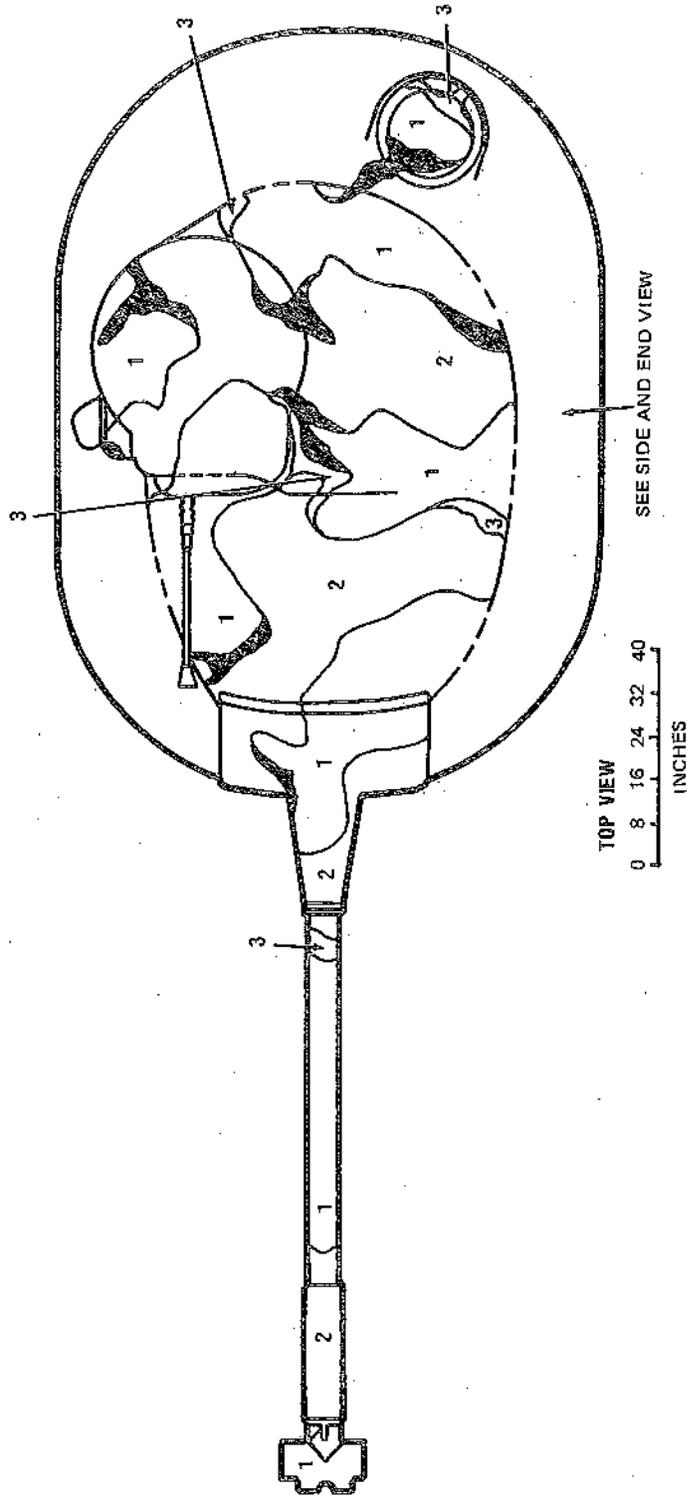
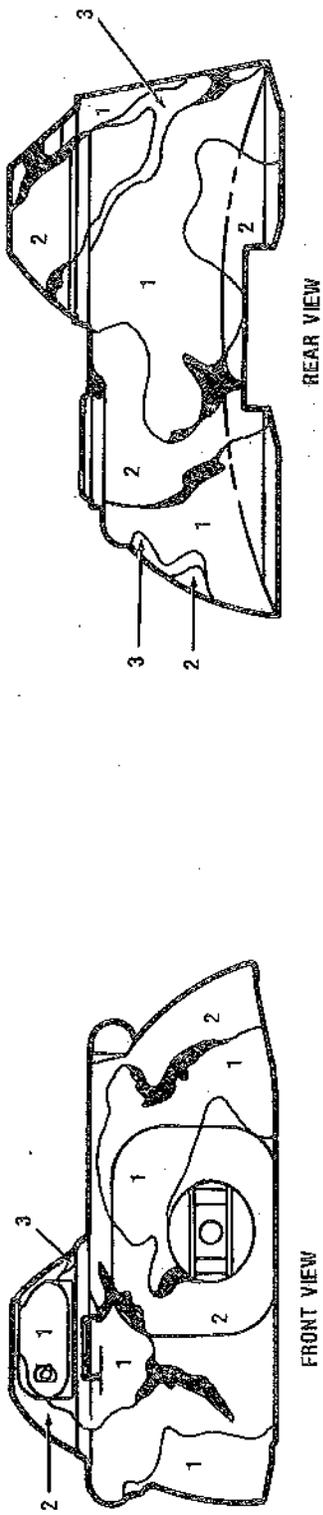


Figure 84. Tank, combat, full-tracked: 90-MM gun M48A1. (1 of 2)

TA031730

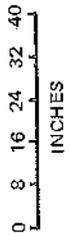
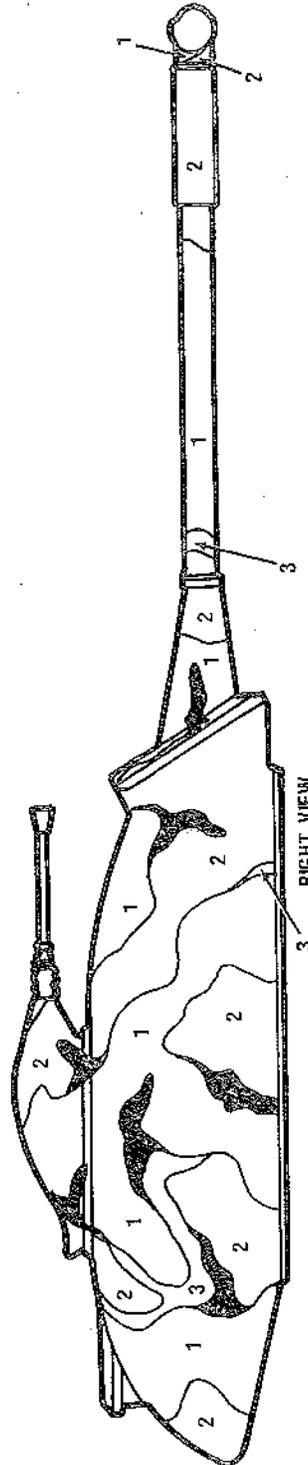
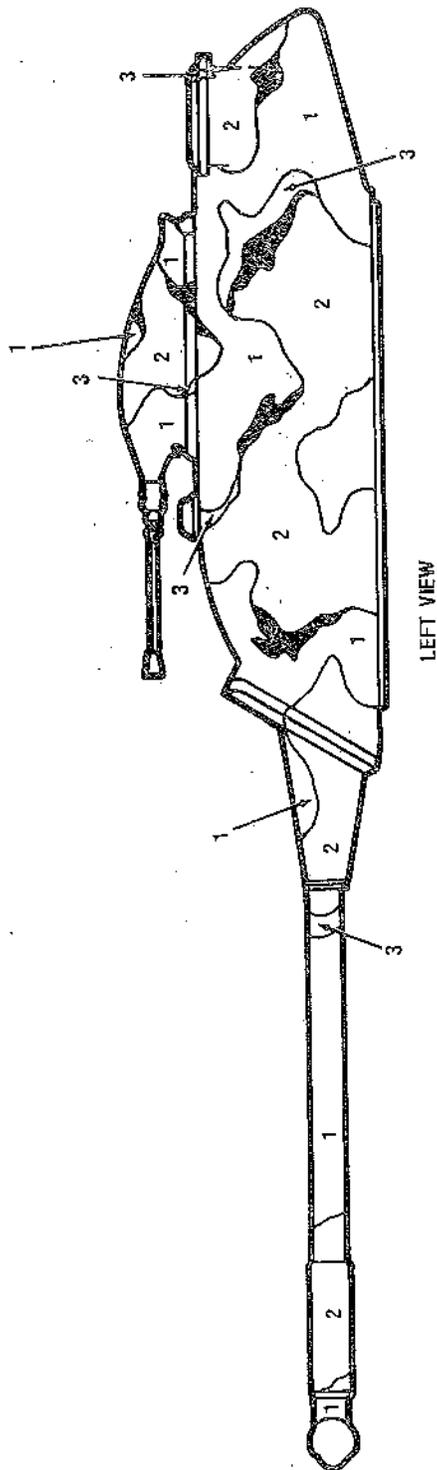
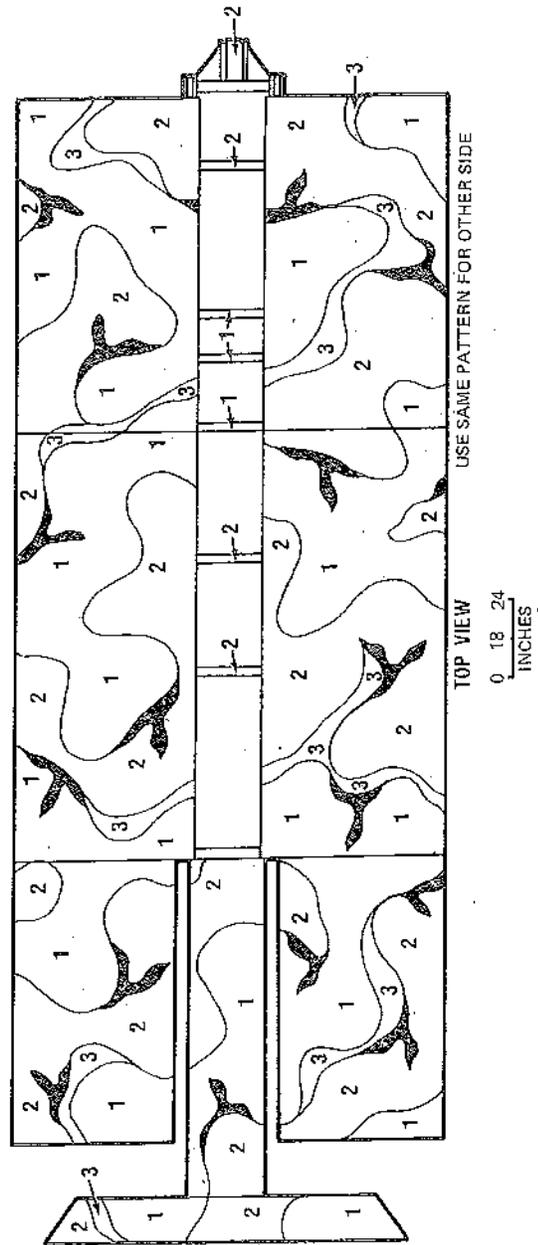
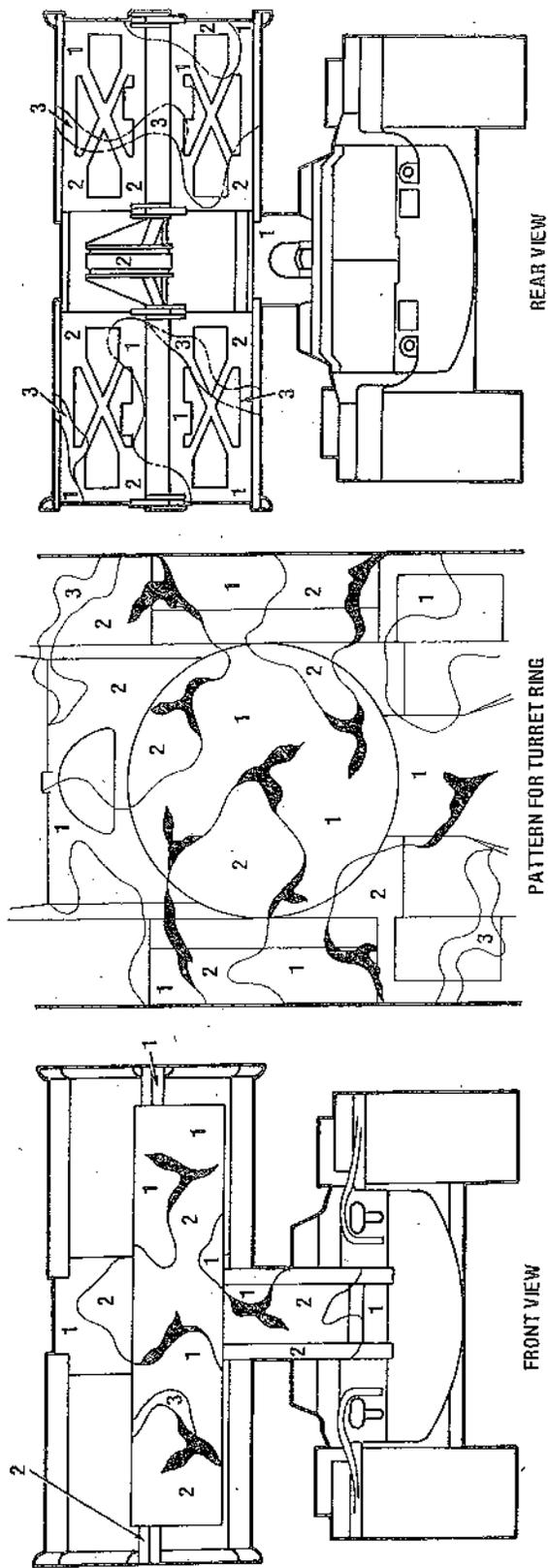


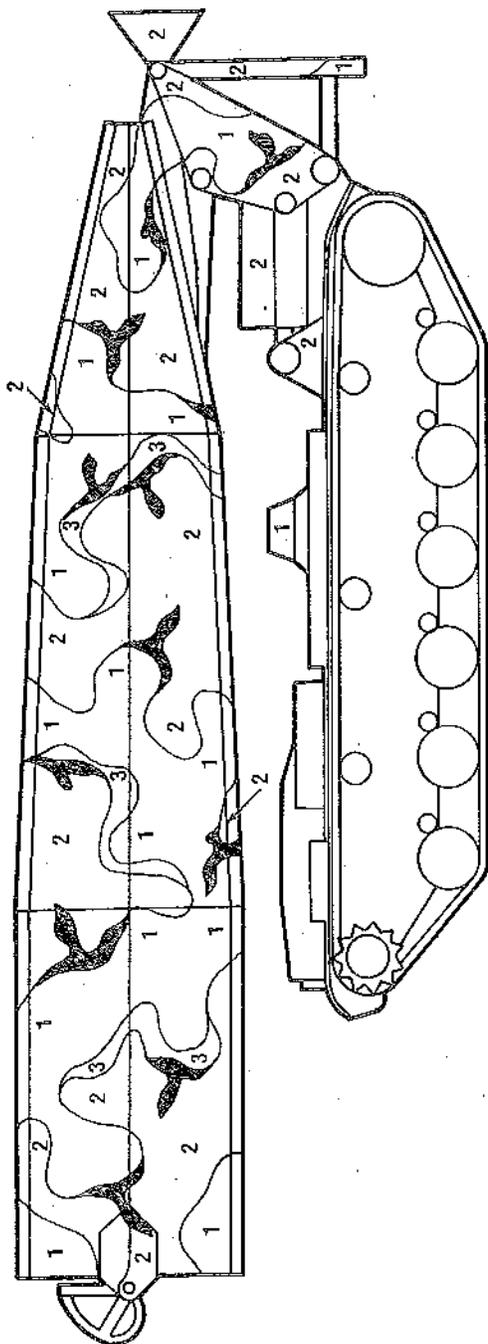
Figure 85. Tank, combat, full-tracked; 90-MM gun M48A1. (2 of 2)

TA031731

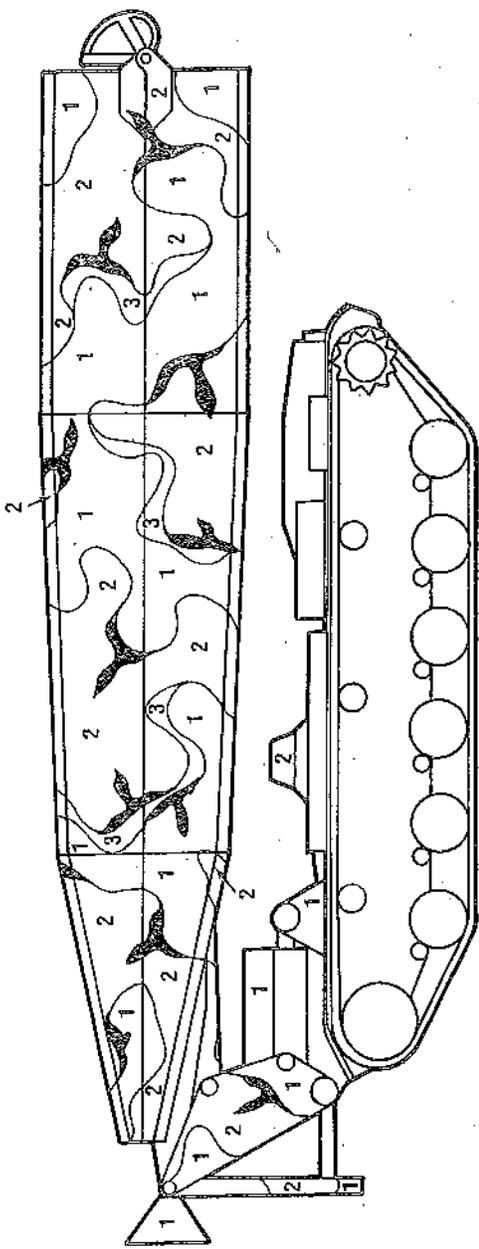


TA031736

Figure 86. Tank, combat, full-tracked; 90-MM gun, M48A2. (1 of 2)



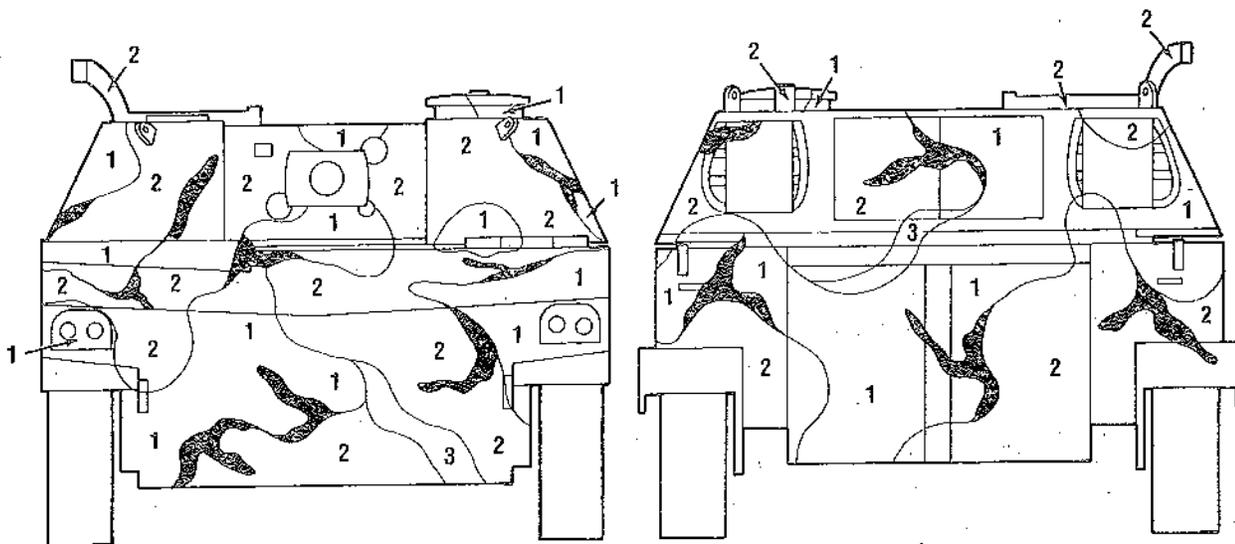
RIGHT VIEW



LEFT VIEW 0.18 24  
INCHES

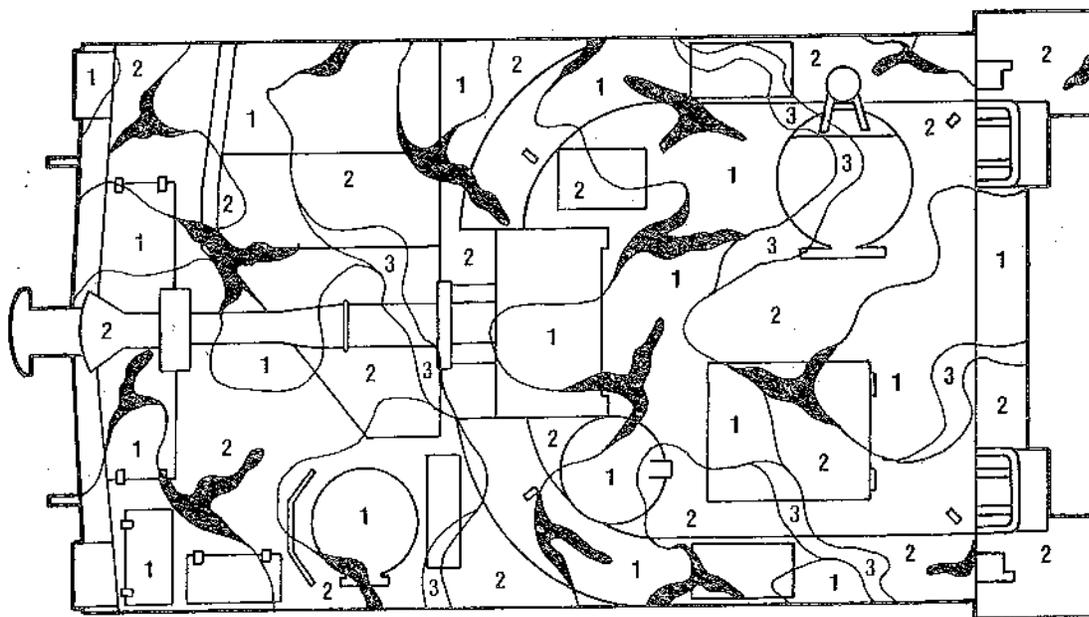
TA031737

Figure 87. Tank, combat, full-tracked: 90-MM gun, M48A2. (2 of 2)



FRONT VIEW

REAR VIEW

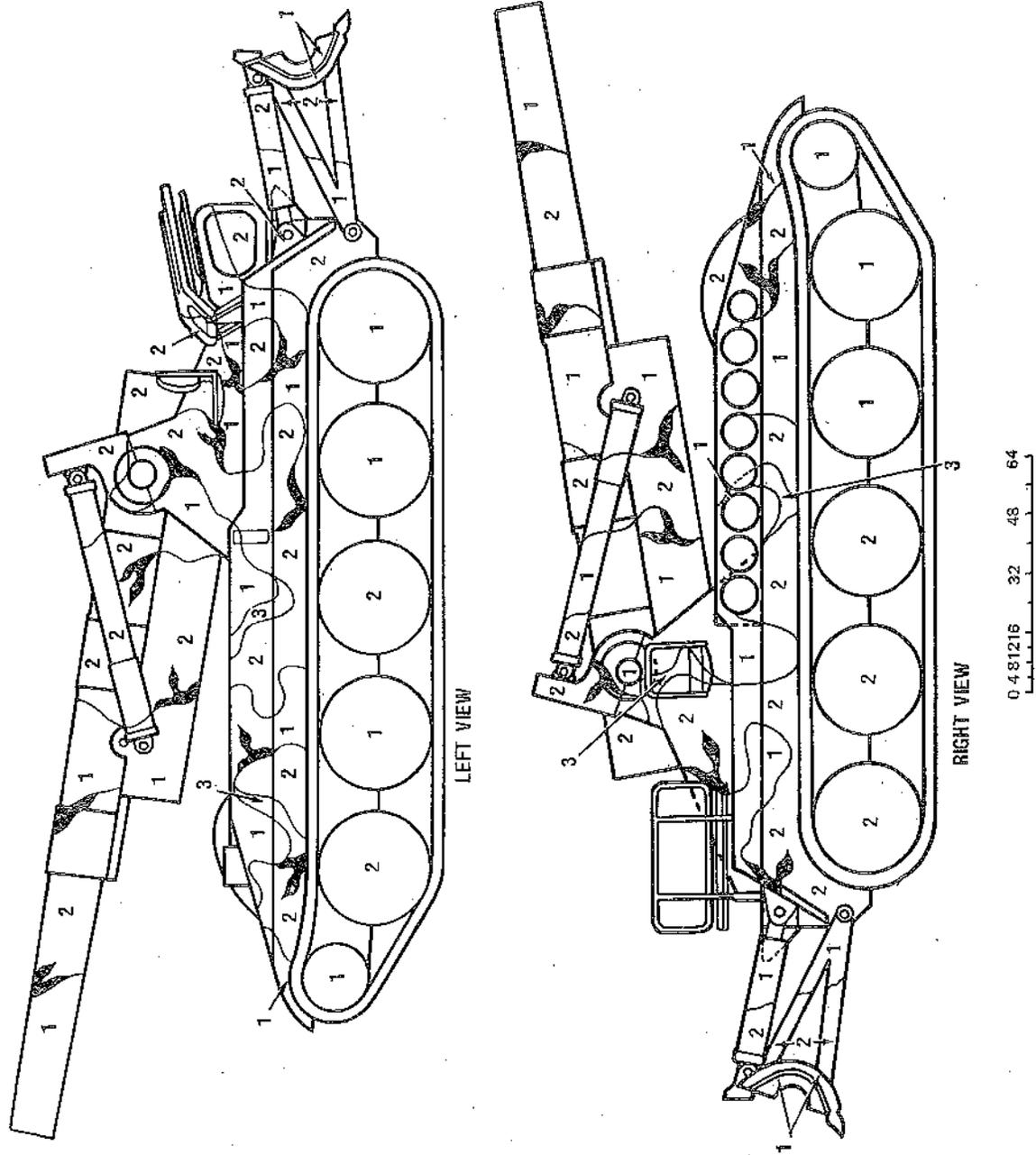


TOP VIEW

0 12 24  
INCHES

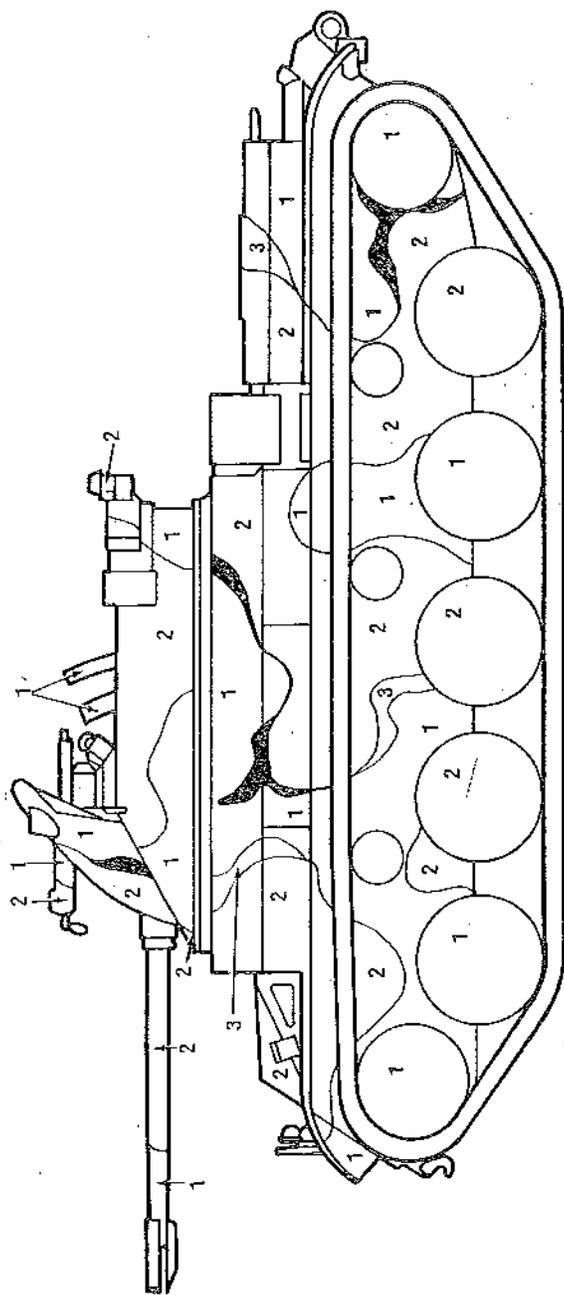
TA031641

Figure 88. Howitzer, medium, self-propelled; 155-MM, M109. (1 of 2)

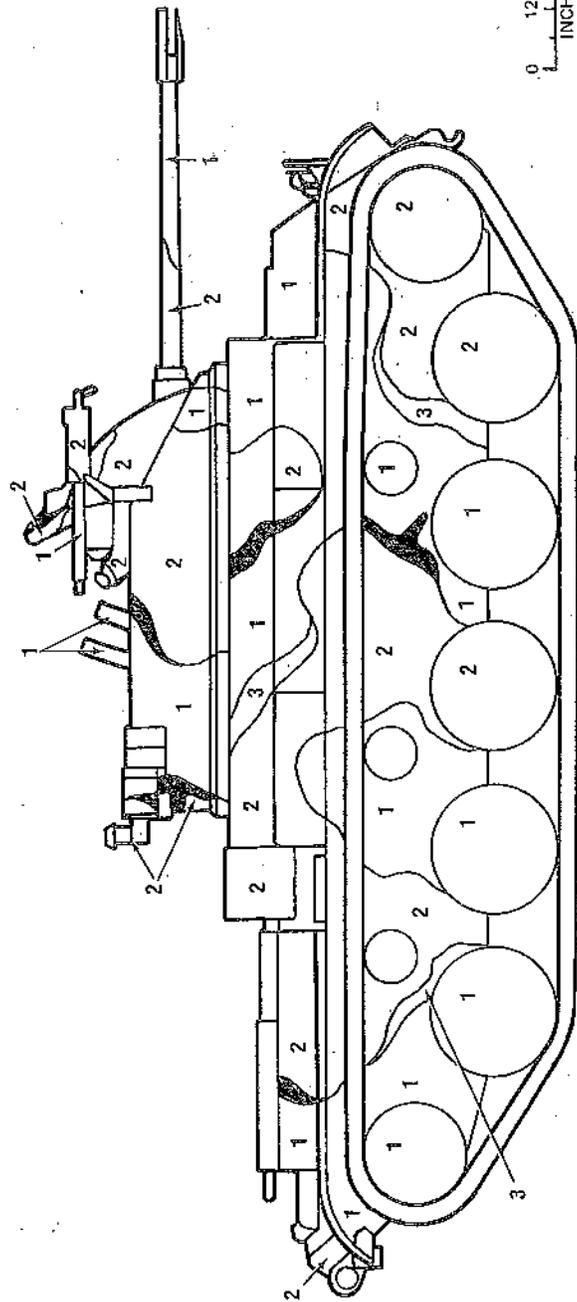


TA031655

Figure 91. Howitzer, heavy, self-propelled: 8-inch, M110. (2 of 2)



LEFT VIEW



RIGHT VIEW



TA031685

Figure 92. Gun self-propelled, full-tracked, Twin, 40-MM, M42. (1 of 2)

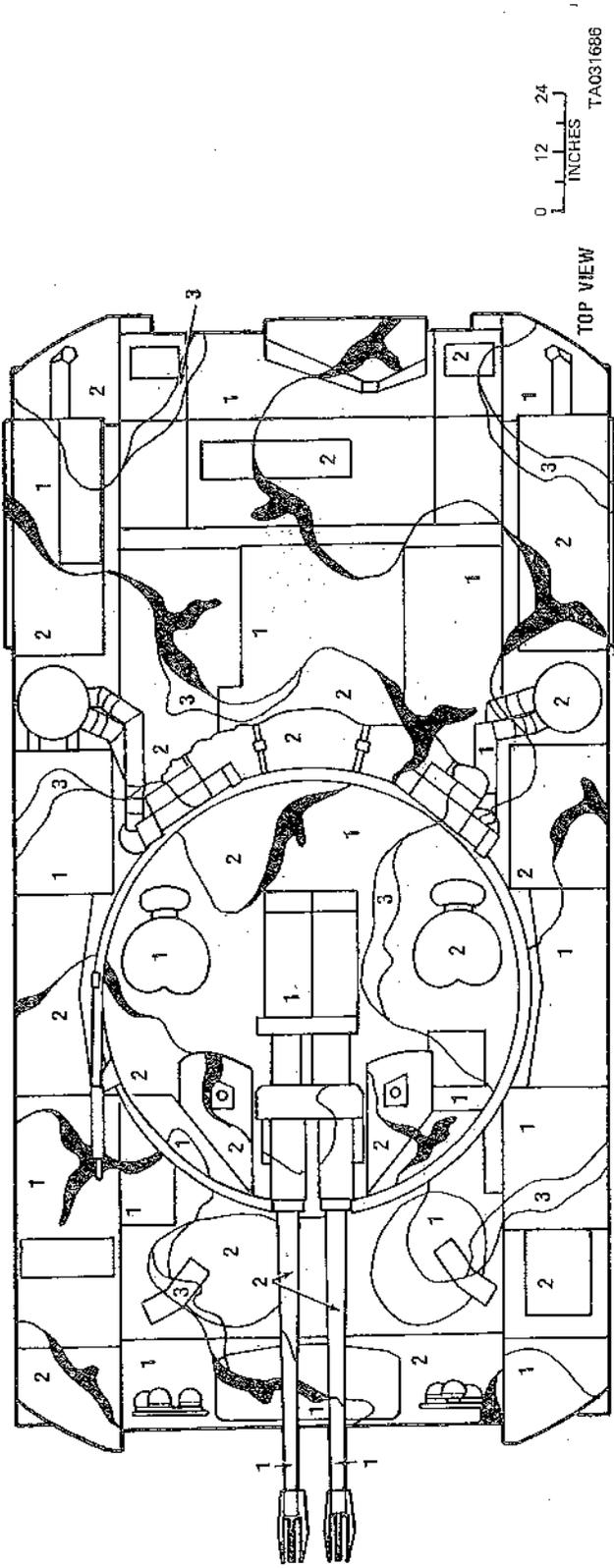
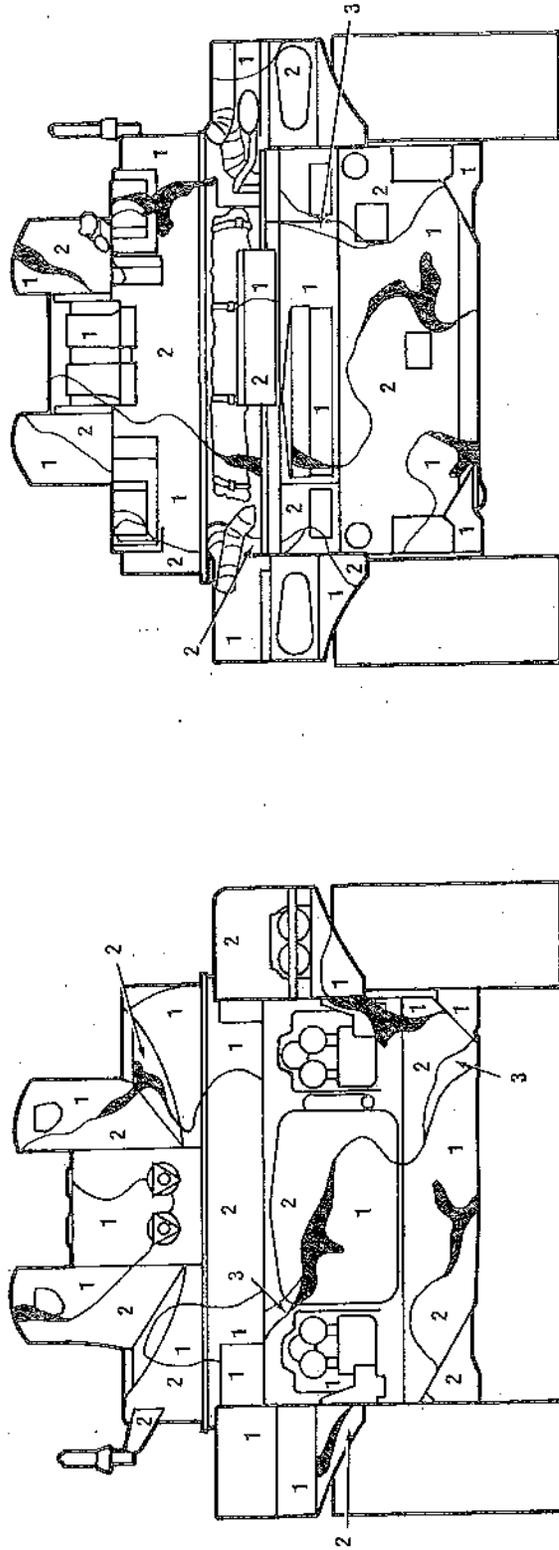
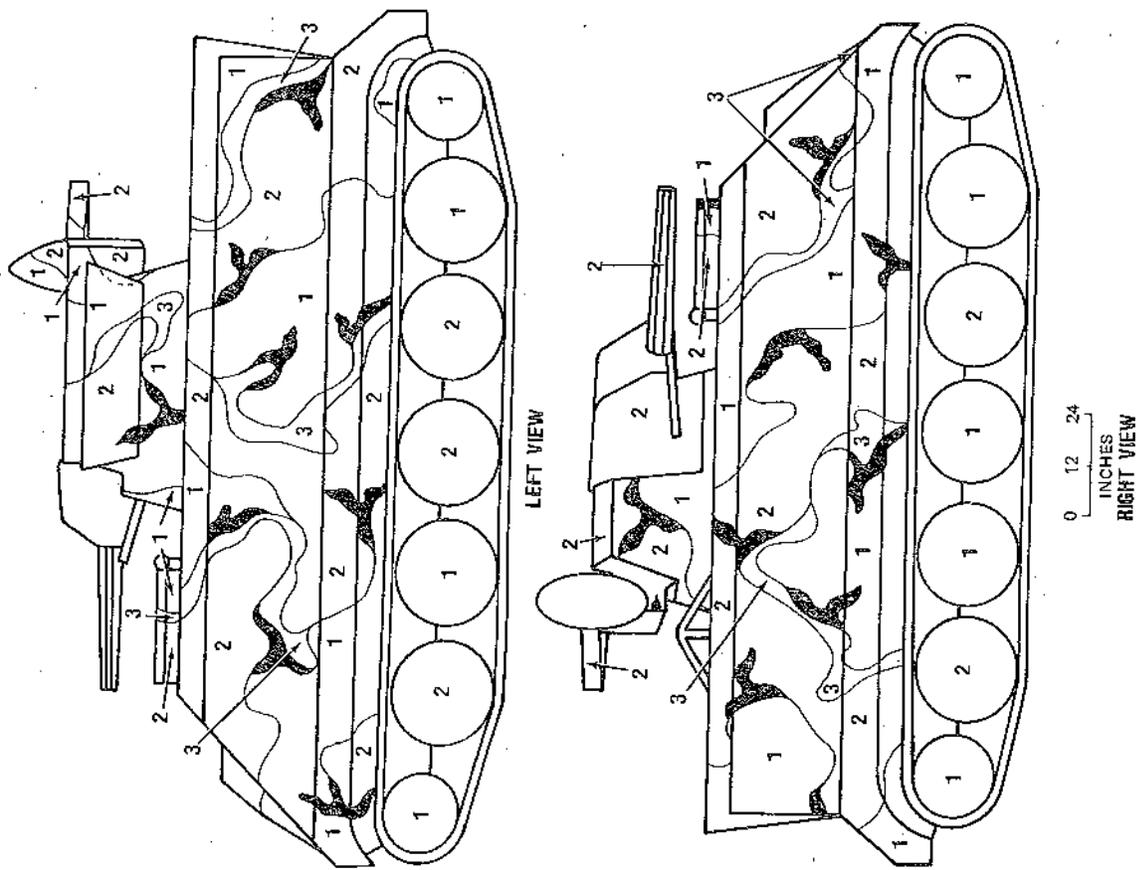


Figure 93. Gun, self-propelled, full-tracked; twin, 40-mm. M42. (2 of 2)



TA031632

Figure 94. Gun, air, defense artillery, self-propelled 20-MM, M163. (1 of 2)

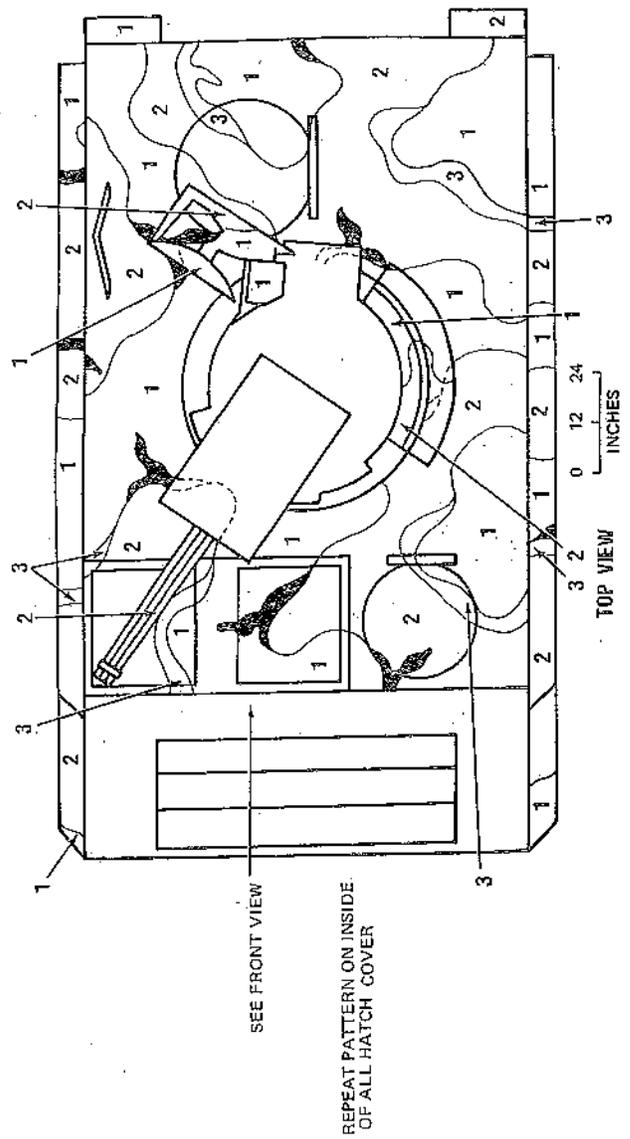
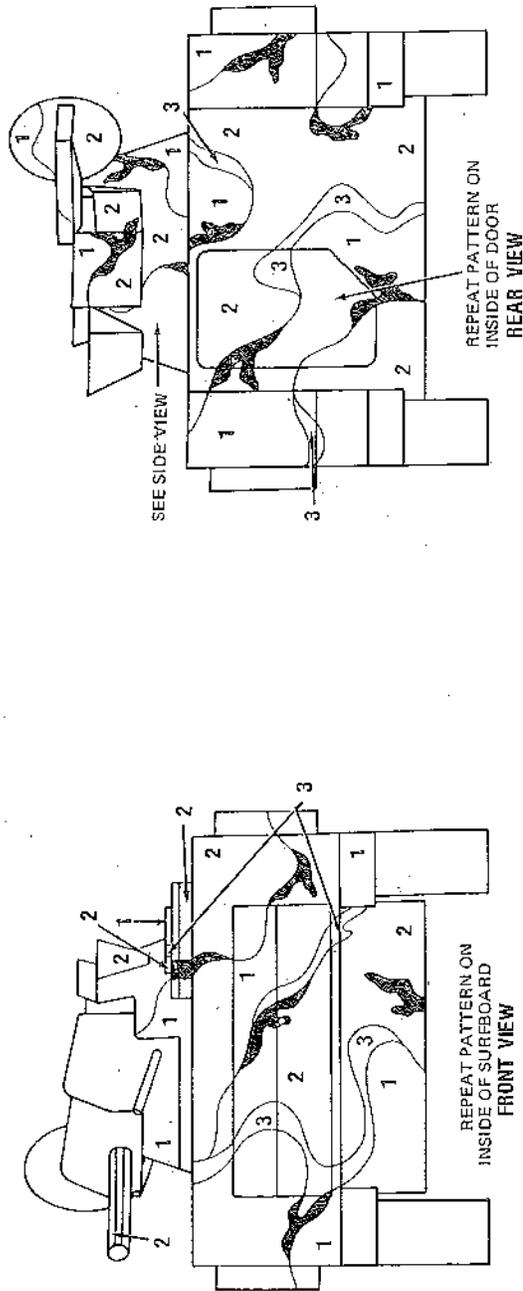
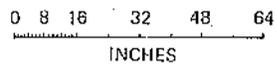
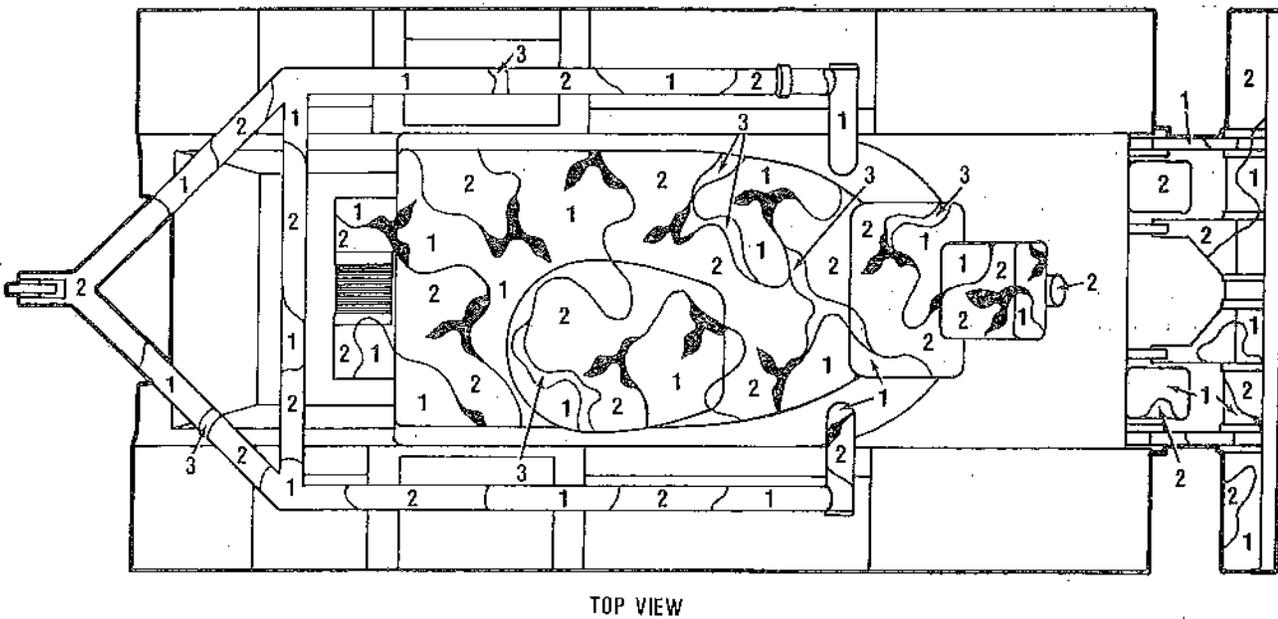
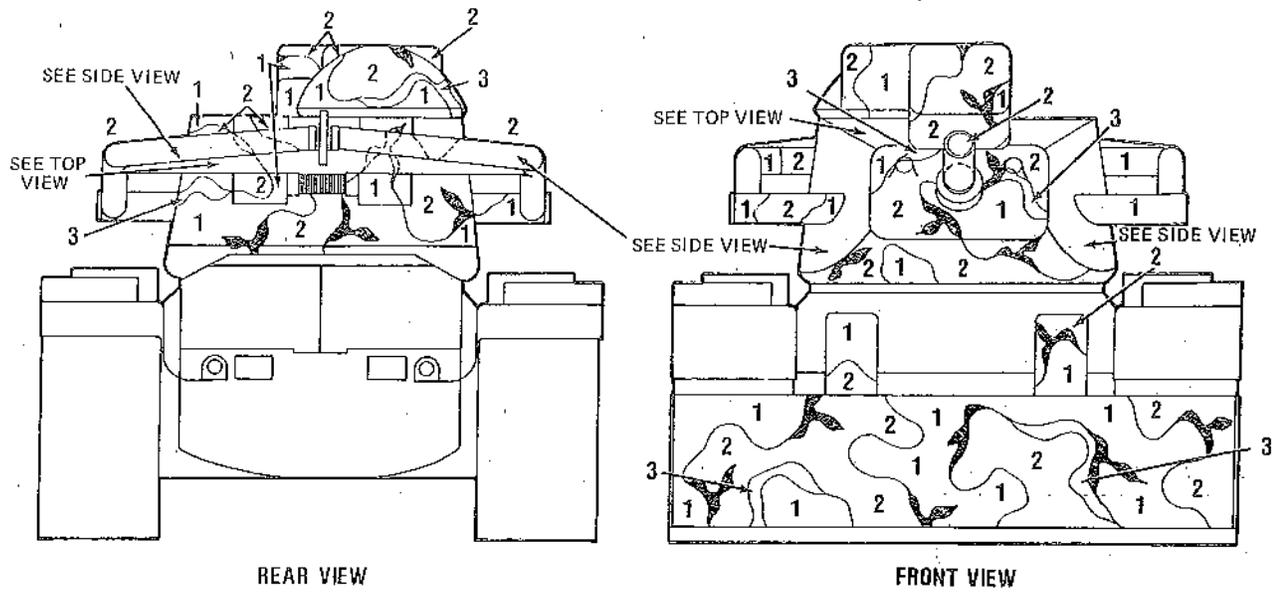
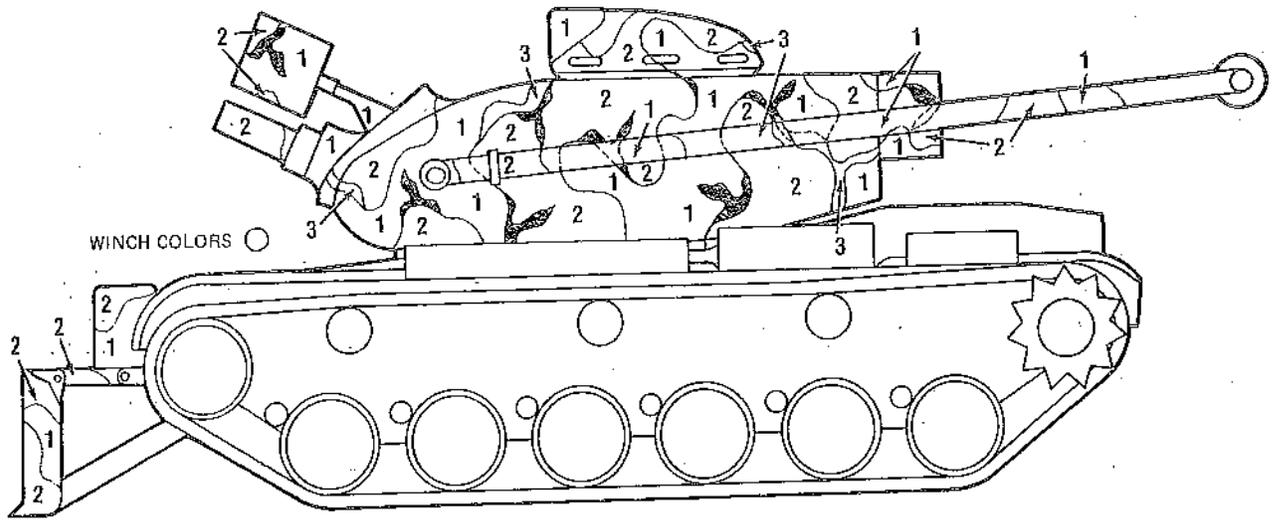


Figure 95. Gun, air, defense artillery, self-propelled 20-MM, M163. (2 of 2)

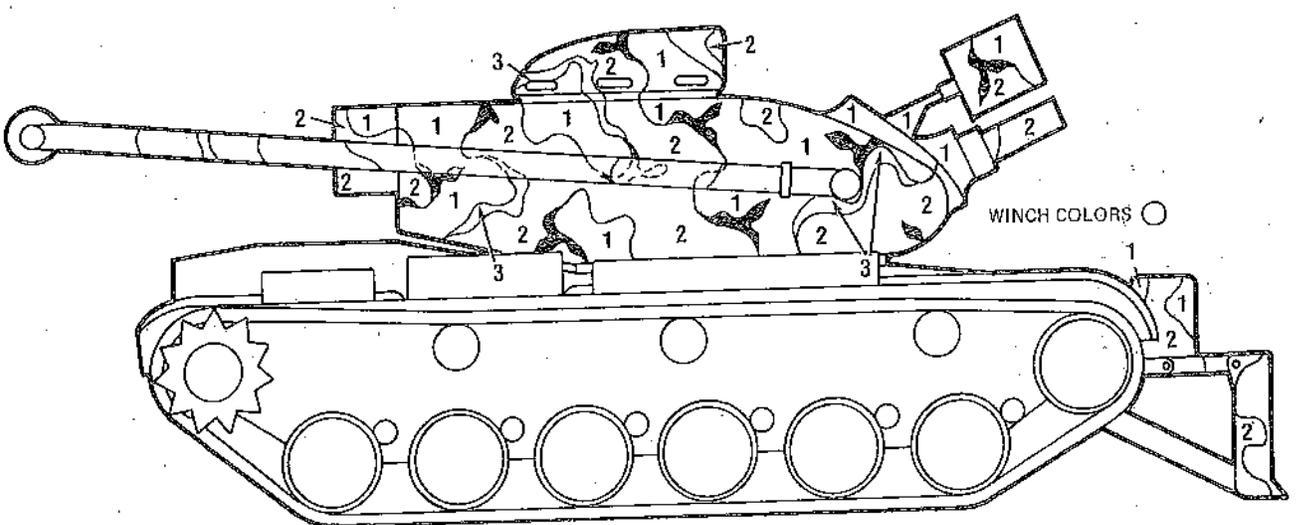


TA031704

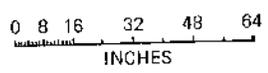
Figure 96. Vehicle combat engineer, full-tracked: M728. (1 of 2)



LEFT VIEW



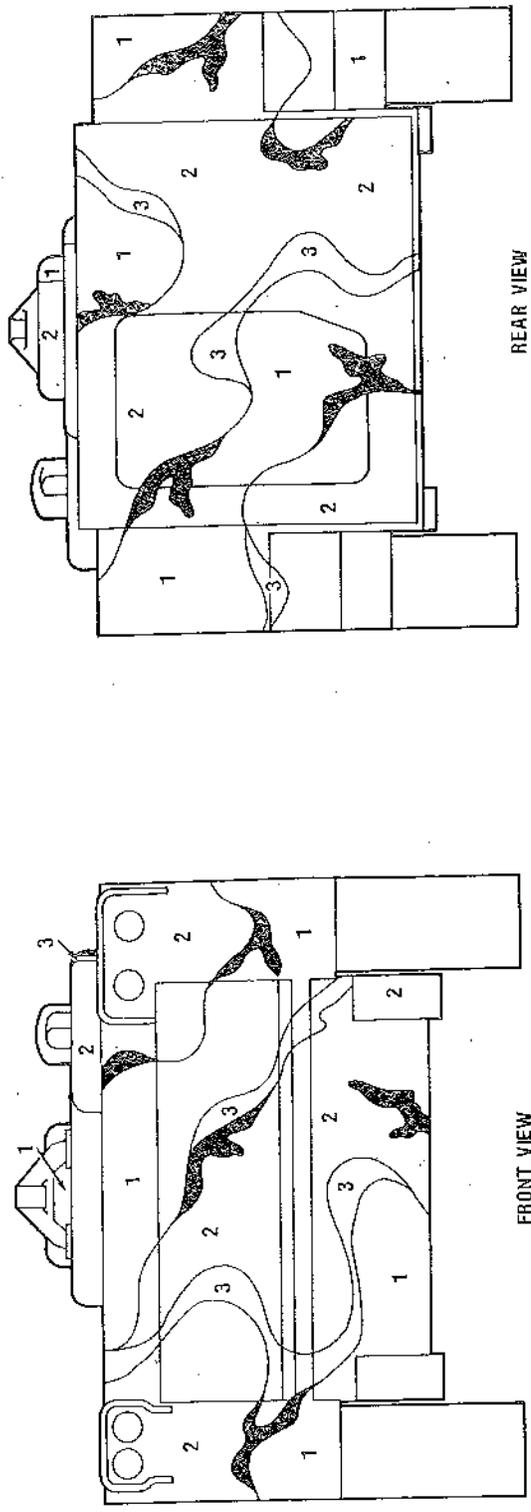
RIGHT VIEW



TA031705

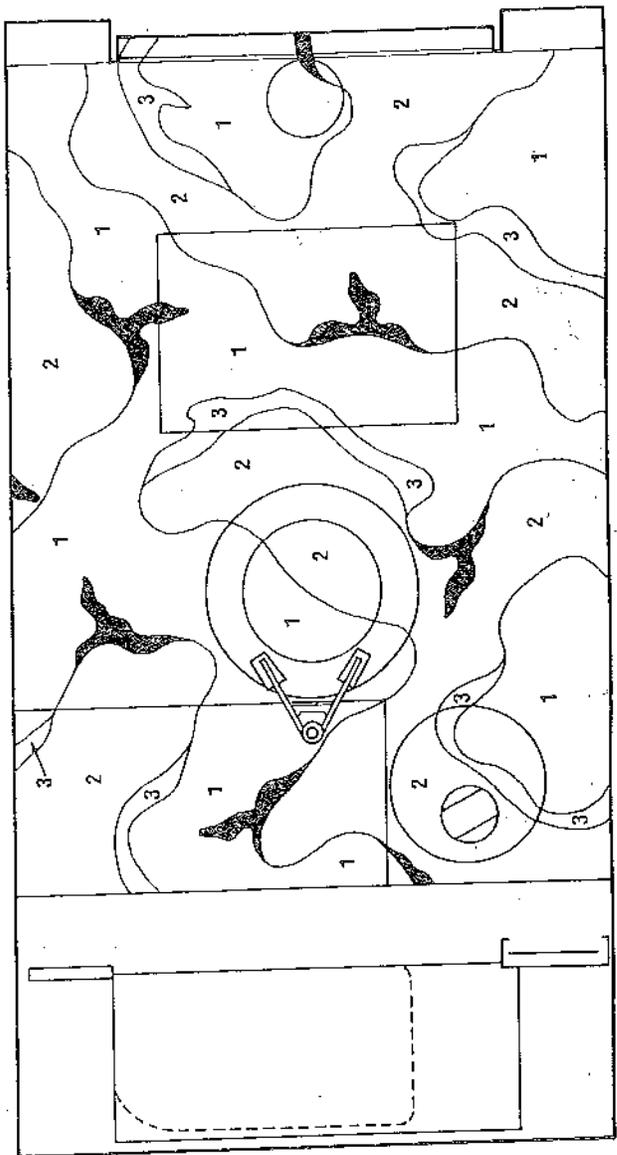
Figure 97. Vehicle combat engineer, full-tracked: M728. (2 of 2)





FRONT VIEW

REAR VIEW

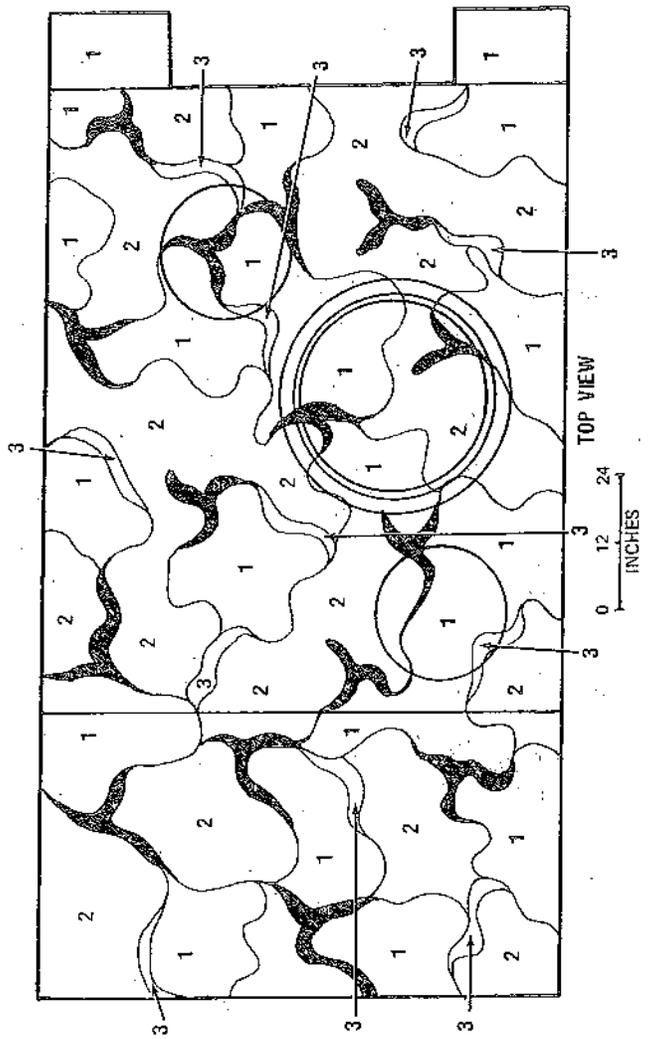
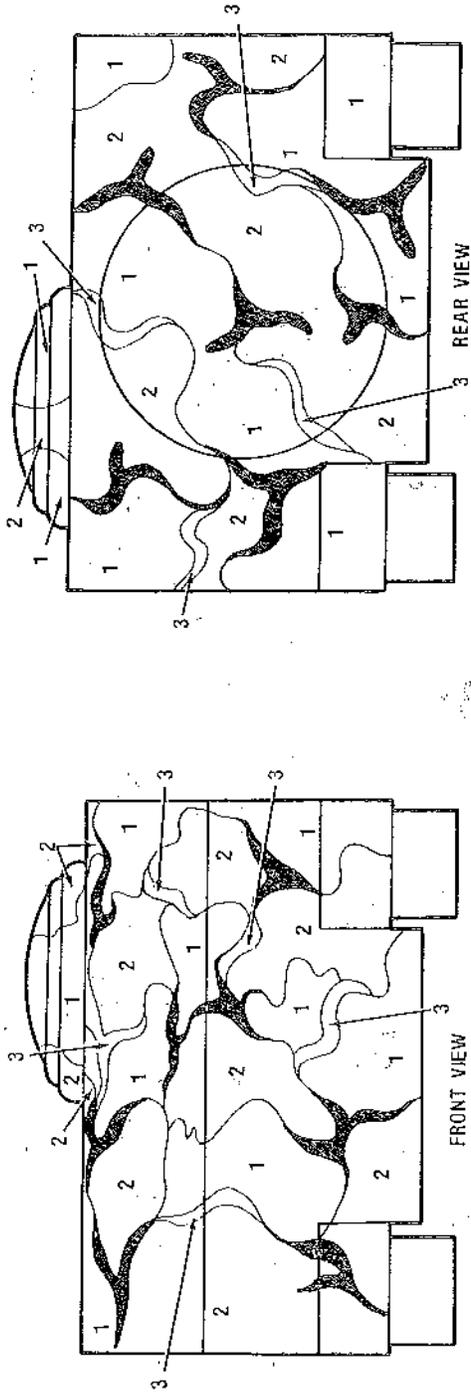


TOP VIEW



TA031741

Figure 99. Carrier personnel, full-tracked, armored: M113 (see M125, Mortar, 81 MM, M106 Carrier Mortar). (2 of 2)



TA031687

Figure 100. Carrier, command and reconnaissance: armored M114. (1 of 2)

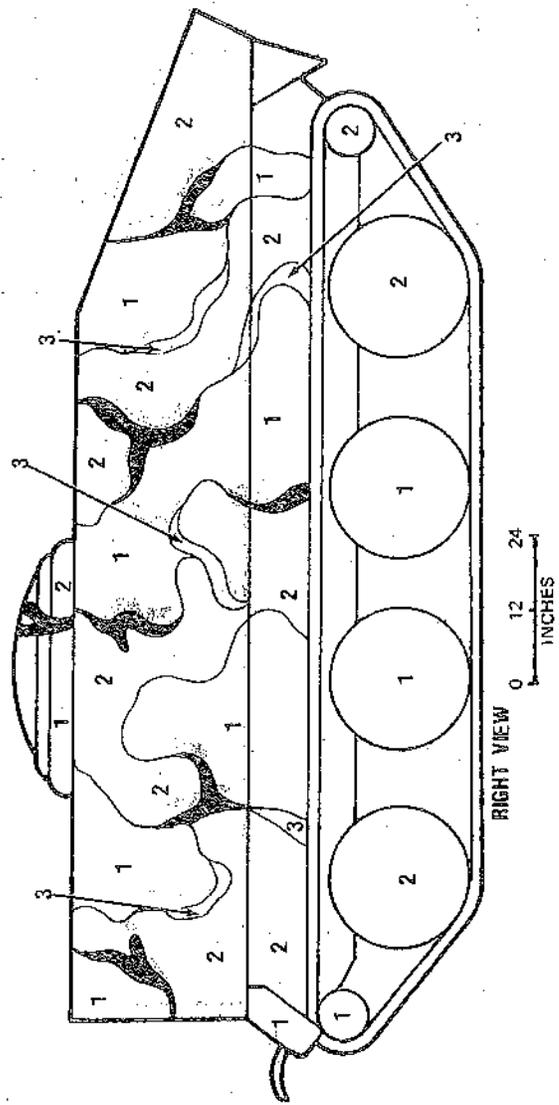
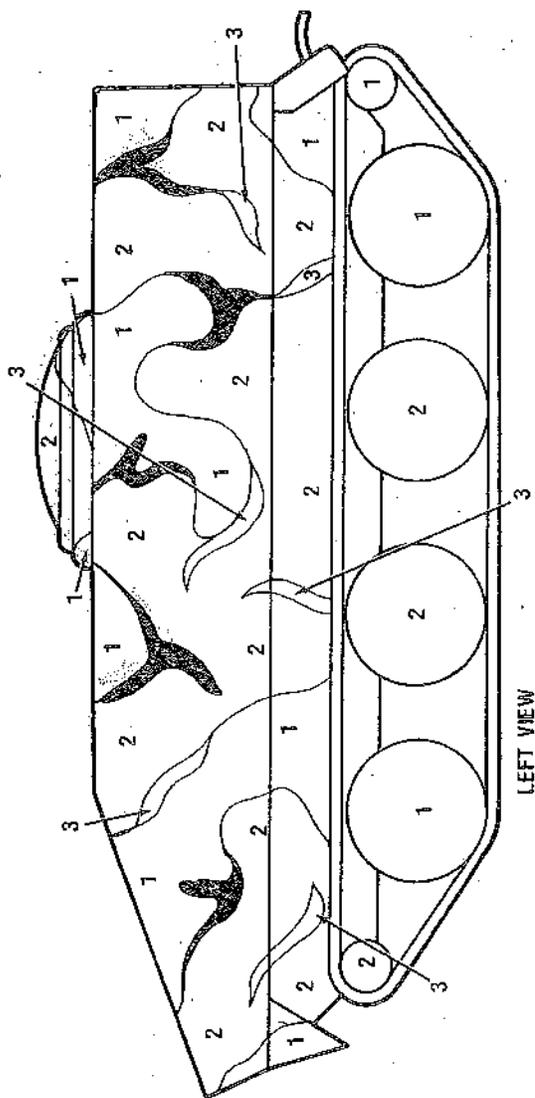
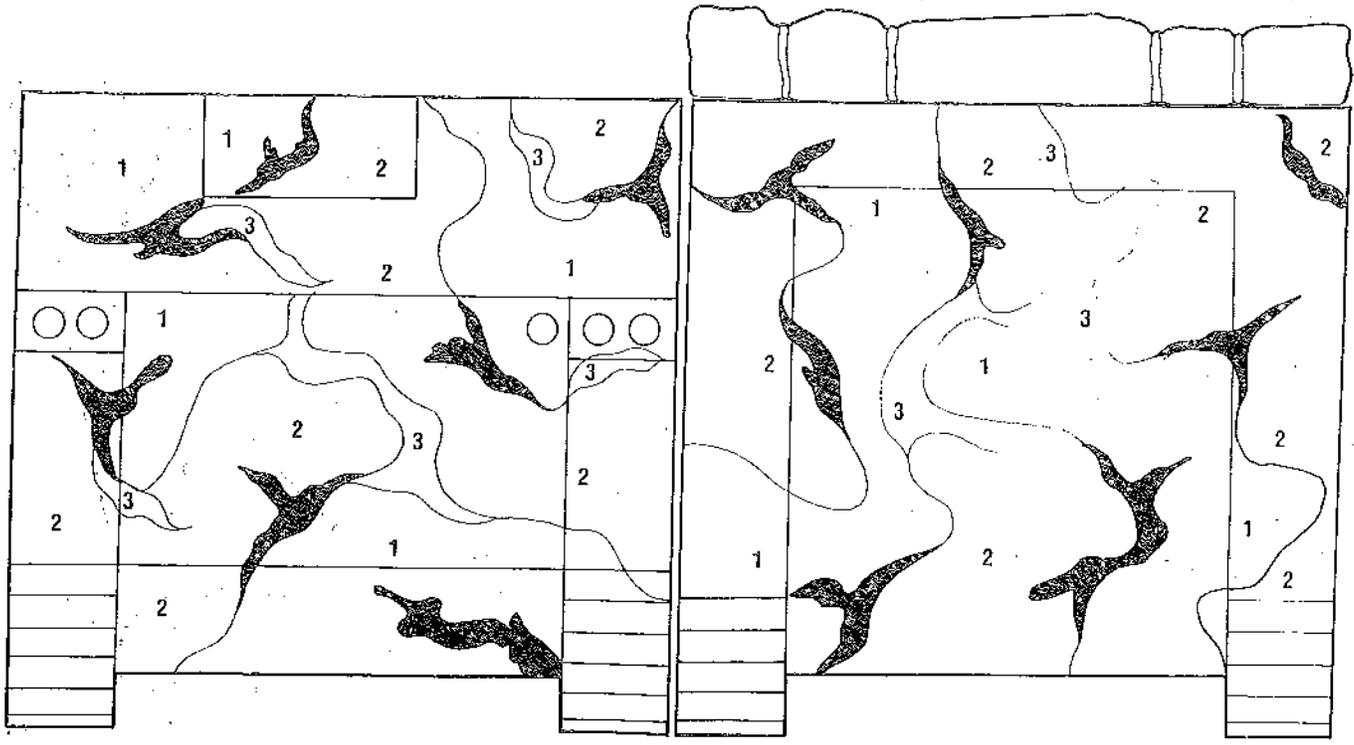


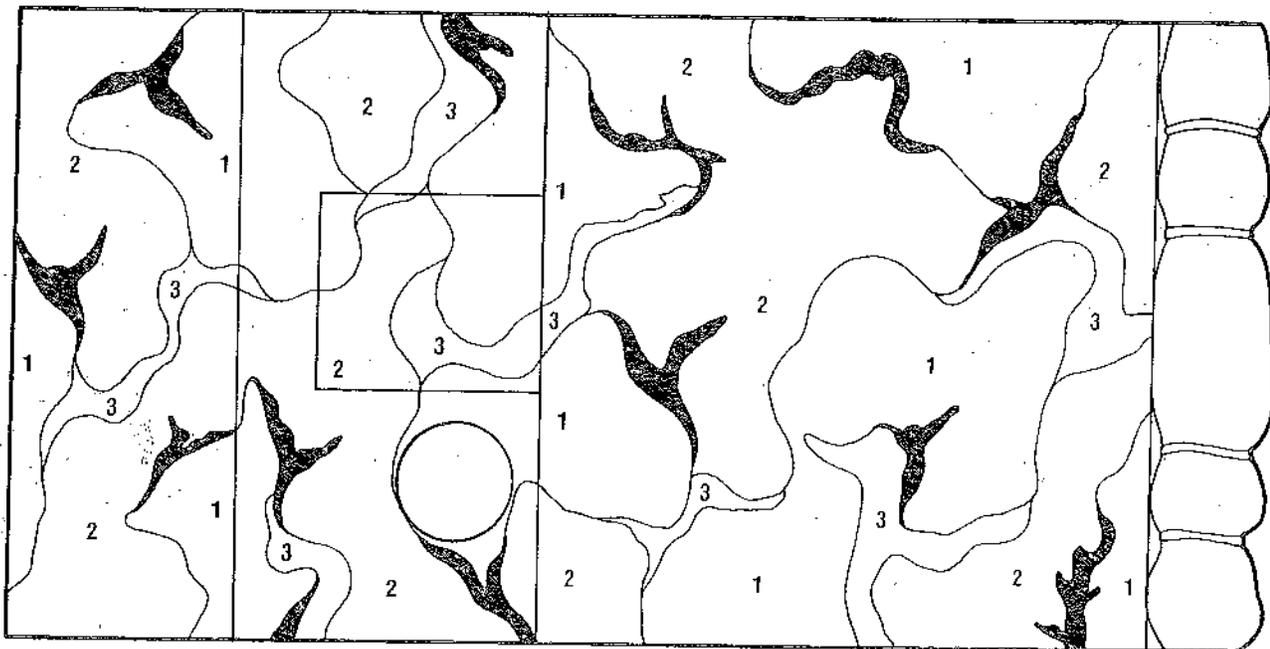
Figure 101. Carrier, command and reconnaissance: armored M14. (2 of 2)

TA031688



FRONT VIEW

REAR VIEW

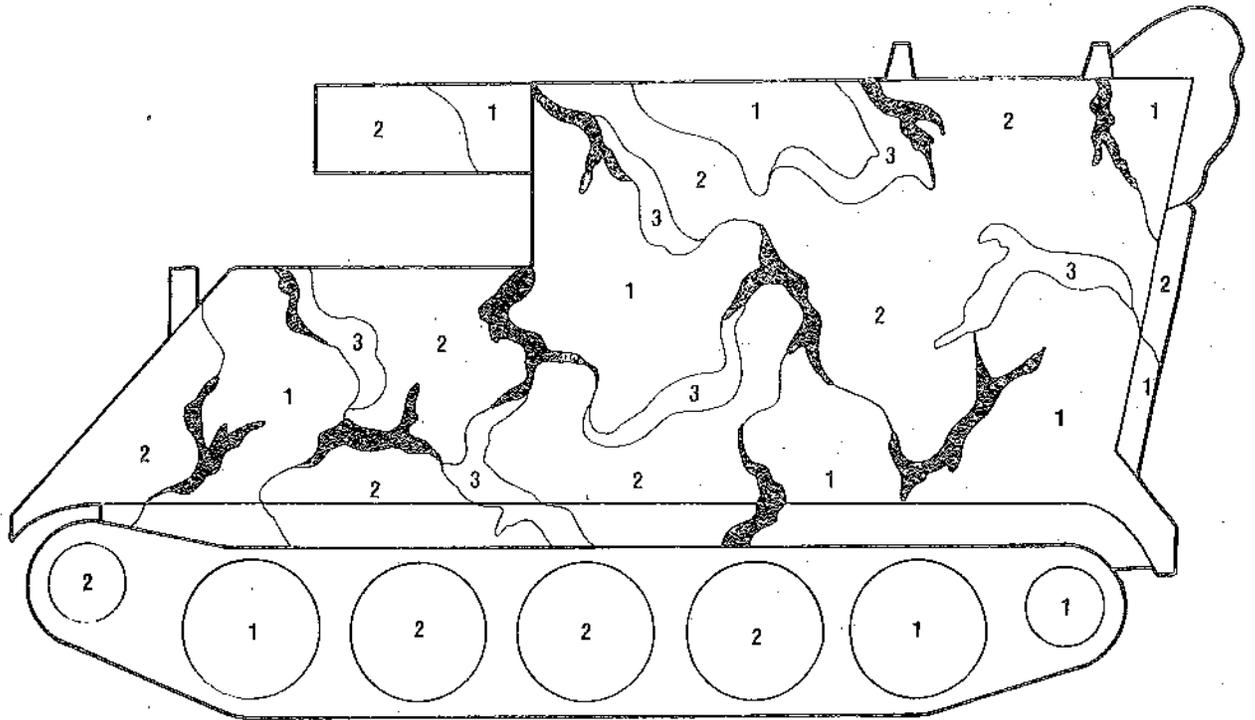


TOP VIEW

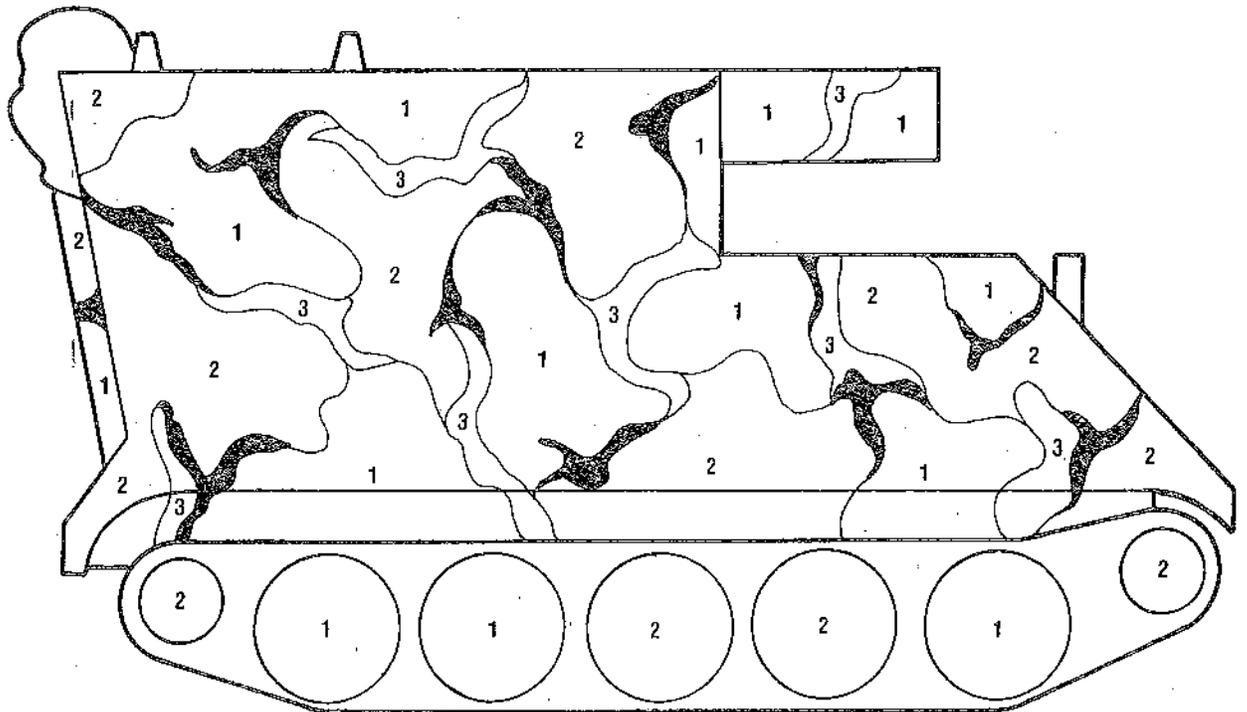
12 INCHES

TA031696

Figure 102. Carrier, command post, light tracked; M577. (1 of 2)



LEFT VIEW

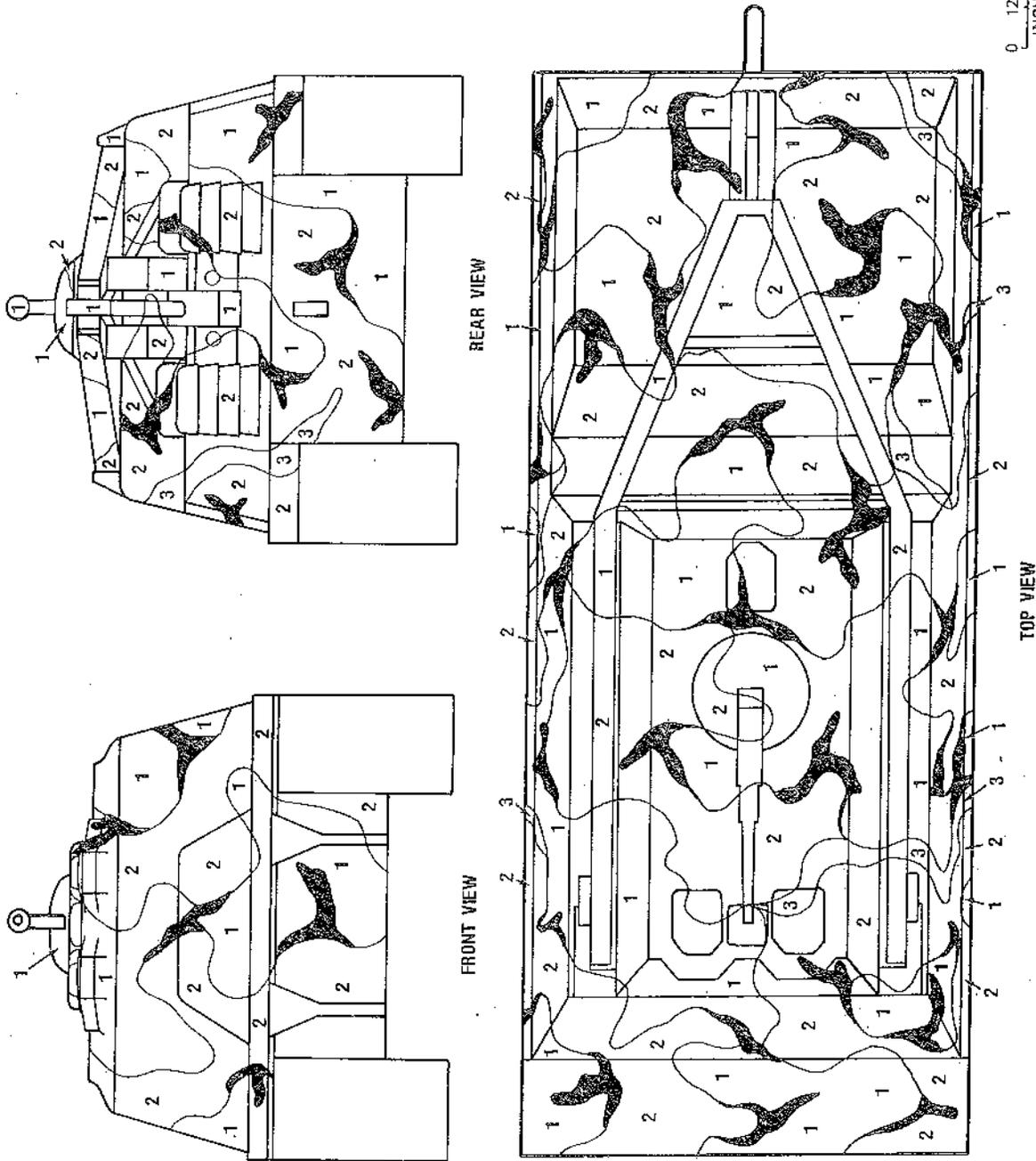


RIGHT VIEW

12 INCHES

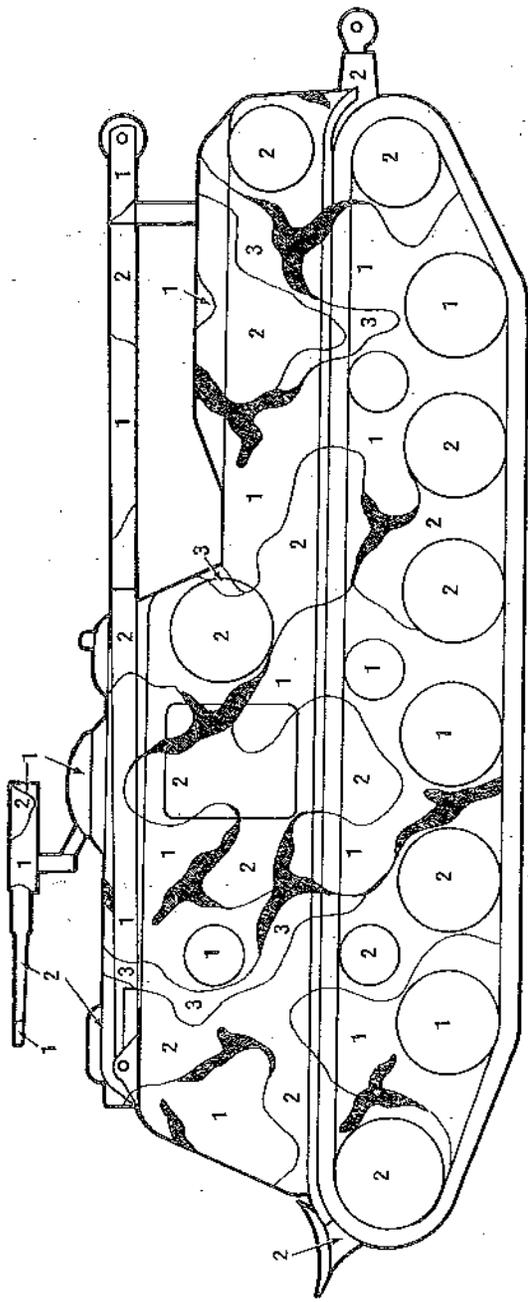
TA031697

Figure 103. Carrier, command post, light tracked; M577. (2 of 2)

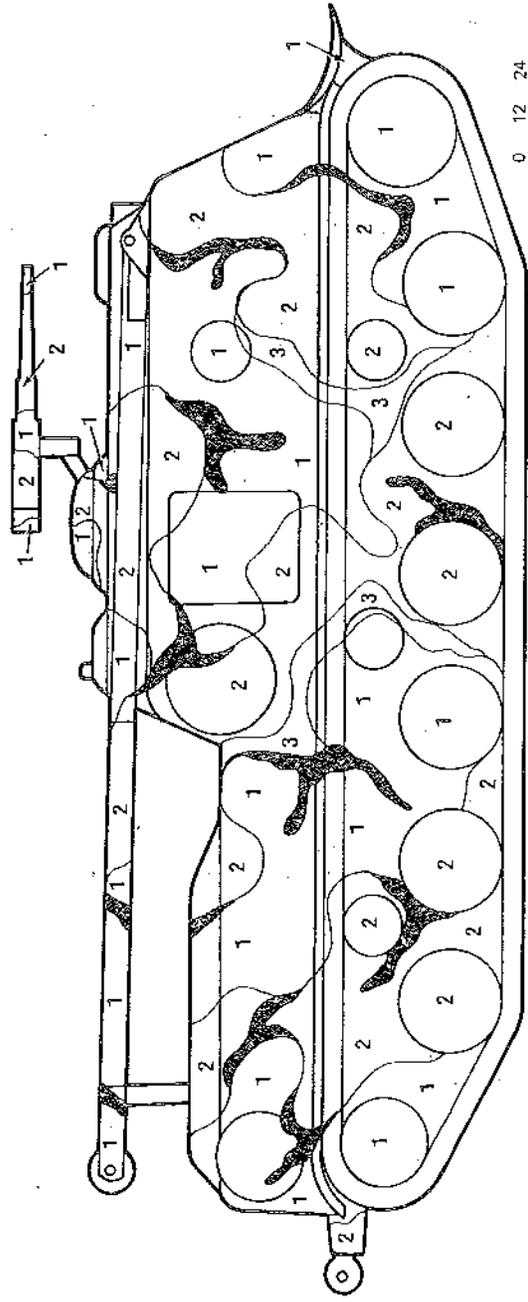


TA031634

Figure 104. Recovery vehicle, full-tracked: medium, M88. (1 of 2)



LEFT VIEW



RIGHT VIEW

0 12 24  
INCHES

Figure 105. Recovery vehicle, full-tracked, medium, M88. (2 of 2)

TA031635

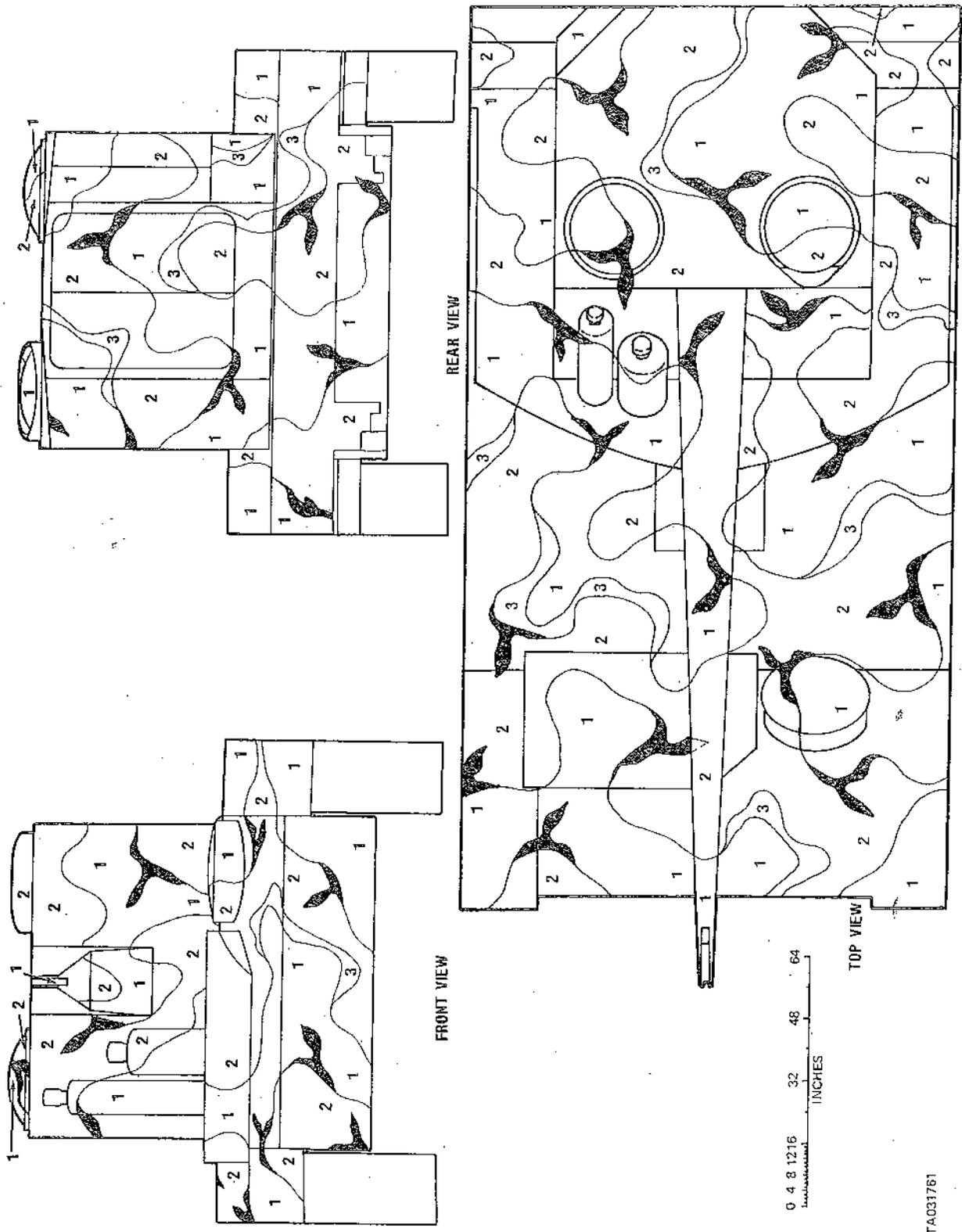
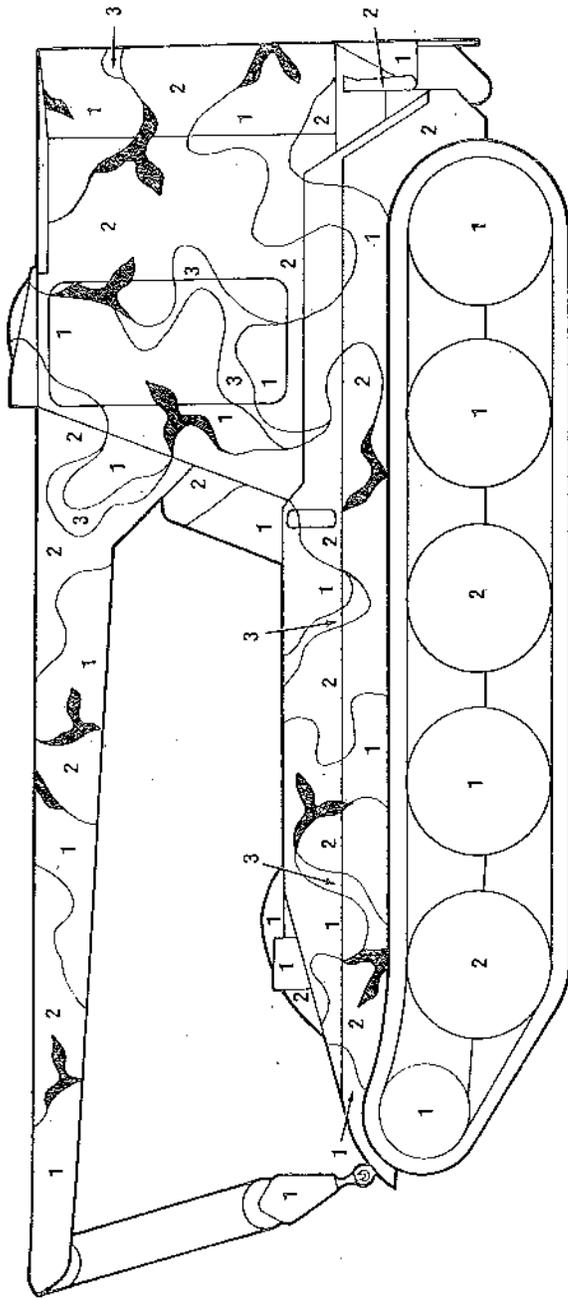
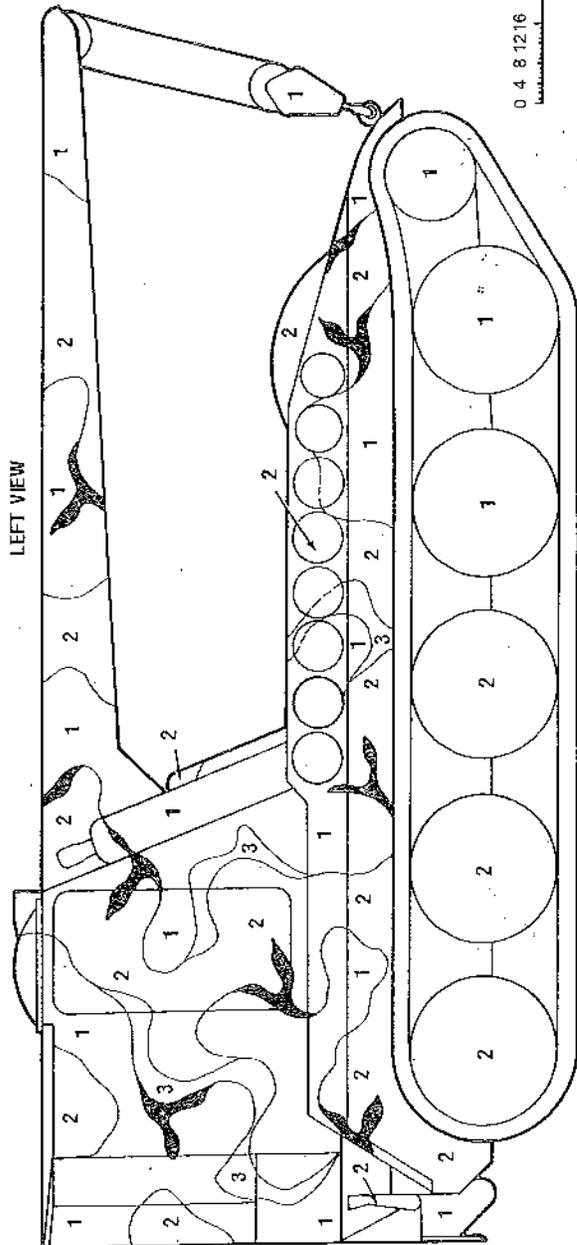


Figure 106. Recovery vehicle, full-tracked, light, armored. M578. (1 of 2).

TA031761



LEFT VIEW



RIGHT VIEW

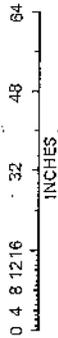


Figure 107. Recovery vehicle, full tracked, light, armored; M578. (2 of 2)

TA031762

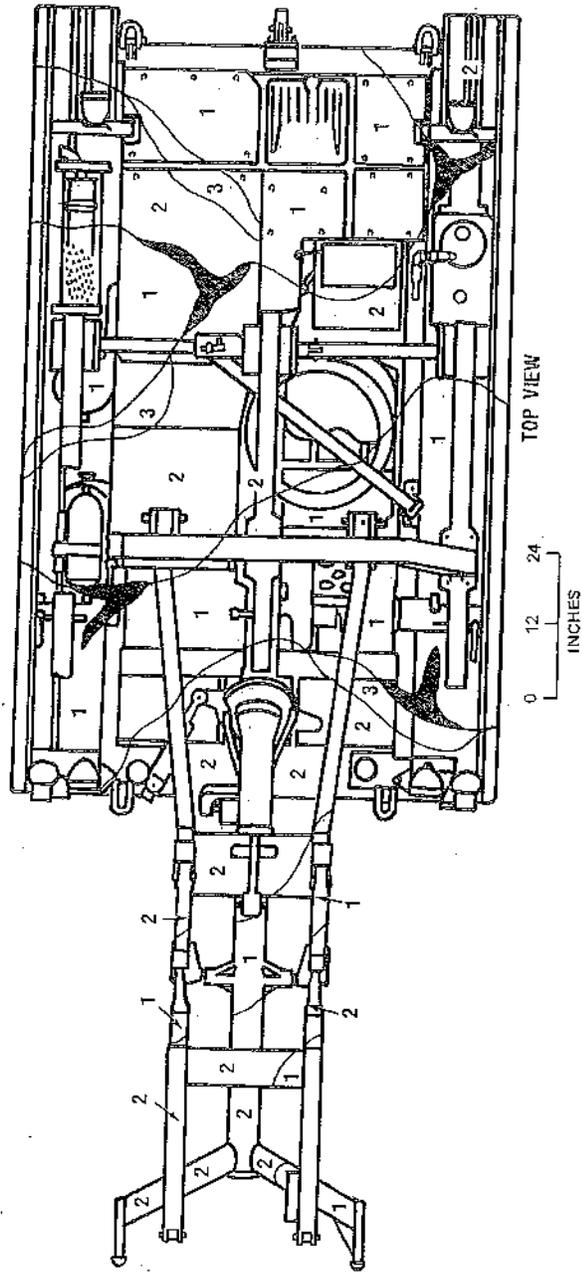
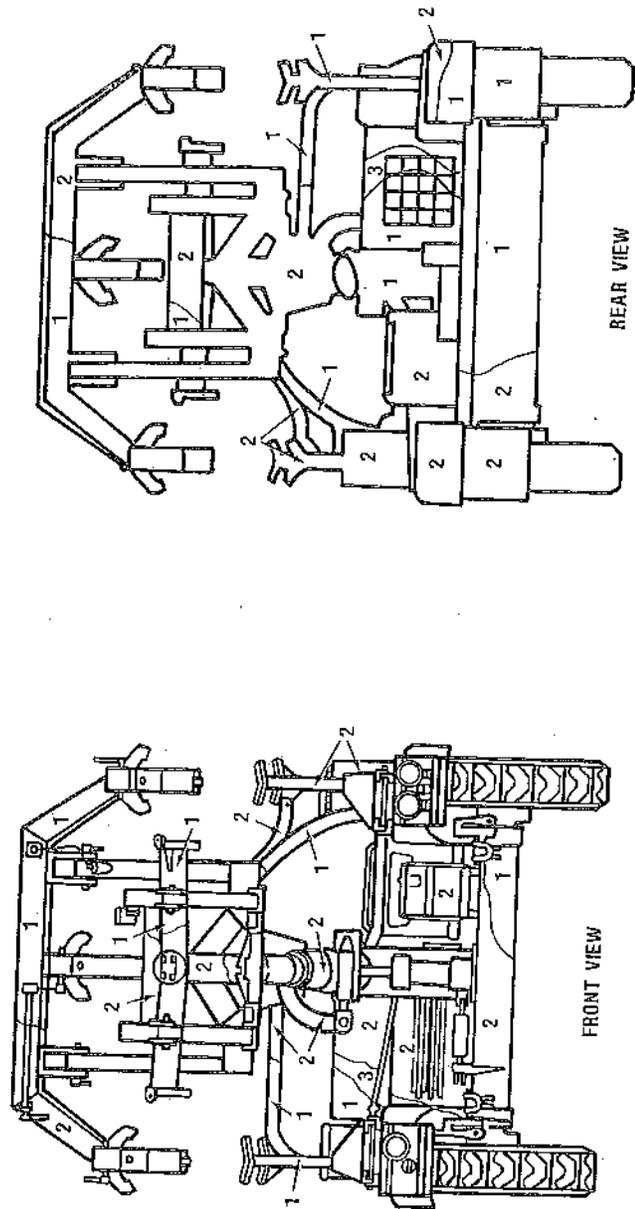


Figure 108. Loader-transporter, guided missile, XM501. (1 of 2)

TAD31789

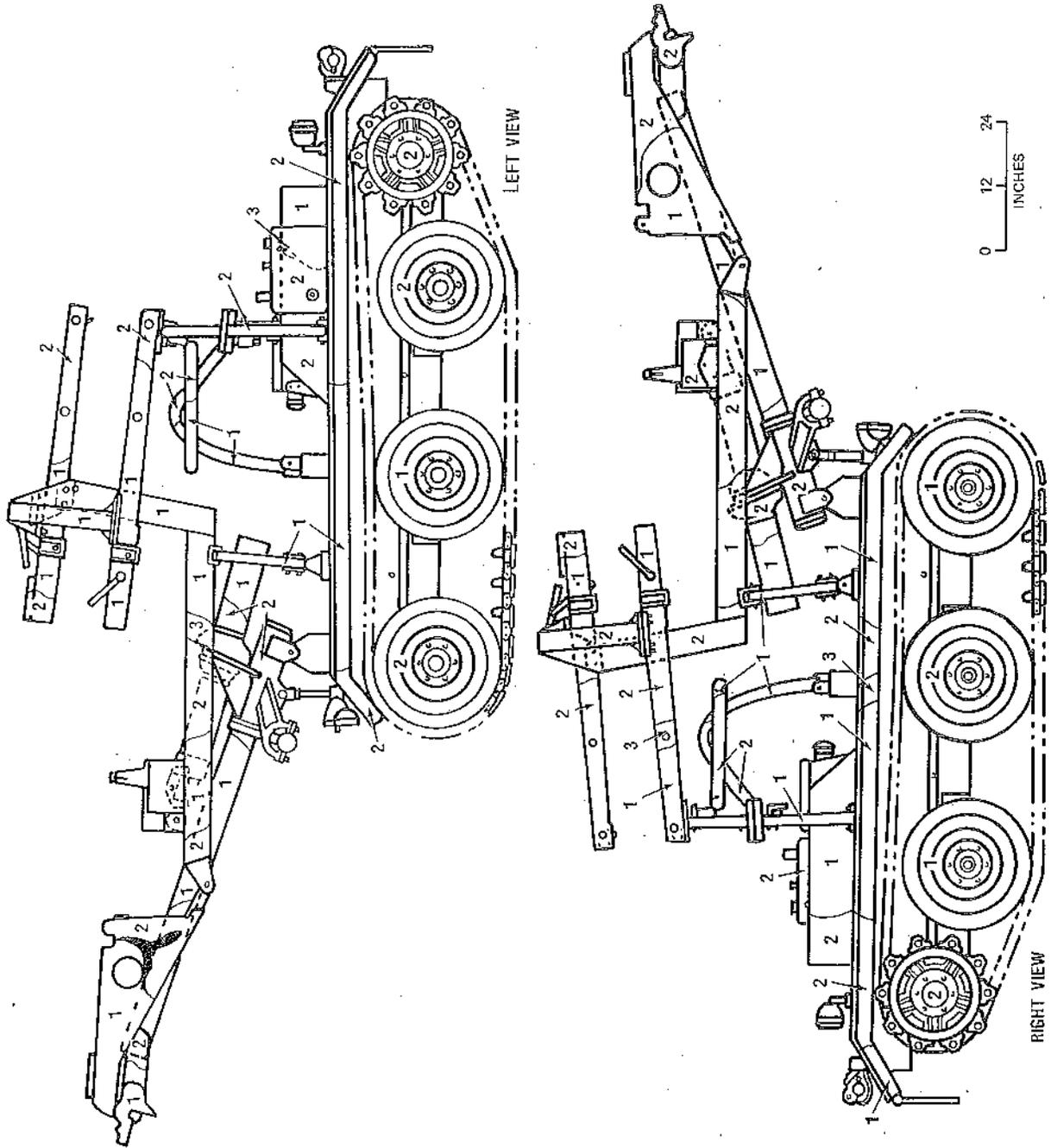
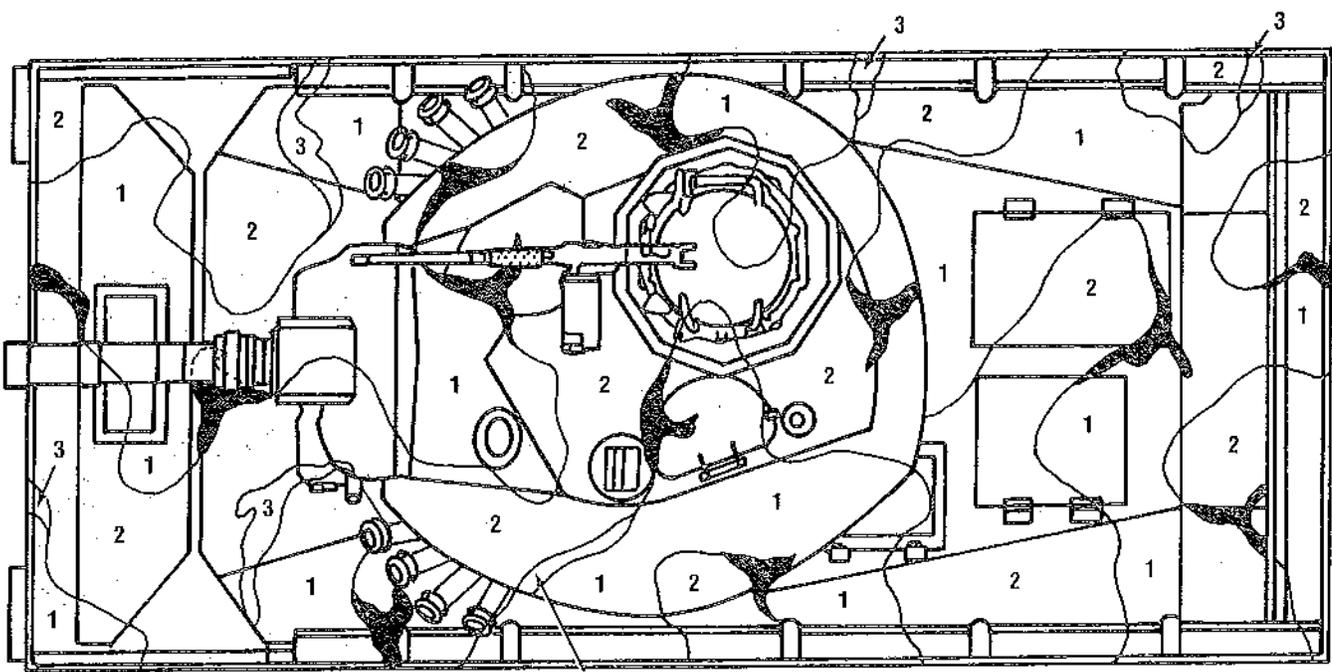
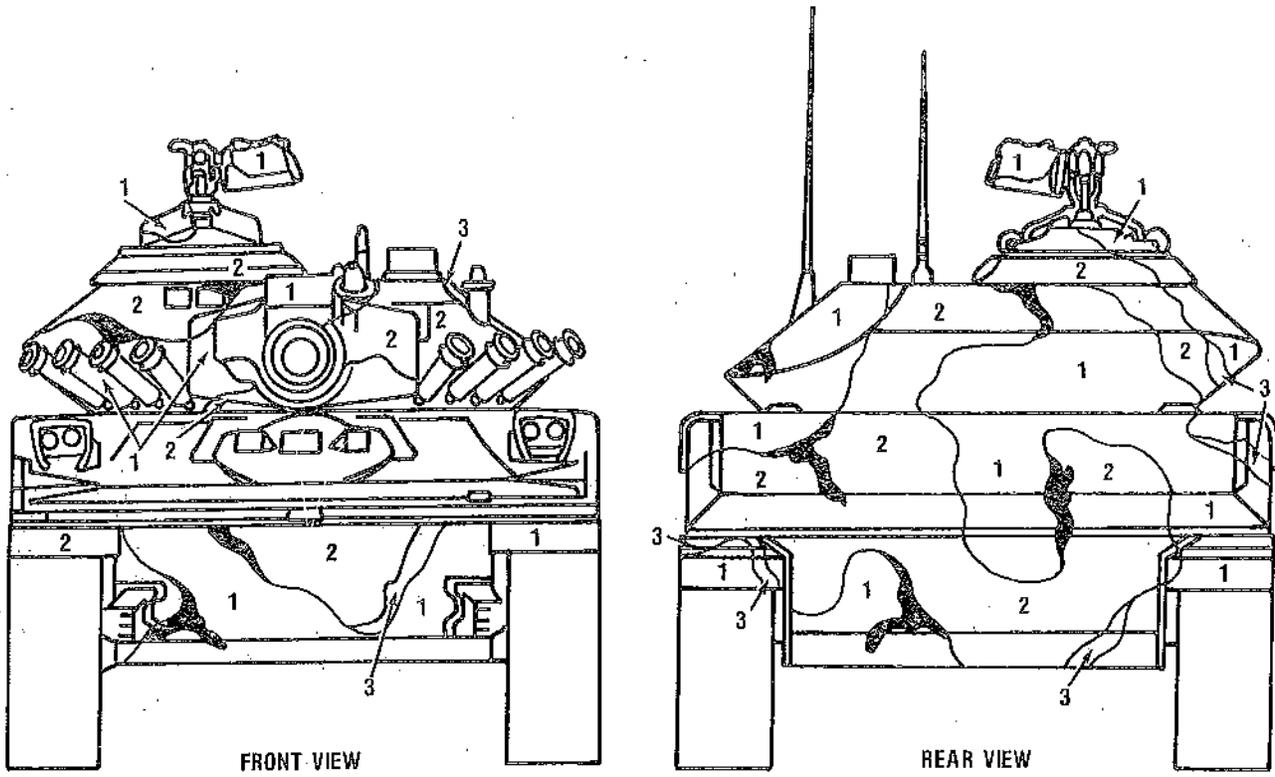


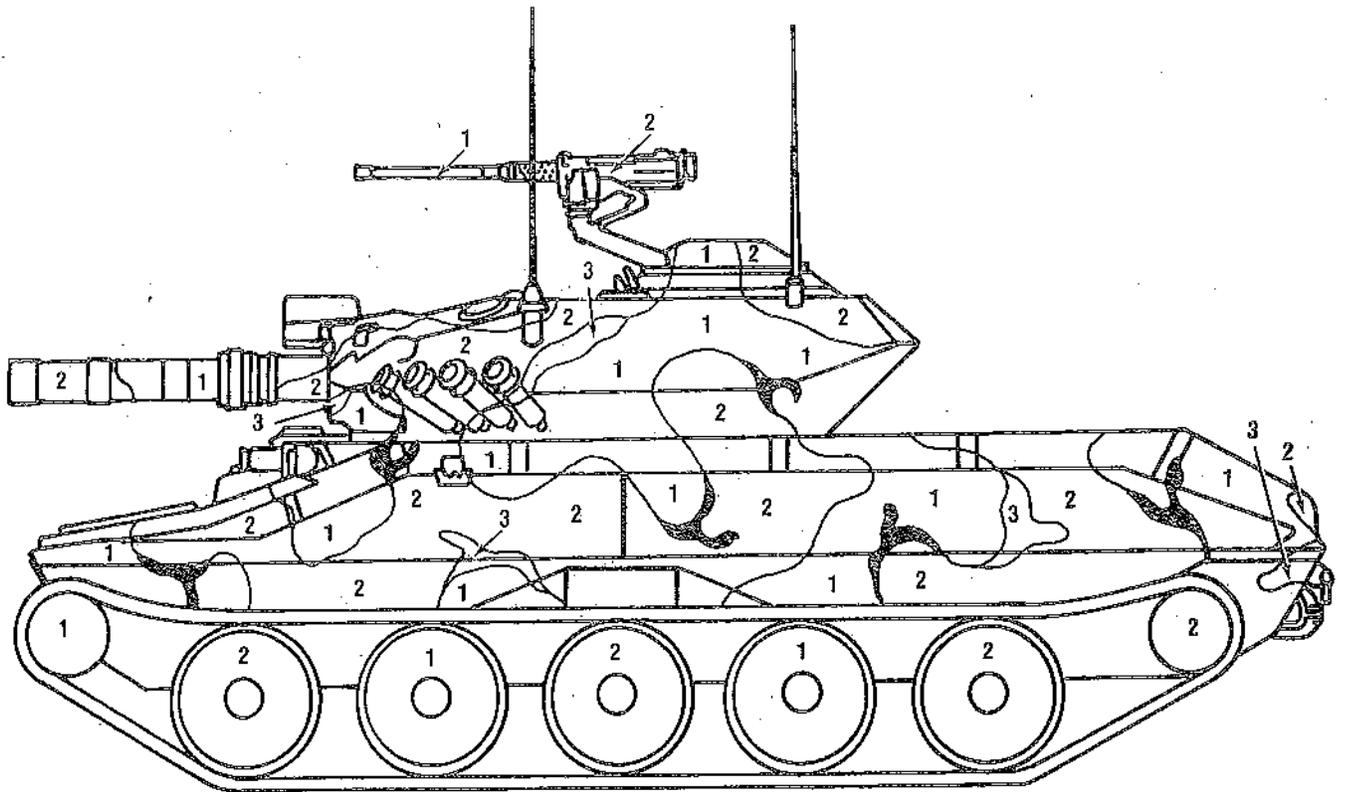
Figure 109. Loader-transporter, guided missile: XM501. (2 of 2)



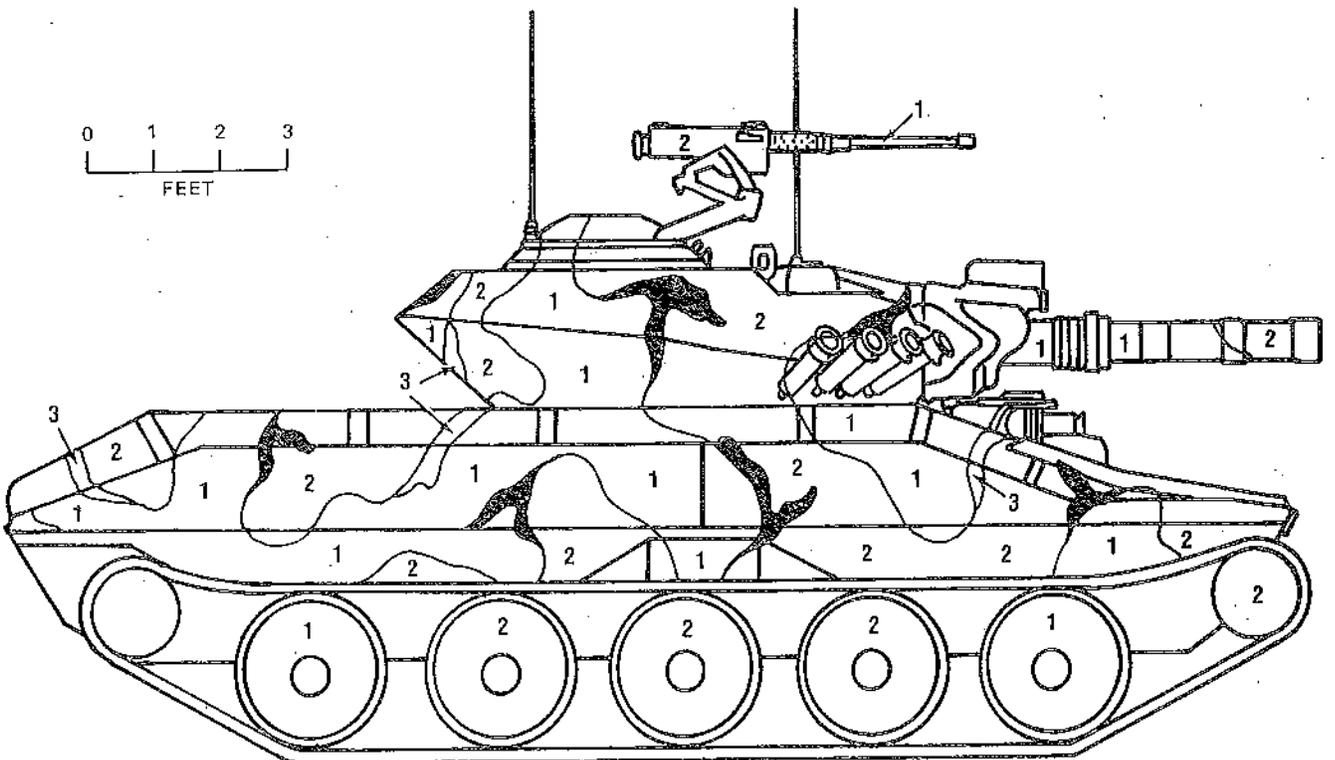
TOP VIEW

1A031815

Figure 110. Armored reconnaissance/airborne assault vehicle: full-tracked, M152 MM, M551. (1 of 2).



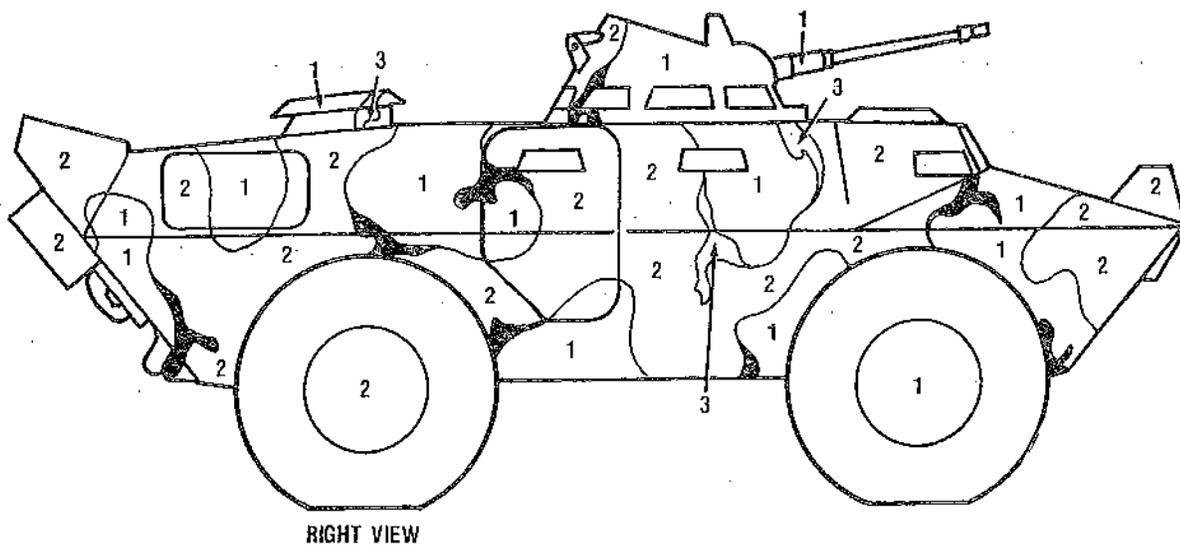
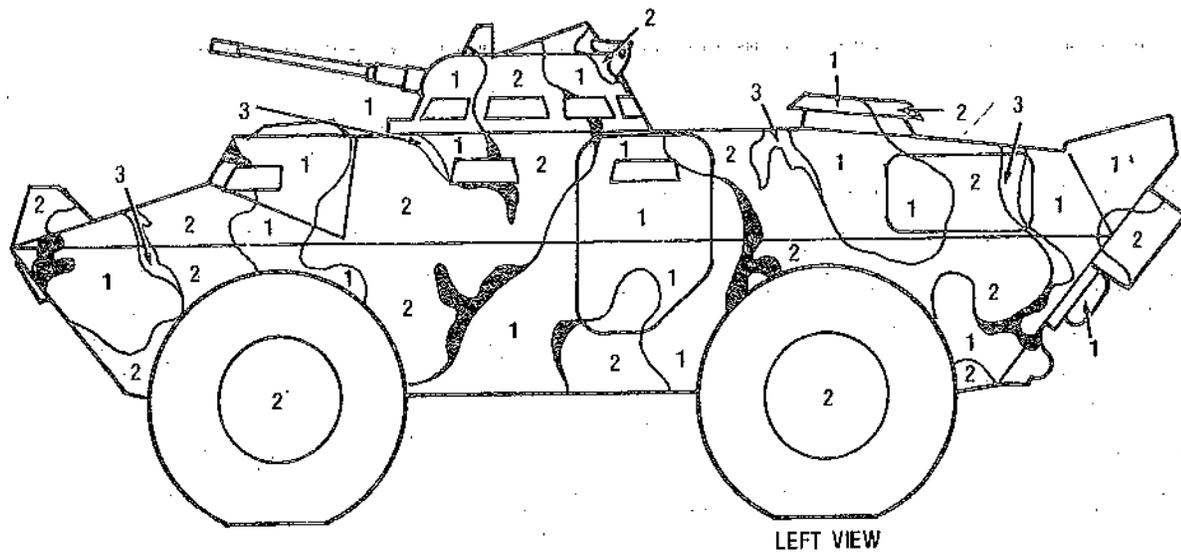
LEFT VIEW



RIGHT VIEW

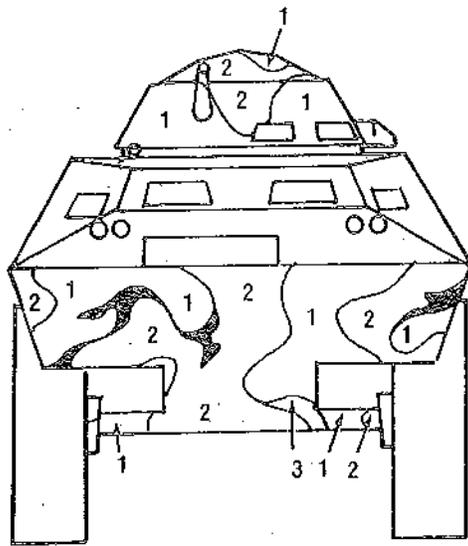
TA031816

Figure 111. Armored reconnaissance/airborne assault vehicle: full-tracked, M152 MM, M551. (2 of 2)

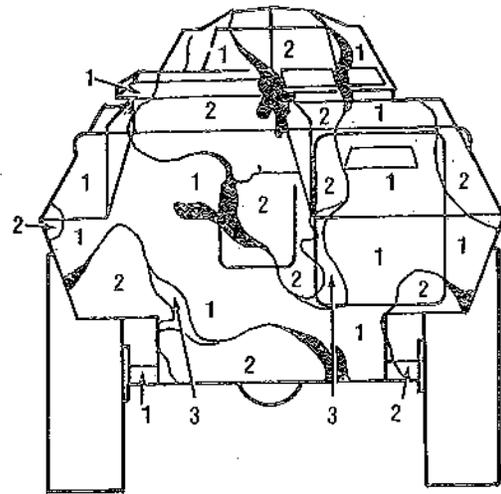


TA031714

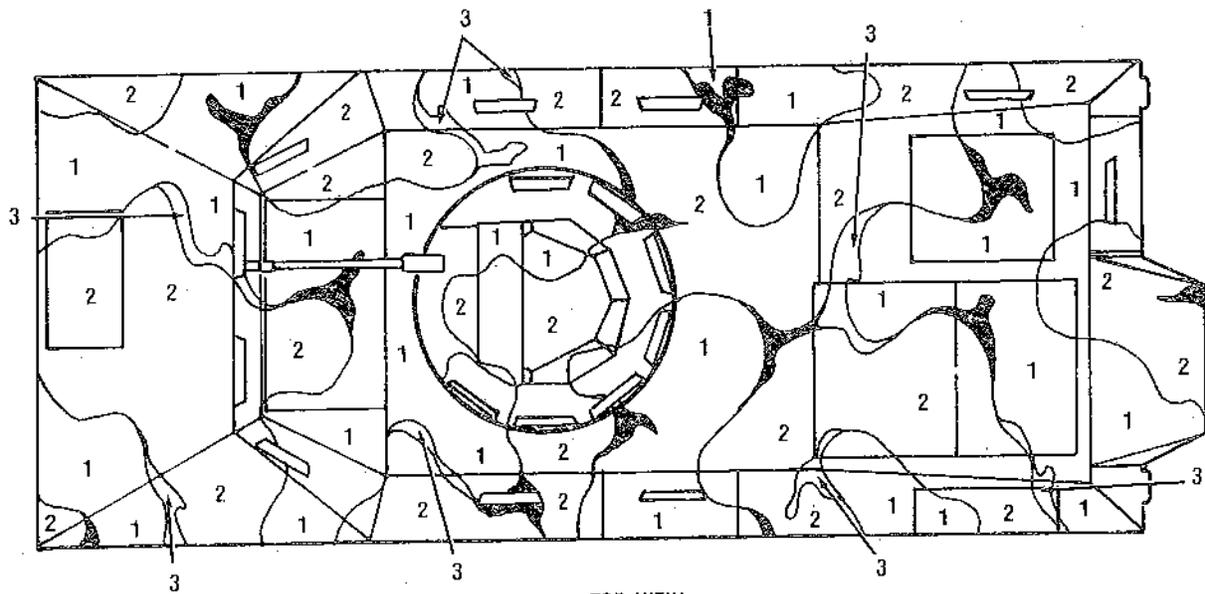
Figure 112. Commando vehicle w/50-caliber machine gun: M706E1. (1 of 2)



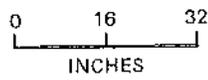
FRONT VIEW



REAR VIEW

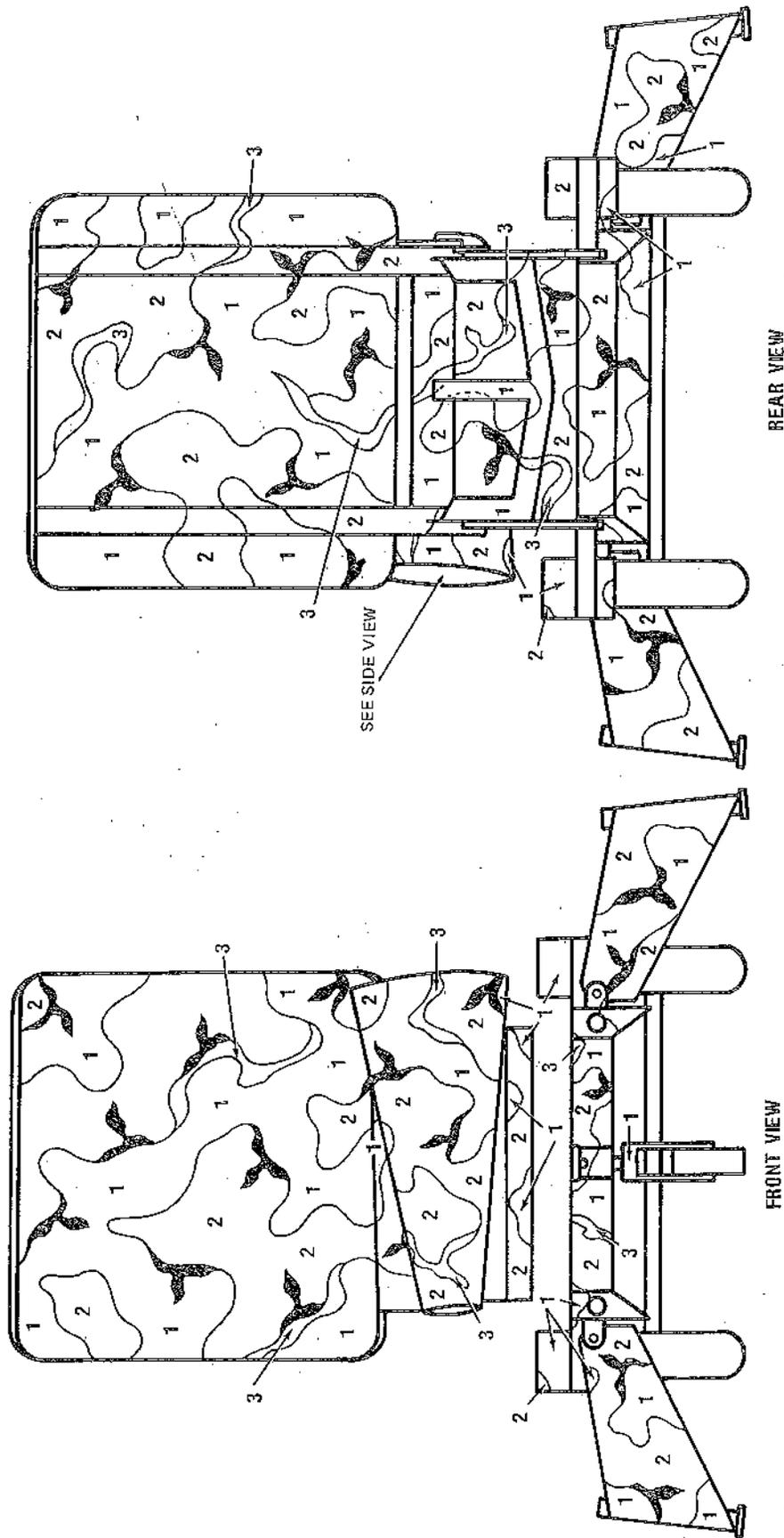


TOP VIEW



TA031715

Figure 113. Commando vehicle w/50-caliber machine gun: M706E1. (2 of 2)



0 3 6 9 12 24 36 48  
 INCHES

Figure 114. Artillery radar. (1 of 2)

TA031660

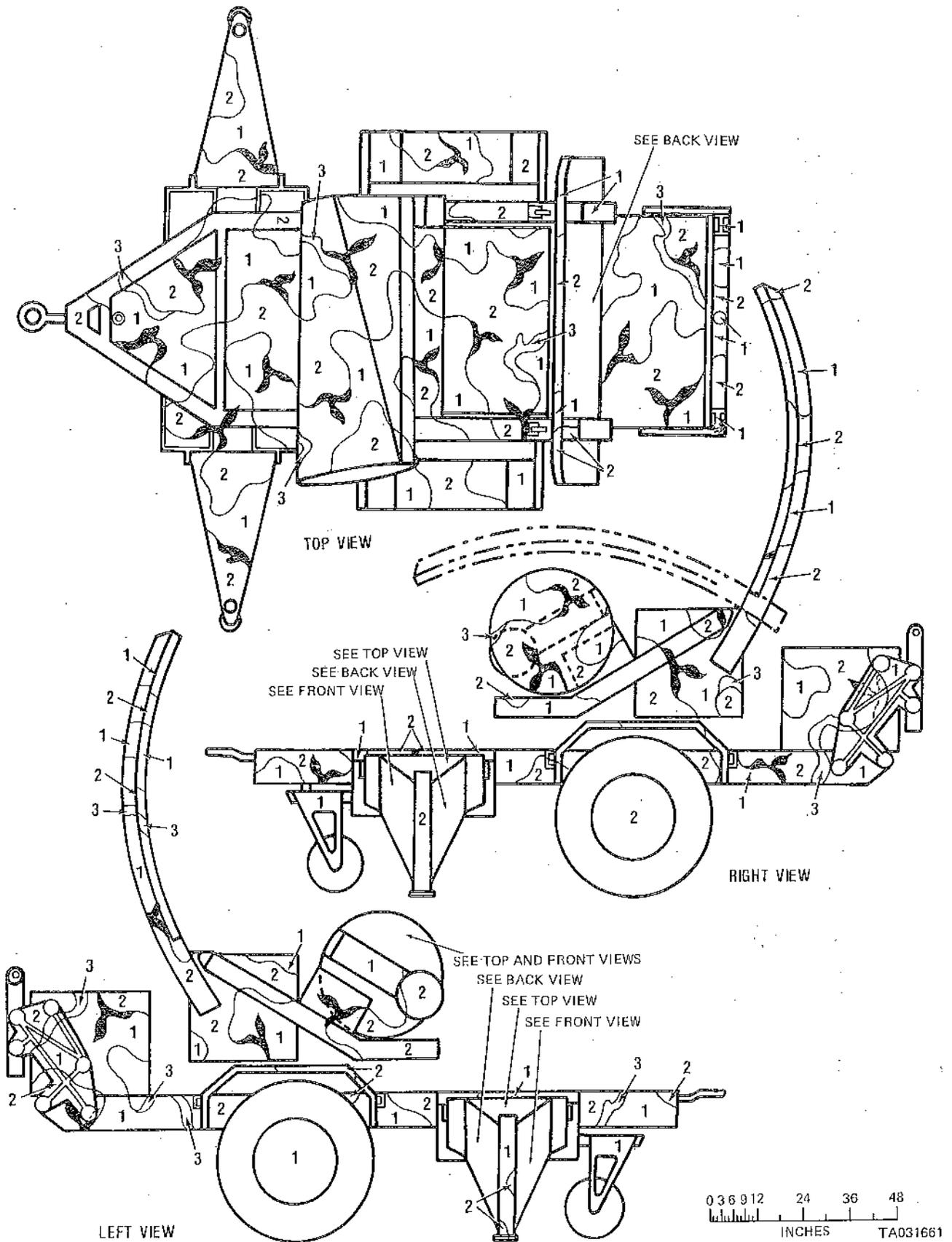


Figure 115. Artillery radar. (2 of 2)

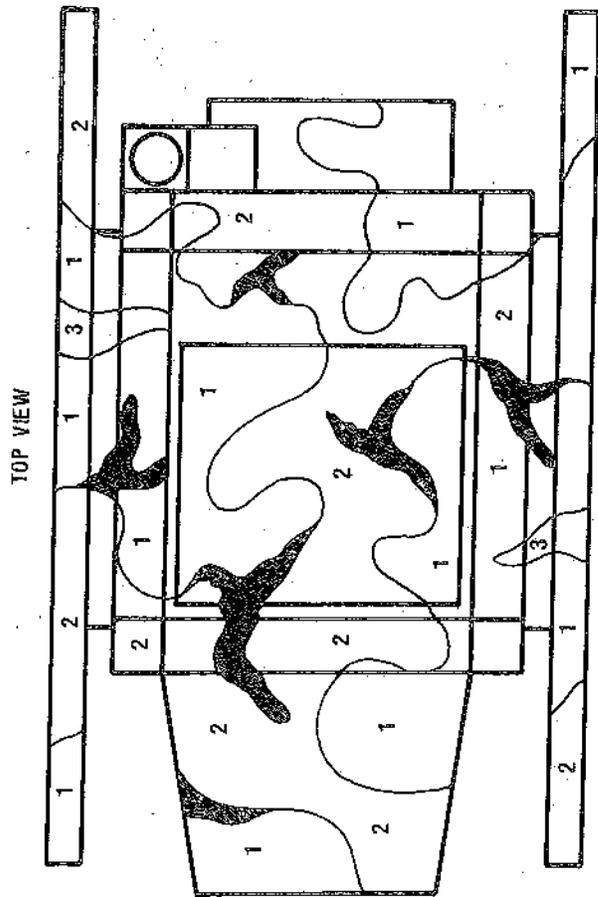
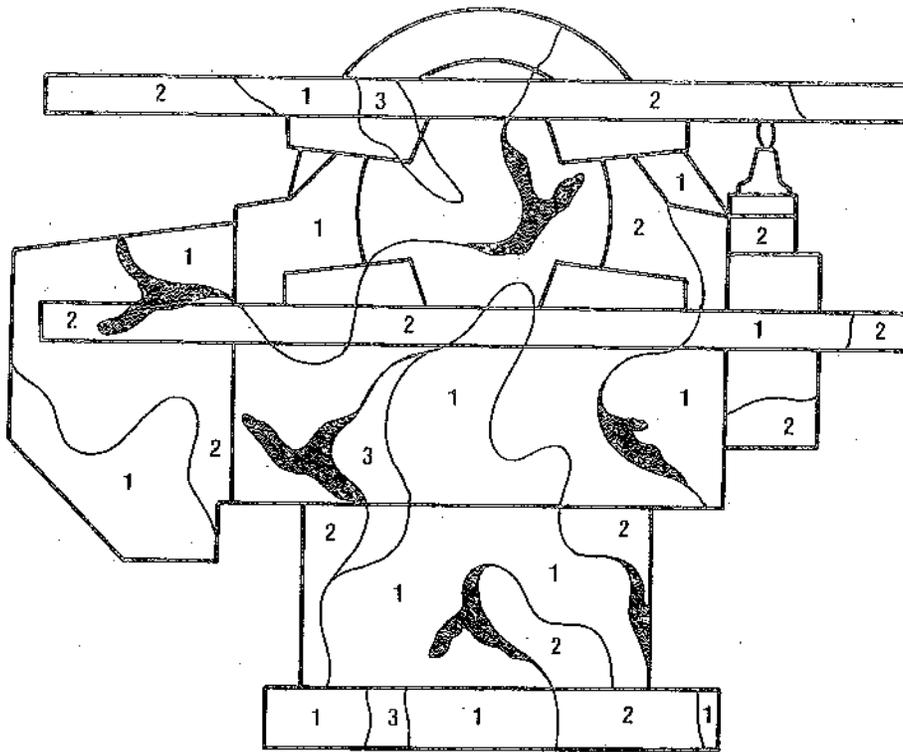
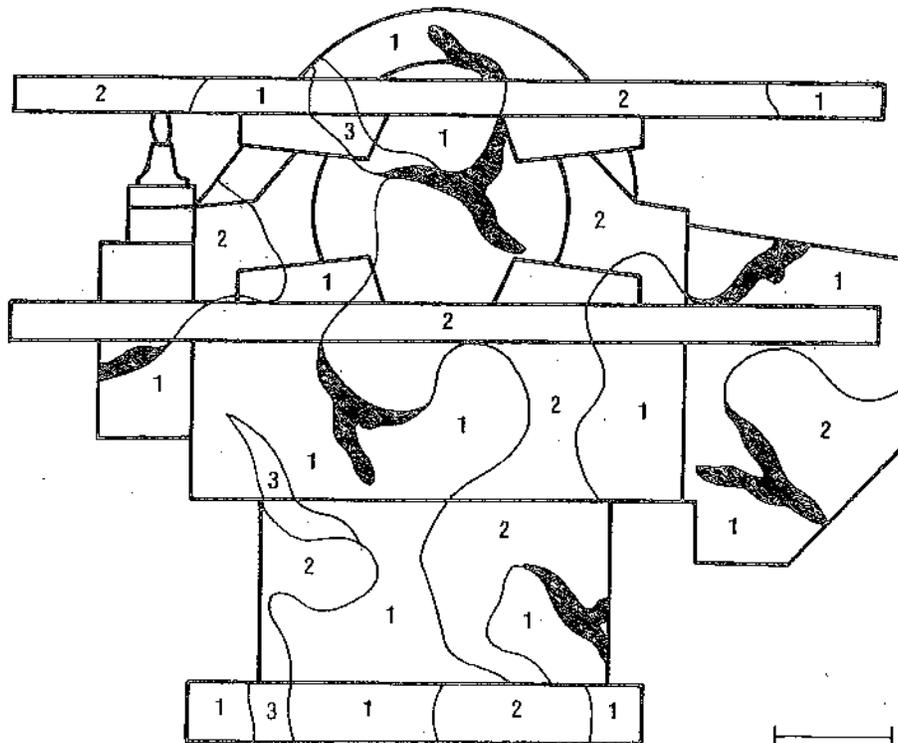


Figure 116. CHAPARRAL, launcher. (1 of 3)



LEFT VIEW



RIGHT VIEW

12 INCHES

TA031639

Figure 117. CHAPARRAL, launcher. (2 of 3)

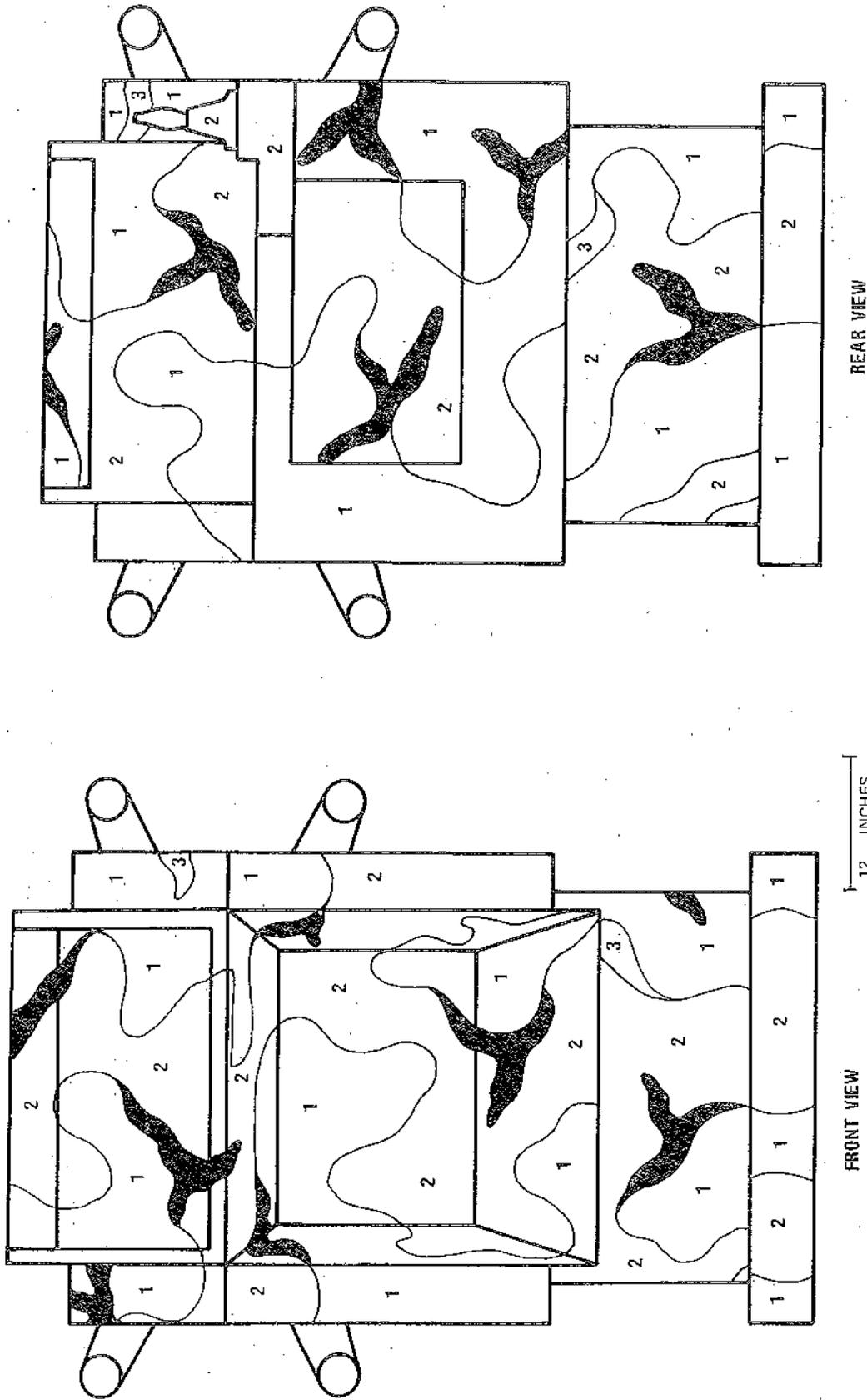
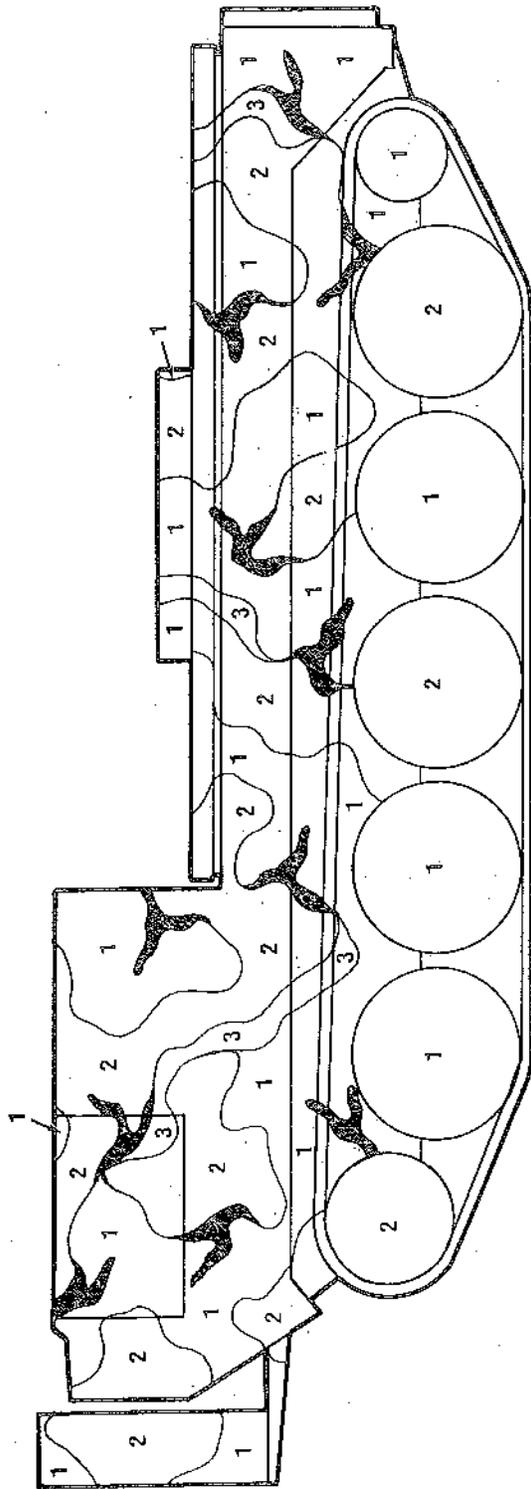
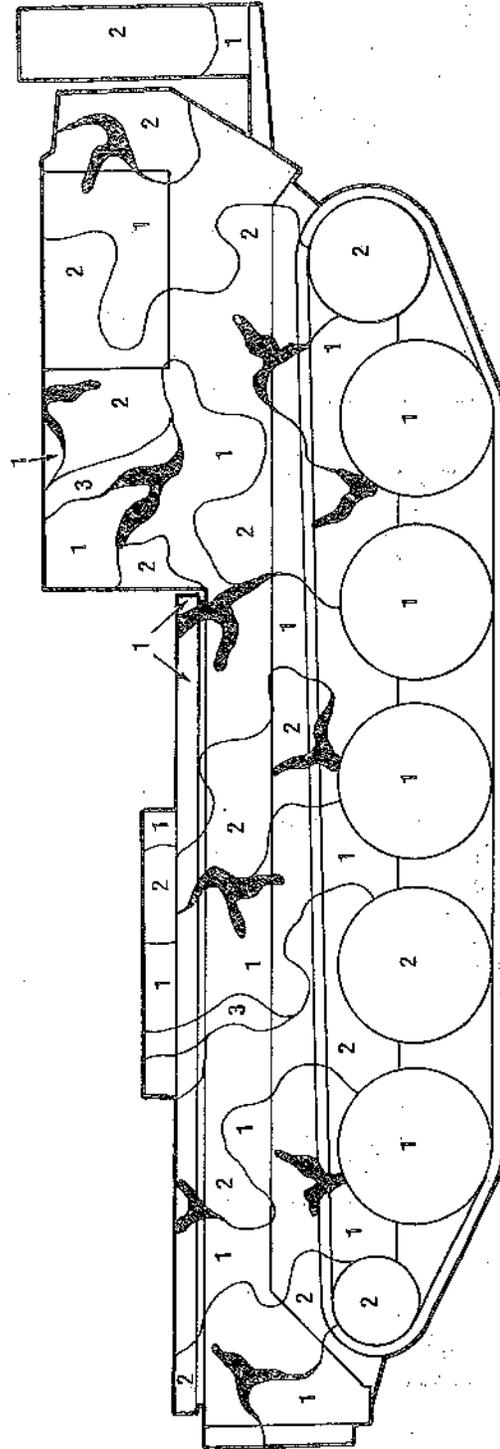


Figure 118. CHAPARRAL, launcher, (3 of 3)

TA031640



LEFT VIEW

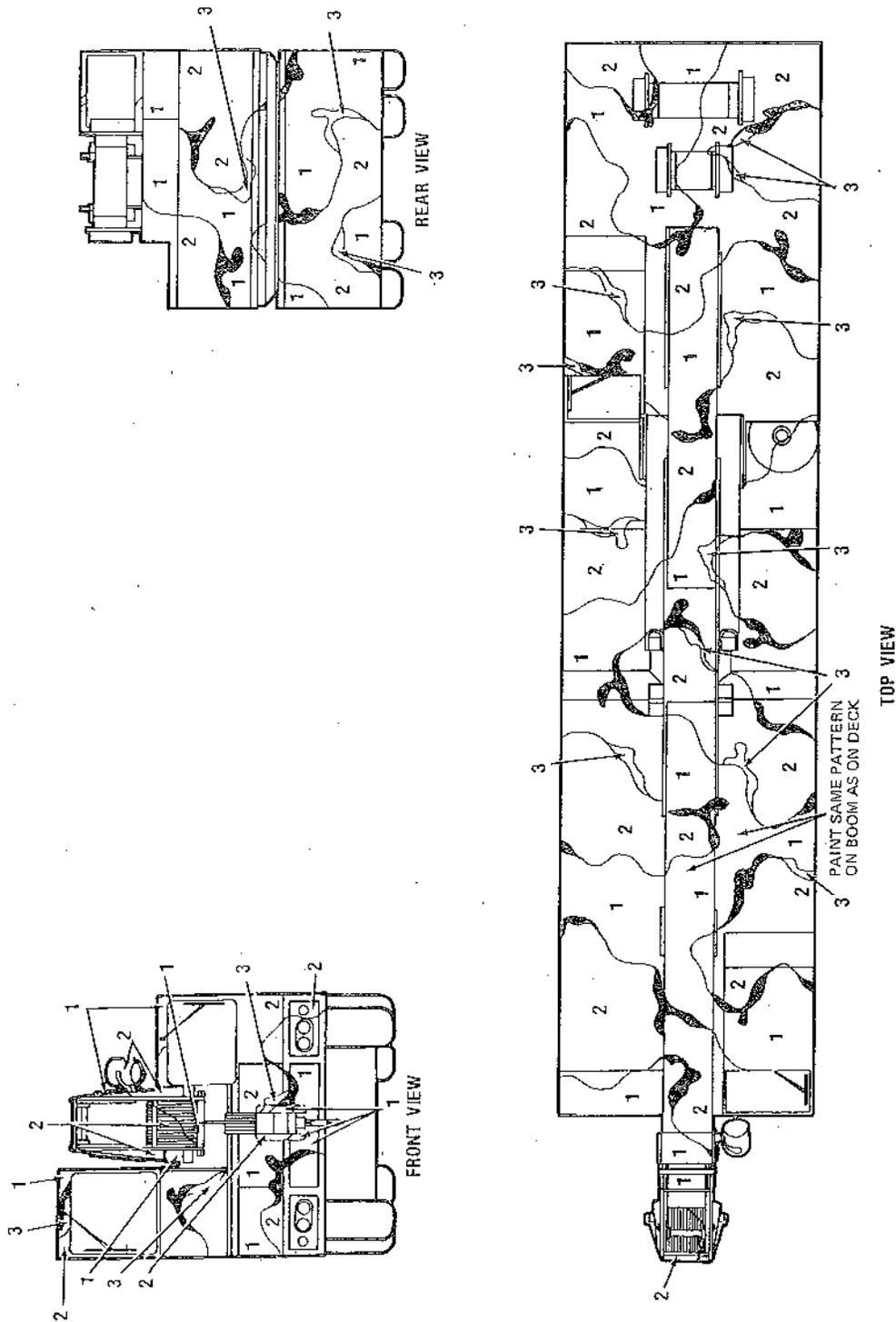


RIGHT VIEW

12 INCHES

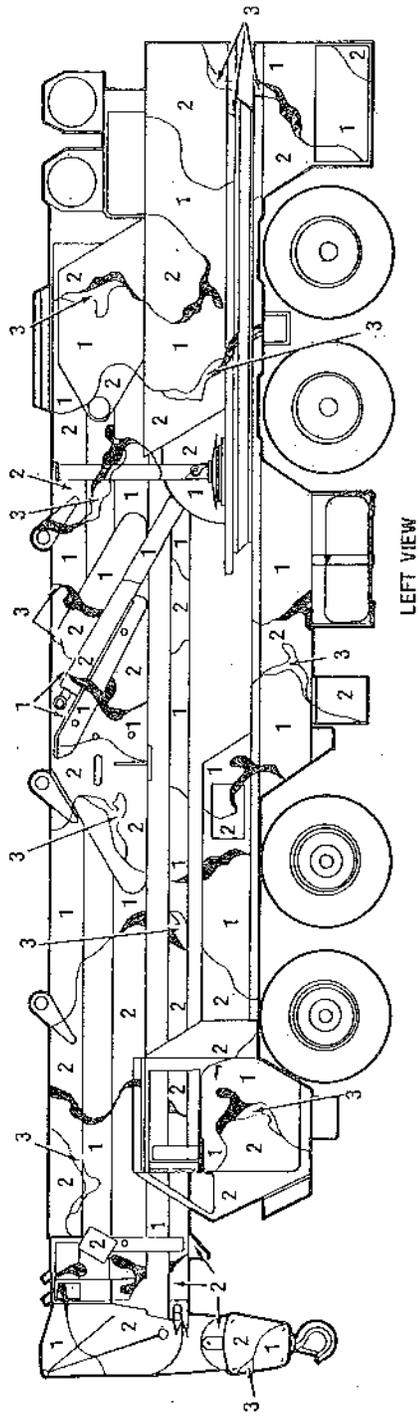
TA031673

Figure 119. CHAPARRAL, carrier. (1 of 2)

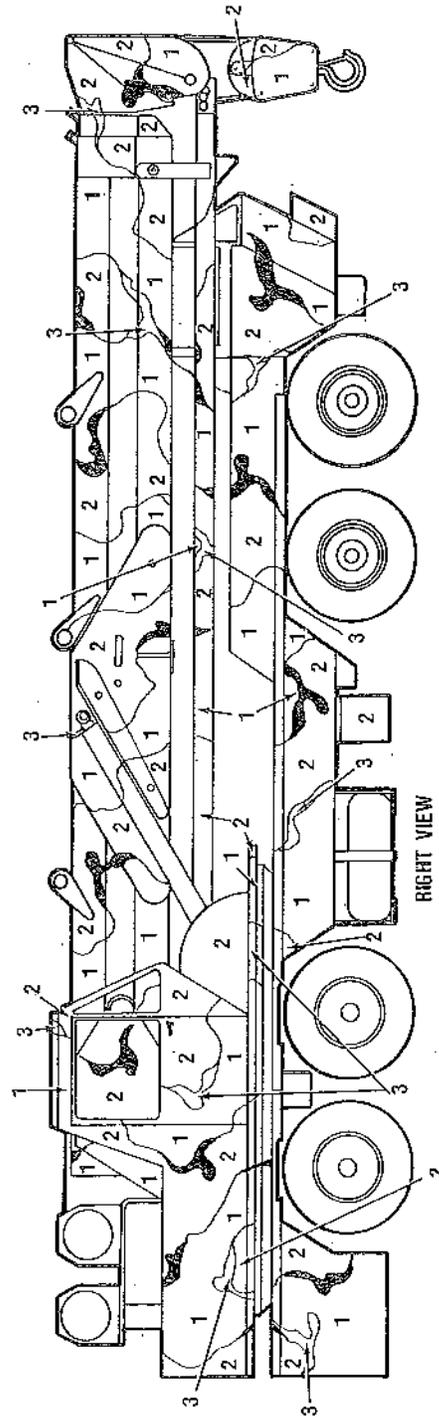


TA031787

Figure 168. Crane, hydraulic, truck, mounted, 25-ton, CCE. (1 of 2)



LEFT VIEW



RIGHT VIEW

0 10 20  
INCHES

TA031788

Figure 169. Crane, hydraulic, truck, mounted, 25-ton, CCE. (2 of 2)

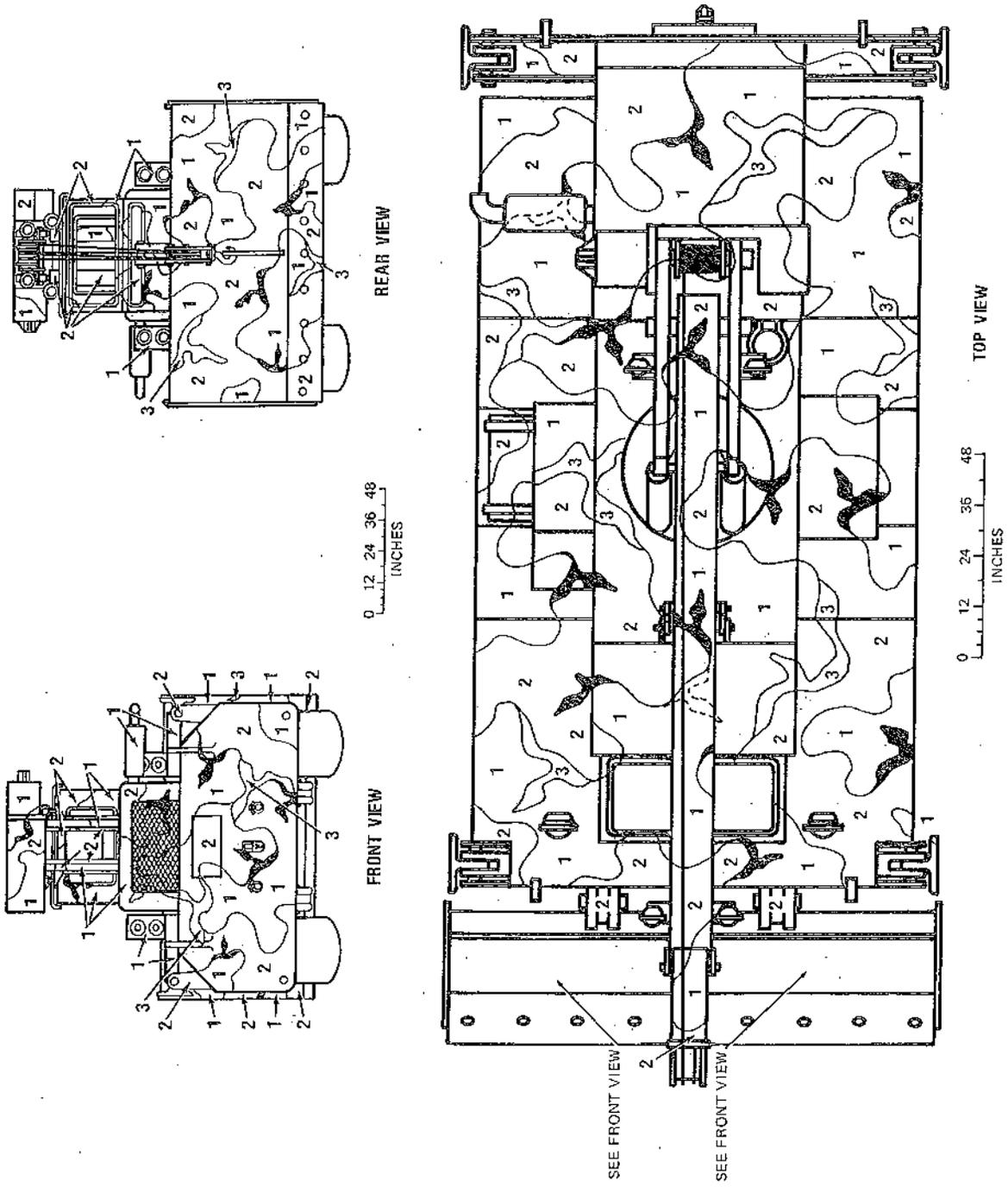
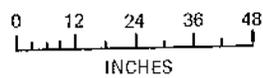
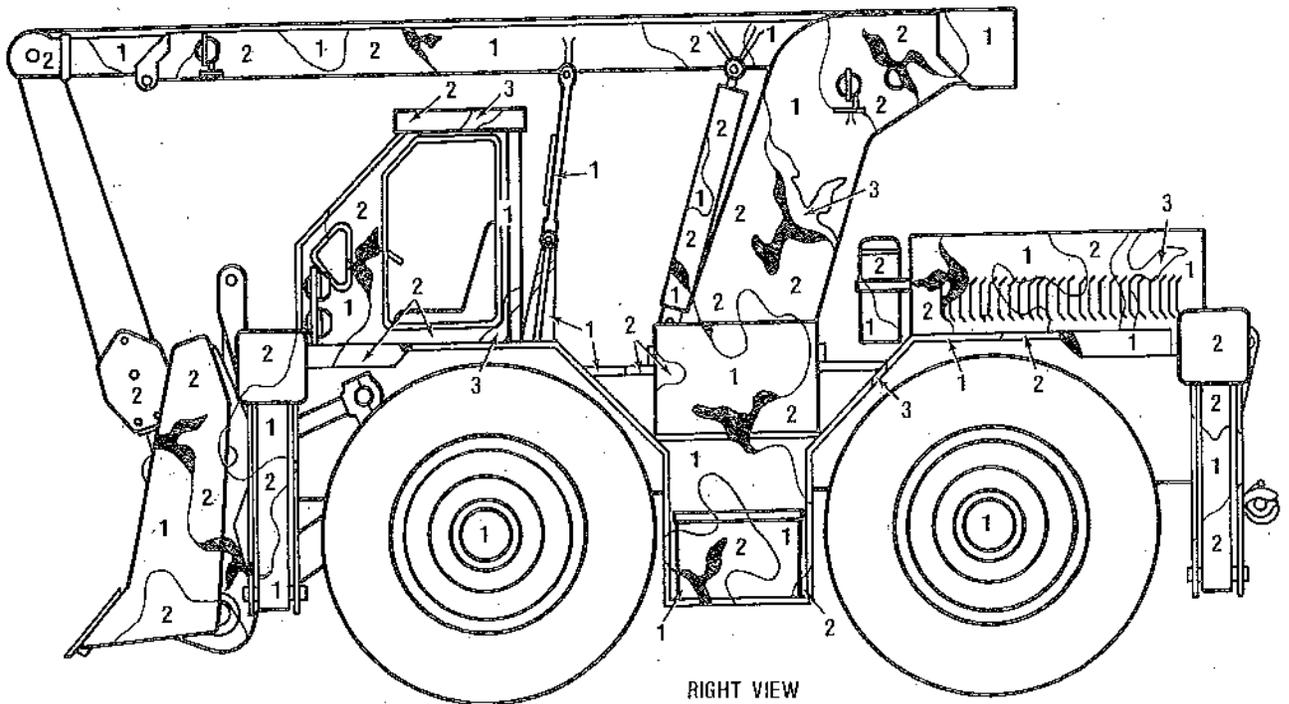
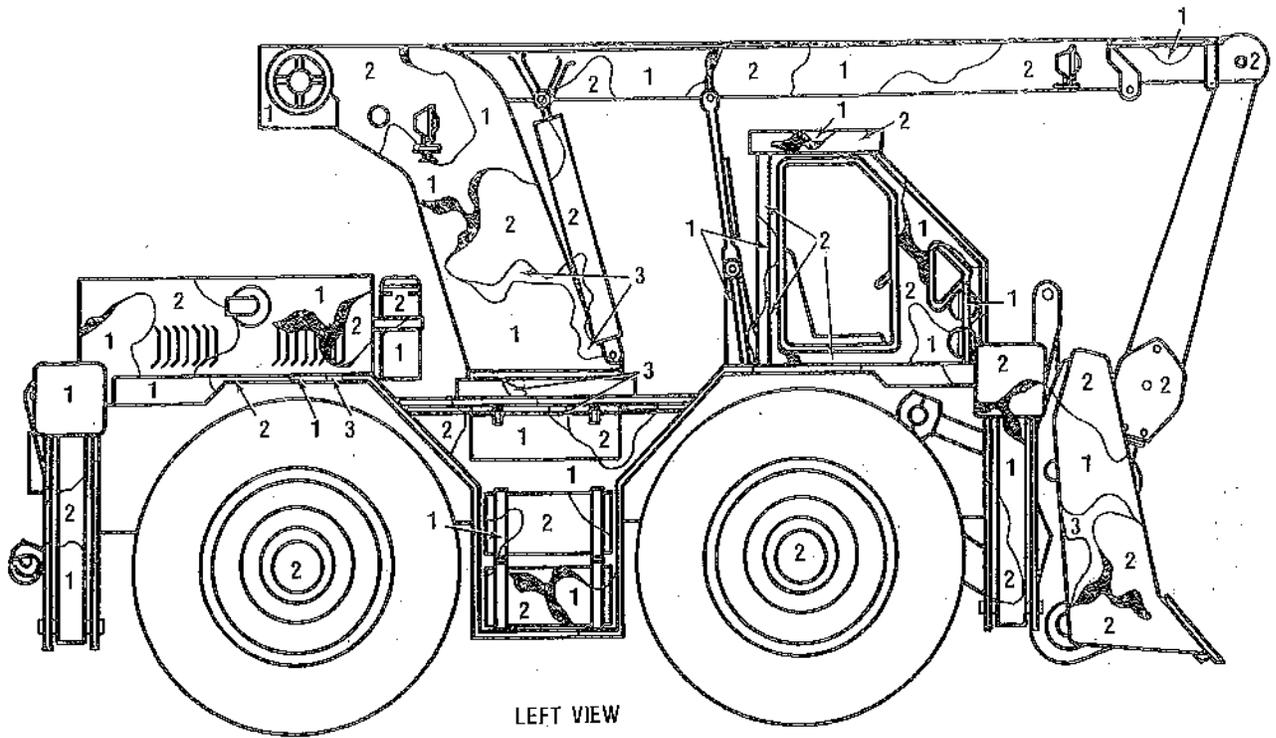


Figure 170. R. T. Crane H446. (1 of 2)

TA031720



TA031721

Figure 171. R. T. Crane H446. (2 of 2)

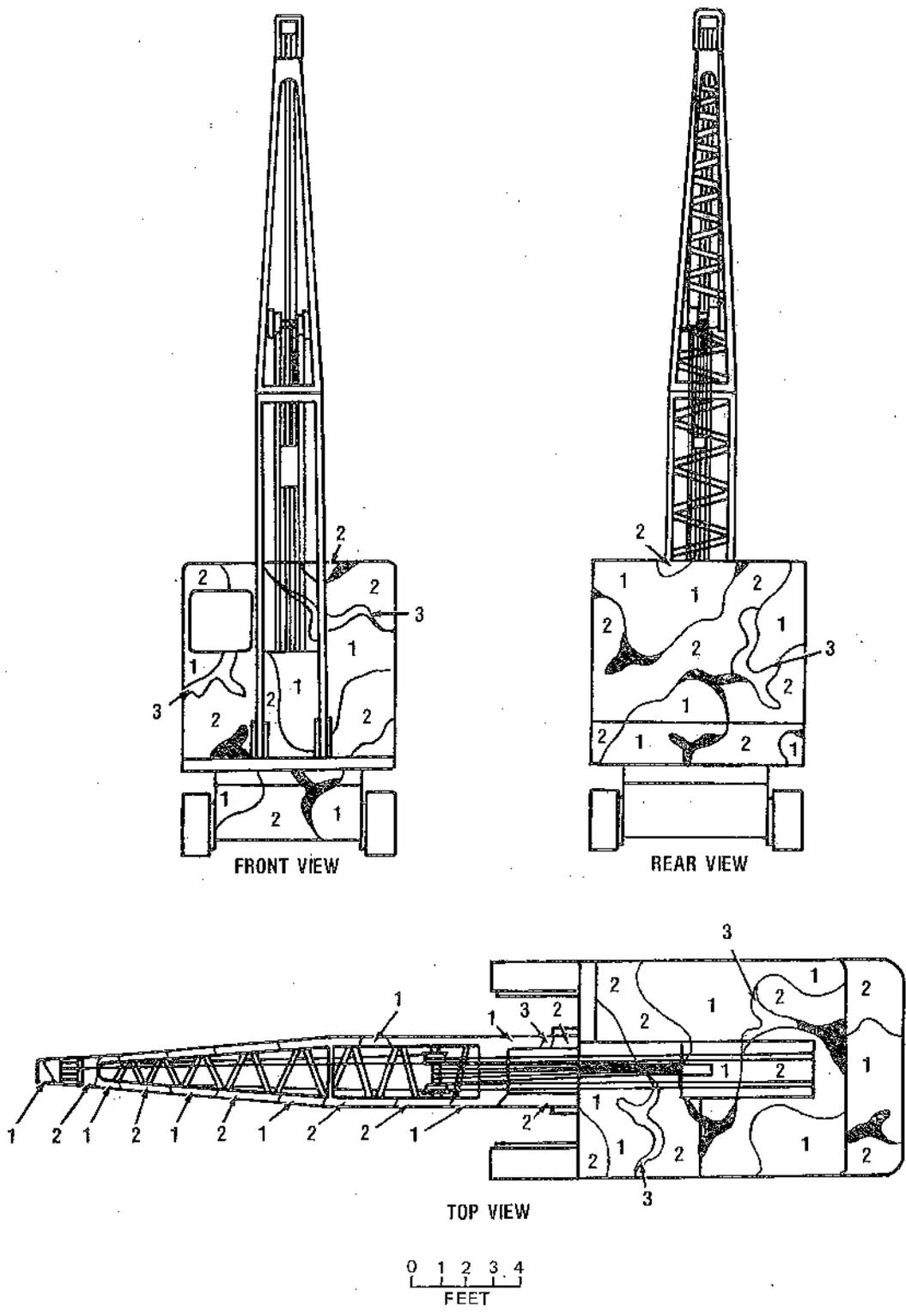


Figure 172. Crane, shovel, crawler mounted, 12½-ton, MIL-C-52640. (1 of 2)

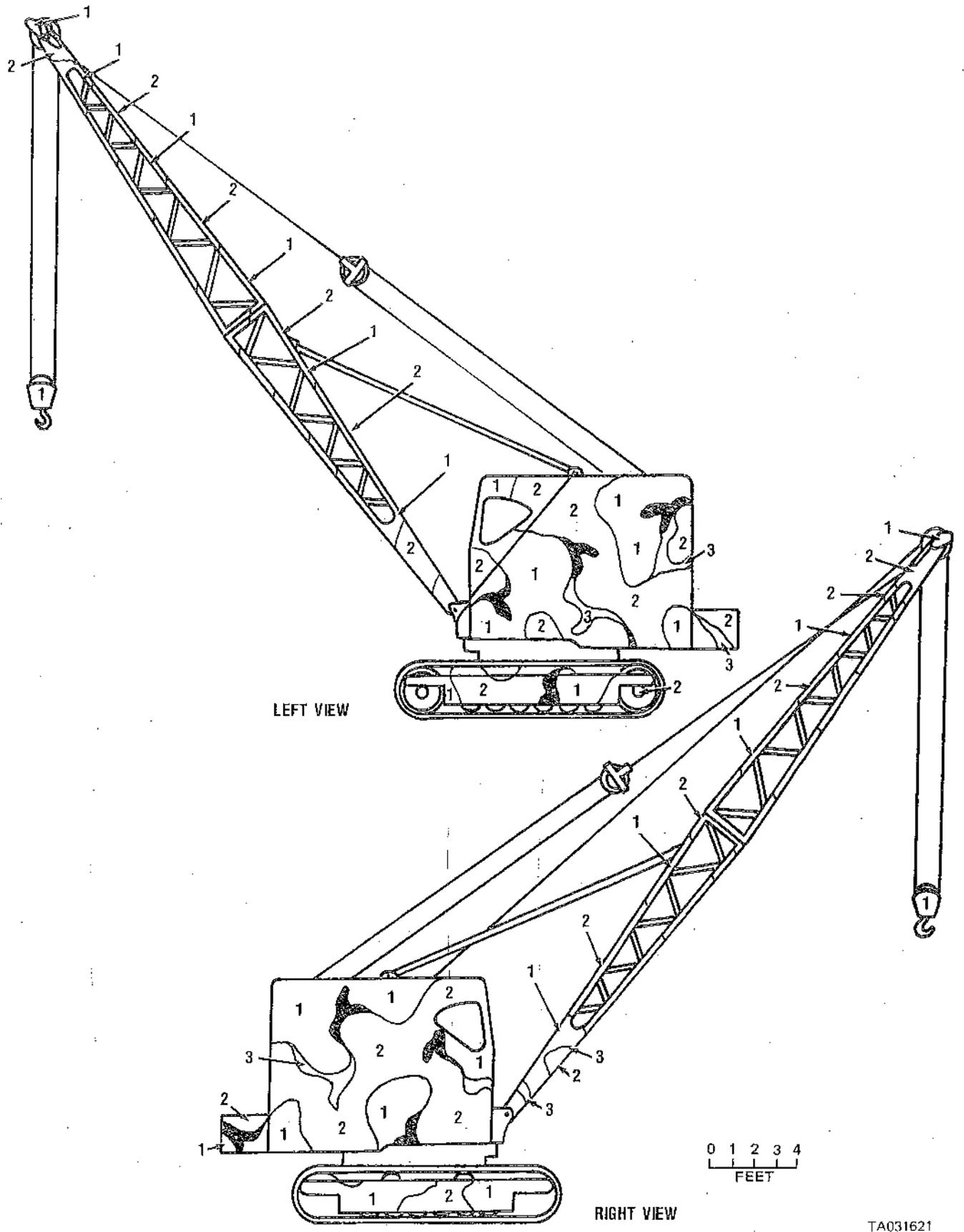


Figure 173. Crane shovel, crawler mounted, 12½-ton MIL-C-52640. (2 of 2)

TA031621

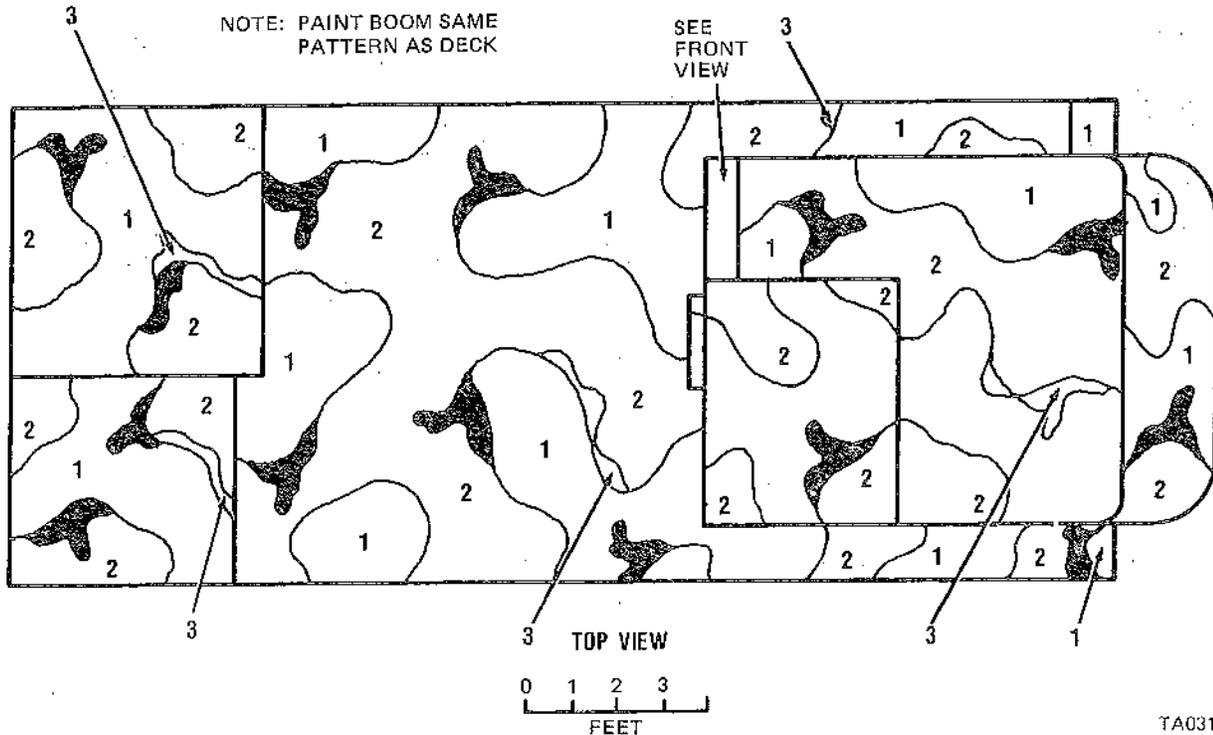
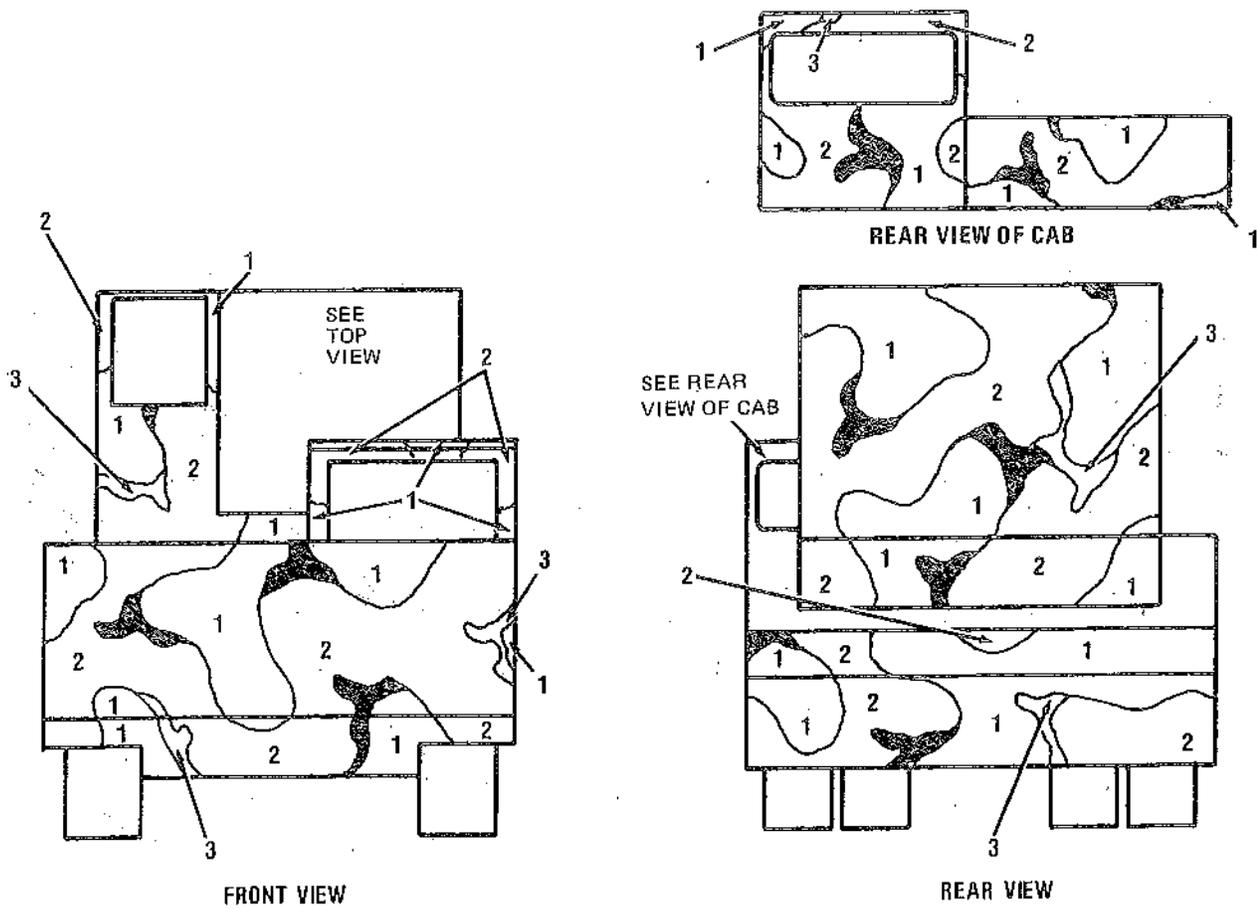
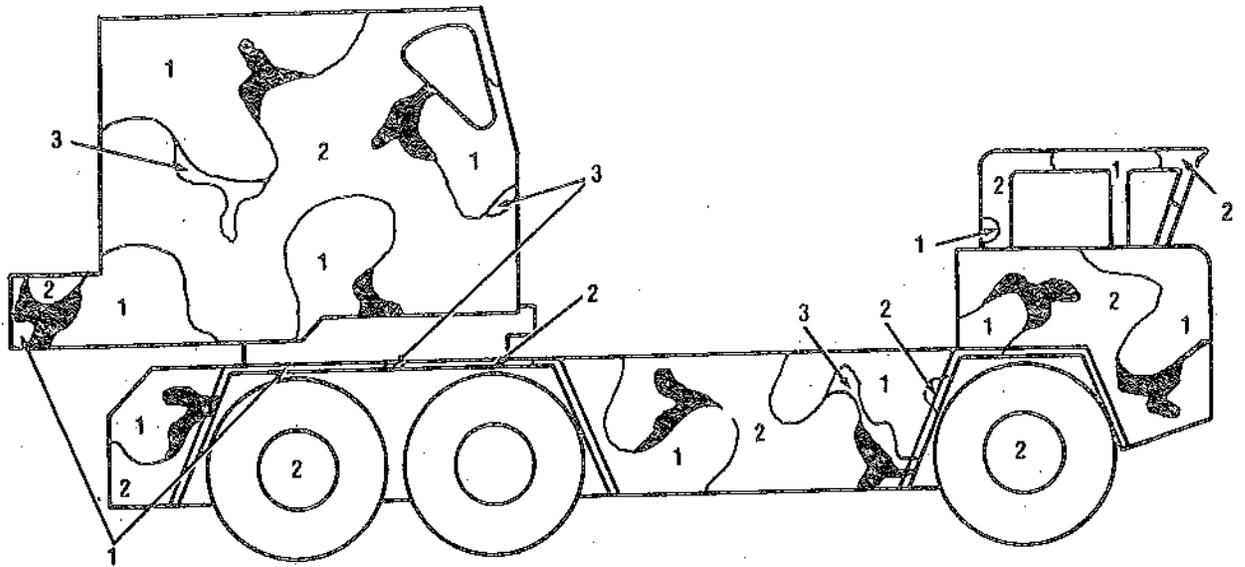
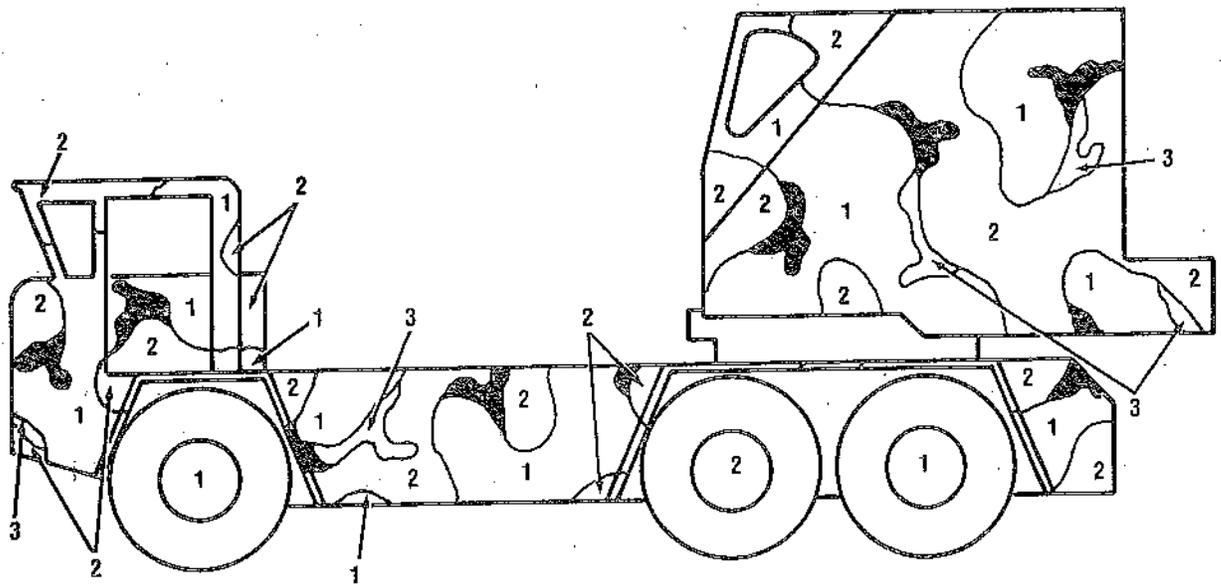


Figure 174. Crane shovel truck, mounted, 20-ton, MIL-C-10466. (1 of 2)



LEFT VIEW

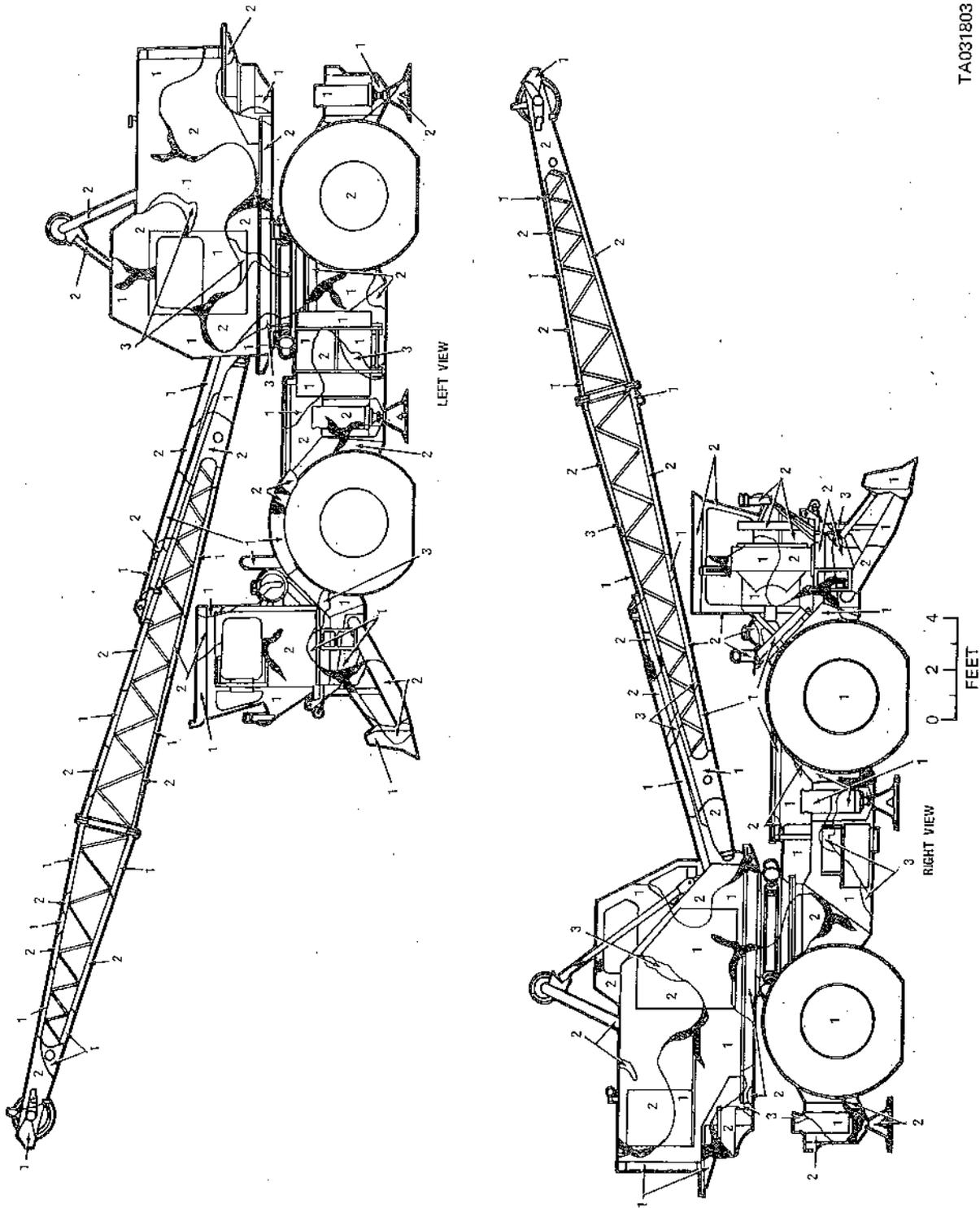


RIGHT VIEW



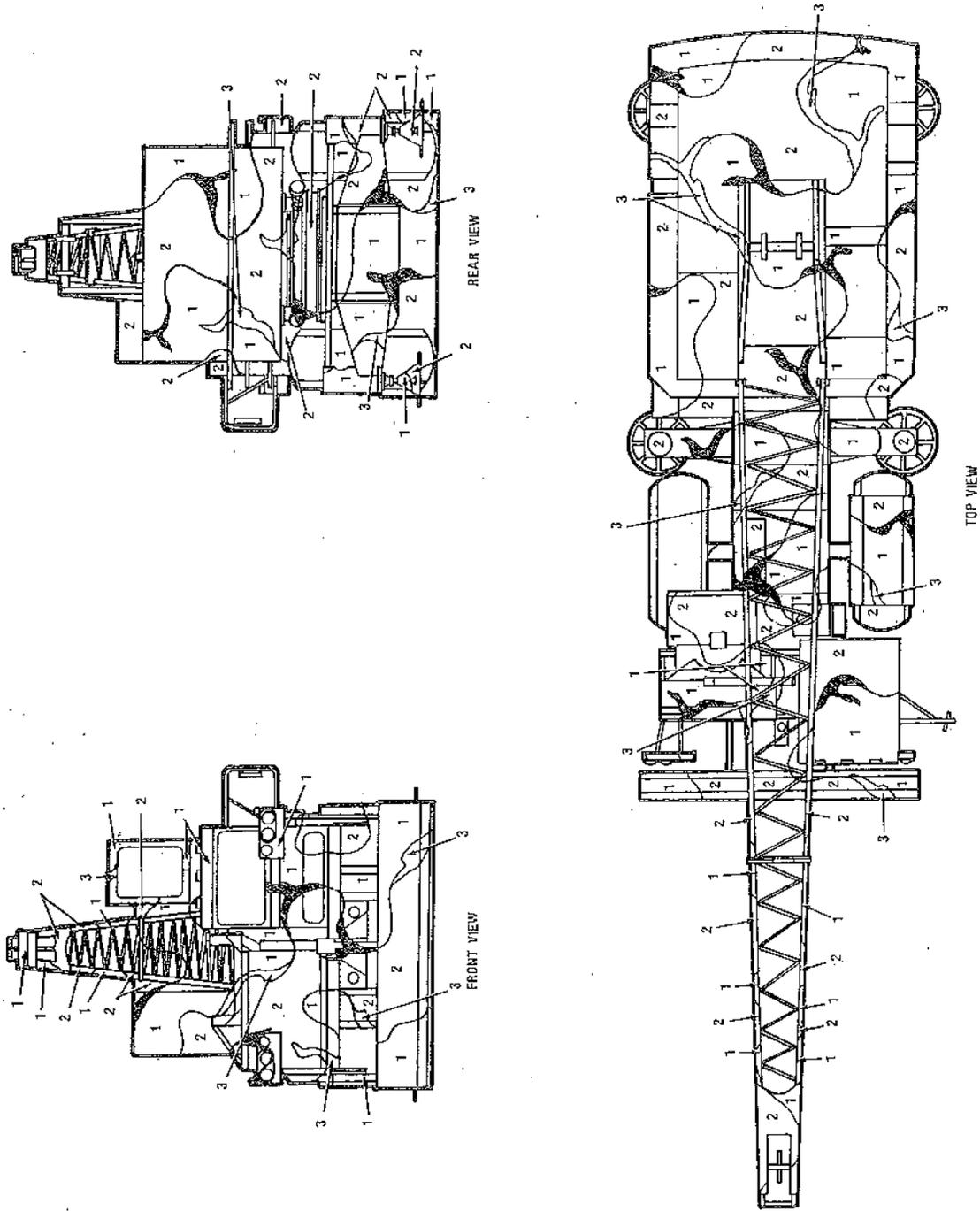
TA031747

Figure 175. Crane shovel truck, mounted, 20-ton, MIL-C-10466. (2 of 2).



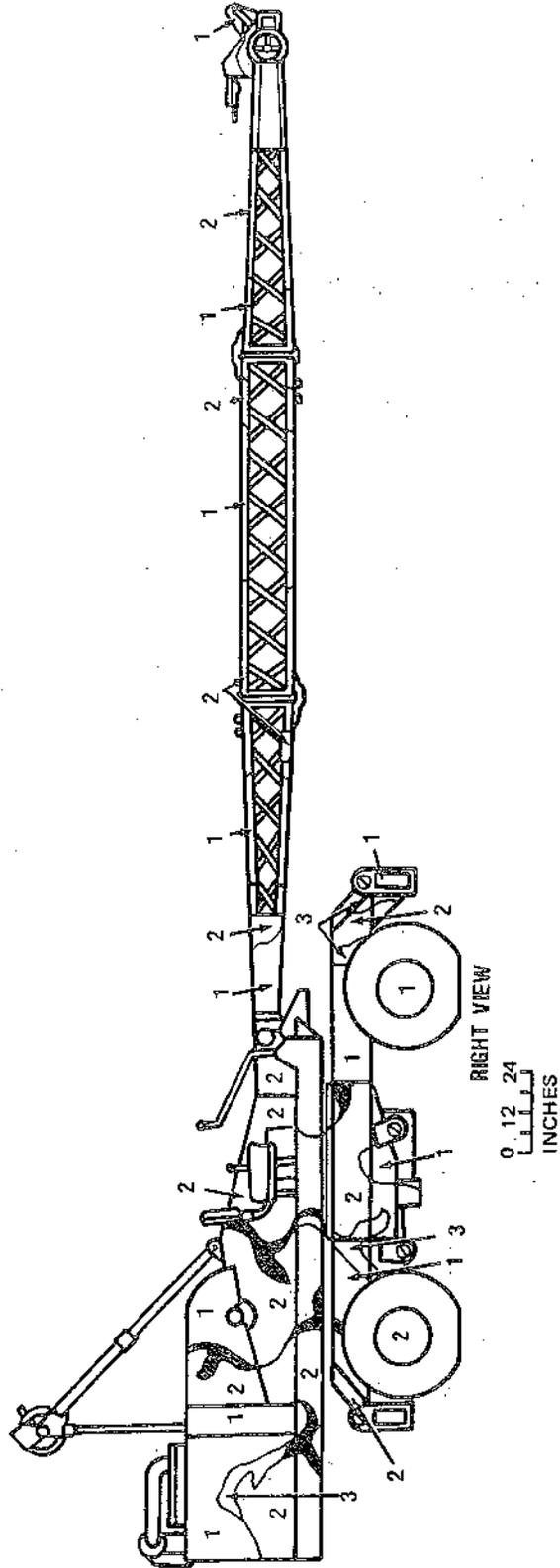
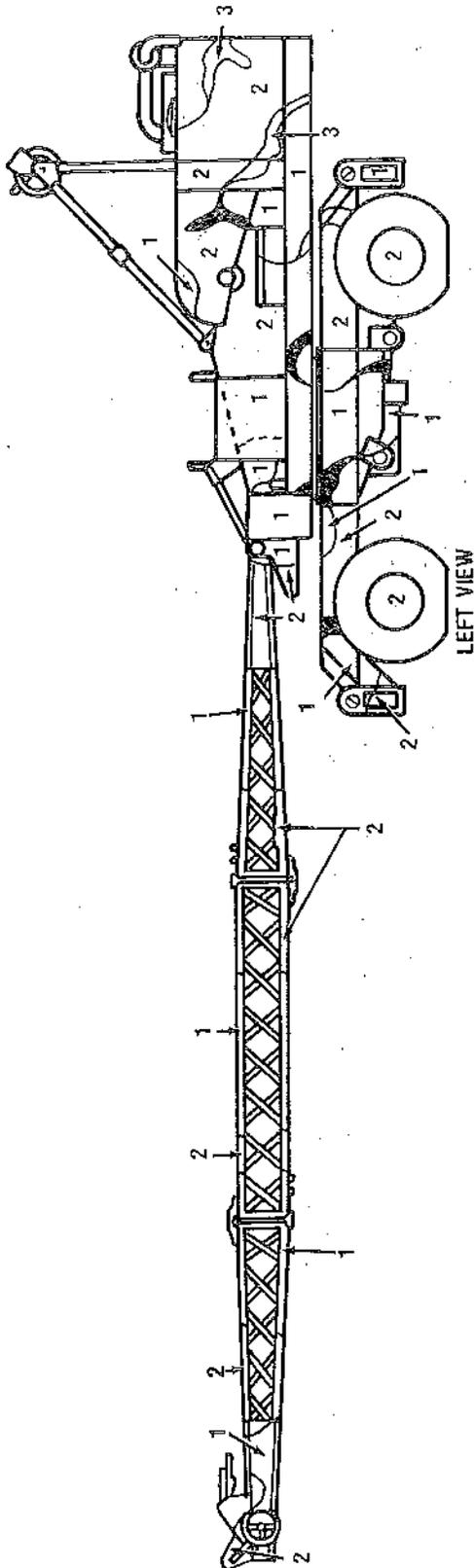
TA031803

Figure 176. Crane rough terrain, 20-ton, MIL-C-52341. (1 of 2)



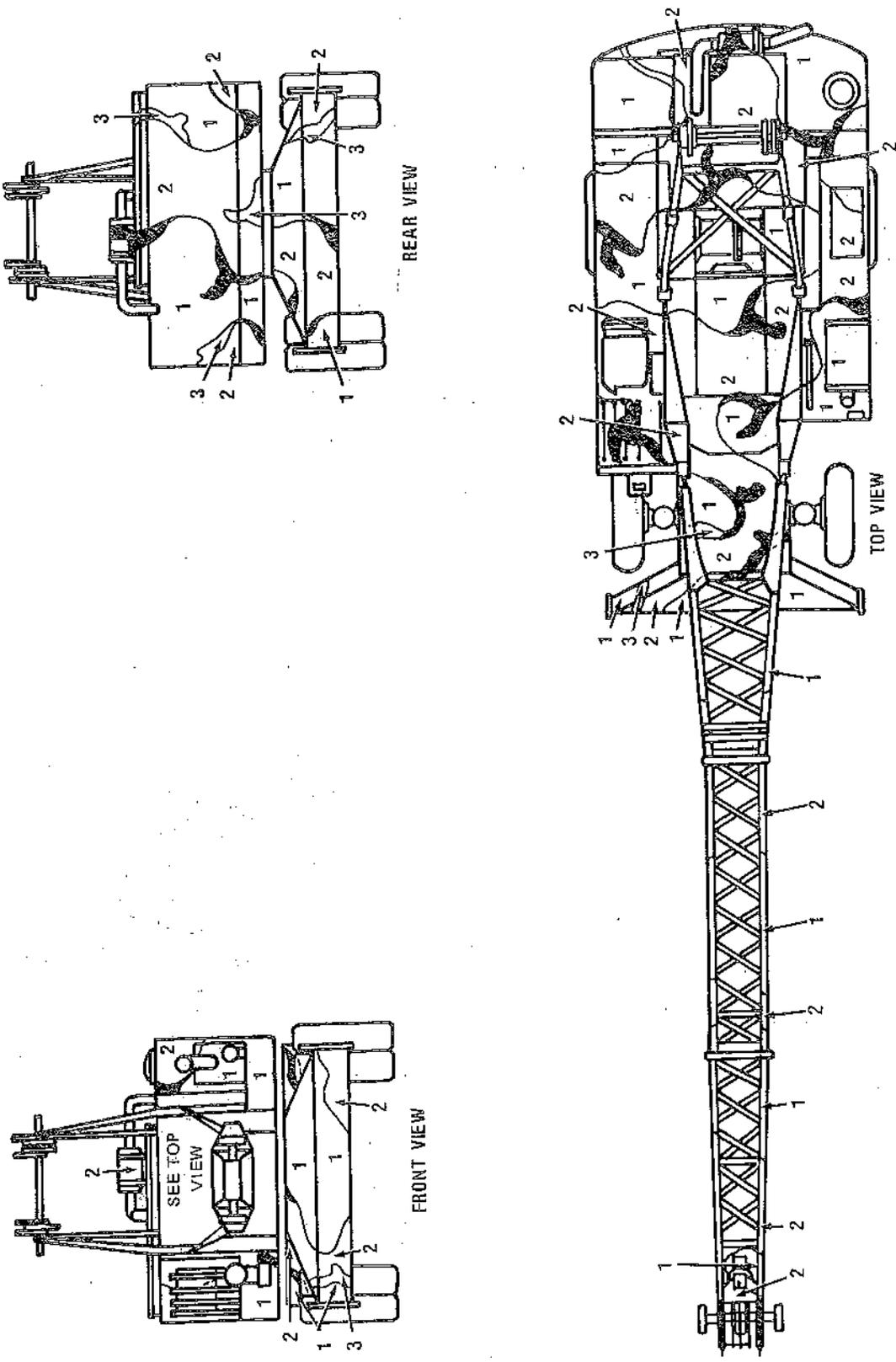
TA031804

Figure 177. Crane, rough terrain, 20-ton, MIL-C-52341. (2 of 2).



TA031700

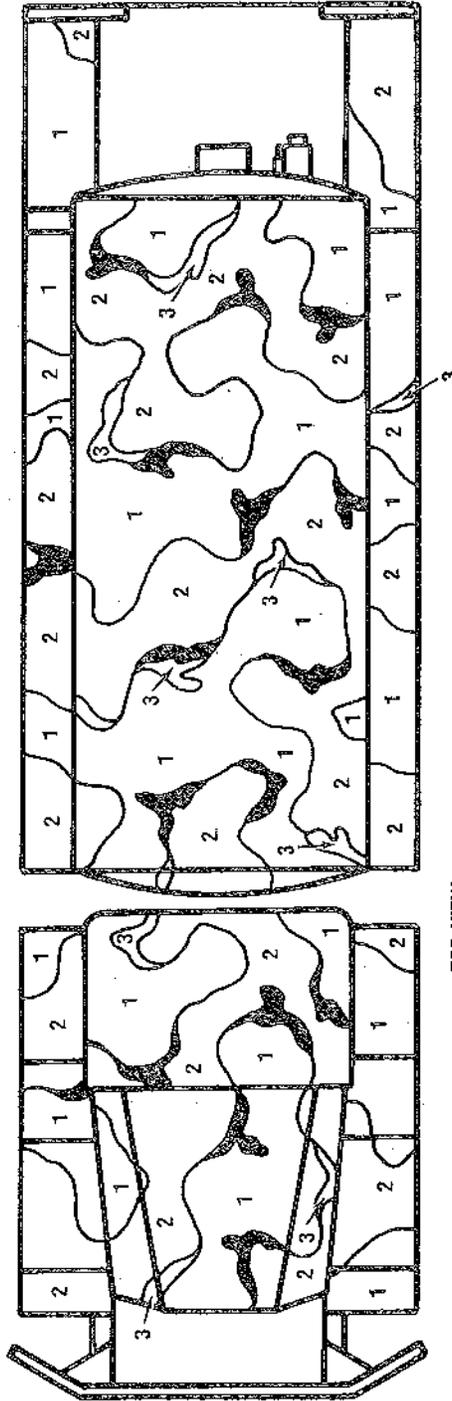
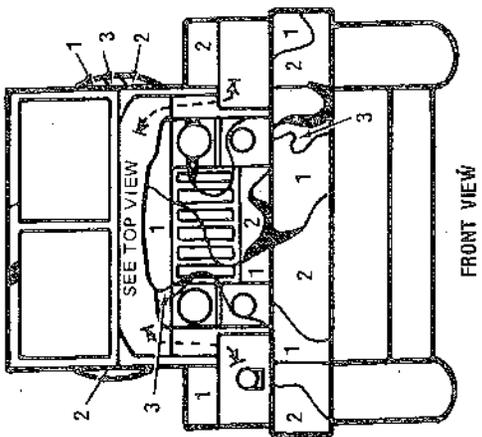
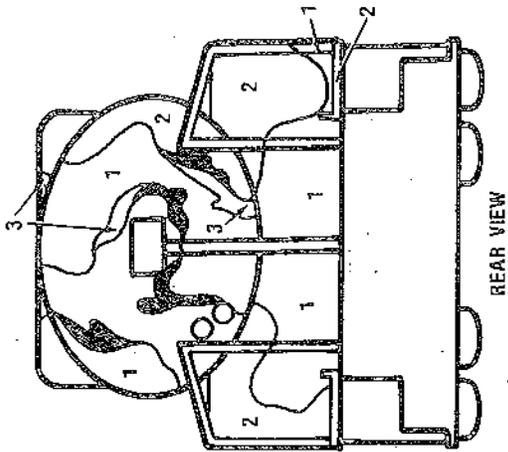
Figure 178. Crane, wheel-mounted, 7-ton AB, MIL-C-52427. (1 of 2)



NOTE: PAINT BOOM AND CABLE STRUCTURE  
SAME PATTERN AS DECK

TA031701

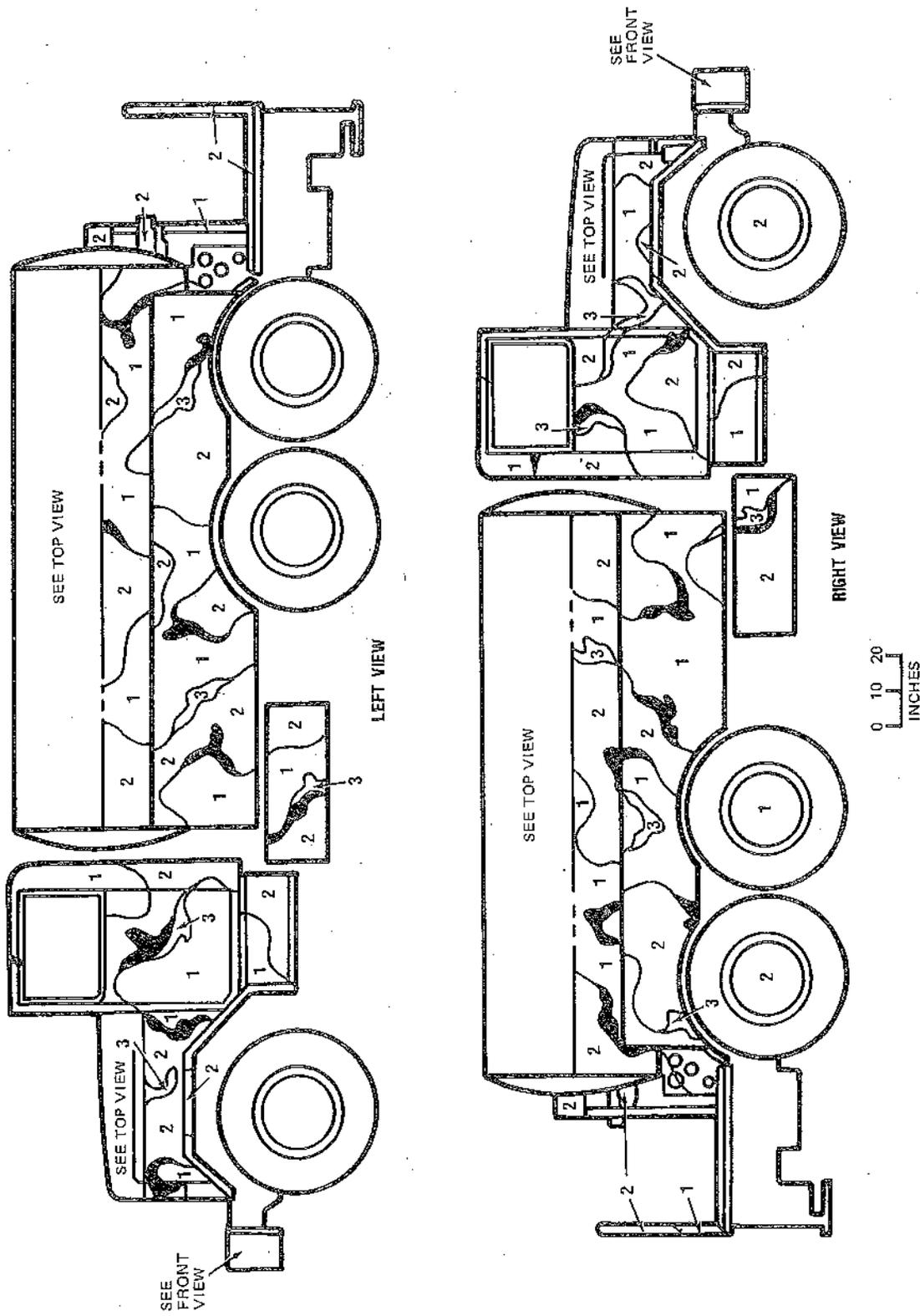
Figure 179. Crane, wheel mounted, 7-ton AB, MIL-C-52427. (2 of 2)



0 10 20  
INCHES

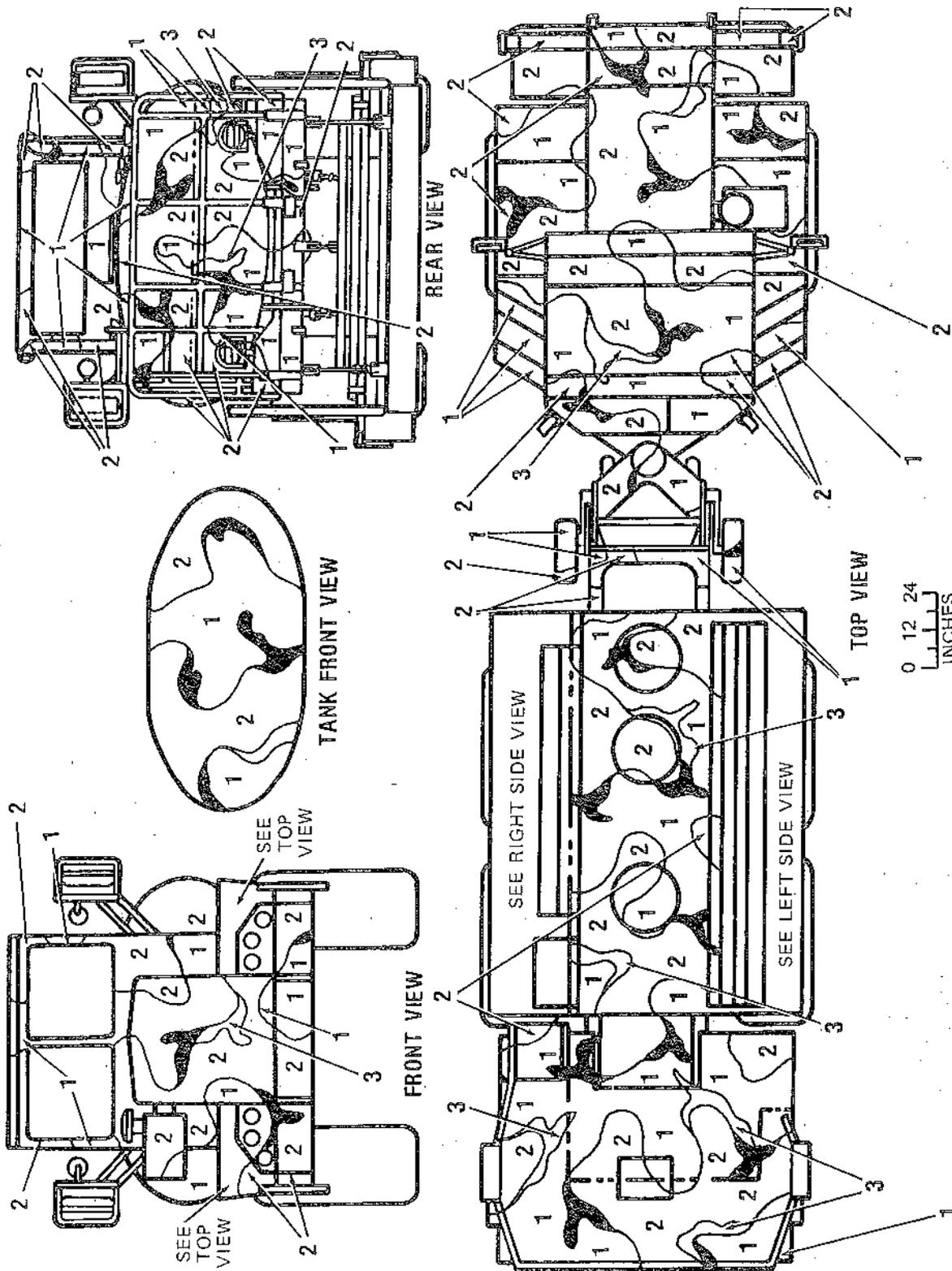
TA031779

Figure 180. Distributor truck, mounted. (1 of 2)



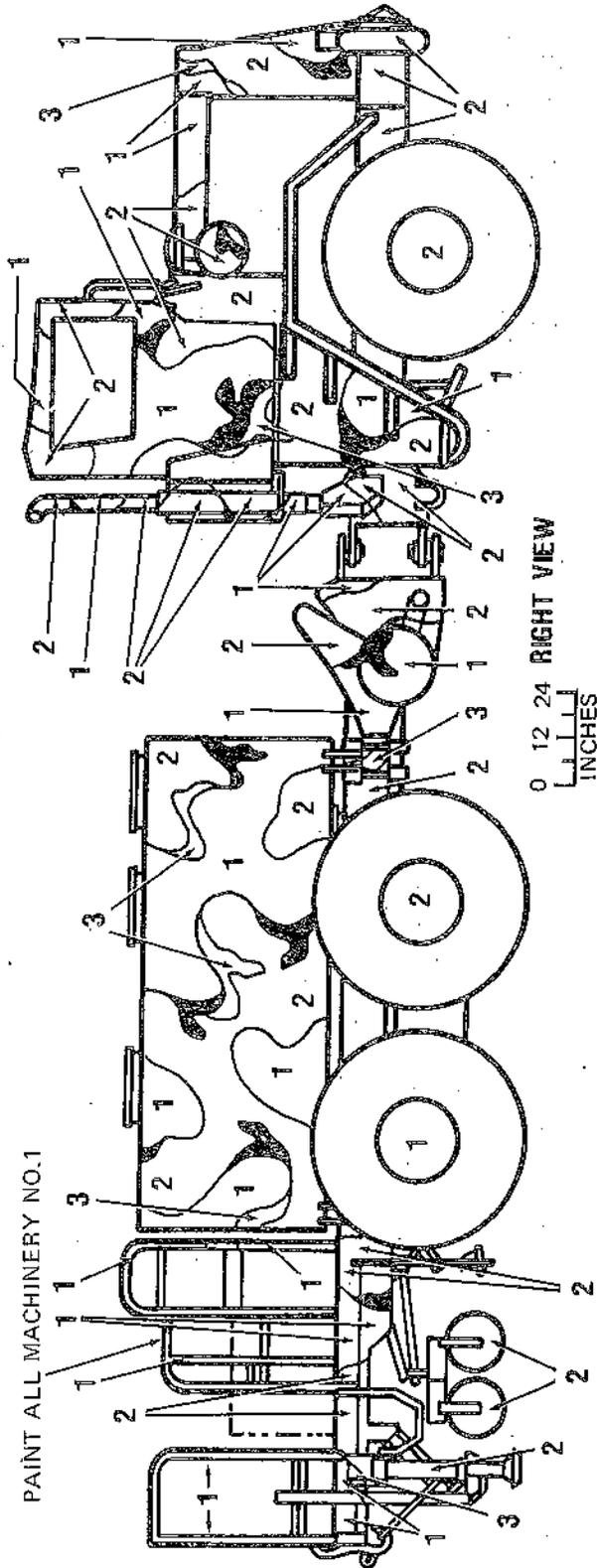
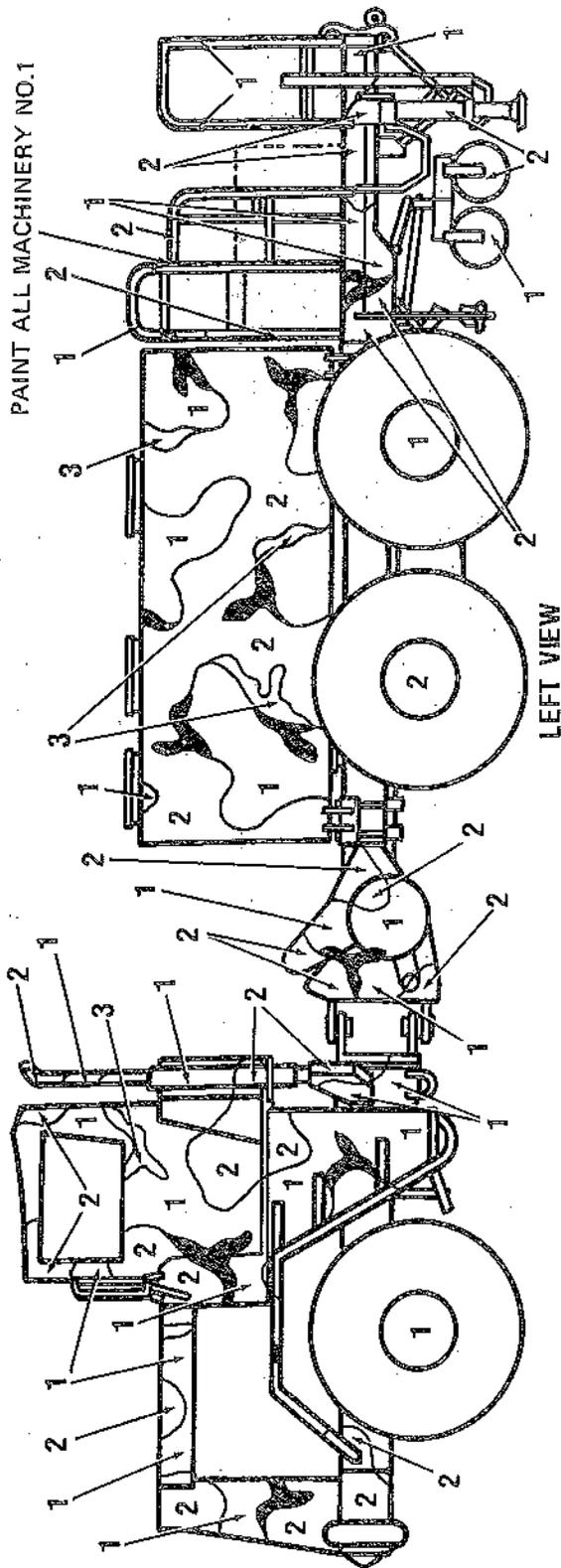
TA031780

Figure 181. Distributor truck, mounted. (2 of 2)



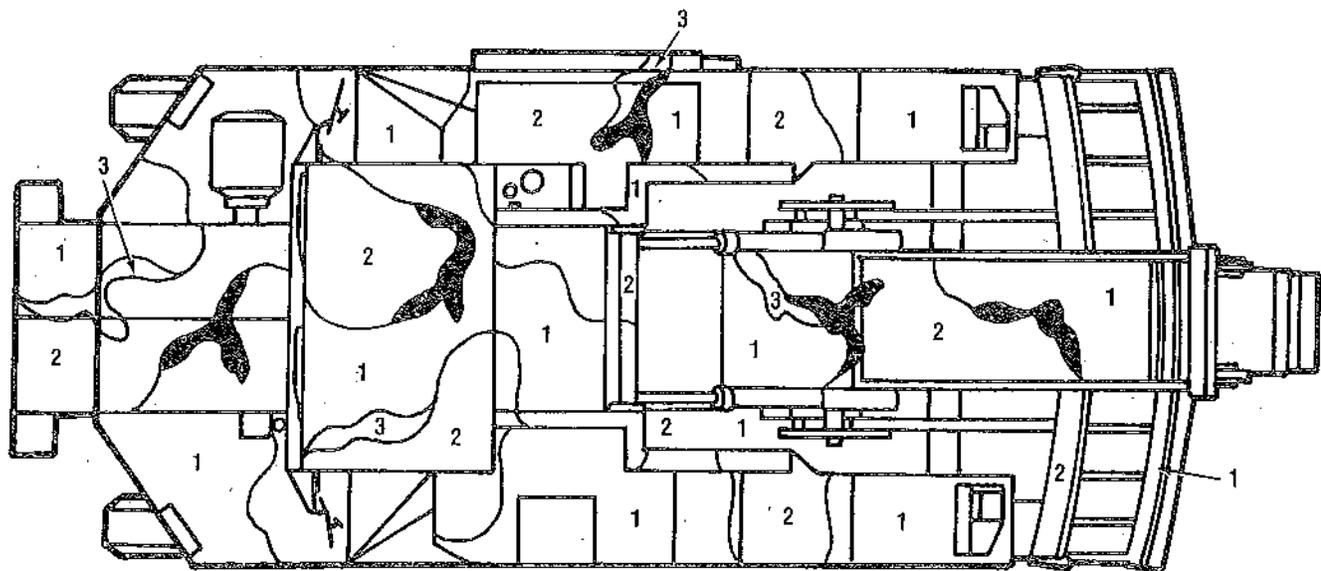
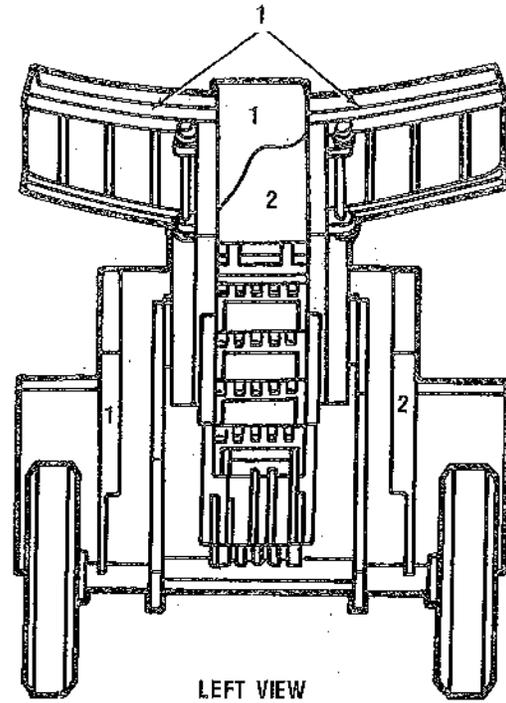
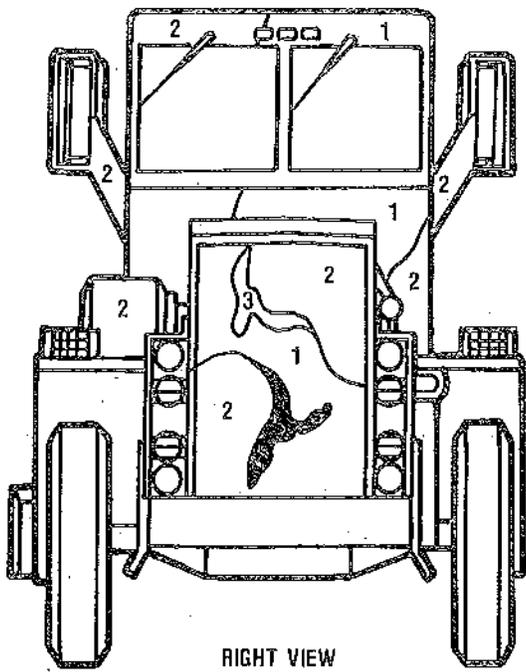
TA031726

Figure 182. Distributor, liquid (MD 30). (1 of 2)



TA031727

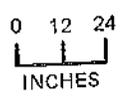
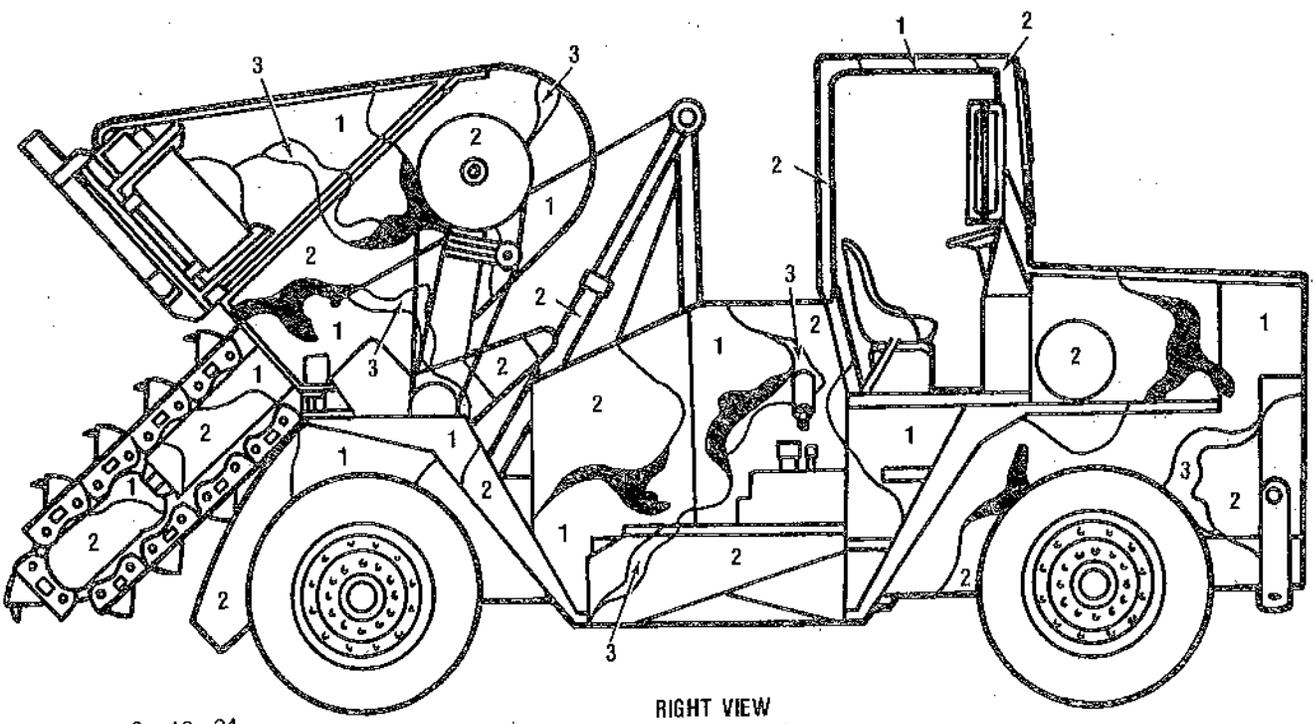
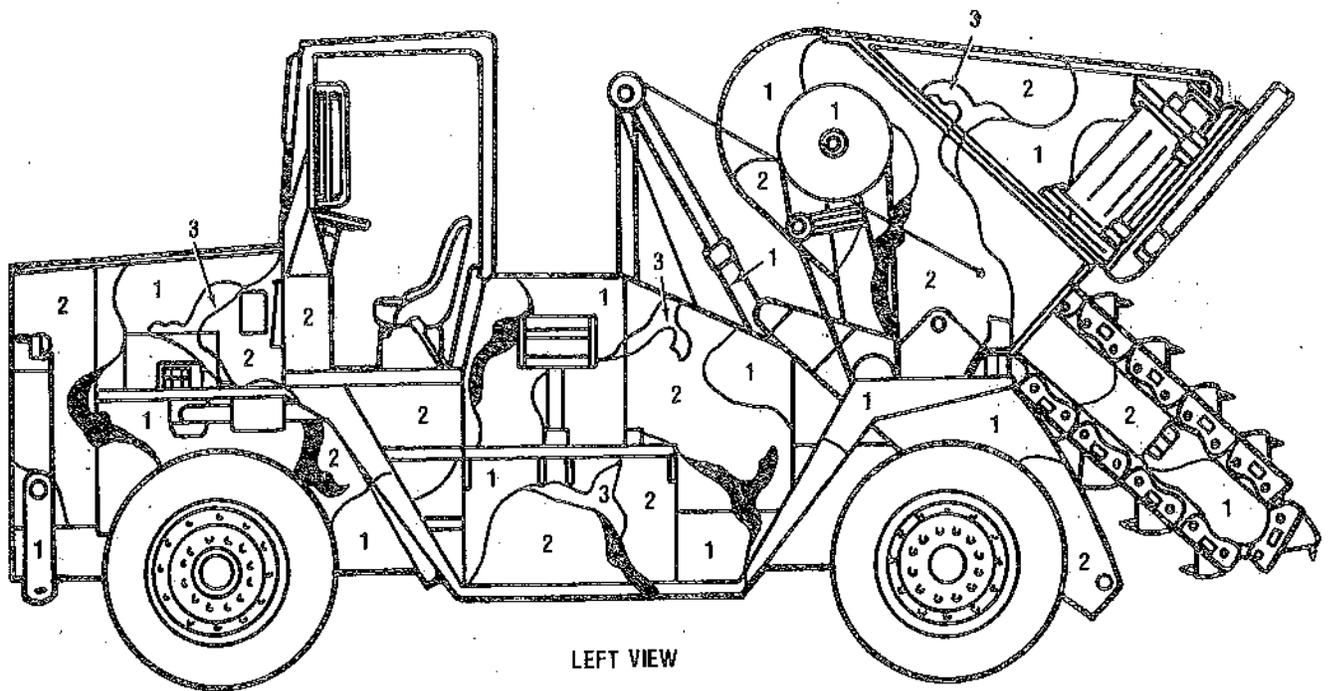
Figure 183. Distributor, liquid (MD 30). (2 of 2)



0 12 24  
INCHES

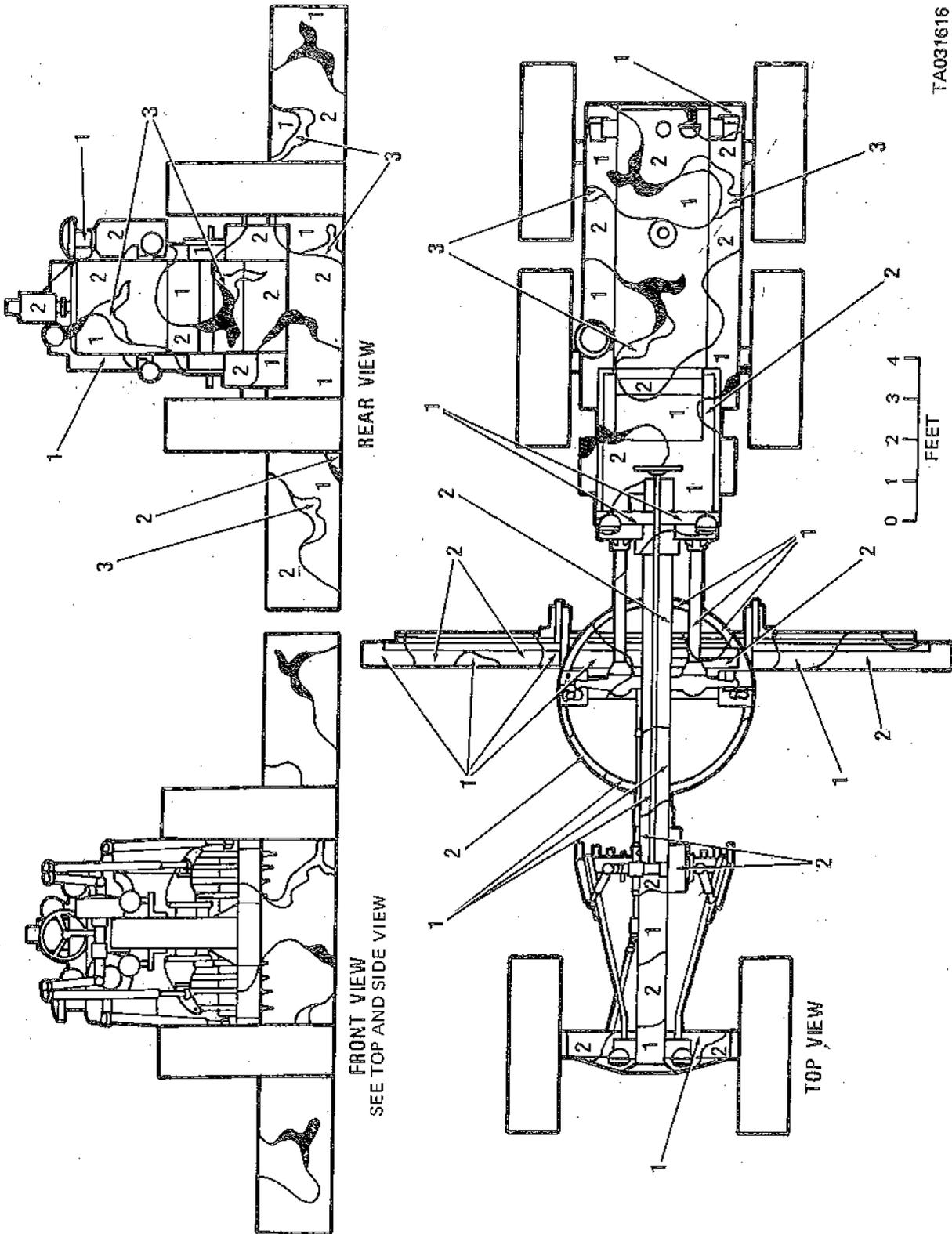
TA031783

Figure 184. Ditching machine (Person Model 624-VL) MIL-D-52091. (1 of 2)



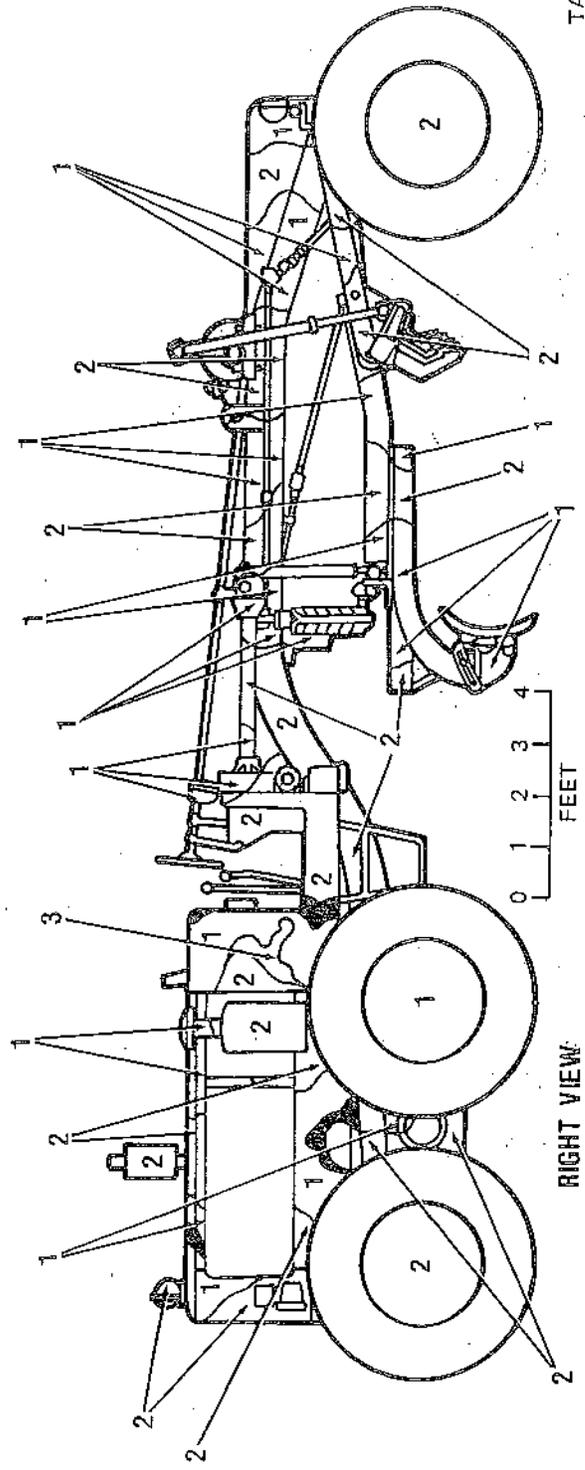
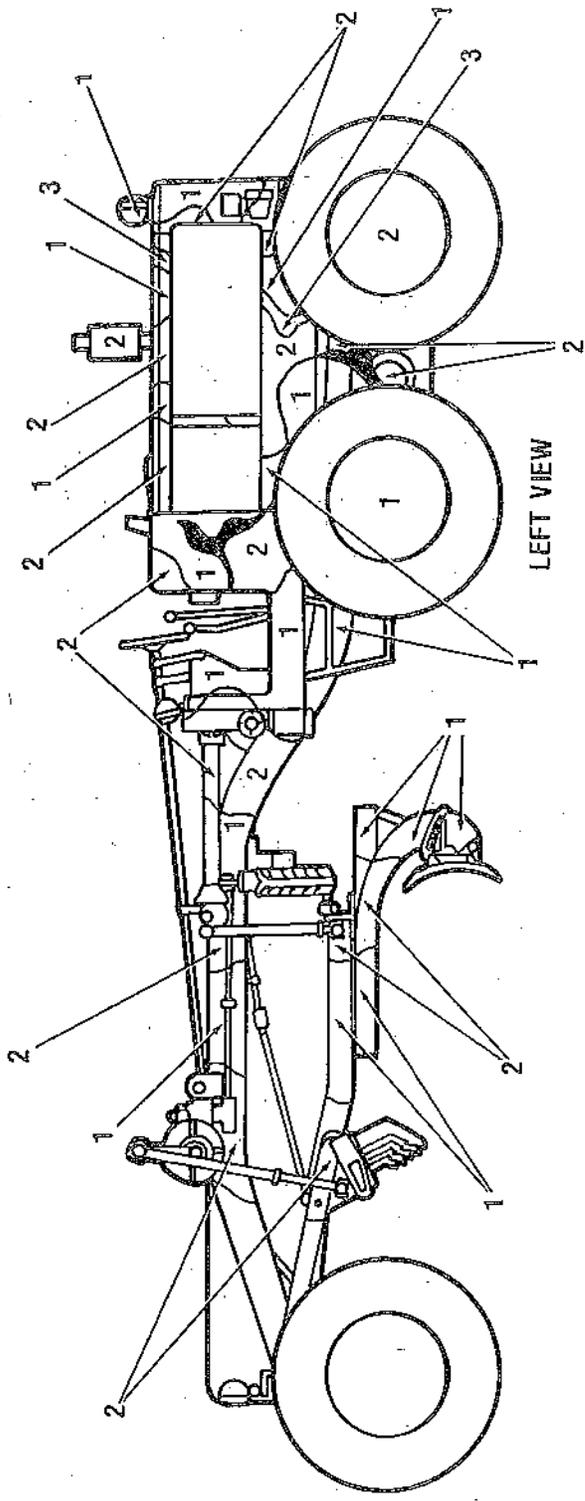
TA031784

Figure 185. Ditching machine (Person Model 624-VL) MIL-D-52091. (2 of 2)



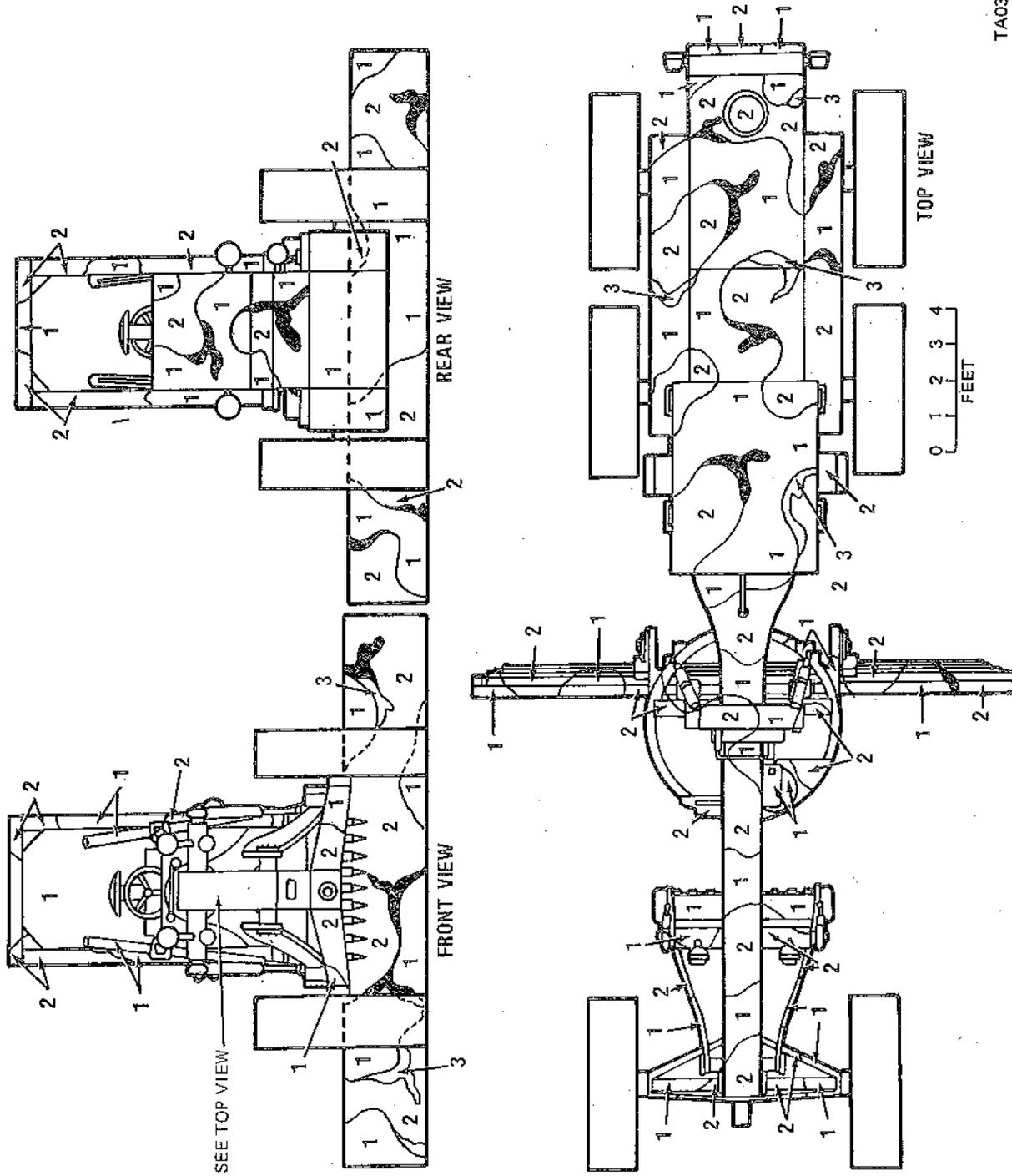
TA031616

Figure 186. Grader heavy (Cat. 112) MIL-G-804. (1 of 2)



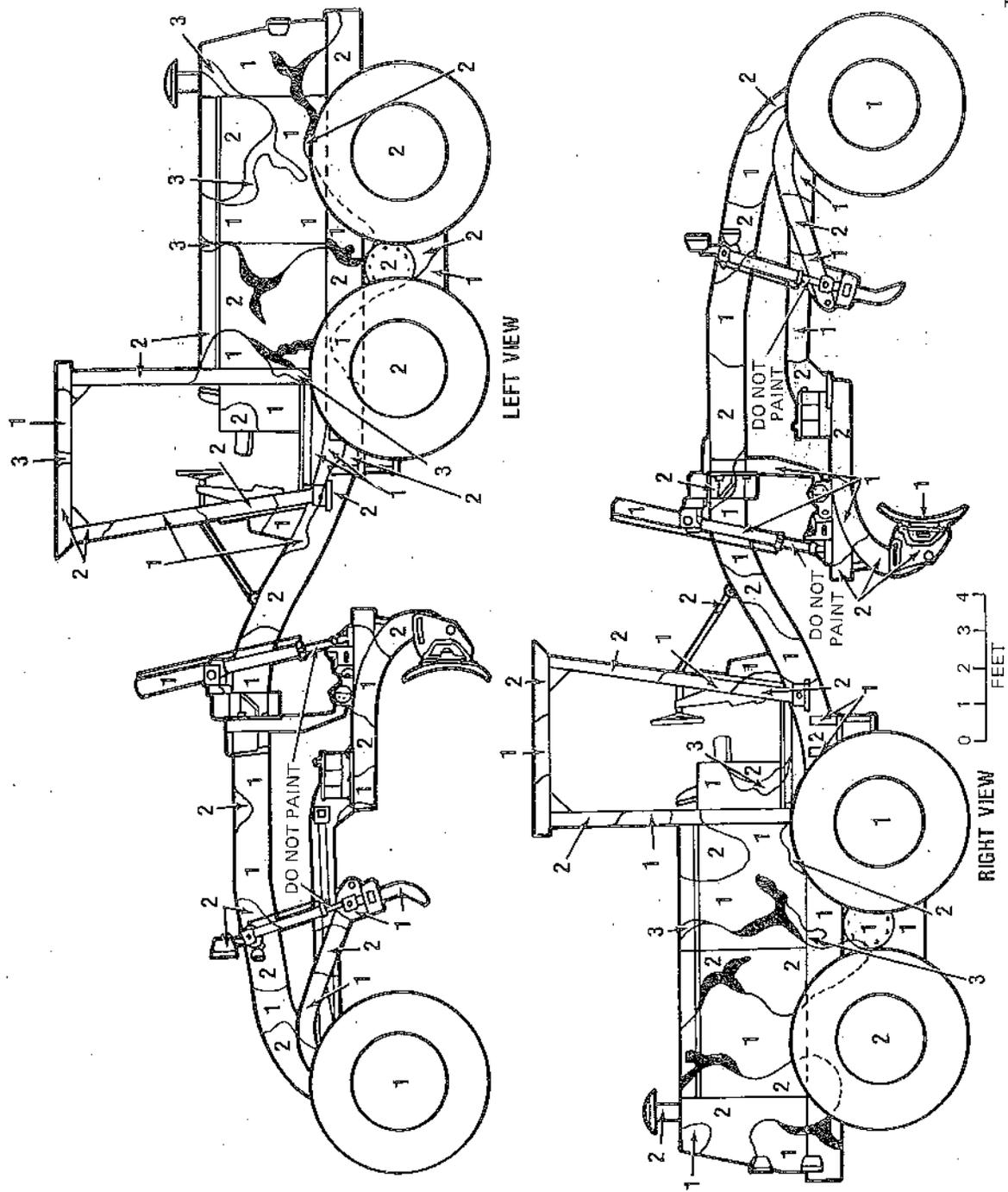
TA031617

Figure 187. Grader heavy (Cat. 112) MIL-G-804. (2 of 2)



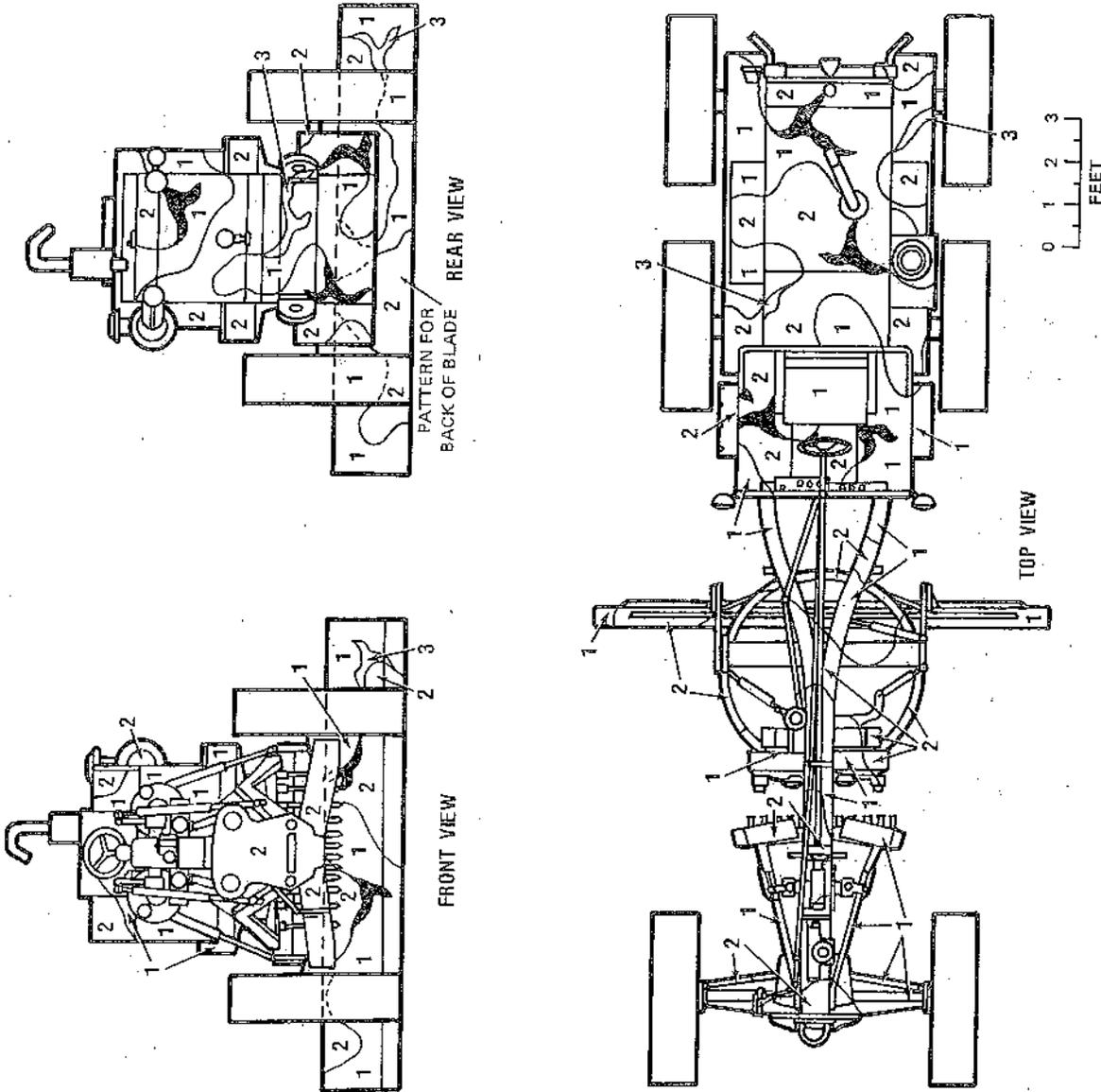
TA031622

Figure 188. Grader, heavy (Huber F1500M). (1 of 2)



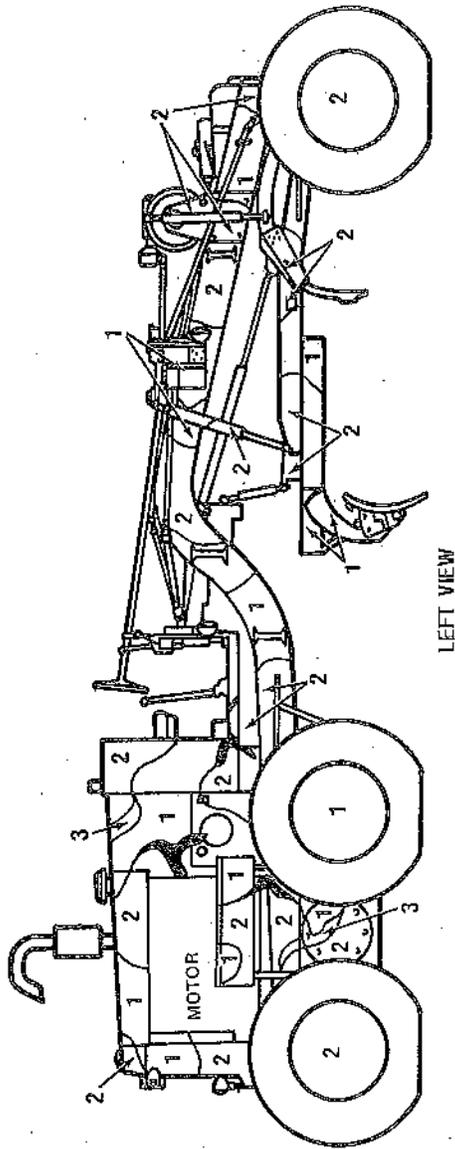
TA031623

Figure 189. Grader, heavy (Huber F1500M), (2 of 2)

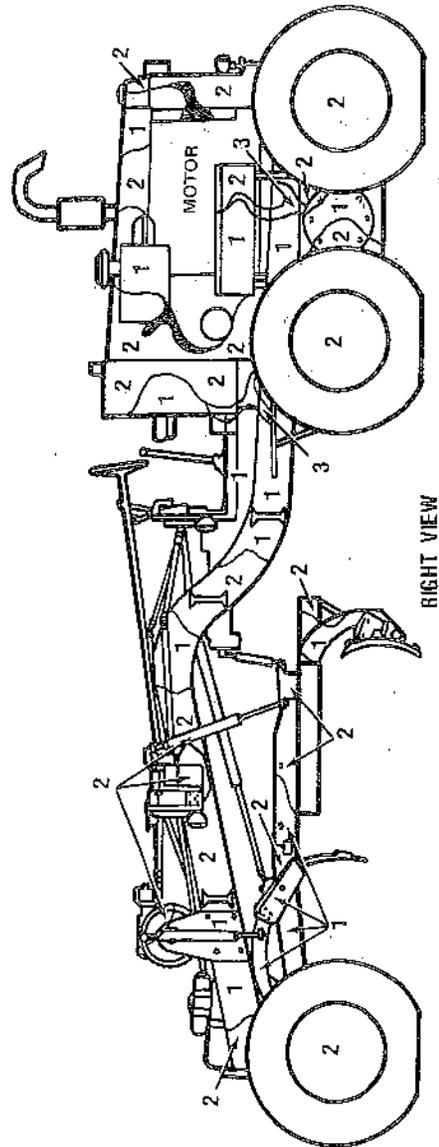


TA031755

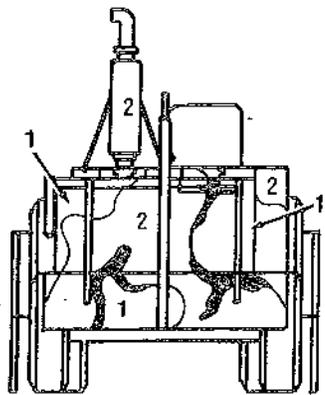
Figure 190. Grader, heavy (Weeco 440HA). (1 of 2)



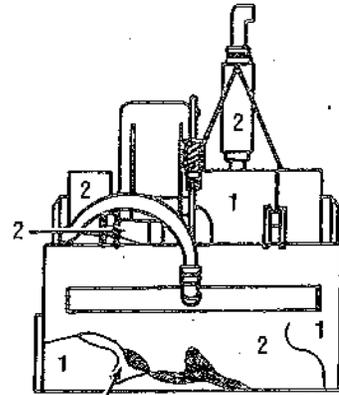
LEFT VIEW



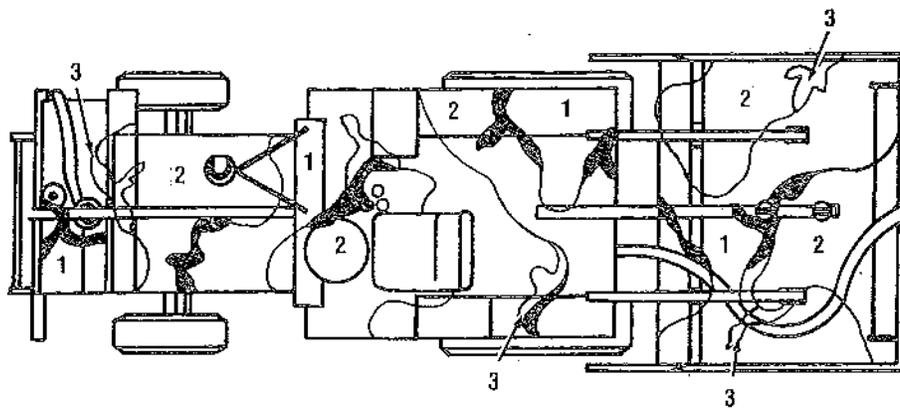
RIGHT VIEW



FRONT VIEW



REAR VIEW

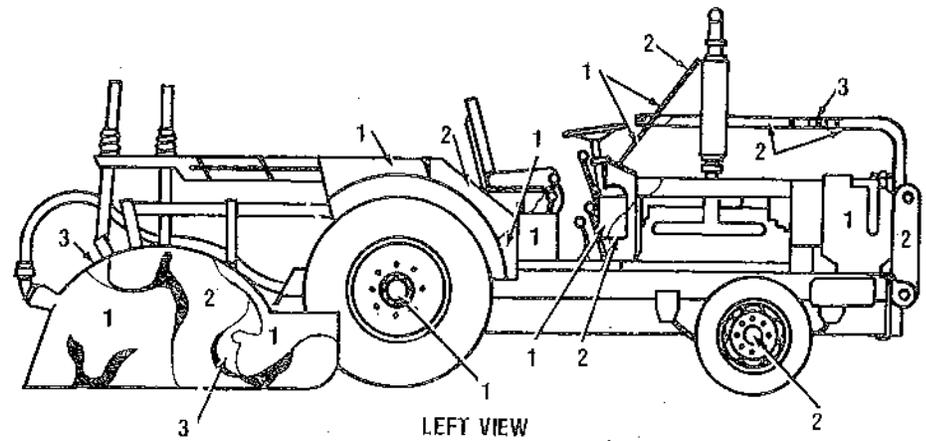
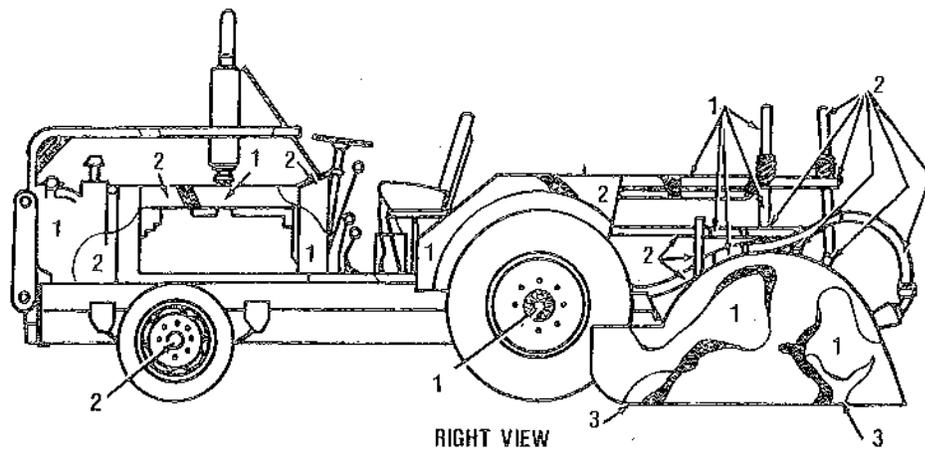


TOP VIEW

0 10 20 30  
INCHES

TA031791

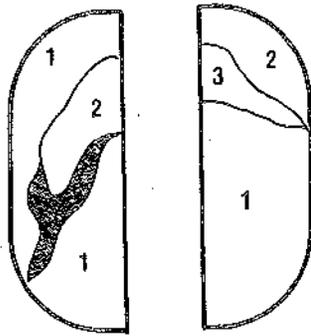
Figure 192. Mixer, rotary, SP, MIL-M-13081. (1 of 2)



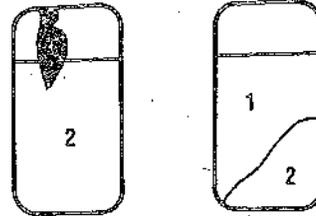
0 10 20 30  
INCHES

TA031792

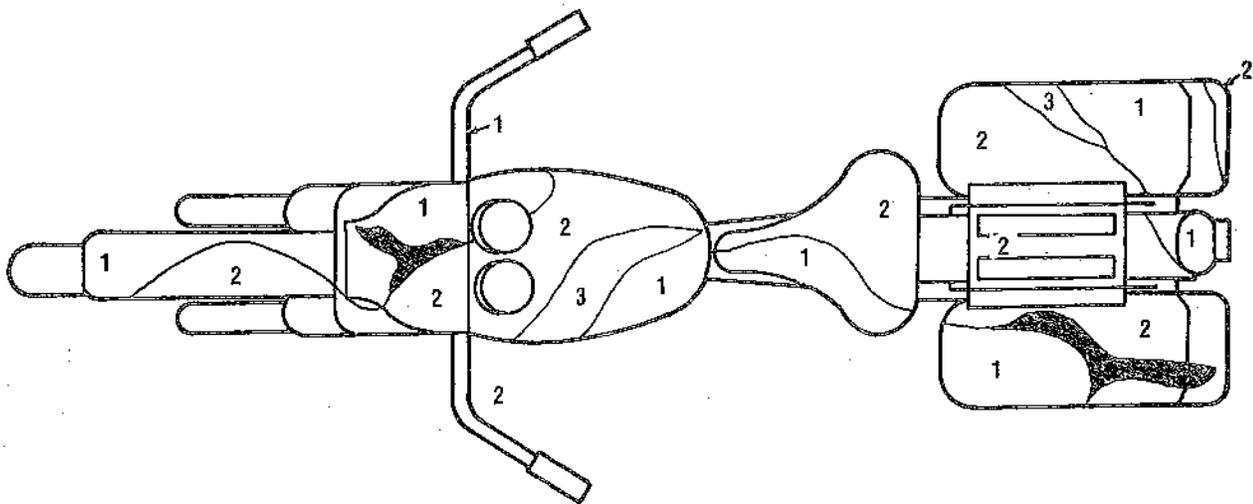
Figure 193. Mixer, rotary, SP, MIL-M-13081. (2 of 2).



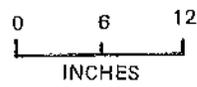
**SHIELDS  
FRONT VIEW**



**SADDLEBAGS  
REAR VIEW**



**TOP VIEW**



TA031728

Figure 194. Motorcycle. (1 of 2)

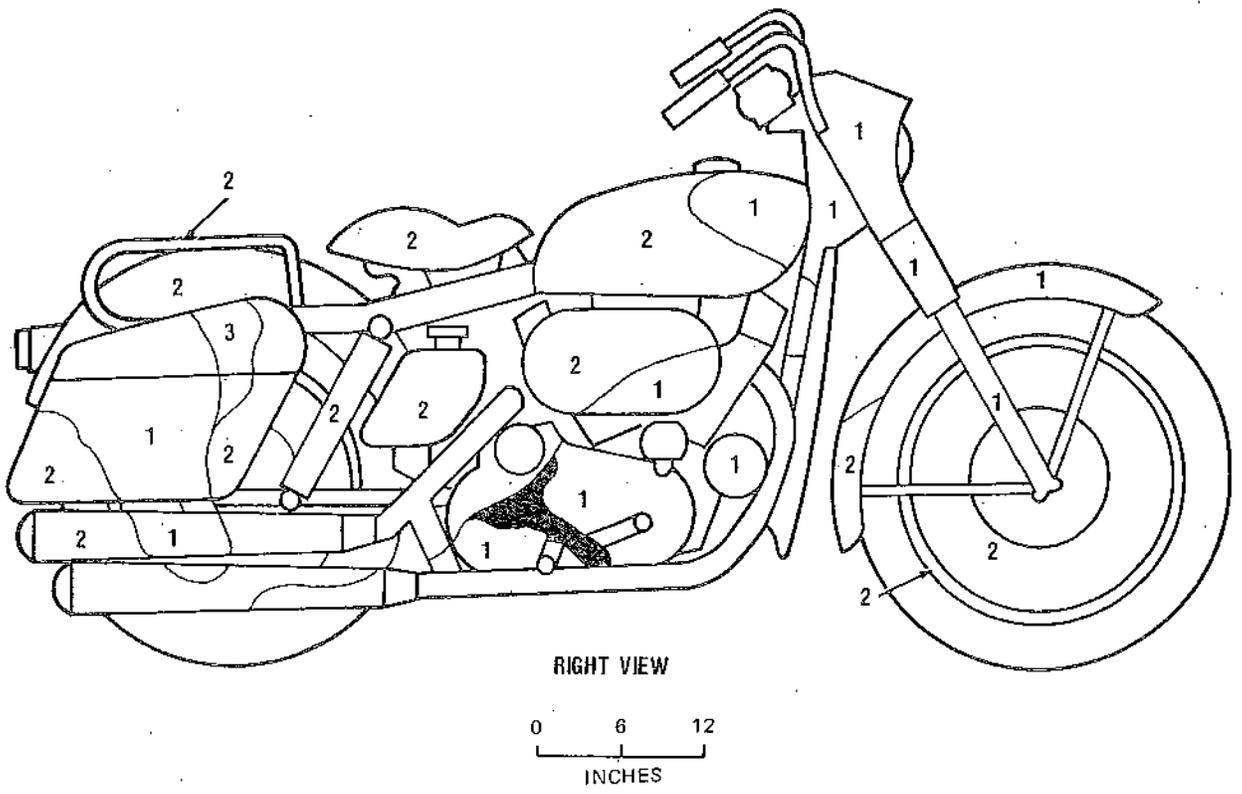
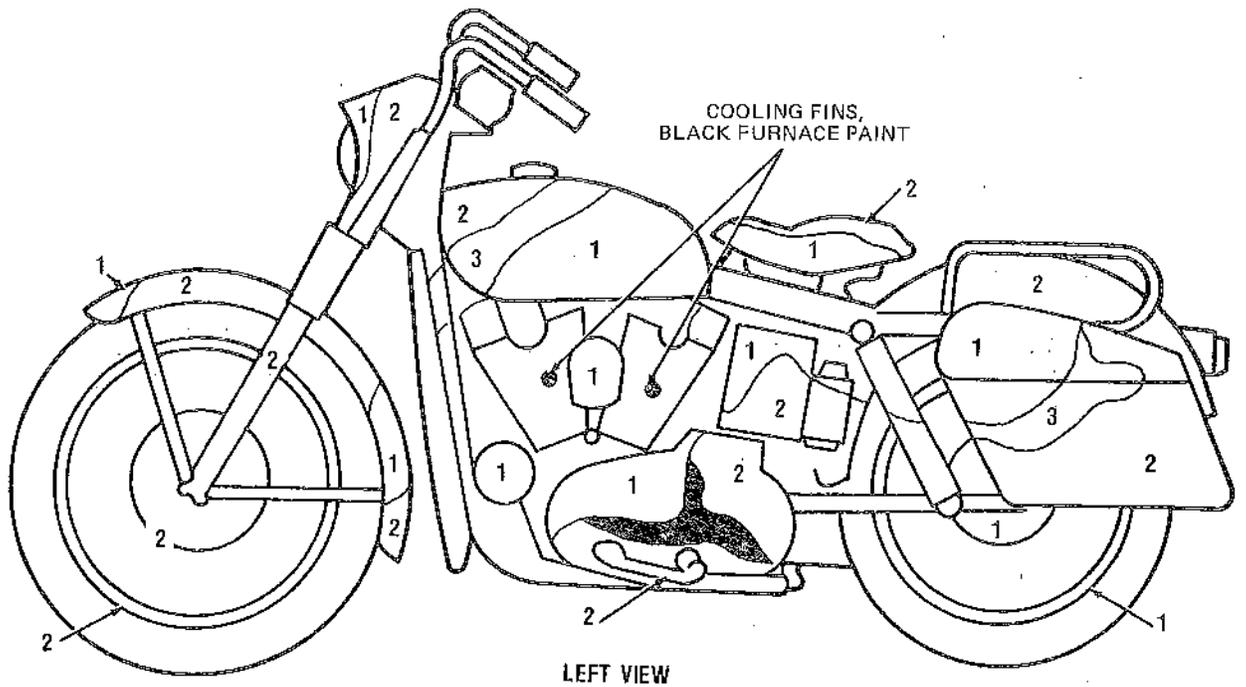
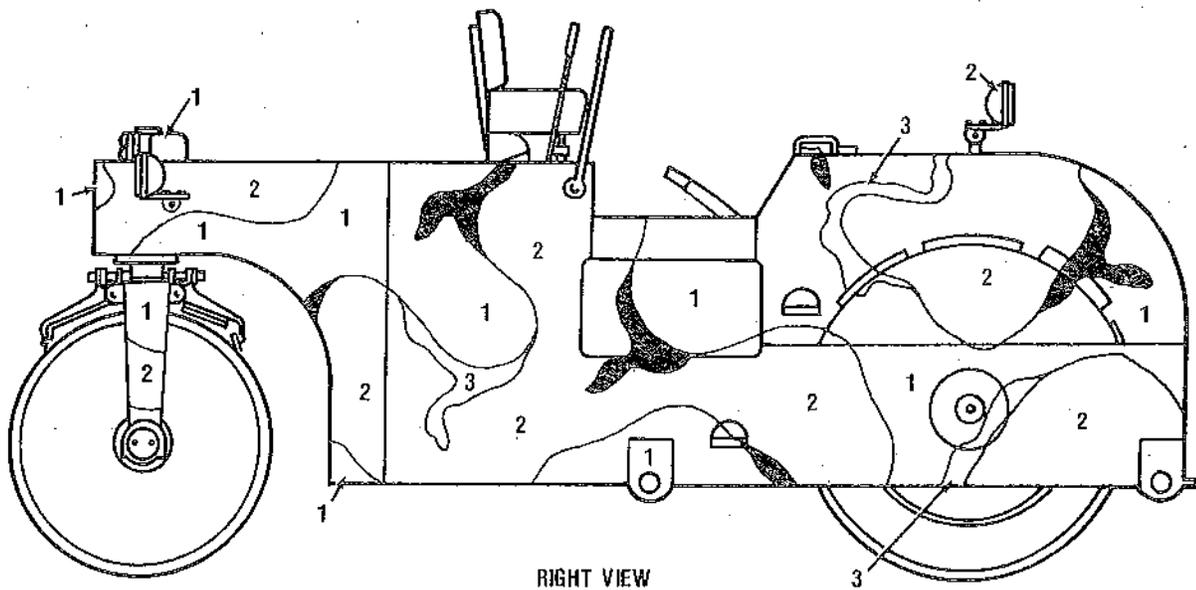
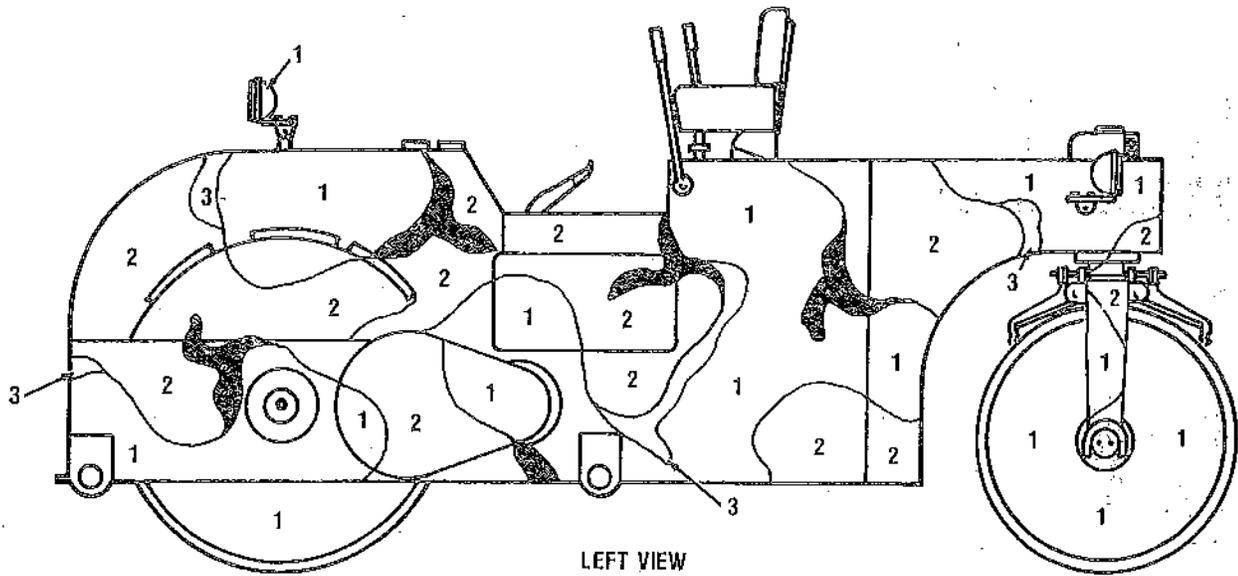
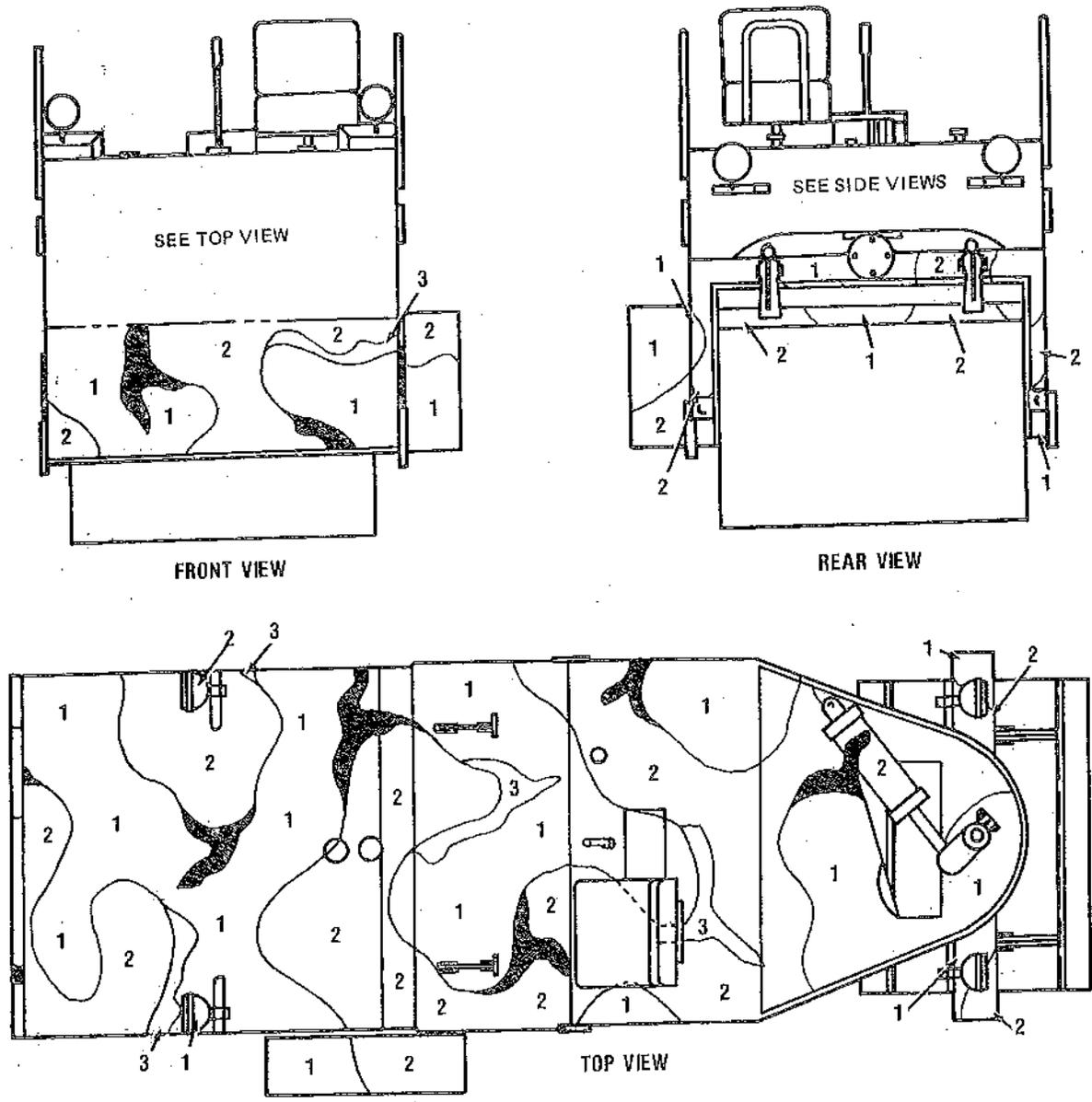


Figure 195. Motorcycle. (2 of 2)



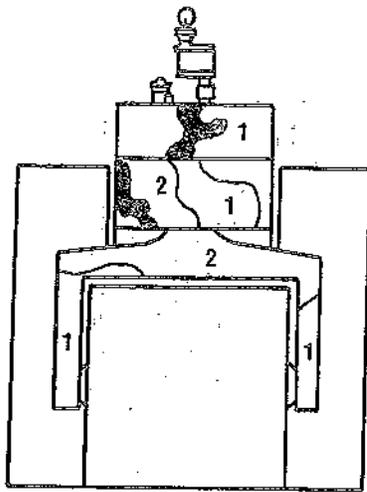
TA031744

Figure 196. Roller, motorized, Tdm, 5-8 Ton. MIL-R-10550. (1 of 2)

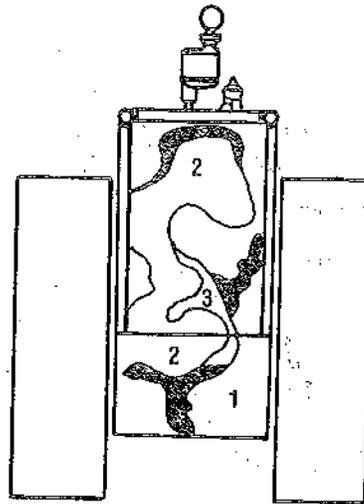


TA031745

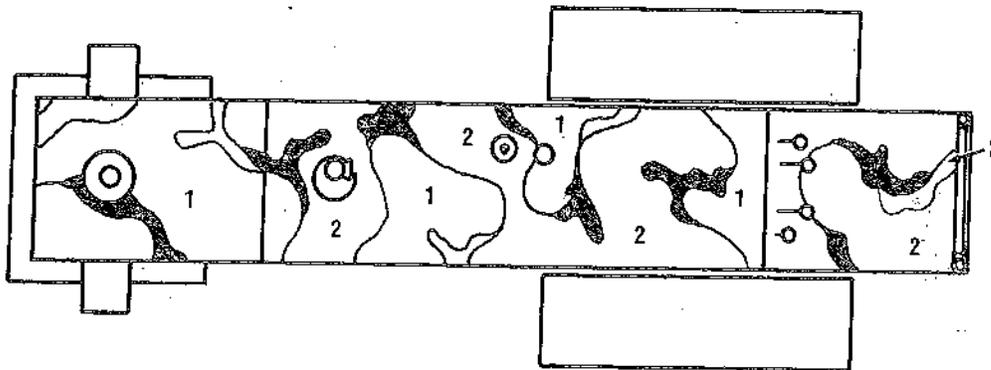
Figure 197. Roller, motorized, Tdm, 5-8 Ton, MIL-R-10550. (2 of 2)



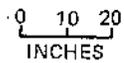
FRONT VIEW



REAR VIEW

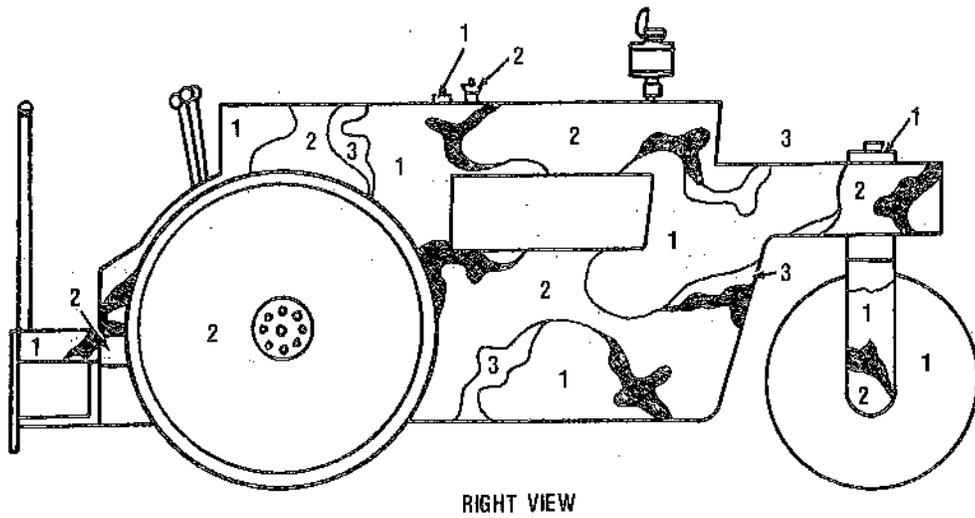
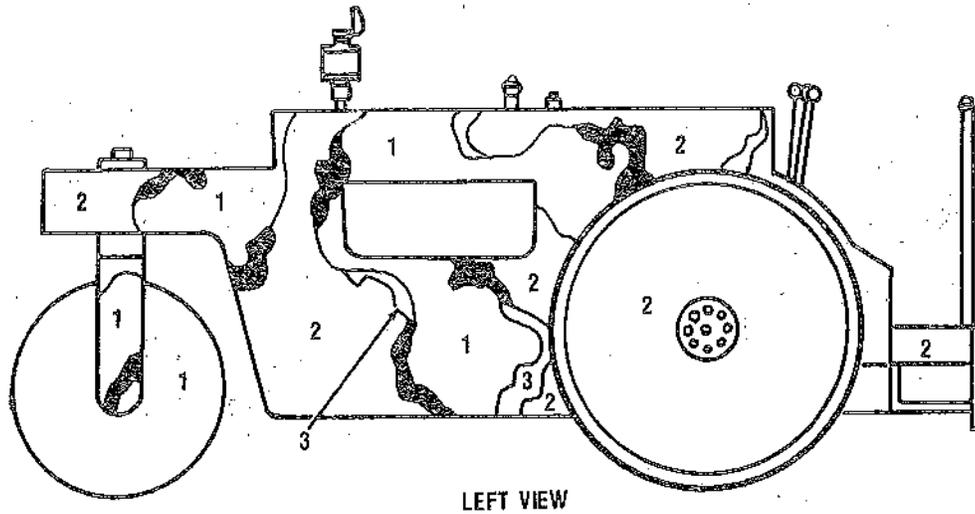


TOP VIEW



TA031781

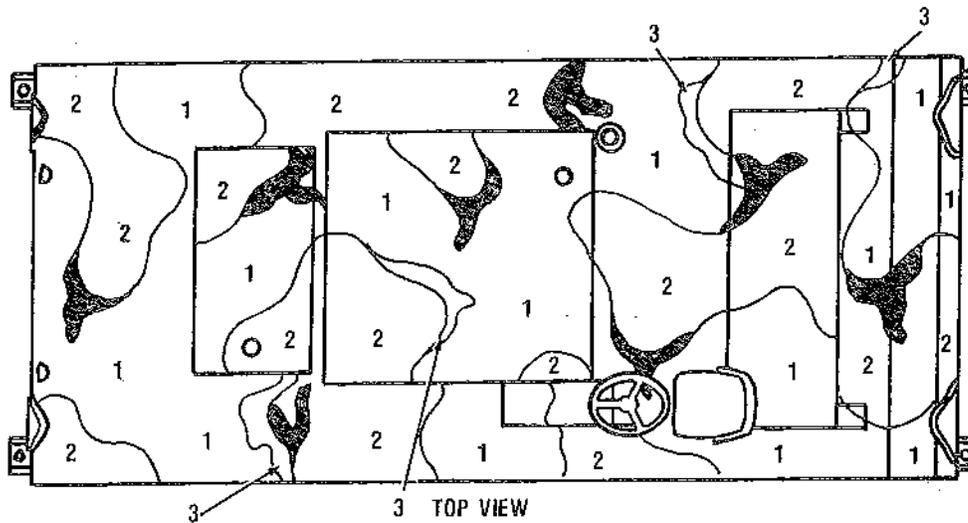
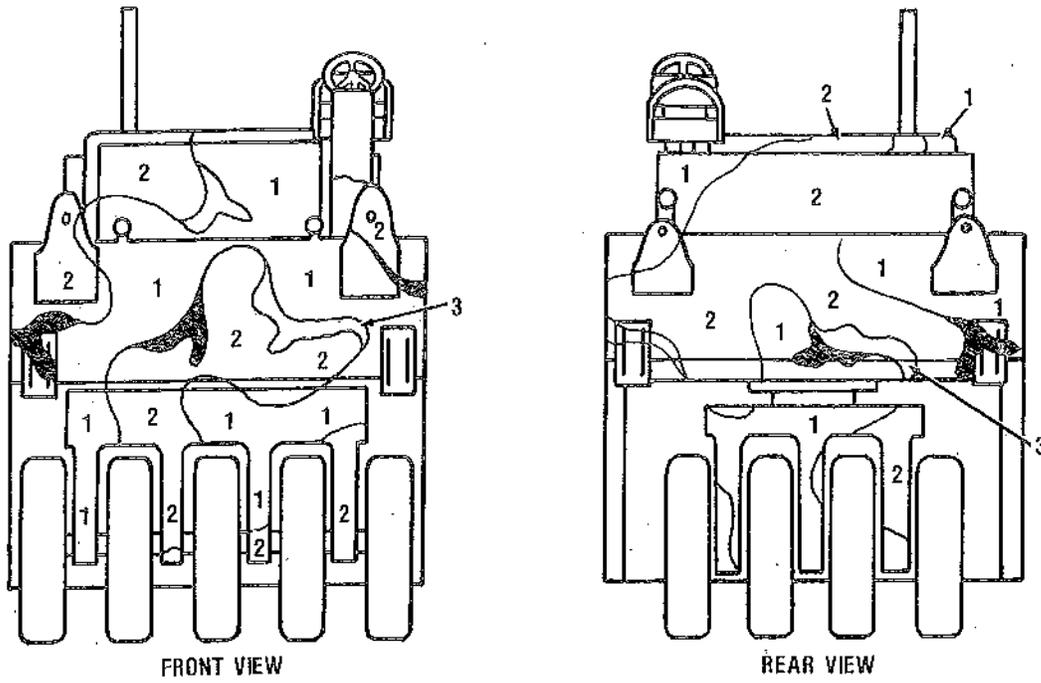
Figure 198. Roller, motorized, 3-wheel, 10-12-ton, MIL-R-3781. (1 of 2)



0 10 20  
INCHES

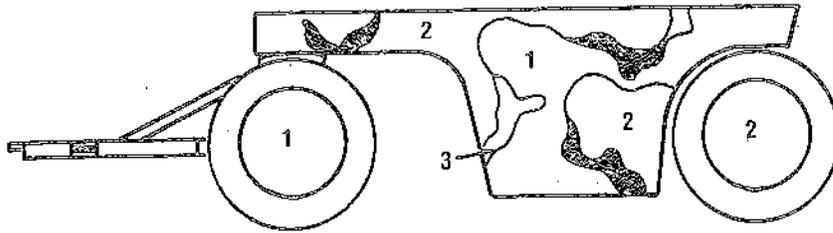
TA031782

Figure 199. Roller, motorized, 3-wheel, 10-12-ton, MIL-R-3781. (2 of 2)

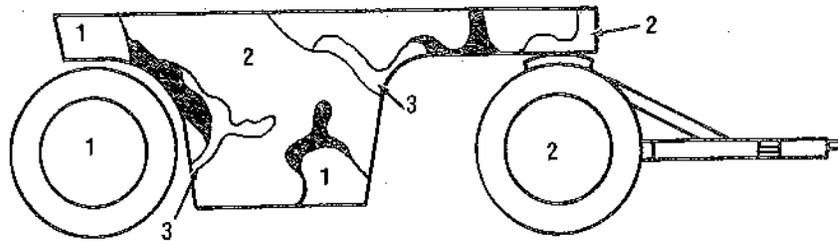


TA031724

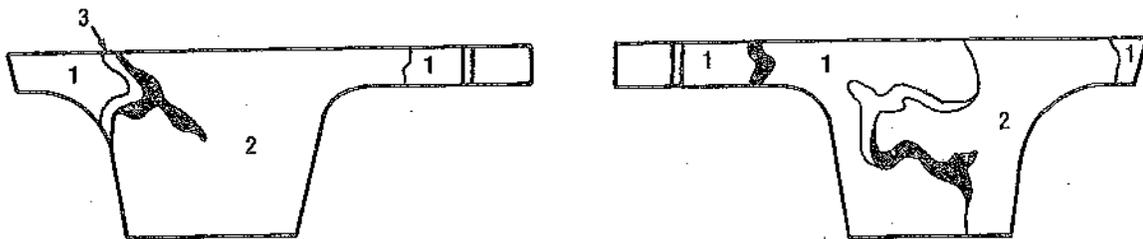
Figure 200. Roller, motorized, 9-wheel pneumatic tire, MIL-R-52453.



LEFT VIEW



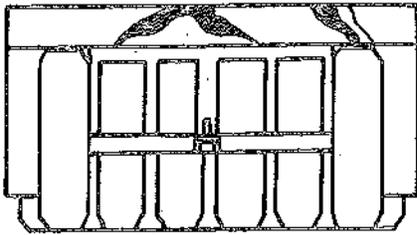
RIGHT VIEW



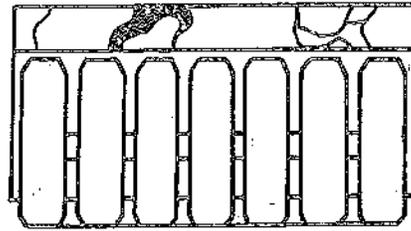
0 10 20  
INCHES

TA031742

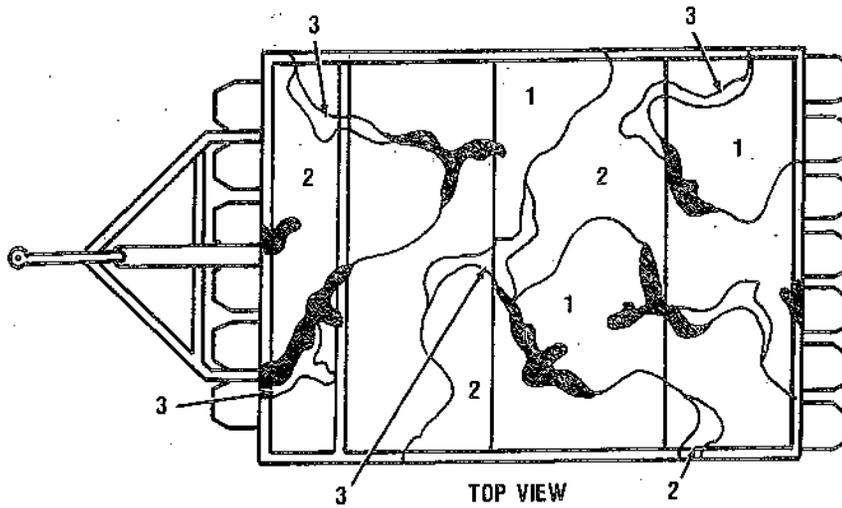
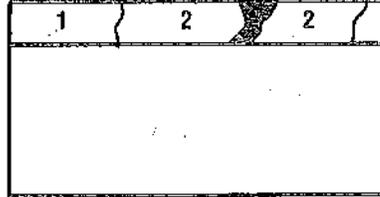
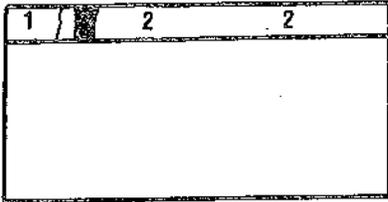
Figure 201. Roller, towed, pneumatic tire, 13-wheel MIL-R-11086. (1 of 2)



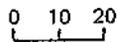
FRONT VIEW



REAR VIEW

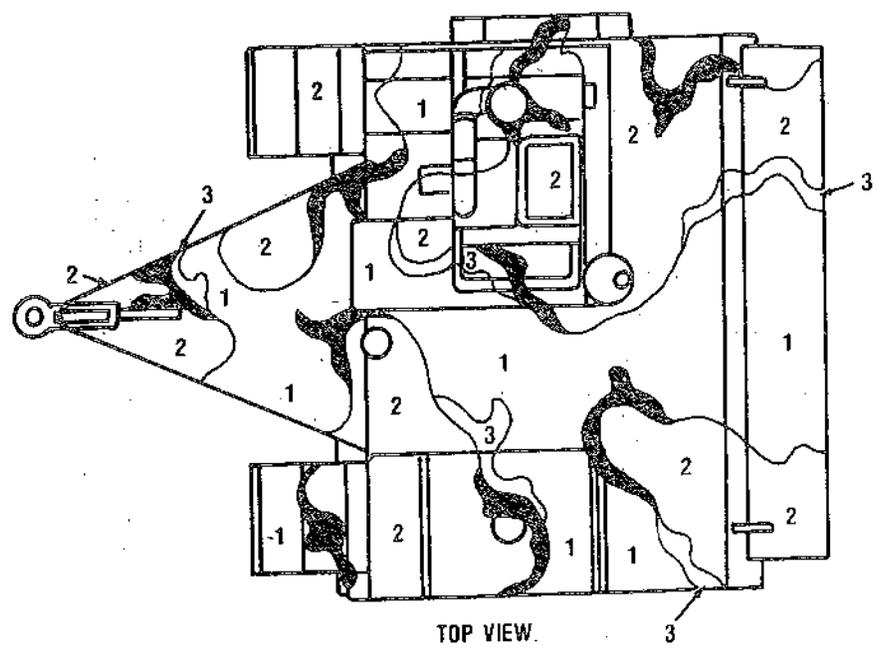
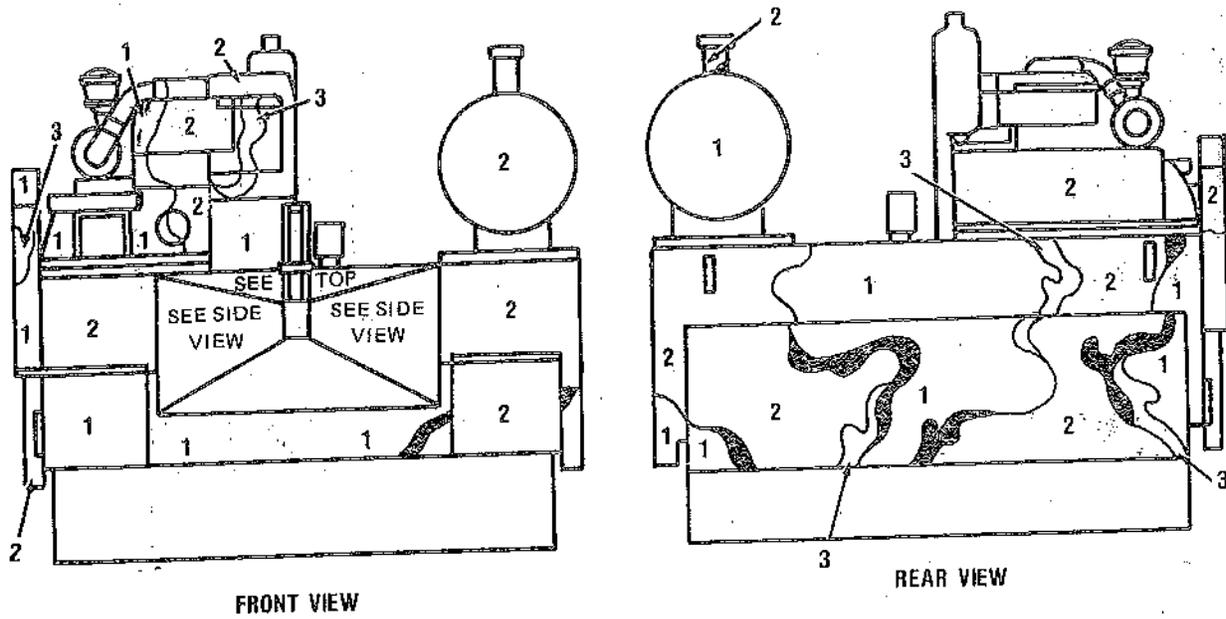


TOP VIEW



TA031743

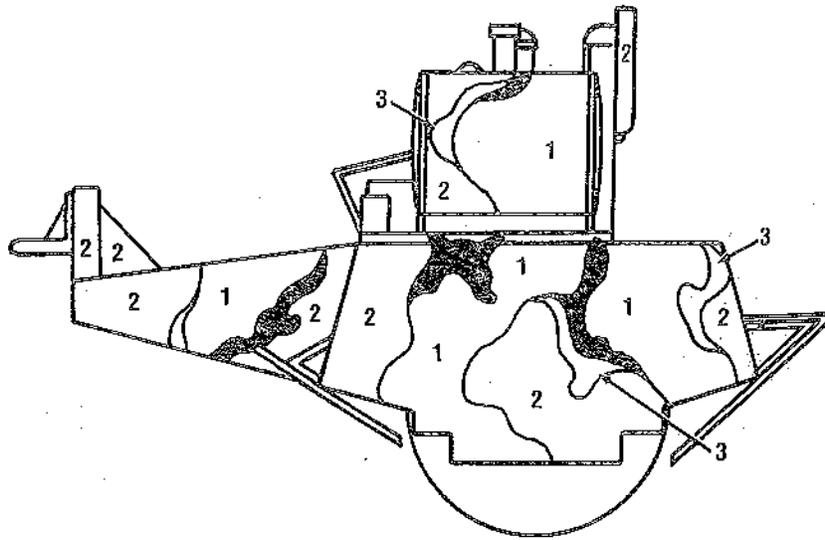
Figure 202. Roller, towed, pneumatic tire, 13-wheel MIL-R-11086. (2 of 2)



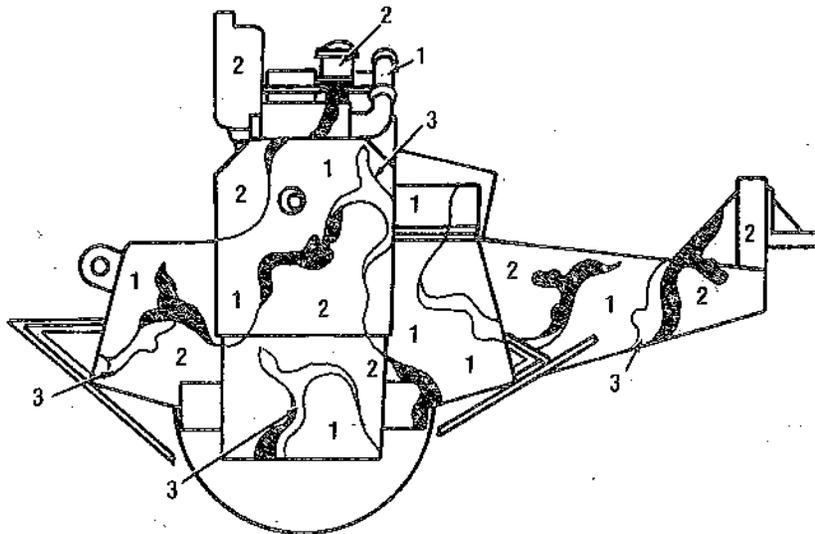
1 10  
INCHES

TA031626

Figure 203. Roller, towed, vibratory. (1 of 2)



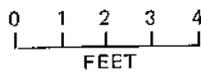
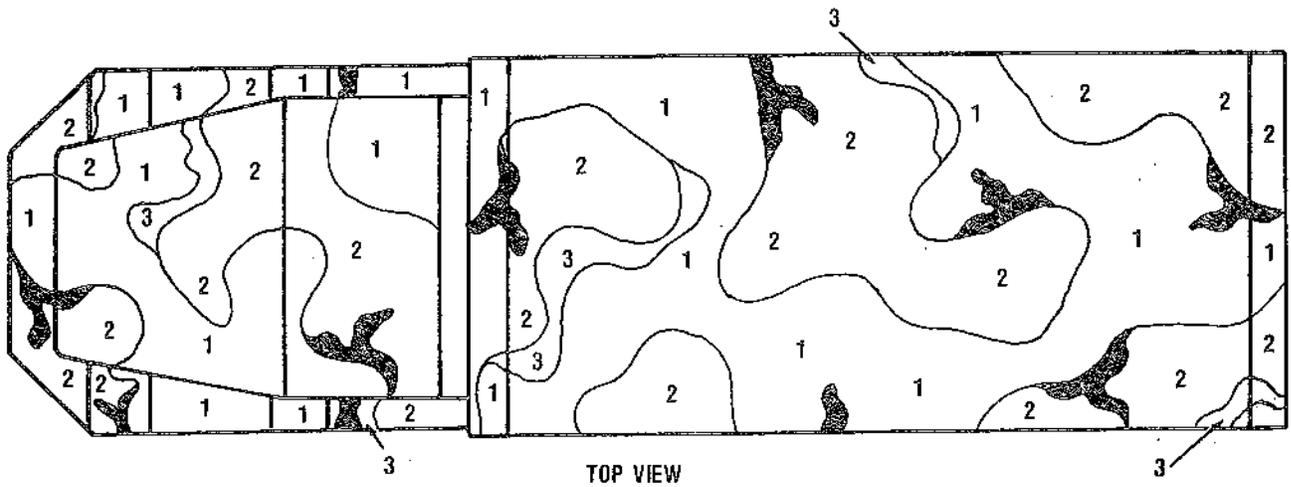
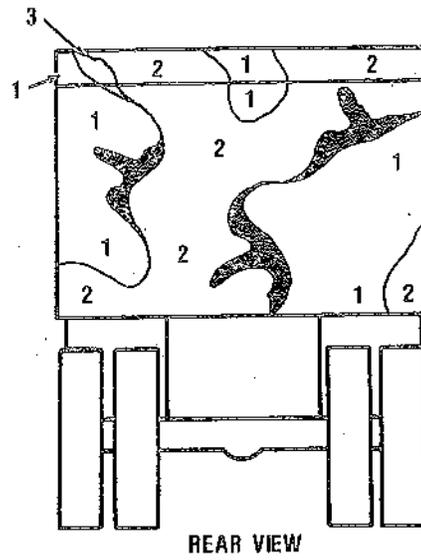
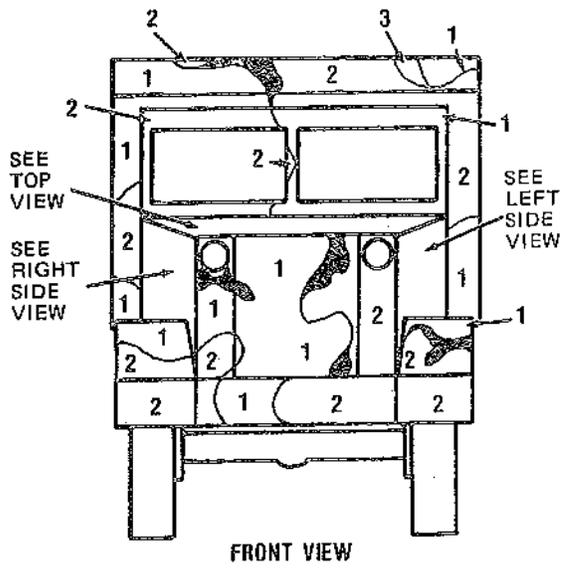
LEFT VIEW



RIGHT VIEW

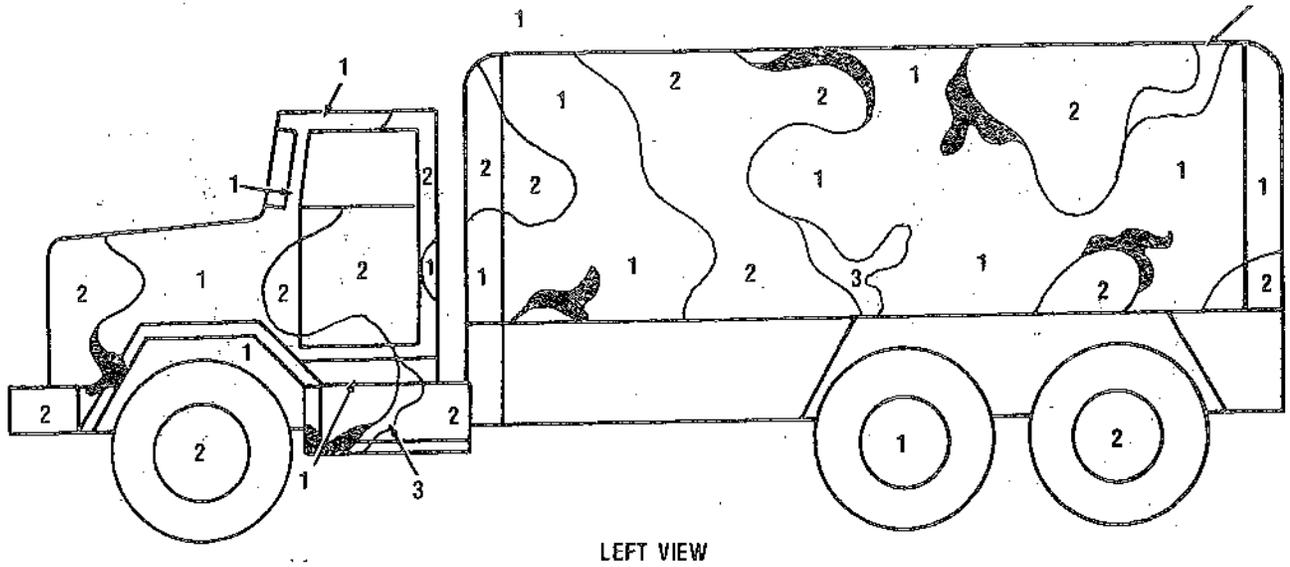


Figure 204. Roller, towed, vibratory. (2 of 2)

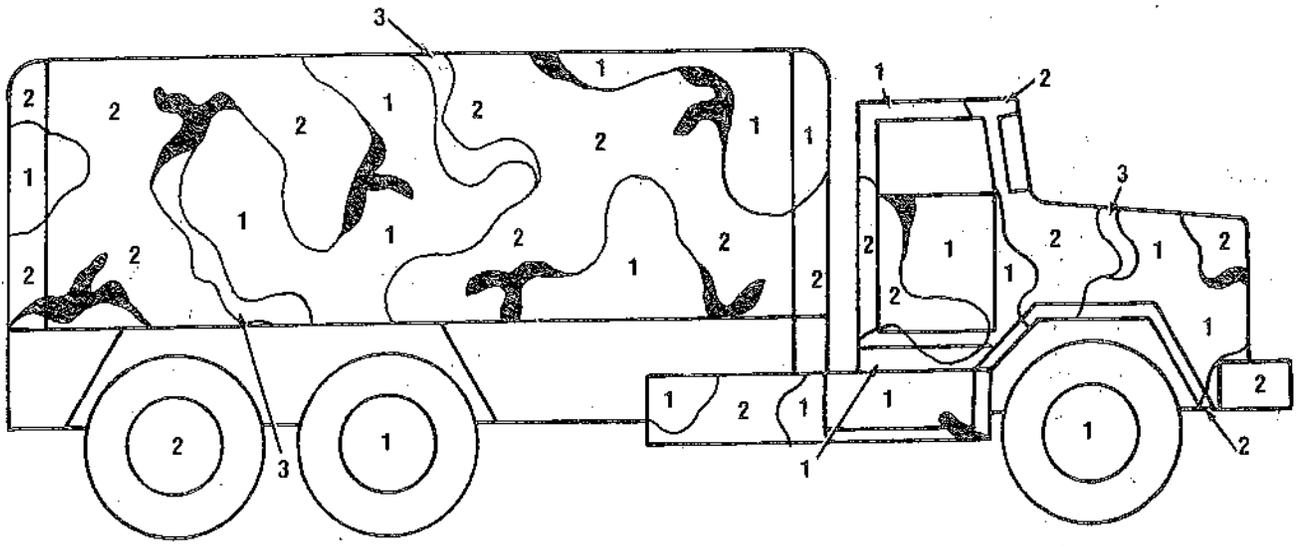


TA031785

Figure 205. Shop equipment truck, mounted (Mod), M63. (1 of 2).



LEFT VIEW

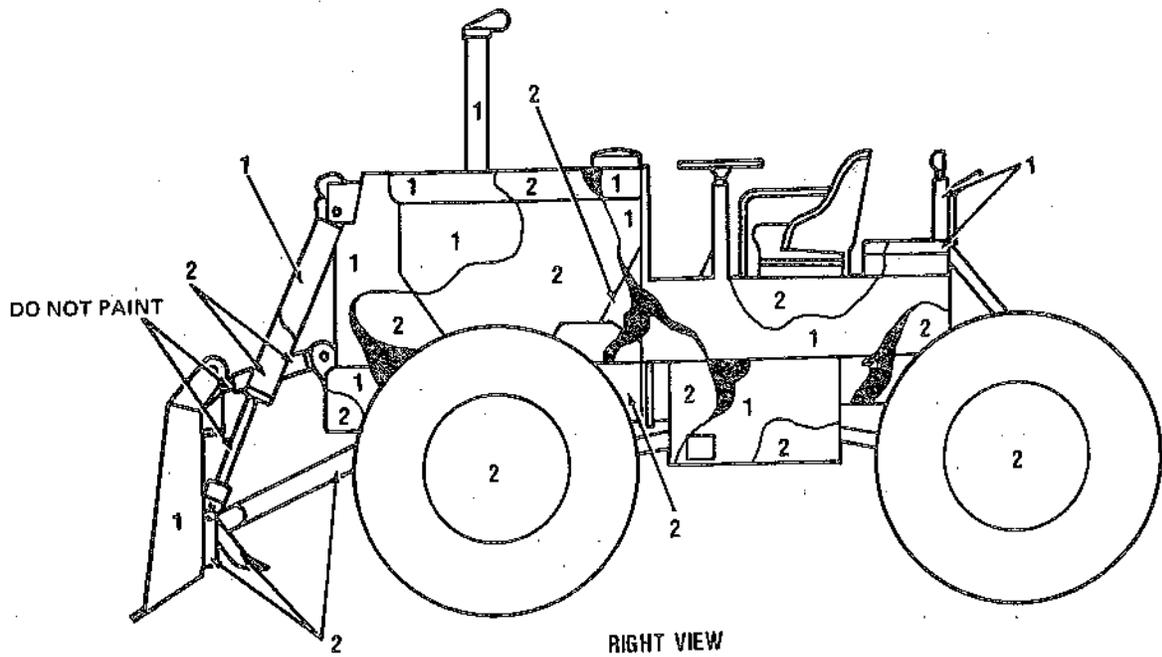
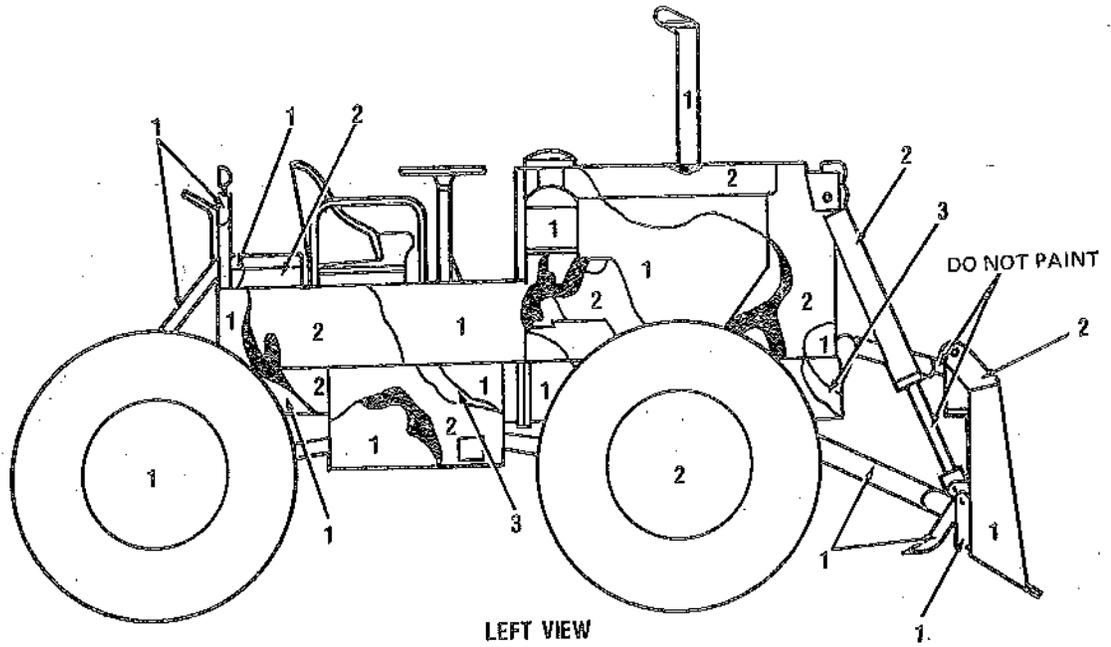


RIGHT VIEW



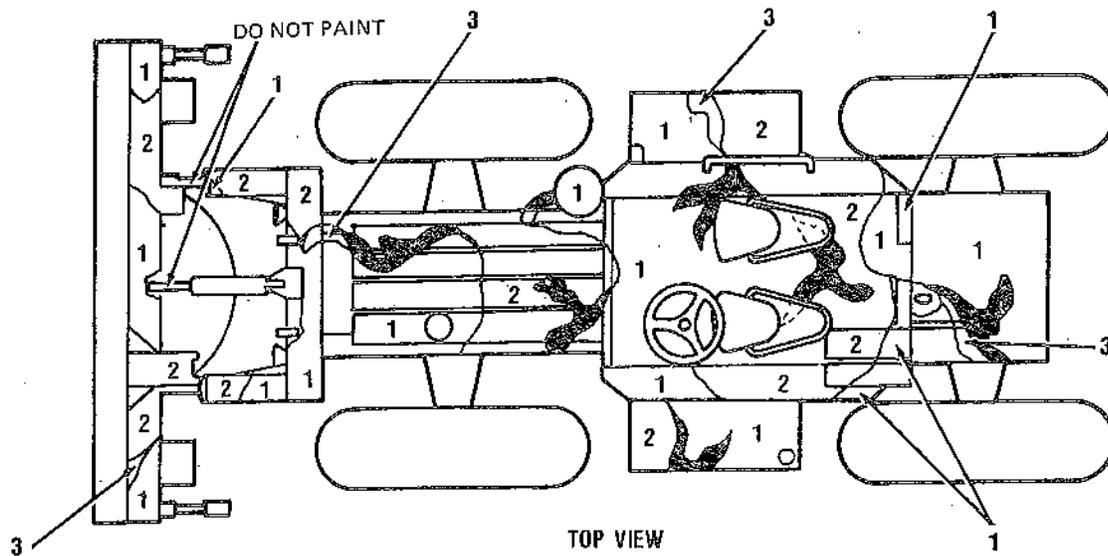
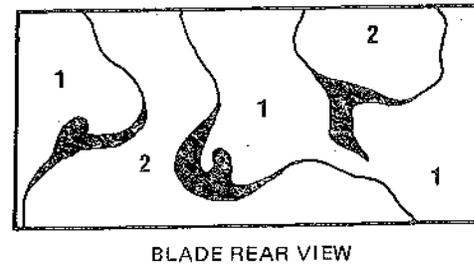
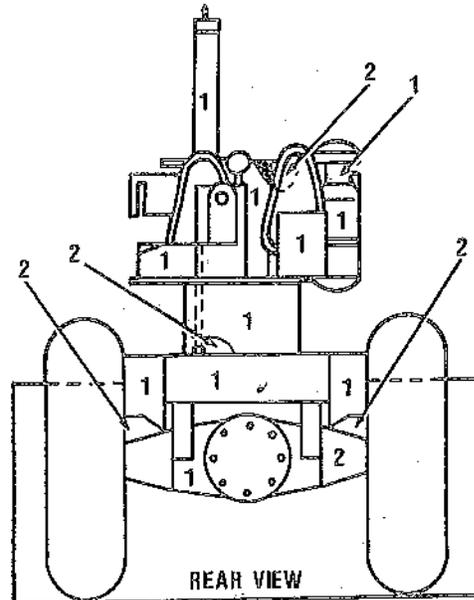
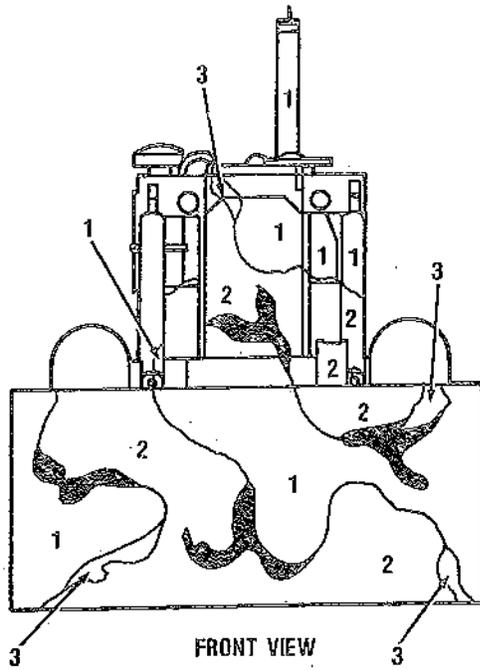
TA031786

Figure 206. Shop equipment truck, mounted (Mod), M63. (2 of 2).



TA031797

Figure 207. Tractor, w/o winch, air drop (MC), MIL-T-82118. (1 of 2)



TA031798

Figure 208. Tractor, w/o winch, air drop (MC) MIL-T-82118. (2 of 2)

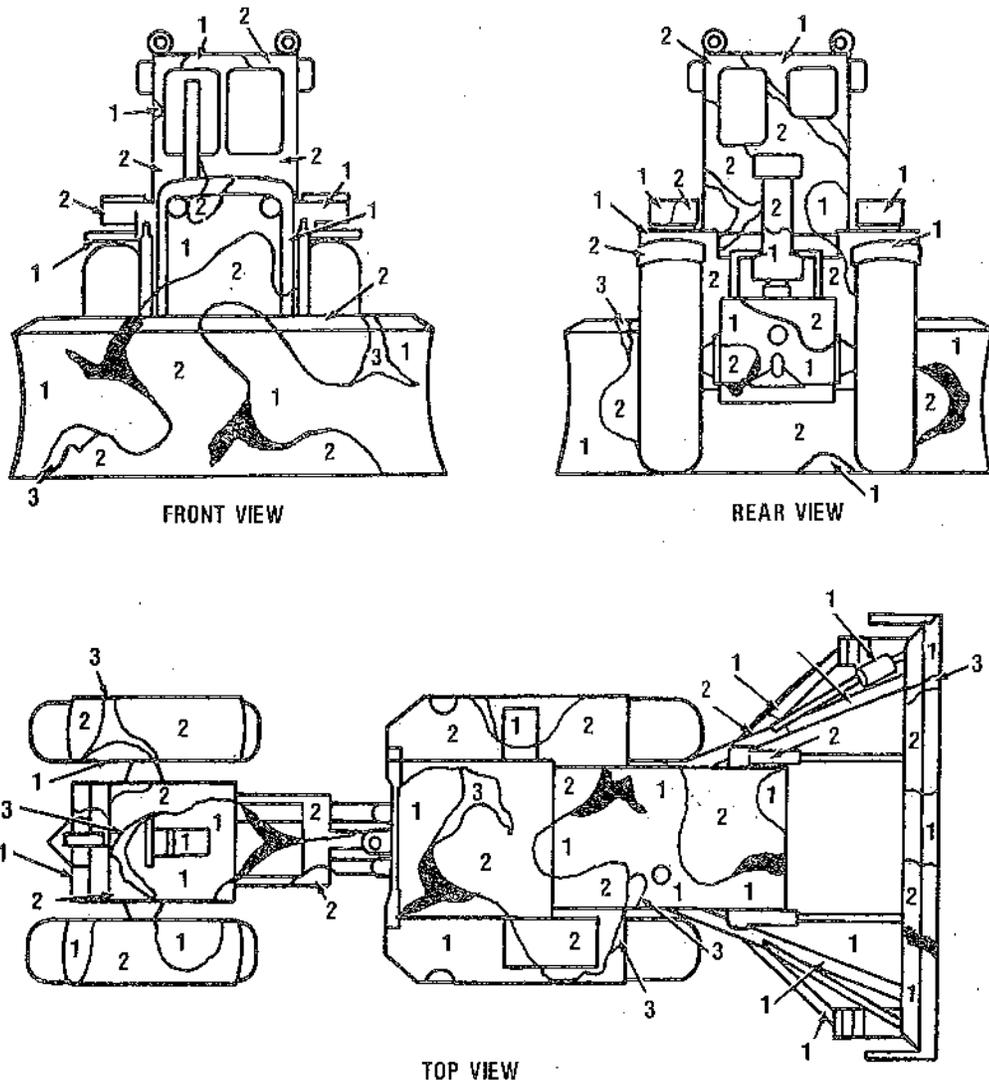
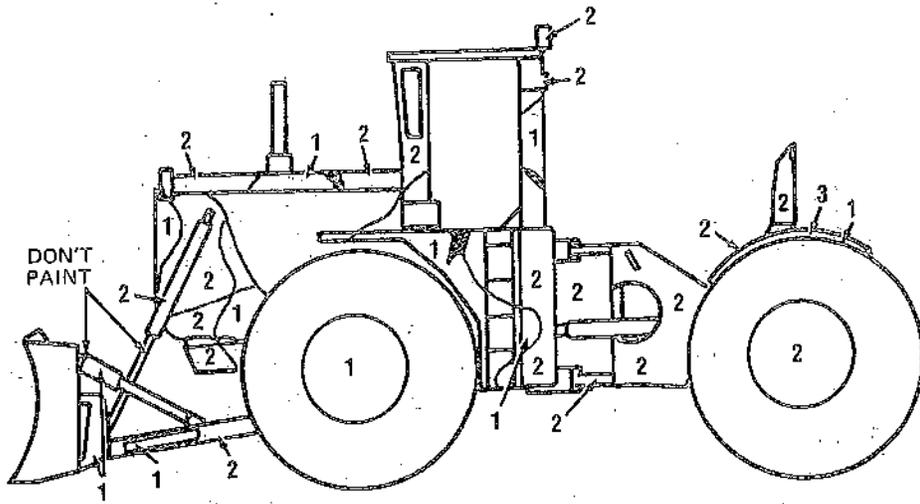
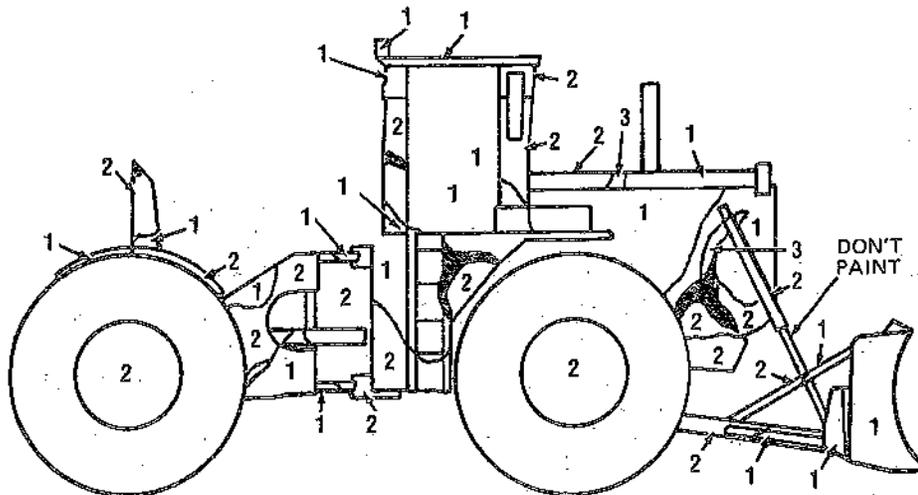


Figure 209. Tractor, medium, wheel, ind, hinged (Clark 290M) MIL-T-62272. (1 of 2)

TA031718



LEFT VIEW

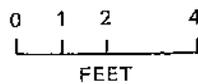
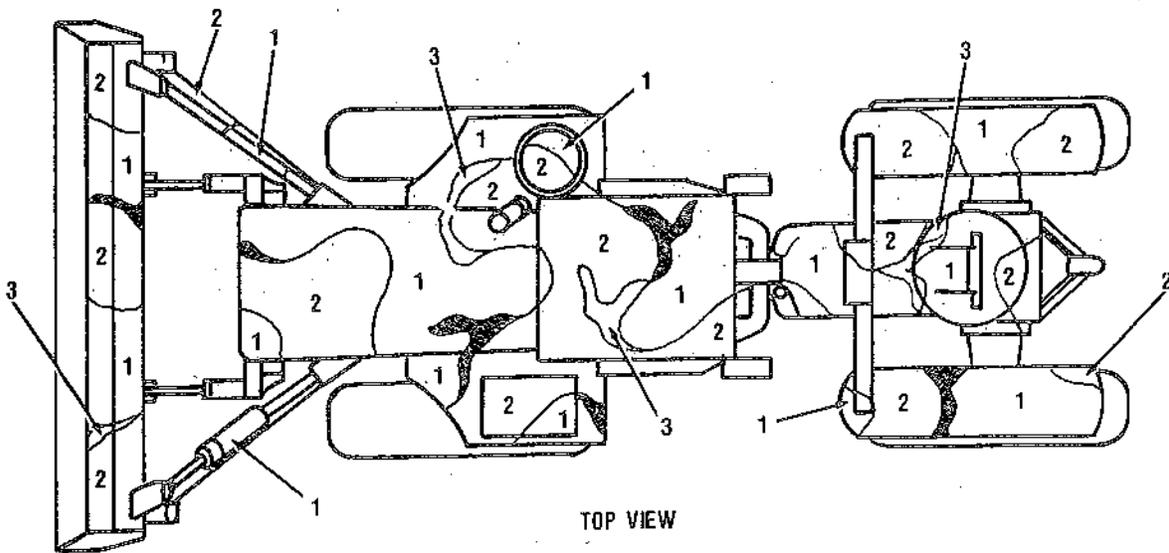
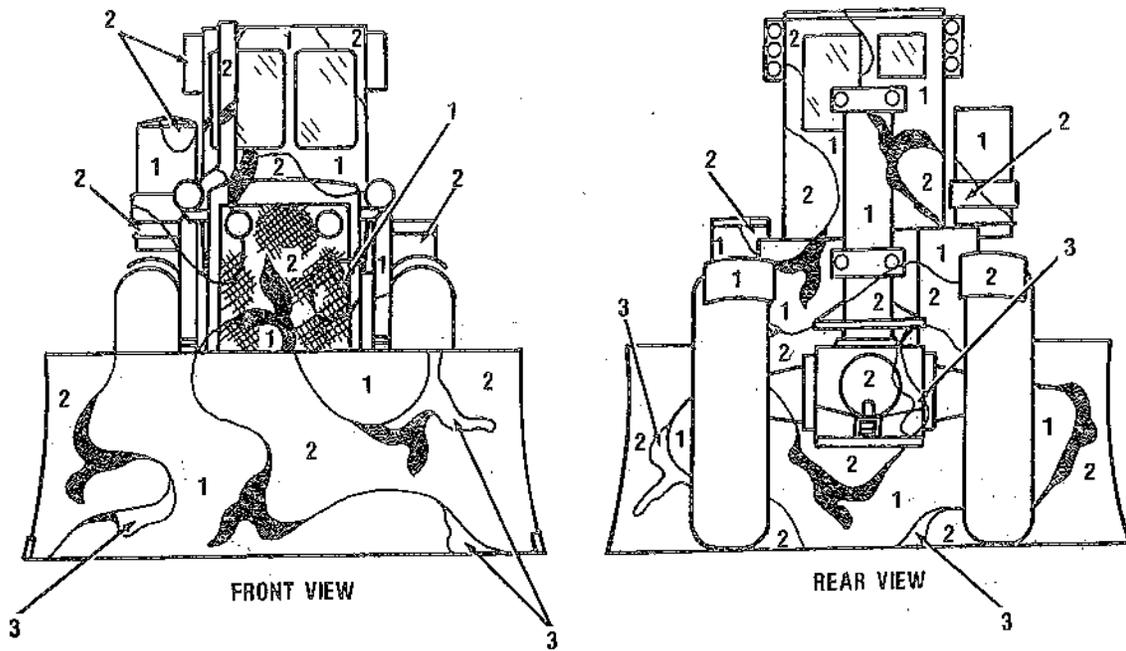


RIGHT VIEW



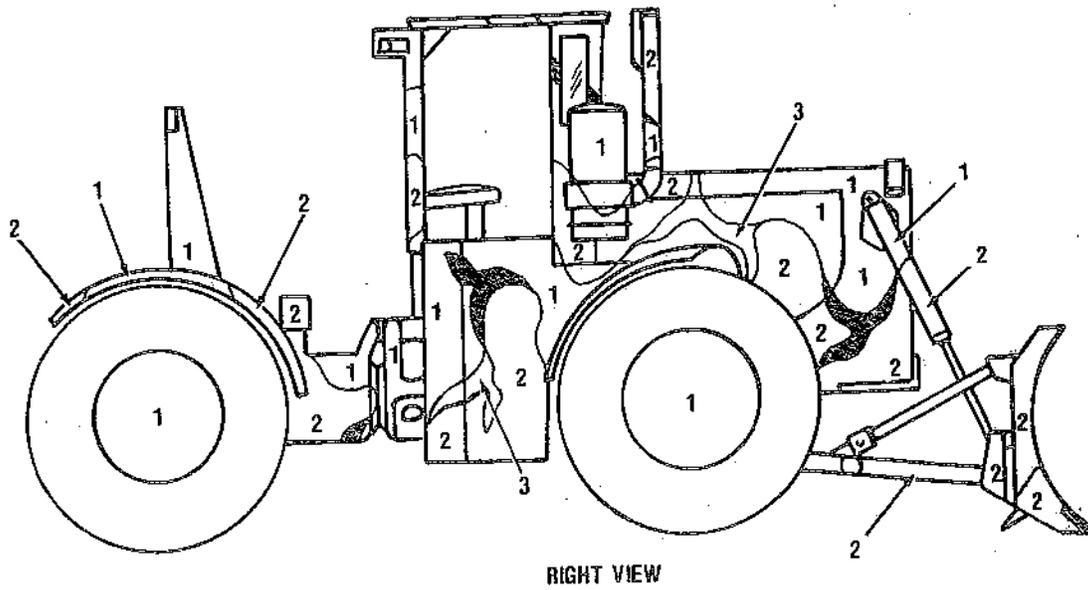
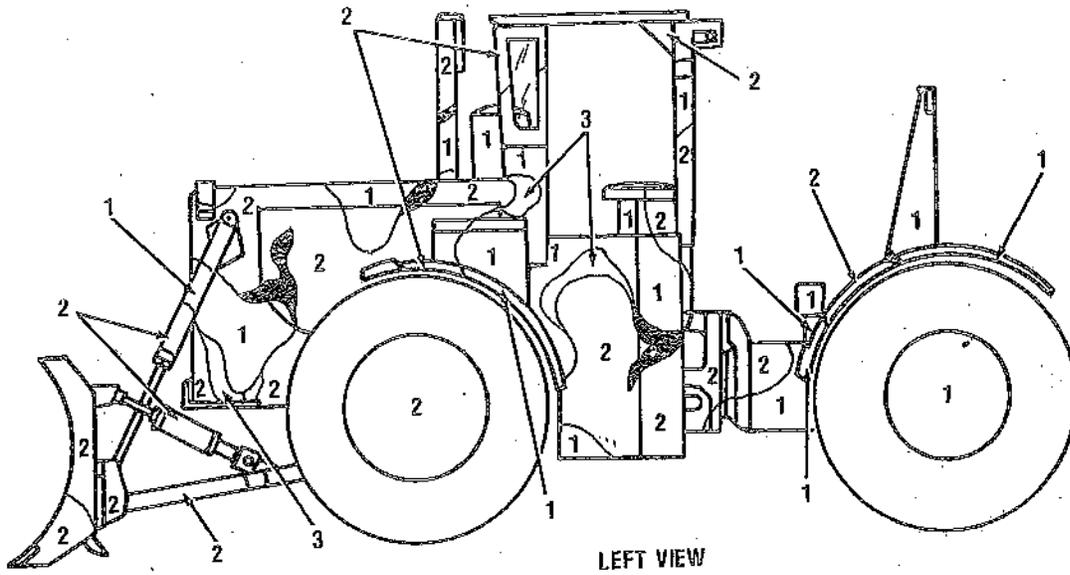
TA031719

Figure 210. Tractor, medium, wheel, ind, hinged (Clark 290M) MIL-T-52272. (2 of 2)



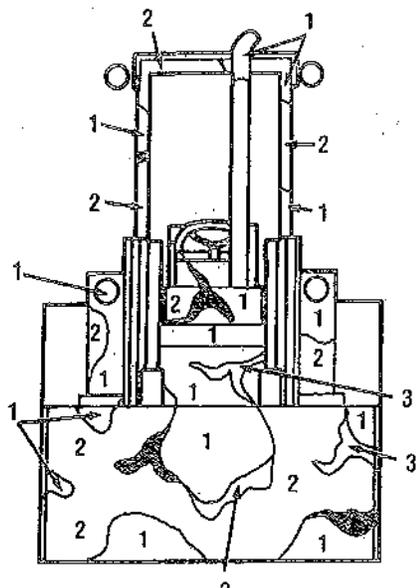
TA031809

Figure 211. Tractor, medium, wheel, ind. hinged (Cat. 830M) MIL-T-52272. (1 of 2)

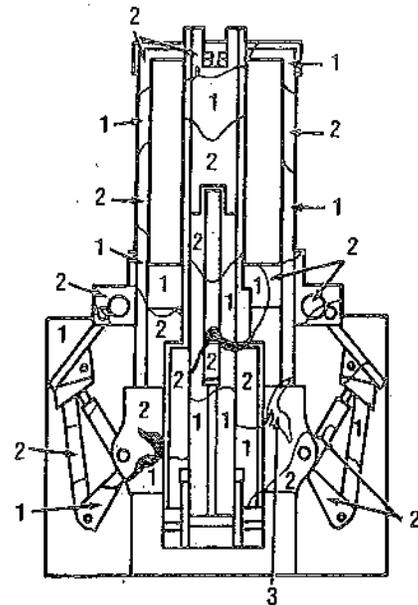


TA031810

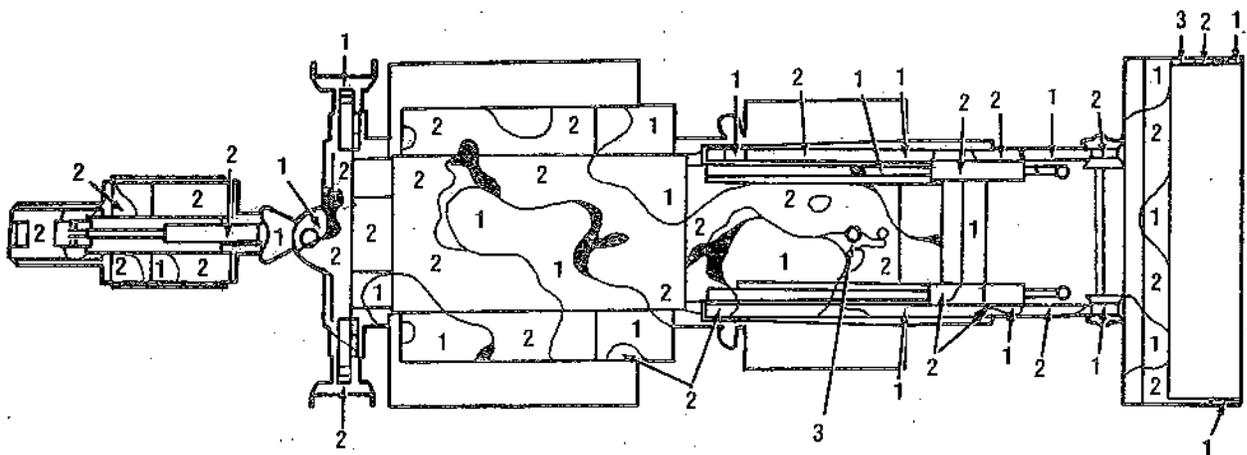
Figure 212. Tractor, medium, wheel, ind. hinged (Cat. 890M) MIL-T-52272. (2 of 2)



FRONT VIEW



REAR VIEW

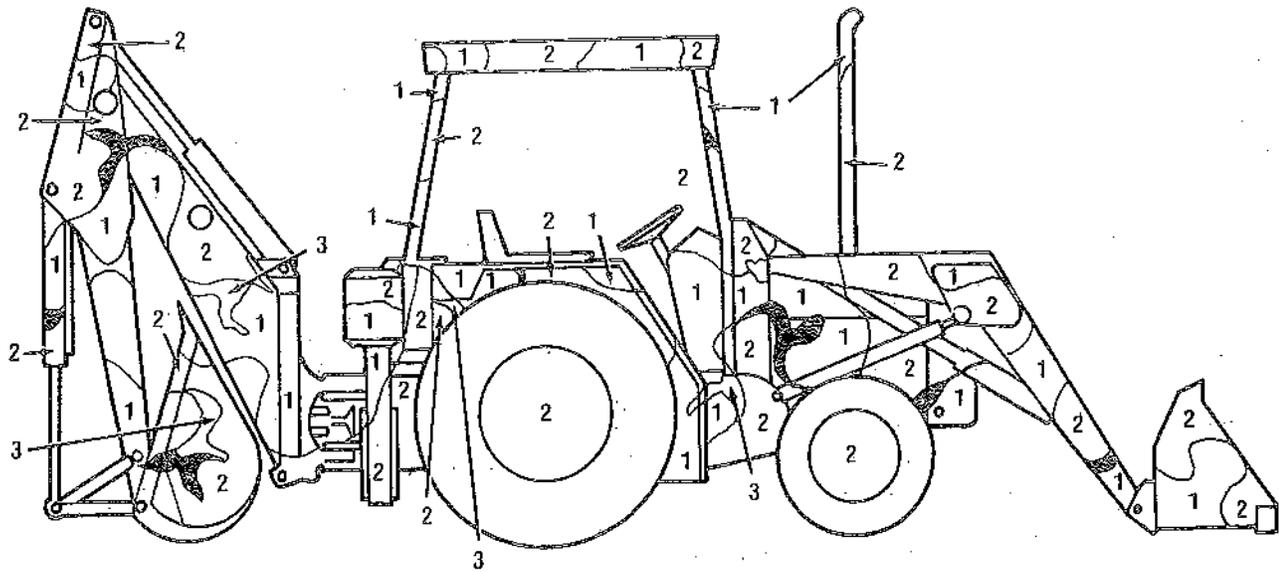


TOP VIEW

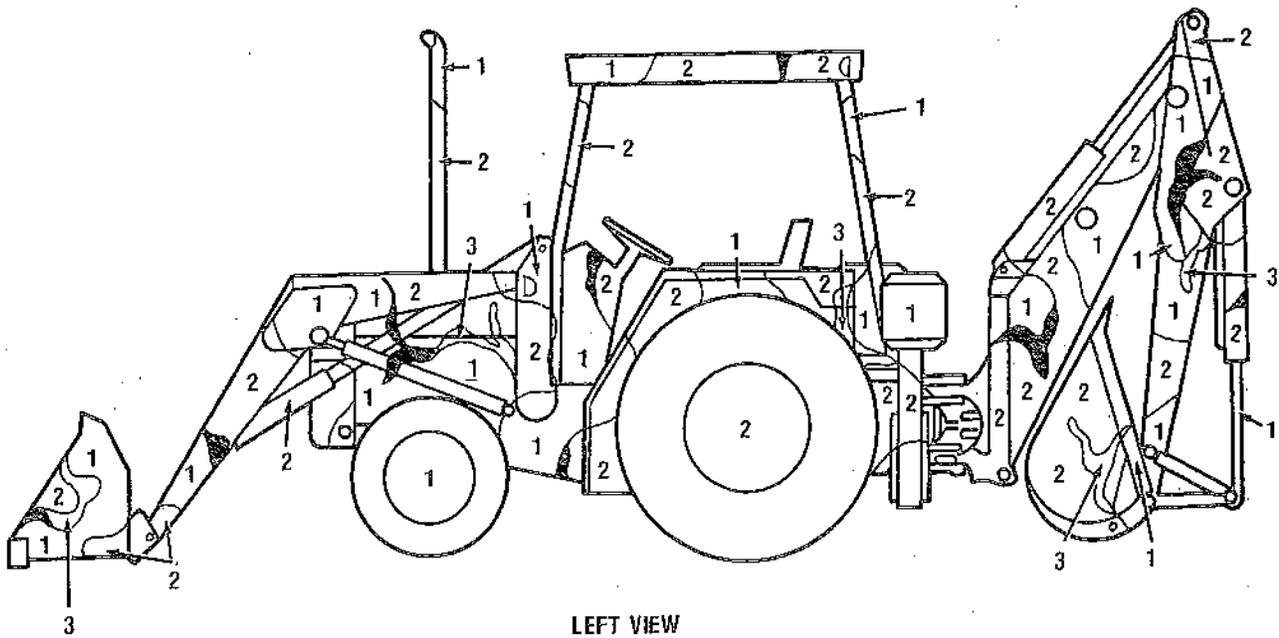


TA031813

Figure 213. Tractor loader/backhoe (John-Deere Model 410) CCE. (1 of 2)



RIGHT VIEW

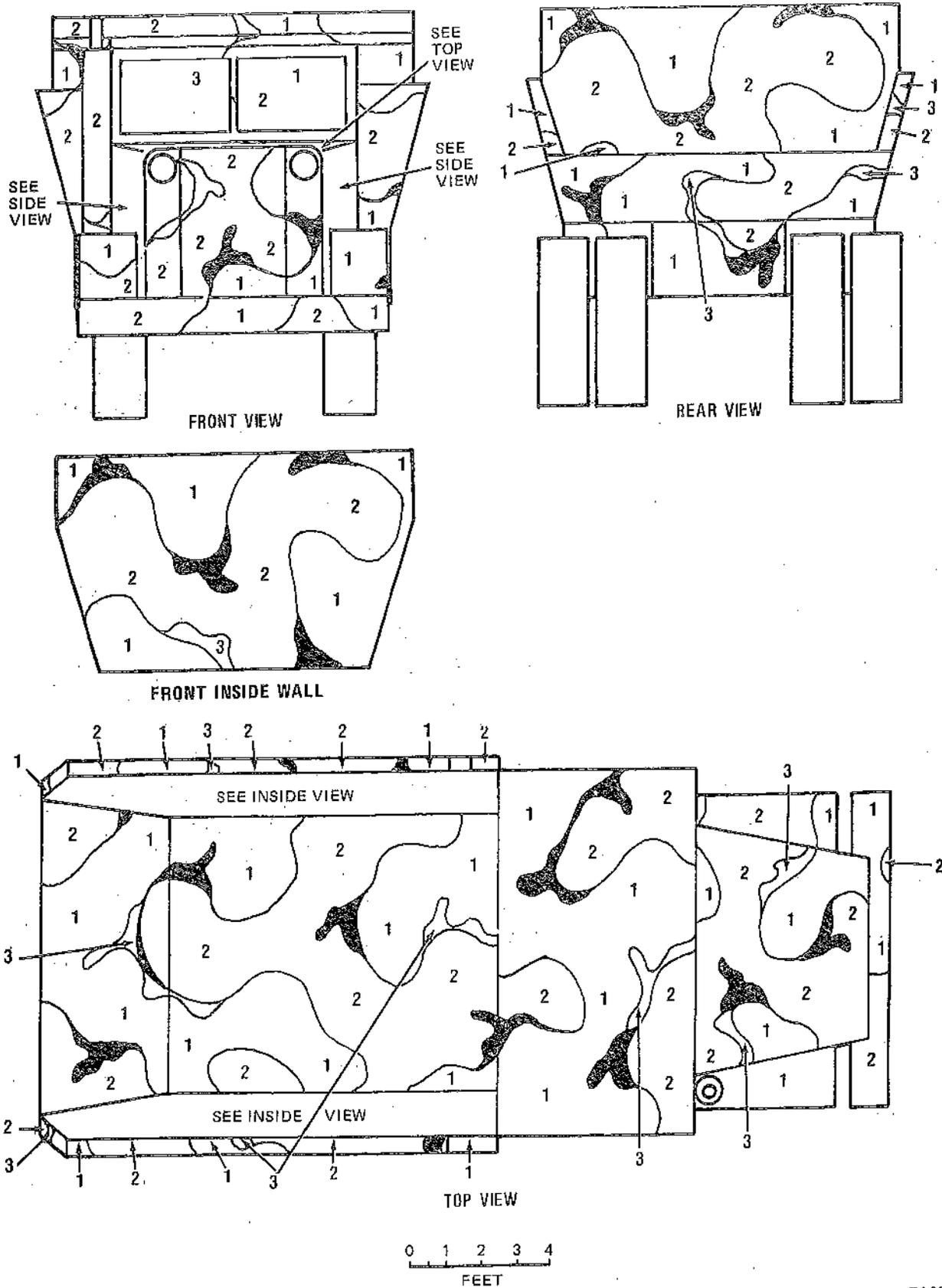


LEFT VIEW



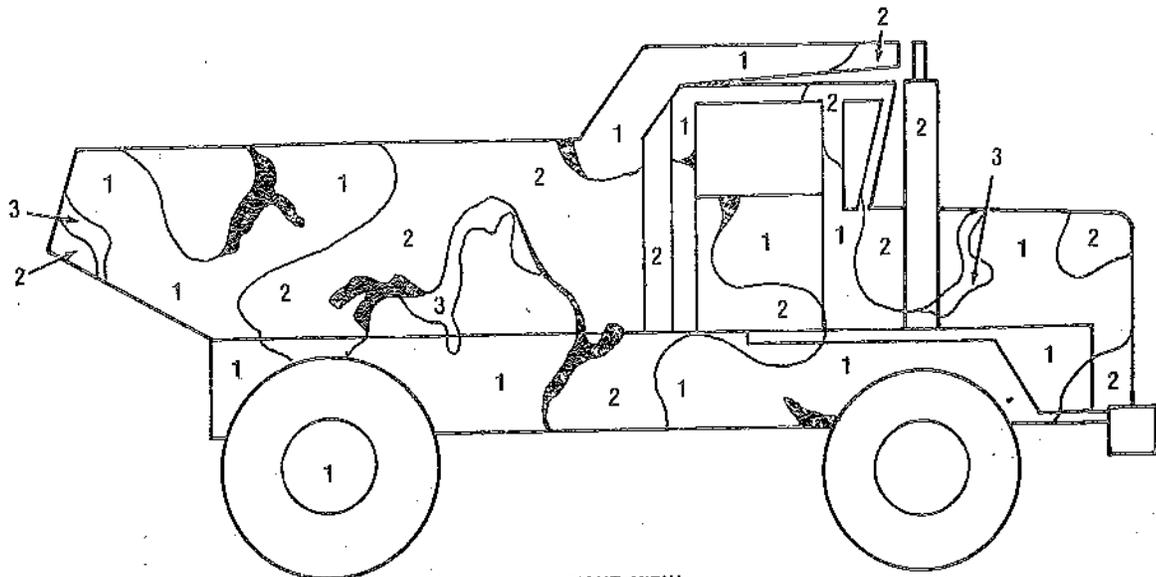
TA031814

Figure 214. Tractor loader/backhoe (John-Deere Model 410) CCE. (2 of 2)

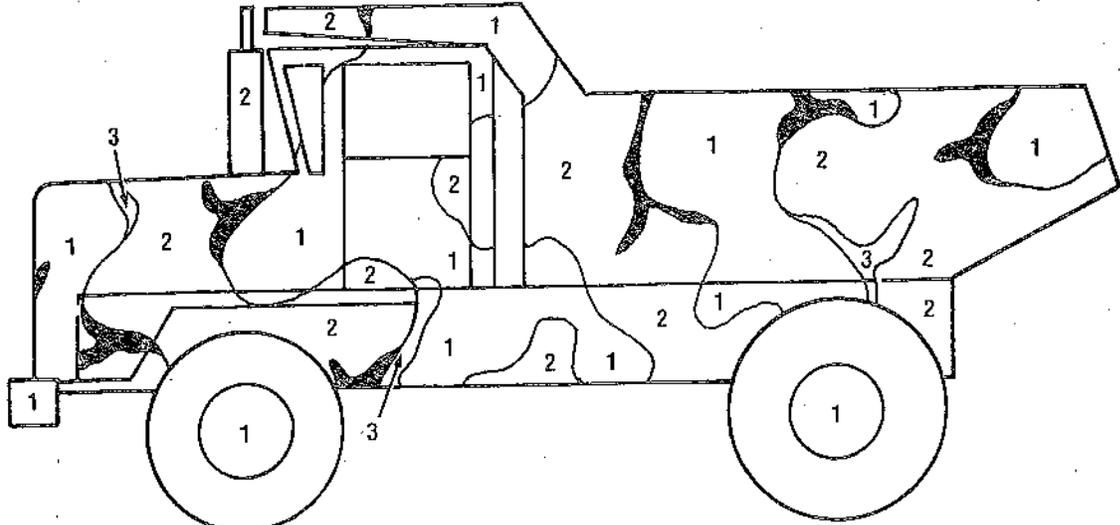


TA031811

Figure 215. Truck, dump, off road, 15-ton, MIL-T-3044. (1 of 2)



RIGHT VIEW



LEFT VIEW

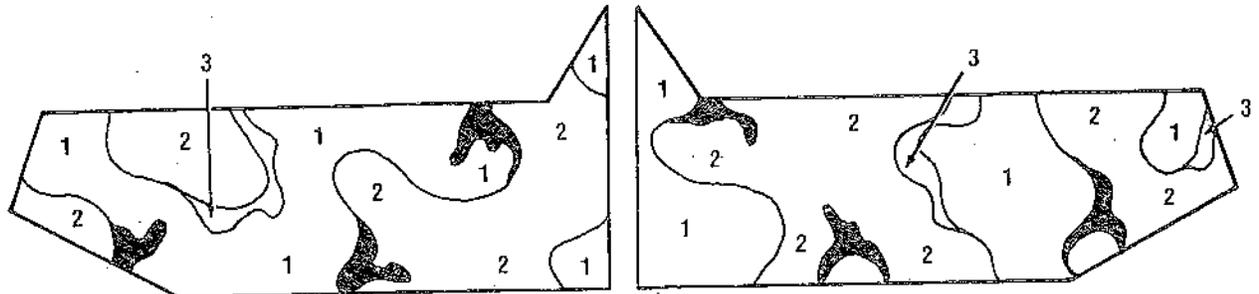


Figure 216. Truck, dump, off road, 15-ton, MIL-T-3044. (2 of 2)

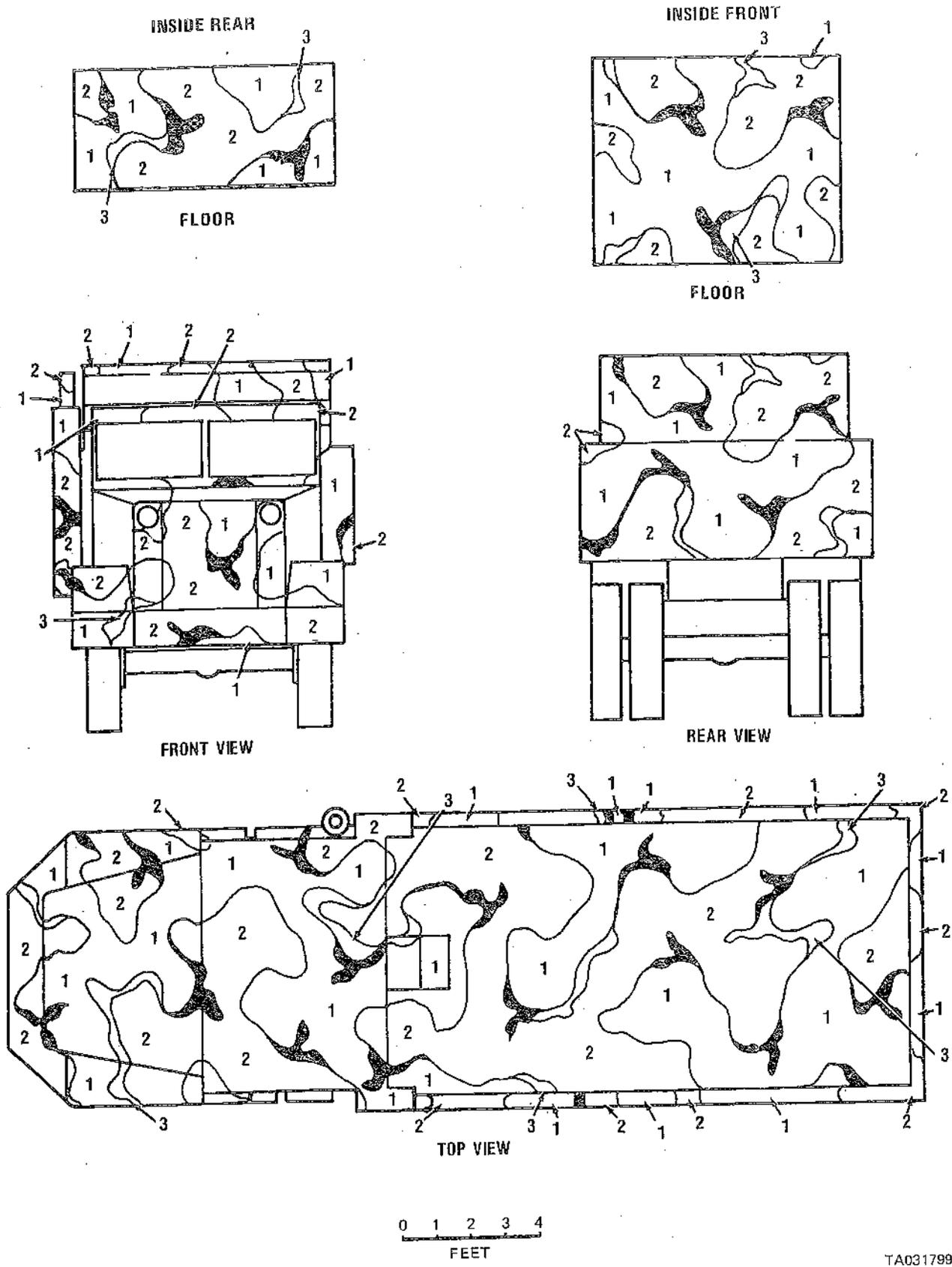
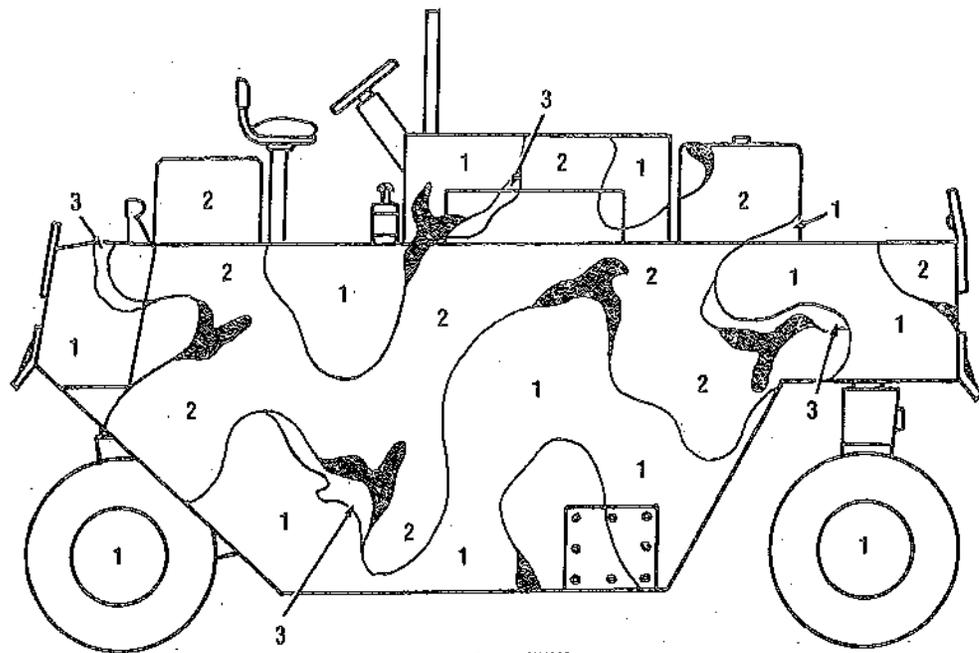
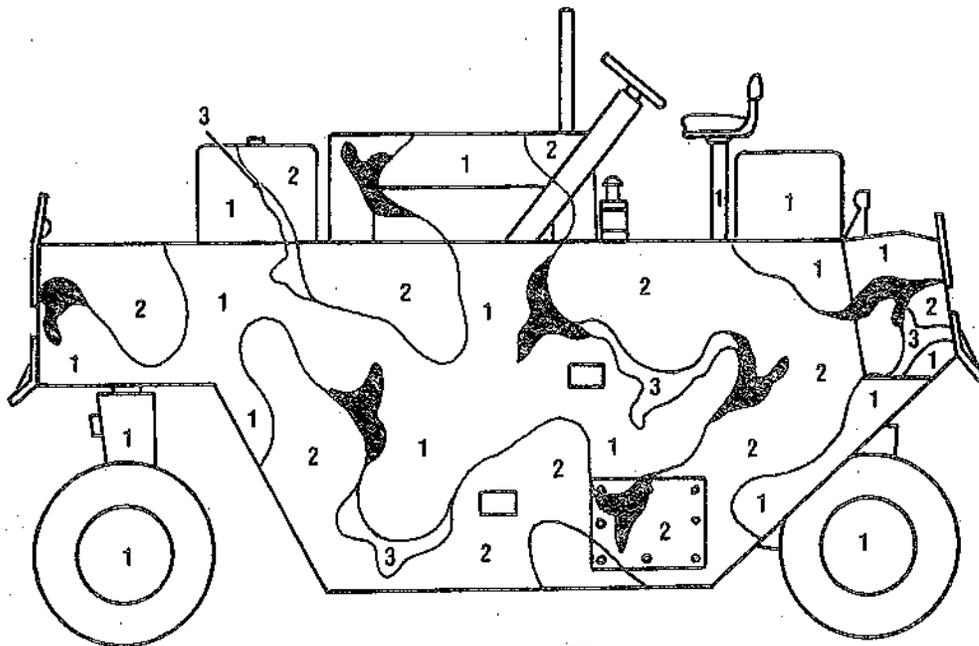


Figure 217. Truck, dump on-off highway, 71,000 GVWR, 20-ton, CCE. (1 of 2)



LEFT VIEW

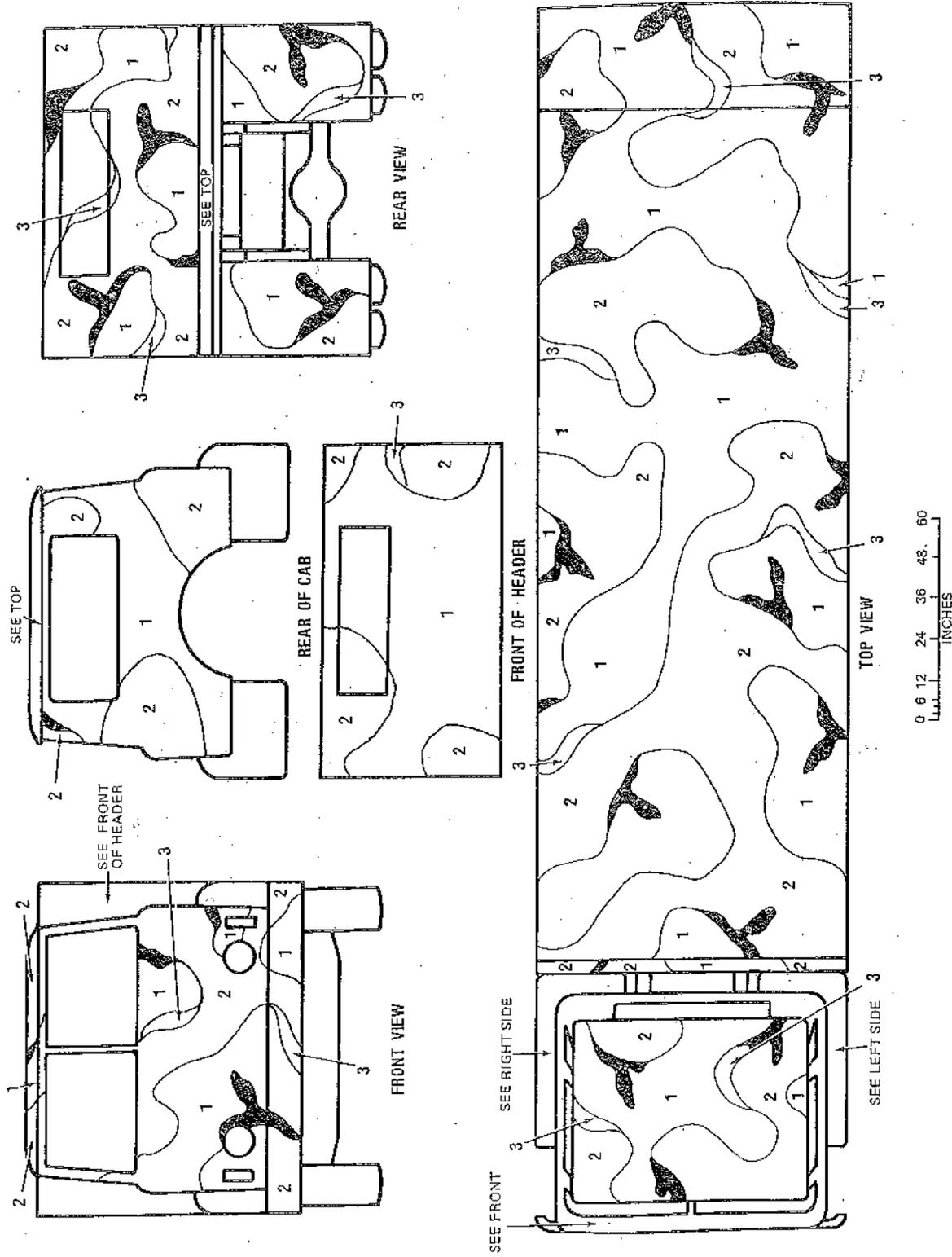


RIGHT VIEW



TA031800

Figure 218. Truck, dump on-off highway, 71,000 GVWR, 20-ton, CCE. (2 of 2)



TA031807

Figure 219. Truck, equipment, transport, tilt platform, commercial. (1 of 2)

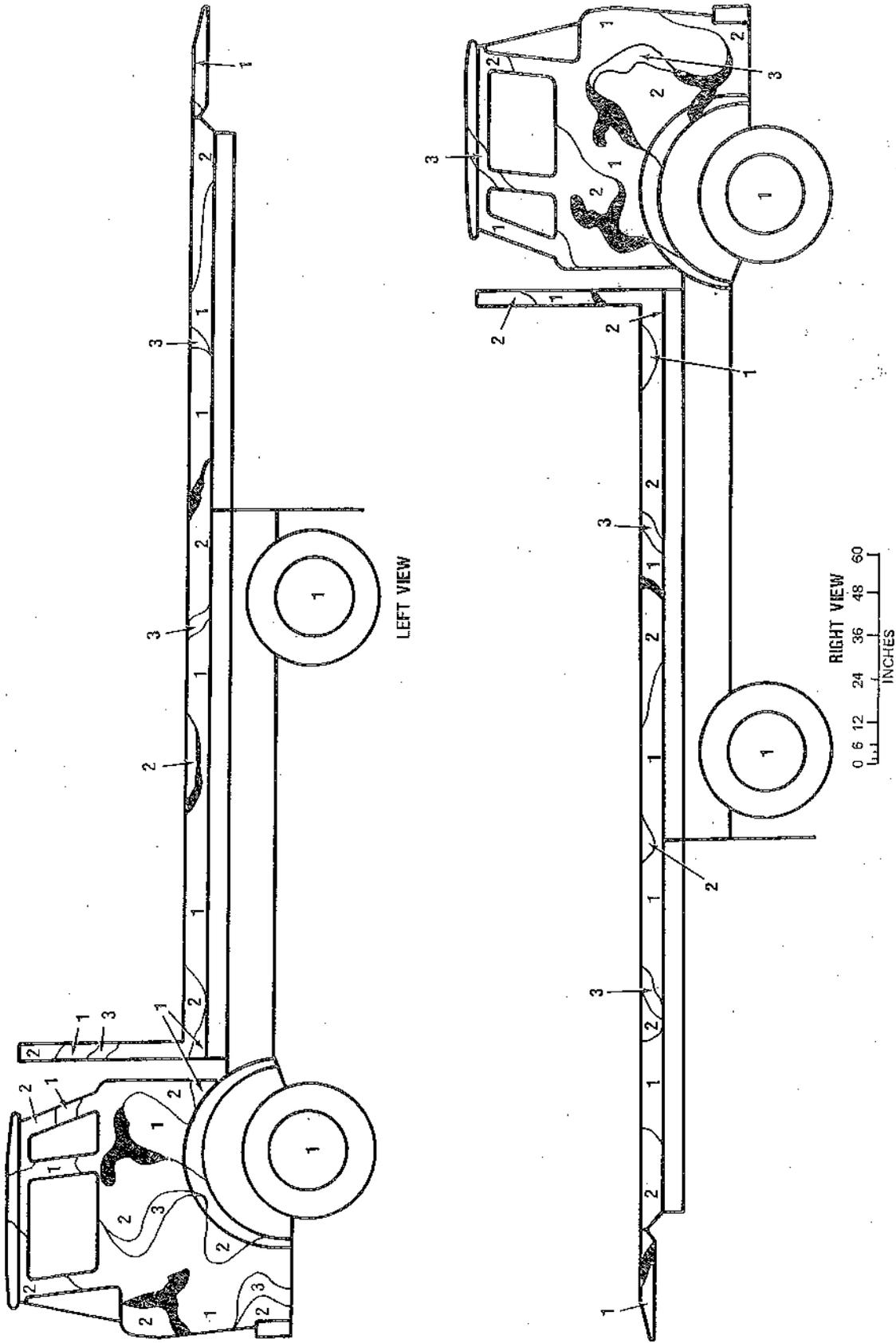
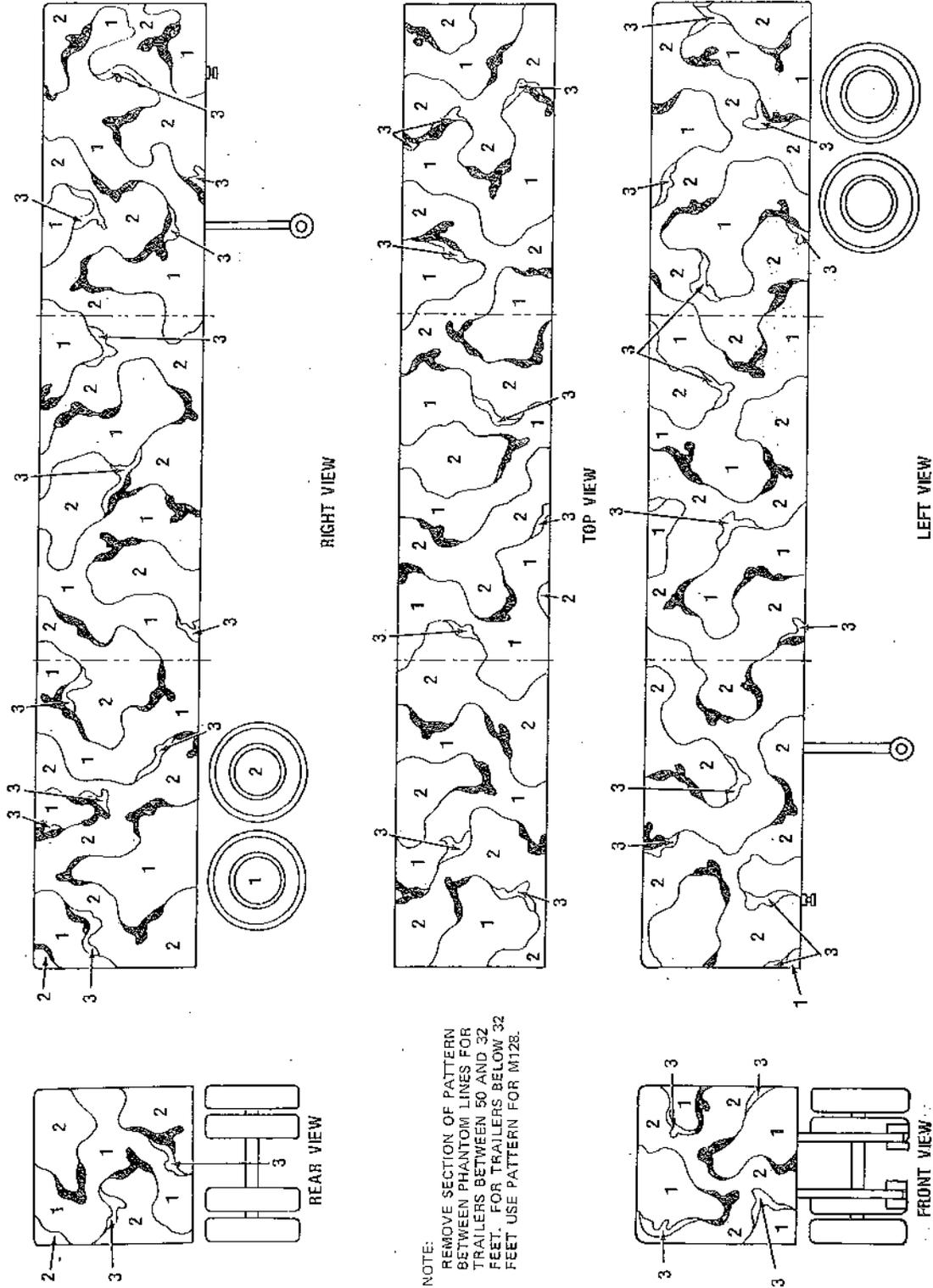
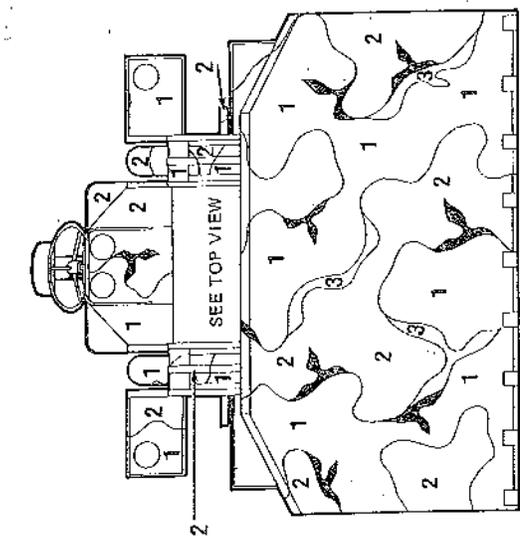


Figure 220. Truck, equipment, transport, tilt platform, commercial. (2 of 2)

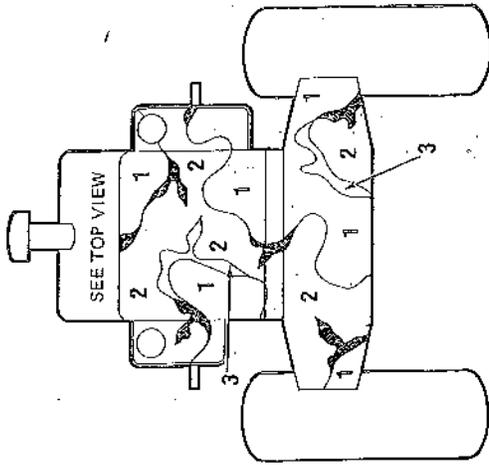


TA031750

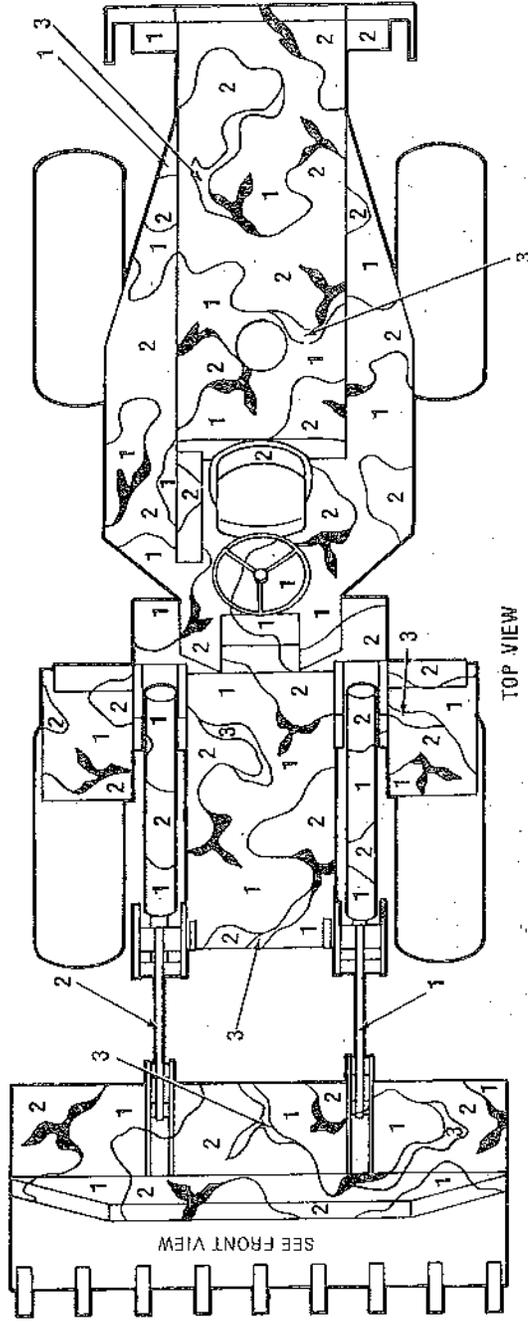
Figure 221. Semitrailer van (typical commercial).



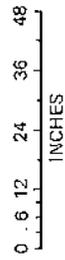
FRONT VIEW



REAR VIEW

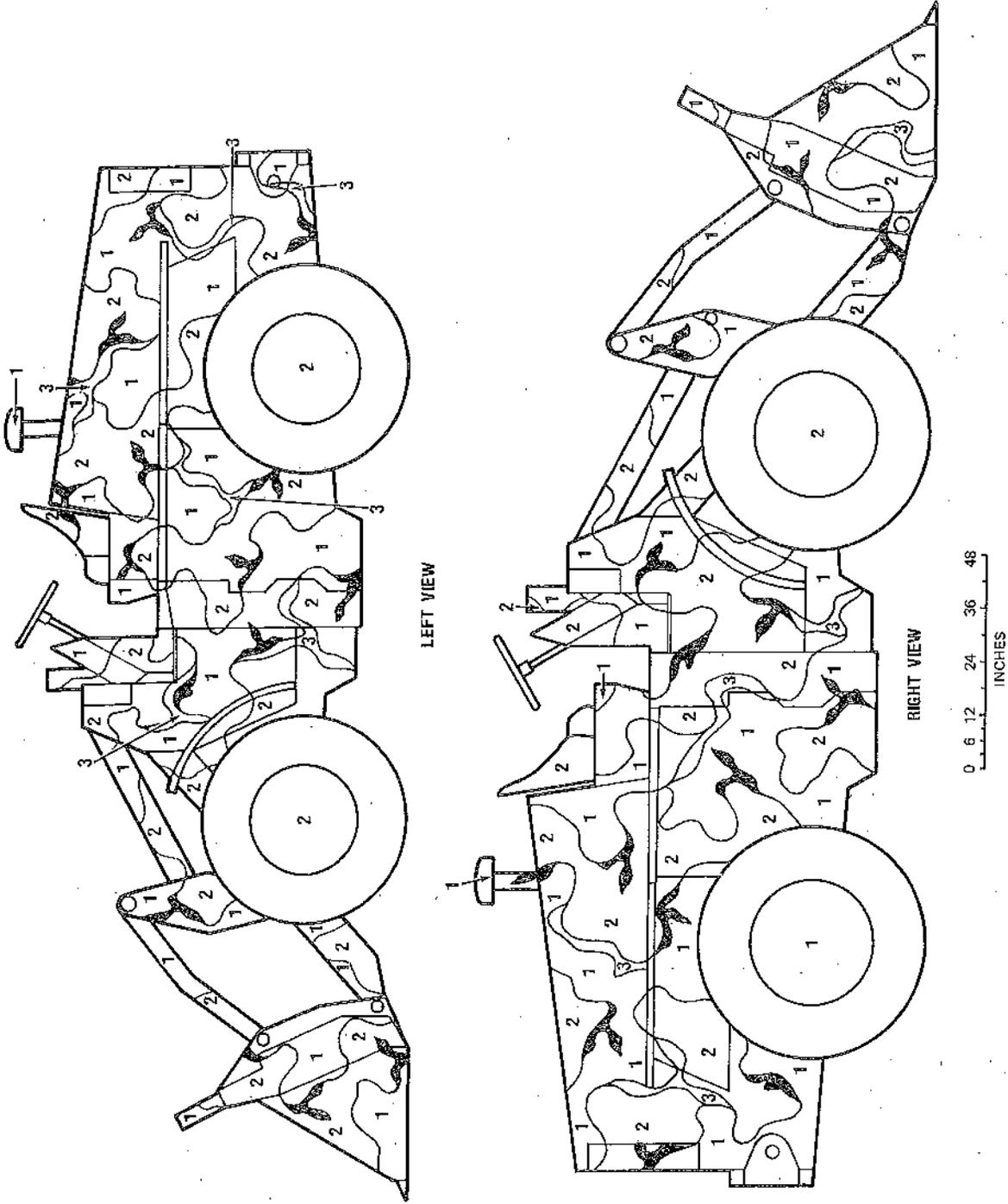


TOP VIEW



TA031795

Figure 222. Scoop loader 645M. (1 of 2)



TA031796

Figure 228. Scoop loader 645M. (2 of 2)

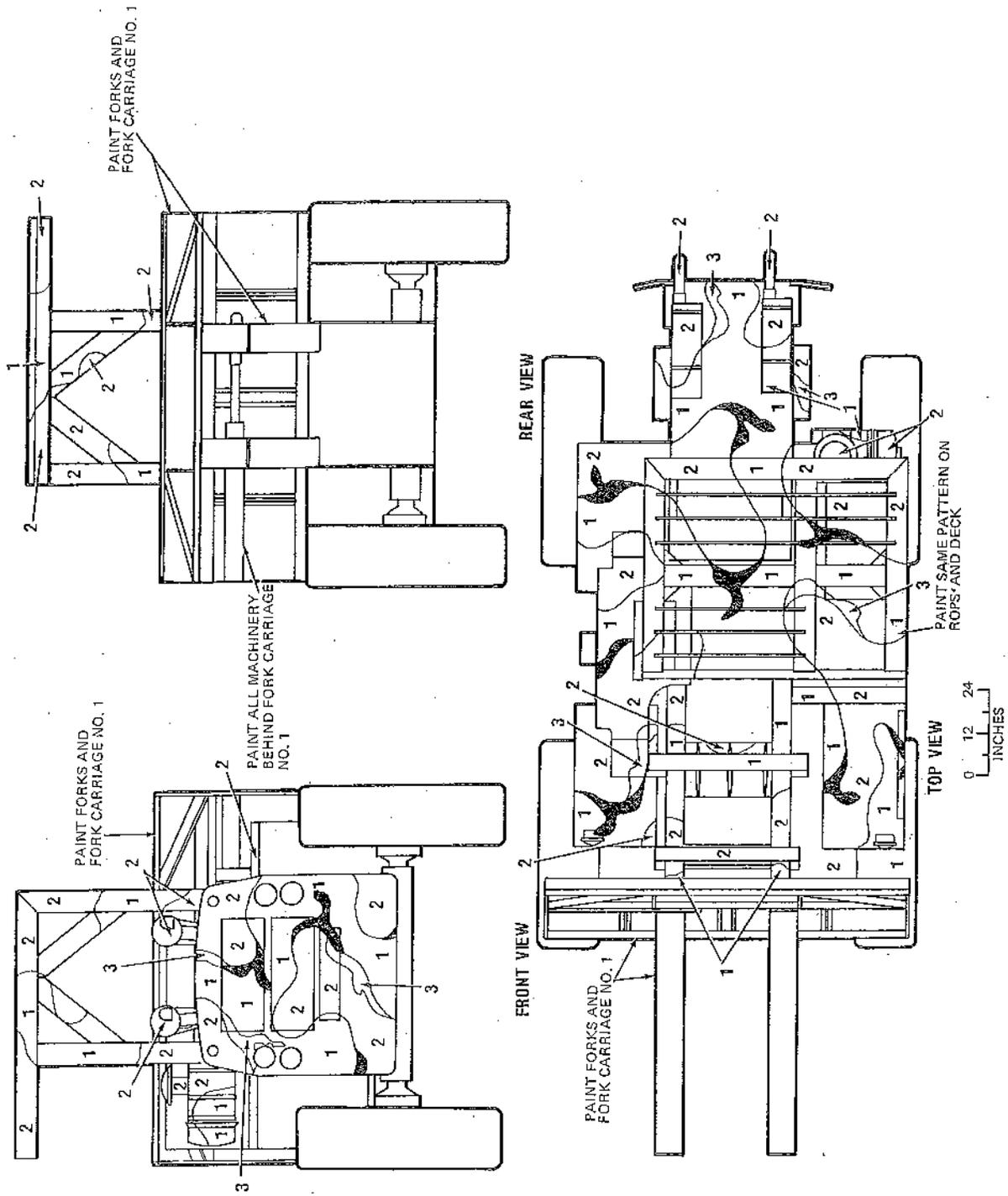
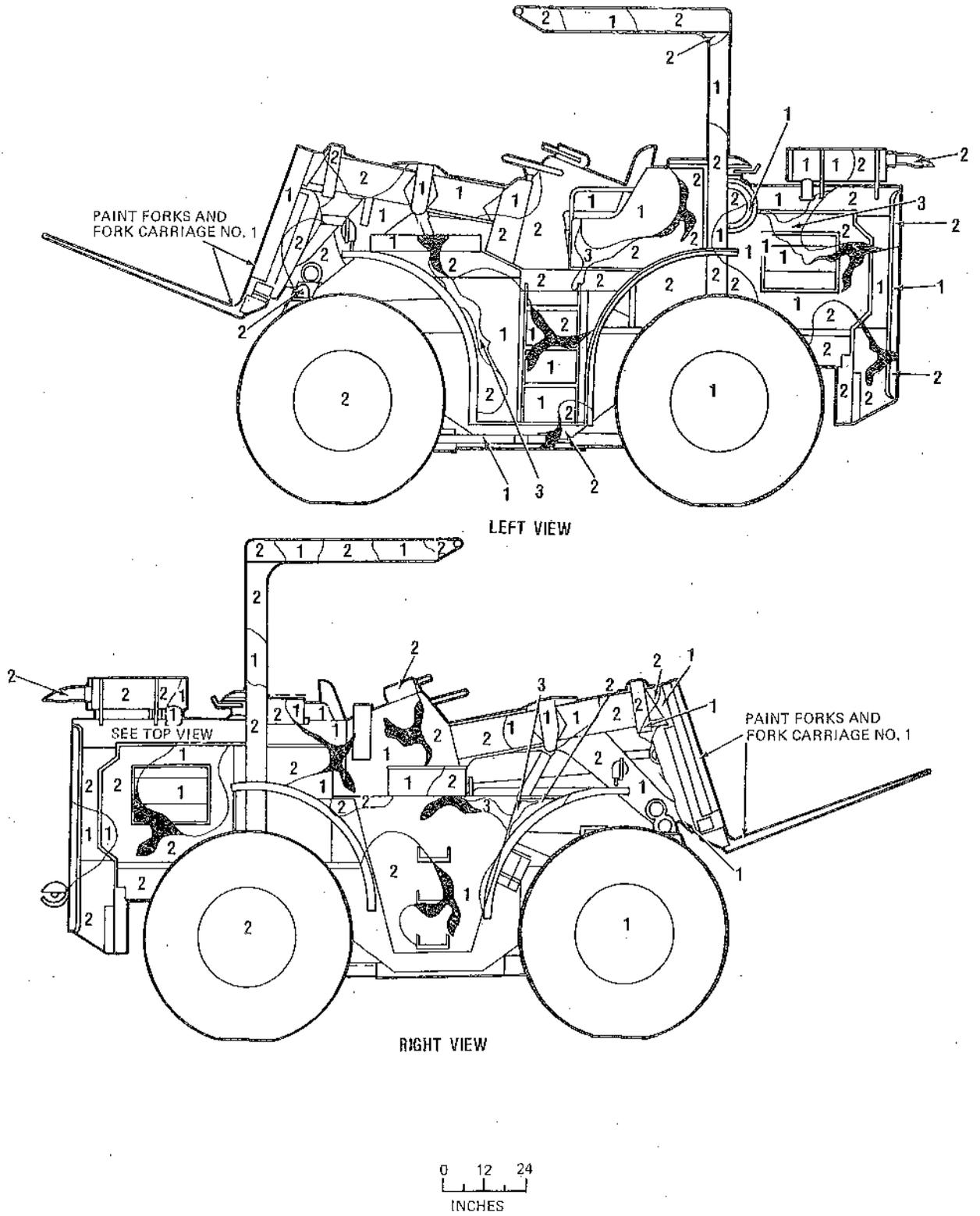
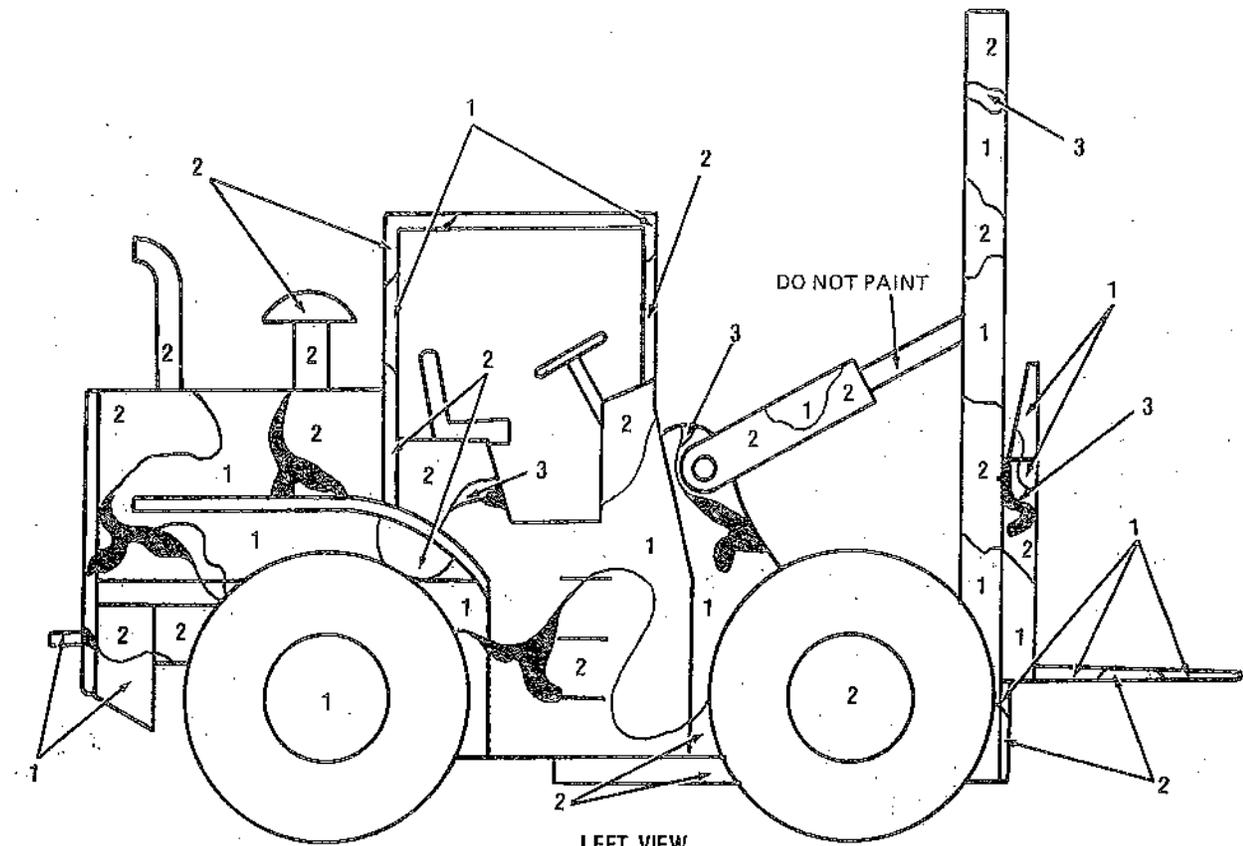


Figure 224. Truck, fork, lift, rough terrain, 10,000 lb. (1 of 2)

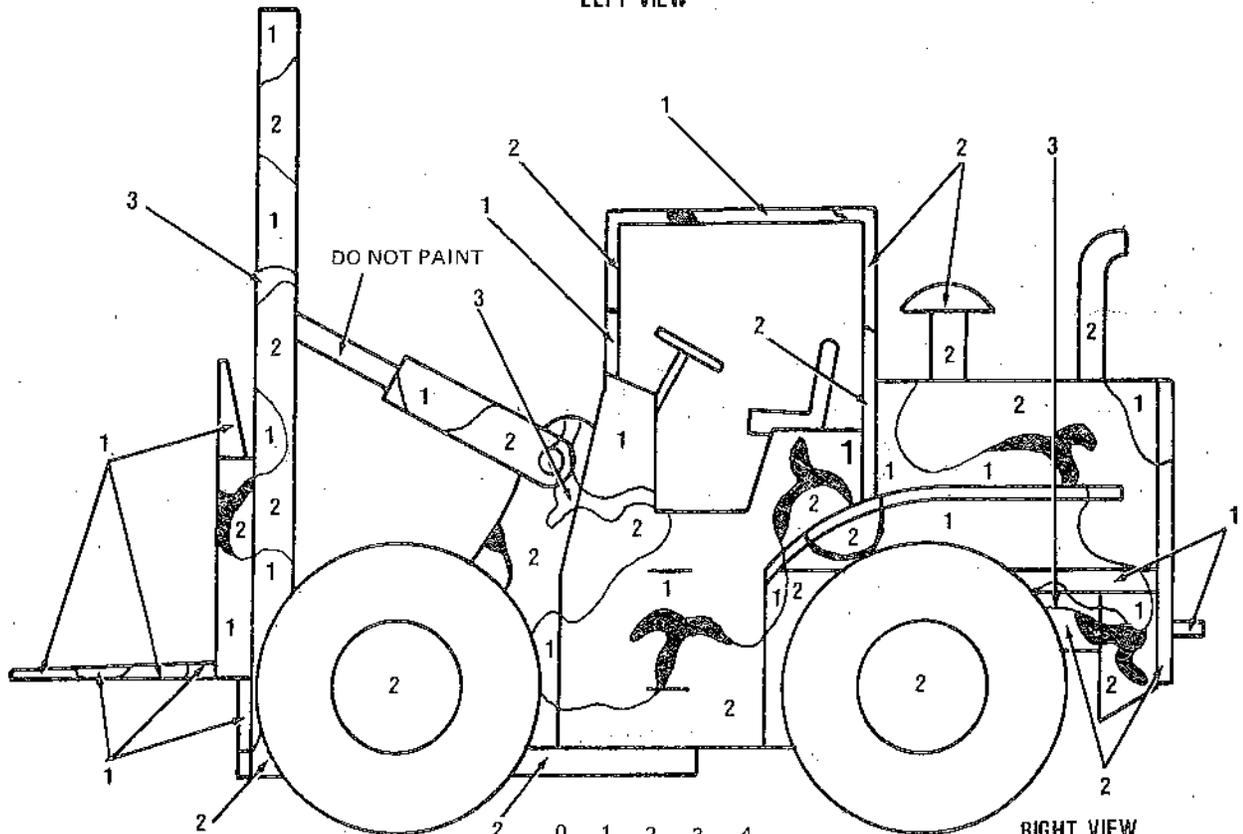


TA031758

Figure 225. Truck, fork, lift, rough terrain, 10,000 lb. (2 of 2)



LEFT VIEW

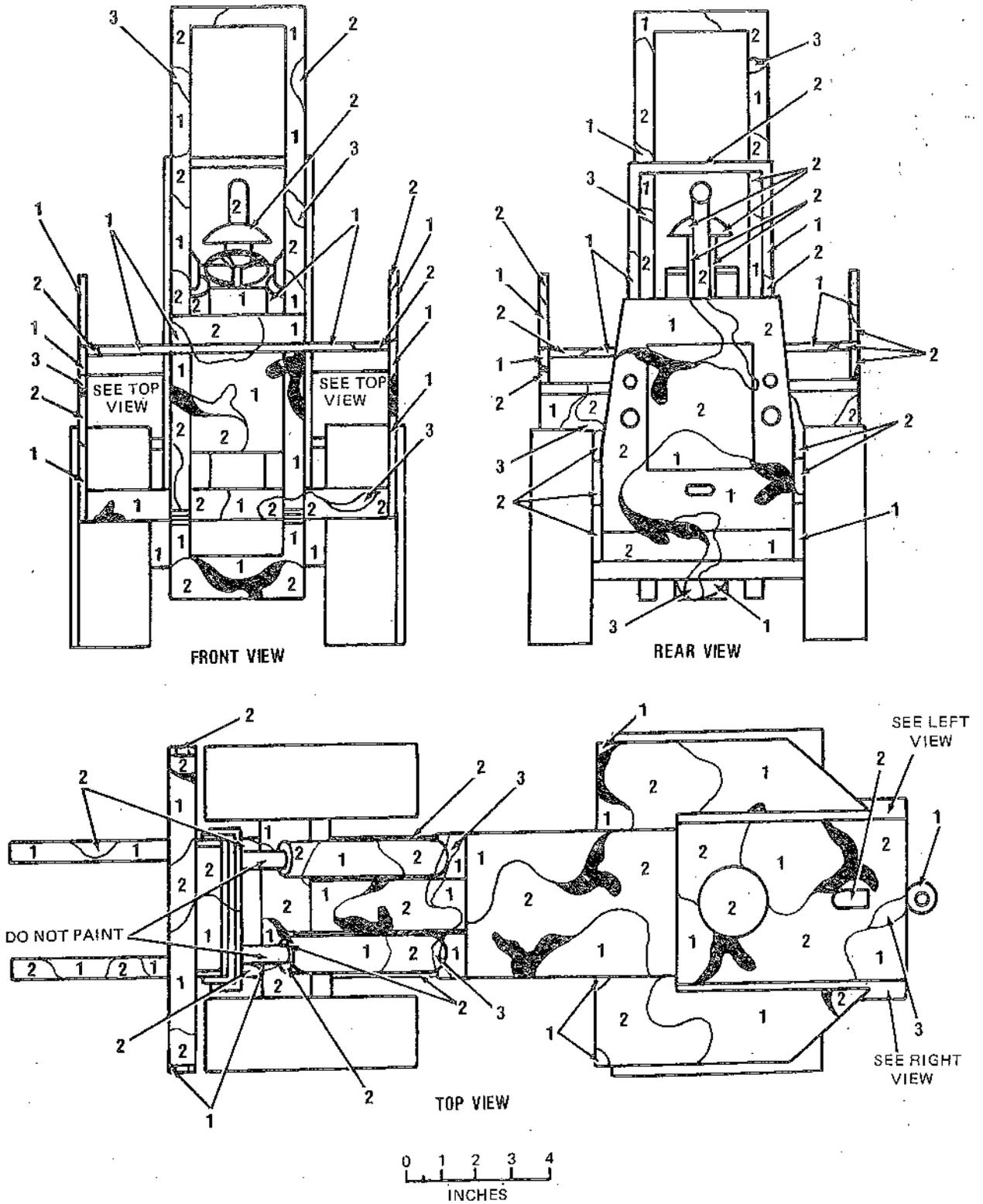


RIGHT VIEW

0 1 2 3 4  
INCHES

TA031624

Figure 226. Truck, fork lift, commercial, 15,000 and 50,000 lb. (1 of 2)



TA031625

Figure 227. Truck, fork lift commercial, 15,000 and 50,000 lb. (2 of 2)

## APPENDIX B

### VEHICLE CAMOUFLAGE PATTERNS

#### WHEELED VEHICLES

Model No.	Nomenclature	Figure No.
M274	½-Ton, Truck Platform, Utility	29-30
M151	¼-Ton, Truck (w/canvas)	31-32
	¼-Ton, Truck (wo/canvas)	33-34
M718	¼-Ton, Truck, Ambulance	35-36
M561	1¼-Ton, Cargo Truck (GAMMA GOAT) (see M792)	37-38
M792	1¼-Ton, Truck, Ambulance	39-40
M715	1¼-Ton, Cargo, Truck	41
M880	1¼-Ton, Cargo, Truck	42-43
M726	1¼-Ton, Truck, Maint. w/Winch	44-45
M725	1¼-Ton, Truck, Ambulance	46-47
M352A2	2½-Ton, Cargo Truck	48-49
M185	2½-Ton, Truck, Instrument Repair Shop	50-51
M756	2½-Ton, Truck Maint. Pipeline Const.	52-53
M292A2	2½-Ton, Expansible Van	54-55
M49C	2½-Ton, Tank Truck, 1200-Gal.	56-58
M54	5-Ton, Cargo, Truck	59-60
M51	5-Ton, Dump Truck	61-62
M52A2	5-Ton, Tractor	63-64
M543	5-Ton, Truck Wrecker	65
M291	5-Ton, Truck, Van Expansible	66-67
M55	5-Ton, Truck, Wrecker	68-69
M656	5-Ton, Truck, Cargo	70-71
M520	8-Ton, Cargo, Truck	61-62
M123E2	10-Ton, Truck Tractor (see M52A2)	72-73
M553	10-Ton, Truck Wrecker	74-75
M746	22½-Ton, Truck, Tractor	76-77
XM523E2	25-Ton, Truck, Tractor	
	TANKS, CARRIER PERSONNELS AND SELF-PROPELLED WEAPONS	
M60	Tank, 105—MM, Turret	78-79
M60	Tank, 105—MM, Hull	80-81
M60A2	Tank, 152—MM, Turret	82-83
M48A1	Tank, 90—MM, Gun Turret	84-85
M48A2	AVLB (Bridge)	86-87
M109	Howitzer, 155—MM	88-89
M110	Howitzer, 8-inch	90-91
M42	Gun, Twin, 40—MM, SP	92-93
M163	VULCAN	94-95
M728	Combat Eng. Vehicle (CEV)	96-97
M113	Personnel Carrier	98-99
M106	Carrier Mortar (see M113)	98-99
M125	Mortar, 81MM (see M113)	98-99
M114	Carrier Command/Recon	100-101
M577	Carrier Command Post	102-103
M88	Recovery Vehicle	104-105
M578	Recovery Vehicle	106-107
XM501	Loader Transporter (Hawk)	108-109
M551	Armored Recon/Airborne Vehicle	110-111
M706E1	Commando Vehicle/w 58-Cal. Mach. Gun	112-113
	Mobile Assault Bridge (MAB)	
	Artillery Radar	114-115
	CHAPPARAL Launcher	116-118
	CHAPPARAL Carrier	119-120
M548	Ammo Carrier	121-122
	TRAILERS	
M416	¼-Ton Trailer	123-124
M101A1	¾-Ton Trailer	125-126
M105	1¼-Ton Trailer (see M101A1)	125-126
M332	1¼-Ton Ammo Trailer	127-128
M149	Trailer, 400 Gal. (also M107)	129-130
M313	6-Ton Semitrailer Van	131-132
M128	12-Ton Semitrailer (also M127A1C)	133-135
M172A1	25-Ton Semitrailer, Low Bed	136-137

Model No.	Nomenclature	Figure No.
XM524E2	55-Ton, Semitrailer, 4-Wheel	138-139
M278	Semitrailer, Water, 1500-Gal, 2-Wheel	140-141
M15A2	50-Ton Semitrailer, Tank Trans.	142-143
M345/XM361	10-Ton Trailer 4-Wheel	144-145
M146	6-Ton Semitrailer Van, 2-Wheel	146-147
M269/270	12-Ton Semitrailer Wrecker, 4-Wheel	148-149
M796	4-Ton Trailer Bolster GP, 4-Wheel	150-151
XM747	52 $\frac{1}{2}$ -Ton, Semitrailer, L. B. HET	152-153
M131A5C	Tank Truck, 5000-Gal.	154-155
M295A1	6-Ton, Semitrailer Shop Van, 4 Wheel	156-157
	2 $\frac{1}{2}$ -Ton, Trailer Stake, 4 Wheel	158-159
<b>CONSTRUCTION EQUIPMENT</b>		
MIL-C-555	Compressor, Air 600 CFM	160-161
	250 CFM Compressor	162-163
MIL-C-52648	Crane-Shovel, Crwlr Mtd, 40-Ton (2 cards)	164-165
MIL-C-52326	Crane, Crwlr Mtd, 60-Ton (2 cards)	166-167
	Crane, Hyd, Trk Mtd, 25-Ton CCE (2 cards)	168-169
H446	Crane, Rough Terrain	170-171
MIL-C-52640	Crane-Shovel, Crwlr Mtd, 12 $\frac{1}{4}$ -ton	172-173
MIL-C-10466	Crane-Shovel, Trk Mtd, 20-ton	174-175
MIL-C-52341	Crane, Rough Terrain, 20-Ton (2 cards)	176-177
MIL-C-52427	Crane, Whl Mtd, 7-Ton AB	178-179
	Distributor, Asphalt, Trk Mtd, 1500-Gal CCE	180-181
	Distributor, Liquid (MO 30) (2 cards)	182-183
MIL-D-52091	Ditching Machine (Person Model 624-VL)	184-185
MIL-G-804	Grader, Heavy (Cat. 112) (2 cards)	186-187
	Grader, Heavy (Huber F1500M) (2 cards)	188-189
	Grader, Heavy (Webco 440HA) (2 cards)	190-191
MIL-M-15081	Mixer, Rotary, SP	192-193
	Motorcycle (2 cards)	194-195
MIL-R-10550	Roller, Motorized, Tdm, 5-8-Ton	196-197
MIL-R-3781	Roller, Motorized, 3-Whl, 10-12-Ton	198-199
MIL-R-52453	Roller, Motorized, 9-Whl, Pneu Tire	200
MIL-R-11806	Roller, Towed, 13-Whl, Pneu Tire	201-202
	Roller, Towed, Vibratory	203-204
M63 (mod)	Shop Equipment, Trk Mtd	205-206
MIL-T-82118	Tractor w/o Winch, Air Drop (MC)	207-208
MIL-T-52272	Tractor, Medium, Whl, Ind, Hinged (Clark 290M)	209-210
MIL-T-52272	Tractor, Medium Whl, Ind, Hinged (Cat. 830MB)	211-212
	Tractor, Loader/Backhoe (John Deere Model 410) CCE	213-214
MIL-T-3044	Truck, Dump, Off Road, 15-Ton	215-216
	Truck, Dump, On-Off Hwy, 71,000 GVWR, 20-Ton CCE	217-218
	Truck, Equip. Trans, Tilt, Platform Comm.	219-220
	Semitrailer Van (Comm. Type)	221
<b>MATERIAL HANDLING EQUIPMENT</b>		
645M	Scoop Loader	222-223
	Truck, Fork Lift, Rough Terrain, 10,000 lb (2 cards)	224-225
	Truck, Fork Lift, Commercial, 15,000 and 50,000 lb	226-227

## APPENDIX C

### VEHICLE PATTERN DESIGN CROSS REFERENCE

Vehicle model No.	Description	Pattern designed	No pattern recommended	Reference pattern	Reference pattern figure No.
MIL-C-52640	Crane-Shovel, Crawler 12¼-Ton	X		Crane-Shovel	164-165
MIL-C-52341	Crane-20 T RT	X		Crawler 40 Ton	
MIL-C-52581	Crane, Whl Mtd, Hyd, 6-Ton	X		H446	170-171
MIL-C-10466	Crane-Shovel, Trk Mtd	X			
MIL-D-13687	Demineralizer Trlr Mtd, 3000 Gal	X		M49C	54-55
	Distributor-Water Trlr Mtd 1000 Gal	X			
MIL-D-435	Distributor, Asphalt 1500 Gal Trk CCE	X	X		
MIL-D-575	Distributor, Bituminous Trlr Mtd	X		M49C	54-55
MIL-D-52091	Distributor, Bituminous Tank Trk 800 Gal	X			
	Ditching Machine-Whl Mtd	X	X		
	Ditching Machine-Crlr Mtd	X			
M530C	Fire Fight Equip Set, Trk Mtd, C1530	X			
	Fire Fight Equip Set, Trk Mtd Guided	X			
	Missile 1500 Class			M113	98-99
	Flame Thrower-APC Mtd	X			
OO-G-360	Grader, Road, Motorized			Grader Road	186-187
MIL-G-804	Grader, Hvy, Road			Motorized	
MIL-G-52484				Grader Road	
MIL-G-52416	Grader, Road, Mtd, Air Drop			Motorized	
M42, M42A1	Gun-Air Defense SP 40mm	X			
M163	Gun-Air Defense SP 20mm (Vulcan)	X			
M167	Gun-Air Defense Towed 20mm (Vulcan)	X			
M107	Gun-FA SP 175mm	X		M110	90-91
M110	Howitzer, Hvy SP 8 Inch	X			
M108	Howitzer, Lt. SP 105mm	X		M109	88-89
M109	Howitzer, Med. SP 155mm	X			
M114	Howitzer, Med Towed 155mm	X			
M91	Launcher, Rocket, Multiple 115mm	X			
MIL-L-403	Loader, Bucket Snow Removal		X		
MIL-L-52385					
645M	Loader, Scoop, Pnu. Tire	X			
XM57	Antitank Mine Dispensing Sys	X			
M551	Armbred Recon Abn Assault Veh	X			
	AVLB (Bridge)	X		M60 Hull	78-79
	Bridge, Ribbon: Interior Bay on Transporter	X			
	Bridge, Ribbon: Ramp Bay on Transport	X			
	Bridge Erection Boat	X			
M812	Transporter, Ribbon Bridge, 5-Ton	X			
M728	Combat Engr Vehicle	X			
M706E1	Commando Vehicle	X			
M125A1	Carrier, 81mm Mortar FT			M113	98-99
M106A1	Carrier, 107mm Mortar SP			M113	98-99
M548	Carrier, Cargo Tracked 6-Ton	X			
M577	Carrier, Cmd Post, Lt. Tracked	X			
M132	Carrier, Flame Thrower			M113	98-99
M113	Carrier, Personnel FT. Armored	X			
M14	CBR: Expans Van Tk Trlr Transp	X		M291	59-60
M4A2	CBR: Svc Unit, Flame Thrower Trk Mtd	X			
M9	CBR: Decon Apparatus 400 Gal	X			
M51	Shelter System, Collective Protection			M29, M29½	59-60
	Container: MILVAN 8x8x20	X			
	Container: TRICON 8x8x6-2/3	X			
	Container: TRICON 4x8x6-2/3	X			
	Container: TRICON 8x8x40	X			
	Container: CONEX	X			
	Compressor, Air 250 CFM	X			
	Compressor, Air 600 CFM	X			
H446	Crane, Whl Mtd. 3/8 Cu Yd Rt	X			

Vehicle model No.	Description	Pattern designed	No pattern recommended	Reference pattern	Reference pattern figure No.
MIL-C-52427 MIL-C-52326	Crane, Whl Mtd, 7-Ton, AB Crane, Crawler, 60-Ton	X		Crane Shovel Crawler 40 Ton	164-165
MIL-C-52648	Crane, Crawler 40-Ton	X			
MIL-L-52496	Loader, Scoop Air Drop	X			
MIL-L-52522	Loader, Scoop 10,500 lb. cap.			645M	222-223
	Loader, Scoop w/o Bkt w/Fk Lft			645M	222-223
	Loader, Scoop 1½ Cu. Yd.			645M	222-223
	Loader, Scoop 2½ Cu. Yd.			645M	222-223
	Loader, Scoop 2½ Cu. Yd. Sect			645M	222-223
V-452/MYK-8	Mobile Maintenance Shop			M109 Van	88-89
	Motorcycle				
AN/TMQ-19	Radar Set-Antenna & Pedestal Assembly	X			
TPQ-37	MALOR	X			
M578	Recovery Vehicle, Tracked, Lt Armored	X			
M88	Recovery Vehicle, Tracked, Med	X			
MIL-R-3781	Roller, Motorized, 3 Whl, 10/12-Ton	X			
MIL-R-10550	Roller, Motorized, Tdm 5-8-Ton	X			
MIL-R-11806	Roller, Towed, Pny Tire	X			
	Roller, Motorized SP 9 Whl	X			
	Roller, Towed, Vibrating	X			
	Roller, Towed, Sheepsfoot		X		
	Scraper, Air Drop		X		
	Scraper, Earthmoving		X		
AN/MSS-3	Searchlight, Trk Mtd	X			
M269	Semitrailer Low Bed, Wrecker 12-Ton	X		M269	148-149
M270	Semitrailer Low Bed, Wrecker				
AN/MJQ-11	Semitrailer Low Bed 15-25-Ton, 4 Wh	X			
M172	Semitrailer Low Bed 25-Ton	X			
M747	Semitrailer Low Bed HET	X			
M524E2	Semitrailer Low Bed, Hvy Equip Transp	X			
M458, M459	Semitrailer Maintenance, Wpn Connect Unit			M146F	146-147
M457	Semitrailer Maintenance, Wpn Elec. Unit.			M146F	146-147
	Semitrailer Maintenance, Machine Shop 12-Ton			M128	133-134-135
	Semitrailer Tank: 6T, 1500 Gal Bitum. 2000-3000 Gal		X		
	Semitrailer Tank: Fuel Servicing, 2 Wh			M278A1	140-141
	Semitrailer Tank: 9-Ton, 1800 Gal 4000-5000 Gal			M278A1	140-141
	Semitrailer Tank: Fuel Servicing 4 Whl			M131A5C	154-155
M131A5C	Semitrailer Tank: Fuel 12-Ton 5000 Gal	X			
M278A1	Semitrailer Tank: Water 2000 Gal	X			
M586	Semitrailer Tank: Water 2000 Gal 4000-5500 Gal			M278A1	140-141
	Semitrailer Tank: Polable Wtr, 4 Whl	X			
M15A2	Semitrailer, Tank Transporter 50-Ton	X			
M119	Semitrailer Van: Cargo 6-Ton			M146F	146-147
M146F	Semitrailer Van: Shop 6-Ton	X			
	Semitrailer Van: 12-Ton 2 Whl			M128	133-134-135
M128	Semitrailer Van: Cargo 12-Ton	X			
M127A1C	Semitrailer, Stake 12-Ton			M128	133-134-135
	Semitrailer Van: Cargo 20-Ton 4 Whl			M128	133-134-135
M447	Semitrailer Van: Shop Folding Sides 6T			M313	131-132
M750	Semitrailer Van: Repair Parts Storage			M313	131-132
M313	Semitrailer Van: Expansible 6 T 4 Whl	X			
M129	Semitrailer Van: Supply 12 T			M128	133-134-135
M348	Semitrailer Van: Electronic 3T 2 Whl			M128	133-134-135
M373	Semitrailer Van: Electronic 3T 2 Whl			M128	133-134-135
M164	Semitrailer Van: Office 6T			M313	131-132
	Shelter, Air Mobile Acft Maint Shop	X			
AN/TRM-25	Shelter, Maintenance (S-280/G)		X		
W/GSQ-165	Shelter, Power Distribution (S-280/G)		X		
S-280/G	Shelter, Elect. Equip, 2½-Ton Class	X			
AN/MSM-16	Shelter, Electrical Equip (S-280/G)		X		

Vehicle model No.	Description	Pattern designed	No pattern recommended	Reference pattern	Reference pattern figure No.
S-176/MSC-29	Shelter, Electrical Equipment (S-280/G)		X		
S-281/G	Shelter, Electrical Equipment (S-280/G)		X		
S-318/G	Shelter, Elect. Equip. ¾-Ton Class	X			
	Shelter, Elect. Equip (Pershing) (Grp 1)	X			
	Shelter, Elect. Equip Modif (LANCE) (S-250/G)		X		
S-78J	Shelter, Electrical Equipment	X			
S-254/TRC-80	Shelter, Electrical Equipment	X			
S-250/G	Shelter, Elect Equip 1¼-Ton Class	X			
M4A2	Service Unit, Flame Thrower, Trik Mtd 200 Gal	X			
	Superstructure Transporter, MAB	X			
	Tank, Fabric, Collapsible 10,000 Gal	X			
	Tank, Fabric, Collapsible 50,000 Gal	X			
	(Tank, Steel Bolted) Shelter, Air Supported 25,000 BBL	X			
M48A1	Tank, Combat FT 90mm Gun Turret	X		M60 Hull	82-83
M48	Tank, Combat FT 90mm Gun Hull				
M60A1	Tank, Combat FT 105mm Gun Turret	X			
M60A1	Tank, Combat FT 105mm Gun Hull	X			
M6A2	Tank, Combat FT 152mm Gun Turret	X			
MIL-T-3784	Tank, Storage, Liq Ar, N, O	X		M101A1	125-126
KKK-T-631	Tool Outfit, Pioneer Thr Mtd				
HD-16M	Tractor, Full Trkd, Low Speed	X			
MIL-T-52270					
MIL-T-52509					
MIL-T-52103					
MIL-T-52272					
MIL-T-3229	Tractor, Wheeled, Industrial (All)	X			
M416	Trailer, Cargo ¼-Ton	X		M416	123-124
M100	Trailer, Cargo ¼-Ton				
M101	Trailer, Cargo ¾-Ton	X		M101	125-126
M105	Trailer, Cargo 1½-Ton				
M310	Trailer, Cable Reel 3½-Ton	X			
M345	Trailer, Flat Bed, 10-Ton, 4 Whl	X			
M796	Trailer, Bolster	X			
M332	Trailer Ammunition	X			
	Trailer, Stake 2½-Ton 4 Whl	X			
M149	Trailer, Tank 400 Gal 2Whl H <sub>2</sub> O	X		M149	129-130
M106, M107	Trailer, Tank 400 Gal 2 Whl				
M200A1	Trailer Chassis 2½-Ton	X			
M353	Trailer Chassis 3½-Ton	X			
M718	Truck Ambulance (FLA) ¼-Ton	X		M718	35-36
M170	Truck Ambulance ¼-Ton 4x4				
M725	Truck Ambulance 1¼-Ton 4x4	X		M725	44-45
M43 Series	Truck Ambulance ¾-Ton 4x4			M561	37-38
M792	Truck Ambulance 1¼-Ton (Goat)			M35A2	46-47
M751A1	Truck Bolster 2½-Ton 6x6			M35A2	46-47
M44, M45	Truck Bolster 2½-Ton 6x6				
M815, M748A1	Truck Bolster 5-Ton 6x6		X	M715	39-40
M37	Truck Cargo ¾-Ton 4x4				
M715	Truck, Cargo 1¼-Ton 4x4	X			
M561	Truck, Cargo 1¼-Ton 6x6 (Goat)	X			
M35A2	Truck, Cargo 2½-Ton 6x6	X		M35A2	46-47
M35 Series	Truck, Cargo 2½-Ton 6x6			M35A2	46-47
M34, M136, M36, M211	Truck, Cargo 2½-Ton 6x6				
M54	Truck, Cargo 5-Ton 6x6	X		M54	56-57-58
M813A1, M809	Truck, Cargo 5-Ton 6x6				
M55	Truck, Cargo 5-Ton 6x6 XLWB	X		M55	66-67
M814	Truck, Cargo 5-Ton 6x6 XLWB				
M656	Truck, Cargo 5-Ton 8x8	X			
M520	Truck, Cargo 8-Ton 4x4 (Goer)	X			
M125	Truck, Cargo 10-Ton 6x6			M54	56-57-58

Vehicle model No.	Description	Pattern designed	No pattern recommended	Reference pattern	Reference pattern figure No.
M708	Truck, Contact Maintenance			M726	42-43
M342, M215, M47, M59	Truck, Dump ¾-Ton 4x4			M715	39-40
M51	Truck, Dump 2½-Ton			M51	59-60
M817	Truck, Dump 5-Ton 6x6	X		M51	59-60
MIL-T-3044	Truck, Dump 5-Ton 6x6	X			215-216
M530	Truck, Dump Off Road 15-Ton	X			217-218
	Truck, Dump 20T CCE	X	X		
	Truck, Fire Fight 500 GPM				
	Truck, Equip Transport, Tilt Platform Commercial	X			
12E4000	Truck, Fork Lift, RT 6000 lbs	X			
12E5400	Truck, Fork Lift, RT, 10,000 lbs			Trk Forklift RT 6000 lb	224-225
	Truck, Fork Lift Comm'l 15,000 lbs	X			
	Truck, Fork Lift, Comm'l 50,000 lbs			Trk Forklift 15,000	226-227
M201	Truck, Maint, Tele ¾ Ton 4x2 W/E			M726	42-43
M726	Truck, Maint, Tele ¾ Ton 4x2			M726	42-43
V17A/MTQ	Truck, Maint, Tele 1¼-Ton 4x4	X			
V18A/MTQ	Trk, Maint, Tele Const 2½T, 6x6			M35A2	46-47
	Trk, Maint, Earth Borer Pole, 6x6 Setter 2½-Ton			M35A2	46-47
M185	Trk, Maint, GP Repair Shop 2½-Ton			M109	48-49
M756	Trk, Maint, Pipeline Const, 2½-Ton	X			
M274	Trk, Platform Utility ½ T (Mule)	X			
M321, M328A1	Truck, Stake 5-Ton 6x6			M54	56-57-58
M217	Truck, Tank Fuel Servicing 2½T 1200 Gal			M49	54-55
M559	Truck, Tank, Fuel 2500 Gal (Goer)	X			
M49C	Truck, Tank, Fuel Servicing 1200 Gal	X			
M50, M222	Truck, Tank Water 1000 Gal 2½-Ton			M49	54-55
M48, M221, M275	Truck, Tractor 2½-Ton 6x6			M35A2	46-47
M52A2	Truck, Tractor 5-Ton 6x6	X			
M818	Truck, Tractor 5-Ton 6x6			M52A2	61-62
M757	Truck, Tractor 5-Ton 8x8			M52A2	61-62
M26, M123	Truck, Tractor 10-Ton 6x6			M52A2	61-62
M746	Truck, Tractor 22½-Ton HET	X			
XM523E2	Truck, Tractor 25-Ton 6x6	X			
M246, M819	Truck, Tractor Wrecker			M543	63-64
M151	Truck, Utility ¼ T, 4x4, w/canvas	X			
M151	Truck, Utility ¼ T, 4x4 w/o canvas	X			
M292A2	Truck, Van: Expansible 2½-Ton 6x6	X			
M291	Truck, Van Expansible 5-Ton 6x6	X			
M109	Truck, Van Shop 2½-Ton 6x6	X			
M220	Truck, Van: Shop 2½-Ton 6x6			M109	48-49
M711	Truck, Wrecker ¾-Ton 4x4	X			
M108	Truck, Wrecker Crane 2½-Ton 6x6			M543	63-64
M160	Truck, Wrecker 2½-Ton 6x6			M543	63-64
M543	Truck, Wrecker 5-Ton 6x6	X			
M62, M816	Truck, Wrecker 5-Ton 6x6			M543	63-64
M553	Truck, Wrecker 10-Ton 4x4 (Goer)	X			
	Water Purification Unit 600 GPH Trlr Mtd	X			
	Water Purification Unit 1500 GPH Trk Mtd			M109	48-49
	Water Purification Unit 3000 GPH Trk Mtd	X			
M114	Carrier, Personnel Ft. Armored	X			
M88	Recovery Vehicle, Med FT	X			
M578	Recovery Vehicle, Lt, Armored FT	X			
M183	Vulcan	X			
	Artillery Radar	X			
	Tent, GP Small	X			
	Tent, GP Medium	X			
	Tent, GP Large	X			
MIL-B-13207	Map Repo Van Body, Trk			M292	59-60
MIL-B-13208	Map Repo Van Body, Size 20 Semi		X		
MIL-G-3110	Generator & Chg Plant: Acetylene				

Vehicle model No.	Description	Pattern designated	No pattern recommended	Reference pattern	Reference pattern figure No.
MIL-G-3204 MIL-G-3681	O & N, Liq CO <sub>2</sub> Semi Crane, Hyd Trk Mtd 25 T CCE	X		M128	133-134-135
MIL-T-11934	Press. Hyd, Trac Pin & Bush Tlr		X		
MIL-P-12551	Recharge Unit, CO <sub>2</sub> Semi			M128	133-134-135
MIL-S-45537	Shop Equipment, Orgenl Rep, Trk			M55	66-67
MIL-S-45538	Shop Equipment GP Repair Semi			M55	66-67
MIL-S-45855	Shop Equipment, Set 3 Trk			M726	42-43
MIL-C-52025	Conversion Unit, CO <sub>2</sub> Semi			M128	133-134-135
MIL-C-52313	Conversion Unit, Storage Semi			M131	154-155
MIL-S-52330					
MIL-S-52377	Shop Equipment, Elec Repair Semi			M313	131-132
MIL-S-52339	Shop Equipment, Woodworking, Tlr			M105	125-126
MIL-W-52629	Welding Shop, Lwt			M105	125-126
MIL-C-392	Conveyor Belt, Portable Tlr		X		
MIL-H-395	Heater, Bituminous Tlr		X		
MIL-A-516	Auger, Earth Trk			M543	63-64
MIL-M-686	Mixer, Concrete Tlr		X		
MIL-K-687	Kettles, Heater, Bituminous Tlr		X		
MIL-D-3968	Drier-Mixer Bituminous Tlr		X		
MIL-S-11863	Sawmill, Circular, 50 in Tlr		X		
MIL-M-13081	Mixer, Rotary, SP	X			
MIL-C-13522	Crusher, Jaw, Rock, 15 TPH		X		
MIL-C-13962	Crusher, Scr & Wash, 225 TPH		X		
MIL-S-52124	Screen Unit, Aggrigate, 75 TPH		X		
MIL-W-52125	Wash & Screen Unit, 75 TPH		X		
MIL-W-52126	Conveyor, Belt, Portable, 75 TPH		X		
MIL-C-52127	Crusher, Roller, 75 TPH		X		
MIL-C-52128	Crusher, Jaw, 75 TPH		X		
MIL-S-52205	Sawmill, Circular 60 in. Semi		X		
MIL-H-52213	Heater, Hot Oil Semi		X		
MIL-M-52326	Mixing Plant, Asphalt		X		
MIL-C-52460	Crusher & Screen Plant 35 TPH		X		
MIL-A-52470	Auger, Earth, 36 in. Trk			M543	63-64
MIL-C-52600	Central Mixing Plant, Concrete		X		
MIL-S-52699	Snow Removal Unit, Rotary		X		
M667	Basic Track Vehicle, LANCE		X		
XM688E1	Loader Trnasporter, LANCE		X		
M559	Missile Container, LANCE	X			
M760	Truck Set Guided Missile, LANCE			M715	39-40
M54	GMS, Intercept-Aerial, Launching Station, Chaparral	X			
M730	GM Carrier, Equipment SP Chaparral	X			
AN/TSM-95	Organizational Maintenance GMS Shop Equipment Chaparral (S-280-Shelter)		X		
AN/TSM-96	Support Maintenance GMS, Shop Equipment, Chaparral (S-280-Shelter)		X		
MIM-72A	Guided Missile, Chaparral		X		
	Shipping & Storage Container Chaparral		X		

## APPENDIX D

### MAXIMUM SAFE FUEL ACCEPTANCE RATES

Vehicle	Gallons Per Min. (GPM)
Tank, Combat, Full Tracked: 76-MM Gun, M41A1	30
Tractor, Full Tracked: High Speed, M8A1, M8A2	12
Gun, Self-Propelled, Full Tracked: twin, 40-mm, M42	30
Tank, Combat, Full Tracked: 90-mm, Gun, M48, M48A1.	
(Left tank)	39
(Right tank)	25
Tank, Combat, Full Tracked: flame thrower, M67	
(Left tank)	39
(Right tank)	25
Tank, Combat, Full Tracked: 120-mm, Gun, M103, M103A1	
(Left tank)	19
(Right tank)	18
Howitzer, Self-Propelled, Full Tracked: M52, M52A1	
(Left tank)	52
(Right tank)	52
Gun, Self-Propelled, Full Tracked: M53	20
Howitzer, Self-Propelled, Full Tracked: M55	20
Carrier, Personnel, Full Tracked: armored, M75	10
Truck, Gun-Lifting: heavy, 4x4, front, M249, rear, M250	33
Recovery Vehicle, Full Tracked: heavy, M51	
(Left tank)	39
(Right tank)	25
Howitzer, Self-Propelled, Full Tracked: M44	
(Left tank)	52
(Right tank)	52
Carrier, Personnel, Full Tracked: armored, M59	12
Mortar, Self-Propelled, Full Tracked: M34	12
Recovery, Vehicle, Full Tracked: medium, M74	20
Tank, Combat, Full Tracked: 90-mm gun, M48A2, M48A2C	
(Left tank)	39
(Right tank)	25
Tank, Combat, Full Tracked: flame thrower, M67A1	
(Left tank)	39
(Right tank)	25
Rifle, Self-Propelled: M50	50
Gun, Self-Propelled, Full Tracked: M56	37
Tank, Combat, Full Tracked: M60, M60A1	50
Hawk Loader: XM501E1, XM 501E2	13
Carrier, Command, Post, Light Tracked: M577 (M113 Chassis)	50
Carrier, Guided Missile Equipment: XM474E2	50
Carrier, Guide Missile Equipment XM546	50
Carrier, Personnel, Full Tracked: armored, M113	50
Gun, Self-Propelled: M197	50
Howitzer, Self-Propelled: M110	50
Howitzer, Light, Self-Propelled: T195E1	50
Howitzer, Medium, Self-Propelled: T196E1	50
Recovery Vehicle, Full Tracked: medium, M88	50
Carrier, Cargo, Amphibious: M116	50
Carrier, Personnel, Full Tracked: T114	50
Vehicle, Combat Engineer, Full Tracked: T118E1 (M60A1 Chassis)	50
Tank, Combat, Full Tracked: M483	50
Recovery Vehicle, Full Tracked: armored, T120E1	50
Tank, Combat, Full Tracked: flame thrower M103A2	50
Tank, Combat, Full Tracked: flame thrower M67A2	50
Truck, 2½-Ton, 6x6:	
Gasoline engine (OA-331-COA-331) models	28
Multifuel engine (LDS-427-2) models	28
Multifuel engine (LD-465-1) models	28
Truck, 5-Ton, 6x6:	
Gasoline engine (R-6602) models	31
Mack diesel engine (ENDT 673) models	31
Multifuel engine (LDS-465-1) models	31

Vehicle	Gallons Per Min. (GPM)
Truck, 5-Ton, 6x6, M809 Series	
Truck, 2½-Ton, 6x6, M135 Series:	
All models	28
Truck, Utility: ¼-Ton, 4x4, M170, M151 Series	20
Truck, 1¼-Ton, 6x6, M561, M792	
Truck, 1¼-Ton, 4x4, M715	
Truck, Commercial, ¼-Ton, XM861	
Truck: 10-Ton, 6x6	
All models	28
GOER vehicles, M520, M553, M559	
HET, M746	

# APPENDIX E

## REFERENCES

Federal Standard 595  
Interim Change 1

Colors

MIL-STD-642D	Identification Marking of Administrative, Combat and Tactical Transport Vehicles
AR 55-355	Military Traffic Management Regulations
AR 58-1	Joint Procedures for Management of Administrative Use Motor Vehicles
AR 135-15	General Officer Flags, Belts, Holsters, and Pistols for National Guard and USAR General Officers
AR 385-63	Regulations for Firing Ammunition for Training, Target Practice and Combat
AR 708-1	Cataloging and Supply Management Data
AR 746-10	Marking of Selected Clothing and Equipment
AR 750-58	Painting, Camouflage Painting and Marking of Army Materiel
AR 310-50	Authorized Abbreviations and Brevity Codes
AR 840-10	Description and Use of Flags, Guidons, Tabards, and Automobile Plates
FM 5-36	Route Reconnaissance and Classification
FM 21-30	Military Symbols
FM 55-30	Army Motor Transport, Operations
TB 750-260	Paint Instructions for Operator and Organizational Maintenance Personnel
TB 34-9-249	Marking of Military Vehicles
TM 5-200	Camouflage Materials
TM 5-618	Paints and Protective Coating
TM 43-0139	Painting Instructions for Field Use

# APPENDIX F

## UNIT ABBREVIATIONS

Unit abbreviations should be as short as possible consistent with clarity. AR 320-50 should be used as a guide when choosing a unit designation.

<b>A</b>		Heavy Equipment Maintenance	HEM
Ammunition	AM	Heavy Helicopter	HH
Automatic Weapons	AW		
Aviation	AVN	<b>I</b>	
Aircraft	ACF	Inventory Control Company	ICC
Administration	ADM		
Amphibious-Land Craft Maintenance	ALCM	<b>L</b>	
Air Delivery	ADEL	Light Amphibian	L AMP
Air Equipment Repair & Depot	AERD	Lighterage	LTG
Army Postal Unit	APU	Laundry & Renovation	L&R
Ambulance	AMB	Light Truck	L TRK
Airdrop Supply	ADSUP	Light/Medium Truck	L/M TRK
Automatic Data Processing	ADP	Long Lines	LL
Aircraft Base Maintenance	ABM	Light Equipment	LE
		Light Equipment Maintenance	LEM
		Light Maintenance	LM
		Labor	L
<b>C</b>			
Criminal Investigation Division	CID		
Construction-Support	CSTSPT		
Calibration	CAL	<b>M</b>	
Collection & Classification	C&C	Maintenance	MT
Construction	CON	Missile	MSL
Cable Construction	CC	Mortar	MR
Cable & Wire	C&W	Medium Truck	M TRK
Car	CAR	Messenger	MSG
Clearing	CL	Map Reproduction & Distribution	MPD
Collecting	COL	Maintenance Support	MS
		Motor	MTR
<b>D</b>		Medium Helicopter	MH
Depot	DP	Medical Army Surgical Hospital	MASH
Direct Support	DS	Medium Boat	MB
Dental Prosthetic Detachment	DPD	Medium Amphibian	M AMP
Diesel Electric Repair	DER		
Dump Truck	D TRK	<b>O</b>	
		Operations	OP
<b>E</b>			
Evacuation Hospital	EV	<b>P</b>	
Engineer Combat Battalion	ECB	Parachute Maintenance	PM
Equipment & Maintenance	E&M	Petroleum	PET
Explosive Ordnance Disposal	EOD	Pictorial	PIC
		Panel Bridge	PB
<b>F</b>		Photomapping	PTM
Finance	FN	Physical Security	PS
Field (Hospital)	FH	Petroleum Supply	PTS
Field Service	FS	Pipeline	PL
Floating Bridge	FLB	Port Construction	PC
Floating Craft	FLC	Pipeline Construction Support	PLCS
<b>G</b>			
Guided Missile	GM	<b>R</b>	
General Support	GS	Railway Car Repair and Supply	RY Car R&S
General Supply	GSP	Radio Relay	RRL
General Hospital	GH	Radio	RAD
Guard	GD	Reconnaissance	R
Graves Register	GR	Rocket	RT
		Railway	RY
		Railway Equipment Maintenance	REM
<b>H</b>		Radio & Cable	R&C
Heavy Boat	HB	Repair Parts Supply	RPS
Headquarters	HQ		
Heavy Weapons	HW	<b>S</b>	
Heavy Truck	HTRK	Service	S
Heavy Material Supply	HMS	Service Support	SVS

Support  
Supply & Services  
Special Services  
Stock Control Company  
Station Hospital

T  
Transportation Motor Pool  
Truck

SPT Tank  
S&S Terminal Transportation  
SS Telephone  
SCC Trunk Switching  
SH Topographic  
Tire Repair  
Troop Terminal Service  
Troop Terminal Traffic  
TMP  
TRK

TK  
TT  
TP  
TSW  
TPG  
TR  
TTS  
TTT

By Order of the Secretary of the Army:

Official:

PAUL T. SMITH  
*Major General, United States Army*  
*The Adjutant General*

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*General, United States Army*  
*Chief of Staff*

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To be distributed in accordance with DA Form No. 12-38, Organizational maintenance requirements for Truck, Utility: ¼ Ton, M151.