No. 2004

HANDBOOK OF THE

ARTILLERY SUPPLY TRUCK BODY MODEL 1918

(THIRTY-TWO PLATES)

JULY 20, 1918

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WAR DEPARTMENT,
OFFICE OF THE CHIEF OF ORDNANCE,
WASHINGTON, July 20, 1918.

This manual is published for the information and government of the Regular Army, National Guard, and National Army of the United States.

By order of the Secretary of War:

C. C. WILLIAMS,
Maj. Gen., Chief of Ordnance, U. S. A.

TABLE OF CONTENTS.

CHAPTER I.

BODY AND LOADS CARRIED.

CHAPTER II.

BODY IN DETAIL.

CHAPTER III.

CHESTS AND CHESTS' SUPPORT

CHAPTER IV.

LOAD A IN DETAIL.

CHAPTER V.

LOAD B IN DETAIL.

CHAPTER VI.

LOAD B-1 IN DETAIL.

CHAPTER VII.

LOAD C IN DETAIL.

CHAPTER VIII.

LOAD D IN DETAIL

CHAPTER IX.

LOAD E IN DETAIL

LIST OF PLATES.

CHAPTER I.

GENERAL BODY VIEWS.

CHAPTER II.

BODY DETAIL VIEWS.

CHAPTER III.

CHESTS AND CHESTS' SUPPORT VIEWS.

CHAPTERS IV TO IX.

VIEWS OF BODY WITH EACH LOAD.

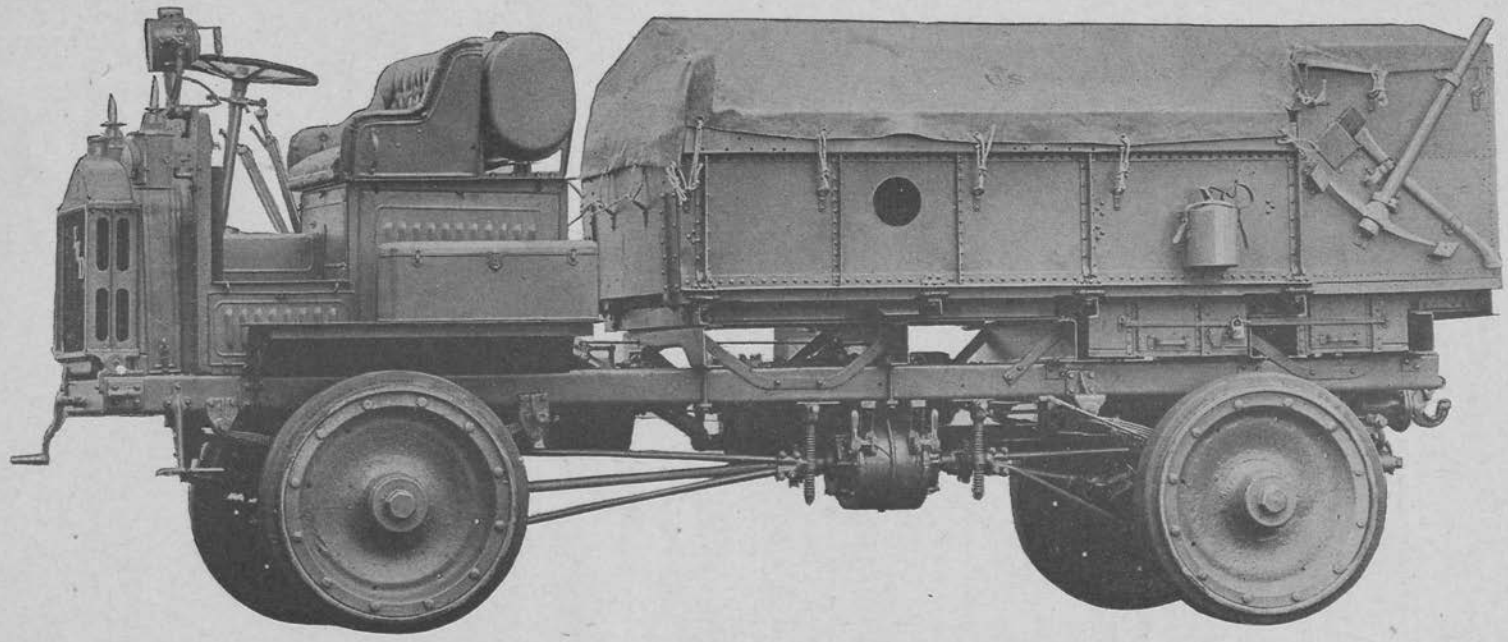
CHAPTER IV.

CHAPTER V.

CHAPTER VI.

CHAPTER VIII.

CHAPTER IX.



LEFT SIDE ARTILLERY SUPPLY BODY ON F. W. D. CHASSIS; CANVAS COVER ERECTED AND BODY EQUIPMENT IN PLACE

HANDBOOK OF THE ARTILLERY SUPPLY TRUCK BODY MODEL 1918

CHAPTER I.

BODY AND LOADS CARRIED.

The Artillery Supply Truck Body, Model 1918, always is mounted on a truck chassis, and when so mounted the whole is known as the Artillery Supply Truck. This body is mounted on one of the following chassis:

Two-ton truck chassis, Nash Model 4017-A, or 4017-F, or 4017-L. (Illustrated and described in detail in Ordnance Handbook No. 1999.)

Three-ton truck chassis, F. W. D. Model B-1917. (Illustrated and described in detail in Ordnance Handbook No. 1997.)

In addition to the standard body equipment fastened to the outside of the body (see page 40), with which each Artillery Supply Body is equipped, one of the following six different loads is carried by each. Each load consists of a number of steel chests and the various equipment and parts carried in them.

Load A: Cleaning and preserving materials, and spare parts for artillery materiel (see page 77). Assigned to motorized batteries.

Load B: Spare parts for F. W. D. three-ton trucks (see page 83). Assigned to supply company of motorized regiments.

Load B-1: Spare parts for Nash two-ton trucks (see page 95). Assigned to supply company of motorized regiments.

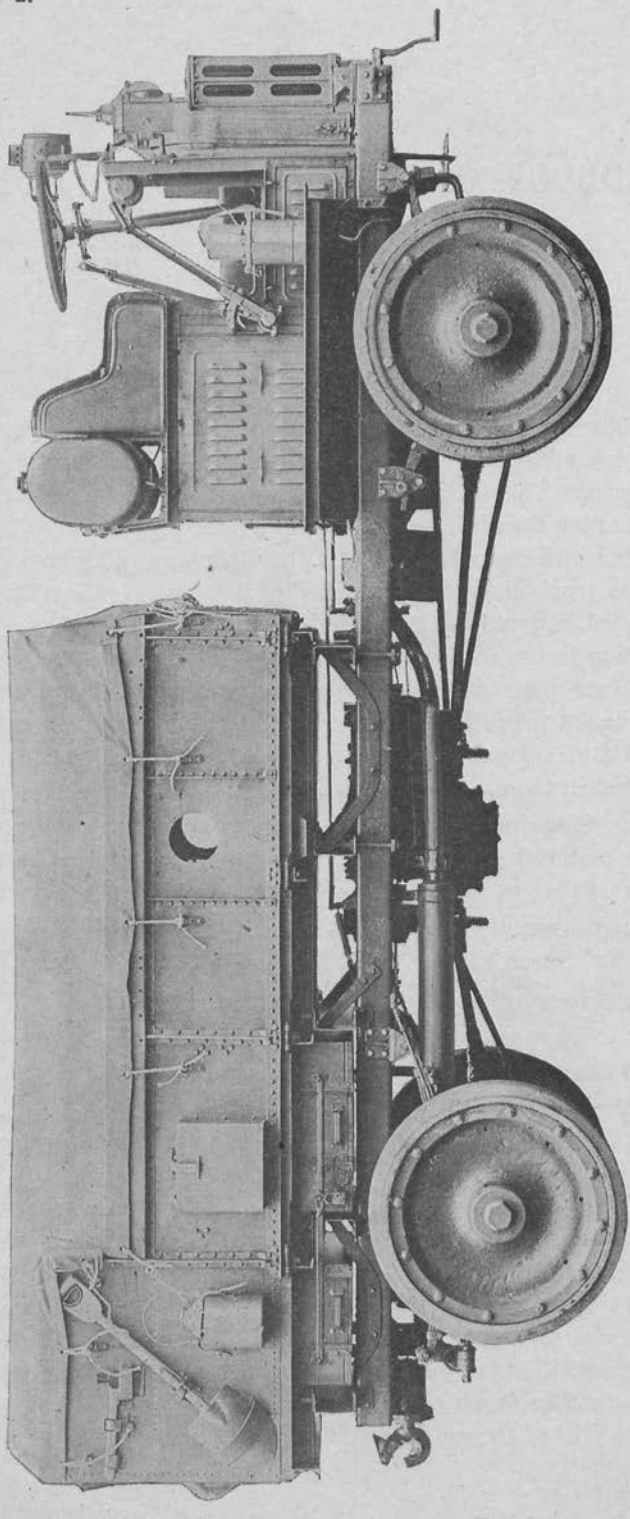
Load C: Spare parts for optical instruments, telephones, fire control instruments, etc. (see page 103). Assigned to headquarters company of motorized regiments.

Load D: Raw material, bar stock, etc. (see page 105). Assigned to and accompanying artillery repair trucks.

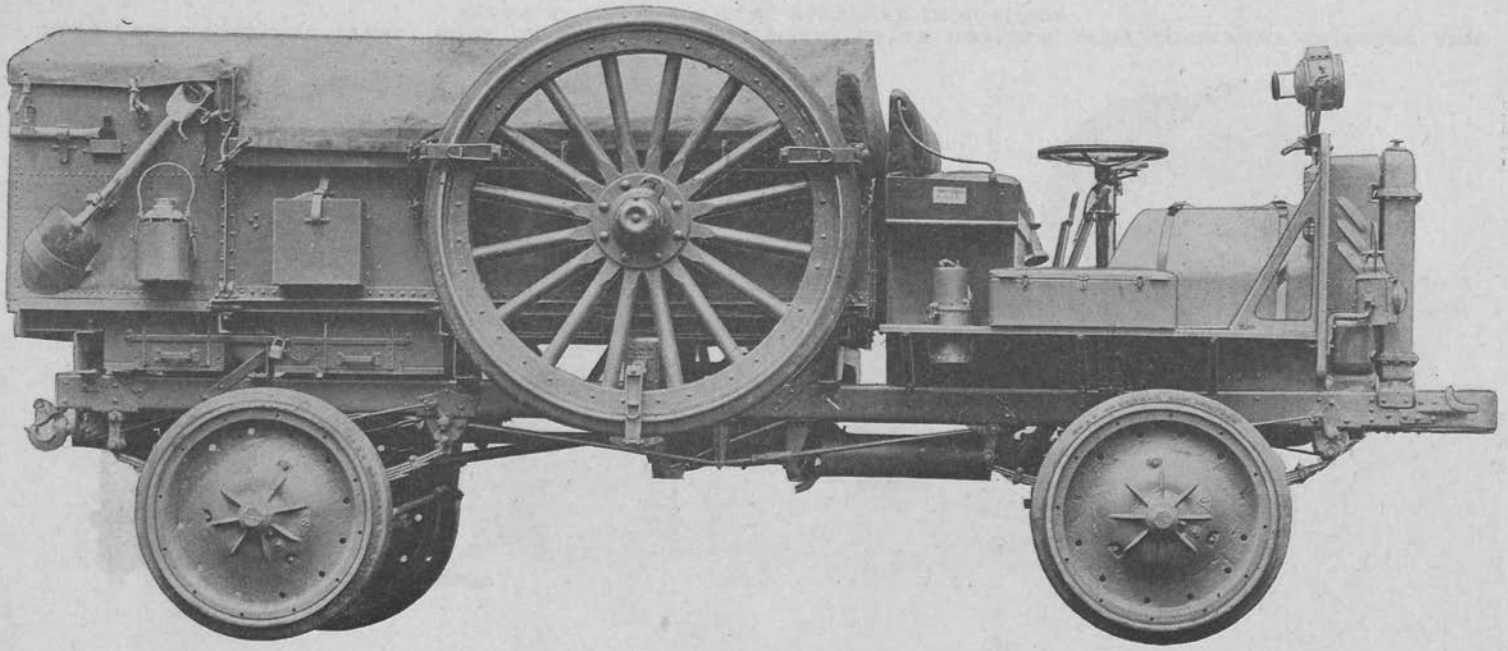
When operating in a divisional mobile repair shop the special equipment listed on page 110, will be carried in addition to regular Load D.

Load E: Tools and accessories pertaining to heavy gun and Howitzer materiel (see page 112). Assigned to 5-inch and 6-inch converted seacoast, 155 mm. gun, 8-inch, 9.2-inch and 240 mm. Howitzer batteries. *The truck carrying this load is frequently referred to in the tables of Organization as a Tool Truck.*

Plate No. 2.

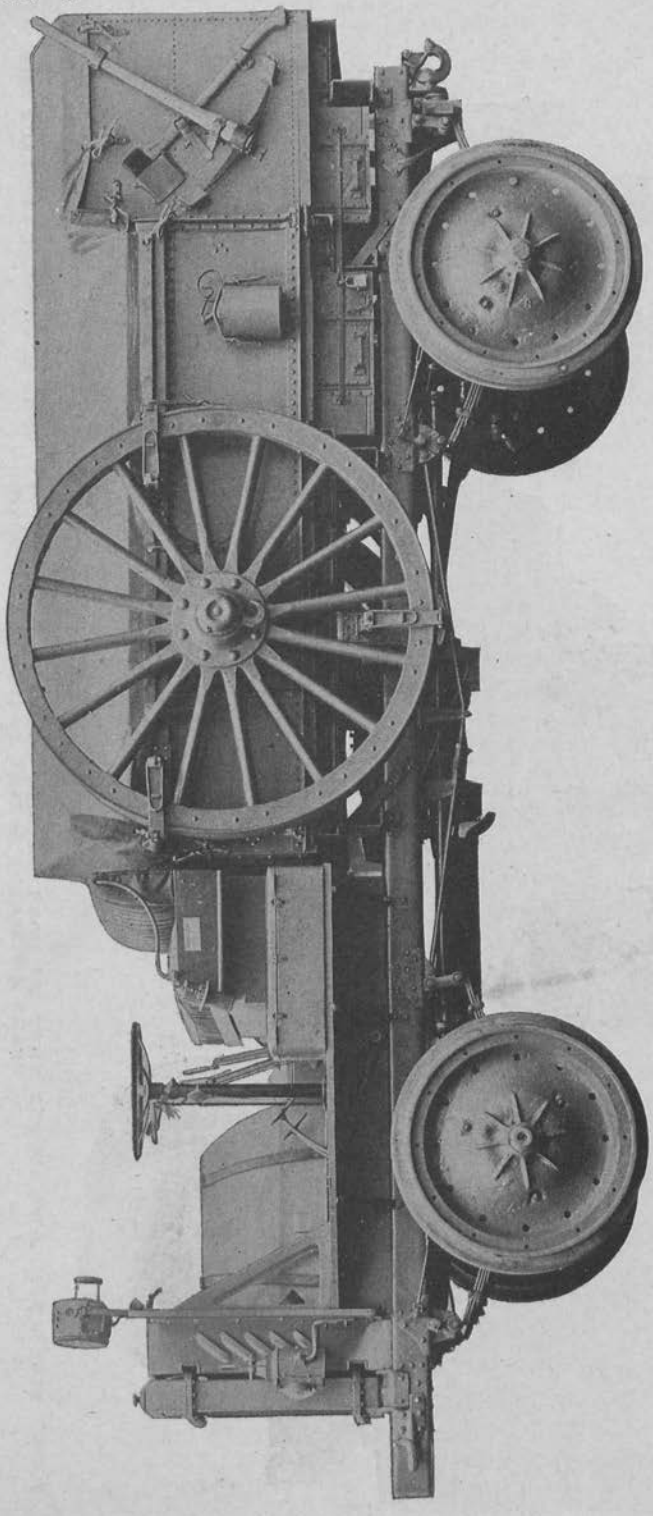


RIGHT SIDE ARTILLERY SUPPLY BODY ON F. W. D. CHASSIS; CANVAS COVER ERECTED AND BODY EQUIPMENT IN PLACE



RIGHT SIDE ARTILLERY SUPPLY BODY ON NASH CHASSIS; CANVAS COVER ERECTED, BODY EQUIPMENT IN PLACE AND SPARE ARTILLERY WHEEL FASTENED IN POSITION

Plate No. 4.



LEFT SIDE ARTILLERY SUPPLY BODY ON NASH CHASSIS; CANVAS COVER ERECTED, BODY EQUIPMENT IN PLACE AND SPARE ARTILLERY WHEEL FASTENED IN POSITION

GENERAL DESCRIPTION.

BODY AND LOADS.

The Artillery Supply Body consists of a floor incorporating two steel boxes, a rigid front plate, two hinged sides and a Bench Chest, the latter being mounted permanently at the rear of the floor and extending higher than the body sides. The space between the Bench Chest and the front of the body is used to carry removable steel chests, the number and contents depending on the service for which the truck is intended. Thus, the body incorporates three chests (Bench Chest and two Floor Boxes), and also carries removable chests. The latter are called by the following names:

Forge Chest.
Supply Chest.
Spring Chest.
Fluid Chest.

Thus, the complete load a truck will bear will consist of any, or all, of the four chests named above, or any combination of them in addition to the Bench Chest and Floor Boxes with which every truck is fitted. The Bench Chest itself carries certain wooden chests, the number depending on the work of the truck. These chests are called:

Miscellaneous Chest.
Carpenter's Chest.
Saddler's Kit.
Bolt and Rivet Chest.
Chain Block Chest.
Chest for Cleaning Materials and Small Stores.
Grindstone Chest.
Optical Instruments Spare Parts Chest.
Optical Repair Equipment Chest.

The body is mounted on standard Ordnance transoms.

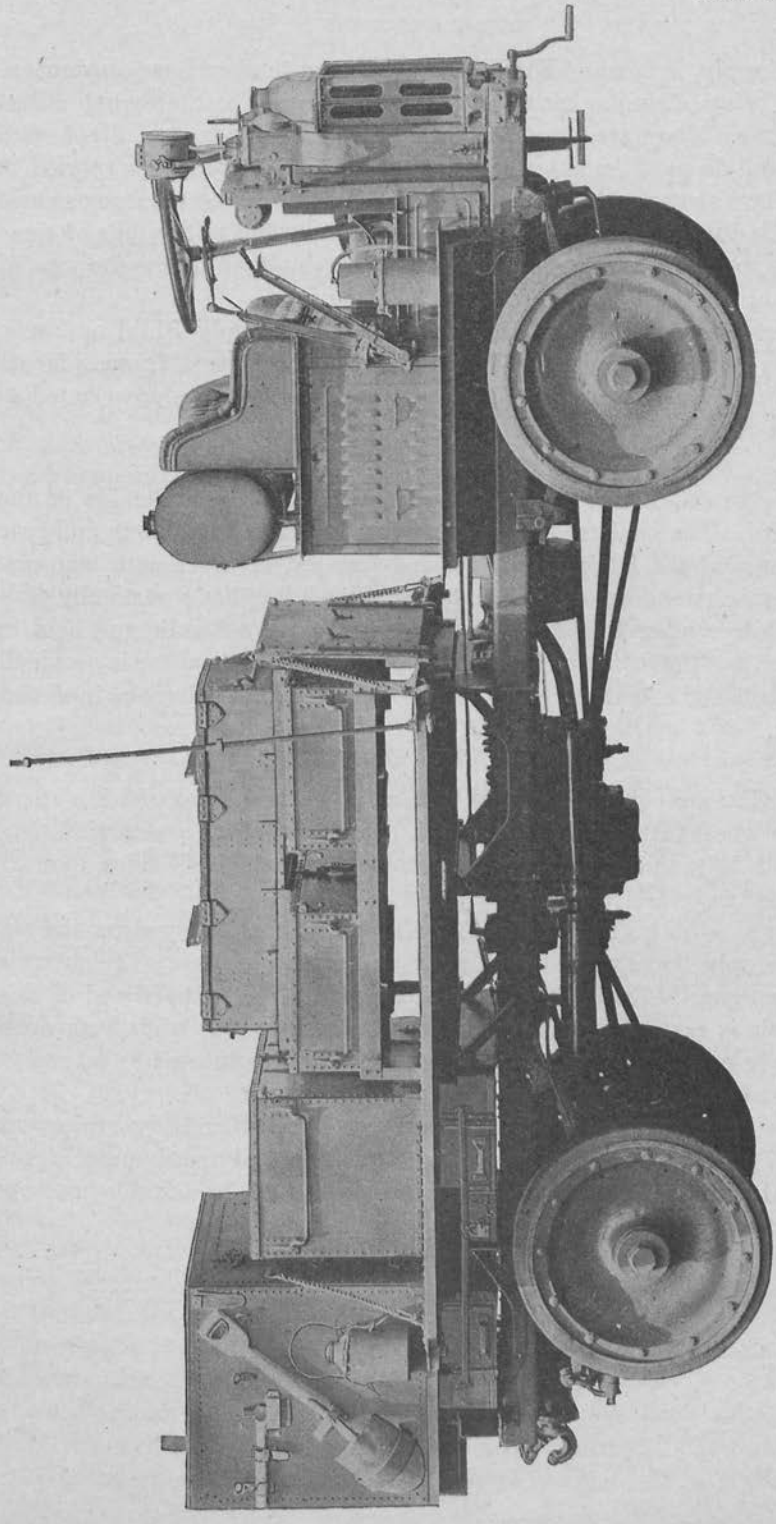
CHEST FRAME AND CHEST SUPPORT.

Near the front end of the body a hole is provided in the floor, into which the hub of an artillery wheel rests, as the wheel is laid flat on the floor. Bodies carrying a wheel on the floor are provided with a chest frame, built up of angle shaped steel to support the Supply Chests above the wheel. On Load D, where no wheel is carried, a chest support with stock box is provided instead of the chest frame mentioned above. This chest support is interchangeable with the chest frame, and serves as a support for the Supply and Forge chests.

Plate No. 5.

TOP VIEW ARTILLERY SUPPLY BODY ON F. W. D. CHASSIS, SHOWING DROP SIDES DOWN AND LOAD IN PLACE. THIS NUMBER AND ARRANGEMENT OF CHESTS WILL BE FOUND ON LOADS A, B, B1 AND C

Plate No. 6.



RIGHT SIDE ARTILLERY SUPPLY BODY ON F. W. D. CHASSIS, DROP SIDE DOWN TO SHOW LOAD IN PLACE.

MOVABLE CHESTS.

The Supply, Forge and Fluid chests, referred to above, are constructed of steel, being of similar construction to the Spring Chest, although differing in size. They are provided with hinged steel lids, and fitted with different style partitions to meet the requirements of the loads carried in them. Two chests are placed across the body on the chest frame or chest support. Suitable side and end retainers are riveted to the tops of these chests to maintain the position of another chest placed across the tops of these two.

A steel Spring Chest, of larger size than the Supply Fluid or Forge chests, is carried between the Bench Chest and the chest frame. Movement of this chest is prevented, during transit, by chest stops riveted to the sides of the body.

FLOOR BOXES.

Two, all-steel, Floor Boxes are supported from the underside of the truck floor. The smaller of the two is located between the fourth and rear transoms, and the larger one is located forward of the fourth transom. These boxes extend across the body floor. Each box has a vertically sliding steel door at each end, which is provided with a handle and held in the closed position by a flat bar. The free end of each door bar is provided with a hole for a fastener, that the doors may be locked when in closed position.

MISCELLANEOUS EQUIPMENT.

All bodies are equipped with a bracket on each side, to which a spare artillery wheel fastener may be bolted. These fasteners are carried complete with bolts in a special box. A hole is cut in the body sides, to clear the hub of the wheel when mounted.

A canvas cover is furnished with each truck to completely cover the top of the Supply Body when the sides are in normal position. The cover is supported longitudinally by a wood ridge pole. The forward end of this ridge pole is carried by a bracket on the tie rod, which holds both drop sides up in position, and the rear end of the pole is supported by a bracket screwed to the top of the Bench Chest.

A vise is mounted on the Bench Chest, and the other body equipment listed on page 40 is carried on every body. This body equipment is carried on the outside of the body sides and Bench Chest, by suitable brackets riveted to the sides, and held in place by leather straps.

CHAPTER II.

BODY IN DETAIL.

The Artillery Supply Body (not including the removable chests) consists of a steel floor frame, with a wooden floor, a rigid steel front end, hinged steel sides, a Bench Chest secured to the wooden floor on the rear, two Floor Boxes and a canvas cover.

The body equipment, as listed on page 40, is carried by suitable brackets riveted to the sides and rear of the body. This equipment is held in place by leather straps passed under strap fasteners riveted to the body. (See illustrations pages 15 and 24 for mounting of outside body equipment.)

FLOOR FRAME.

The body floor is of wood, bolted on a steel frame. This frame consists of nine longitudinal members, including three tee-bars and six draft sills, and eight transverse members, including five cross channels a cross channel re-enforce and two cross angles. The side draft sills, which rest on the standard Ordnance transoms, are each made in three separate pieces, in order to provide a clear space under the floor for the Floor Boxes.

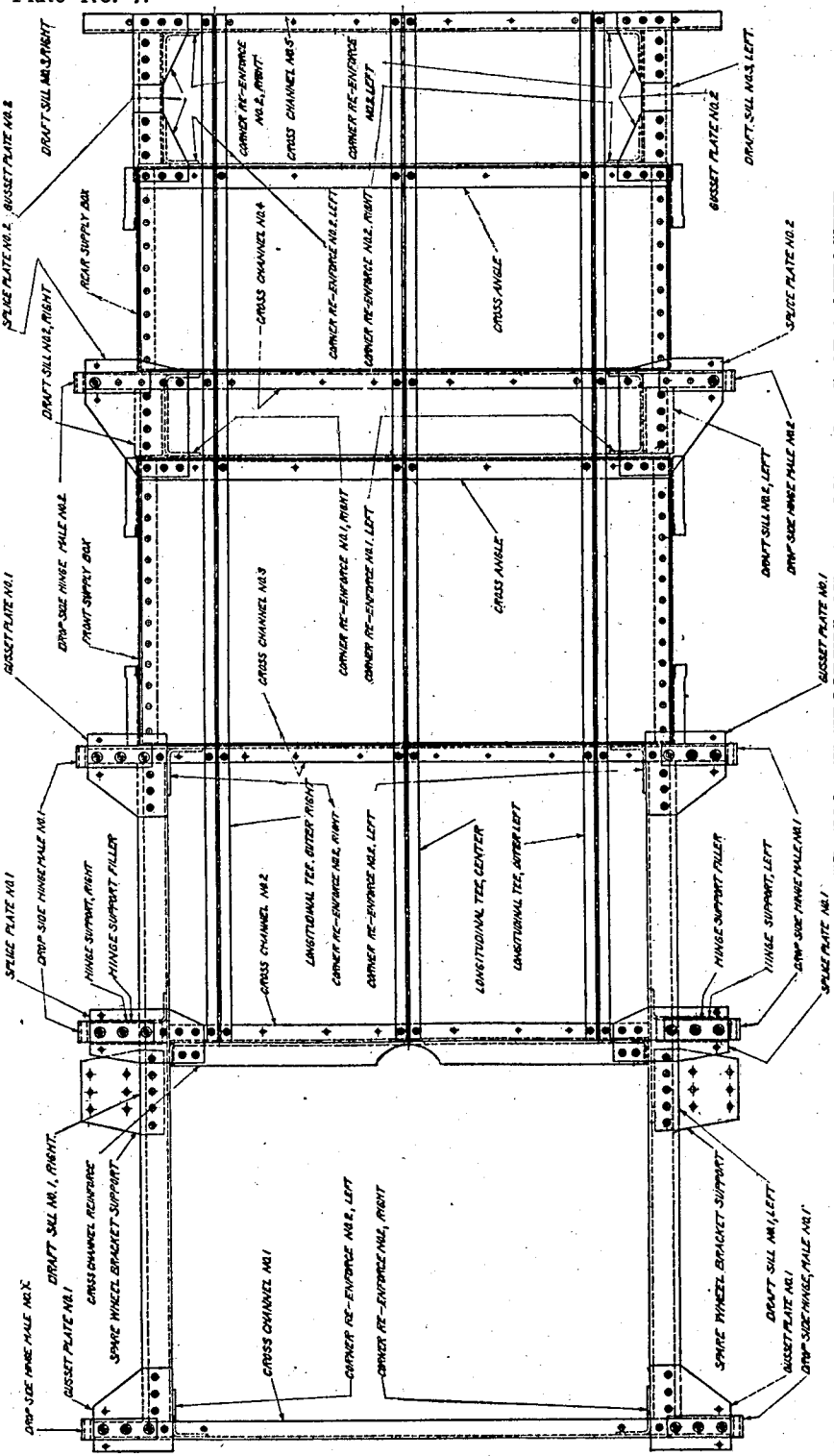
Cross channels and angles connect the draft sills. Gusset corner re-enforce and splice plates (steel 0.25 (1/4) inch thick) effect the joints between the draft sills and the cross members. All the cross channels and cross angles, except cross channel No. 1, are held together by three steel longitudinal tee-bars riveted across their tops. The wooden floor, which is secured to the top of the cross channels, is gained out to clear these tee-bars. The tee-bars do not extend forward to cross channel No. 1 because the space from it back to cross channel No. 2 is directly above the chassis transmission, and a removable false floor covering the space provides access to the transmission.

DRAFT SILLS.

The draft sills are made Right and Left, and are numbered from the forward end of the body.

Draft sill No. 1 is a channel section, pressed of 0.25 (1/4) inch flange steel 3 inches deep, bottom flange 2 inches wide, top leg 2.50 (2 1/2) inches wide, length 54.125 (54 1/8) inches. Three holes for 0.75 (3/4) inch bolts are drilled through the bottom flange for the bolts securing the body to the Ordnance transoms. Five 0.390 (25/64) inch holes are drilled in the top flange for the 0.375 (3/8) inch rivets which secure the spare wheel bracket support to the draft sill. A gusset plate, No. 1, and a corner re-enforce, No. 2, are riveted to the forward end of the draft sill and connect it to the cross channel, No. 1. About the middle of the draft sill the end of cross channel re-enforce is riveted with two 0.375 (3/8) inch rivets at each

Plate No. 7.



STEEL FLOOR FRAME TO WHICH WOODEN FLOORING AND F LOOR BOXES ARE ATTACHED

end. The back of cross channel No. 2 is riveted against the back of this re-enforce and splice plate No. 1 riveted across the top of all three. The rear end of draft sill No. 1 is secured to the cross channel No. 3 by gusset plate No. 1 and corner re-enforce No. 1 which are riveted to both.

Draft sill No. 2 is of the same stock and section as draft sill No. 1, but is only 5.5 (5½) inches long. It extends from the back of the forward cross angle to the cross channel No. 4, and is secured thereto by splice plate No. 2 and corner re-enforce No. 1 which are riveted to both.

The front Floor Box is forward of draft sill No. 2, and the rear Floor Box is between it and draft sill No. 3.

Draft sill No. 3 is of the same stock and section as draft sill No. 1, but is 10.875 (10⅞) inches long. It extends from the back of the rear cross angle to the cross channel No. 5, and is secured thereto by gusset plates No. 2 and corner re-enforces No. 2, which are riveted to both.

CROSS CHANNELS AND ANGLES.

There are five cross channels, numbered from the forward end, one cross channel re-enforce, and two (identical) cross angles, at right angles to the draft sills. The wooden floor is secured directly to these cross members.

CROSS CHANNEL NO. 1.

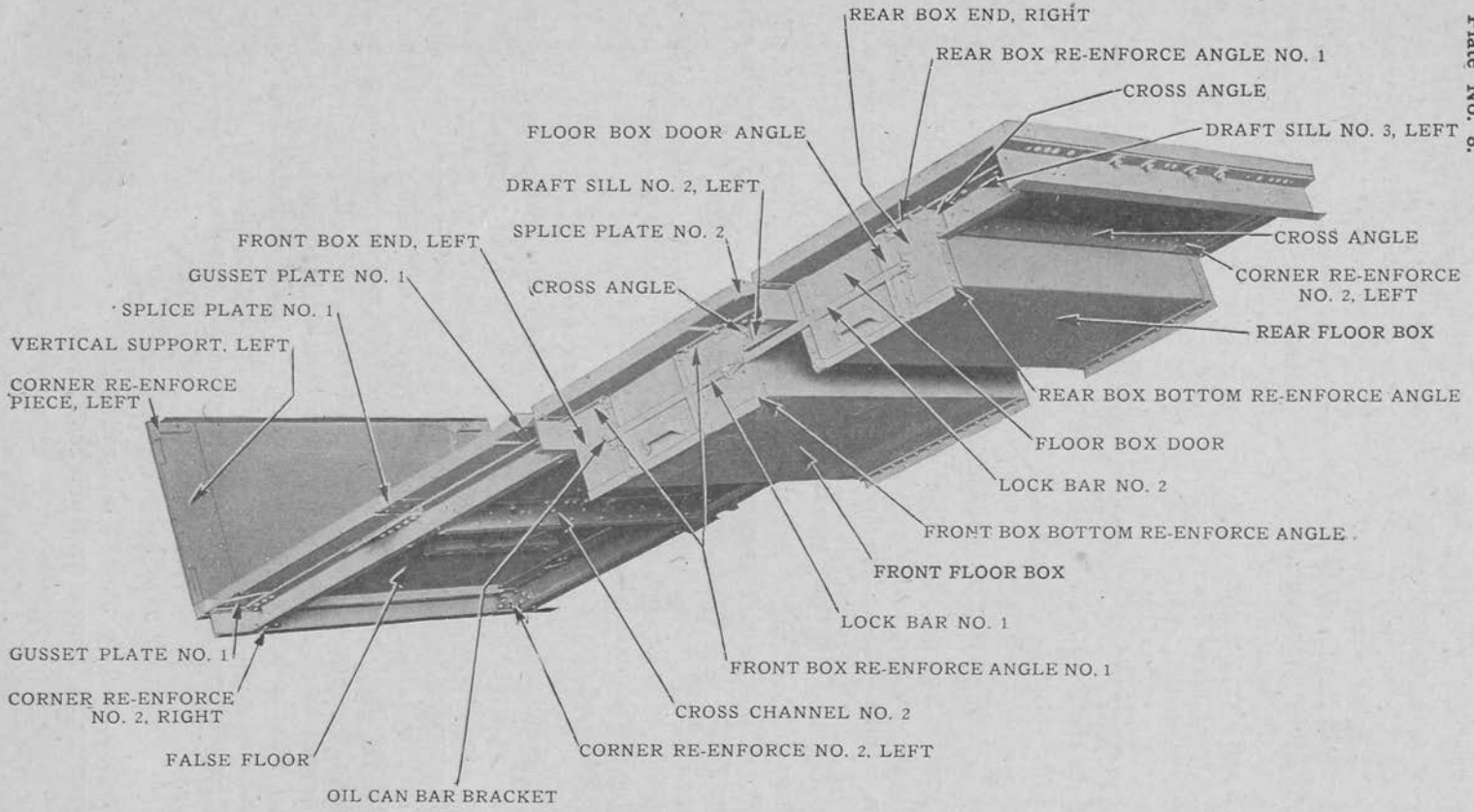
Cross channel No. 1, located across the forward ends of the two draft sills No. 1, and is secured thereto by gusset plates No. 1 and the corner re-enforces No. 1. This cross channel is of 3-inch channel steel, 52.625 (52⅝) inches long. Three holes are drilled at each end of the top flange for the three 0.5 (½) inch bolts which secure the drop side hinge, male No. 1 to the top of the gusset plate.

CROSS CHANNEL RE-ENFORCE.

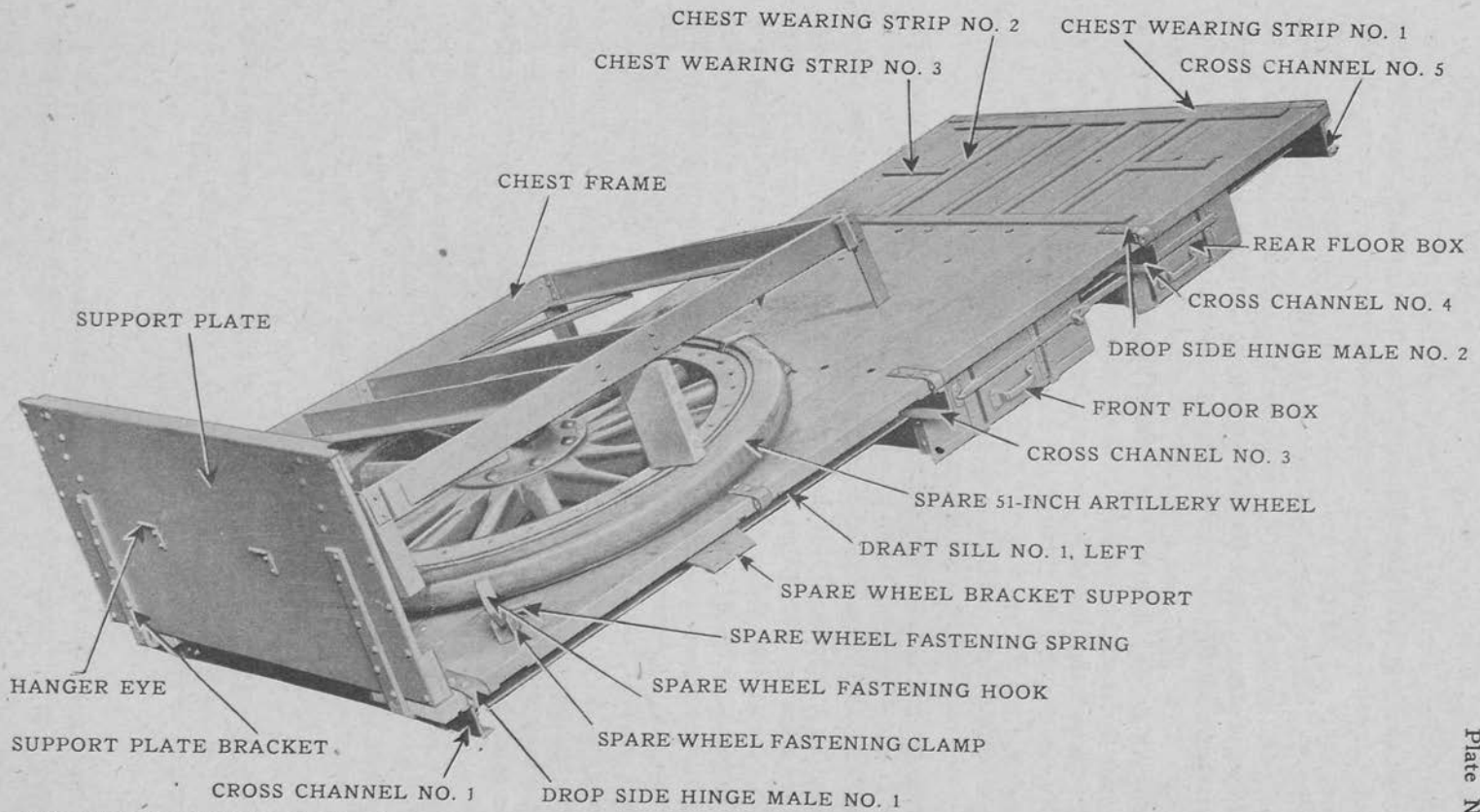
The second cross member (from the front) is the cross channel re-enforce. It is a 2.5 (2½) by 2.0 by 0.187 ($\frac{3}{16}$) inch steel angle, 39.5 (39½) inches long, having the ends of the 2-inch flange sheared off and the then projecting ends of the 2.5 (2½) inch flange bent in at right angles to form the end supports which are riveted to draft sill No. 1 with two 0.375 (⅜) inch rivets at each end. Two rivets at each end secure the top flange of the angle to a splice plate No. 1 on the draft sill. The top flange of the angle is cut away in the middle to clear the hub of an artillery spare wheel, when such is carried on the floor. This angle supports and re-enforces cross channel No. 2, by being riveted thereto with seventeen 0.375 (⅜) inch rivets, equally spaced along the 2.5 (2½) inch flange of the angle.

CROSS CHANNEL NO. 2.

Cross channel No. 2 is of 3-inch rolled channel steel, 39.5 (39½) inches long, extending between draft sills No. 1. Each end of the top flange of the



UNDERNEATH VIEW OF FLOOR WITHOUT BENCH CHEST SHOWING FRONT PART OF BODY, FLOOR BOXES AND FLOOR DETAIL



TOP VIEW OF FLOOR TO SHOW CHEST FRAME WHICH IS PROPPED UP TO SHOW HOW ARTILLERY WHEEL RESTS ON THE FLOOR

channel is riveted to splice plates No. 1 with two 0.375 (3/8) inch rivets. Holes for the longitudinal tee-bar rivets and the floor bolts are drilled in the top flange of the channel. A hinge support is used to provide the necessary support for splice plate No. 1 (which carries the drop side hinge, male No. 1), opposite the ends of cross channel No. 2. This hinge support by made of 2 by 2 by 0.187 ($\frac{3}{16}$) inch open hearth steel rolled angle. The top flange is sheared off at the end next to the draft sill, and the vertical flange bent back to form a connection which is riveted to the draft sill with two 0.375 (3/8) inch rivets. A flange steel spacer 2 inches by 4 inches by 0.25 (1/4) inch thick is inserted outside the upper flange (0.25 (1/4) inch thick) of the draft sill, between the hinge support and the splice plate. Two of the three 0.5 (1/2) inch bolts which secure the drop side hinge, male No. 1, pass through the hinge support filler, and the third through the top flange of the draft sill.

CROSS CHANNEL NO. 3.

Cross channel No. 3 extends across the rear ends of the two draft sills (No. 1) and is secured thereto by gusset plates No. 1 and corner re-enforces No. 2, which are riveted to both with 0.375 (3/8) inch rivets. Cross channel No. 3 is made of 3-inch channel steel 52.625 (52 5/8) inches long.

Three holes are drilled through each end of the top flange for the three 0.5 (1/2) inch bolts which pass through the channel, gusset plate and drop side hinge, male (No. 1), securing the latter to the top of the gusset. Holes for the longitudinal tee-bar rivets and the floor bolts are drilled in the top flange of the channel. Nineteen holes are drilled in the web of the channel for 0.312 ($\frac{5}{16}$) inch rivets which secure the front Floor Box to the channel.

The rear of each Floor Box is supported by a cross angle having the same rivet hole spacing on the vertical flange for the Floor Box, as the cross channels which support the front of the boxes. These cross angles are duplicates, 2.5 (2 1/2) by 2 by 0.187 ($\frac{3}{16}$) inch rolled angle steel 43.75 (43 3/4) inches long. They are supported by the three longitudinal tee-bars to which they are riveted with 0.375 (3/8) inch rivets. Each end of the angles is secured to a splice (or gusset) plate No. 2 by three 0.375 (3/8) inch rivets, the plates being riveted to the draft sills.

CROSS CHANNEL NO. 4.

Cross channel No. 4 is similar to cross channel No. 3, except for the spacing of the holes in the top flange. A drop side hinge, male No. 2, is secured on the top of each end.

CROSS CHANNEL NO. 5.

Cross channel No. 5 forms the rear end frame member. It extends across the ends of two draft sills No. 3, to which it is secured by gusset

plates No. 2 and corner re-enforces No. 2, which are riveted to both. It is of 4-inch rolled channel steel, 52.625 (52⅝) inches long. Holes for the longitudinal tee-bar rivets and the floor bolts are drilled through the top flange of the channel.

CONNECTIONS.

The splice plates and gusset plates are made of 0.25 (¼) inch flange steel. The corner re-enforces are all made of 0.25 (¼) inch forged steel.

LONGITUDINAL TEE BARS.

Three longitudinal tee-bars are used to tie the cross members together. They are specified as center, outer left and outer right. The difference between the center one and the outer ones is that the forward end of the center one only is sheared off at an angle of 30 degrees to the vertical (on the vertical leg) to clear the hub of a spare artillery wheel when one is carried on the floor of the body. The center tee is riveted to each cross member with two rivets, while the outer ones have only two rivets in the No. 2 and No. 3 cross channels, and one rivet in each of the others. These tees are each of open hearth steel 2 by 1.5 (1½) by 0.25 (¼) inches, and 85.0 inches long.

TRUCK FLOOR.

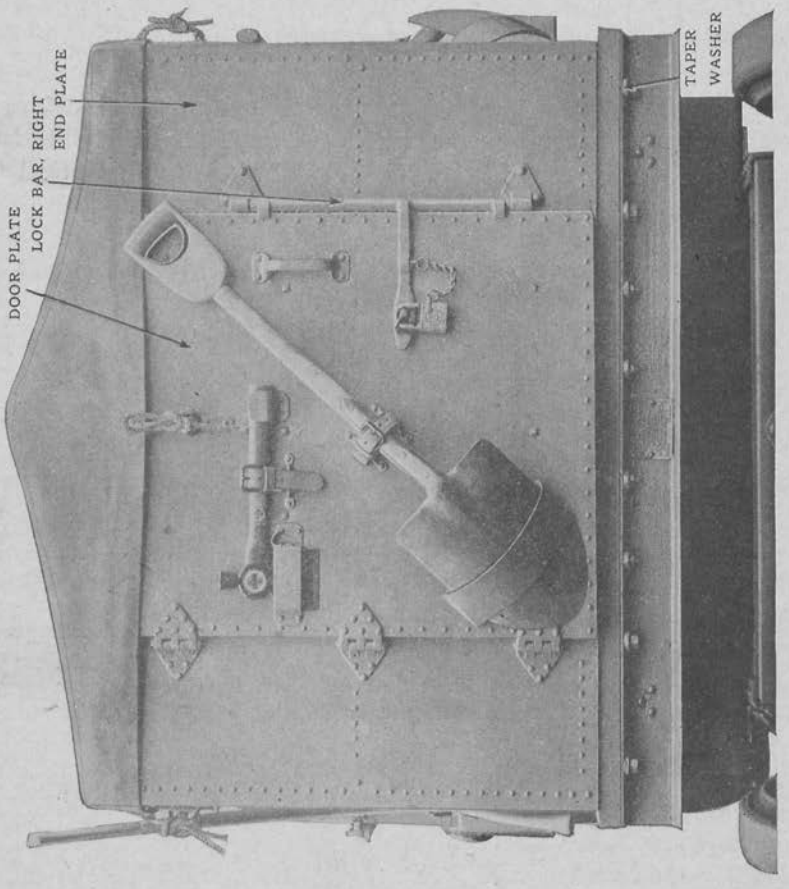
The truck floor consists of poplar planks laid lengthwise of the truck and bolted to the floor frame. The floor is made up of ten widths, the outside planks being in sections so as to leave spaces for the drop side hinges (male). The six center planks are shorter than the others, to allow for a false floor set in at the front to a depth of 33.312 ($33\frac{5}{16}$) inches. The three longitudinal tee bars of the floor frame divide the floor into four sections. Each of the two outside sections extends the full length of the body, while the two middle sections extend from the rear to the false floor.

The flooring is 1.5 (1½) inch thick, 120.25 (120¼) inches long over-all, and 52.625 (52⅝) inches wide. The planks are laid on the floor frame cross members. The two outside sections of the floor are each 120.25 (120¼) inches long and 10.562 ($10\frac{9}{16}$) inches wide, made up of two widths each of 1.5 (1½) inch poplar. The outside planks are cut into five sections. The two middle sections are each 84.187 ($84\frac{3}{16}$) inches long and 15.281 ($15\frac{9}{32}$) inches wide, made up of three widths of poplar each, 1.5 (1½) inch thick.

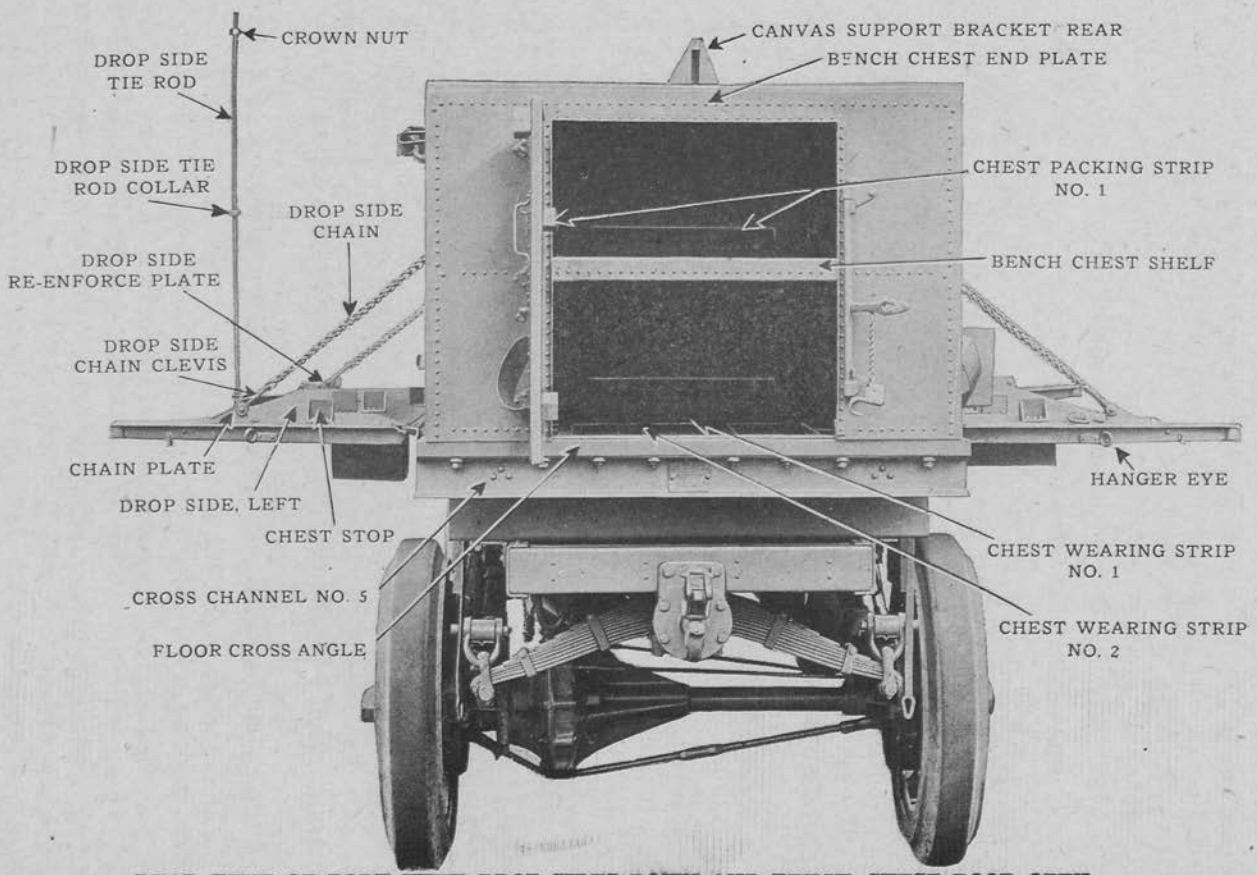
The floor is gained to clear the gusset, splice plates and spring hinge plates on the under side, and to clear the floor re-enforce bars on the top. A hole is cut into the false floor and part of the truck floor just back of the false floor to allow for the hub of a 51-inch artillery wheel.

The floor is also gained across the extreme rear end for a 1.5 (1½) by

Plate No. 10.



REAR VIEW OF BENCH CHEST SHOWING EQUIPMENT IN PLACE



REAR VIEW OF BODY WITH DROP SIDES DOWN AND BENCH CHEST DOOR OPEN

Plate No. 11.

1.5 (1½) by 0.187 ($\frac{3}{16}$) inch steel angle 52.625 (52⅝) inches long, which is bolted (flush with the top of the floor) across the top corner of the floor. Four countersunk-head bolts 0.375 (⅜) inch diameter, secure this angle to the floor and cross channel No. 5. Four holes for 0.5 (½) inch bolts which secure the Bench Chest to the floor, are also drilled through this floor cross angle, the wooden floor and cross channel No. 5.

Eight steel wearing strips 0.25 (¼) inch thick are screwed to the rear end of the floor, above which the Bench Chest is located.

FALSE FLOOR.

The false floor is 33.312 ($33\frac{5}{16}$) inches long and 31.375 (31⅜) inches wide, made up of six poplar planks 1.5 (1½) inch thick. These six pieces are held together by battens screwed to the underside. The batten at the front is dovetailed 0.5 (½) inch into the underside of the floor, while the ones at the rear end are secured by screws only. Number 14 flat head wood screws are used throughout.

A hole 8 inches wide is cut into the false floor for a distance of 11.25 (11¼) inches from the rear end, to clear the hub of an artillery wheel laid flat on the floor. The forward end of the false floor is beveled from the top to provide the necessary clearance when the floor is raised by the chest handle sunk into the floor at the forward end. The removal of this floor provides access to the top of the transmission, located beneath.

FLOOR BOXES—(Under Floor).

Two Floor Boxes are secured to the underside of the floor frame. The front box is suspended between cross channel No. 3 and the forward cross angle. The rear box is supported between cross channel No. 4 and the rear cross angle. These two boxes extend across the width of the chassis for a distance of 44 inches, and are each provided with a door at each end. They are of similar construction, differing only in width, length of lock bars, the location of the lock (which is secured to the front box only), and the omission of a re-enforce angle at each upper forward end of the rear box.

For details of equipment carried in Floor Boxes on various loads, see pages 67 to 72.

FRONT FLOOR BOX

The Front Floor box is constructed of steel, riveted together with 0.25 (¼) inch rivets. It is 44 inches long, 7.5 (7½) inches deep and 23.812 ($23\frac{13}{16}$) inches wide, outside. The capacity of the box is 7,508 cubic inches. The inside dimensions are 23.437 ($23\frac{7}{16}$) inches wide, 7.312 ($7\frac{5}{16}$) inches deep, and 43.812 ($43\frac{13}{16}$) inches long.

The main body of the box is a one piece flange steel plate 0.093 ($\frac{3}{32}$) inch thick, pressed U-shape, forming both sides and the bottom. The forward flange, which is 6 inches deep, is riveted to the back of the cross

channel No. 3 by 25 rivets. The rear flange, which is 6.5 (6½) inches deep, is riveted to the forward cross angle by 27 rivets.

Each end is held by a one-piece flange steel plate, 0.093 ($\frac{3}{32}$) inch thick, with flanges pressed on each end and the bottom. This end fits over the end of the front box bottom and is riveted to it. A section 9.5 (9½) inches long and the entire length of the box end is cut out, providing the opening to the box.

DOOR GUIDES.

Pressed-steel door guides are riveted at each side of this opening. A pressed lug projects 0.5 (½) inch at the bottom, which makes contact with a similar lug on the vertically sliding door, when the door is in the open position, preventing it from dropping out of position. The door guides project below the bottom of the box, and are riveted at the bottom end to the pressed-steel bottom re-enforce angle, which is riveted across the bottom end of the box. This angle is 1.5 (1½) by 1 by 0.093 ($\frac{3}{32}$) by 23.812 ($23\frac{13}{16}$) inches. The 1.5 (1½) inch leg is riveted to the box with thirteen 0.25 (¼) inch rivets.

Each end of the Floor Box is re-enforced at the top by two 1 by 1 by 0.125 (⅛) inch angles 6.375 (6⅜) inches long, each riveted to the box end with four 0.25 (¼) inch rivets. Two 0.25 (¼) inch bolts pass through the other leg of the angle, securing it to the underside of the wooden floor.

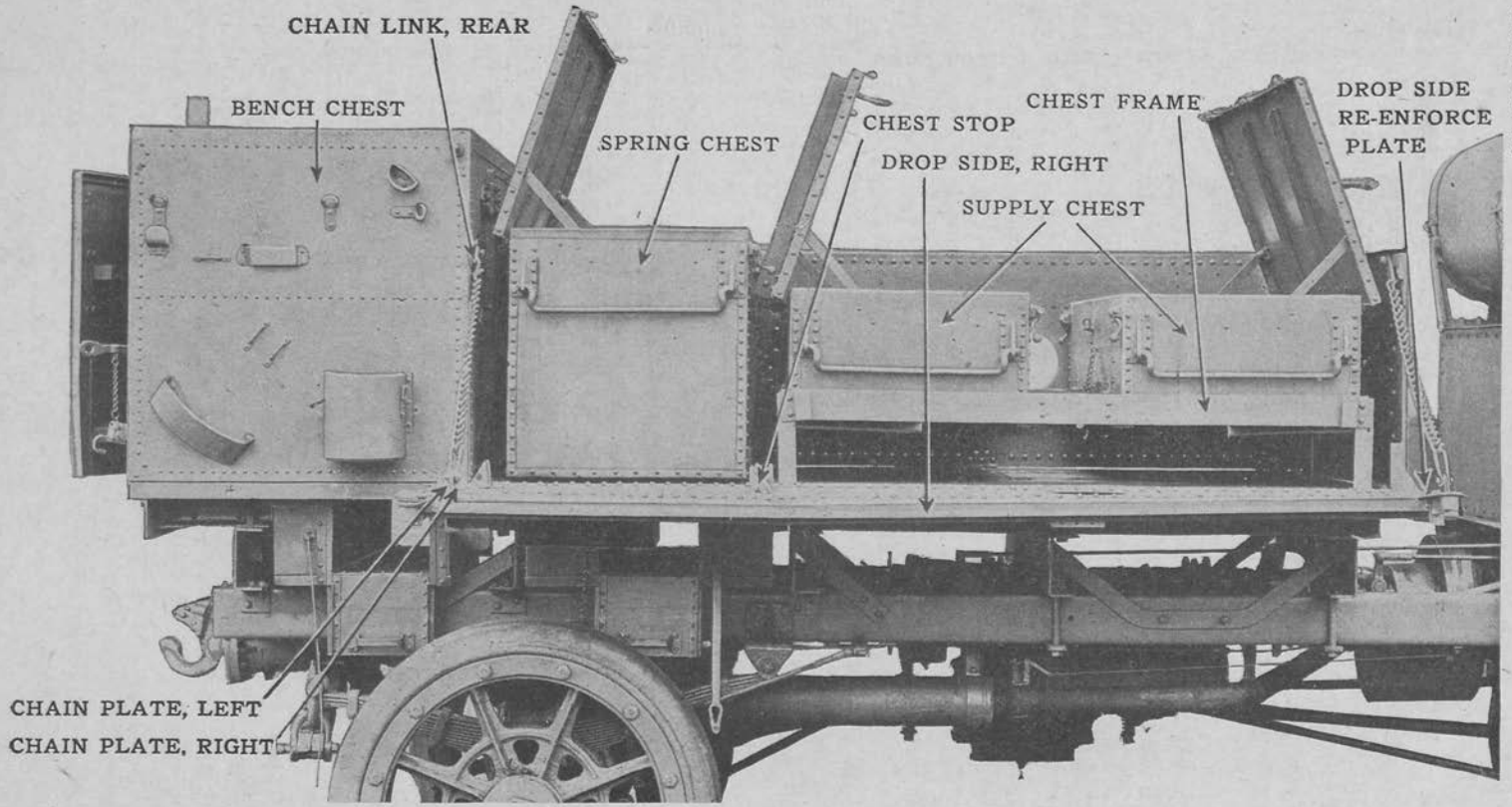
FLOOR BOX DOOR.

The opening in the end of the box is provided with a door which slides vertically between the box end and the door guides. This door is a flange plate 0.093 ($\frac{3}{32}$) inch thick, 10.25 ($10\frac{1}{4}$) inches wide, 7.75 ($7\frac{3}{4}$) inches high. It is provided with a riveted-on angle which serves as a guide, and is notched 3.5 (3½) inches from the top of the door to receive the door lock bar. The upper end of the projecting angle leg is bent out at right angles, serving as a stop when the door is down. The angles are riveted to the door with 0.187 ($\frac{3}{16}$) inch rivets.

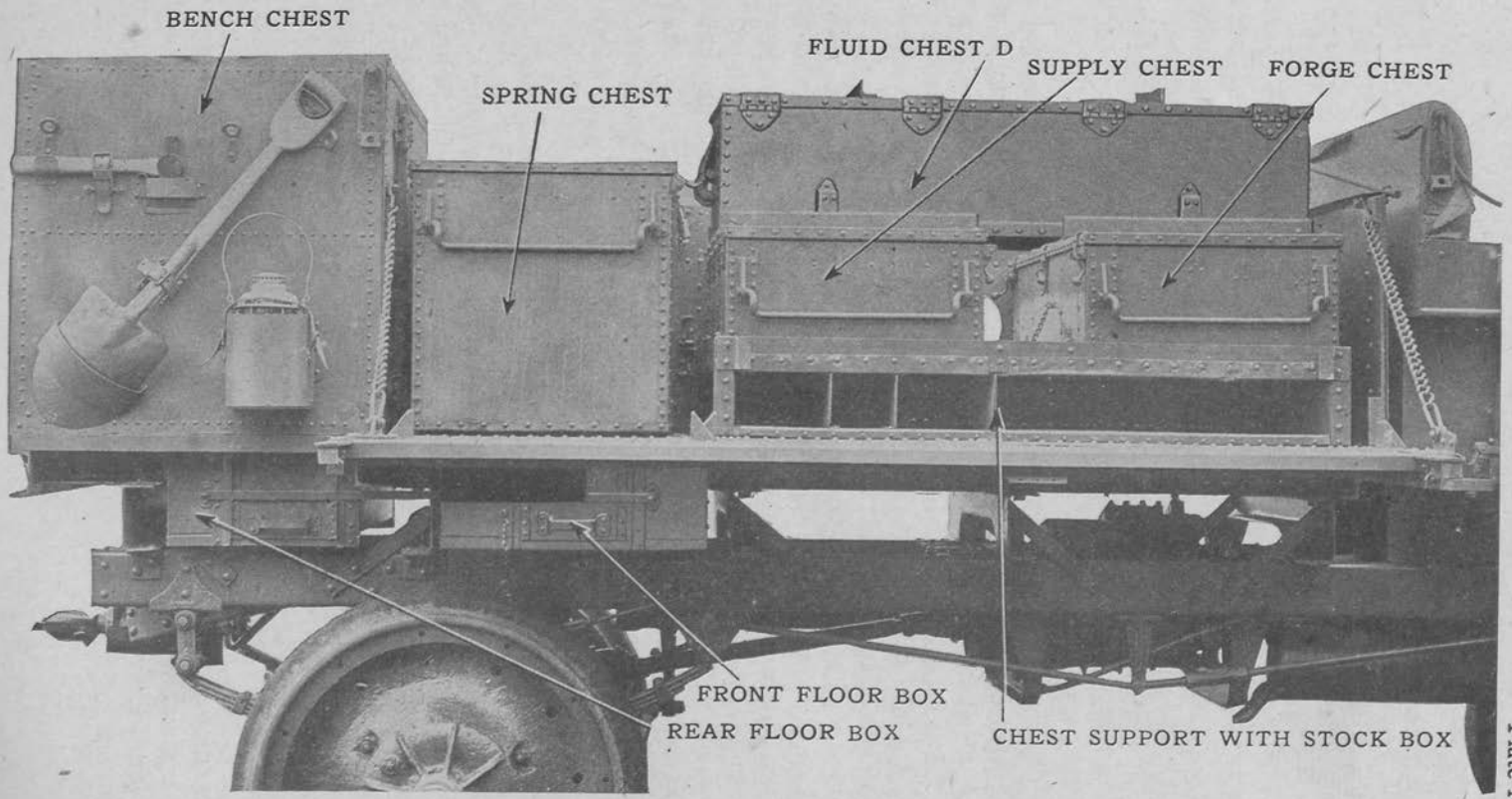
DOOR LOCK BAR.

The door lock bar is of forged steel 19.187 ($19\frac{3}{16}$) inches long, 0.75 (¾) inch wide and 0.187 ($\frac{3}{16}$) inch thick. It is secured to the bar bracket which is riveted to the box end, forward of the door, by two rivets. An oval hole in the free end of the lock bar admits of the bar being placed on the wing nut. The wing nut is secured by a wing nut pin riveted to the box end, near the rear. The wing nut has a hole for a padlock and swivels on the wing nut pin. The rear floor box lock bar is of sufficient length to fit on this pin, under the front lock bar. One wing nut and padlock lock both doors.

Each door is supplied with a steel handle held in place by four 0.25 (¼) inch rivets.



RIGHT SIDE OF BODY WITH DROP SIDE DOWN TO SHOW LOAD WITH CHEST LIDS OPEN. HERE THE FLUID CHEST HAS BEEN REMOVED TO PERMIT OF OPENING THE SUPPLY CHEST LIDS. NOTICE THAT THE SUPPLY CHESTS REST ON A CHEST FRAME WHICH IS USED ON ALL LOADS BUT LOAD D



RIGHT SIDE OF BODY DROP SIDE DOWN TO SHOW LOAD D ONLY IN PLACE. ONLY LOAD D USES A CHEST SUPPORT WITH STOCK BOX INSTEAD OF SIMPLY A CHEST FRAME

Plate No. 13.

REAR FLOOR BOX.

The rear Floor Box is 44 inches long, 7.5 (7½) inches deep and 17 inches wide, outside. The capacity of the box is 5,327 cubic inches. The inside dimensions are 16.625 (16⅝) inches wide, 7.312 ($7\frac{5}{16}$) inches deep and 43.812 ($43\frac{13}{16}$) inches long. For a general description of this box, refer to the front Floor Box, as they are constructed similarly.

BENCH CHEST.

The Bench Chest is a steel box with wooden top, bolted to the truck floor at the rear end, and is to be found on the Artillery Supply Truck on every load. It has a top of maple which serves as a work bench. The chest is designed to carry small wooden chests and other equipment specified under each load. For details of equipment contained in the various loads see pages 77 to 112.

The chest consists of two side plates, two end plates, two doors and a shelf plate, all of steel. It is suitably re-enforced, and the plates are riveted together, forming a rigid structure. The doors swing on three forged steel hinges each, and are provided with door handles and lock bars. On the sides and ends are hanger eyes for tying the canvas cover loops. Brackets and fasteners for tools are provided on the outside to hold standard equipment of this body. Chest packing strips of oak on the inside of the doors and front end prevent contents from rattling. There are also weather strips of leather. The truck floor serves as the bottom of the Bench Chest. On the sides of the chest are bolts for fastening the drop sides, and smaller studs are provided on the inside end for fastening the drop side chains.

The Bench Chest is 32 inches deep by 33.5. (33½) inches high by 50.625 (50⅝) inches wide, outside measurements. It has a capacity of 30 cubic feet.

BENCH CHEST SIDE PLATES.

The Bench Chest side plates are identical, with the exception of the position of rivets and tool fastenings, and holes for the drop side fastening bolts. They are made of single plates of 0.062 ($\frac{1}{16}$) inch flange steel commercial, 33.5 (33½) by 32 inches. Rivets are spaced 1 inch apart and are 0.187 ($\frac{3}{16}$) inch round-head rivets, except where hinges or brackets are fastened. The plates are riveted 1.25 (1¼) inch from the top edge to top side angles of 2 by 2 by 0.187 ($\frac{3}{16}$) inch steel, 31.375 (31⅜) inches long.

The front and rear ends of the side plates are riveted to corner angles, front and rear, 2 by 2 by 0.187 ($\frac{1}{16}$) inch steel, 33 inches long. The Bench Chest shelf flange is riveted to the side plates, 17.75 (17¾) inches from the bottom.

In the right upper corner of the right plate and the upper left corner of the left plate are 0.781 ($\frac{25}{32}$) inch holes, one in each plate, drilled after assembling for the drop side fastening bolts, 4.687 ($4\frac{11}{16}$) inches long, 0.75 ($\frac{3}{4}$) inch diameter, with a collar 1.25 ($1\frac{1}{4}$) inch diameter. The ends are threaded for 0.75 ($\frac{3}{4}$) inch nuts, and the inside end riveted after assembling. The bolts are fitted with drop side fastening clips made by tempered spring steel links, sprung over 0.75 ($\frac{3}{4}$) inch hexagon nuts. At the bottom the side plates are riveted to bottom angles, 2 by 2 by 0.187 ($\frac{3}{16}$) inches.

On the right side plate are riveted a pressed-steel shovel support, lantern bracket, hatchet brackets, a bronze shovel support, bronze strap fasteners for securing hatchet and shovel, and three forged steel hanger eyes for tying the canvas cover.

BENCH CHEST END PLATES.

There are three plates which form each end of the Bench Chest, besides the door which is provided in each end. Two of these plates are 11.812 ($11\frac{13}{16}$) inches by 34 inches, and the third, which is welded to each at the top center, is 3 by 27 inches. All are 0.125 ($\frac{1}{8}$) inch flange steel commercial.

The inner sides of the end plates are riveted to a door casing made by a 0.75 ($\frac{3}{4}$) by 0.75 ($\frac{3}{4}$) by 0.125 ($\frac{1}{8}$) inch steel angle 88.25 ($88\frac{1}{4}$) inches long. Rivets are spaced 1 inch apart and are 0.187 ($\frac{3}{16}$) inch.

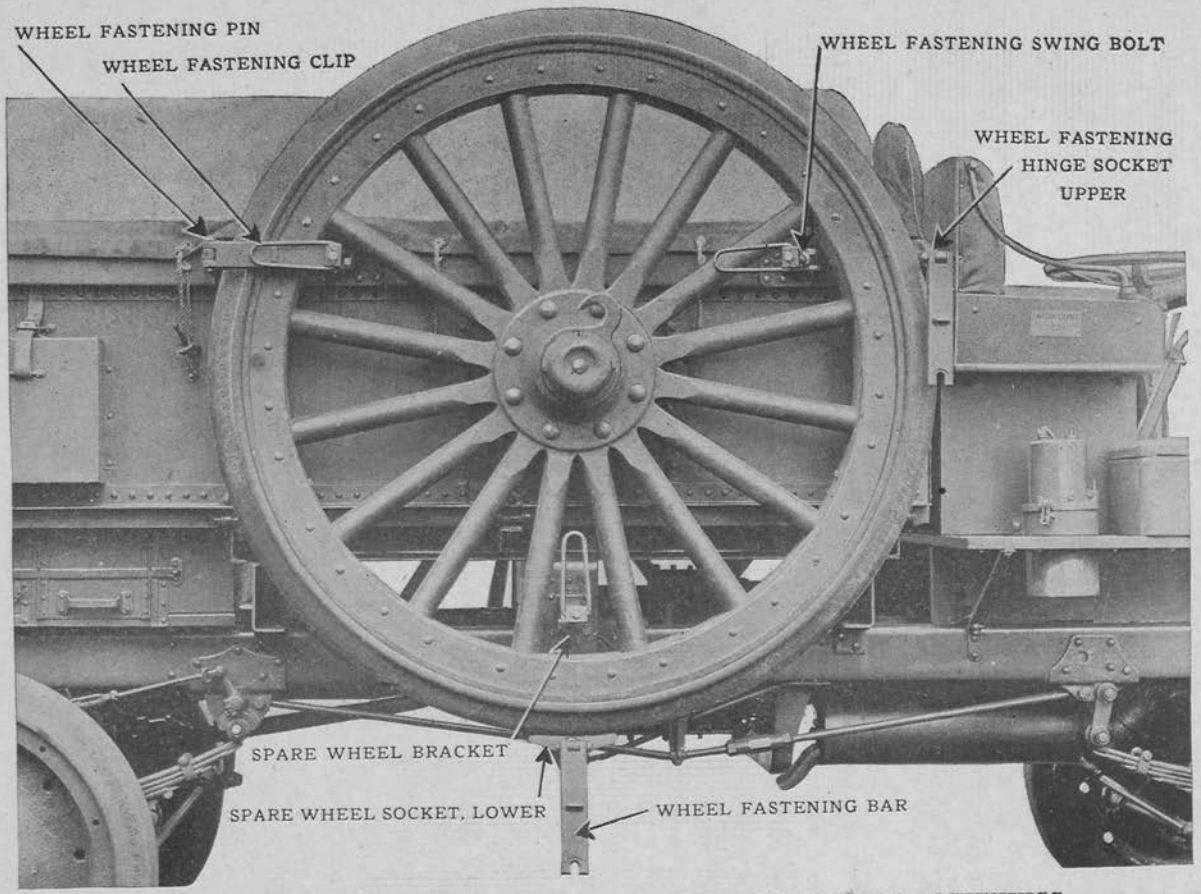
The upper edges of the end plates are riveted to top angles each 1.5 ($1\frac{1}{2}$) by 1.5 ($1\frac{1}{2}$) by 0.125 ($\frac{1}{8}$) inch and 50.125 ($50\frac{1}{8}$) inches long. Along the center they are riveted to horizontal side angles of 2 by 2 by 0.187 ($\frac{3}{16}$) inch and 50.125 ($50\frac{1}{8}$) inches long. Down the outside edges they are riveted to the corner angles, front and rear, and on the bottom edge to bottom angles, 2 by 2 by 0.187 ($\frac{3}{16}$) inch.

A chest packing strip No. 2 of 0.9 inch oak, 10.75 ($10\frac{3}{4}$) inches long and 2 inches wide, is fastened to the front end plate at each side of the front door by six 0.25 ($\frac{1}{4}$) by 1 inch carriage bolts. These strips are gained out 0.25 ($\frac{1}{4}$) inch on one side for 3.75 ($3\frac{3}{4}$) inches to clear the corner angles.

On the left end plate, both front and rear of the Bench Chest, three drop-forged male hinges are riveted, each held by six 0.187 ($\frac{3}{16}$) inch rivets. On the right end plates, front and rear, are two forged lock bar hinges, each 3 by 2.875 ($2\frac{7}{8}$) inches. Each hinge is held by three 0.375 ($\frac{3}{8}$) inch rivets. Suitable filler of 0.187 ($\frac{3}{16}$) inch flange steel is provided for the door hinges and lock bar hinges. Forged steel lock bars, 10 by 19 inches, rotate in the hinges, the hasps fitting over wing nuts on the doors.

BENCH CHEST DOORS.

The doors are virtually identical, being made of single plates of 0.093



RIGHT SIDE OF BODY WITH DETAIL OF ARTILLERY WHEEL FASTENINGS

($\frac{3}{32}$) inch flange steel, 27.9 by 30.65 inches, riveted to door frames, consisting of 0.75 (¾) by 0.75 (¾) by 0.125 (⅛) inch steel angles. Rivets are 0.187 ($\frac{3}{16}$) inch, and alternate ones are countersunk. The only differences are in the location of rivet holes, the handle and wing nut, and the tool fasteners provided on the rear door.

On the inside of each door are chest packing strips of 1.5 (1½) inch oak, 20 inches long by 2 inches wide. They are held by three carriage bolts each, 0.25 (¼) inch by 2.25 (2¼) inches. The three female hinges are riveted to the left side of the door plates by six 0.187 ($\frac{3}{16}$) inch rivets each. Re-enforcing filler is provided for the hinges on the inside of the doors. On the outside of the rear door are: A shovel support and hatchet bracket of pressed steel, a shovel support and three strap fasteners of bronze, a door handle of 0.187 ($\frac{3}{16}$) flange steel, and a drop-forged hanger eye. All are fastened by 0.25 (¼) inch rivets, except the strap fasteners and hatchet brackets, which are held by 0.187 ($\frac{3}{16}$) inch rivets. A bronze wing nut, fitted on a wing nut pin of forged steel riveted on both ends, is provided for the lock bar. Two forged steel washers are used as filler. The wing nut has a hole in the wing for a standard 2-inch padlock. The front door has none of these fittings, except the door handle and wing nut.

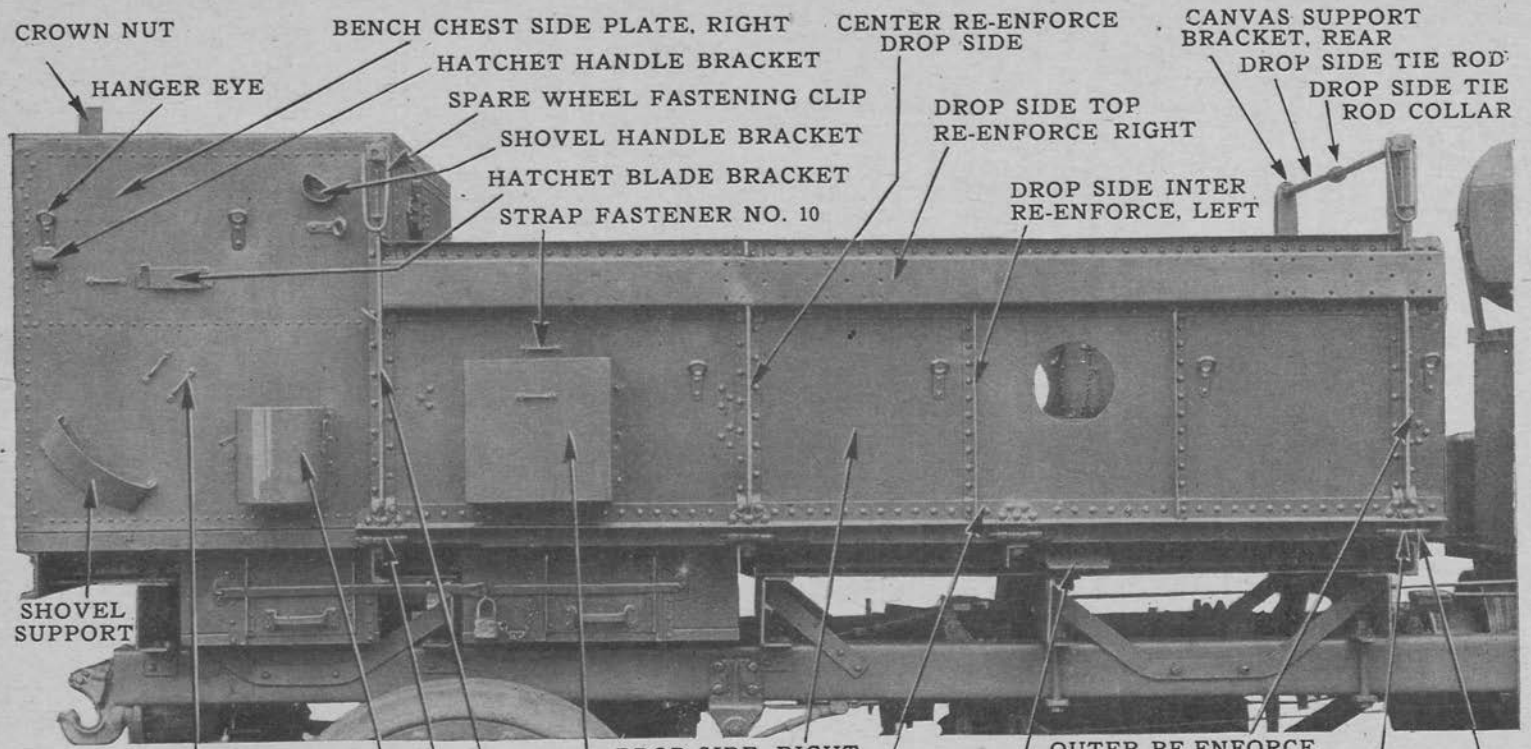
Weather strips of harness leather, 0.15 inch thick, 0.625 (⅝) inch wide and 28 inches long are held across the top of the door plates by the door frame rivets, and similar strips, 32 inches long, are riveted down the sides of both doors.

BENCH CHEST TOP.

The top of the Bench Chest consists of eight strips of maple, each 50.5 (50½) inches long by 1 inch thick by 4 inches wide, tongued and grooved. The strips run horizontally, and are fastened at the sides to top side angles by 0.375 (⅜) inch carriage bolts, countersunk 0.937 ($\frac{15}{16}$) inch diameter, 0.375 (⅜) inch deep. A bench top re-enforce of maple, 1.5 (1½) by 1.75 (1¾) by 31.5 (31½) inches is set longitudinally underneath the top, its ends resting on the top angles. It is fastened by two carriage bolts, similar to the others, which run through the top strips. The top is used as a work bench, and a vise may be bolted to it. A canvas support bracket of flange steel is fastened at the rear center by four No. 10 wood screws, 1 inch long.

BENCH CHEST SHELF.

A plate of 0.062 ($\frac{1}{16}$) inch flange steel, 35.75 (35¾) by 52.375 (52⅜) inches, is used as a shelf 17.75 (17¾) inches from the bottom of the Bench Chest. The shelf is flanged on all edges a depth of 1 inch on the sides and 2 inches front and rear. The front and rear flanges are turned down and riveted to the Bench Chest end plates through center angles 2 by 2 by 0.187 ($\frac{3}{16}$) inch steel, 50.125 (50⅛) inches long. The side flanges turn up and are riveted to the Bench Chest side plates.



RIGHT SIDE OF BODY SIDE UP, AL L EQUIPMENT AND LOAD REMOVED

BENCH CHEST MOUNTING.

The Bench Chest has no bottom of its own, but is fastened to the truck floor by five 0.5 (½) inch standard bolts through a bottom angle on each side. The bottom angles are 2 by 2 by 0.187 ($\frac{3}{16}$) inch, and are U-shaped, with two arms bent at right angles horizontally across the truck floor. The arms are 11.75 (11¾) inches long, and the side of the angle is 32 inches. The arms are riveted to the Bench Chest end plates, and the sides to the Bench Chest side plates. Chest wearing strips are provided on the floor under the Bench Chest.

SUPPORT PLATE—(Front End).

The front end of the body to which the drop side supporting chains are anchored, is known as the "support plate." It is a flange steel plate 0.093 ($\frac{3}{32}$) inch thick with top and bottom of the plate bent at right angles, forming a flange 1.75 (1¾) inches wide.

The plate is mounted on the body with one of these flanges resting on the wooden floor and the other one forming the top flange. This plate is 52 inches wide, extending across the width of the body, and 23 inches high above the floor.

SUPPORT PLATE BRACKET.

The plate is held in position by a forged steel support plate bracket, 0.5 (½) inch by 2 inches, at each end. This bracket is riveted to the forward side of the plate by seven 0.375 (⅜) inch rivets, four of which also pass through the vertical support riveted to the rear (or inside) side of the plate.

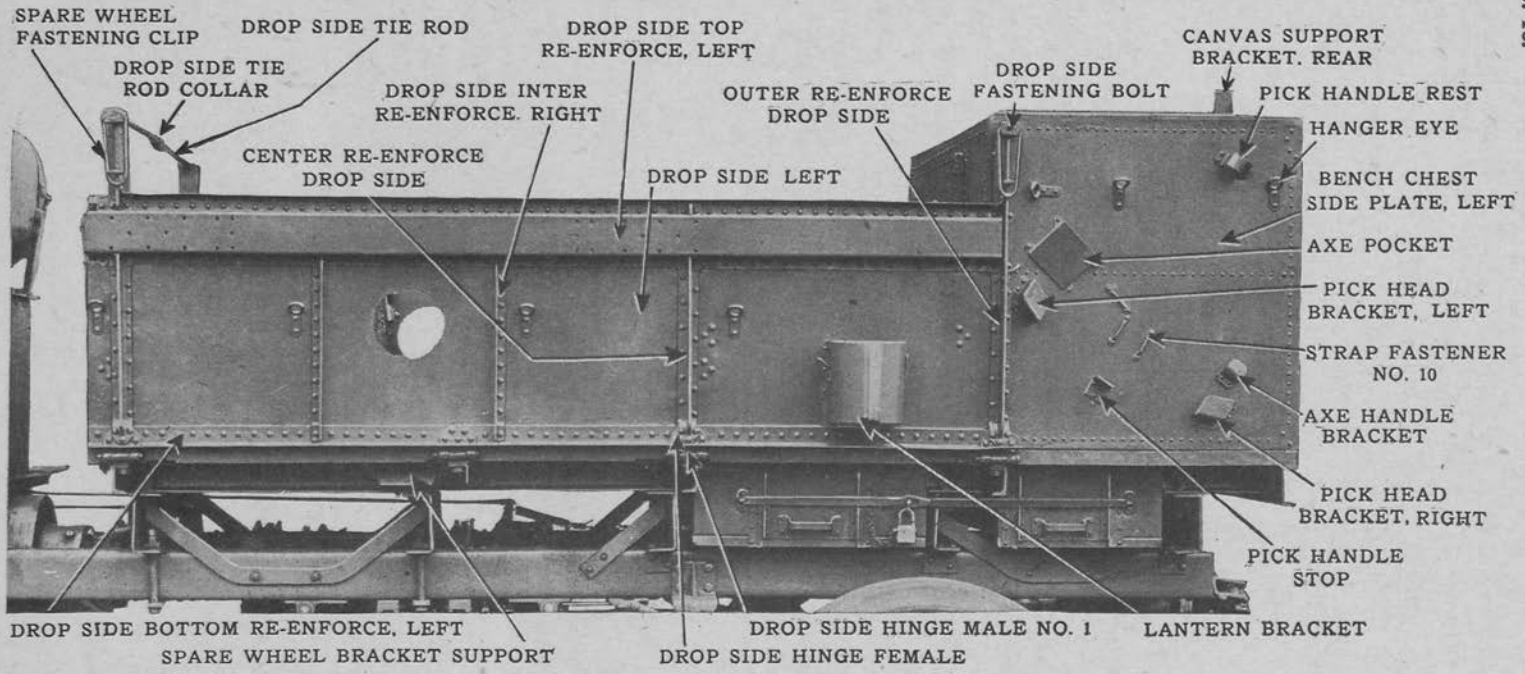
The support plate bracket extends 14 inches above the floor, and is offset at the underside of floor to connect with the vertical side of the forward floor support cross channel to which it is riveted with two 0.375 (⅜) inch rivets. A 0.5 (½) inch bolt securely clamps the lower flange of the support plate, the wooden floor, and the support plate bracket (where it runs under floor) together.

VERTICAL SUPPORT.

The vertical support, referred to above, is a pressed angle section of flange steel 0.187 ($\frac{3}{16}$) inch thick, 7.25 (7¼) inches wide with flanges 1.5 (1½) inches, and 22.5 (22½) inches long. This support is riveted in a vertical position to the inside (or rear) of the front support plate with thirteen 0.375 (⅜) inch rivets. The upper part of the support flange, next to the side of the body, is cut away to clear the drop side chain plate. A forged steel corner re-enforce piece is riveted to the top outer corner of the vertical support, to provide sufficient bearing surface for the chain link pin.

DROP SIDES.

The drop sides are two plates of 0.125 (⅛) inch flange steel, hinged to



LEFT SIDE OF BODY SIDE UP, ALL EQUIPMENT AND LOAD REMOVED

the sides of the body so that they may be lowered, affording extra floor space. These sides are held in a plane with the truck floor by chains attached to each end. The upper ends of the chains are secured to the support plate and to the front of the Bench Chest.

When the drop sides are raised they are fastened in place by means of a tie rod in front and by two drop side fastening bolts and clips located on the Bench Chest in the rear. Bronze chest stops are provided on the drop sides to hold the various chests in place. The sides are suitably re-enforced, and have clearance for the hubs of spare 61-inch artillery wheels.

Each of the two drop sides extends from the front support plate back to the front of the Bench Chest. The drop side is a flange steel plate 0.125 (⅛) inch thick, 90.687 (90 11/16) inches long (plus a 0.75 (¾) inch lug at the rear bottom corner) and 24.5 (24½) inches high with a pressed flange 1.5 (1½) inch wide at the top, projecting outside the body.

DROP SIDE TOP RE-ENFORCE.

The drop sides are re-enforced at the top by a pressed U section steel "drop side top re-enforce" 0.125 (⅛) inch thick and 89.5 (89½) inches long. The width of the section over the flanges is 6.3 (6 3/16) inches, depth 1.75 (1¾) inch; width of U section outside 4.25 (4¼) inches. This re-enforcement is riveted on the outside of the drop side plate and is cut to clear the two forward tee bars. Holes are provided for the rivets securing the spare artillery wheel brackets.

DROP SIDE BOTTOM RE-ENFORCE.

The bottom of the drop side plate is re-enforced by a "drop side bottom re-enforce." This is 2 by 2 by 0.187 (3/16) inch angle steel, 91.937 (91 15/16) inches long and is riveted to the drop side plate with 0.312 (5/16)-inch rivets spaced 1.5 (1½) inch apart. The projecting leg (bottom) of this angle is slotted to receive the drop side hinges (female) which are riveted over the vertical leg of the angle to the drop side plate.

OUTER RE-ENFORCE DROP SIDE.

Three tee and two angle section members re-enforce the drop side plate from the bottom to the top. The two end ones are known as "outer re-enforces," which are 2 by 2 by 0.25 (¼) inch steel tee bars, 32.875 (32⅞) inches long. The bottom end is offset 0.625 (⅝) inch to provide clearance for the bottom re-enforce angle and drop side hinge, over which it is riveted to the drop side plate. The upper end of the tee bar extends above the drop side plate and is provided with a welded-on boss having drilled therein a 1-inch hole, through which the drop side tie rod passes, holding the sides in an upright position. A clip lock is welded to the tee 5.5 (5½) inches below the center of the boss, to lock the tie rod nut handle in position.

CENTER RE-ENFORCE DROP SIDE.

The center re-enforce tee is the same size section as the outer ones, but does not project above the top of the drop side, being only 24 inches long. It is located next to the rear outer re-enforce tee, and is riveted to the drop side plate in the same manner.

The two intermediate re-enforce angles are located forward of the center re-enforce tee, but only extend from the drop side bottom re-enforce angle to the bottom flange of the drop side top re-enforce member. They are 1 by 1 by 0.125 (1/8) inch angle steel 18.25 (18 1/4) inches long, offset at each end where they are riveted to the re-enforce members. They are riveted to the drop side plate by twelve 0.312 ($\frac{5}{16}$)-inch rivets.

HINGES.

The drop sides are hinged at the bottom on four steel hinges (female), which are riveted to the side by five 0.375 (3/8) inch rivets.

The drop sides are held in the vertical position by the drop side tie rod at the front end and at the rear end by studs secured to the outside forward top corners of the Bench Chest. The tie rod and studs pass through holes in the boss on the upper end of the outer re-enforce tees, which are riveted to the drop side.

DROP SIDE TIE ROD.

The drop side tie rod is a steel rod 57.5 (57 1/2) inches long, 0.75 (3/4) inch diameter, threaded 3.75 (3 3/4) inches on each end, U. S. Standard thread. A steel collar 1.75 (1 3/4) inch diameter, 0.75 (3/4) inch long is pinned in the middle of the rod, by a 0.125 (1/8)-inch by 2 inches steel pin (heads countersunk). This collar maintains the position of the cover ridge pole support.

A 0.75 (3/4)-inch standard crown nut is screwed on each threaded end of the tie rod, leaving 2.625 (2 5/8) inches of thread projecting, and is secured in position by a 0.156 ($\frac{5}{32}$) inch split pin. The inner side of the re-enforce tee is held against this nut by a drop side fastening clip. This is a nut with a swivel handle, made of tempered spring steel, screwed on the outside. The swivel handle of the outside nut lays over a clip lock welded to the tee, locking it in position.

DROP SIDE CHAINS.

The top of the drop side, when down, is supported by a chain at each end. This chain is 25.875 (25 7/8) inches long, forged of 0.312 ($\frac{5}{16}$)-inch steel. It is connected to a chain link which is bolted to the front support at the front and the bench chest at the rear. The lower end of the chain is connected by a clevis riveted at the rear end to two chain plates which are riveted to the drop side, and at the front end to a drop side re-enforce plate.

CHEST STOPS.

Bronze chest stops are riveted to the inside of the drop side plates, which serve as stops for the Spring Chest and the chest frame or chest support, maintaining their position in the body while enroute.

CANVAS COVER.

This cover is secured by ropes to 19 hanger eyes riveted to the outside of the body, as follows: 5 on each drop side, 2 on the front (end) support, 3 on each side of the Bench Chest, and 1 on the rear door.

BODY EQUIPMENT.

The following body equipment is carried on the outside of the body by suitable brackets riveted to the Bench Chest and drop sides:

Part No.	No. per body.	Part name.	
U51D1	1	Axe	Property classification: Class. IV, Div. 9.
	2	Buckets, water, canvas	
	3	Bolts, ⅜"x2" USS (vise to body)	
MC8B1	1	Can, safety, 1 gal	
MC5DEF	1	Canvas support assembly complete	
	1	Cover, canvas for supply body	
U51B1	2	Hatchets	
	1	Lantern complete	
JB5C	4	Lock chain and rivet complete with bolt snap	
	3	Nuts, ⅜" USS (vise to body)	
	1	Oil, medium, gasoline engine, gal	
U106ABC	2	Pads, lantern bracket	
U51A3	1	Pickaxe	
	1	Pole, ridge wood	
U51C	2	Shovels, short handle	
	1	Strap, 22.75" long, style AV, 7 holes 1 for water bucket	
	4	Straps, 12" long, style AV, 7 holes 1 for axe handle 1 for pickaxe handle 2 for hatchet handle	
U8D	2	Straps, lantern bracket	
	2	Straps, 15" long, style AV, 7 holes 2 for short handle shovel	
	1	Vise, swivel jaw	
	3	Washers, lock ⅜" (vise to body)	
	3	Washers, plain ⅜" (vise to body)	

ARTILLERY SUPPLY BODY NOMENCLATURE.

Part No.	No. per body.	Part name.
		BENCH CHEST.
20K	1	Bench chest side plate (left)
20L	1	Bench chest side plate (right)
18Q	1	Bench chest shelf
19D	1	Canvas supt. bracket rear
R18G	1	Corner angle front (right)
L18H	1	Corner angle front (left)
R18K	1	Corner angle rear (right)
L18L	1	Corner angle rear (left)
R18A	1	Top side angle (right)
L18B	1	Top side angle (left)
18T	2	Center angle
R18R	1	Bottom angle (right)
L18S	1	Bottom angle (left)
18M	2	Top angle
20C	2	Bench chest door casing
20D	2	Bench chest door frame
20G&H	2	Bench chest door plate
20A&B	2	Bench chest end plate (right and left)
14D	2	Bench chest chain plate (right)
14E	2	Bench chest chain plate (left)
JB4	2	Wing nut pin re-enforce
19F	2	Door hinge male re-enforce
GB2M	4	Door hinge female re-enforce
C114D	8	Door handle re-enforce
C114E	2	Door handle
20E	2	Weather strips .15" thick
20F	4	Weather strips .15" thick
GB2N	6	Door hinge pin
18C	1	Bench top
13V	4	Door hinge male re-enforce
For18P	2	Nuts for drop side fastening bolts
JBIT	4	Wing nut pin washer
9L	2	Wing nut pin
18P	2	Drop side fast. bolt
GB2K	6	Door hinge, male
GB26	6	Door hinge, female
HB36C1	2	Spare wheel fast. nuts
JBIQ	4	Wing nut
C93G	2	Wing nut pin
13M	4	Lock bar hinge
C93P	2	Lock bar (right only)
19P	4	Chest pack strip No. 1 (right and left)
19K&L	2	Chest pack strip No. 2 (right and left)
GB2N	6	Door hinge pin
		BOLTS.
	10	¾"x2¼" 1⅞ thread S.A.E. hexagon head
	16	⅜"x1½" carriage bolts with nuts
	20	⅜"x2½" carriage bolts with nuts
	4	⅜"x 2" carriage bolts with nuts
	4	⅜"x 2" carriage bolts with nuts
	2	½"x2⅝" bolts, B.H
	16	¼"x 1" carriage bolts with nuts
	12	¼"x2¼" carriage bolts with nuts
	2	¼"x1⅜" B.H. bolts
		DROP SIDE.
R13K	2	Drop side inter re-enforce (right and left)
LBL	2	Drop side inter re-enforce (right and left)
R13M	1	Drop side bottom re-enforce (right and left)
L13N	1	Drop side bottom re-enforce (right and left)
13C&D	2	Drop side (right and left)
13G&H	2	Drop side top re-enforce (right and left)
14L&M	2	Drop side re-enforce plate
15A	2	Fastening hinge socket re-enforce
13A&B	2	Center re-enforce drop side
13E&F	4	Outer re-enforce drop side
14G	4	Chain plate re-enforcement
14C	4	Chain link pin re-enforcement
12A	1	Drop side tie rod
12B	1	Drop side tie rod collar
For 12B	1	Drop side tie rod pin

Property classification: Class. IV, Div. 9.

ARTILLERY SUPPLY BODY NOMENCLATURE—(Continued).

Part No.	No. per body.	Part name.
		DROP SIDE—Continued.
R13E	1	Outer re-enforce boss (right)
L13F	1	Outer re-enforce boss (left)
GB4P	8	Drop side hinge female
9H	8	Chest stop
14F	4	Drop side chain comp. link, including end
LB9N	4	Drop side chain clevis
R13E	2	Outer re-enforce clip lock (right)
L13F	2	Outer re-enforce clip lock (left)
14B&A	4	Nuts for chain link pin
14B&A	4	Nuts for chain link pin
GB4P	8	Drop side hinge, female
GB4Q	8	Drop side hinge pin
14K	2	Chain link, front
14H	2	Chain link, rear
14A&14B	4	Chain link pin
19A	1	Canvas supt. bracket front
		FLOOR.
15M	6	Spare wheel fastening hinge spring plate
9H&K	4	Floor re-enforce
4P	2	False floor support
4M	2	Chest wearing strip No. 1
4Q	4	Chest wearing spring No. 2
4K	2	Chest wearing strip No. 3
CMK	1	Chest handle complete
	1	Truck floor complete
	1	False floor
	6	Taper plate No. 1
	24	Taper washer, ⅜″ bolt
	6	Taper washer, ½″ bolt
		FLOOR BOXES.
	8	Floor box door angle
	1	Floor box cross angle
R8GL8H	2	Floor box rear re-enforce
R8E	2	Floor box front re-enforce (right and left)
L8F	2	Floor box front re-enforce (right and left)
8C&D	2	Front box end (right and left)
8A&B	2	Front box bottom re-enforce L's (right and left)
8K&L	2	Rear box end (right and left)
8M&N	2	Rear box bottom re-enforce L's (left and right)
9A	1	Front box bottom
9B	1	Rear box bottom
9G	4	Floor box door
9N&P	8	Floor box door guide (right and left)
CII4E	4	Door handle
11M	4	Oil can bar bracket
11L	4	Oil can bar staple
9C	2	Lock bar No. 1
9D	2	Lock bar No. 2
		FLOOR FRAME.
6C	1	Cross channel re-enforce
R7S	1	Hinge support angle (right)
L7T	1	Hinge support angle (left)
6A	1	Cross channel No. 1
6E	1	Cross channel No. 2
6G	1	Cross channel No. 3
6B	1	Cross channel No. 4
6F	1	Cross channel No. 5
7A	1	Longitudinal tee-center
7E&F	2	Longitudinal tee outer
R7M-L7N	2	Draft sill No. 1
R7U-L7W	2	Draft sill No. 2
R7X-L7Z	2	Draft sill No. 3
R7B-L7C	2	Corner re-enforce No. 1
R7P-L7Q	8	Corner re-enforce No. 2
7R	2	Hinge support filler
7D	2	Spare wheel bracket support
10A	4	Gusset plate No. 1
10B	4	Gusset plate No. 2
10D	2	Splice plate No. 1
10C	2	Splice plate No. 2
GB4F	6	Drop side hinge, male, No. 1
	2	Drop side hinge, male, No. 2

ARTILLERY SUPPLY BODY NOMENCLATURE—(Continued).

Part No.	No. per body.	Part name.
		NUTS.
	20	¾" S.A.E. hexagon head
	3	⅜" square
	8	½" hexagon head
	12	½" hexagon
	2	½" for B.H. bolts
	2	¾" hexagon head, steel
	4	½" hexagon
	4	½" crown steel
		RIVETS.
		Button head, iron.
	140	¼"x ⅝"
	78	¼"x ¾"
	16	¼"x1 1/16"
	62	¼"x ⅞"
	8	¼"x 1"
	28	5/16"x ⅝"
	50	5/16"x ½"
	22	5/16"x 7/16"
	6	5/16"x ⅜"
	16	⅜"x ⅝"
	12	⅜"x ⅞"
	6	⅜"x 1⅛"
	4	⅜"x ¾"
	2	⅜"x1 ¼"
	27	7/16"x1 ¼"
	8	7/16"x1 1/8"
	62	7/16"x 1"
	89	7/16"x ⅞"
	4	7/16"x 1"
	73	9/16"x ¾"
	29	9/16"x ⅞"
	16	9/16"x 1⅛"
	16	9/16"x 1"
	8	⅝"x1 ¼"
	2	⅝"x 1"
	10	⅝"x1 ¼"
	110	¼"x ⅝"
	16	¼"x1 1/16"
	8	¼"x 7/16"
	78	¼"x ¾"
	62	¼"x ⅞"
	45	9/16"x ½"
	22	9/16"x ⅞"
	3	9/16"x ⅝"
	10	9/16"x ⅞"
	14	9/16"x ¾"
	16	⅜"x ⅝"
	12	⅜"x ⅞"
	228	¼"x ⅝"
	78	¼"x ¾"
	16	¼"x 1"
	62	¼"x ⅞"
	24	9/16"x ⅝"
	22	9/16"x 7/16"
	16	⅝"x ⅝"
	12	⅞"x1 ⅛"
	4	11/16"x 1¼"
	2	11/16"x ½"
	8	11/16"x ⅜"
	22	⅝"x1 ¾"
	4	⅞"x2 ¼"
	4	11/16"x1 ½"
	16	11/16"x1 ⅜"
	22	¾"x1 ⅞"
	52	¼"x1 1/8"
	188	13/16"x ⅝"
	44	13/16"x ½"
	230	13/16"x 9/16"
	506	13/16"x ⅝"
	12	13/16"x 11/16"
	18	13/16"x ⅞"
	10	13/16"x ⅝"
	420	13/16"x 1"
	78	13/16"x1 ⅛"
	8	13/16"x1 ¼"
	8	13/16"x1 ½"
	4	13/16"x1 ¾"

Property classification: Class. IV, Div. 9.

ARTILLERY SUPPLY BODY NOMENCLATURE—(Continued).

Part No.	No. per body.	Part name.
		RIVETS—*Button Head, Iron*—Continued.
	12	5/8"x 3/4"
	4	5/8"x 7/8"
	14	5/8"x 1"
	71	5/8"x1 1/4"
	178	5/8"x1 3/8"
	26	5/8"x1 1/2"
	18	5/8"x1 7/8"
	16	1/4"x 5/8"
	119	1/4"x 5/8"
	86	1/4"x 3/4"
	40	1/4"x 7/8"
	106	1/8"x 7/16" countersunk head, brass
	12	1/4"x 5/8" countersunk head, iron
	1	7/16"x 5/8" countersunk head
		SCREWS.
	44	1 1/2" No. 10 iron-wood screws, flat head, com
	20	1/2"x2 3/4" countersink head machine screws
	4	1/2"x 3" countersink head machine screws
	6	3/4" No. 12 flat head wood screws, bright
	6	1/2"x 3" flat head machine screws
	4	5/8"x2/34" flat head machine screws
	16	3/8"x1 1/2" flat head machine screws
	12	1/4"x 1/2" flat head machine screws
	1	2" No. 10 flat head bright wood screw
	4	1" No. 10 flat head bright wood screws
	20	5/8" No. 8 wood screws, flat head
	10	3/4" No. 8 wood screws, flat head
		SPARE WHEEL FASTENINGS.
7L	2	Spare wheel bracket
22D	6	Spare wheel fastening bolts
22B	6	Spare wheel fastening studs
22E1	2	Spare wheel fastening hinge socket, lower
22C1	4	Spare wheel fastening hinge socket, upper
22A	6	Spare wheel fastening bar
22F	4	Spare wheel fastening hook
22G	4	Spare wheel fastening spring
Type A	8	Spare wheel fastening pin
22H	4	Spare wheel fastening clamp
7G	2	Spare wheel bracket brace
7AA	2	Spare wheel bracket brace
HB36G	10	Spare wheel fast clip
15G	6	Spare wheel fast clasps
15B	6	Spare wheel fast pin
18F	6	Upper wheel fast rivet
HB36C1	10	Spare wheel fast nut
	2	Hex crown nuts
15P	4	Steel pins
15H	4	Spring hinge
15L	4	Spring hinge filler
	2	Cotter pin
		SUPPORT PLATE.
11A	1	Support plate
R11G	1	Vertical support (right)
L11H	1	Vertical support (left)
R13E	2	Outer re-enforce clip lock (right)
L13F	2	Outer re-enforce clip lock (left)
R11E	1	Support plate bracket (right)
L11F	1	Support plate bracket (left)
11K	1	Corner re-enforce piece (right)
11L	1	Corner re-enforce piece (left)
HB36C1	2	Spare wheel fast nut
		TOOL FASTENERS.
HB14H	1	Axe handle bracket
HB14G	1	Axe pocket
HB2F1	1	Hatchet blade bracket
HB12H	2	Hatchet handle bracket
HB2L	1	Hatchet handle rest
HB1B	2	Lantern bracket body
HB1A	2	Lantern bracket bottom
HB1C	4	Lantern bracket strap fasteners
HB12D	1	Pick handle rest

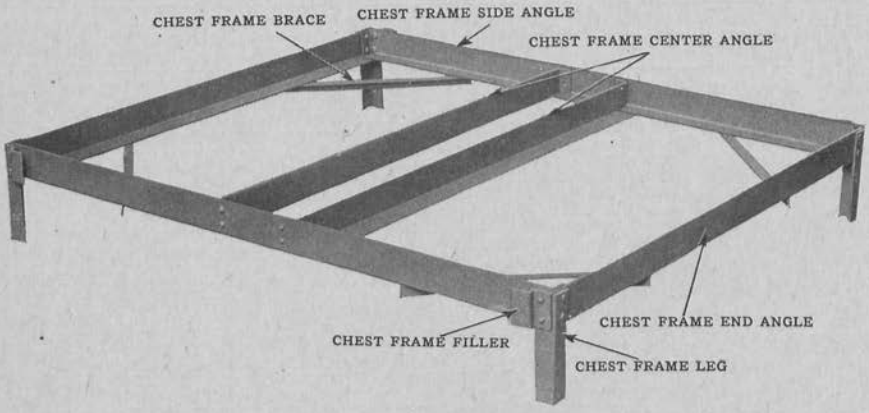
Property classification: Class. IV, Div. 9.

ARTILLERY SUPPLY BODY NOMENCLATURE—(Continued).

Part No.	No. per body.	Part name.	
		TOOL FASTENERS—Continued.	
HB14E	2	Shovel blade support	
HB5A	2	Shovel handle support	
Z114F	19	Hanger eye	
NB1L	11	Strap fastener No. 10	
HB14J	1	Axe handle bracket plate	
HB1C	4	Lantern bracket strap fasteners	
HB9D	1	Bucket holder body	
HB12J	1	Hatchet handle rest	
HB12N	1	Hatchet blade bracket	
11D	1	Pick handle stop	
11B&C	2	Pick head bracket (right and left)	
		WASHERS, LOCK.	
	10	¾"	
	3	⅜"	
	16	9/16"	
	4	½"	
	48	5/16"	
	2	½"	
	12	¼"	
	2	¼"	

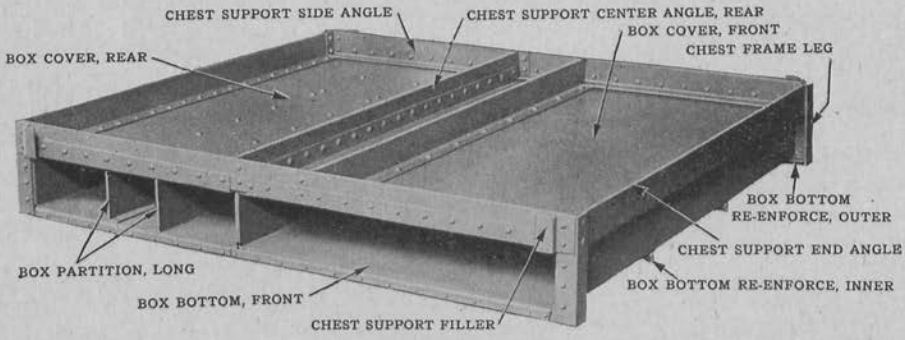
Property classification: Class. IV, Div. 9.

Plate No. 17.



CHEST FRAME WHICH IS USED TO SUPPORT SUPPLY CHESTS IN ALL LOADS EXCEPT LOAD D. A SPARE ARTILLERY WHEEL MAY BE MOUNTED UNDER THIS CHEST FRAME AS SHOWN IN THE FLOOR VIEW ON PAGE 21.

Plate No. 18.



CHEST SUPPORT WITH STOCK BOX USED ONLY IN LOAD D. THIS UNIT SUPPORTS A SUPPLY AND FORGE CHEST AND ALSO CARRIES BAR STOCK, ETC., IN THE COMPARTMENTS SHOWN

CHAPTER III.

CHESTS AND CHESTS' SUPPORT.

CHEST FRAME.

The chest frame is a square frame built up of steel angles and its purpose is to raise the front chests from off the truck floor so as to allow a 51-inch artillery wheel to be carried under the chests. This frame is used on loads A, B, B1, C and E. Two partitions are provided in the frame for supply chests. The inside dimensions of the chest frame are 49.575 inches wide by 55.875 (55⅞) inches long by 2.812 ($2\frac{13}{16}$) inches deep.

The frame consists of two side angles, and two end angles, flanged at the ends and bottom and held together by 0.312 ($\frac{5}{16}$) inch round-head rivets. Two frame center angles 2 by 3 by 0.187 ($\frac{3}{16}$) by 51.437 ($51\frac{7}{16}$) inches are flanged at their ends and bottom and riveted to the frame side angles. These center angles form the partitions and the Supply Chests rest on the bottom flange of the center angles. Each chest compartment is 24 inches wide by 49.575 inches long and a space is left in between the center angles through which the hub of the artillery wheel can project. The corners of the chest are re-enforced by 4 chest frame braces 1 by 1 by 0.125 (⅛) by 19.045 inches, these angles being fastened by 0.312 ($\frac{5}{16}$) inch round-head rivets countersunk on the top side to allow the chests to rest flush on the bottom of frame. The frame itself is held from the floor by four frame leg angles 1.75 (1¾) by 1.75 (1¾) by 0.187 ($\frac{3}{16}$) by 8.75 (8¾) inches, these angles being riveted to the side and end angles by four 0.312 ($\frac{5}{16}$)-inch round-head rivets, the rivets in the end angles being countersunk on the outside.

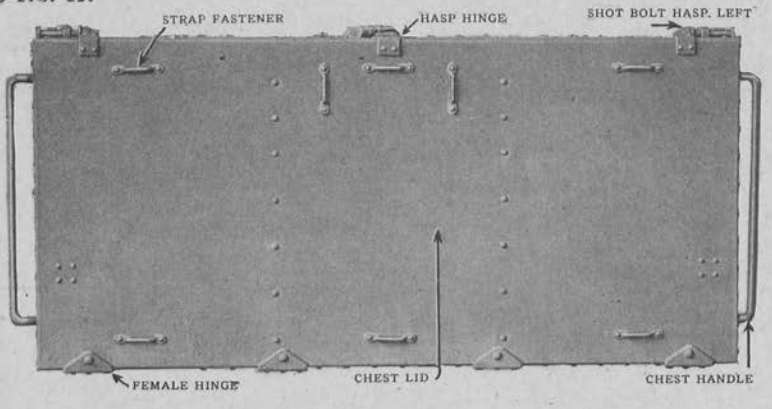
A chest frame filler piece is riveted to each of the four corners of the frame. The filler piece is 3 inches long overall by 0.125 (⅛) inch thick by 2.875 (2⅞) inches wide, having an offset of 0.875 (⅞) inch. The two rivets that fasten the frame leg angles to the frame side angle also hold the filler piece in place.

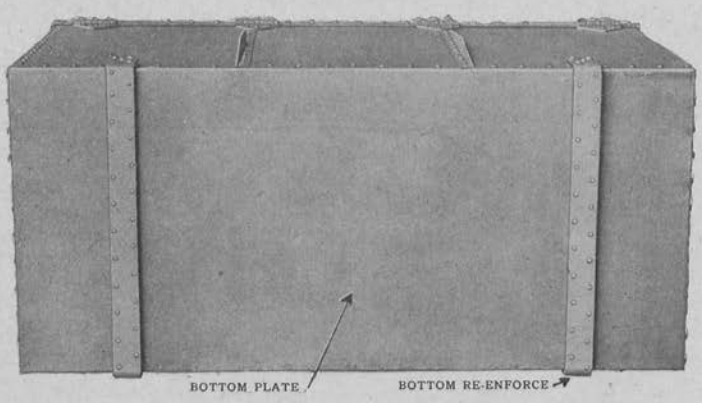
CHEST SUPPORT WITH STOCK BOX.

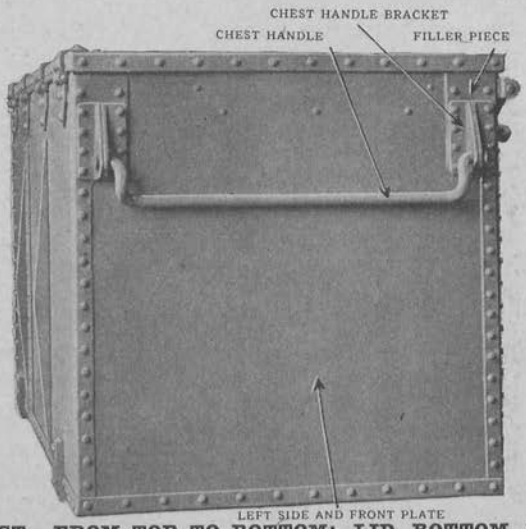
The chest support or Bar Stock Box is used on Load D to carry steel bar stock. For a complete list of stock carried in the various compartments see pages 105 to 110.

The Bar Stock Box has the same general outside dimensions as the chest frame just described, and it differs only by having five metal

Plate No. 19.







SPRING CHEST. FROM TOP TO BOTTOM: LID, BOTTOM, LEFT SIDE

partitions. Three of these partitions are formed by the side flanges of the bottom plates which extend up to the cover plate. The other two partitions are separate, riveted to the rear bottom plate.

The dimensions of the various compartments follow, the depth being the same for all: Large front compartment 30.218 ($30\frac{7}{32}$) inches wide by 49.937 ($49\frac{15}{16}$) inches long by 4.625 ($4\frac{5}{8}$) inches deep; the second compartment from front 9.078 (9 5/64) inches wide by 49.937 ($49\frac{15}{16}$) inches long; third from front, short compartment, 5.471 inches wide by 16.532 inches long; and fourth front, long compartment, 5.471 inches wide by 33.157 inches long; rear compartment 9.078 (9 5/64) inches wide by 49.937 ($49\frac{15}{16}$) inches long. All the partitions, the cover plate and bottom plate are 0.093 inch flange steel commercial.

(For details of construction of the chest support proper see Chest Frame, page 47.)

SPRING CHEST.

The Spring Chest is a rectangular chest of 0.062 ($\frac{1}{16}$)-inch flange steel, commercial, consisting of two main body plates (which form the left side and front, and the right side and rear), a bottom plate, a cover, and the necessary fittings. The chest is of the same general design as the other chests described below, and it is standard on all loads. This chest is provided for the purpose of housing springs and any other spare parts or units of large size. For a detailed list of equipment and tools carried with different loads, see various Loads, pages 77 to 112.

The chest has but one compartment, and is easily accessible through the large chest lid, which swings on four forged steel hinges. Two forged steel side handles furnish means for lifting the chest, and two shot bolts, a hasp and padlock afford the locking devices.

The lid is re-enforced by two lid stay angles which relieve the strain when a load is placed on the chest. These angles also stiffen the top and afford a filler strip for the top hinges.

The bottom plate is strengthened by two bottom re-enforce strips, which extend across and partly up the sides of the chest. The body plates are stiffened by corner angles and two front and rear reinforce angles.

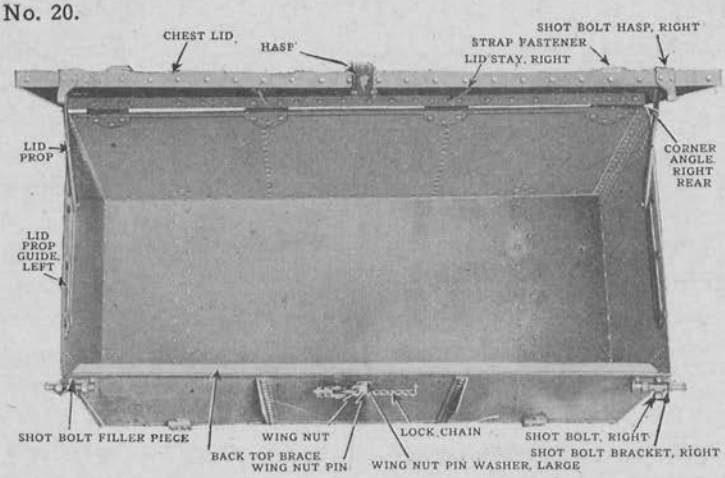
Strap fasteners are riveted to the chest lid, and, if necessary, straps may be fastened about the chest to hold the lid more rigidly.

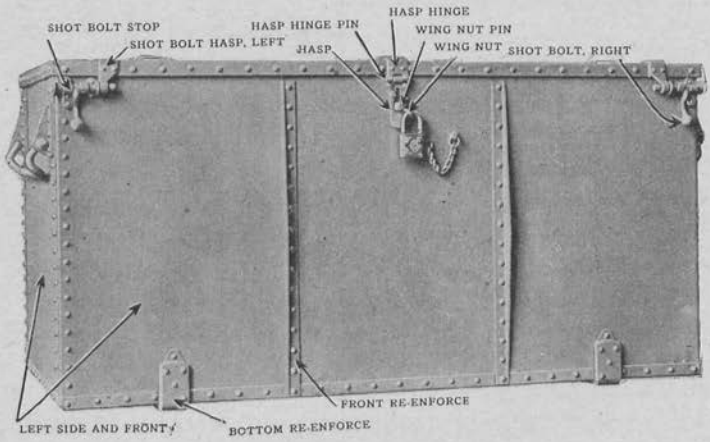
The Spring Chest is 48.546 (48 35/64) inches long by 22.63 inches wide by 23.937 ($23\frac{15}{16}$) inches deep, outside measurements. The capacity is 15.15 cubic feet.

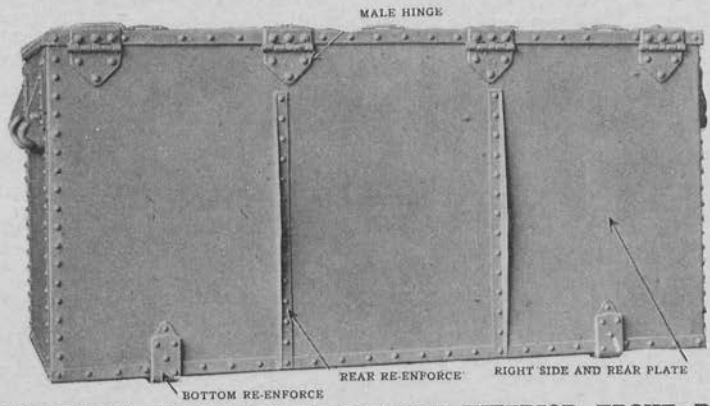
LEFT SIDE AND FRONT.

The left side and front are formed of one piece of 0.062 ($\frac{1}{16}$)-inch flange commercial steel, bent at right angles. The piece is so cut that a flange

Plate No. 20.







SPRING CHEST. FROM TOP TO BOTTOM: INTERIOR, FRONT, REAR

0.893-inch wide is left for the corners and at the upper right corner the flange is 2.83 inches wide by 5.567 inches long, forming a filler strip for the chest handle brackets.

The upper edge of the plate is flanged over and spot welded and riveted to the main plate by 0.203 (13/64)-inch rivets, extra width of flange being allowed under the shot bolt bracket and wing nut pin for additional strength. The dimensions of the plate, not including flange allowance, are 48.546 (48 35/64) inches long by 23.937 ($23\frac{15}{16}$) inches wide.

A corner angle, formed by bending a plate 0.062 ($\frac{1}{16}$)-inch by 24.125 ($24\frac{1}{8}$) inches, is set inside the left front corner as a stiffener, the angle being held in place by 0.25 ($\frac{1}{4}$)-inch round-head rivets spaced 1.333 inches apart.

A filler piece, the same shape as the side flange of the left side and front plate, is riveted to the left front corner, its upper end forming filler for the left chest handle bracket. The filler piece is 0.062 ($\frac{1}{16}$) inch thick by 22.125 ($22\frac{1}{8}$) inches long, the upper part forming the filler strip being 2.75 ($2\frac{3}{4}$) inches wide by 5.625 ($5\frac{5}{8}$) inches long, and the lower part 0.812 ($\frac{13}{16}$) inch wide. The filler piece is fastened to the right side plate by 0.25 ($\frac{1}{4}$)-inch round-head rivets, spaced 1.167 inches apart.

A small corner tie piece 0.875 ($\frac{7}{8}$) by 0.875 ($\frac{7}{8}$) by 1 by 0.062 ($\frac{1}{16}$) inch is riveted to the upper right front corner by 0.203 (13/64)-inch countersunk-head rivets. This piece is used to tie the corner above the chest handle bracket filler. The chest handle brackets, left, are riveted to the left end plate.

To the front plates are riveted the shot bolt brackets, the shot bolt bracket filler pieces, the two front re-enforce angles, and the ends of the bottom re-enforce strips.

RIGHT SIDE AND REAR.

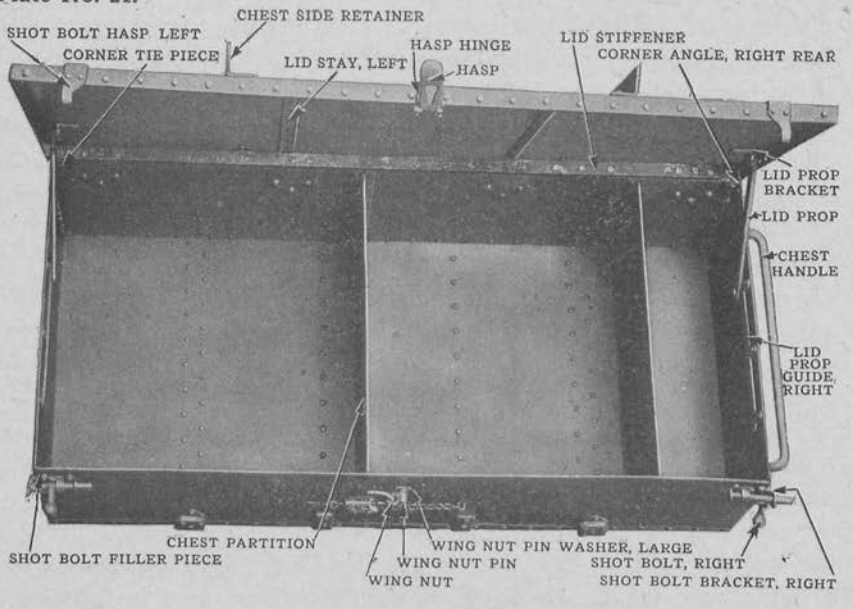
The right side and rear plate is bent in the same manner as the left side and front as described above, and the dimensions are identical, the only difference being in the trimming of the top flange which is cut to form filler pieces for the male hinges. The flange is riveted to the plate as above described, and the side flange and corner angles are identical with those of the left side and front.

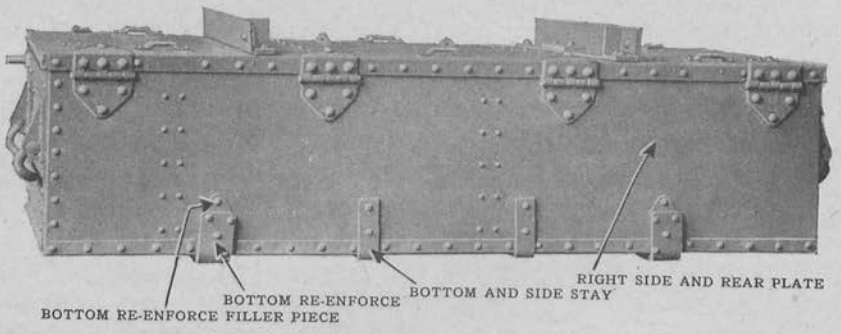
The rear re-enforce angles differ only in length from the front re-enforce angles, being 22.625 ($22\frac{5}{8}$) inches long, while the front angles are 19.75 ($19\frac{3}{4}$) inches long.

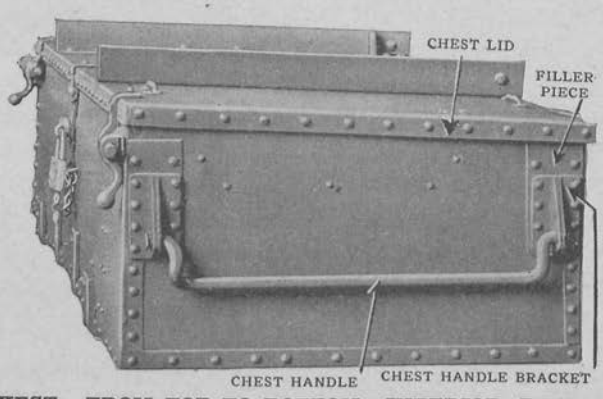
The male hinge brackets are riveted to the rear plate where the flange is trimmed to form filler for these brackets.

The other end of the bottom re-enforce strip, which extends around the bottom and partly up the front and rear sides, and the rear

Plate No. 21.







SUPPLY CHEST. FROM TOP TO BOTTOM: INTERIOR, REAR, RIGHT SIDE

re-enforce angles, described above, are riveted to the rear plate. The chest handle brackets right and left are riveted to the upper right and left ends, respectively, of the right side plate.

BOTTOM PLATE.

The bottom plate is formed of one piece of 0.062 ($\frac{1}{16}$) by 24.448 by 50.265 (50 17/64) inches (outside dimensions) flange steel commercial The edges are flanged up 1 inch and riveted to the left side and front plate, and to the right side and rear plate by 0.25 (¼)-inch round-head rivets, spaced 1.976 inches apart.

Two bottom re-enforce strips 0.437 ($\frac{7}{16}$) by 2 by 29.5 (29½) inches strengthen the bottom and are riveted by 1.25 (1¼) countersunk head rivets, set staggered. These re-enforce strips extend 3.5 (3½) inches up the front and rear body plates of the box and are held there by five 0.25 (¼)-inch round-head rivets through bottom re-enforce filler pieces.

CHEST LID.

The chest lid is made in exactly the same manner as the bottom plate, but the overall dimensions of the lid are greater to allow for a forged-steel lid stiffener strip 1 by 143.812 ($143\frac{13}{16}$) by 0.125 (⅛) inch, which is riveted to the inside of the lid flange. The overall dimensions of the lid are 50.953 (50 61/64) by 25.187 ($25\frac{3}{16}$) by 0.062 ($\frac{1}{16}$) inch. The corners are welded together, making a tight cover.

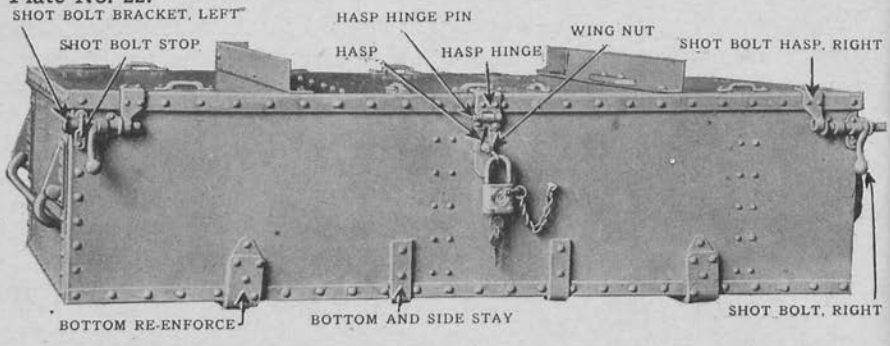
The lid is stiffened by two lid stays right and left, spaced so as to form a stiffener for the two center female hinges. These lid stays are angles 1 by 1 by 0.125 (⅛) by 21.75 (21¾) inches, and are riveted to the chest lid by 0.25 (¼)-inch rivets spaced 3.3 (3⅓) inches apart. The lid stays are spaced equally from the center line of the chest, being 16 inches apart, extending from front to back of the chest.

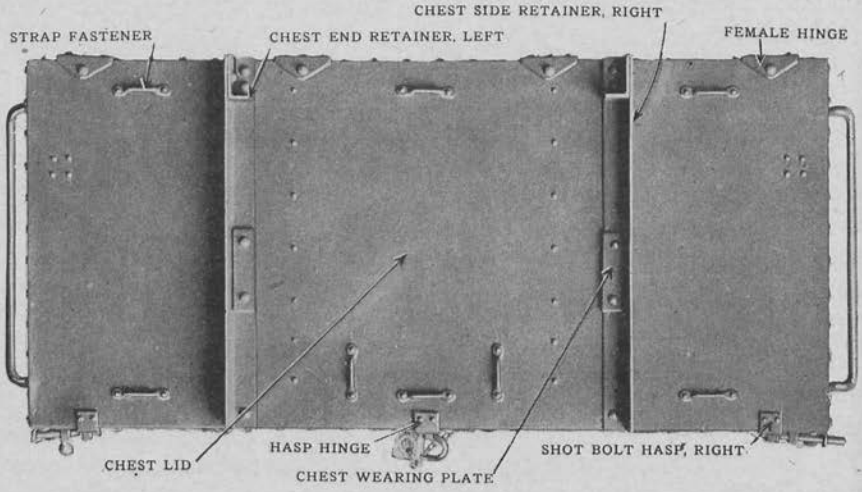
Two shot bolt hasps and a center hasp hinge are riveted by 0.187 ($\frac{3}{16}$)-inch round-head rivets to the front flange and to the top of the chest lid, at the two extreme corners, and the center of the lid respectively.

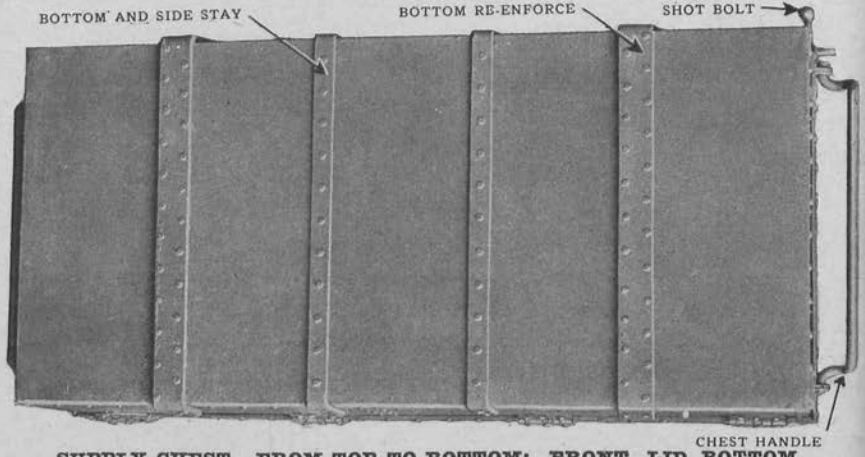
Four pairs of bronze strap fasteners are riveted to the chest lid by 0.25 (¼)-inch round-head rivets. These strap fasteners are arranged so that three straps pass around the chest from front to rear, and the other strap passes around from end to end near the front of the chest.

Two lid prop brackets, one at the right and left ends, and 4.25 (4¼) inches to the rear of the spring chest centerline are riveted by four 0.187 ($\frac{3}{16}$)-inch round-head rivets. The lid prop is fastened to an eye in this bracket and the lower end has a sliding rivet which fits and slides into the lid prop guide, riveted to the end plate. These props hold the chest lid open when the sliding rivet is pushed to the rear into a notch on the lid prop guide.

Plate No. 22.







SUPPLY CHEST. FROM TOP TO BOTTOM: FRONT, LID, BOTTOM

CHEST FITTINGS.

The following fittings are common to all movable steel chests, namely, hinges, shot bolt, shot bolt brackets, hasp, hasp hinge, hasp pin, wing nut, wing nut pin, padlock, lid prop, lid prop bracket, lid prop guide, chest handle brackets and chest handles.

SUPPLY, FORGE AND FLUID CHESTS.

These chests have the same dimensions and are similar in construction, but are designed to contain different equipment. In external appearance there is little difference one from the other, but the partitions and wood packing in each make up the main differences. Each is made of four plates of 0.062 ($\frac{1}{16}$)-inch flange steel riveted together. One plate forms the left side and front, another the right side and rear, and the remaining plates form the hinged lid and bottom.

The chests are suitably re-enforced, and are provided with hasps, shot bolts, handles, lid props, and padlocks. Each has two chest side retainers of angle steel on its lid so that when the chests are in place on the Artillery Supply Truck two support the third.

These chests with different equipment and in various combinations are to be found on the Artillery Supply Truck in each of the six loads, A, B, B 1, C, D, and E. They will be described first as one chest, and then each will be taken up in turn as regarding its equipment and points of dissimilarity.

The chests are 22.875 (22$\frac{7}{8}$) inches wide by 48.637 inches long by 12 inches deep, outside measurements. The capacity is 7.632 cubic feet.

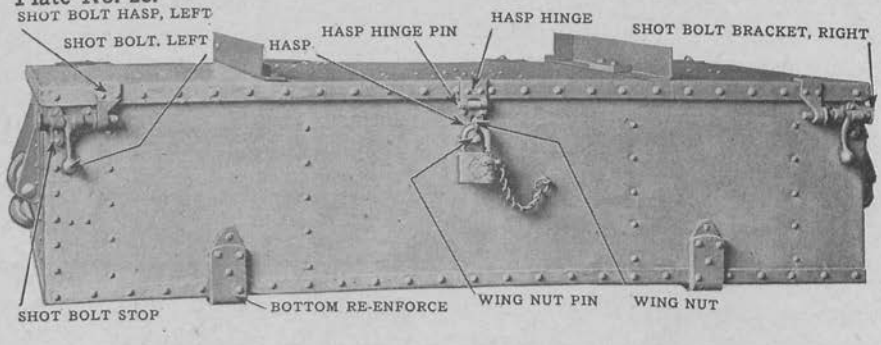
LEFT SIDE AND FRONT.

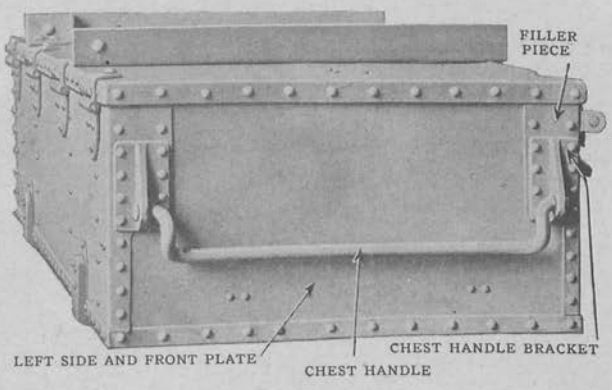
One plate of 0.062 ($\frac{1}{16}$)-inch flange steel is bent at right angles to form the left side and front. A strip 4.375 (4$\frac{3}{8}$) inches wide is doubled over, spot welded and riveted so as to stiffen the upper edge and serve as a filler for the shot bolt brackets and wing nut pin. The strip is trimmed down to a depth of 1 inch between the bracket fillers. Without the flange, the side is 22.875 (22$\frac{7}{8}$) inches long and the front 48.637 inches long, with a depth of 11.937 (11$\frac{15}{16}$) inches.

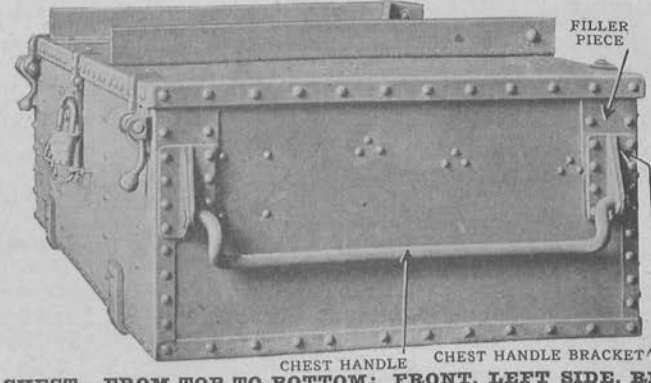
At the right hand corner the front plate is flanged at right angles and riveted to the body plate which forms the right side and rear. The flange is 0.812 ($\frac{13}{16}$) inch wide at the bottom and 2.75 (2$\frac{3}{4}$) inches at the top, the extra width affording filler for the handle bracket Two countersunk-head rivets at this corner hold a corner piece of 0.062 ($\frac{1}{16}$) inch angle steel, 1 inch by 1.75 (1$\frac{3}{4}$) inch on the inside as re-enforcing.

On the left side at the front corner is riveted a filler piece similar in design to the flange just described. This serves as filler for one of

Plate No. 23.

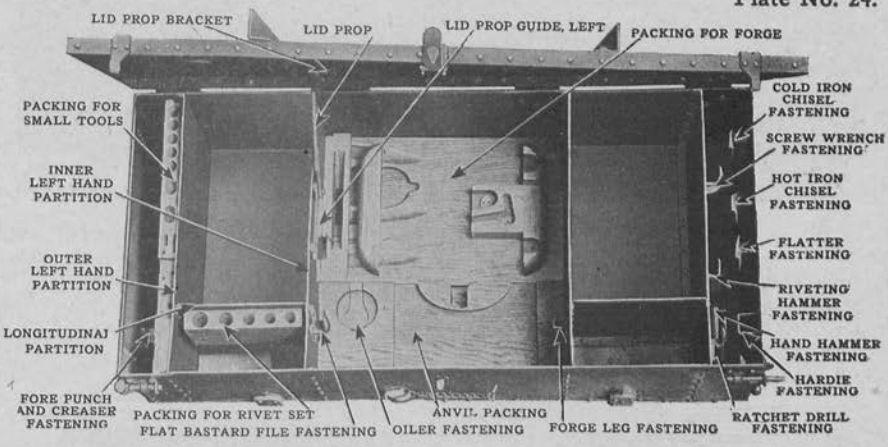


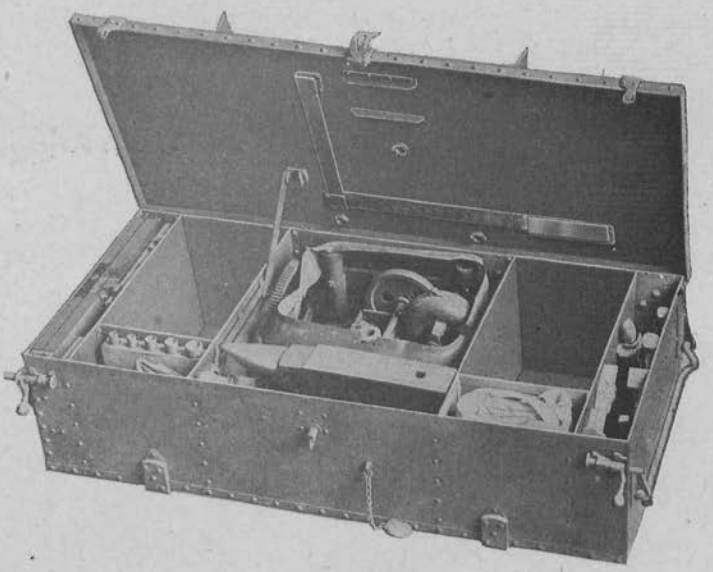




FORGE CHEST. FROM TOP TO BOTTOM: FRONT, LEFT SIDE, RIGHT SIDE

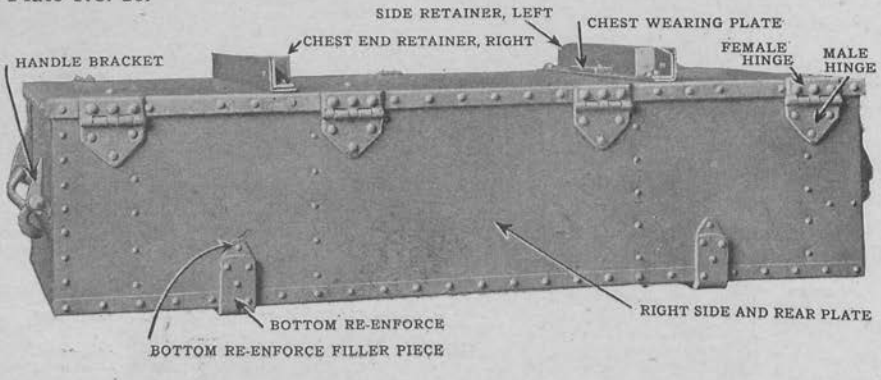
Plate No. 24.

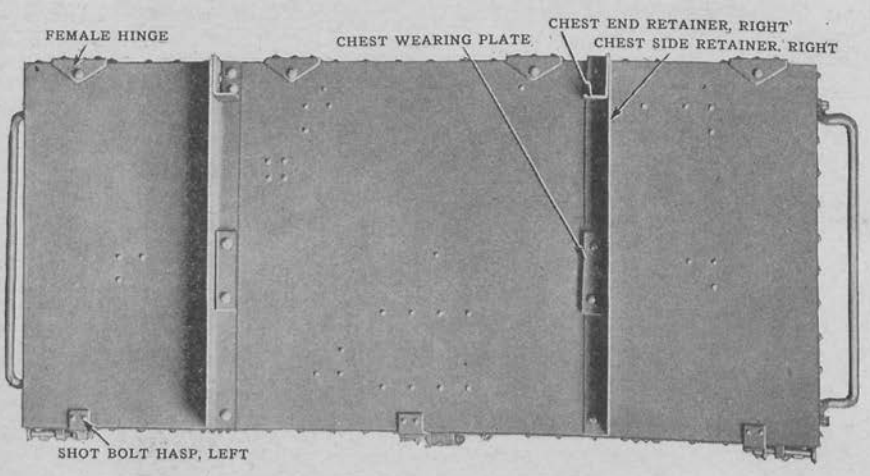


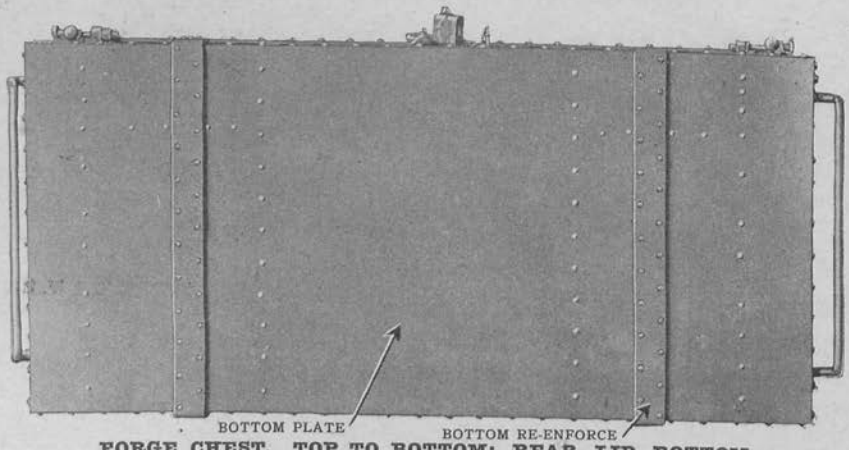


FORGE CHEST. TOP, INTERIOR VIEW EMPTY; BOTTOM, INTERIOR VIEW CONTENTS IN PLACE

Plate No. 25.







FORGE CHEST. TOP TO BOTTOM: REAR, LID, BOTTOM

the handle brackets on this side. A corner angle 1.75 (1¾) inch by 11.937 (11 15/16) inches is set inside the left front corner as re-enforcing. Countersunk-head rivets are spaced about 3 inches apart along the top of side and front, 2 inches along the bottom, and 1 inch along the corners. They are 0.25 (¼)-inch rivets except where rivets of larger or smaller size are required, as for brackets and hinges.

Two bottom re-enforce strips are bent up to a height of 3.5 (3½) inches and riveted to the front plate. They are provided with bottom re-enforce filler pieces to afford a grip for the rivets.

RIGHT SIDE AND REAR.

The body plate forming the right side and rear is of the same design and material as the one just described, and when the top edge is flanged over as a stiffener the dimensions are the same as the opposite body plate. The piece doubled over at the top for re-enforcing is trimmed so as to serve as filler for the four forged-steel hinges that are standard on the Fluid, Supply and Spring chests.

The rear body plate is bent at right angles at the left rear corner as in the case of the body plate previously described, to form a flange which is riveted over the rear end of the left side. The upper part of this flange is of sufficient width to serve as filler for the handle bracket.

A filler piece similar to this flange is riveted to the right side at the rear and also serves as filler for a handle bracket. The four male hingles are riveted to the rear plate, as also are the bottom re-enforce strips which are bent up at right angles.

CHEST LID.

The chest lid consists of one plate of flange steel 0.062 (1/16) inch thick, 25.17 (25 11/64) inches wide and 51.062 (51 1/16) inches long. The ends and sides are flanged at right angles to a depth of 1 inch and the flanges riveted to a lid stiffener of forged steel 0.125 (⅛) inch thick by 1 inch wide by 143.484 (143 31/64) inches.

Along the rear of the lid are riveted the four female hinges, and a shot bolt hasp is riveted to the front flange at each corner. A hasp hinge is riveted at the front center. Two chest side retainers are riveted on top of the lid in a horizontal position so that two chests placed together hold a third chest when the load is in place. The retainer is of angle flange steel 0.125 (⅛) inch thick, 23.25 (23¼) inches long, and the legs 1.5 (1½) inch wide.

The two center rivets hold a chest wearing plate of 0.375 (⅜)-inch steel, 5 inches long and 1.375 (1⅜) inch wide. Near the rear end of the chest side retainers are chest end retainers which prevent the top chest from sliding off. They are of angle steel, 0.187 (3/16) inch thick,

2.781 ($2\frac{25}{32}$) inches long, and 1.375 ($1\frac{3}{8}$) inch wide, and are fastened by two rivets to the bottom leg of the chest side retainer, and by one rivet to the upper leg.

Rivets around the lid flange are 0.25 ($\frac{1}{4}$) inch and are spaced 2 inches apart. On the under side of the lid is a lid prop, two in the case of the Supply Chest.

CHEST BOTTOM.

The bottom is a single plate of 0.062 ($\frac{1}{16}$)-inch flange steel commercial, 24.488 inches wide by 50.265 (50 17/64) inches long. The sides and ends are flanged over to a depth of 0.5 ($\frac{1}{2}$) inch and riveted to the body plates. Two bottom re-enforce strips of 0.437 ($\frac{7}{16}$)-inch flange steel, 2 inches wide by 29.5 ($29\frac{1}{2}$) inches long, are riveted to the bottom by 0.25 ($\frac{1}{4}$)-inch, staggered, countersunk-head rivets.

The ends of the re-enforce strips are bent up at right angles and riveted to the body plates. Rivets around the flange are spaced 2 inches apart, and are 0.25 ($\frac{1}{4}$) inch. In the case of the Supply Chest there are two additional strips of re-enforcing steel on the bottom, consisting of 0.312 ($\frac{5}{16}$)-inch steel, 1.25 ($1\frac{1}{4}$) inch by 29.5 ($29\frac{1}{2}$) inches.

CHEST FITTINGS.

The forged lid hinges supplied on all three chests are fastened by 0.375 ($\frac{3}{8}$)-inch rivets. The male hinge is held by three rivets to the rear body plate, and is 3.5 ($3\frac{1}{2}$) inches wide by 2.875 ($2\frac{7}{8}$) inches. The female hinge is bent at right angles, three rivets passing through the lower leg into the lid flange, and one rivet holding the upper leg to the lid top. The hinge is 3.5 ($3\frac{1}{2}$) inches wide, the lower leg 1.75 ($1\frac{3}{4}$) inch deep and the upper leg 1.625 ($1\frac{5}{8}$) inch. The hinge pin is 0.25 ($\frac{1}{4}$) inch, countersunk and riveted.

SHOT BOLTS.

Two shot bolts are provided on each chest. They are of forged steel, contained in brackets of flange steel 3 inches by 4.25 ($4\frac{1}{4}$) inches. The bracket is fastened by five 0.187 ($\frac{3}{16}$)-inch rivets to the front body plate, two of the rivets holding a shot bolt stop of flange steel, 0.62 ($\frac{5}{8}$) inch wide. The shot bolt inner end enters a hasp which is riveted to the chest lid by four 0.187 ($\frac{3}{16}$)-inch rivets, two on the lid flange and two through the top. A shot bolt filler piece of 0.135-inch steel is set beneath the bracket for re-enforcing.

CHEST LOCKS.

The chest is locked by means of a padlock and a forged steel hasp which slips over a wing nut. The hasp is 1.25 ($1\frac{1}{4}$) inch wide and 3.812 ($3\frac{13}{16}$) inches long, and is hung from the lid by a hasp hinge of

forged steel bent at right angles to fit over the flanged edge of the lid. The hinge is 1.5 (1½) inch wide, the lower leg 2.093 ($2\frac{3}{32}$) inches deep, and the upper leg 1.375 (1⅜) inch deep. It is held by four 0.187 ($\frac{3}{16}$)-inch rivets. The hasp hinge pin is 0.25 (¼) inch diameter.

A wing nut of bronze 1.75 (1¾) inch long is mounted on a wing nut pin of forged steel set through the body plate and riveted on both ends, a wing nut pin washer of steel being set back of the wing nut. The wing nut has a small forged-steel washer in front, and the wing has an opening for a 0.4 (2/5)-inch padlock shackle. The padlock is the standard 2-inch lock No. 850, and is attached by a 4.5 (4½)-inch No. 3 chain. The chain is fastened to the body plate by a rivet 0.25 (¼) inch by 1.5 (1½) inch, and to the padlock by a clevis of 0.065-inch steel. The two end rings are welded after the chain, lock and rivet are assembled. An eye flange on the inside of the front plate provides filler for the chain rivet.

LID PROP.

The lid prop is of 0.25 (¼)-inch steel 1 by 11.5 (11½) inches, and is riveted to a lid prop bracket on the upper end, the lower end containing a lid prop sliding rivet which moves in a lid prop guide. The rivets are 0.375 (⅜) inch. The bracket is of steel 1.7 by 1.5 (1½) inch, fastened by four 0.187 ($1\frac{3}{16}$)-inch rivets. In the Fluid Chest the bracket is fastened at the extreme left of the lid; in the Forge Chest about 18 inches toward the center; and in the Supply Chest there are two lid props, one at each side.

The lid prop guide is fastened to the left side of the Fluid Chest, to the left and right sides of the Supply Chest, and to the inner left partition in the Forge Chest. Eight rivets 0.187 ($\frac{3}{16}$) inch in diameter are used. The guide has a notch at the rear end to hold the prop when the lid is opened. It is of flange steel 0.125 (⅛) inch thick, 13.237 inches long and 3.3 (3⅓) inches wide.

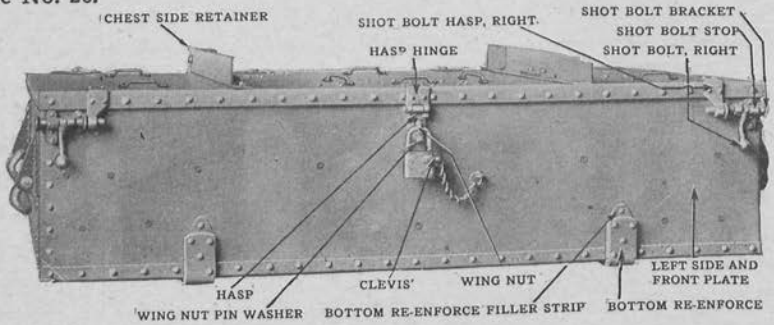
CHEST HANDLES.

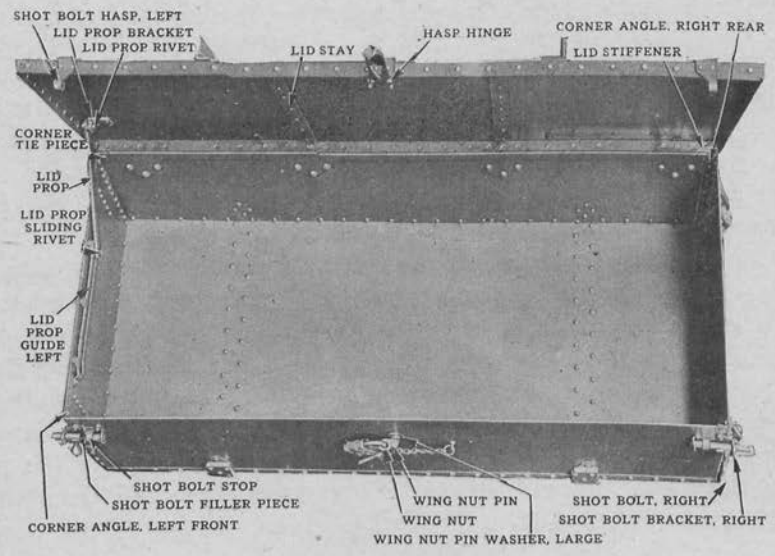
Each chest is provided with two round handles of 0.625 (⅝)-inch flange steel commercial, 22 inches long. They are retained in two handle brackets each, riveted to the side plates by eight 0.25 (¼)-inch rivets. The ends of the chest handles are riveted, and the handle is bent out at each end at right angles so that it can rotate in the brackets. The brackets are each made by two pieces of angle steel, 1.25 (1¼) by 1.25 (1¼) by 0.187 ($\frac{3}{16}$) inch. At the left front and right rear corners the brackets are re-enforced with filler pieces, and on the other corners the body plate flanges serve as filler.

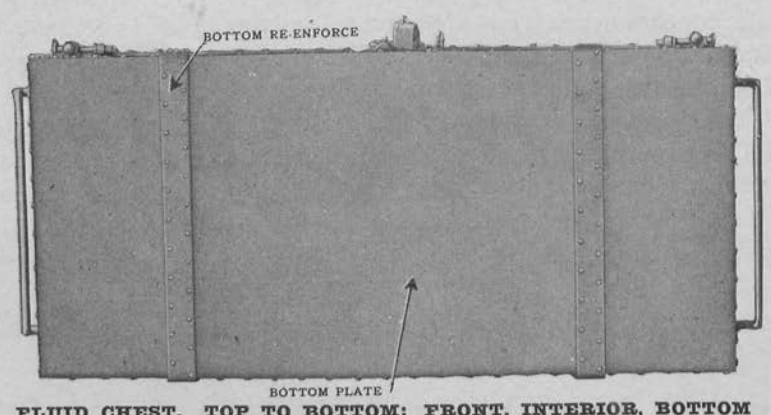
SUPPLY CHEST DETAILS.

In addition to the details which already have been described in common with those of the Forge and Fluid chests, the Supply Chest

Plate No. 26.







FLUID CHEST. TOP TO BOTTOM: FRONT, INTERIOR, BOTTOM

has extra re-enforcing on the lid and bottom, and is fitted with two metal partitions.

The lid has two stays of angle steel, each 1 by 1 by 0.125 (⅛) inch by 21.75 (21¾) inches, fastened by seven 0.187 ($\frac{3}{16}$)-inch rivets to the lid. The end of each stay is flanged and used as filler for one of the 0.375 (⅜)-inch hinge rivets. Instead of two bottom re-enforce strips, the Supply Chest has four. The extra ones are between the others, and are of 0.312 ($\frac{5}{16}$)-inch steel, 1.25 (1¼) by 29.5 (29½) inches. The ends are bent up at right angles so that the strips serve as both bottom and side stays. They are held by 0.25 (¼)-inch rivets with heads countersunk.

As previously pointed out, the Supply Chest has two lid props, while the Forge and Fluid chests have but one each. The Supply Chest has two partitions of 0.062 ($\frac{1}{16}$)-inch flange steel commercial, 13.875 (13⅞) by 22.5 (22½) inches. Top and bottom edges of these partitions are flanged over 0.93 ($\frac{15}{16}$) inch. The partitions are held in place by two partition guides on each end, also of 0.062 ($\frac{1}{16}$)-inch flange steel, 1.125 (1⅛) by 11 inches. The guides are flanged over at each end to a depth of 0.5 (½) inch and the lips spot welded. They are held by six 0.187 ($\frac{3}{16}$)-inch rivets each.

Eight No. 10 bronze strap fasteners are provided for the leather straps supplied for holding the chest in place. Each is fastened by two 0.187 ($\frac{3}{16}$)-inch rivets, and has an opening for a strap 1.25 (1¼) inch wide. For contents of the Supply Chests on the various loads see pages 67 to 72.

FORGE CHEST DETAILS.

Besides the details of construction already described as applying to the Supply, Forge and Fluid chests, the Forge Chest requires some detailed description of its partitions and the special packing for its equipment. The Forge Chest is supplied as a part of the Load D only, and is intended to be carried on the front of the chest support, facing the rear of the truck.

As already pointed out, the lid prop in the case of this chest is located about 18 inches from the left side and the lid prop guide is riveted to the inner left hand partition.

The forge chest has four horizontal and two longitudinal partitions of 0.062 ($\frac{1}{16}$)-inch flange steel. The horizontal partitions are 24 inches long by 13.625 (13⅝) inches deep, and are flanged on three sides to a depth of 0.75 (¾) inch. The flanges are riveted to the body plates and bottom by 0.25 (¼)-inch rivets.

The two outer partitions, known as the outer left and outer right hand partitions, divide off compartments 3.033 inches wide. The space

between these partitions and the inner left and right hand partitions is 11 inches in each case, leaving a space 19.374 inches wide for the center compartment. In the extreme left hand compartment is a strip of white pine packing for small tools. It is 1.375 (1⅜) inch wide by 22.35 inches long by 10.875 (10⅞) inches deep.

Between the outer and inner left hand partitions is a longitudinal partition of 0.062 ($\frac{1}{16}$)-inch steel, spaced 4.5 (4½) inches from the front side. It is riveted through flanges to the two horizontal partitions. A similar longitudinal partition is located between the outer and inner right hand partitions.

In the small longitudinal compartment at the left is a packing for rivet sets. It is of hard maple with a rivet set packing strap of 0.125 (⅛)-inch flange steel on the under side. The packing is 9.125 (9⅛) inches by 5.05 inches by 1.55 inch. In the large center compartment is an oak packing for the anvil, 19.875 (19⅞) inches by 9.125 (9⅛) inches by 3.125 (3⅛) inches, and a forge packing of white pine. An oiler fastening of spring brass, 1.05 inch by 3.4 inches, is screwed to the anvil packing. All packing is fastened to the steel partitions by 0.75 (¾)-inch No. 8 wood screws, excepting the anvil and forge packing.

TOOL FASTENINGS.

In the outer compartments of the forge chest and on the under side of the lid, fastenings are provided for a number of tools which make up part of the equipment. A wooden tap and die case which fits in the outer left compartment rests on two aluminum alloy fastenings riveted to the front and rear body plates. Beneath the tap and die case are two aluminum fasteners riveted to the left side plate by 0.187 ($\frac{3}{16}$) inch rivets. These hold a fore punch and creaser.

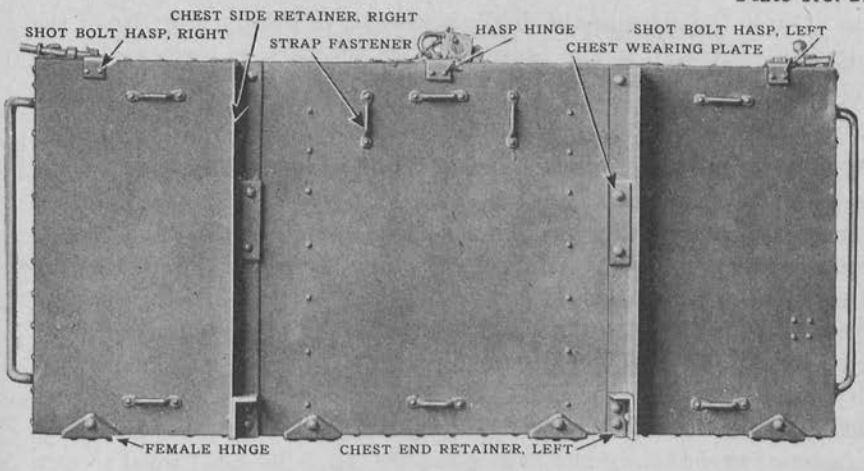
In the outer right compartment are aluminum fasteners for a ratchet drill, screw wrench, hand hammer, flatter, hot and cold iron chisels, riveting hammer, and hardie. These are held to the right body plate and to the outer right hand partition by 0.187 ($\frac{3}{16}$)-inch rivets.

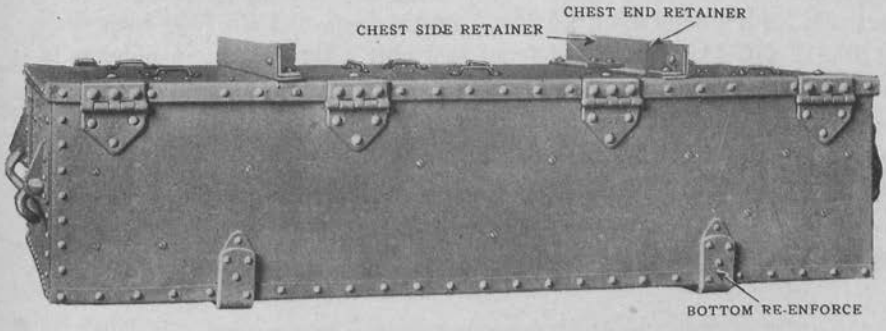
On the inside of the inner left hand partition is a fastener for a flat bastard file, and on the opposite partition of the center compartment are two fasteners for the forge legs.

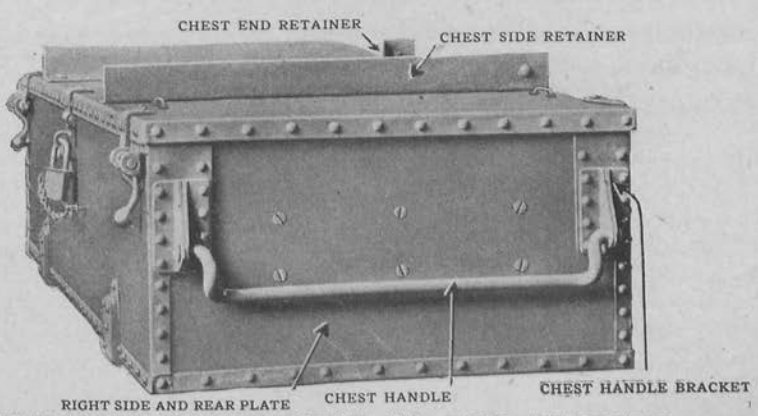
On the under side of the chest lid are three circular fasteners for the portable forge. They are of aluminum alloy and are fastened by one 0.187 ($\frac{3}{16}$)-inch rivet each. Three fastenings of similar material are provided for a square.

Just behind the hasp hinge on the lid on the under side are two steel strips of anvil packing, 1.875 (1⅞) by 7.25 (7¼) inches, flanged and held by four 0.187 ($\frac{3}{16}$)-inch rivets each. When the chest lid is down

Plate No. 27.







FLUID CHEST. TOP TO BOTTOM: LID, REAR, RIGHT SIDE

these fit-over the sides of the anvil, holding it in place. For list of the equipment contained in the forge chest on the various loads see pages 67 to 72.

FLUID CHEST DETAILS.

Absence of metal partitions marks the Fluid Chest as different from the Forge and Supply chests. Like the Supply Chest the lid is re-enforced by two stays riveted to the under side, and there are only two bottom re-enforce strips as on the Forge Chest. The lid prop is located at the left side of the chest.

Instead of metal partitions, Fluid Chests A, B and C have four strips of white pine, 21.375 (21⅜) inches long by 8.5 (8½) inches deep by 0.5 (½) inch wide. Three are spaced 8.843 ($8\frac{27}{32}$) inches apart, and the outer right hand partition is 8.781 ($8\frac{25}{32}$) inches from the right side. They are fastened to the lining and body plates by No. 8 flat head wood screws.

In addition to the partitions, the Fluid Chest has a lining of white pine at the front and rear, and on the right side and bottom. Partitions and lining are held together by finishing nails.

Fluid Chest D, intended for use only on Load D, has an extra partition located 3.75 (3¾) inches from the left side, and a small longitudinal partition 5.467 inches long, 8.5 (8½) inches deep, and 0.5 (½) inch wide set 10.812 ($10\frac{13}{16}$) inches from front and rear. Its ends fit in notches in the first and second partitions from the left side.

The Fluid Chest has eight No. 10 bronze strap fasteners on the lid, arranged in pairs. They are riveted by two 0.187 ($\frac{3}{16}$) inch rivets each, and permit the chest lid to be securely fastened by means of leather straps.

For list of the equipment carried in the Fluid Chest on the various loads see pages 77 to 81.

CONTENTS OF CHESTS.

The tabulations which follow give the various articles that usually are placed in the various chests. The grouping, as here given, is substantially that used in packing the chests, but it may be found more advantageous to pack the chests in a slightly different way, especially so in the case of the Spring Chest and the Supply Chest. In some chests there is an interior arrangement to accommodate definite equipment as, for example, in the Forge Chest, while in others, there is simply one compartment into which any number and shape of articles may be placed.

For a complete list with parts numbers of contents of all chests for all loads, see special load chapters, pages 77 to 112.

CONTENTS OF CHESTS—LOAD A.

(For detail list of all equipment, Load A, with parts numbers, see pages 77 to 81.)

CONTENTS OF ONE SUPPLY CHEST.

This chest contains spare parts for guns, gun carriages, caissons and limbers.

CONTENTS OF ONE SUPPLY CHEST.

Bolos.
Bolo scabbards.
Varnish brushes.
High-tension cable.
Leather, bridle, back.
Leather, collar, back.
Leather, latigo, side.
Leather, harness, back.
Magneto.
Wire cutting pliers.
Spark plugs.
Friction tape.
Rubber tape.
Copper wire No. 16 gauge.
Soft steel wire No. 16 gauge.

CONTENTS OF FLUID CHEST "A."

Varnish brushes.
Paint brushes.
Lubricating oil.
Recoil cylinder oil.
Camouflage paint.
Kerosene.
Stencil paste.

CONTENTS OF SPRING CHEST.

This chest will contain spare parts for guns and gun carriages.

CONTENTS OF BENCH CHEST.

NOTE: The Bench Chest contains five wooden chests and a saddler's tool kit, as indicated by dark-face type following.

CHEST FOR DUPLEX CHAIN BLOCKS, CONTAINING:

Duplex chain block, Y and T, 2 ton.

GRINDSTONE CHEST, CONTAINING:

Grindstone with frame complete.
Grindstone spanner wrench.

CARPENTER'S CHEST WITH TOOLS COMPLETE, CONTAINING:

Bench axe.
Canvas bags for small store.
8-inch bevel.
Auger bits.
Expansion bit.
Screw driver bits.
Wood countersink bit.
Ratchet brace.
Socket chisels, framing sizes.
Divider.
Twist drills.
File.
Saw files.
Marking gauge.
Socket firmer gauges.
Claw hammer.
File handles.
Tool handle, containing 10 tools.
Knife.
Mallet.
Nail set.
Oiler.
Oil stone, unmounted.
Pincers.
Jack plane.
Smoothing plane.
Auger handle plate.
Wood rasp.
Half round reamer.
Boxwood rule.
Cross-cut saw.
Rip saw.
Saw set.
Screw driver.
Spoke shave.
Steel square.
Linen tape.
Table vise.
Screw wrench.

CONTENTS OF CHESTS—LOAD A (Continued).

CHEST FOR CLEANING MATERIALS AND SMALL STORES, CONTAINING:

Sash brushes.
Camel's hair brushes.
Lantern burners.
Chamois skins.
Crocus cloth.
Emery cloth.
Lantern globes.
Leather dressing, russet.
Leather marking outfit.
Clock oil.
Raw linseed oil.
Petrolatum.
Sal soda.
Seal stamp.
Stencil outfit.
Stencil plate, Ordnance Department Insignia.
Sand paper.
Lantern wicks.

MISCELLANEOUS CHEST, CONTAINING:

Chest for testing level.
Testing level, complete.
Oil box.
Light slushing oil.
Sperm oil.
Neatsfoot oil.
Olive drab paint.
Japan drier.
Cosmic.

SADDLER'S SHEEPSKIN KIT COMPLETE WITH TOOLS CONTAINING:

Harness awl blades.
Pegging awl.
Seat awl.
Canvas bag for small stores.
Pricking carriage.
Compass.
Double creaser.
Edge tools.
Extra blades with followers for draw gauge.
Draw gauge, without guard.
Peg awl handle with wrench.
Riveting hammer.
Patent awl hafts, with wrench.
Round knife.
Splitting knife.
Leather needle case.
Glover's needles.
Harness needles.
Sacking needles.
Cutting nippers.
Oil stone, unmounted.
Pliers.
Round punches, assorted.
Revolving punch, 4 tubes.
Rivet set.
Boxwood rule.
Leather sewing palm.
Steel slicker.
Bent trimmer's shears.
Shoe knife, broad point.
Shoe knife, square point.
Stitching clamp.
Screw driver.
Claw tool.
Aluminum lined thimbles.

CONTENTS OF FLOOR BOXES.

Axe handles.
Hatchet handles.
Pick axe handles.
Shovel handles, short.
Sledge handles.
Sponges.
White cotton waste.

CARRIED WHERE MOST EXPEDIENT.

Crowbar.
Manilla rope.
Rivets and burrs, brass.
Shovel handle, long.
Harness awl blades, assorted.
Patent awl hafts, with wrench.
Tongueless bar ouckles, brass.
Roller bar buckles, bronze.
Roller buckles, bronze.
Satchel buckles, bronze.
Wire buckles, brass.
Buttons with washers.
Cotton duck, olive drab.
End clips, brass.
Carr durable fastening.
Side strap wheel hook.
Mill's military fastening.
Glover's needles.
Harness needles.
Manilla hemp rope.
Wood screws, brass.
Sheepskins with wool on.
Copper tacks.
Aluminum lined thimble.
Carpet thread, olive drab.
Shoe thread, brown.
Stitching wax, brown, winter.
Heavy cotton webbing, olive drab.
Sledge.
Snatch block.
Castile soap.
Tackle block.
Water bucket, galvanized steel.
Leather straps.

CONTENTS OF CHESTS—LOAD B.

(For detail list of all equipment, Load B, with parts numbers, see pages 83 to 93.)

CONTENTS OF SUPPLY CHESTS (2) AND SPRING CHEST.
Spare parts for F. W. D., 3-ton truck chassis.

CONTENTS OF FLUID CHEST "B."
Cup grease.
Transmission oil.
Gasoline engine oil, medium.

CONTENTS OF FLOOR BOXES.
White cotton waste.

CONTENTS OF BENCH CHEST.

NOTE: In addition to material in bulk, the Bench Chest contains the chest indicated below by dark-face type.

CHEST FOR DUPLEX CHAIN BLOCK, CONTAINING:
Chain block, Duplex Y and T, 2-ton.

CONTENTS OF CHESTS—LOAD B-1.

(For detail list of all equipment, Load B-1, with parts numbers, see pages 95 to 101.)

CONTENTS OF FLUID CHEST "B."
Cup grease.
Transmission oil.
Gasoline engine oil, medium.

CONTENTS OF SUPPLY CHESTS (2) AND SPRING CHEST.
Spare parts for Nash 2-ton truck chassis.

CONTENTS OF BENCH CHEST.

NOTE: In addition to material in bulk, the Bench Chest contains the chest indicated below by dark-face type.

CHEST FOR DUPLEX CHAIN BLOCK, CONTAINING:
Chain block, Duplex Y and T. 2-ton.
CONTENTS OF FLOOR BOXES.
White cotton waste.

CONTENTS OF CHESTS—LOAD C.

(For detail list of all equipment, Load C, with parts numbers, see pages 103 and 104.)

CONTENTS OF SUPPLY CHEST (2) AND SPRING CHEST.
These chests contain spare and reserve parts for guns and gun carriages.

CONTENTS OF FLUID CHEST "C."
Paint brushes.
Camouflage paint.

CONTENTS OF BENCH CHEST.

NOTE: In addition to material in bulk, the Bench Chest contains the chest indicated below and on next page by dark-faced type.

CARPENTER'S CHEST WITH TOOLS COMPLETE, CONTAINING:

Bench axe.
Canvas bags for small stores.
8-inch bevel.
Auger bits.
Expansive bit.
Screw driver bits.
Wood countersink bit.
Ratchet brace.
Socket framing chisels.
Divider.
Twist drills.
File.
Saw files.
Marking gauge.
Socket firmer gauges.
Claw hammer.
File handles.
Tool handle, containing 10 tools.
Knife.
Mallet.
Nail set.
Oiler.
Oil stone, unmounted.
Pincers.
Jack plane.
Smoothing plane.
Auger plate handle.
Wood rasp.
Half round reamer.
Boxwood rule.
Cross-cut saw.
Rip saw.
Saw set.
Screw driver.
Spoke shave.
Steel square.
Linen tape.
Table vise.
Screw wrench.

CONTENTS OF CHESTS—LOAD C (Continued).

SADDLER'S SHEEPSKIN TOOL KIT COMPLETE WITH TOOLS, CONTAINING:

Seat awl, handled.
Pricking carriage.
Compass.
Pegging awl.
Double creaser.
Edge tools.
Extra blades with followers for draw gauge.
Draw gauge, brass, without guard.
Riveting hammer.
Peg awl handle, with wrench.
Patent awl hafts, with wrench.
Round knife.
Splitting knife.
Leather needle case.
Glover's needles.
Harness needles.
Sacking needles.
Cutting nippers.
Oil stone, unmounted.
Pliers.
Round punches, assorted.
Rivet set.
Revolving punch, 4 tubes.
Boxwood rule.
Leather sewing palm.
Steel slicker.
Bent trimmers shears.
Shoe knife, broad point.
Shoe knife, square point.
Stitching clamp.
Screw driver.
Claw tool.
Aluminum lined thimbles.

OPTICAL REPAIR EQUIPMENT CHEST.

OPTICAL INSTRUMENTS SPARE PARTS CHEST.

CLEANING MATERIAL AND SMALL STORES CHEST.

CONTENTS OF CHESTS—LOAD D.

For detal list of all equipment, Load D, with parts numbers, see pages 105 to 110.)

(NOTE—In addition to the regular equipment listed here, this vehicle will carry certain special equipment when it is operating in a Divisional Mobile Repair Shop. For list of special equipment see page 110.)

CONTENTS OF SPRING CHEST.

Bolos.
Bolo scabbards.
Babbitt metal.
Acid bottle.
Roller buckles, bronze.
Wooden acid box.
Lantern burners.
Calcium carbide.
Crocus cloth.
High-tension cable.
Emery cloth.
Carburetor.
Lantern globes.
Magneto.
Muriatic acid.
Copper measure.
Sand paper.
Spark plugs.
Copper wire, No. 16 gauge.
Orange shellac.
Soft steel wire, No. 16 gauge.
Screw extractor, "Ezy Out" set.
Cooper adjustable clamp.
Lantern wicks.

CONTENTS OF SUPPLY CHEST.

This chest will contain spare and reserve parts for guns and gun carriages.

CONTENTS OF BENCH CHEST.

NOTE: The Bench Chest contains the five wooden chests as indicated by dark-face type following.

GRINDSTONE CHEST, CONTAINING:

Grindstone and frame complete, with wrench.

CARPENTER'S CHEST WITH TOOLS COMPLETE, CONTAINING:

Bench axe.
Canvas bags for small stores.
8-inch bevel.
Auger bits.
Expansion bit.
Screw driver bits.
Wood countersink bit.
Ratchet brace.
Socket framing chisels.
Divider.
Twist drills.
File.
Saw files.
Marking gauge.
Claw hammer.
File handles.
Tool handle, containing 10 tools.
Knife.
Mallet.
Nail set.
Oiler.
Oil stone, unmounted.

CONTENTS OF CHESTS—LOAD D (Continued).

Pincers.
Jack plane.
Smoothing plane.
Auger plate handle.
Wood rasp.
Half round reamer.
Socket firmer gauges.
Boxwood rule.
Cross-cut saw.
Rip saw.
Saw set.
Screw driver.
Spoke shave.
Steel square.
Linen tape.
Table vise.
Screw wrench.

CHEST FOR DUPLEX CHAIN BLOCK, CONTAINING:

Chain block, Duplex Y and T, 2-ton.

MISCELLANEOUS CHEST (2).

BOLT AND RIVET CHEST, CONTAINING:

Round-head rivets.
Countersink-head rivets.
Brass rivets, button head.
Stove bolts with nuts, round head.
Machine bolts, square head with square nuts.
Wrought iron washers.

CONTENTS OF FLUID CHEST "D."

Paint brushes.
Varnish brushes.
Sal soda.
Sal ammoniac.
Borax.
Cyanide of potassium.
Japan drier.
Gasoline.
Leather marking outfit.
Metal marking outfit.
Engine oil.
Kerosene.
Sperm oil.
Lard oil.
Pyrene liquid.
Turpentine.
Camouflage paint.
Olive drab paint.
Stencil paste.
Seal stamp.
Stencil outfit.
Stencil plate, Ordnance Department Insignia.
Friction tape.
Rubber tape.

CONTENTS OF FORGE CHEST.

Fore punch and creaser.
Hot iron chisel.
Fire shovel.
Fire rake.
Screw wrench.
Flat bastard file.
Nail punch.
Tongs.
Round punch.
Pritchel.
Cold chisel.
Portable forge.
Cold iron chisel.
Riveting hammer.
Hand hammer.
File handle.
Oiler.
Rule.
Hardie
Square.
Screw plate, taps and dies, with tap wrench.
Ratchet drill.
Drills.
Anvil.
Forge legs.
Aprons.
Canvas bags.
Flatter.
Round punch.
Square punch.
Forge gear wheel.
Rivet sets.
Bar-bronze for bushings.

CONTENTS OF FLOOR BOXES.

Pickaxe handles.
Axe handles.
Long handled shovel handles.
Short handled shovel handles.
Hatchet handles.
Pick mattock handles.
White cotton waste.

CONTENTS OF CHESTS—LOAD D (Continued).

CONTENTS OF STOCK BOX.

Forged steel, round.
Forged steel, flat.
Cold rolled steel, round.
Cold rolled steel, square.
Cold rolled steel, hexagon.
Brass rod, round, half hard.
Flange steel.
Tool steel, round.
Tool steel, square.
Tool steel, flat.
Wrought iron pipe.
Malleable iron elbows.

CARRIED WHERE MOST EXPEDIENT.

Crowbar.
Sledge.
Manilla rope.
Water buckets, galvanized steel.
Bag, containing coal for forge.

CONTENTS OF CHESTS—LOAD E.

(For detail list of all equipment, Load E, with parts numbers, see page 112.)

(NOTE—In the following chests, and wherever most expedient, will be carried tools and accessories pertaining to heavy guns and Howitzer materiel, heavy spare parts (assembly) for motor vehicles and supplies in bulk, such as large cans of grease, drums of oil, etc., varying according to the requirements of the organizations to which the truck belongs.)

CONTENTS OF SUPPLY CHEST (3).

(See note above.)

CONTENTS OF SPRING CHEST.

(See note above.)

CONTENTS OF BENCH CHEST.

(See note above.)

NOMENCLATURE OF CHESTS.

Part No.	No. per chest.	Part name.
		CHEST FRAME.
16A	2	Chest frame side angle
16C	2	Chest frame center angle
16B	2	Chest frame end angle
R16F	2	Chest frame leg (right and left)
L16G	2	Chest frame leg (right and left)
16D	4	Chest frame brace (right and left)
16E	4	Chest frame filler
		CHEST SUPPORT WITH STOCK BOX.
31B	1	Box bottom (front)
31A	1	Box partition (long)
33A	1	Box partition (short)
32K	1	Box cover (front)
32G	2	Box cover (rear)
33B	2	Box bottom (rear)
30A, 30B	2	Chest support side angle (right and left)
30C	2	Chest support end angle
30D	1	Chest support center angle (rear)
30E	1	Chest support center angle (front)
31C	4	Box bottom re-enforce, rest
32A, 32B	2	Box bottom re-enforce (outer)
32C	2	Box bottom re-enforce (inner)
32L	4	Short support filler
32E, 32F	4	Chest support leg
32H	4	Filler
		FLUID CHEST.
37B	1	Left side and front
37A	1	Right side and rear
38C	1	Chest lid
38A	1	Chest bottom
C148C	2	Corner tie pieces
	1	Lid stiffener
C16R&S	2	Shot bolt brackets (right and left)
C16L	1	Lid prop guide (left)
C16G	2	Shot bolt stop
CA7C	2	Filler piece
CA13F	4	Bolt re-enforce piece
C16A	2	Shot bolt filler piece
CA7A	1	Corner angle (left rear)
CA7B	1	Corner angle (right front)
C16J	1	Lid prop
CA7G	2	Bottom re-enforce
CA7E	2	Chest handles
	2	Lid stay
CA7D	8	Handle brackets
CA13B	1	Chest side retainer (right hand)
CA13C	1	Chest side retainer (left hand)
CA13D	1	Chest end retainer (right hand)
CA13E	1	Chest end retainer (left hand)
CA13A	2	Chest wearing plate
C16M1	1	Lid prop bracket
C16C	1	Hasp hinge
C16E	1	Shot bolt hasp (right hand)
C16F	1	Shot bolt hasp (left hand)
C16Y1	4	Lid hinge male
C16GA	4	Lid hinge female
C16Q1	1	Hasp
C16N	1	Shot bolt (right hand)
C16P	1	Shot bolt (left hand)
C16B2	1	Wing nut pin
C16H2	1	Lid prop rivet
C16U1	4	Lid hinge pin
C16CA	1	Hasp hinge pin
C16DA1	1	Lid prop sliding rivet
JB1Q	1	Wing nut
JB1R	1	Wing nut pin washer
NB1L	8	Strap fasteners No. 10
		Padlocks

Property classification: Class. IV, Div. 9.

NOMENCLATURE OF CHESTS (Continued).

Part No.	No. per chest.	Part name.
		Fluid chest—Continued.
		Chain
		Rivet
C148D	4	Bottom re-enforce filler piece
8F	1	Chest end filler strip (right)
46A,B&C	1	Packing details
39D	1	Packing details
		FORGE CHEST.
HB21B	1	Ratchet drill fastening No. 1
HB21A	1	Ratchet drill fastening No. 2
HB21C	1	Forge leg fastening No. 1
HB21D	1	Forge leg fastening No. 2
HB21E	1	Screw wrench fastening No. 1
HB21F	1	Screw wrench fastening No. 2
HB21L	1	Fore punch and creaser
HB21K	1	Hand hammer fastening
HB21K	1	Flatter fastening
C16M1	1	Lid prop bracket
C16C	1	Hasp hinge
C16E	1	Shot bolt hasp (right hand)
C16F	1	Shot bolt hasp (left hand)
C16Y1	4	Lid hinge, male
C16GA	4	Lid hinge, female
C16Q1	1	Hasp
C16N	1	Shot bolt (right hand)
C16P	1	Shot bolt (left hand)
C16BA	1	Wing nut pin
C16H2	1	Lid prop rivet
C16U1	4	Lid hinge pin
C16CA	1	Hasp hinge pin
C16DA1	1	Lid prop sliding rivet
JB1Q	1	Wing nut
JB1R	1	Wing nut pin washer
HB21H	1	Chisel hot iron fasteners
HB21G	1	Chisel cold iron fasteners
HB21P	1	Flat bastard file fasteners
HB21Q	1	Taps and dies fasteners, No. 1
HB21R	1	Taps and dies fasteners, No. 2
HB21S1	3	Square fasteners, No. 1
HB21T1	1	Square fasteners, No. 2
HB21U1	1	Square fasteners, No. 3
HB21V	1	Riveting hammer fasteners
HB21Z	1	Forge gear wheel fasteners
HB21BA	3	Portable forge fasteners
HB21Y	1	Hardie fasteners
C148E	1	Oiler fastening
HB22B	1	Anvil packing (dipped in linseed oil and turpentine)
HB22C2	1	Packing for small tools
HB22G	1	Packing for forge
HB22H2	1	Packing for rivet sets
C114D	8	Door handle washer
C16FA	1	Wing nut pin washer
	1	Special square head bolt
	1	Special square head nut
	1	Carriage bolt
	1	Commercial thumb nut
	1	Commercial washer
C16V1	1	Eye flange
CA7E	2	Chest handle
	1	Lock chain and rivet
4B	1	Left side and front
4A	1	Right side and rear
5A	1	Bottom
5G	1	Lid
EB33A	1	Outer L. H. partition
EB33B	1	Inner L. H. partition
EB33E	1	Inner R. H. partition
EB33G	1	Outer R. H. partition
EB33C	1	Longitudinal partition (right)
EB33D	1	Longitudinal partition (left)
CA7A	1	Corner angle (left front)
CA7B	1	Corner angle (right rear)
CA7C	2	Filler piece
C14PC	2	Corner tie piece
5B	1	Lid stiffener
C16R&S	2	Shot bolt bracket (right and left)

NOMENCLATURE OF CHESTS (Continued).

Part No.	No. per chest.	Part name.
		Forge chest—Continued.
5E&5F	2	Shot bolt bracket (right and left)
HB22F	1	Rivet set packing strap
C16G	4	Shot bolt stop
C148D	4	Chest rail filler piece
C16A	2	Shot bolt filler piece
C114E	2	Door handle
C16J	1	Lid prop
CA7G	2	Bottom re-enforce
CA7E	2	Chest handle
CA7D	4	Handle bracket
C148G	2	Anvil fastening
HB21AX	1	Forge gear wheel fastening, No. 2
CA13B	1	Chest side retainer (right)
CA13C	1	Chest side retainer (left)
CA13D	1	Chest end retainer (right)
CA13E	1	Chest end retainer (left)
CA13A	2	Chest wearing plate
		SPRING CHEST.
C16M1	2	Lid prop bracket
C16C	1	Hasp hinge
C16E	1	Shot bolt hasp (right hand)
C16F	1	Shot bolt hasp (left hand)
C16Y1	4	Lid hinge male
C16GA	4	Lid hinge female
C16Q1	1	Hasp
C16N	1	Shot bolt (right hand)
C16P	1	Shot bolt (left hand)
C16BA	1	Wing nut pin
C16H2	2	Lid prop rivet
C16U1	4	Lid hinge pin
C16CA	1	Hasp hinge pin
C16DA1	2	Lid prop sliding rivet
JB1Q	1	Wing nut
JB1R	1	Wing nut pin washer
C16FA	1	Wing nut pin washer
C16VI	1	Eye flange
CA7E	2	Chest handle
	1	Lock chain and rivet No. 3
NB1L	8	Strap fasteners No. 10
CA6E	1	Chest lid
15A	1	Bottom
16A	1	Left side and front
16B	1	Right side and rear
15F	1	Corner angle (right rear)
15E	1	Corner angle (left front)
C148C	2	Corner tie piece
CA6F	1	Lid stiffener
C16R&S	2	Shot bolt bracket (right and left)
C16K	1	Lid prop guide (right)
C16L	1	Lid prop guide (left)
C16G	2	Shot bolt stop
C148D	4	Bottom re-enforce filler piece
15D	2	Filler piece
C16J	2	Lid prop
CA7G	2	Bottom re-enforce
CA7E	2	Chest handle
CA7D	4	Handle bracket
15B	2	Front re-enforce
15C	2	Rear re-enforce
AB14A	1	Lid stay (right)
AB14B	1	Lid stay (left)
CA7D	8	Handle bracket
AB14C	1	Back top brace
		SUPPLY CHEST.
C16M1	2	Lid prop bracket
C16C	1	Hasp hinge
C16E	1	Shot bolt hasp (right hand)
C16F	1	Shot bolt hasp (left hand)
C16Y1	4	Lid hinge male
C16GA	4	Lid hinge female
C16Q1	1	Hasp
C16N	1	Shot bolt (right hand)
C16P	1	Shot bolt (left hand)

Property classification: Class. IV, Div. 9.

NOMENCLATURE OF CHESTS (Continued).

Part No.	No. per chest.	Part name.	
		Supply chest—Continued.	
C16BA	1	Wing nut pin	
C16H2	2	Lid prop rivet	
C16U1	4	Lid hinge pin	
C16CA	1	Hasp hinge pin	
C16DAI	2	Lid prop sliding rivet	
JBIQ	1	Wing nut	
JBIR	1	Wing nut pin washer	
C16FA	1	Wing nut pin washer (large)	
C16VI	1	Eye flange	
CA7E	2	Chest handle	
No. 3 Chain	1	Lock chain and rivet	
NBIL	8	Strap fasteners No. 10	
12A	1	Left side and front	
12B	1	Right side and rear	
CA6E	1	Chest lid	
CA6A	1	Bottom	
CA16	2	Chest partition	
C148C	2	Corner tie piece	
CA6F	1	Lid stiffener	
C16R&S	2	Shot bolt bracket (right and left)	
C16K	1	Lid prop guide (right)	
C16L	1	Lid prop guide (left)	
C16G	2	Shot bolt stop	
CA7C	2	Filler piece	
C148D	4	Bottom re-enforce filler piece	
C6B	4	Chest partition guide (right)	
C6C	4	Chest partition guide (left)	
CA7A	1	Corner angle (left rear)	
CA7B	1	Corner angle (right front)	
CA7F	2	Bottom and side stay	
C16J	2	Lid prop	
CA7G	2	Bottom re-enforce	
CA7E	2	Chest handle	
CA7D	4	Handle bracket	
AB14A	1	Lid stay (right)	
AB14B	1	Lid stay (left)	
CA7D	8	Handle bracket	
CA13B	1	Chest side retainer (right)	
CA13C	1	Chest side retainer (left)	
CA13D	1	Chest end retainer (right)	
CA13E	1	Chest end retainer (left)	
CA13A	2	Chest wearing plate	

Property classification: Class. IV, Div. 9.

CHAPTER IV.

LOAD A.

Consisting of:

1 Spring Chest
2 Supply Chests
1 Fluid Chest A
1 Bench Chest
2 Floor Boxes

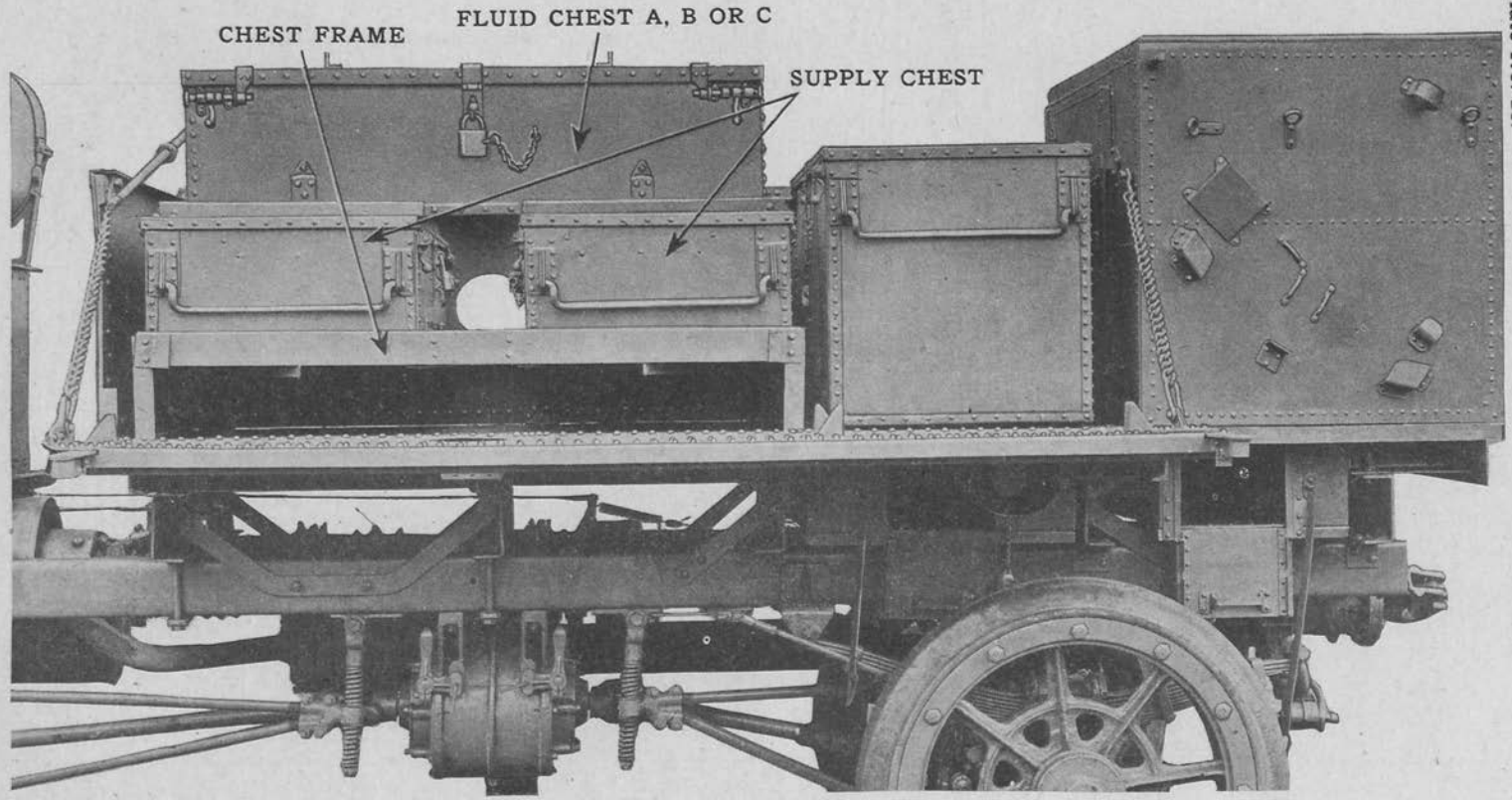
BENCH CHEST CONTAINS:

1 Grindstone Chest
1 Miscellaneous Chest
1 Carpenter's Chest
1 Cleaning Material and Small Stores Chest
1 Chest for Duplex Chain Block (2-ton)
1 Chest for Testing Level
1 Oil Box
1 Saddler's Tool Kit

NOTE: The following items, listed in alphabetical order, are contained in the various chests of this load. For any individual chest's contents see page 67.

Part No.	No. per body.	Part name.
	1	Awl, pegging
	1	Awl, seat, handled
U57A	1	Axe, bench, 7" blade
	2	Bags, canvas for small stores
	1	Bevel, 8" rosewood handle, flush lever
	6	Bits, auger, sizes ¼", ½", ¾", 1", 1¼", 1½"
	1	Bit, expansion, two cutters, ⅞" to 3"
	3	Bits, screwdriver, sizes ⅜", ⅝" and ¾"
	1	Bit, wood, countersink, 0.625"
	1	Brace, ratchet, 10" sweep
	12	Blades, awl, harness, assorted No. 43-48 incl.
	2	Blades, draw gauge with followers
	6	Blades, awl, harness, assorted No. 43-48 incl.
	1	Block, snatch for 1¼" rope
U115B	1	Block, tackle, double, 8"
	2	Buckets, water, galv. steel
	1	Box, oil
U80E1	1	Block, Duplex chain, Y&T, 2-ton (The above chain block and chest will be carried only in 75 M.M. field gun, 4.7" gun and 155 M.M. Howitzer batteries)
	20	Bolos, model 1917
1FG	2	Boxes, for stencil paste
	2	Brushes, varnish No. 6-0
	4	Brushes, paint, 4" flat (commercial)
	1	Brush, varnish No. 4-0
	1	Brushes, varnish, No. 5-0
	3	Brushes, sash, No. 3
	3	Brushes, sash, No. 5
	1	Brush, camels hair
	2	Burners, lantern
	10	Buckles, bar, tongueless, ⅝", brass
	15	Buckles, bar, tongueless, 1", brass
	10	Buckles, roller bar, ⅝", bronze
	50	Buckles, roller, 1¼", bronze
	20	Buckles, satchel, ⅜", bronze
	25	Buckles, wire, ¾", brass
	10	Buttons, style No. 1, with washers
	5	Cans, one-gallon capacity (To contain light slushing oil.)
	20	Cans, 2½-gal. capacity 1 will contain kerosene 6 will contain lubricating oil *6 will contain recoil cylinder oil 2 will contain camouflage paint, black 2 will contain camouflage paint, cream 2 will contain camouflage paint, green 2 will contain camouflage paint, yellow *When truck is assigned for service with 6" Newton Stokes Trench Mortar Batteries these cans will contain: (1) cup grease, (1) transmission lubricant, (4) engine oil.

Property classification: Class. IV, Div. 9.



LEFT SIDE OF ARTILLERY SUPPLY BODY DROP SIDES DOWN TO SHOW LOAD. THIS COMBINATION EXTERIORLY REPRESENTS ANY LOAD EXCEPT D AND E

LOAD A (Continued).

Part No.	No. Carried.	Part name.
	6	Cans, ½-gallon capacity 1 contains cosmic No. 80, soft 1 contains japan drier 1 contains neatsfoot oil 1 contains standard O.D. paint 1 contains special quick drying O.D. paint 1 contains sperm oil
		Cosmic, No. 80 soft, ½ gal.
	25	Cable, high tension, Packard S.A.E. ignition, feet
	2	Crowbar, 60"
	25	Clips, end, ⅝", brass
	5	Clips, end, 1", brass
	25	Clips, end, 1½", brass
	1	Chest, spring
	2	Chests, supply
	1	Chest, grindstone
	1	Chest, miscellaneous
	1	Carriage, pricking, 3 wheels
	1	Compass, 6"
	1	Creaser, double, lignum vitae
	1	Clamp, stitching
	1	Chest, carpenter's
	1	Chest, for cleaning material and small stores
96A1	1	Chest, for Duplex chain block (2-ton)
	1	Chest, fluid "A"
	1	Chest, for testing level
	3	Chisels, socket, framing, sizes 0.75", 1" and 1.5"
	3	Cans, 1-gal. capacity, for sal soda
	2	Chamois skins
	1	Cloth, crocus, quire
	1	Cloth, emery, No. 0, quire
	1	Cloth, emery, No. 00, quire
	1	Cloth, emery, No. ½, quire
	1	Divider, wing, 10"
	4	Drills, twist, sizes 0.187" (3/16"), 0.218" (7/32"), 0.25" (¼"), 0.281" (9/32")
	1	Dressing, leather, russet, box
	23	Duck, cotton olive drab 22" No. 1, yds
		Drier, japan, ½ gal
	10	Fastening, Carr durable, male and female
	10	Fastening, Mills military
U69U	1	File, flat bastard, double cut, 10"
	6	Files, saw, sizes 4" and 6"
	1	Gauge, marking
	2	Gauges, socket, firmer, sizes 0.5" and 1"
	1	Gauge, draw, brass without guard
U8F	2	Globes, lantern
	1	Grindstone, with frame complete
	1	Hammer, claw, adze eye, bell face, 1 lb., 4 oz
	2	Handles, file, aluminum
	1	Handle, tool, containing 10 tools
	1	Handle, peg awl, with wrench
	1	Hammer, No. 3, riveting
	2	Haft, patent awl, with wrench
	4	Handles, axe
	4	Handles, hatchet
	4	Handles, pickaxe
	3	Handles, shovel, short
U53B	2	Handles, sledge, model 1907
	2	Handles, shovel, long
	1	Haft, patent awl, with wrench
	2	Hook, side strap wheel
		Kerosene, 2½ gallons
	1	Knife, drawing, 9" blade
	1	Knife, round
	1	Knife, splitting 6"
	1	Knife, shoe, broad point
	1	Knife, shoe, square point
	1	Leather, bridle, back
	1	Leather, collar, back
	1	Leather, latigo, side
	1	Leather, harness, back
	1	Level, testing complete
	1	Magneto, Eisemann G-4, second edition complete with impulse starter clockwise (for Nash truck)
		OR
	1	Magneto, Eisemann G-4, second edition complete with impulse starter, counter-clockwise (for F.W.D. truck)

Property classification: Class. IV, Div. 9.

LOAD A (Continued).

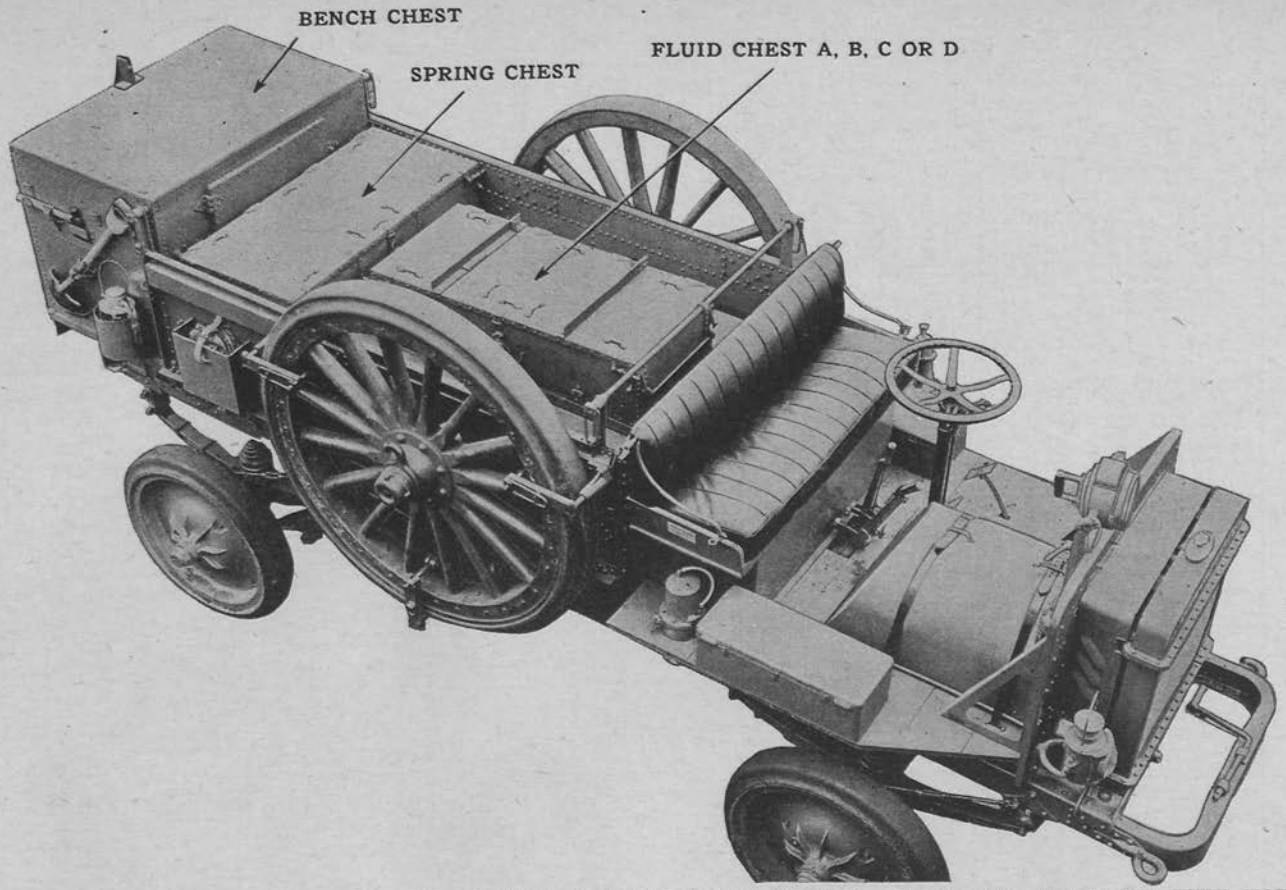
Part No.	No. Carried.	Part name.
	1	Mallet
	1	Nail set
	1	Needles, glovers, No. 3, papers
	1	Needles, harness, No. 4, papers
	1	Needles, harness, No. 5, papers
	1	Needles, harness, No. 6, papers
	2	Needles, harness, No. 6, papers
	12	Needles, sacking, assorted
	1	Nippers, cutting 10"
	1	Needlecase, leather
	1	Needles, glovers, No. 3, paper
	2	Needles, harness, No. 4, paper
	2	Needles, harness, No. 5, paper
	1	Outfit, marking, leather
	1	Outfit, marking, metal
	1	Outfit, stencil
	1	Oil, clock, 1 ounce bottle
	1	Oil, raw linseed, 1 pint can
		Oil, neatsfoot, ½ gal
		Oil, sperm, ½ gal
		Oil, light slushing, 5 gals
		Oil, lubricating, 15 gallons
		*Oil, recoil cylinder, 15 gallons
		*When truck is assigned for service with 6" Newton Stokes Trench Mortar Batteries, recoil cylinder oil will be replaced by the following:
		Grease, cup, medium, 2½ gal
		Lubricant, transmission, 2½ gal
		Oil, medium, gasoline engine, 10 gal
U130B	1	Oiler
	1	Oilstone, unmounted
	1	Paint, camouflage, black, 2½ gallons
		Paint, camouflage, cream, 5 gallons
		Paint, camouflage, green, 5 gallons
		Paint, camouflage, yellow, 5 gallons
K		Paste, stencil, black, 5 oz
		Paste, stencil, white, 5 oz
		Paint, standard O.D., ½ gal
		Paint, special quick drying, O.D., ½ gal
		Petrolatum (in tin box) 5½ ounces
	1	Pincers, small, 8"
	1	Plane, jack, wood, 16", 2¼" double bit
	1	Plane, smoothing, wood, 8", 2" double bit
U177C	1	Plate, auger handle
	1	Pliers, 6"
	4	Punches, hand, round, Nos. 5, 7, 8 and 10
	1	Punch, revolving, 4 tubes, Nos. 4, 5, 6 and 7
	1	Palm, sewing, leather
	1	Plate, stencil, Ord. Dept. Insignia
U234A	6	Pliers, wire cutting, 8"
	24	Plugs, spark, ⅞", S.A.E. Std. "Titan"
	1	Rule, boxwood, 2 ft., 4 fold
U69T	1	Rasp, wood, 10", half round
	1	Reamer, half round
U130A	1	Rule, boxwood, 2 ft., 4 fold
U115C	1	Rope, manila, 1" dia., 150 ft. long
		Rope, manila, ⅜" dia., hemp, 100 ft
		Rivets and burrs, brass, 0.5", No. 10, 1 lb
		Rivets and burrs, brass, 0.625", No. 10, 1 lb
		Sal soda, 20 pounds
	1	Sandpaper, No. 00, 1 quire
	1	Sandpaper, No. 2½, 1 quire
	1	Seal stamps (in stencil box)
	1	Saw, crosscut, 24", 7 point
	1	Saw, rip, 24", 5 point
	1	Set, saw
U69K	1	Screwdriver, 5" blade
	1	Spoke-shave, adjustable
	1	Square, steel, 12" body and 8" tongue
	1	Set, rivet
	1	Slicker, steel
	1	Shears, 10" bent trimmers
	1	Screwdriver, 3" blade
	20	Scabbards, bolo, model 1917
	20	Sponges, 4"
	2	Screws, wood, flat head, 1", brass, No. 6, 1 gross package
	2	Sheepskin, with wool on
U53A1-B1-E-F	1	Sledge, model 1907

Property classification: Class. IV, Div. 9.

LOAD A (Continued).

Part No.	No. Carried.	Part name.
	4	Soap, castile, 12 cakes
	8	Straps, 34" long, style DV, 8 holes
		Straps, 52" long, style DV, 10 holes
		(The above straps are for use on the spring chest, fluid chest and supply chest.)
	1	Support, chest
	1	Stone, oil, unmounted
	1	Tape, linen, 100 ft
	1	Tool, edge, No. 1
	1	Tool, edge, No. 2
	1	Tool, claw
U231F	2	Thimbles, best aluminum lined, 2 sizes
	4	Tape, friction, ¾", ½-lb. rolls
	4	Tape, rubber, ¾", ½-lb. rolls
	1	Tacks, copper, No. 12, ½-lb. paper
	1	Tacks, copper, No. 20, ½-lb. paper
U231F	1	Thimble, aluminum lined steel, size ¾"
	1	Thread, carpet, No. 18, olive drab, 1 lb
	1	Thread, shoe, No. 3, brown, 1 lb
	1	Thread, shoe, No. 10, brown, 1 lb
	1	Tool kit, saddler's sheepskin
	1	Vise, table, 2.5" jaw
U8E	5	Wicks, lantern
U130C	1	Wrench, screw, 12"
	1	Wire, copper, No. 16 B&S gauge, spool
	1	Wire, soft steel, No. 16 B&S gauge, spool
	1	Wrench, adjustable, spanner, 3" to 4½"
		Waste, white, cotton, 25 lbs
		Wax, stitching, brown, winter, 1 lb
		Webbing, olive drab, heavy cotton, ⅝", 20 yds
		Webbing, olive drab, heavy cotton, 1", 30 yds

Property classification: Class. IV, Div. 9.



TOP VIEW OF BODY SIDES IN PLACE AND ARTILLERY WHEELS IN POSITION. FROM THE EXTERIOR THIS MAY REPRESENT ANY LOAD EXCEPT LOAD E

CHAPTER V.

LOAD B.

Consisting of:

2 Supply Chests
1 Spring Chest
1 Fluid Chest B
2 Floor Boxes
1 Bench Chest

BENCH CHEST CONTAINS:

1 Chain Block Chest
Material in bulk

NOTE: The following items, listed in alphabetical order, are contained in the various chests of this load. For any individual chest's contents see page 69.

Part No.	No. Carried.	Part name.
		AXLE PARTS.
		Front axle parts.
B722	2	Ball and axle tube studs
B665	2	Ball bushings
B662	4	Ball buttons
B663	4	Ball button washers
B95	1	Bearing bushing
B94	1	Bearing bushing lock nut
B605	1	Bearing bushing steel washer
B723	2	Blind set screw
B679	1	Cage rings, pair
B682	3	Cage rings bushings
B683	3	Cage ring screws
B625	1	Differential main bearing
B627	2	Differential pinion inner bearing
B626	1	Differential pinion outer bearing
B615	1	Differential ring gear
B622	1	Differential retainer adjusting nut
B616	2	Differential retainer pin
B614	1	Differential spur gear
B618	1	Differential spur pinion
B620	2	Differential lock dog pin
B621	2	Differential lock dog
B623	2	Differential fillister head cap screw
B624	2	Differential hexagon nut
B619	2	Differential retainer bolt lock screw
B131	1	Driving spider
B684	10	Fibre collar
B676	1	Front axle universal joint left assembled
B681	1	Front axle universal joint right assembled
B685	1	Front axle shaft thrust collar
B721	2	Housing and axle tube studs
R354	1	Hub cap pressed steel front
B672	2	Hub roller bearing
B2828	1	Key for pinion shaft
B606	10	Pinion felt washer
B702	1	Pinion shim
B667A	5	Skein felt washer
B697	2	Skein nut hexagon
B675	4	Skein lock washer, large
B2264	4	Skein lock washer, small
B664	2	Socket bushing
B660	1	Socket plug lock nut
B649	1	Steering arm bushing
B639	1	Truss rod yoke
B638	1	Turn buckle
B237	1	Wheel, complete, front

Property classification: Class. IV, Div. 9.

LOAD B (Continued).

Part No.	No. Carried.	Part name.
		AXLE PARTS—Continued.
		Rear axle parts.
B95	1	Bearing bushing
B94	1	Bearing bushing lock nut
B605	1	Bearing bushing steel washer
B126R	1	Brake lever right rear emergency
B126L	1	Brake lever left rear emergency
B857	5	Brake band spring
B855	2	Brake band complete without lever
B864	2	Brake link
B865	1	Brake rocker
B871	1	Brake anchor stud
B866	1	Brake adjusting screw
B867	2	Brake link pin
B872	1	Brake anchor stud nut
B868	2	Brake set nut
B869	2	Brake adjusting nut, long
B869A	2	Brake adjusting nut, short
B870	2	Brake lock nut
B873	2	Brake bent link end
B876	1	Brake band only, 22 ft.
B699		Brake lining
B874	300	Brake band rivet aluminum
B875	50	Brake band rivet steel
B625	1	Differential main bearing
B626	1	Differential pinion outer bearing
B627	2	Differential pinion inner bearing
B615	1	Differential ring gear
B622	1	Differential retainer adjusting nut
B616	2	Differential retainer pin
B614	1	Differential spur gear
B618	1	Differential spur pinion
B620	2	Differential lock dog pin
B621	2	Differential lock dog
B623	2	Differential fillister head cap screw
B624	2	Differential hexagon nut
B619	2	Differential retainer bolt lock screw
B131	1	Driving spider
B721	2	Housing and axle tube stud
R354	1	Hub cap pressed steel rear
B672	2	Hub roller bearing
B606	10	Pinion felt washer
B702	1	Pinion shim
B125	1	Skein felt washer retainer
B697	2	Skein nut hexagon
B843	2	Skein felt washer retainer stud
B667	5	Skein felt washer
B675	4	Skein lock washer, large
B2264	4	Skein lock washer, small
B639	1	Truss rod yoke
B638	1	Turn buckle (¾")
B840	1	Turn buckle (⅜")
B238	1	Wheel complete with brake drum, rear
		BOLTS.
		Bolts, machine.
B4950	8	¼"x1½" U.S.S.
B4952	8	¼"x1¼" U.S.S.
B2976	2	⅜"x1¼" U.S.S.
		Bolts, stove.
B4610	24	¼"x1"
B4612	16	¼"x1¼"
B4608	20	¼"x¾", flat head
B4703	16	$\frac{5}{16}$"x¾"
B4708	48	¼"x¾", round head
B4710	4	¼"x1", round head
		CHESTS.
	2	Chests, supply
	1	Chest, spring
	1	Chest for duplex chain block
	1	Chain block, duplex, Y & T, 2-ton
	1	Chest, fluid, "B" containing:
	20	Cans, 2½ gal. capacity
		(3 will contain cup grease
		7 will contain transmission oil
		10 will contain gasoline engine oil)

Property classification: Class. IV, Dir. 9.

LOAD B (Continued).

Part No.	No. Carried.	Part name.
		CLUTCH PARTS.
B2113	1	Clutch locking key
B2114	1	Clutch lock nut lock screw
B2115	1	Clutch oil plug
B2116	2	Clutch cotter pin
B2118	10	Clutch case cover ring nut
B2119	2	Clutch outer disc bronze
B2120	2	Clutch inner disc steel
B2121	20	Clutch disc spring
B2122	20	Clutch disc rivet
B2123	2	Clutch case cover rim screw
B2124	60	Clutch brake lining rivet
B2125	4	Clutch grease cup
B2126	1	Clutch thrust bearing
B2127	1	Clutch case nut
B2129	1	Clutch central spring
B2130	2	Clutch gasket
B2131	1	Clutch oil retaining washer
B2132	1	Clutch trunnion bushing
B2133	1	Clutch oil plug thimble
B2135	1	Clutch lock nut screw wire
B2136	2	Clutch brake lining
B2165	1	Clutch oil plug leather washer
B2150	1	Clutch release pin block
B2153	1	Clutch alignment joint female
B2154	1	Clutch alignment joint felt washer
B2156	1	Clutch alignment joint male (1¼" square hole)
B2157	1	Clutch alignment joint male (1⅜" square hole)
B2159	1	Clutch alignment joint housing
B2162	1	Clutch alignment joint flange
B2158	4	Clutch alignment joint flange bolt
B4305	6	Heavy lock washer
B4216	6	Plain nut
B2138	1	Clutch fork pin
		CONTROL AND GEARSHIFT PARTS.
B60	1	Control standard
B2908	1	Main gear shift rod, first and reverse
B2909	1	Main gear shift rod, second and third
B2151	1	Foot lever pedals
		DRAG LINK PARTS.
B1556	2	Drag link spring
B1557	2	Drag link ball block
B1558	1	Drag link ball block adjusting nut (L.H.)
B1559	1	Drag link ball block adjusting nut (R.H.)
B1560	4	Drag link cotter pin
		EMERGENCY BRAKE PARTS.
B2307	1	Brake cable pulley
B2308	1	Brake cable pulley bracket
B2310	1	Brake cable clamps
B2332	1	Brake rod yoke
B2319	1	Emergency brake rod
B2320	1	Emergency brake yoke end
B2306	19	Emergency brake cable
B2317	1	Equalizer bar yoke end
B2335	1	Equalizer bar pin
B2334	1	Equalizer bar stud
B2314	1	Equalizer link
		ENGINE PARTS.
		Camshaft parts.
B1628	1	Camshaft gear
B1641	1	Camshaft center bearing lock screw
B1687	1	Camshaft bearing, front
B1712	1	Camshaft bearing, center
B1671	1	Camshaft bearing, rear
B1619	4	Cam rollers
B1623	4	Cam roller pins
		Connecting rod parts.
B1679½	1	Connecting rod with bearing and bolts complete
B1679	1	Connecting rod with bolts less bearings

Property classification: Class. IV, Div. 9.

LOAD B (Continued).

Part No.	No. Carried.	Part name.
		ENGINE PARTS—Continued.
		Connecting rod parts—Continued.
B1610	4	Connecting rod bearings
B1618	2	Connecting rod clamp screws
B1675	2	Connecting rod bolts
B1680	5	Connecting rod shims
B1681	10	Connecting rod shims
B1690	2	Connecting rod clamp screw, lock washers
		Crankcase.
B1738A	1	Crankcase complete with bearings and studs
B1648	10	Crankcase lower cover bolt with nut
B1647	8	Crankcase front cover bolt with nut
B1730	1	Breather cap
B1731	1	Breather cap spring
		Crankshaft parts.
B1608	1	Crankshaft bearing, rear
B1609C	1	Crankshaft bearing, center
B1609F	1	Crankshaft bearing, front
B1632	1	Crankshaft gear
B1651	2	Crankshaft starting crank pins
B1721	2	Crankshaft bearing bolts
B1723	8	Crankshaft bearing bolt washers
B1732	1	Crankshaft bearing stud
B1724	4	Crankshaft rear bearing shims
B1725	12	Crankshaft rear bearing shims
B1726	6	Crankshaft, front and center bearing shims
B1727	12	Crankshaft, front and center bearing shims
		Carburetor.
B1900	1	Carburetor, complete Stromberg G-3
B1945	1	Air horn nut
B1946	1	Air valve
B1947	1	Air valve cap nut
B1948	1	Air valve cage
B1949	2	Air valve cage screws and washers
B1950	1	Air valve lock cam
B1953	1	Auxiliary nozzle
B1934	1	Bumper spring
B1952	1	Cap screw
B1951	4	Cotter pin
B1927	2	Drain plugs
B1901	1	Float
B1902	1	Float chamber
B1903	1	Float chamber cover
B1904	2	Float chamber gasket
B1905	1	Float stud
B1906	1	Float stud nut
B1907	1	Float stud nut washer
B1922	2	Fulcrum pin
B1925	1	Gasoline line union
B1926	1	Gasoline drain cock
B1933	1	Gasoline channel plug
B1932	1	Gasoline strainer
B1954	1	Gasoline well
B1935	1	High speed spring
B1936	1	High speed adjusting nut
B1937	1	High speed lock plunger
B1938	1	High speed lock plunger screw
B1956	1	Hot air manifold flexible tube
B1957	1	Hot air manifold clamp complete
B1939	1	Low speed spring
B1940	1	Low speed adjusting nut
B1941	1	Low speed lock plunger
B1942	1	Low speed lock plunger screw
B1909	1	Needle valve
B1910	1	Needle valve sleeve
B1920	1	Needle valve seat
B1921	1	Needle valve cap
B1931	1	Primary nozzle
B1929	1	Throttle lever set screw
B1924	1	Universal coupling with union and plug
B1763	1	Carburetor control rod
B1764	1	Carburetor starting rod

Property classification: Class. IV, Div. 9.

LOAD B (Continued).

Part No.	No. Carried.	Part name.
		ENGINE PARTS—Continued.
		Cylinder parts.
B1601	1	Cylinders with studs, front or rear
B1707	2	Cylinder priming cups
B1621	2	Cylinder studs with nuts and cotters
		Exhaust parts.
B2603	5	Exhaust pipe gasket
B2621	1	Exhaust pipe pin
B2610		Muffler cut out table 8 ft
		Fan parts.
B2433	1	Fan ball bearing
B2440	6	Fan belt
B2437	1	Fan blade
B661	1	Fan grease cup
B2441	10	Fan joint disc
B2442	1	Fan lever bearing pin
B2443	1	Fan pulley upper assembled
B744MF	1	Fan pulley bearing
B740MF	1	Fan pulley small upper
B2430	1	Fan spacer collar large
B2431	1	Fan spacer collar small
B2446	1	Fan street elbow
B2318	1	Fan tension spring
		Flywheel parts.
B1722	1	Flywheel bolt
B1733	1	Flywheel bolt nut
		Miscellaneous engine parts.
B1212	2	Air cock
B1689	2	Blind set screw
B1659	4	Gasket, water pipe flange
B1771	30	Gasket, spark plug
B1698	10	Gasket, oil gauge, glass
B2501	1	Gasoline tank filler cap
		Grease, cup, 7½ gals
B5448	2	Grease cups
B1757	1	Intake manifold priming cup
B1876	12	Spark plugs with gaskets
		Piston parts.
B1604	2	Piston, standard
B1603	8	Piston rings, standard
B1603	8	Piston rings, oversize up to .025
B1617	2	Wrist pins
		Timing gear and case parts.
B1701	1	Front cover bearing
B1718	1	Front cover bearing, pump side
B5411	1	Front cover, bushing plug
B1745	2	Flush plug, slotted
B1673	1	Idler stud screw
B1624	1	Idler stud nut
B1627	1	Idler gear
B1630	1	Idler stud washer
B1639	1	Idler gear bushing
B1640	2	Idler gear bushing lock screws
		Valve parts.
B1515	4	Valve spring seat
B1616	4	Valve spring seat bushing
B1620	4	Valve springs
B1605	4	Valve intake or exhaust
B1606	4	Valve guides
B1674	2	Valve tappet guides
B1676	2	Valve casing spring clip
B1682	1	Valve cap exhaust
B1650	4	Valve tappet adjusting screw with lock nut
B1643	25	Valve cap gasket inlet or exhaust
B1644	8	Valve tappet guide studs
B1683	1	Valve cap inlet
B1686	2	Valve tappet with roller pin

Property classification: Class. IV, Div. 9.

LOAD B (Continued).

Part No.	No. Carried.	Part name.
		FOOT BRAKE PARTS.
B2265	1	Foot brake spring lever
B2259	4	Foot brake felt washer
B2260	4	Foot brake felt washer
B2261	2	Foot brake roller bearing
B2258	1	Skein rings
B675	2	Skein washer, large
B2250	1	Brake band lining, 12 ft.
B872	1	Brake anchor stud nut
B868	1	Brake set nut
B866	1	Brake adjusting screw
B869	1	Brake adjusting nut, long
B869A	1	Brake adjusting nut, short
B2248	100	Copper rivets
B2246	1	Steel brake band only
B2249	100	Steel rivets
B2251	1	Foot brake band adjusting bolt
B2263	1	Foot brake rod
B2257	2	Foot brake bushing
B2218	1	Foot brake rod yoke
B2318	1	Foot brake tension spring
B857	1	Foot brake lever spring
B2252	1	Special adjusting nut
		KEYS WOODRUFF.
B4422	10	No. 16
B4421	6	No. 15
		LIGHTING SYSTEM SPARE PARTS.
	12	Glass front, to fit Solar No. 167 WTS searchlight
	4	Cover for Solar No. 167 WTS searchlight
	6	Glass for side light, Adelake No. 4481
	3	Glass for tail light, Adelake No. 4482
	12	Wicks for side light, Adelake No. 4481
	6	Wicks for tail light, Adelake No. 4482
		MAGNETO PARTS.
B1800	5	Eisemann Magneto with cables 2nd. addition
B3460	5	Breaker complete
B3645	12	Breaker lever and platinum contact complete
B3654	12	Breaker flat spring
B1813	24	Distributor plate carbon brush with spring
B1814	12	Distributor plate carbon brush with spring
B3636	2	End cap complete for timing leather
B3643	4	End cap holding stud with spring
B1870	2	Cables and terminal complete set of four
B58	1	Magneto control lever, long
B59	1	Magneto control lever, short
B1761	1	Magneto control rod
B1760	1	Magneto control rod to B58
B1762	2	Magneto control rod ball joint
B1780	1	Magneto coupling, complete
B1634	1	Magneto drive shaft gear
B1638	1	Magneto drive shaft bushing
B1670	1	Magneto hold down straps with lug and pin
B1699	1	Magneto coupling flange center piece
B1734	1	Magneto coupling bushing thrust collar
B1782	8	Magneto coupling flexible joint discs
B1871	1	Ignition switch without plate
		MANIFOLD PARTS.
B1645	4	Manifold exhaust studs
B1657	4	Manifold gasket exhaust
B1645	4	Manifold inlet studs
B1658	4	Manifold gasket, inlet
		MISCELLANEOUS.
MC8A1	2	Extinguisher, fire, Pyrene, quart size
		Liquid, Pyrene, in quart cans, 3 quarts
		Waste, white cotton, 50 lbs. (Carried in floor locker)

Property classification: Class. IV, Div. 9.

LOAD B (Continued).

Part No.	No. Carried.	Part name.
		NUTS.
		Nuts, Castellated.
B4250	260	3/8" S.A.E.
B4251	82	7/16" S.A.E.
B4252	90	1/2" S.A.E.
B4253	32	5/8" S.A.E.
B4255	4	3/4" S.A.E.
B4257	8	7/8" S.A.E.
B4263	2	7/8" (13/16" thick)
B4264	2	7/8" (1/2" thick)
		Nuts, Plain.
B4200	34	1/4" S.A.E.
B4200A	2	1/4" U.S.S.
B4202	164	5/16" S.A.E.
B4203	118	3/8" S.A.E.
B4203A	4	3/8" U.S.S.
B4204	4	7/16" S.A.E.
B4205	14	1/2" U.S.S.
B4207	78	5/8" S.A.E.
B4209	8	3/4" S.A.E.
B4210	88	3/4" S.A.E. (C.H.)
		Nuts, Special.
		1" (Case hardened)
B4259	2	1" (Case hardened)
B4260	8	
		Nuts, Wing.
B4213	16	1/4" U.S.S.
		OIL.
		Oil, transmission, 17½ gals.
		Oil, medium, gasoline engine, 25 gals.
		OIL PUMP PARTS.
B1716	1	Oil gauge float
B1711	2	Oil gauge float washers
B1678	1	Oil tube top
B1614	1	Oil pump bevel gear
B1710	1	Oil base drain plug
B1736	1	Oil pipe (1/4") connector
B1737	1	Oil pipe (3/8") connector
B1785	1	Oil tube, flexible
B1708	1	Oil pipe elbow, special
B1709	1	Oil pipe tee, special
B1735	1	Oil pipe (3/8") elbow, special
B1702	1	Oil pump assembled complete
B1625	1	Oil pump shaft bushing, upper
B1626	1	Oil pump shaft bushing, lower
B1646	1	Oil pump stud
B1656	8	Oil pump shaft washers
B1636	2	Oil filters
B1661	1	Oil gauge plug
B1613	1	Oil pump beveled gear
B1662	4	Oil gauge glass
		PINS.
		Pins, cotter.
B4355	10	3/32"x2"
B4368	14	1/8"x1 1/4"
B4351	66	1/16"x3/4"
B4353	12	3/32"x1 1/4"
B4352A	580	3/32"x3/4"
B4360	26	1/8"x1"
B4352	128	3/32"x1"
B4361	14	1/8"x1 1/2"
		Pins, Yoke.
B4460	2	3/8"x1"
B4461	4	3/8"x1 1/8"
B4462	10	1/8"1 1/4"
B4466	2	1/16"x1 1/4"
B4468	2	1/16"x1 1/2"
B4471	8	1/2"x1 3/8"
B4472	8	1/2"x1 5/8"

Property classification: Class. IV, Div. 9.

LOAD B (Continued).

Part No.	No. Carried.	Part name.
		PINS—Continued.
		Pins, Straight.
B4460	4	3/8"x1"
B1744	2	Pins, straight
		Pins, Taper.
B4459	2	No. 3 x 2"
B4454	14	No. 3 x 1½"
B4457	2	No. 5 x 1¼"
B4459½	2	No. 3 x 1¼"
B4459½	4	No. 3 x 1¾"
		PINTLE SPARE PARTS.
FF37A	2	Pintle, forged steel
	2	Crown nut, 1/625"
FF37B	4	Pintle, guide, rings
FF37C	2	Pintle, spring
	6	Split Pin
AB19B1	12	Pintle, latch
AB19D	12	Pintle latch pin
AB19C	12	Pintle, latch, spring
		PIPE FITTINGS.
B4502	10	3/8" plug
B4503	10	½" plug
		RADIATOR PARTS.
B1249	1	Radiator complete
B203	1	Radiator cap
B1203	6	Radiator drain plug
B1247	1	Radiator top gasket
B1248	1	Radiator bottom gasket
B1214	1	Radiator spring
B1208	4	Radiator hose clamp
B1216	4	Radiator hose clamp
B1210	10	Radiator hose (1½"x5")
B1217	4	Radiator hose (2"x4")
B1227	4	S.A.E. bolts special (5/16"x1")
B1228	1	S.A.E. bolt special (5/16"x¼")
B1206	1	Top water pipe
		RIVETS.
		Rivets, Round Head.
B4551	16	1/8"x5/8"
B4552	62	5/16"x½"
B4554	114	¼"x5/8"
B4555	40	¼"x¾"
B4566	32	5/16"x3/8"
B4557	20	¼"x1"
B4560	12	3/8"x1¼"
B4559	240	3/8"x1"
B4565	8	1/8"x3/8"
B4567	24	5/16"x1¼"
		SCREWS.
		Cap Screws.
B4115	8	½"x6⅜" S.A.E.
B4183	6	½"x5⅞" S.A.E.
B4188	2	¼"x¾" U.S.S.
B4003	48	3/8"x7/8" S.A.E.
B4007	28	3/8"x1¾" S.A.E.
B4166	4	7/16"x2⅝" S.A.E.
B2185	8	½"x6¼" S.A.E.
B4184	4	½"x6⅞" S.A.E.
B4010	4	3/8"x 7/8" S.A.E.
B4110	4	½"x2¼" S.A.E.
B4005	82	3/8"x1⅛" S.A.E.
B4064	70	5/16"x1⅛" S.A.E. (C.H.)
B4176	6	3/8"x4½" S.A.E.
B4012	34	3/8"x2½" S.A.E.
B4006	6	3/8"x1¼" S.A.E.
B4055	26	5/16"x1¼" S.A.E.

Property classification: Class. IV, Div. 9.

LOAD B (Continued).

Part No.	No. Carried.	Part name.
		SCREWS—Continued.
		Cap Screws—Continued.
B4653	18	1/4"x1" U.S.S.
B4654	8	1/4"x 5/8" U.S.S.
B4016	4	3/8"x2 5/8" S.A.E.
B4187	54	3/8"x1" S.A.E.
B4008	8	3/8"x1 1/2" S. A. E.
B4177	2	3/8"x6 1/4" S.A.E.
B4025	2	3/8"x6" S.A.E.
B4164	4	3/8"x2" S.A.E.
B4002	4	3/8"x1 3/4" S.A.E.
B4000	14	3/8"x 3/4" S.A.E.
B4009	4	3/8"x1 5/8" S.A.E.
B4057	14	7/16"x1 1/2" S.A.E.
B4197	24	1/2"x1 1/2" U.S.S.
B4013	16	1/2"x2 1/2" S.A.E.
B4065	36	1/2"x3 5/8" S.A.E.
B4150	8	5/8"x2 1/4" S.A.E.
B4101	24	1/2"x1" S.A.E.
B4105	16	1/2"x1 5/8" S.A.E.
B4158	56	5/8"x4 1/8" Special 1 1/8" Hex. head
B4160	4	5/8"x3 1/2" S.A.E. special
B4102	24	1/2"x1 1/8" S.A.E.
B4180	8	5/8"x3" S.A.E.
B4053	24	7/16"x1 1/8" S.A.E.
B4159	4	5/8"x4 1/2" S.A.E.
B4103	54	1/2"x1 1/4" S.A.E.
B4104	2	1/2"x1 1/2" S.A.E.
B4154	2	5/8"x3 1/2" S.A.E.
B4111	2	1/2"x2 1/2" U.S.S.
B4162	6	1/4"x1" fillister head
B4168	10	1/4"x 3/4" fillister head
		Set Screws.
B4450	2	3/8"x 1/2" cup point
B703	4	1/2"x1 1/4" dog point
B724	2	5/8"x1" cup point
		SPRING PARTS.
B1000	2	Front spring, complete
B1023	2	Rear side spring, complete
B1001	2	Front spring main leaf
B1002	1	Front spring second leaf
B1024	2	Rear side spring main leaf
B1025	1	Rear side spring second leaf
B1039	1	Rear cross spring main leaf
B1034	2	Rear side spring shackle
B1064	1	Spring tie clip (2")
B1065	2	Spring tie clip (3 1/8")
B1066	1	Spring tie clip (3 1/2")
B1067	1	Spring tie clip (2 1/4")
B1017	4	Spring tie clip bolt
B1012	2	Spring bushing
B1053	1	Front shackle bolt with clip
B1013	2	Front and rear side spring tie bolt
B661	1	Grease cup (1/4")
B1062	2	Grease cup special for shackle bolt
B1015	1	Raybestos shim
B1018	2	Spring bolt hardened
B1038	1	Rear cross spring, complete
		STARTING CRANK PARTS.
B1400A	1	Starting crank lever with handle
M751	1	Starting crank head
B1405	1	Starting crank lever
B1401	1	Starting crank shaft
B1411	1	Starting crank collar front
B1413	1	Starting crank collar rear
B1408	1	Starting crank handle bolt
B1409	1	Starting crank fiber handle
B1410	1	Starting crank spring
		STEERING GEAR PARTS.
B1502	1	Steering gear housing sleeve
B1510	1	Steering gear ball
B1511	1	Steering gear post and arm bushing

LOAD B (Continued).

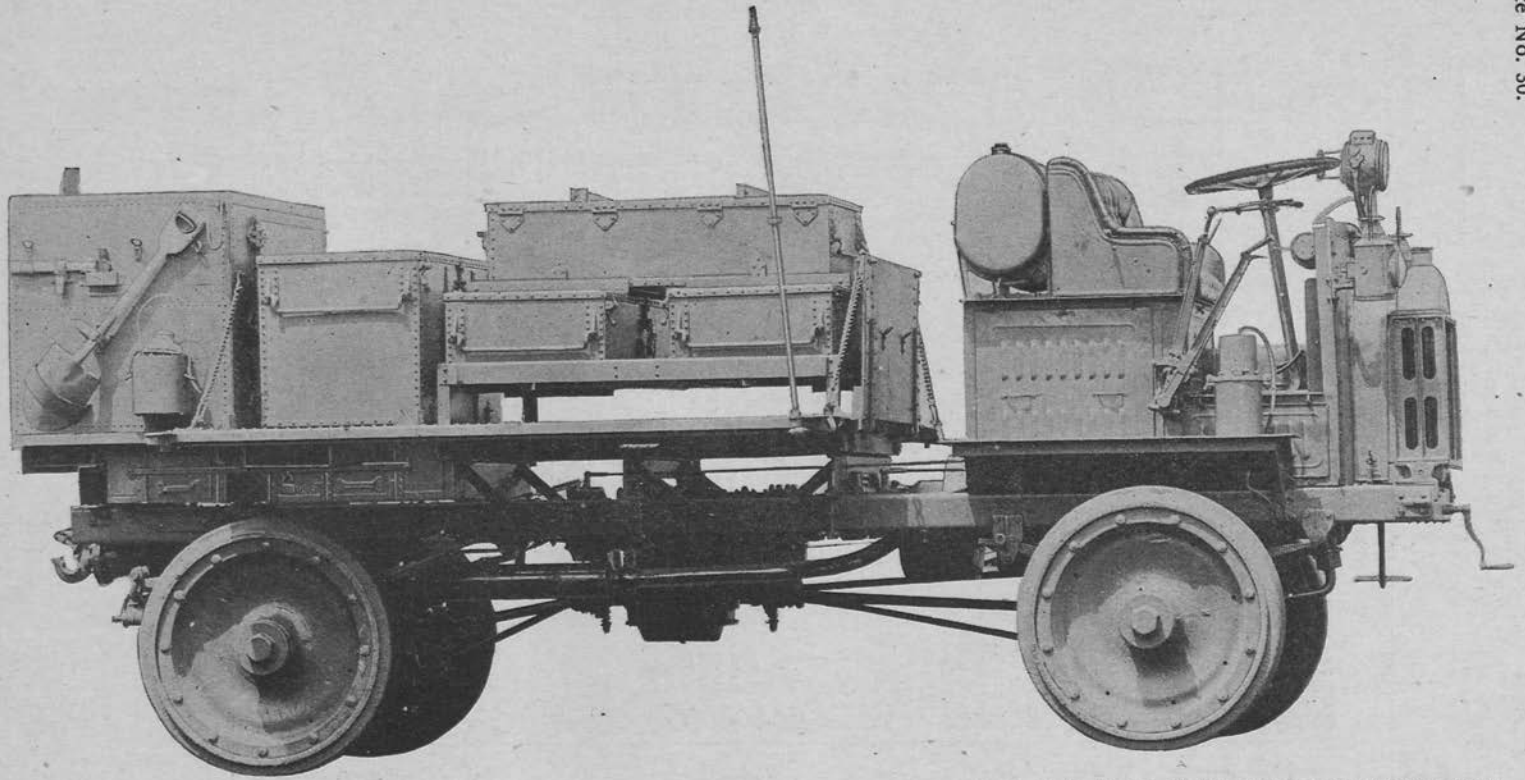
Part No.	No. Carried.	Part name.
		STEERING GEAR PARTS—Continued.
B1512	1	Steering wheel nut
B1516	1	Steering gear oiler plug spring
B1517	1	Steering gear oil cap
B1518	1	Steering gear bearing retainer screw bushing
B1519	1	Steering gear wheel bushing
B1520	1	Steering gear upper adjusting nut lock key
B1521	1	Steering gear lower nut bushing
B1527	1	Steering gear lower nut lock pin
B1530	1	Steering gear lower throttle control lever
B1531	1	Steering gear lower spark control lever
B1532	1	Steering gear bolt
B1534	1	Steering wheel complete
B1540	1	Steering gear control levers spring
B1541	2	Steering gear plunger for 1540
B1542	1	Steering gear bolt (nickel plated)
B1543	1	Steering gear nut for 1542
B1549	1	Steering gear clamp cap scew for upper spark lever
B1550	1	Steering gear nut for 1549
B1567	1	Steering gear taper pin special No. 1 (¾")
		STRAPS.
	8	Straps, 52",style DV, 10 holes
	4	Straps, 34", style DV, 8 holes
	4	Straps, 12" long, style AV, 7 holes
	4	Straps, 15" long, style AV, 7 holes
	2	Straps, 22¾" long, style AV, 7 holes
	2	Straps, 15" long, style AVS, 7 holes
U8D	4	Straps, lantern
	2	Straps, 34" long, DV, 8 holes
	4	Straps, 52" long, style DV, 10 holes
		TORSION ROD PARTS.
B2022	1	Torsion rod hanger bolt with grease cup
B653	1	Torsion rod hanger grease cup
B2012	10	Torsion rod spring
		TRANSMISSION PARTS.
B2734	35	Cap screw U. S. S
B2770	3	Clutch fork blocks
B2771	3	Clutch fork stud
B2717	1	Countershaft second speed gear
B2718	1	Countershaft first speed gear key
B2719	1	Countershaft sliding gear spring
B2720	1	Countershaft sliding gear
B2752	1	Countershaft first speed gear
B2753	1	Countershaft reverse gear
B2757	1	Countershaft reverse gear key
B2740	1	Differential side gear
B2741	1	Differential side pinion
B2749	1	Differential bearing
B2773	1	Differential housing felt washer
B2787	1	Differential jack shaft
B2701	1	Drive end gear shaft combined
B2702	1	Drive end space collar
B2758	1	Driven shaft end thrust bearing race
B2759	1	Driven end thrust bearing
B2764	4	Felt washer cover screw
B2714	1	Idler gear reverse
B2715	1	Idler gear stud
B2766	1	Idler gear roller bearing
B2705	1	Main shaft second speed gear
B2707	1	Main shaft second speed gear collar
B2708	1	Main shaft first speed gear
B2710	1	Main shaft first speed gear collar pin
B2712	1	Main shaft reverse gear
B2713	1	Main shaft reverse gear collar
B2754	1	Main shaft reverse gear sleeve
B2767	1	Main shaft felt washer cover
B2735	1	Oil plug top
B2766	1	Oil plug bottom
B2799	1	Positive lock lever pin
B2800	1	Positive lock lever pin bolt and nut
B2759A	1	Reverse idler gear stud stop screw
B2760	1	Reverse idler gear stud stop screw nut

Property classification: Class. IV, Div. 9.

LOAD B (Continued).

Part No.	No. Carried.	Part name.
		TRANSMISSION PARTS—Continued.
B2761	1	Shifting fork lock pin
B2762	1	Shifting fork lock pin cap
B2774	1	Shifting fork shaft bushing
B2776	1	Shifting fork lock ball
B2791	1	Shifting fork shaft collar
B2792	1	Shifting fork shaft key
B2826	1	Shifting fork lock pin spring
B2854	1	Spacer collar for bearing
B2803	1	Silent chain
B2827	40	Silent chain rivets and fittings, 12 pins, 24 washers, 24 bushings per foot
		UNIVERSAL JOINTS AND PROPELLER SHAFT PARTS.
B1759	1	Standard shaft
B2809	1	Axle end drive shaft universal joint complete
B2810	1	Transmission end drive shaft universal joint complete
B2815	1	Universal joint fork with square hole
B2818	5	Universal joint grease cups
B2820	10	Universal joint felt washer
B2823	1	Front propeller shaft
B2822	1	Rear propeller shaft
B4259	3	Special nut
B2825	5	Universal joint leather boot
		VENT PANEL PARTS
B1107	2	Vent panel lock
		WASHERS.
		Washers, lock.
B4301	130	1/4" light
B4302	176	1/4" heavy
B4303	22	3/8" light
B4304	96	3/8" heavy
B4305	52	1/2" heavy
B4300	16	5/16" light
B4311	16	1/2" light
B4312	24	1/4" heavy
B4313	194	3/8" heavy
		Washers, plain.
B4402	66	3/8"
B4400	16	1/4"
B4406	12	3/4"
		Washers, special.
B4404	40	1/2" (1/8" thick)
B4403	4	7/8"
		WATER PUMP PARTS.
B1743	1	Water pump complete
B1635	1	Water pump, driveshaft gear
B1649	2	Water pump, bolt and nut
B1720	1	Water pump, driveshaft bushing
B5447	1	Water pump, coupling complete
B5414	1	Water pump gland nut, front
B1728	1	Water pipe, lower extension
B1663	1	Water inlet tee nut
B1742	1	Water manifold, upper
B1644	8	Water pipe studs

Property classification: Class. IV, Div. 9.



RIGHT SIDE OF BODY DROP SIDE DOWN TO SHOW LOAD IN PLACE. FROM THE EXTERIOR THIS MAY REPRESENT ANY LOAD EXCEPT D OR E

CHAPTER VI.

LOAD B-1.

Consisting of:

2 Supply Chests
1 Spring Chest
1 Fluid Chest B
2 Floor Boxes
1 Bench Chest

BENCH CHEST CONTAINS:

1 Chain Block Chest
Material in Bulk.

NOTE: The following items, listed in alphabetical order, are contained in the various chests of this load. For any individual chest's contents see page 69.

Part No.	No. Carried.	Part name.
		AXLE PARTS.
33582	2	Axle driveshaft (right front)
33583	2	Axle driveshaft (left front)
33581	2	Axle driveshaft (right rear)
33580	2	Axle driveshaft (left rear)
36084A	2	Axle propeller shaft with universal joints
		BALL JOINTS.
BJ101	20	10-32
BJ102	20	1/4—20
		BALLS, STEEL.
BA112	20	1/8" dia
BA103	10	3/8" dia
BA105	50	1/2" dia
		BOLTS.
BO1802	80	5/16"—24"x1 1/8" hex. head
BO219	10	3/8"—16"x2 3/4" hex. head
BO601	20	3/8"—16"x1 3/8" hex. head
BO637	10	3/8"—24"x4 1/4" hex. head
BO1006	100	3/8"—16"x3 3/4" hex. head machine
BO1650	20	1/2"—20"x2 1/2" hex. head
BO253	20	5/8"—18"x2 3/4" hex. head
BO324	20	1/8"—18"x5 1/4" square head machine
BO325	50	3/8"—16"x2 1/4" square head machine
BO327	20	3/8"—16"x16 3/4" square head machine
BO422	20	3/8"—16"x1 1/2" carriage
		CARBURETOR PARTS.
35280A	4	Carburetor complete (Stromberg M2)
32941	4	Float
32949	8	Strainer
30637	4	High speed needle valve
34373	48	Intake pipe gasket
32943	4	Needle valve
		CHESTS.
	2	Chests, supply
	1	Chest, spring
	1	Chest for Duplex chain block
	1	Chain block, Duplex, Y. & T., 2-ton
	1	Chest, fluid, "B," containing 20 cans, 2 1/2 gal. capacity: 3 contain cup grease 7 contain transmission oil 10 contain gasoline engine oil
		CONNECTING ROD PARTS.
34489A	4	Connecting rod complete
34478	16	Connecting rod piston pin bushing
34479	48	Connecting rod bearing (upper half)
34480	48	Connecting rod bearing (lower half)
34482	96	Connecting rod bearing shim (plain)
34483	96	Connecting rod bearing shim (laminated)
34484	64	Connecting rod bolt

Property classification: Class. IV, Div. 9.

LOAD B-1 (Continued).

Part No.	No. Carried.	Part name.
		CONTROL PARTS.
32246	4	Shifter lock ball spring
32247	16	Shifter lock ball spring follower
35377	2	Shifter rod (first and second speed)
35378	2	Shifter rod (third and fourth speed)
35379	4	Shifter rod reverse
		CRANKSHAFT PARTS.
34506	8	Crankshaft shim
34507	10	Crankshaft starting crank jaw
34510	4	Crankshaft center bearing (upper)
34498	4	Crankshaft center bearing (lower)
34509	4	Crankshaft front bearing (upper)
34496	4	Crankshaft front bearing (lower)
34502	8	Crankshaft front bearing shim (laminated)
34511	4	Crankshaft rear bearing (upper)
34494	4	Crankshaft rear bearing (lower)
34504	8	Crankshaft rear bearing shim (laminated)
		DIFFERENTIAL PARTS.
32133	4	Differential case bearing cone and rollers
32136	4	Differential case bearing cone and rollers
32081	8	Differential center gear
32083	12	Differential equalizing gear
32087	4	Differential spider
		DIFFERENTIAL PINION PARTS.
32127	2	Pinion inner bearing cone and rollers
32144A	2	Pinion shaft sleeve and bearing cup
32130	2	Pinion shaft outer bearing cone and rollers
32110	2	Pinion sleeve nut
		DRAIN COCKS.
CO115	10	1/8"
CO116	10	1/4"
CO118	10	1/8"
		GREASE CUP AND OILER.
CU113	20	Bowen grease cup, No. .000
CU208	10	Winkley grease cup, No. .000
CU209	50	Winkley grease cup, No. .00
		KEYS.
KE103	50	1/8"x 13/64"x 1/2" Woodruff
KE104	80	1/8"x 1/4"x 5/8" Woodruff
KE118	50	1/8"x 5/16"x 3/4" Woodruff
KE105	50	5/32"x 1/4"x 5/8" Woodruff
KE107	80	5/16"x 5/16"x 3/4" Woodruff
KE108	50	5/16"x 3/8"x 7/8" Woodruff
KE110	50	1/4"x 3/8"x 7/8" Woodruff
KE114	50	5/16"x 7/16"x1 " Woodruff
KE111	50	1/16"x 7/16"x1 " Woodruff
KE208	50	1/4"x 1/4"x2 1/4" straight
KE209	60	1/4"x 1/4"x2 7/8" straight
KE211	60	5/16"x 5/16"x1 3/4" straight
KE212	60	3/8"x 3/8"x1 1/2" straight
KE304	80	3/8"x 3/8"x1 1/4" round nose
KE5	50	5/16"x 1/4"x3 " special
		LAMP PARTS.
	6	Glass for side light, Adlake No. 4481
	3	Glass for tail light, Adlake No. 4482
	12	Glass front, to fit Solar No. 167 WTS searchlight
	4	Cover for Solar No. 167 WTS searchlight
35184A	4	Tail lamp
	12	Wicks for side light, Adlake No. 4481
	6	Wicks for tail light, Adlake No. 4482
		MAGNETO PARTS.
36914A	6	Breaker complete (clockwise)
36453	24	Breaker spring (long flap)
34590	16	Breaker contact screw (platinum contact)

Property classification: Class. IV, Div. 9.

LOAD B-1 (Continued).

Part No.	No. Carried.	Part name.
		MAGNETO PARTS—Continued.
36452	16	Breaker rocker arm (platinum contact)
36916	2	Breaker timing lever complete with cams
36912A	8	Breaker end cap with short circuit brush
34575A	1	Distributor plate complete
34577	16	Distributor plate collector carbon brush
34576	40	Distributor carbon brush with spring
33808	4	Ignition wire complete (cylinder No. 1)
33809	8	Ignition wire complete (cylinder Nos. 2 and 4)
33810	4	Ignition wire complete (cylinder No. 3)
36252A	4	Magneto, Eisemann type G4, 2nd addition, clockwise, complete.
		MISCELLANEOUS.
		Liquid, Pyrene, in quart cans, 3 quarts
CN104	20	5/8"—18"x1 3/32" connection
CN105	20	5/8"—18"x1 7/32" connection
34371	48	Exhaust manifold gasket
MC8A1	2	Extinguisher, fire, Pyrene, quart size
		Grease, cup, 7½ gals
		Waste, white cotton, 50 lbs. (Carried in floor locker.)
		NUTS.
		Castle nuts.
NU523	20	1/4"—28"x 7/16"
NU519	40	3/16"—24"x 1/2"
NU520	20	5/16"—24"x 9/16"
NU522	100	1/2"—20"x 3/4"
NU508	40	3/4"—16"x1 1/4"
NU511	50	1"—20"x1 3/8"
NU512	50	1"—20"x1 7/16"
NU532	50	5/8"—18"x 15/16"
NU536	100	1"— 8"x1 7/16"
		Hexagon nuts.
NU102	80	1/4"—20"x 7/16"
NU103	80	1/4"—28"x 7/16"
NU107	80	5/16"—18"x 1/2"
NU1213	80	5/16"—18"x 1/2"
NU112	80	5/16"—24"x 1/2"
NU124	80	3/8"—16"x 11/16"
NU128	80	3/8"—24"x 9/16"
NU1240	40	3/8"—16"x 11/16"
NU1265	40	3/8"—22"x 9/16"
NU1266	40	3/8"—22"x 9/16" (left thread)
NU133	20	7/16"—14"x 3/4"
NU135	20	7/16"—20"x 5/8"
NU143	80	1/2"—13"x 7/8"
NU149	80	1/2"—20"x 3/4"
NU1255	80	3/4"—16"x1 1/16"
NU169	10	7/8"—14"x 1 1/16" (left thread)
NU170	20	7/8"—14"x 1 1/8"
NU173	20	1 1/8"—20"x1 1/16"
NU177	10	1"—20"x1 1/2"
		Machine screw hexagon nuts.
NU904	50	No. 10—32"x7/16"
NU905	50	No. 12—24"x7/16"
NU906	50	No. 14—20"x7/16"
NU908	50	No. 10—32"x5/8"
NU911	50	No. 14—20"x5/16"
NU935	50	3/16"—24"x3/8" (square)
NU932	50	No. 8—32"x11/16" (square)
NU937	50	No. 10—32"x3/8" (square)
NU943	50	No. 14—20"x1/2" (square)
NU1006	50	7/16"—20"x9/16" (winged nut)
NU1104	40	1/4"—32"x3/8" (union nut)
NU1103	80	5/16"—18"x3/4" (union nut)
		Slotted hexagon nuts.
NU303	20	3/8"—16"x 11/16"
NU306	20	3/8"—24"x 9/16"
NU307	20	7/16"—14"x 3/4"
NU352	100	7/16"—20"x 11/16"

Property classification: Class. IV, Div. 9.

LOAD B-1 (Continued).

Part No.	No. Carried.	Part name.
		NUTS—Continued.
		Slotted hexagon nuts—Continued.
NU312	20	½"—13"x ⅞"
NU316	20	½"—20"x ¾"
NU354	50	½"—20"x 1⅛"
NU351	20	½"—13"x 1⅛"
NU323	30	⅝"—18"x1 1/16"
NU324	20	⅝"—18"x ⅞"
NU330	20	⅞"—14"x1⅛"
NU334	20	⅞"—16"x1⅛"
NU339	20	1¾"—16"x2½"
		OIL.
		Oil, transmission, 17½ gals.
		Oil, medium, gasoline engine, 25 gals.
		OIL PUMP PARTS.
34545A	4	Oil pump complete.
34539	4	Oil pump screen.
34540	4	Oil pump screen cover gasket.
34543	12	Oil pan gasket (right)
34544	12	Oil pan gasket (left)
		PINS.
		Clevis pins.
PI116	40	¼"x1"
PI117	40	⅜"x1"
PI102	40	⅞"x1"
PI103	200	⅜"x1⅛"
PI106	40	7/16"x1⅛"
PI109	20	7/16"x1⅜"
PI118	50	7/16"x1¼"
PI126	20	⅝"x1⅜"
		Cotter pins.
PI403	1500	1/16"x⅝".
PI422	2500	5/32"x1½"
PI413	2000	⅛"x1½"
PI440	1000	1/16"x2½"
PI443	2000	5/32"x1¾"
		Straight pins.
PI202	20	⅛"x1"
PI256	20	⅛"x ⅜"
PI507	40	5/32"x ¾"
PI238	20	7/32"x ⅞"
PI245	40	9/32"x ⅝"
PI241	40	9/32"x1 1/16"
PI511	20	¼"x ⅞"
PI213	20	¼"x1½"
PI250	40	5/16"x2¼"
PI218	20	⅜"x1⅜"
PI244	20	⅜"x1⅝"
		Taper pins.
PI325	50	5/32"x1"
PI314	50	7/32"x1¾"
PI326	50	11/32"x1"
PI304	50	9/32"x1¼"
PI308	50	11/32"x1¾"
PI315	50	¼"x1¾"
		PINTLE PARTS.
35917	2	Pintle towing hook.
32594	12	Pintle hook latch.
35866	12	Pintle hook latch spring.
35919	2	Pintle hook nut.
35922	4	Pintle spring guide.
35923	2	Pintle spring
	12	Pintle split pin.
	12	Pintle latch pin.

Property classification: Class. IV, Div. 9.

LOAD B-1 (Continued).

Part No.	No. Carried.	Part name.
		PIPE PLUGS.
PL101	40	1/8"
PL102	20	1/4"
PL103	20	3/8"
PL104	40	1/2"
PL124	10	5/8"
PI125	10	3/4"
		PISTON PARTS.
34474	8	Piston (standard)
34475	48	Piston ring (standard)
34485	16	Piston pin
34486	16	Piston pin set screw
		RIVETS.
RI116	300	3/16"x 5/8" button head
RI121	100	1/4"x 5/8" button head
RI140	300	1/4"x1 1/2" button head
RI145	300	3/8"x1 " button head
RI148	300	3/8"x1 3/8" button head
RI151	100	3/8"x2 1/8" button head
RI155	100	1/2"x1 3/4" button head
RI409	50	1/2"x2 " button head
RI446	300	1/2"x1 1/4" button head
RI159	250	1/2"x2 3/4" button head
RI451	50	5/8"x 3/4" button head
RI232	80	1/4"x 1/2" flat head rivet
RI305	5000	5/32"x 13/32" tubular
RI371	800	1/16"x 1/4" split rivet
RI524	50	1/4"x1 3/4" wagon box
		SCREWS.
		Cap screw hexagon head.
SC3204	40	1/4"—20"x1 1/4"
SC3232	60	1/4"—28"x1"
SC2466	100	5/16"—18"x1 3/8"
SC3335	20	5/16"—24"x1 3/4"
SC203	40	3/8"—16"x 7/8"
SC226	80	5/8"—16"x2 3/4"
SC238	40	7/16"—14"x1 1/4"
SC245	40	5/16"—20"x 7/8"
SC255	80	1/2"—13"x2 1/4"
SC3631	20	1/2"—20"x1 1/4"
		Cap screws.
SC3303	40	5/16"—18"x1"
SC3305	80	5/16"—18"x1 1/2"
SC3332	40	5/16"—24"x1"
SC3334	80	5/16"—24"x1 1/2"
SC3402	100	3/8"—16"x1"
SC3404	100	3/8"—16"x1 1/2"
SC3431	40	3/8"—24"x1"
SC3432	100	3/8"—24"x1 1/4"
SC3434	40	3/8"—24"x1 3/4"
SC3436	80	3/8"—24"x2 1/4"
SC3502	40	1/4"—14"x1"
SC3535	40	5/16"—20"x2"
SC3602	40	1/2"—13"x1 1/4"
SC3636	80	1/2"—20"x2 1/2"
SC3638	50	1/2"—20"x3"
		Machine screws.
SC705	80	No. 8—32"x 5/8" round head
SC717	60	No. 10—32"x 3/4" round head
SC742	80	No. 14—20"x 3/4" round head
SC802	40	No. 10—32"x1/2" flat head
SC830	50	No. 10—32"x 3/4" flat head
SC3701	50	No. 10—24"x 1/2" flat head
		Wood screws.
SC1281	80	No. 10x1" flat head
SC1311	80	No. 12x1 1/2" flat head

Property classification: Class. IV, Div. 9.

LOAD B-1 (Continued).

Part No.	No. Carried.	Part name.
		SCREWS—Continued.
		Fillister head cap screws.
SC602	40	No. 14—20"x1½"
SC603	50	¼"—20"x½"
SC604	50	¼"—28"x11/16"
SC605	40	¼"—20"x¾"
SC609	40	5/16"—18"x1¼"
		Set screws.
SC2112	40	5/16"—18"x½"
SC2136	40	¼"—20"x ¾" headless
SC2303	40	5/16"—18"x½" drill head screw
SC2312	40	5/16"—20"x1¼" drill head screw
		SPARK PLUGS.
31946	32	Spark plug (Titan ⅞")
30922	32	Spark plug gasket
		SPRING PARTS.
36084A	2	Spring complete, front (9 leaves)
36085A	2	Spring complete, rear (8 leaves). Can be used front or rear
34665	8	Spring main leaf (rear). Can be used front or rear
34658	24	Spring center bolt
36722	24	Spring rebound clip (fifth leaf front)
36724	24	Spring rebound clip (fifth leaf rear)
32662	4	Spring shackle
33524	24	Spring shackle bolt
35267	4	Spring plate (upper)
35034	64	Spring clip bolt
32513	16	Front and rear spring rear hanger bushing
		STARTING CRANK PARTS.
34552	10	Starting crank clutch
34553	8	Starting crank shaft spring
32673A	8	Starting crank assembly
32677	4	Starting crank swivel
		STEERING GEAR PARTS.
34922A	2	Steering tie rod complete
30616	4	Steering tube and steering iron ball
33579A	4	Steering drag link complete
		STEERING KNUCKLE PARTS.
32359A	2	Steering knuckle arm complete (front left)
32356A	2	Steering knuckle arm complete (front right)
32358	2	Steering knuckle arm complete (rear left)
32357A	2	Steering knuckle arm complete (rear right)
32053	32	Steering knuckle felt
32063	8	Steering knuckle pin bearing cone
32065	8	Steering knuckle pin bearings and retainer
32064	8	Steering knuckle pin bearing cup
		STRAPS.
	4	Straps, 34", style DV, 8 holes
	8	Straps, 52", style DV, 10 holes
	4	Straps, 12" long, style AV, 7 holes
	4	Straps, 15" long, style AV, 7 holes
	2	Straps, 22.75" long, style AV, 7 holes
	2	Straps, 15" long, style AVS, 7 holes
U8D	4	Straps, lantern
	2	Straps, 34" long, DV, 8 holes
	4	Straps, 52" long, style DV, 10 holes
		STUDS.
ST203	20	5/16"—14"x5¾"
ST208	40	½"—13"x2 5/16"
ST209	20	½"—13"x3⅛"
ST224	20	⅝"—16"x1½"
		TRANSMISSION PARTS.
32266	8	Spline shaft third speed gear washer (rear)
32268	4	Spline shaft ball bearing (front and rear)
32371	12	Transmission brake band lining

Property classification: Class. IV, Div. 9.

LOAD B-1 (Continued).

Part No.	No. Carried.	Part name.
		UNIVERSAL JOINT PARTS.
33005	48	Universal joint casing oil plug
33009	6	Universal joint spider
33010	64	Universal joint spider bushing
30596	4	Universal joint cover (inner)
30597	4	Universal joint cover (outer)
30595A	4	Knuckle universal joint complete
		VALVE PARTS.
34367	6	Valve chamber plug (intake)
34369	32	Valve chamber plug gasket
35564	24	Valve (exhaust and intake)
34387	32	Valve spring
34388	32	Valve spring retainer
34389	32	Valve spring retainer lock
34380	6	Valve tappet
34381	32	Valve tappet adjusting screw
34382	32	Valve tappet adjusting screw nut
		WASHERS.
		Plain washers.
WA317	40	3/4" x 3/4" No. 18
WA331	40	11/16"x1 3/4"x1/8"
WA339	40	7/8"x1 1/16"x1/8"
WA375	20	1 7/8"x2 1/8" No. 20
WA381	40	3/8"x1 1/2" No. 13
WA856	80	13/16"x1 1/2"x1/8"
WA857	20	1 1/2"x2 7/8" No. 28
WA1001	40	1/4"x 9/16" No. 16-18
WA1009	40	5/16"x1" No. 16-18
WA1010	20	11/16"x 1 1/8" No. 16-18
WA1020	40	3/8"x 1 1/4" No. 16-18
WA1025	40	13/32"x1" No. 14-16
WA1030	40	7/16"x 7/8" No. 14-16
		Felt washers.
WA454	80	2 1/8"x2 7/8"x1/2" felt
WA716	40	7/8"x1 1/8"x3/8" felt
35511	100	Differential housing cap felt washer
31205	40	Bearing cage felt washer
35473	80	Counter shaft bearing cap felt washer
35474	40	Spline shaft bearing cap felt washer
		Lock washers.
WA128	500	3/16" S.A.E. light
WA123	500	1/4" S.A.E. light
WA143	500	5/16" S.A.E. heavy
WA144	2000	1/4" S.A.E. heavy
WA145	2500	5/16" S.A.E.
WA146	2500	3/8" S.A.E.
WA147	2000	7/16" S.A.E.
WA148	1000	1/2" S.A.E.
WA150	500	5/8" S.A.E.
WA153	500	7/8" S.A.E.
WA202	50	29/32"x1 3/8"x1/4" locking washer
WA204	50	1 5/32"x2 1/4"x1/8" locking washer
		WATER PUMP PARTS.
35477A	2	Water pump complete
34443	64	Water pump packing
30521	2	Water pump packing nut, rear (L. H. thread)
34420	2	Water pump packing nut, front (R. H. thread)
34410	4	Water pump connection to cylinder gasket
		WHEEL PARTS.
32397	24	Wheel brake band lining
32715	16	Wheel brake anchor spring
32416	16	Wheel brake release spring
31097	2	Wheel drive pinion
31111	4	Wheel drive pinion roller bearing (large)
31115	4	Wheel drive pinion roller bearing (small)
32712	8	Wheel hub cap
32714	8	Wheel hub cap and lock wire

Property classification: Class. IV, Div. 9.

CHAPTER VII.

LOAD C.

Consisting of:

2 Supply Chests
1 Spring Chest
1 Fluid Chest C
2 Floor Boxes
1 Bench Chest

BENCH CHEST CONTAINS:

1 Carpenter's Chest
1 Saddler's Tool Kit
1 Optical Instruments Spare Parts Chest
1 Optical Repair Chest
1 Optical Instruments Spare Parts Chest

NOTE: The following items, listed in alphabetical order, are contained in the various chests of this load. For any individual chest's contents see page 69.

Part No.	No. Carried.	Part name.
		Ammonia, 1 qt.
		Ammonium carbonate, 2 lbs.
	12	Awl blades, harness, Nos. 43 to 48 inc.
	1	Awl seat, handled.
	1	Awl, pegging.
	1	Axe, bench.
	2	Bags, canvas, for small stores.
	1	Bevel, 8".
	6	Bits, auger, sizes .25", .5", .75", 1", 1.25" and 1.5".
	1	Bit, expansion, two cutters, .875" to 3".
	3	Bits, screwdriver, sizes .375", .625" and .75".
	1	Bit, wood countersink, .625" diam.
	3	Bottle, for ammonia, in box.
	1	Brace, ratchet, 10" sweep.
	6	Brushes, paint, 4" flat (commercial).
		Cans, 2½ gal.
		1 for sperm oil
		2 for sal soda.
	1	Can, qt. size.
	1	Can, ½ gal.
	20	Cans, 2½ gal. capacity.
	1	Carriage, pricking, 3 wheels.
	1	Compass, 6".
	2	Chest, supply } For carrying spare and reserve parts.
	1	Chest, spring }
	1	Chest, optical repair equipment.
	1	Chest, optical instruments spare parts.
	1	Chest, fluid, "C".
	1	Chest, preserving materials.
	1	Carpenter's chest.
	3	Chisels, socket framing, sizes .75", 1" and 1.5".
		Cosmic, No. 80, soft, 1 qt.
	1	Creaser, double, lignum vitae.
	1	Divider, wing 10".
	4	Drills, twist, sizes .187" ($\frac{3}{16}$), .218" ($\frac{7}{32}$), .25" and .281" ($\frac{9}{32}$).
	1	Edge tool, No. 1.
	1	Edge tool, No. 2.
	2	Extra blades with followers for draw gauge.
	1	File, 10" flat bastard.
	6	Files, saw, sizes 4" and 6".
	1	Gauge, draw, brass, without guard.
	1	Gauge, marking.
	2	Gouges, socket firmer, sizes .5" and 1".
	1	Hammer, No. 3 riveting.
	1	Handle, peg awl, with wrench.
	2	Hafts, patent awl, with wrench.
	1	Hammer, claw.
	2	Handles, file.
	1	Handle, tool (containing 10 tools).
	1	Knife, round.
	1	Knife, splitting, 6".
	1	Knife, drawing, 9" blade.

Property classification: Class. IV, Div. 9.

LOAD C (Continued).

Part No.	No. Carried.	Part name.	
	1	Mallet	
	1	Nail set	
	1	Needlecase, leather	
	1	Needles, glovers, No. 3, paper	
	2	Needles, harness, No. 4, papers	
	2	Needles, harness, No. 5, papers	
	2	Needles, harness, No. 6, papers	
	12	Needles, sacking, assorted	
	1	Nippers, cutting, 10"	
	1	Oiler	
	1	Oil stone (unmounted)	
		Oil, sperm, 2½ gal	
	1	Oil stone (unmounted)	
		Paint, camouflage, green, 12½ gals	
		Paint, camouflage, yellow, 12½ gals	
		Paint, camouflage, cream, 12½ gals	
		Paint, camouflage, black, 12½ gals	
	2000	Patches, Tampa flannel	
	1	Pincers, small, 8"	
	1	Plane, Jack, 16"	
	1	Plane, smoothing, 8"	
	1	Plate, auger, handle	
	1	Pliers, 6"	
	4	Punches, round, assorted	
	1	Punch, revolving, 4 tubes	
	1	Rasp, wood, 10"	
	1	Reamer, half round	
	1	Rule, boxwood, 2', four fold	
	1	Rivet set	
	1	Rule, boxwood, 2', four fold	
		Saddlers' sheepskin tool kit	
		Sal soda, 10 lbs	
	4	Straps, 34" long, style DV, 8 holes	
	8	Straps, 52" long, style DV, 10 holes	
	1	Sewing palm, leather	
	1	Slicker, steel	
	1	Shears, 10", bent trimmers	
	1	Shoe knife, broad point	
	1	Saw, crosscut, 24", 7 point	
	1	Saw, rip, 24", 5 point	
	1	Saw set	
	1	Screwdriver, 5" blade	
	1	Spoke shave	
	1	Square, steel	
	1	Shoe knife, square point	
	1	Stitching clamp	
	1	Screwdriver, 3" blade	
	1	Tape, linen, 100 ft	
	1	Tool, claw	
	2	Thimbles, best aluminum lined, two sizes	
	1	Vise, table, 2.5" jaw	
	1	Wrench, screw, 12"	

Property classification: Class. IV, Div. 9.

CHAPTER VIII.

LOAD D.

Consisting of:

1 Supply Chest
1 Spring Chest
1 Fluid Chest D
1 Bench Chest
2 Floor Boxes
1 Stock Box
1 Forge Chest

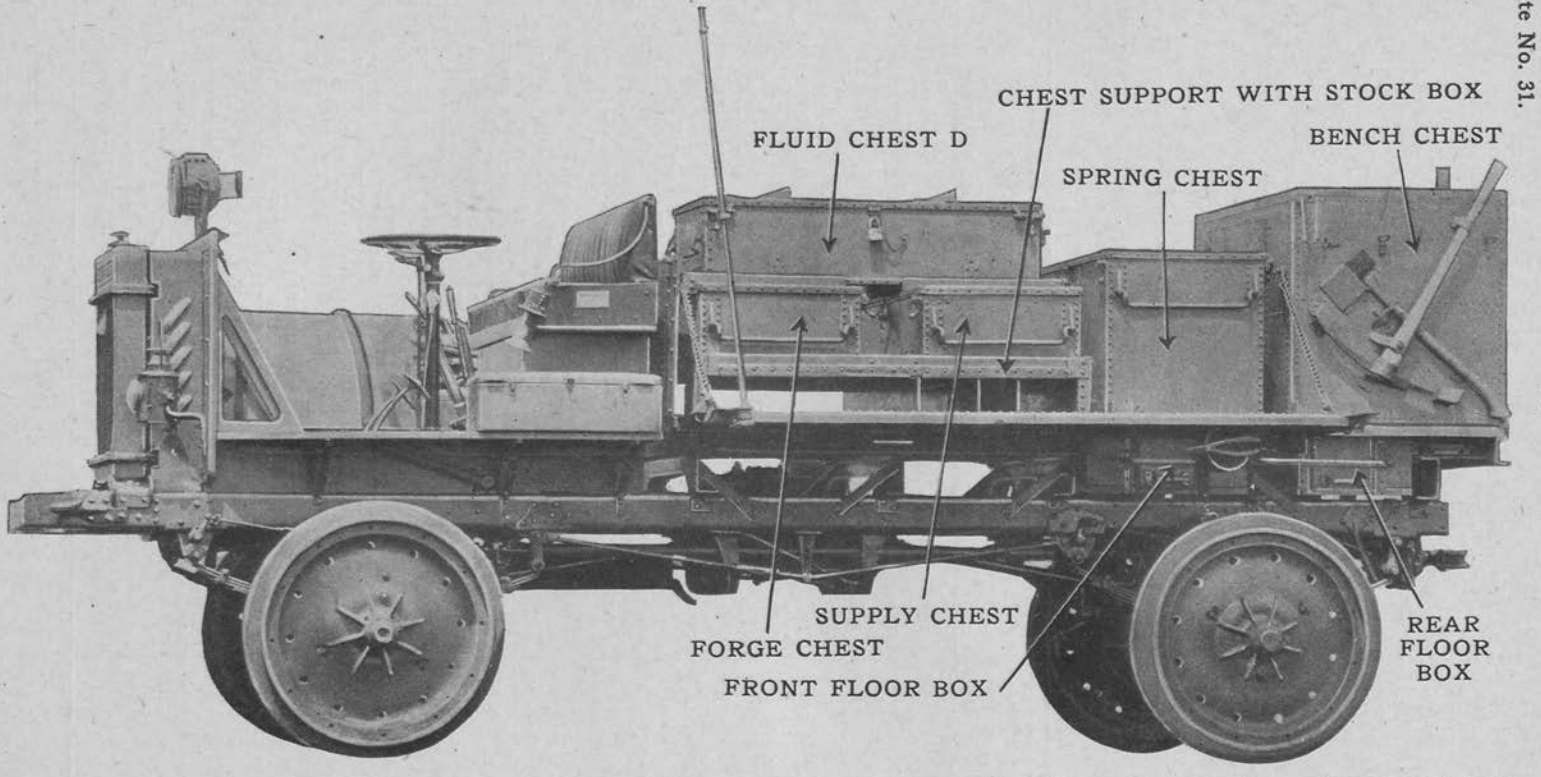
BENCH CHEST CONTAINS:

1 Chain Block Chest
1 Carpenter's Chest
1 Grindstone Chest
1 Bolt and Rivet Chest
2 Miscellaneous Chests

NOTE: The following items, listed in alphabetical order, are contained in the various chests of this load. For any individual chest's contents see page 70.

Part No.	No. Carried.	Part name.
		In addition to the regular equipment listed on this table, this vehicle will carry certain special equipment when it is operating in a Divisional Mobile Repair Shop. (For list of special equipment see page 110.)
9-1		Acid, muriatic, 1 lb. (18° to 20° acidity)
	1	Anvil, 100 lbs.
U26E2	2	Aprons, blacksmith's
U57A	1	Axe, bench, 7" blade
U26A,B	2	Bags, canvas for nails
	2	Bags, canvas for small stores
	1	Bevel, 8" rosewood handle, flush lever
	6	Bits, auger, sizes .25", .5", .75", 1", 1.25", 1.5"
	1	Bit, expansion, two cutters ⅞" to 3"
	3	Bits, screwdriver, sizes, .375", .625" and .75"
	1	Bits, wood, countersink, .625
	1	Brace, ratchet, 10" sweep
U80E1	1	Block, Duplex Chain Y. & T., 2-ton. (The above chain block and chest will be carried only in 75 M.M. Field Gun, 4.7" Gun and 155 M.M. Howitzer Batteries)
		BOLTS.
		Bolts, machine, square head with square nuts
	50	⅜"x1¼"
	50	⅞x2"
	25	½"x1¼"
	25	½"x2"
	25	½"x3"
	25	⅝"x3"
	25	¾"x2"
	25	¾"x4"
		Bolts, stove, with nuts (round head)
	100	⅜"x1"
	100	⅜"x1½"
	100	¼"x1"
	100	¼"x1½"
	4	Brushes, paint, 4" flat (commercial)
	1	Brush, varnish, No. 6-0
	1	Box, labelled "Sal-Soda"
	1	Box, labelled "Sal-Ammoniac"
	1	Borax, lb.
1F,G	2	Boxes, for stencil paste
	2	Bucket, water, galvanized steel
	1	Bag for forge coal
	2	Bolos, model 1917
	1	Bottle for acid, 16 oz.
	30	Buckles, roller, 1.25", bronze
	1	Box, wooden, labeled "Acid"
	1	Bar, bronze, for bushings, Non-Gran assortment No. 6-54

Property classification: Class. IV, Div. 9.



LEFT SIDE OF BODY SHOWING LOAD D ONLY, THIS BEING THE ONLY LOAD USING A CHEST SUPPORT WITH STOCK BOX

LOAD D (Continued).

Part No.	No. Carried.	Part name.
	2	Burner, lantern
	1	Can, screw top, 1 gal. capacity (this will contain Japan drier)
	4	Cans, screw top, ½ gal. capacity
		1 contains borax
		1 contains cyanide of potassium
		1 contains standard O. D. paint
		1 contains special quick drying O. D. paint
	14	Cans, paint, 2½ gal. capacity
		2 contain camouflage paint, black
		2 contain camouflage paint, cream
		2 contain camouflage paint, green
		1 contains camouflage paint, yellow
		1 contains engine oil
		1 contains kerosene
		1 contains lard oil
		1 contains gasoline
		1 contains Pyrene liquid
		1 contains turpentine
		Cyanide of potassium, 1 lb
	1	Chest, fluid "D"
96A1	1	Chest, for Duplex chain block, 2-ton
	1	Chest, forge
	1	Chest, carpenter's
	3	Chisels, socket, framing sizes, 0.75", 1" and 1.5"
U109C	1	Chisel, hot iron
U127B	1	Chisel, cold 8"
U109D	1	Chisel, handled, for cold iron, 2 lbs
	1	Cloth, crocus, quire
	2	Cloth, emery, No. ½, quires
	2	Cloth, emery, No. 00, quire
	12	Clamp, Cooper, adjustable
	1	Carburetor, complete, Stromberg, model L2, 14", for Nash, or
	1	Carburetor, complete, Stromberg, model G, 1½" for F. W. D.
	1	Chest, grindstone
	1	Chest, miscellaneous
	1	Chest, spring
	1	Chest, supply
	1	Chest, for bolts and rivets
U56C	1	Crowbar, 60"
	50	Coal, blacksmith's, lbs
	15	Calcium carbide, 2-lb. cans
	25	Cable, high tension, Packard S.A.E ignition, feet
	1	Divider, wing, 10"
	4	Drills, twist, sizes $\frac{3}{16}$", $\frac{7}{32}$", ¼" and $\frac{9}{32}$"
U125C	1	Drill, ratchet
U125A,B,D	6	Drills, flat, ¼", ⅜", ½" (2 each)
	1	Drier, Japan, gal
		ELBOWS, MALLEABLE IRON.
	3	⅜" standard I.P
	3	½" standard I.P
	3	¾" standard I.P
	3	1 " standard I.P
	1	Extractor, screw, "Ezy Out" set
U69U	1	File, flat bastard, double cut, 10"
U69Q,S	6	Files, saw, sizes 4" and 6"
U129B	1	File, flat bastard, double cut, 12"
U109A	1	Flatter, 1½" square face
	1	Forge, portable, "Empire," complete, modified for army use, with wrench
		Gasoline, 2½ gals
	1	Gauge, marking
	2	Gauge, socket, firmer, sizes ½" and 1"
U8F	2	Globes, lantern
	1	Grindstone with frame complete
	1	Hammer, claw, adze edge, bell face, 1 lb. 4 oz
U130D1	2	Handle, file, aluminum
	1	Handle, tool containing 10 tools
	3	Handles, short handle shovel
	4	Handles, hatchet
	2	Handles, pick mattock
	2	Handles, pickaxe
	2	Handles, axe
	2	Handles, axe
	2	Handles, long handle shovel

Property classification: Class. IV, Div. 9.

LOAD D (Continued).

Part No.	No. Carried.	Part name.
U110B1	1	Hammer, riveting, 1 lb., 2 oz.
U110A1	1	Hammer, hand, 2 lb.
U130D1	1	Handle, file, aluminum
U109B	1	Hardie, 0.75 square shauk, 1.25" bit
		Kerosene, 2½ gals.
	1	Knife, drawing 9" blade
		Liquid, Pyrene, 2½ gals.
	1	Mallet
		Metal, babbitt, 12 lbs. (For medium pressure and high speed tin, 30%; antimony, 20%; lead, 50%.)
	1	Magneto, Eisemann G-4, second edition complete with impulse starter, clockwise (for Nash truck)
		OR
	1	Magneto, Eisemann G-4, second edition complete with impulse starter, counter-clockwise (for F.W.D. truck)
	1	Measure, copper, 1-qt. capacity graduated in pints and litres
	1	Nail set
U130B	1	Oiler
U130F	1	Oiler
	1	Outfit, marking for leather
	1	Outfit, marking for metal
	1	Outfit, stencil
		Oil, medium, gasoline engine, 2½ gals.
		Oil, sperm, 2½ gals.
		Oil, lard, 2½ gals.
		Paint, camouflage, black, 2½ gals.
		Paint, camouflage, cream, 5 gals.
		Paint, camouflage, green, 5 gals.
		Paint, camouflage, yellow, 5 gals.
K	5	Paste, stencil, black, oz.
	5	Paste, stencil, white, oz.
		Paint, standard O.D. ½ gal.
		Paint, special quick drying O.D. ½ gal.
	1	Pincers, small 8"
	1	Plane, jack, wood, 16, 2¼" double bit
	1	Plane, smoothing, wood 8", 2" double bit
U177C	1	Plate, auger handle
		PIPE, WROUGHT IRON.
	1	⅜" I.P. x 4 ft.
	1	½" I.P. x 4 ft.
	1	¾" I.P. x 4 ft.
	1	1" I.P. x 4 ft.
U131C1	1	Punch, fore and creaser, dbl. headed
U131D1	1	Punch, nail
U126B	1	Pritchel, 9"
U126A	1	Punch, round, 0.312"
U126D	1	Punch, round, 0.375"
U126C	1	Punch, square, 0.312"
U128C	1	Rake, fire
U130A	2	Rules, boxwood, 2 ft. 4 fold
U69T	1	Rasp, wood, 10" half-round
	1	Reamer, half-round
		RIVETS.
		Rivets, brass, button head:
	2	¼"x1" lbs.
		Rivets, countersunk, 60° head:
	5	⅜"x¾" lbs.
	5	½"x2½" lbs.
	5	½"x3" lbs.
	5	⅝"x2½" lbs.
		Rivets, round head:
	1	3/16"x½" lb.
	1	3/16"x¾" lb.
	1	3/16"x1" lb.
	2	¼"x¾" lbs.
	3	¼"x1" lbs.
	3	¼"x1¼" lbs.
	1	5/16"x¾" lb.
	1	5/16"x1" lb.
	1	5/16"x1½" lb.
	8	⅜"x1" lbs.
	8	⅜"x1¾" lbs.
	4	½"x1¼" lbs.

Property classification: Class. IV, Div. 9.

LOAD D (Continued).

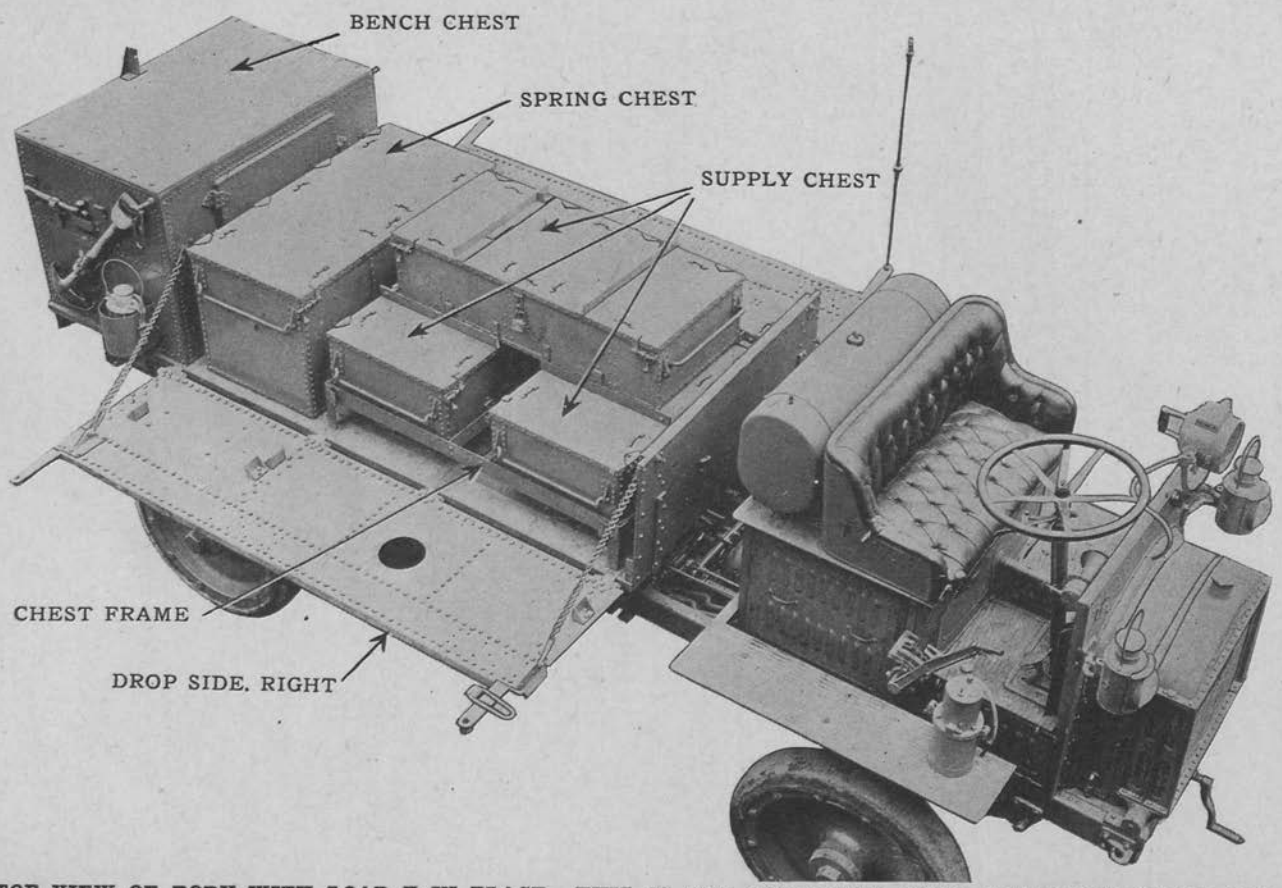
Part No.	No. Carried.	Part name.
		RIVETS—Continued.
	4	½"x2" lbs.
	5	5/8"x1½" lbs.
	8	¾"x2¼" lbs.
		ROD, BRASS, ROUND (HALF HARD).
	1	⅛"x4 ft.
	1	¼"x4 ft.
	1	⅜"x4 ft.
	1	¾"x4 ft.
U115C	1	Rope, manilla, 1" dia. x 150 ft. long.
	1	Sal ammoniac, lump, lbs.
	5	Sal soda, lbs.
	1	Stamp, seal (in stencil box)
3L	1	Stencil, Ord. Dept., insignia.
U69K	1	Screwdriver, 5" blade.
	1	Spoke-shave, adjustable.
	1	Square, steel, 12" body and 8" tongue.
	24	Spark plug, ⅞" S.A.E. "Titan".
U53A,B	1	Sledge, Model 1907.
	2	Scabbards, bolo, Model 1917.
	1	Sandpaper No. 2½, quire.
	1	Shellac, orange, 1-pt. can.
	4	Strap, 34" long, style DV., 8 holes.
	8	Strap, 52" long, style DV., 10 holes. (These straps for holding the Spring Chest, Forge Chest and Fluid Chest in place.)
	1	Support, Chest, with Bar Stock Box assembled.
	1	Stone, oil, unmounted.
	1	Saw, crosscut, 24", 7 point.
	1	Saw, rip, 24", 5 point.
	1	Set, saw.
U128B	1	Shovel, fire.
U124A	1	Square.
	1	Screw-plate, taps and dies, (U.S.S.), with tap wrench, including chest (Drg. 76-7-77).
U48A1	1	Set, rivet, 5/8".
U48B1	1	Set, rivet, ½".
U48C1	1	Set, rivet, 3/8".
U48D1	1	Set, rivet, ¼".
U48E1	1	Set, rivet, 5/16".
		STOCK, BAR.
		Steel, cold rolled, hexagon:
	1	¾"x4 ft.
	1	1"x4 ft.
	1	1¼"x4 ft.
		Steel, cold rolled, round:
	2	3/16"x4 ft.
	2	¼"x4 ft.
	2	5/16"x4 ft.
	1	½"x4 ft.
	1	5/8"x4 ft.
	1	¾"x4 ft.
	1	1"x4 ft.
	1	1¼"x4 ft.
		Steel, cold rolled, square:
	1	½"x4 ft.
	1	¾"x4 ft.
	1	1"x4 ft.
		Steel, flange, (sheared plates):
	1	1/16"x2 ft. x4 ft
	1	3/32"x2 ft. x4 ft.
	1	⅛"x2 ft. x4 ft.
	1	5/32"x2 ft. x4 ft.
	1	¼"x2 ft. x4 ft.
		Steel, forged, flat:
	1	⅜"x1"x4 ft.
	1	5/8"x1¼"x4 ft.
	1	½"x1¼"x4 ft.
	1	5/8"x2"x4 ft.
	1	5/8"x2½"x4 ft.
	1	¾"x1½"x4 ft.
	1	¾"x2½"x4 ft.
	1	1"x2"x4 ft.
	1	1"x3"x4 ft.

Property classification: Class. IV, Div. 9.

LOAD D (Continued)..

Part No.	No. Carried.	Part name.
		STOCK, BAR—Continued.
		Steel, forged, round:
	1	¼"x4 ft
	1	⅜"x4 ft
	1	½"x4 ft
	1	⅝"x4 ft
		Steel, tool, flat, Armstrong Special or equal:
	1	⅜"x½"x3 ft
		Steel, tool, round:
	1	¼"x3 ft
	1	½"x3 ft
		Steel, tool, square:
	1	3/16"x3 ft
	1	¼"x3 ft
	1	⅜"x3 ft
	1	5/16"x3 ft
	1	7/16"x3 ft
	1	Tape, linen, 100 ft
U127A1	1	Tongs, horseshoer's, 12"
U127C	1	Tongs, ¼" iron
U127D	1	Tongs, ½" iron
		Turpentine, 2½ gals
	5	Tape, friction, ¾", ½ lb. rolls
	5	Tape, rubber, ¾", ½-lb. rolls
	1	Vise, table, 2" jaw
		WASHERS, WROUGHT IRON.
	2	¼" lbs
	2	5/16" lbs
	5	7/16" lbs
	3	⅜" lbs
	4	11/16" lbs
	4	13/16" lbs
	1	Wire, copper, No. 16, B&S gauge, spool
	1	Wire, soft steel, No. 16 B&S gauge, spool
U8E	6	Wicks, lantern
	1	Wrench, adjustable spanner 3"x4½"
		Waste, white, cotton, 25 lbs
U130C	1	Wrench, screw, 12"
U130C	1	Wrench, screw, 12"
		Additional equipment carried on artillery supply truck, Load D, when used in connection with mobile repair shop.
	*1	Chest, optical repair equipment
	*1	Chest, optical instrument spare parts
		(The above chests will be furnished by the Mobile Gun Carriage Section.)
	**4	Cloth, crocus (extra), quires
	**1	Jack, elevating, 3-ton
	**1	Jack, elevating, 6-ton
	**15	Chain, ¼", ft
		*Carried on one truck only (of the three trucks).
		** Carried on each of the three trucks.

Property classification: Class IV, Div. 9.



TOP VIEW OF BODY WITH LOAD E IN PLACE. THIS IS THE ONLY LOAD USING THREE SUPPLY CHESTS

Plate No. 32.

CHAPTER IX.

LOAD E.

Consisting of:

3 Supply Chests
1 Spring Chest
1 Bench Chest
2 Floor Boxes

NOTE: The following items, listed in alphabetical order, are contained in the various chests of this load. For any individual chest's contents see page 72.

Part No.	No. Carried.	Part name.	
	3	Chests, supply	*Property classification:* Class. IV, Div. 9.
	1	Chests, spring	
	4	Straps, 34", style DV, 8 holes	
	8	Straps, 52", style DV, 10 holes	
	1	Support, chest	
		In these chests, and wherever else expedient on the trucks will be carried tools and accessories pertaining to heavy gun and Howitzer materiel, heavy spare parts (assembly) for motor vehicles, and supplies in bulk; such as large cans of grease, drums of oil, etc., varying according to the requirements of the organizations to which the truck belongs.	
		Additional equipment carried on artillery supply truck, Load E, when used in connection with mobile repair shop.	
	*1	Chest for triplex chain block (10-ton) containing:	
		Triplex chain block, Y&T, (10-ton)	
		*Carried on one truck only (of the three trucks).	

GENERAL INDEX

INDEX.

A

B

C

D

E

F

T

V

W

DECIMAL EQUIVALENTS OF AN *INCH* FOR EACH 1-64TH INCH

32nds.	64ths.	Decimal.	Fraction.	32 ds.	64ths.	Decimal.	Fraction.
	1	.015625			33	.515625	
1	2	.03125		17	34	.53125	
	3	.046875			35	.546875	
2	4	.0625	1-16	18	36	.5625	9-16
	5	.078125			37	.578125	
3	6	.09375		19	38	.59375	
	7	.109375			39	.609375	
4	8	.125	1-8	20	40	.625	5-8
	9	.140625			41	.640625	
5	10	.15625		21	42	.65625	
	11	.171875			43	.671875	
6	12	.1875	3-16	22	44	.6875	11-16
	13	.203125			45	.703125	
7	14	.21875		23	46	.71875	
	15	.234375			47	.734375	
8	16	.25	1-4	24	48	.75	3-4
	17	.265625			49	.765625	
9	18	.28125		25	50	.78125	
	19	.296875			51	.796875	
10	20	.3125	5-16	26	52	.8125	13-16
	21	.328125			53	.828125	
11	22	.34375		27	54	.84375	
	23	.359375			55	.859375	
12	24	.375	3-8	28	56	.875	7-8
	25	.390625			57	.890625	
13	26	.40625		29	58	.90625	
	27	.421875			59	.921875	
14	28	.4375	7-16	30	60	.9375	15-16
	29	.453125			61	.953125	
15	30	.46875		31	62	.96875	
	31	.484375			63	.984375	
16	32	.5	1-2	32	64	1.	1