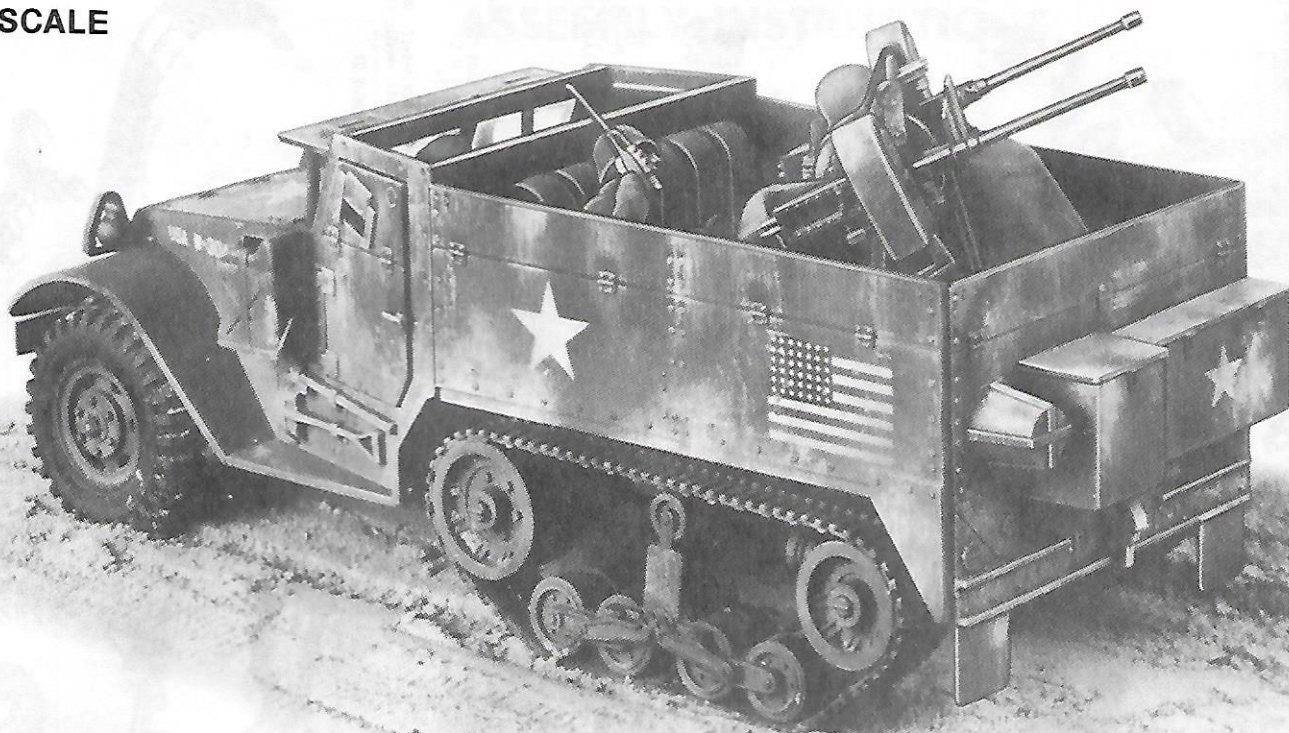


1/35 SCALE



Kit No. 8215

Armored Half-track

M-16 Multiple Gun Motor Carrier

One of the best known and certainly one of the most interesting of all vehicles was the Armored Half Track, officially designated the Multiple Gun Motor Carrier, M-16. The Half Track was a heavily armored vehicle with crawler tracks at the rear, standard truck wheels with heavy lugged tires at front and a heavy-duty roller mounted on the front bumper to assist over extremely rough ground.

The M-16 was used to carry many different types of armament, but the most common type mounts the twin .50 caliber machine guns in a power operated turret.

The Half Track was a big vehicle with a wheelbase (from center of front wheels to center of track) of 135- $\frac{1}{2}$ inches, and an overall length of 256- $\frac{1}{4}$ inches (21 feet, 4- $\frac{1}{4}$ inches). It stood 93 inches high to top of gun turret.

Powered by a truck type 6 cylinder engine of 147 horsepower, the top speed of the Half Track was 40 m.p.h. The gearbox supplied four speeds forward and two in reverse. With $\frac{1}{4}$ inch thick armor plate, the vehicle weighed 20,767 pounds, over 10 tons. With power delivered to both front wheels and rear tracks, the Half Track could be used in rough terrain, mud or sand, where ordinary wheeled vehicles could not operate.

Your Monogram model of the Half Track is accurately scaled from official drawings and data. It has heavy-lugged, true-scale tires and tracks molded in black rubber-like plastic, complete underbody and interior details and many operating features. The model also mounts two spare fuel cans, axe, pick and shovel in straps on the sides, plus ten spare ammunition drums in the body of the vehicle.

The Monogram model of the Half Track has been designed to provide action as well as scale realism. The doors are hinged and can be opened to show the interior details. The gun turret revolves and the guns can be elevated or depressed. The figures of the 10 men, in various authentic positions, help add realism and show the scale proportions of your Half Track.

IMPORTANT! READ THIS BEFORE YOU BEGIN ASSEMBLY

Read through the instructions and study the assembly and exploded drawings to become familiar with all parts of the model. Once you have done this, begin assembly with step one.

Each plastic part is identified by a number on the part or on a tab alongside of the part. In the assembly instructions and drawings the part number is indicated. Do not detach parts from the trees until you are ready to use them.

After cutting off the required part, trim away any excess bits of plastic that are not part of the usable piece. Use a sharp knife, such as a modeling knife, available at your hobby counter. Check the fit of each piece before you cement it in place. Use only cement specified for use with styrene plastic.

Do not use too much cement to join parts. All plastic cements contain solvents that dissolve the plastic forming a weld between the parts. Too much cement can soften and distort the plastic, spoiling your model's appearance. The tip of a toothpick is helpful in applying cement to small or confined areas.

If you desire to paint your model, refer to instruction "Painting Your Model" before assembling.



MONOGRAM MODELS, INC. Morton Grove, Ill. Copyright © 1966 & 1972

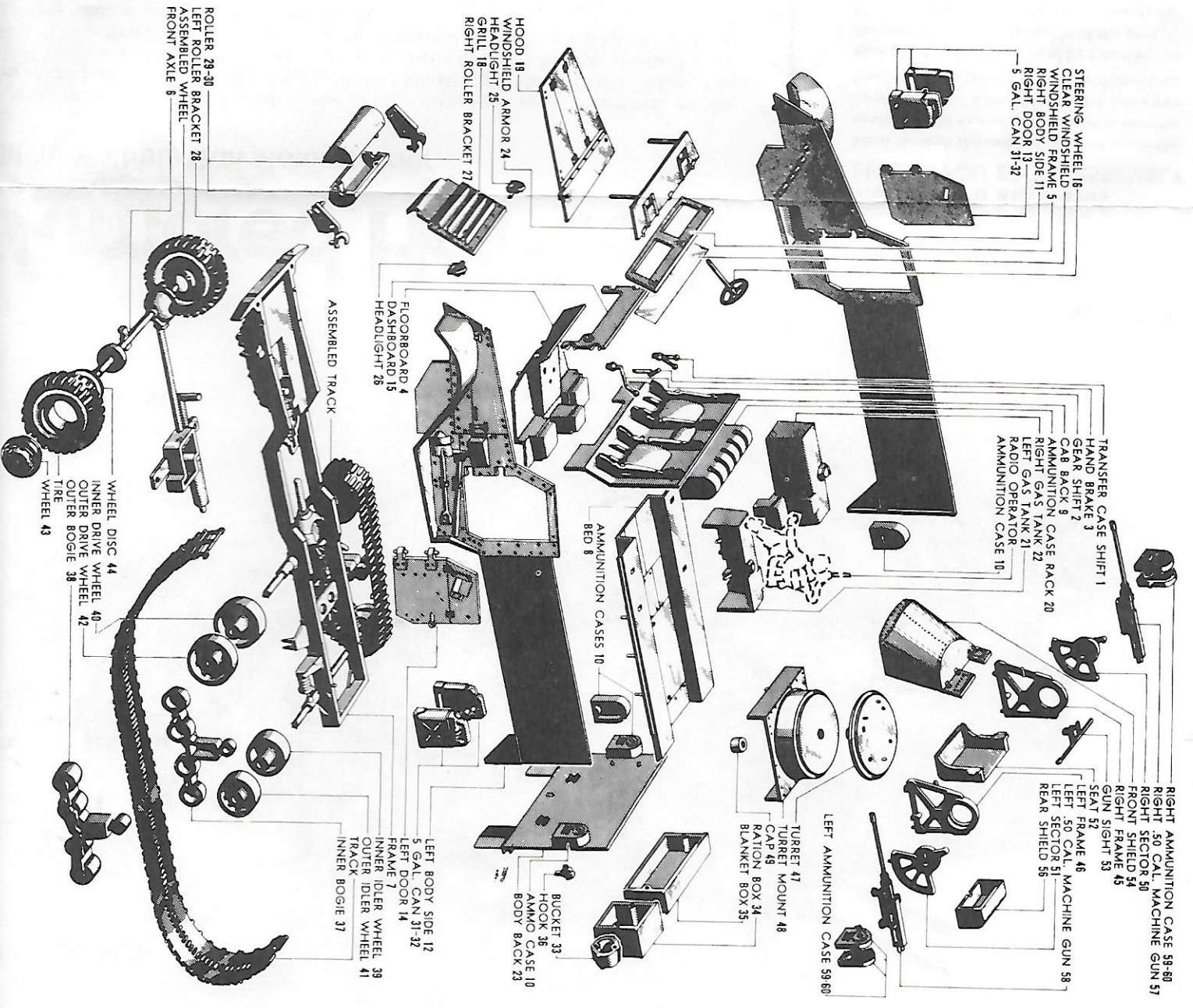
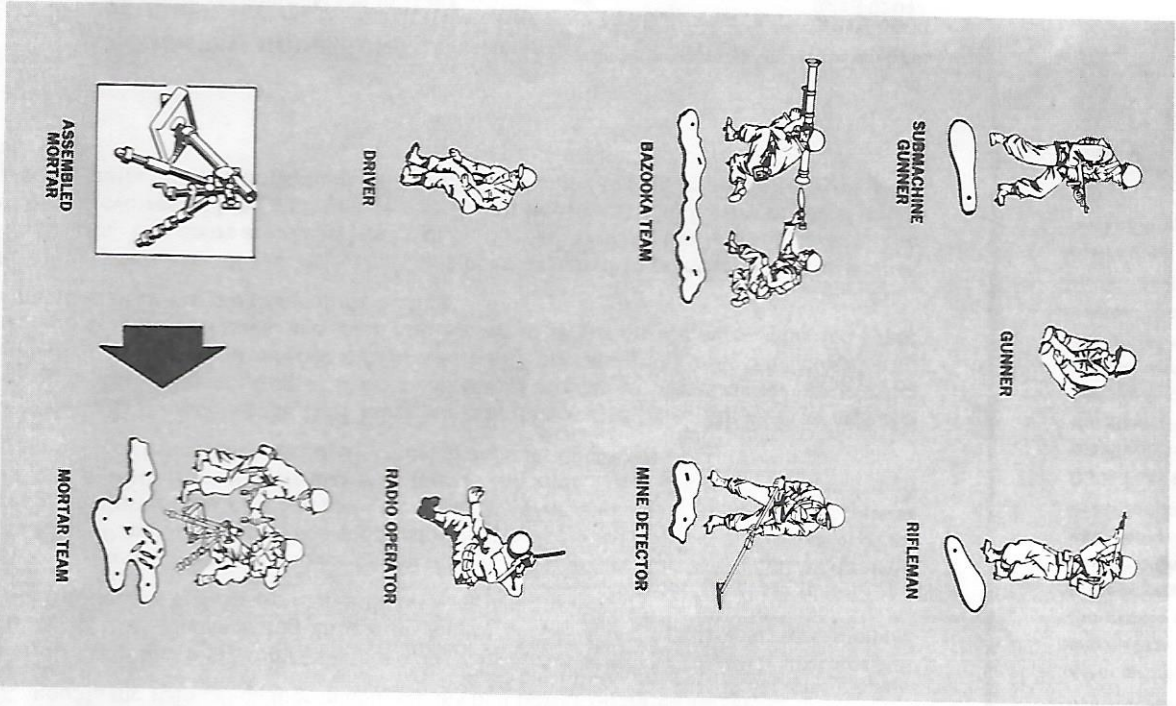
All rights reserved. Made in U.S.A.

8215-0201

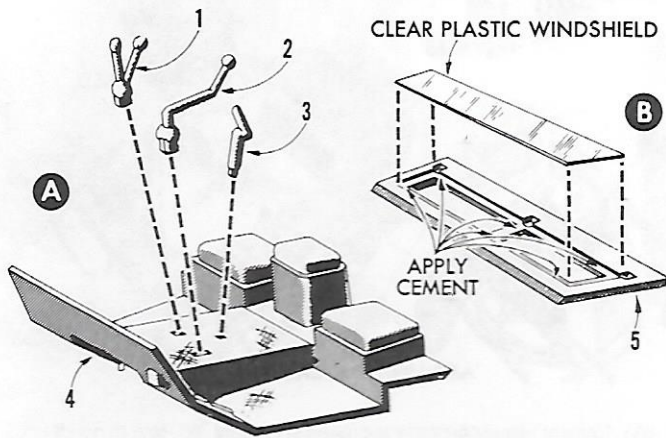
STUDY THIS EXPLODED DRAWING

Become familiar with the name of every part, where it goes and how it fits with other parts before you begin assembly. Keep in mind the importance of not rushing the assembly. Haste usually results in a poorly assembled model.

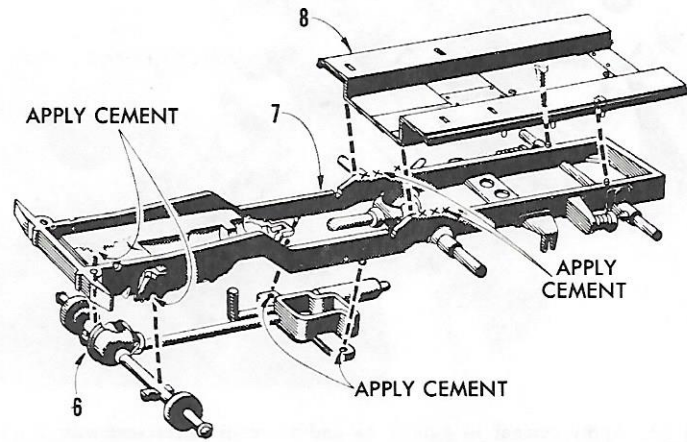
The additional figures around the outside in an action scene. The vehicle can be placed around the outside in an action scene.



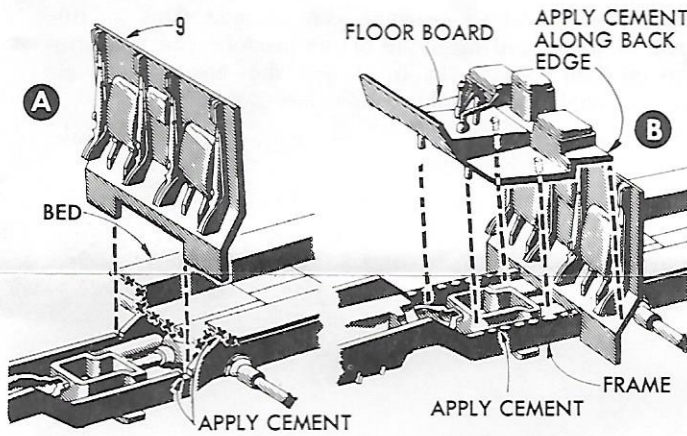
ASSEMBLY INSTRUCTIONS



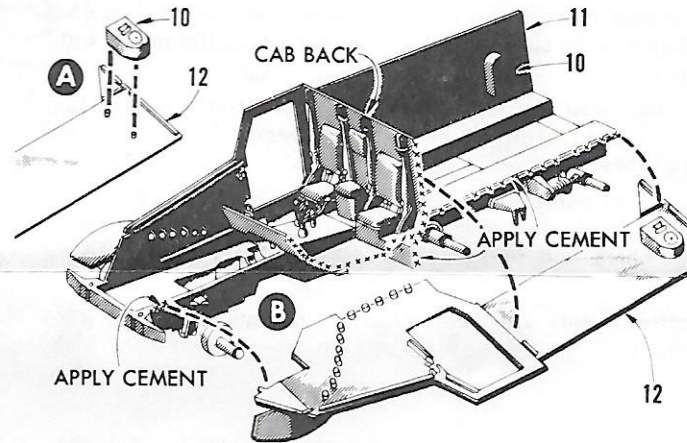
1 (A) Cement the transfer case shift 1, gear shift 2 and hand brake 3 into holes in floorboard 4 as shown above. (B) Apply cement to windshield frame 5 as indicated above and press clear plastic windshield in place.



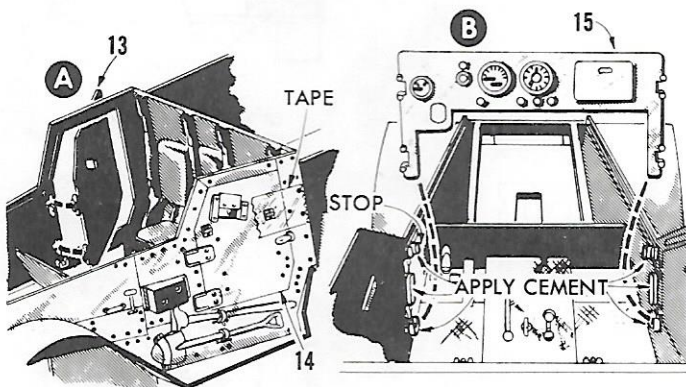
2 Apply cement to frame 7 and front axle unit 6 as indicated on drawing. Attach front axle unit so that two lineup holes on bar fit over lineup pins on frame. Also, front axle fits into notches on frame. Apply cement to frame as indicated by X's and to both lineup pins at rear. Press bed 8 in place. Lineup pins fit into holes in bed.



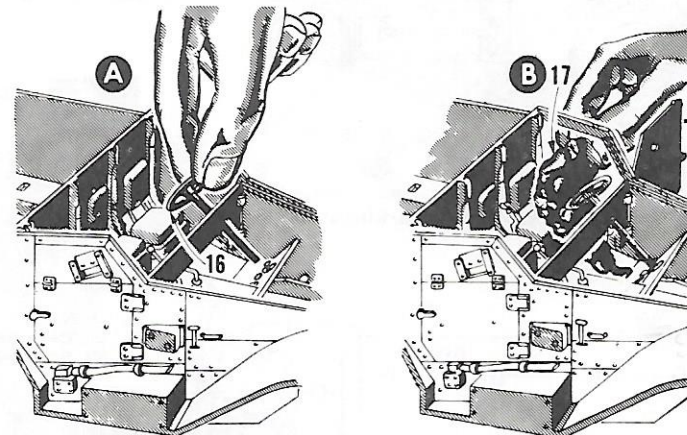
3 (A) Apply cement to bed and frame as indicated. Attach cab back 9 making sure it is pressed tightly against bed. (B) Attach floorboard to frame as shown in illustration.



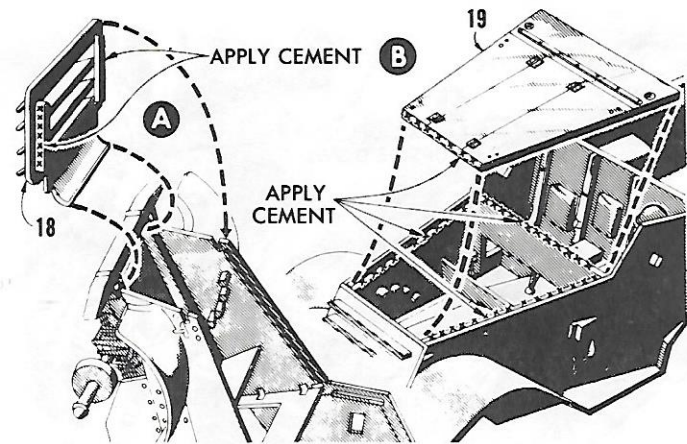
4 (A) Cement an ammunition case 10 to each body side 11 and 12 near rear. Pins on body sides fit into holes in cases. (B) Attach body sides as indicated in sketch. Make sure sides are pressed tightly in place.



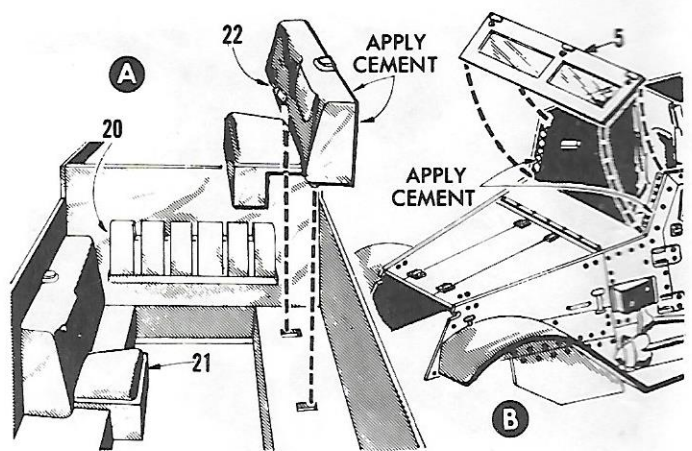
5 (A) Insert both doors 13 and 14 into door openings in body sides. Do not cement them in place. Hold door in position with tape. (B) Apply small amounts of cement to areas shown in sketch and insert dashboard 15. Bottom of dashboard fits into "U" channel and top fits against stop shown. Do not get cement on door hinges or doors will not open.



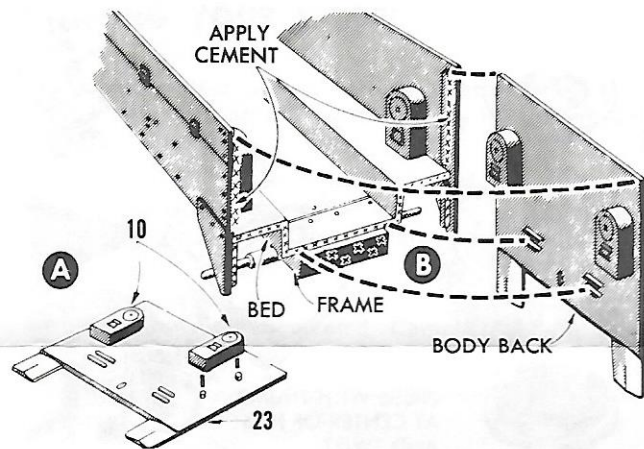
6 (A) Insert (do not cement) steering wheel 16 through hole in dashboard so end of steering column fits into slot in floorboard. (B) Open left door and apply cement to driver's seat. Insert driver 17 feet first through door opening and place on seat. Cement steering wheel column to dashboard and floorboard.



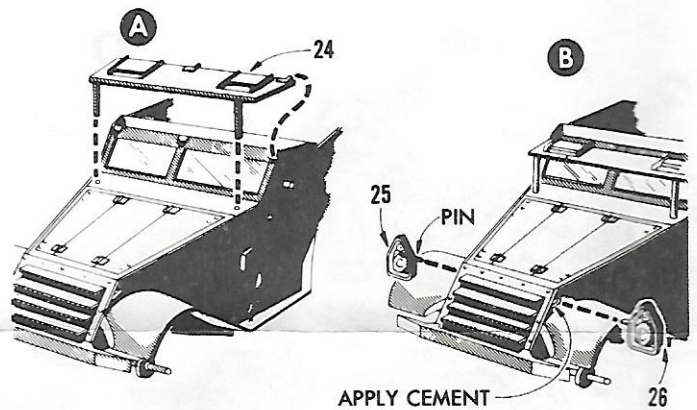
7 (A) Apply cement to back of grill 18 as indicated above and attach it to front of body. (B) Apply cement to top edge of dashboard, to top of ledges inside body and to front edge of hood 19. Fit hood in place and press it down tightly.



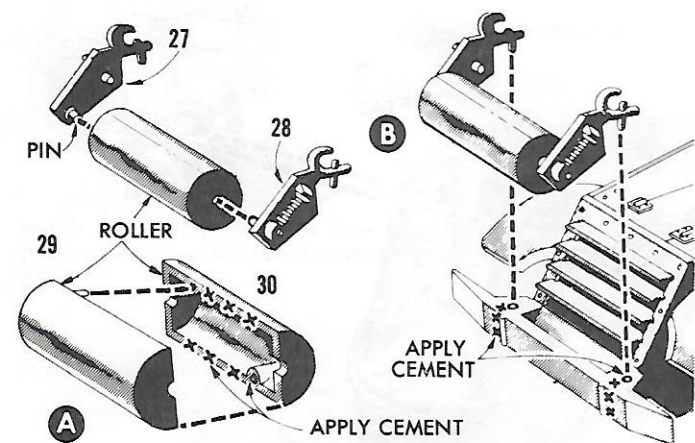
8 (A) Apply cement to left and right gas tanks 21 and 22 and attach them to body. Cement ammunition case rack 20 to cab back. (B) Cement windshield frame 5 between body sides as shown.



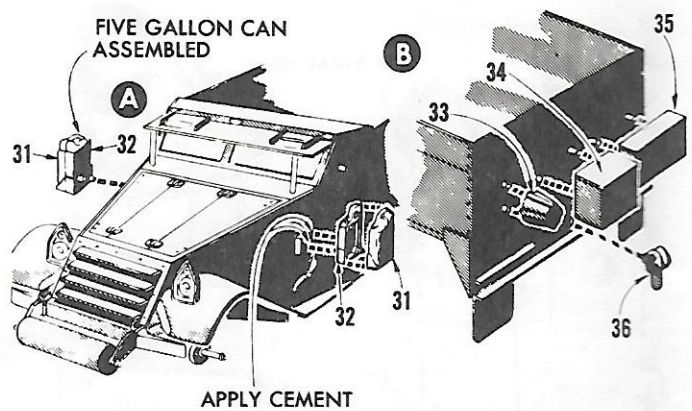
9 (A) Cement two ammunition cases 10 to inside of body back 23 as shown in sketch A. (B) Put cement along ledges on body sides, on end of bed and frame. Attach body back to rear of body.



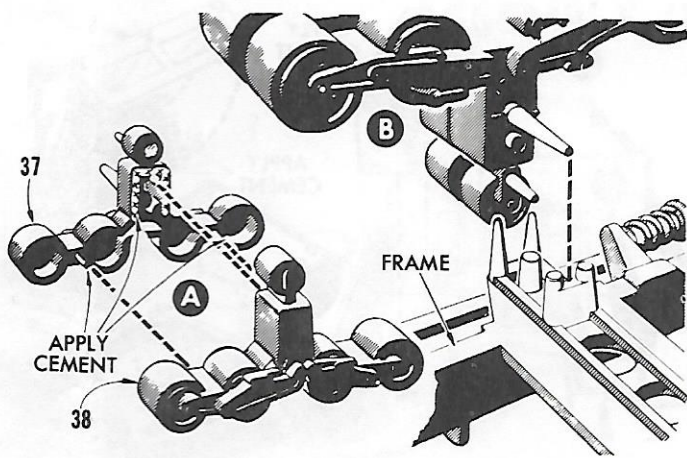
10 (A) Put a drop of cement into each hole in windshield frame and into two holes in hood and then fit windshield armor 24 in place. (B) Cement right 25 and left 26 headlights into holes in body sides. Push pin on headlight into hole until small stop button on back of pin hits body side.



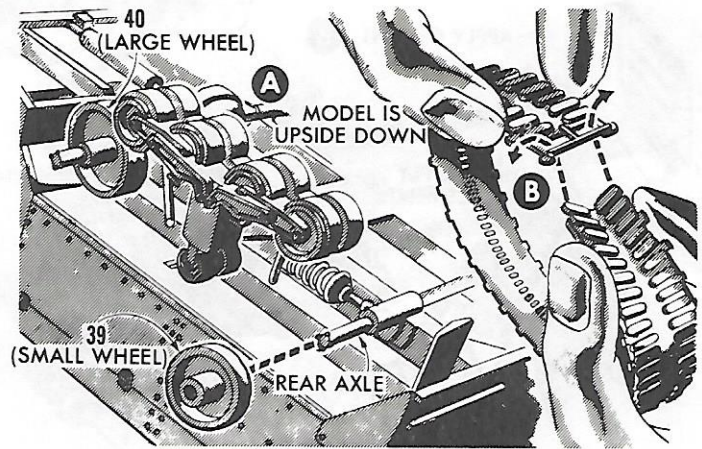
11 (A) Cement roller halves 29 and 30 together. Do not get cement on ends or roller will not spin on roller brackets. (B) Slip pins on brackets 27 and 28 into holes in roller. Do not cement. Apply cement to bumper as shown by X's. Hold roller and brackets together between thumb and finger and attach unit to bumper.



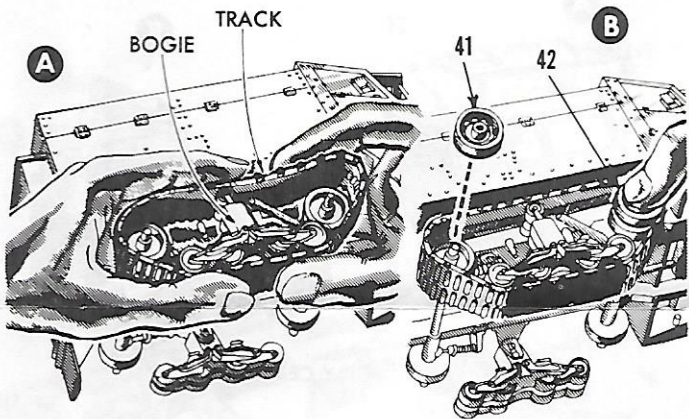
12 (A) Cement five gallon can halves 31 and 32 together and attach them to right and left body sides. Pins on cans fit into holes in body sides. (B) Cement bucket 33, ration box 34, and blanket box 35 to body back. Apply cement into slot in body back and press short tab of hook 36 into slot.



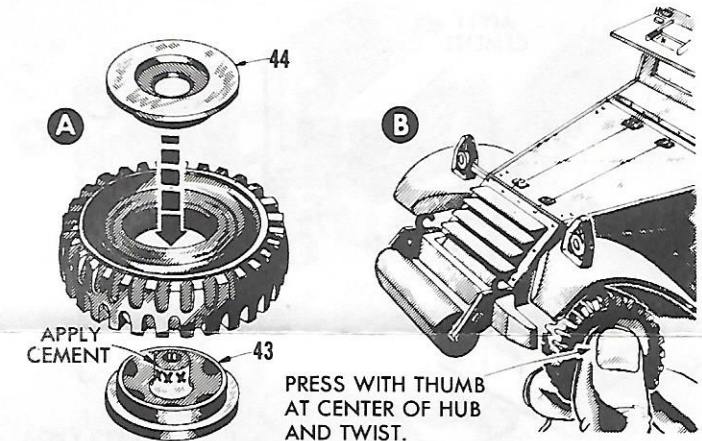
13 (A) Apply cement to ends of pins and to edges of inside bogie 37 in area shown above and join to outside bogie 38. Join other bogie halves in the same manner. (B) Turn model over on its back. Cement lineup pins on bogie between tapered pins on frame. Attach other bogie and allow cement to dry thoroughly before attaching track.



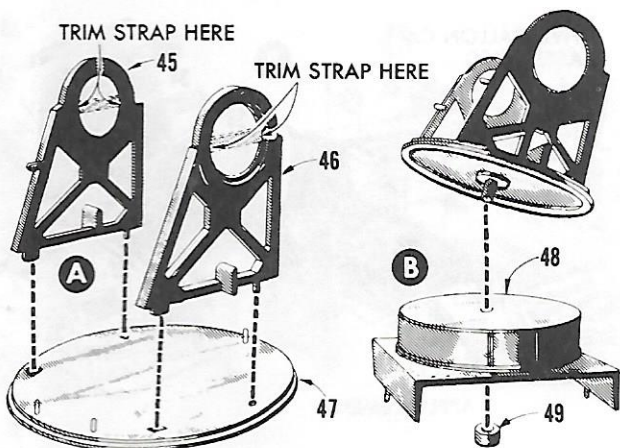
14 (A) Snap inner idler 39 and driver 40 wheel halves over axles. Small wheels go on rear axle. (B) Join track by holding ends as shown. Bend end of track into a "V" with right hand and insert into open end of track.



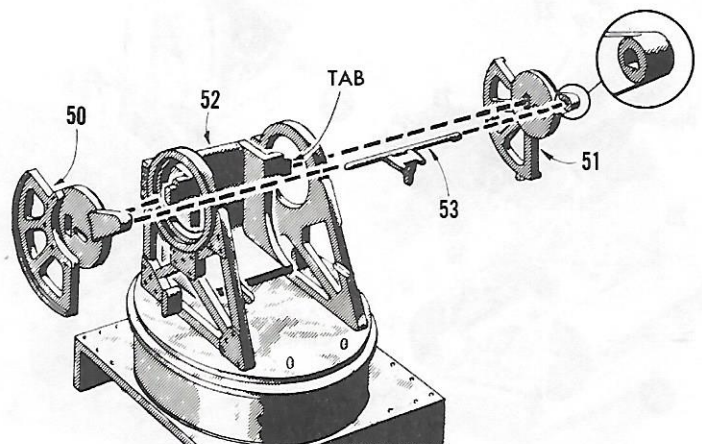
15 (A) Slip tracks over bogies and then around inner driver and idler wheels. (B) When track is in place, press outer idler 41 and driver 42 wheels onto axles past retaining buttons so wheels turn freely.



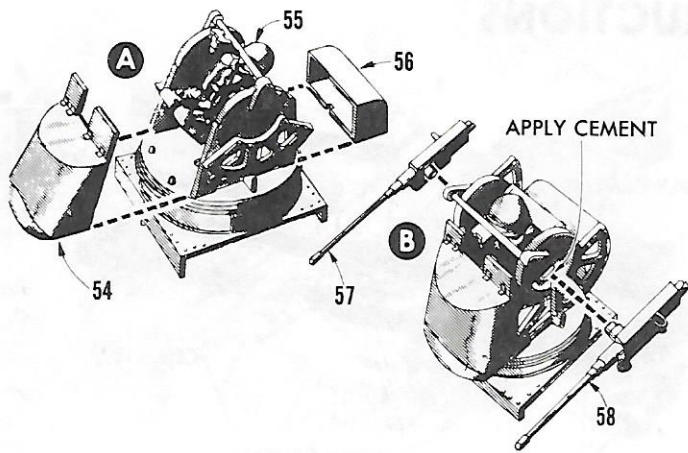
16 (A) Press wheel hubs 43 into tires. Apply cement sparingly to hub and slip wheel disc 44 into other side of tire as shown. (B) Place a small amount of petroleum jelly or grease into hole in each wheel hub. Press and twist wheels onto front axle past retaining ring until wheel spins freely. Be careful not to break axle.



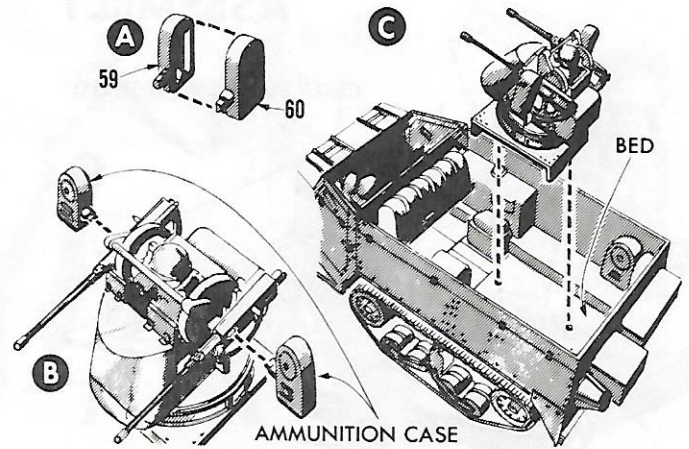
17 (A) Cut away straps from inside circles on frames 45 and 46. Cement left and right frames to turret 47 making certain that tabs fit into proper slots for correct positioning. (B) Insert post on turret through hole in turret mount 48. Carefully apply cement into hole in cap 49 and slip cap over post. Turret must revolve freely.



18 Insert seat 52 between frames as shown. Cement end of gun sight 53 having flat spot into "D" shaped hole in left sector 51. Gun sight and turret must be in exact position shown above. Apply cement to slot in sector and attach it to tab on seat. Next cement right sector 50 to seat tab and gun sight. Do not cement sectors to frames.



19 (A) Apply cement to gunner 55 and place in turret seat with helmet behind gun sight. Then attach front 54 and rear 56 shields to turret. (B) Apply cement to slots in right and left sectors and attach the .50 caliber machine guns 57 and 58.



20 (A) Cement ammunition case halves 59 and 60 together. (B) Apply cement into slots in machine guns and attach the ammunition cases as shown. (C) Apply cement to bottom edges of turret mount fit into holes in bed. Cement radio operator to left gas tank as shown in main exploded drawing.

PAINTING YOUR MODEL

The plastic parts in this kit, along with heavy lug tires molded in black and the clear, will assemble into a beautiful model without painting.

For those who enjoy painting additional details, use the Flat Military paint available at hobby counters. A small pointed brush is best for painting small details.

It is best to paint some parts before the model is assembled. Allow paint to dry thoroughly and scrape paint away from areas which will be cemented. Cement does not hold well to paint.

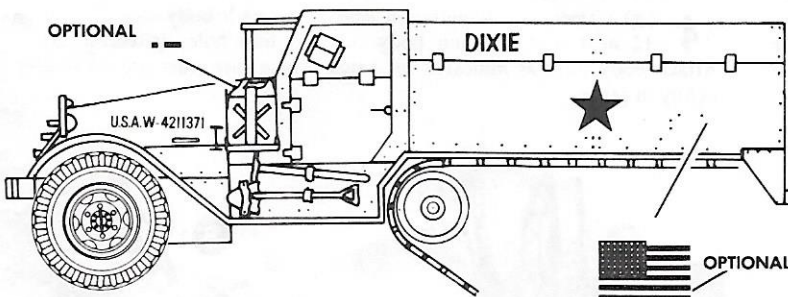
Suggested colors are listed. Other combinations can be used if desired.

BLACK — .50 caliber machine gun — mud flaps — rifle barrels — barrel and magazine of sub-machine gun — instruments on dash board — knobs on gear shift and transfer case levers — handle on handbrake and steering wheel.

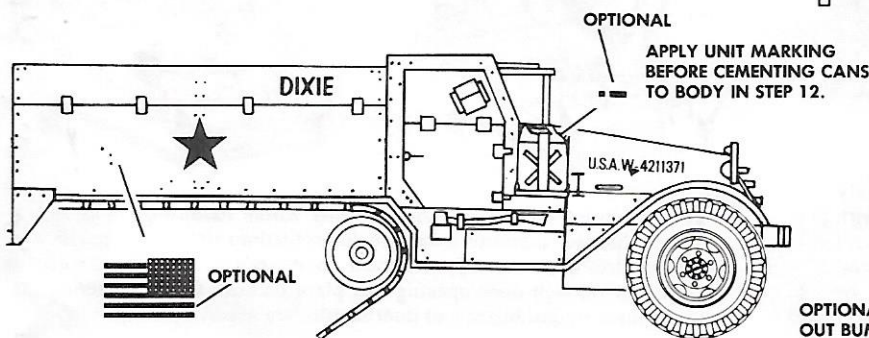
SILVER — Headlights — axe — pick — shovel — roller springs.

BROWN — Rifle stocks — soldiers' shoes — handles of axe — pick and shovel.

FLESH — Soldiers' faces and hands.

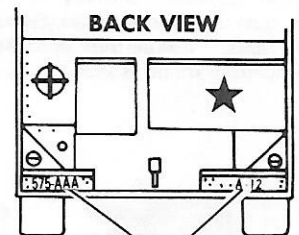


Decals shown applied are one type of vehicle marking. Optional markings also given.

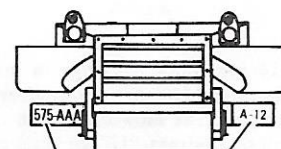
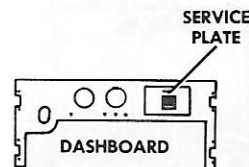


DECALS

Refer to these drawings here for proper decal location. Apply the decals as directed on the back of the decal sheet.



OPTIONAL—UNIT MARKING USED WITHOUT NUMBERS ON BACK.



OPTIONAL—USE WITHOUT BUMPER NUMBERS.

