Nashorn Instruction Set

Welcome To Field Of Armor Tanks! Before assembling please locate all part as shown in the following sections for accuracy. Please note that this Instruction Manual includes the complete assembly of 1 Nashorn Tank with the Resin Accessory set. (Resin Accessory Set Sold Separately).

Notes: Please note that Depictions of a Panzer IV chassis is used. The main difference is in the rear of the Lower Chassis. Disregard any specific Panzer IV Resin Piece shown in illustrations not included in the resins parts list as it is not required nor used.

IMPORTANT: Manufacturer Warranties product is free from defect/missing parts for 30 days from receipt.

Panzer IV
Assembly Instructions
General Instructions

The concept behind a Field of Armor model kit is one in which you bend metal at pre-cut areas to form the various parts of a vehicle or tank.

When these parts are bent into place tabs and corresponding holes will line up allowing pop rivets or screws to be inserted to hold the assembly together.

All metal parts will follow this basic method of bending and fastening in order to take the metal parts from a 2D state into a 3D part

1. Check that you have received all parts for your new 1/6 scale model of the Panzer IV. Go to Field of Armor's website at "www.fieldofarmortanks.com" for a complete list of all parts.

2. Wipe down all metal parts with a laquer thinner or acetone solution- Make sure when doing so that there are open flames or embers that may cause a fire while doing this.

3. At certain stages of assembly you may want to pre-paint some areas so that you don't have to dis-assemble parts of your work later. For example all the running gear pieces, the Chassis side wall they install against and the well under the fenders. **NOTE:** DO NOT paint any surface that you will be gluing something to.

4. Effort should be taken not to lose any of the perforated metal pieces that remain in the flat metal structures (please note that some of these pieces may have come loose during shipping) as some are used as actual parts such as hatches and doors and some are to remain in place.

5. Any additional parts and materials over and above those listed in the parts section of these Instructions and that may be obvious in the instruction photographs are the responsibility of the purchaser.

6. Should you receive a chassis that has come apart during shipping or comes apart from bending and re-bending (the seams are designed to be bent several times before coming apart but always bend the along the seams slowly as to not over heat the stitching) do not be too concerned as it can be easily repaired by using some scape 20 gauge metal cut into strips approximately ½ " x 2" - 2½" long. Bend the strip to 90 degrees or to suit the angle being repaired and drill 1/8" holes to accept Pop Rivets. Place the angle over the area to be repaired spaced at 4" - 6" intervals and drill matching holes in the metal pieces being repaired. Secure with Pop Rivets. See Figures 6a, 6b and 6c below.


Figure 6a


Figure 6b

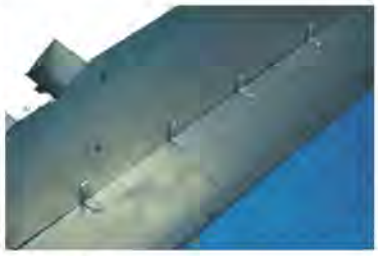


Figure 6c

Panzer IV
Assembly Instructions
General Instructions

7. Fill any holes and gaps with Bondo. Remove excess Bondo from surfaces using an exacto knife blade or something similar once it has set up but not hardened completely. When the Bondo has hardened sand smooth with a fine grit sandpaper.

8. It is recommended that the modeler use Super-glue when gluing Resin or Plastic Parts to other Resin or Plastic parts. When gluing Resin or Plastic Parts to Metal make sure that the Metal is free of grease and/or oil and glue using Epoxy.

9. Some Resin parts when they come out of the molds tend "naturally" to take on a slight curve - should you encounter any such parts in your kit this can be eliminated by applying moderate heat and adjusting the part to its proper configuration.

10. For handles (not provided) to Engine Access Doors, Commander's Hatch (Cupola), Combat Compartment Access Doors and top of Superstructure Access Hatches it is suggested the modeler drill holes in the metal (in the approximate location shown in the photographs) to accept a bent 1/16th inch copper wire and secure in place with Epoxy (See Figure A).

Figure A

11. Using a piece of scrape metal it is advisable to create a stop for the Engine Access Doors , Combat Compartment Access Doors and top of Superstructure Access Hatches and the Brake Access Covers by Pop Riveting it to the underside of the opening and protruding into the opening (see Figure B). On larger doors (i.e. Engine Cover Deck Doors) or those that don's seat properly you may want to create a stop on the rwo sides of the opening as well.

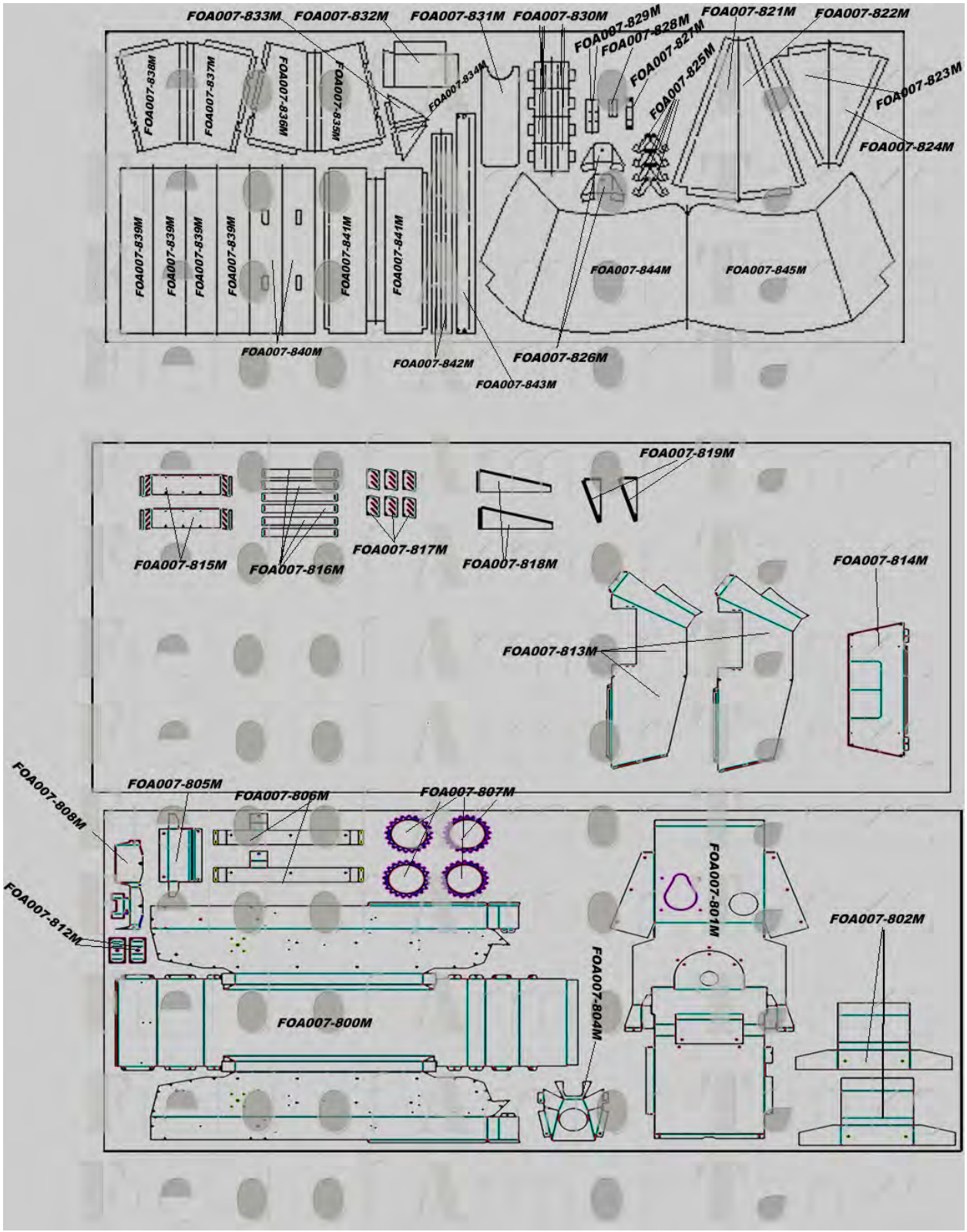
Figure B

12. Some parts will require sanding before application.

13. Sand the metal surface area to which a part is to be applied and also when securing metal to metal. This will ensure a more secure bond.

14. All references to left and right assumes you are sitting in the tank facing forward.

Metal Part: Below this Diagram shows the all of the metal Chassis Parts. You should have everything as shown here.



Misc Metal Parts: Below is list of parts for Axles and Misc material Included in the Nashorn Construction. Before assembling your tank locate the various parts below:

Item ID	Item Name	Quantity
FOA001-901P	Panzer IV Late Track Pin	220
FOA001-902P	Panzer IV Late Track	220
FOA001-801M	Bogey Axle 3"	16
FOA001-803M	Suspension Axle 15.5"	4
FOA001-804M	Return Roller Axle 4.75"	8
FOA001-805M	Drive/Idler Axle 18"	2
FOA001-806T	3/8" (OD)-1/4" (ID) Spacer Material 36"*****	1
FOA001-807M	1/4" Push Nut	50
FOA001-808M	4-40 x 1/4" Screw (Machine)	50
FOA001-809M	1/8" x 5/16" Aluminum Pop Rivets	60
FOA001-810M	#6 1/2" Screws - Sheet Metal	20
FOA10001-070M	Piano Hinge (brass)	22
FOA007-010M	1/16" copper rod 12" Long	1
FOA007-011M	1/8" Steel rod 1-5/8" Long	2
FOA007-012M	6-32 Threaded rod 3/4" long	1
FOA007-013M	1/4" Spring Coil 3/4" long	1
FOA007-014M	1/4" Steel Rod 1-1/8" Long	2

***** Spacer material may vary depending on availability. OD is outer Diameter and ID is Inner Diameter.

Panzer IV
Assembly Instructions

Chassis

Welcome to the world of "Field of Armor"

Step 1. After opening the large bundled package (Bag 1) of metal parts and containing four parts in all, begin with the longest of the four pieces which is the main chassis piece (See Figure 1).

Note: This piece is folded in a particular manner and to avoid these pieces from breaking apart during assembly, you should only unfold it as illustrated below

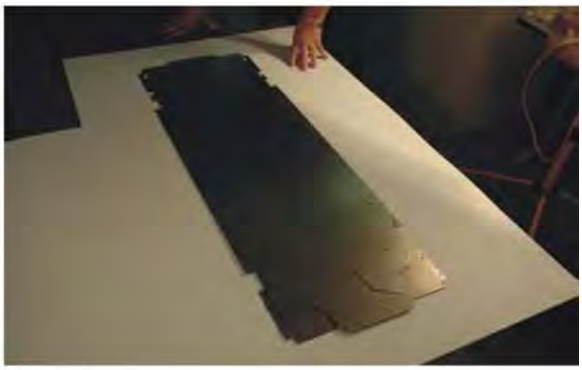


Figure 1

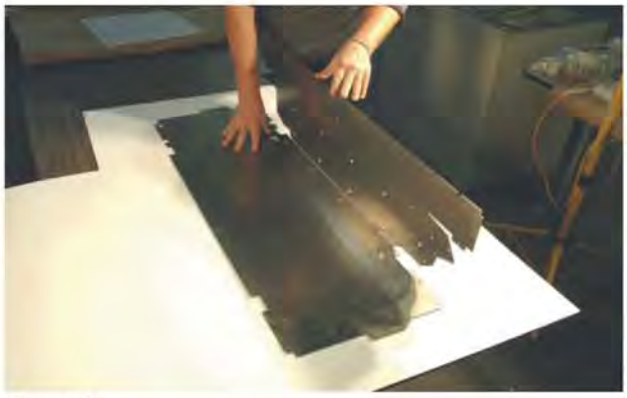


Figure 2

Figure 2a

Step 2. Fold out the side piece that lays on top raising it up at the seam just below the lower row of axle holes to a 90 degree angle to the bottom (See Figures 2 and 2a) .

Step 3. Raise the other side to a 90 degree angle (See Figure 3).

Figure 3

Panzer IV
Assembly Instructions
Chassis

Figure 4a

Figure 4c

Figure 4b

Step 4. Raise the end pieces of the chassis and begin to shape them to match the pop rivet holes. (See Figures 4a, 4b, 4c and 4d.

Figure 4d

Figure 5a

Figure 5b

Step 5. Raise the tabs at the four corners. See Figures 5a and 5b.

Step 6. Bend pop rivet tabs to 90 degrees. See Figures 6a and 6b.

Figure 6a

Figure 6b

Panzer IV
Assembly Instructions
Chassis

Note: Creating the bottom stiffener channels is a bit tricky and when the operation is complete they should protrude from the bottom exterior rather than into the interior..

Figure 7

Step 7. Now that we have the tabs bent ready to recieve the pop rivets - before you actually secure any thing you must create the bottom stiffener.

Place the bottom of the chassis body on a flat surface and move it to the edge along the inner most seam. Bend the entire side down to a 90 degree angle.

(See Figure 7)

Figure 8a

Step 8. Holding the narrow side securely in place, bend the entire side back up at the next seam outward to a 90 degree angle to create the stiffener channel. See Figures 8a and 8b.

Figure 8b

Note: Repeat steps 7 and 8 on other side.

Important Note: Make sure that you have the tabs in the four interior corners of the Chassis bottom (see **Step 5**) raised as shown here in Figure 8c.

Figure 8c

Panzer IV
Assembly Instructions
Chassis

You are now ready to begin too secure the sides and the ends together with pop rivets.

Step 9. Making sure that you have bent all the appropriate tabs as discussed in step 6, line up the holes in the body sides with the holes in the tabs of the end piece tabs (their alignment should be self evident) and get your pop rivet gun ready. See Figures 9a, 9b and 9c.

Figure 9a

Figure 9b

Figure 9c

Figure 9d

Note: When the pop rivet is in place it should look like those in Figure 9d.

Step 10. Complete pop riveting of all tabs for both the front and rear panels to the sides. When that is completed your chassis should look as the one in Figure 10a.

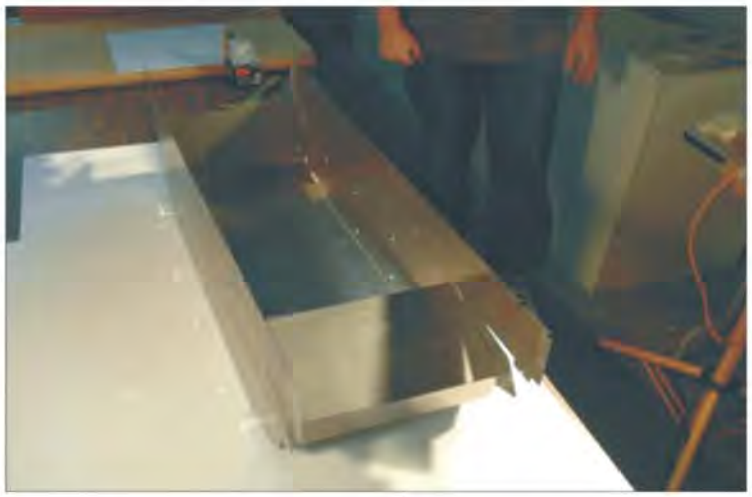


Figure 10a

Panzer IV
Assembly Instructions
Chassis

Step 11. Before bending the track fender into place bend the flaps along the edge down at a 90 degree angle to what will become the fender top .

(See Figures 11a, 11b and 11c)

Figure 11a

Figure 11b

Figure 11c

Step 12. Bend the fender down at a 90 degree angle to the Chassis body to create the fender top.

(See Figures 12a and 12b)

Figure 12a

Figure 12b

Step 13. Bend down the tab on the fender fronts (See Figure 13a) and then bend down the fender fronts themselves (See Figure 13b) to an angle that is consistent with the pop rivet hole (See Figure 13c) in the Chassis body. Align the pop rivet holes and secure with a pop rivet (See Figure 13d).

Figure 13a

Figure 13b

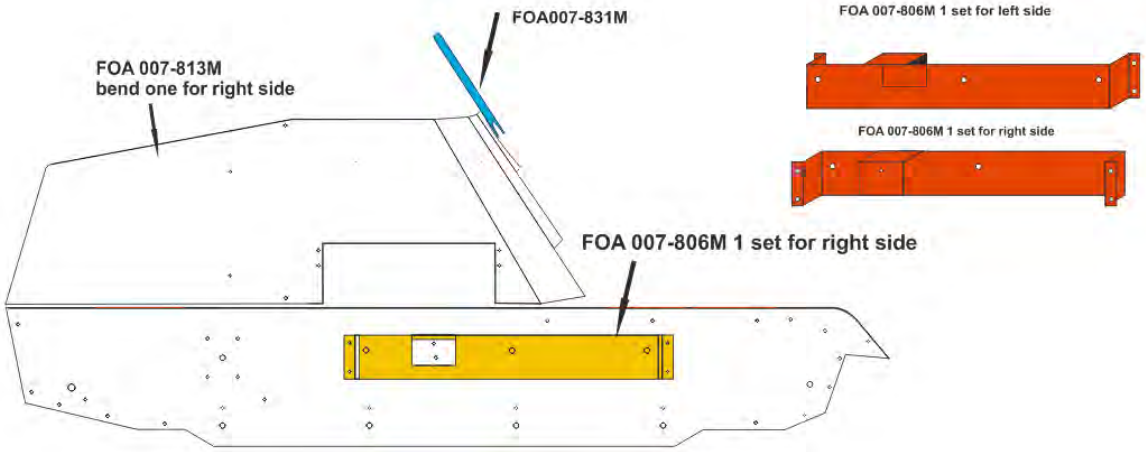
Figure 13c

Figure 13d

Note: When this step is completed the fender fronts should look like Figure 13e.

Figure 13e

Note: Here is Side View of Lower Chasis and Idler Support Mounts. Also be aware that the Nashorn Version is shorter than the late model Panzer IV. Fold as shown.



Panzer IV
Assembly Instructions
Chassis

Step 18. Locate the two (2) Return Roller Axle Supports (see Figure 18a) and bend each end into the configuration shown in Figure 18b. Bend the center tab to the configuration shown in 18c. When completed the pieces should resemble the piece shown in Figure 16d.

Figure 18a

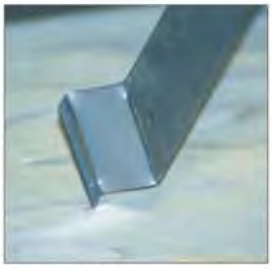


Figure 18b

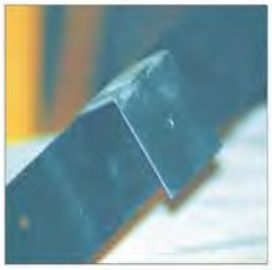


Figure 18c

Figure 18d

Step 19. Install the Return Roller Support Axle - one to either side of the Chassis as shown in Figure 19a. Secure in place using Pop Rivets. The Pop Rivets should be installed from the outside as shown in Figure 19b. Prior to installing all the Pop Rivets ensure the Return Roller Support Axle is in the correct location by installing a 4.75" Return Roller Axle (see Figure 19c) and make sure it is at a 90 degree angle to the body.

Figure 19a

Figure 19b

Figure 19c

Note: When complete the assembly of the Chassis body should appear as it does in the photograph (Figure 19d) to the right.

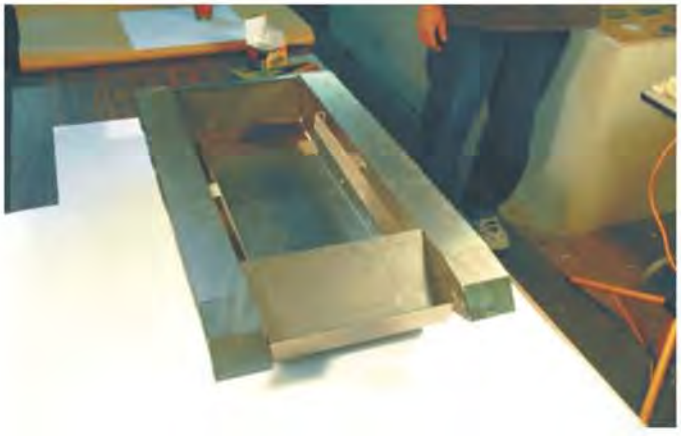


Figure 19d

Panzer IV
Assembly Instructions

Running Gear

Step 4. Locate metal part # FOA007-808M (Towing Bracket) and fold as depicted in examples 4(a) through 4(e) and pop rivet into place. Note there is some difference between the Nashorn and the Panzer IV. The Nashorn Towing Bracket is a single unit and does not contain a metal back plate and is all a single piece and folded. Additionally Idler Axle is the same length as the Drive Gear Axle (18 " long).

Figure 4a

Figure 4b

Figure 4c

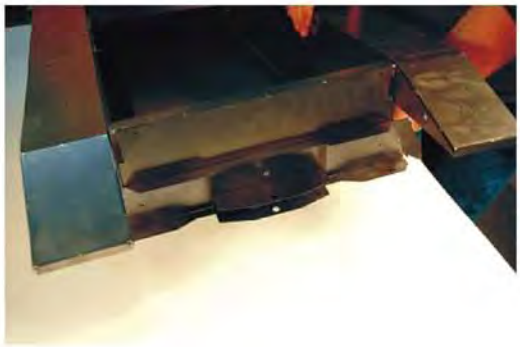
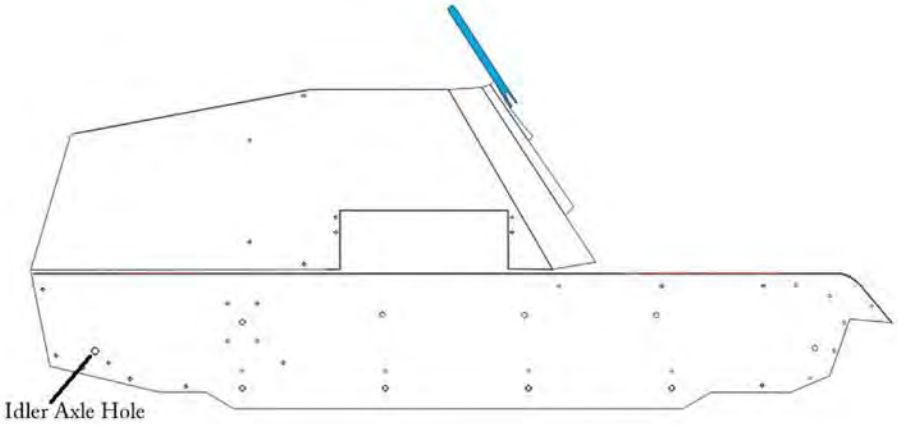


Figure 4d

Figure 4e

Panzer IV
Assembly Instructions
Running Gear

Steps 5, 6 & 7: Steps 5-7 normally covered the Idler mounts (resin and metal) as well as a shorter axle because the rear of the chasis is shorter on the Panzer IV then on the Nashorn rear end. To compensate Locate Part # FOA001-805M, the Driver/Idler Axles. Install the 18" Idler Axle in the rear of the Chassis in the axle hole.



Step 8. With the Chassis portion of the tank sitting right side up insert the four (4) 15.5 " Suspension Axles into each of the four lower holes in the Chassis. See Figures 8a.

Figure 8a

Figure 8b

Note: The Suspension Axles should be laying flat across the Chassis bottom spanning the stiffening channels that run the length of the Chassis on either side. See Figure 8b.

Panzer IV
Assembly Instructions
Running Gear

Step 9. Turn the tank Chsassis so that the bottom side is facing up. Locate 8 each of the following: Suspension Blocks, Suspension Block Covers and Suspension Arms. Four of each part will be used on each side of the tank (See Figure 9a).

Figure 9a

Note: Follow the same photographs and instructions shown for each side of the tanks running gear from Step 9 through Step 18.

Step 10. Position 4 of the Suspension Blocks on the axles so that the concave protrusion is away from the bottom and toward the top of the fender skirt. Fasten them in place using epoxy (See Figures 10a and 10b).

Figure 10a

Figure 10b

Step 11. When the Suspension Blocks are securely in place install one (1) Suspension Arm onto each of the axles (See Figure 11a) so the rounded portion of the center hole fits into the concave of the Suspension Block (See Figure 11b) and so that the detail on the Suspension Arm is facing outward .

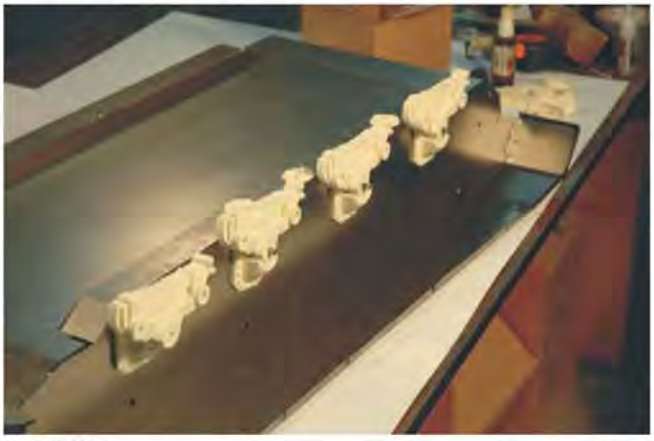


Figure 11a

Figure 11b

Panzer IV
Assembly Instructions
Running Gear

Step 12. Install the 3" BogeyAxles onto the Suspension arms - two (2) per Suspension Arm - one (1) axle on each end. Secure the axles in place with epoxy making sure that the axle is flush with the inside face of the Suspension Arm. See Figures 12a and 12b.

Figure 12a

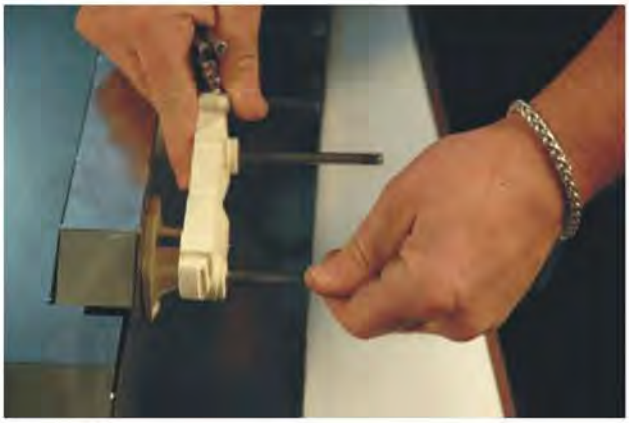


Figure 12b

Step 13. Installing the Suspension Block Covers. Slide the Suspension Block Cover over the axle detail side facing outward and align the notch in the Suspension Block Cover with the pin on the Suspension Block. (See Figures 12 a and 12b) Secure in place with Super-glue making sure not to get any on the Suspension Arm.

Figure 13b

Figure 13a

Note: The Suspension Block and the Suspension Block Cover can be assembled prior to their being secured to the Chassis. Make sure when doing it this way that axle holes are aligned properly and that when securing the assembly to the Chassis that axle holes on the Assembly line up with the axle holes in the Chassis. Also when finally installing the axle make sure that you have inserted the Suspension Arm in place properly.

Figure 13c

Panzer IV
Assembly Instructions
Running Gear

Step 14. Balance the amount of the axle exposed beyond the Suspension Block Cap piece so that it is the same on both sides (Approx. 1/4") of the tank and secure the axle in place with a Push Nut. See Figures 14a and 14b.

Figure 14a

Figure 14b

Step 15. Install the 18" Drive Axle and install in the front of the Chassis in the axle hole. Locate the Drive Gear Housing.(See Figure 15a) and install it as over the axle and securing it in place with epoxy as shown in Figures 15b and 15c.

Figure 15a

Figure 15b

Figure 15c

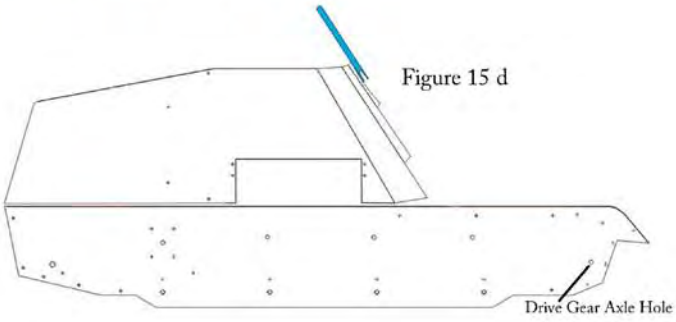


Figure 15 d

Panzer IV
Assembly Instructions

Running Gear

Step 17. Locate the ten (10) Bumpers and allocate 5 per side. Installing the Bumpers - Starting at the REAR install one (1) on either side of the Rear Suspension Assembly (See Figure 1a). Install one (1) of each of the remaining three (3) Bumpers toward the front on each of the other three (3) Suspension Assemblies. Line the tops of the bumpers with the tops of the Suspension Blocks and so the widest part of the Bumper is 1/4" away from the Suspension Block (See Figure 3c).

Figure 17b

Figure 17a

Figure 17c

Step 18. Locate the Idler Wheels and the Idler Spacer (See Figure 18a). Using Super-glue secure the Idler Spacer to the inside face of one of the Idler Wheels making sure that it is centered around the axle hole in the wheel (See Figures 18b and 18c) and so that the prongs on the Idler Spacer are centered between the spokes of the Idler Wheel (See Figure 18d). Using one of the short axles as a guide place the second Idler Wheel in place on the axle and align the spokes so that one Wheel is the mirror image of the other and secure using Super-glue (See Figures 18e and 18f). Install an 11/16" long section of Spacer Material on the Idler Axle and mount the Idler Wheel Assembly on the Idler Axles. Secure in place with a push nut.

Note: This procedure can be undertaken directly onto Idler Axle in place on the installed Idler Axle.

Figure 18a

Figure 18b

Figure 18c

Figure 18d

Figure 18e

Figure 18f

Panzer IV
Assembly Instructions

Running Gear

Step 19. Locate the bag of 36 Road Wheels. On each of the Bogey Axles place one (1) Road Wheel with the detail portion facing inward (See Figure 19a). Slide a 1/4" length of Spacer Material over each of the Bogey Axles (See Figure 19b). Place a second Road Wheel on each of the Bogey Wheels with the detail portion facing outward (See Figure 19c). There should be approximately 1/4" of axle exposed when the Wheels and the Spacer Materials are installed. Secure in place with Push Nuts.

Figure 19a

Figure 19b

Figure 19c

Figure 19d

Figure 19e

Step 20. Install the Eight (8) 4.75" Return Roller Axles (four (4) per each side) in the axle holes in the upper part of the Chassis (See Figure 20a) just under the fenders through to the Interior Return Roller Support and secure the inside of the Axle in place with a Push Nut. Install a 1-1/4" long piece of Spacer Material on the Return Roller Axle (See Figure 20b). Slide one (1) Return Roller Wheel with the detail portion to the inside (See Figure 20c). Install a 1/4" long piece of Spacer Material over the axle (See Figure 20d). Install a second Return Roller Wheel on the axle and with the detail portion facing outward (See Figure 20e). Secure with a Push Nut (See Figure 20f).

Figure 20a

Figure 20b

Figure 20c

Figure 20d

Figure 20e

Figure 20f

Panzer IV
Assembly Instructions

Running Gear

Step 21. Each side of the tank has a pair of Drive Wheels (See Figure 21a) that need some assembly before being installed Pre-drill the Resin portion of the Drive Wheels at the twelve (12) dimples around the outside edge and start two (2) 4-40 x 1//4" machine screws (See Figure 21b). Place the slots on the metal portion of the Drive Wheel over the screws and position it so that it fits into the rabbet around the outer edge of the resin piece (See Figure 21c). Secure the metal portion of the Drive Wheel to the resin portion using ten (10) additional machine screws (See Figure 21d).

Figuire 21a

Figure 21b

Figure 21d

Figure 21c

Step 22. Install the 18" Drive Axle at the front of the tank through the holes provided. Place an approx. 11/16" long piece of Spacer Material (See Note A Below) over the Axle (See Figure 22a). Install one (1) Drive Wheel onto the axle with the metal piece to the inside (See Figure 22b. Install a 1/2" length of Spacer Material (See Note A Below) and install the second Drive Wheel with the metal portion facing outward (See Figure 22c). Secure in the Drive Wheels in place with a Push Nut (See Figure 22d).

Figure 22a

Figure 22b

Figure 22f

Figure 22c

Figure 22d

Figure 22e

Note A: The length of the Spacer Material between the Drive Gear Housing and the inside Drive Wheel and the distance between the two (2) Drive Wheels should be determined by laying an assemble section of track over the cogs of the metal gear portion of the Drive Wheels and measuring the distance between the two (2) wheels (See Figure 21g).

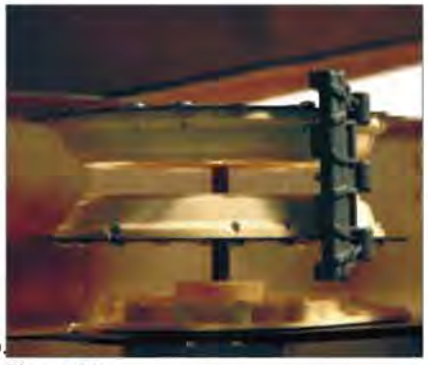


Figure 21g

General Note: If any of the axles when the final installation of the wheel assemblies is completed and any of the axles protrude more than 1/4" past the wheel OR are aesthetically unpleasing cut them off to the desired length.

Panzer IV
Assembly Instructions
Running Gear

Step 22. Assemble the tracks. Fit the three (3) tabs of one piece of Track into the three (3) depressions of a second piece and insert a Track Pin (See Figures 22a and 22b). Repeat this process with half the track pieces to form one single track assembly (See Figure 22c). Assemble the remainder of the pieces to create the second track assembly.

Figurer 22a

Figure 22b

Figure 22c

Step 23. To assure the alignment of drape a piece of track over the drive Wheels and the Road Wheels and the Return Rollers (See Figures 23a and 23b. The tongue on the underside of track piece should run smoothly through the space between the wheels (See Figure 23c). Make adjustments to the Spacer Material as required to assure proper tracking.

Figure 23a

Figure 23a

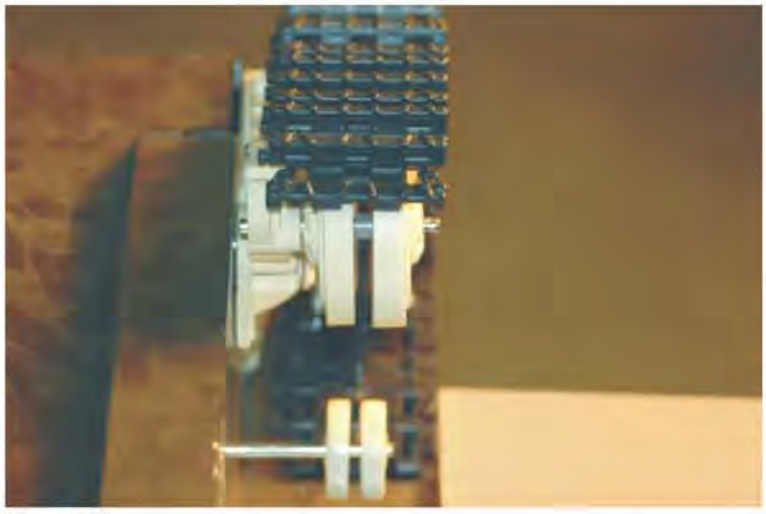


Figure 23b

Step 24. Lay the track assemblies over the Wheels and Rollers making sure that the tracks are engaged with the Drive Wheel Sprockets and insert the last Track Pin (See Figure 24 a). If there is to much slack in the track or the track is not long enough either remove a Track Link or add one as the case may be to complete the installation (See Figure 24b).

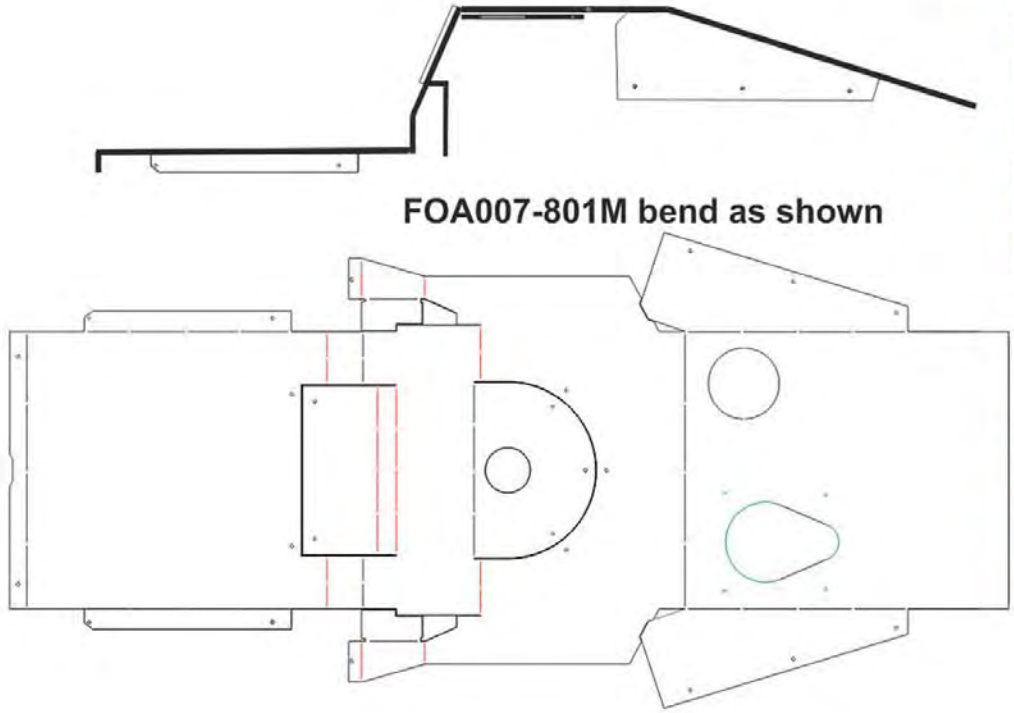
Figure 24a

Note: It is advisable to remove the track during the remainder of the assembly process. This will keep the tank from shifting and Rolling about while you are working.

Figure 24b

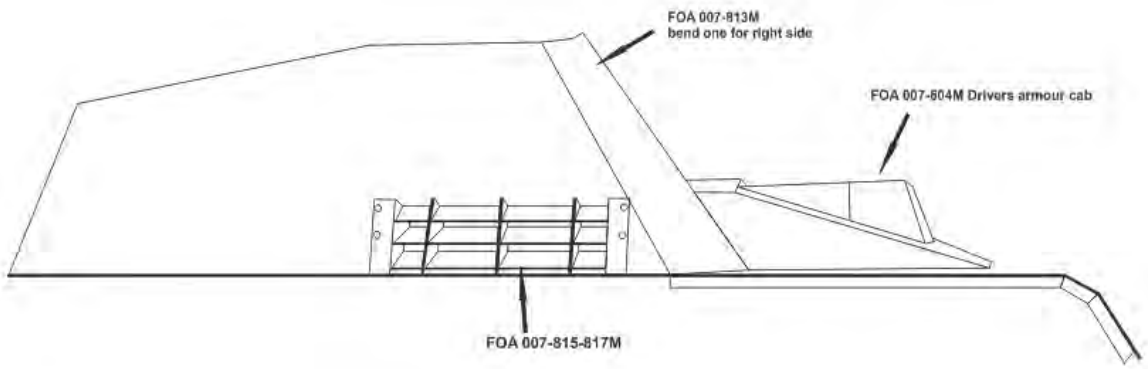
Upper Chassis Assembly Nashorn:

Step 1: Fold Chasis as Shown in Diagram Below

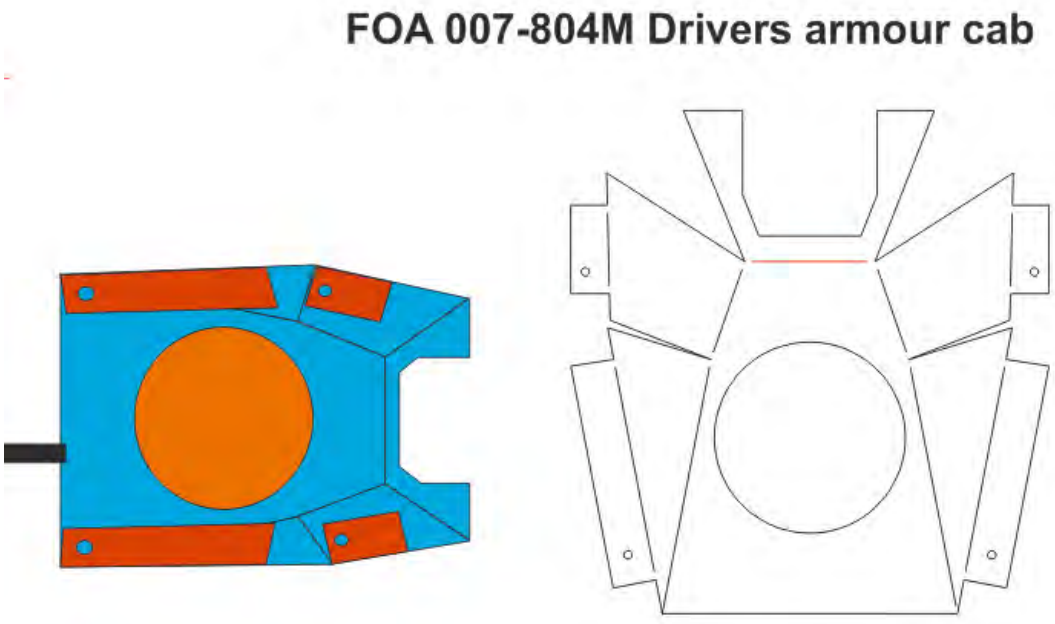


Step 2: Attach to Lower Chassis by aligning pop rivet holes.

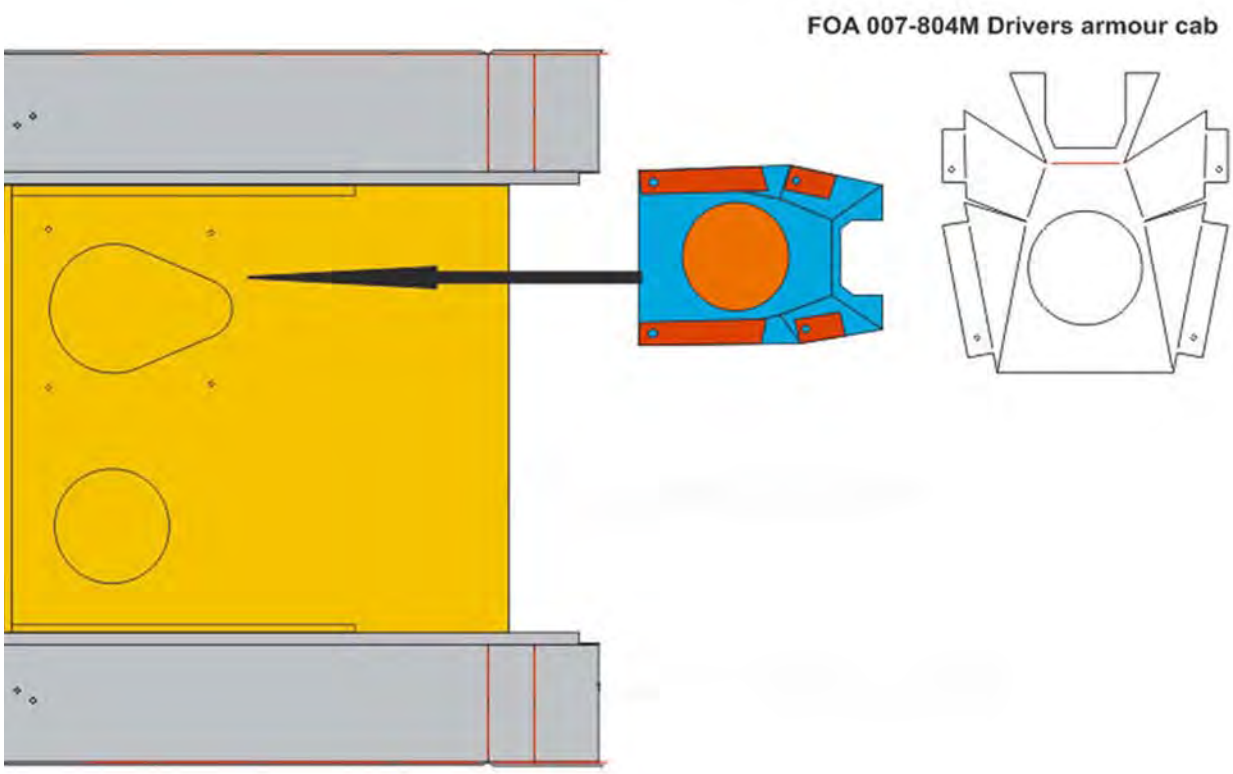
Step 3: Rear and Side wall Placement: Bend Side wall as Shown in Diagram. Pop rivet into place.



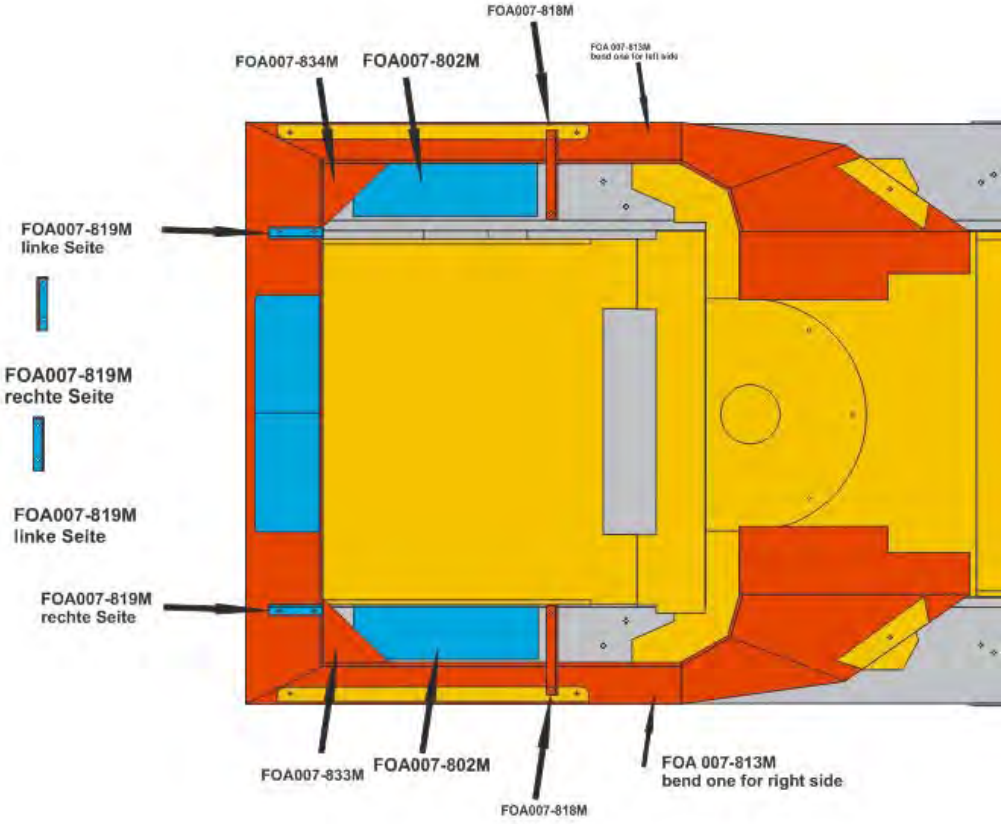
Step 4: Fold Driver Armor Cab as shown:

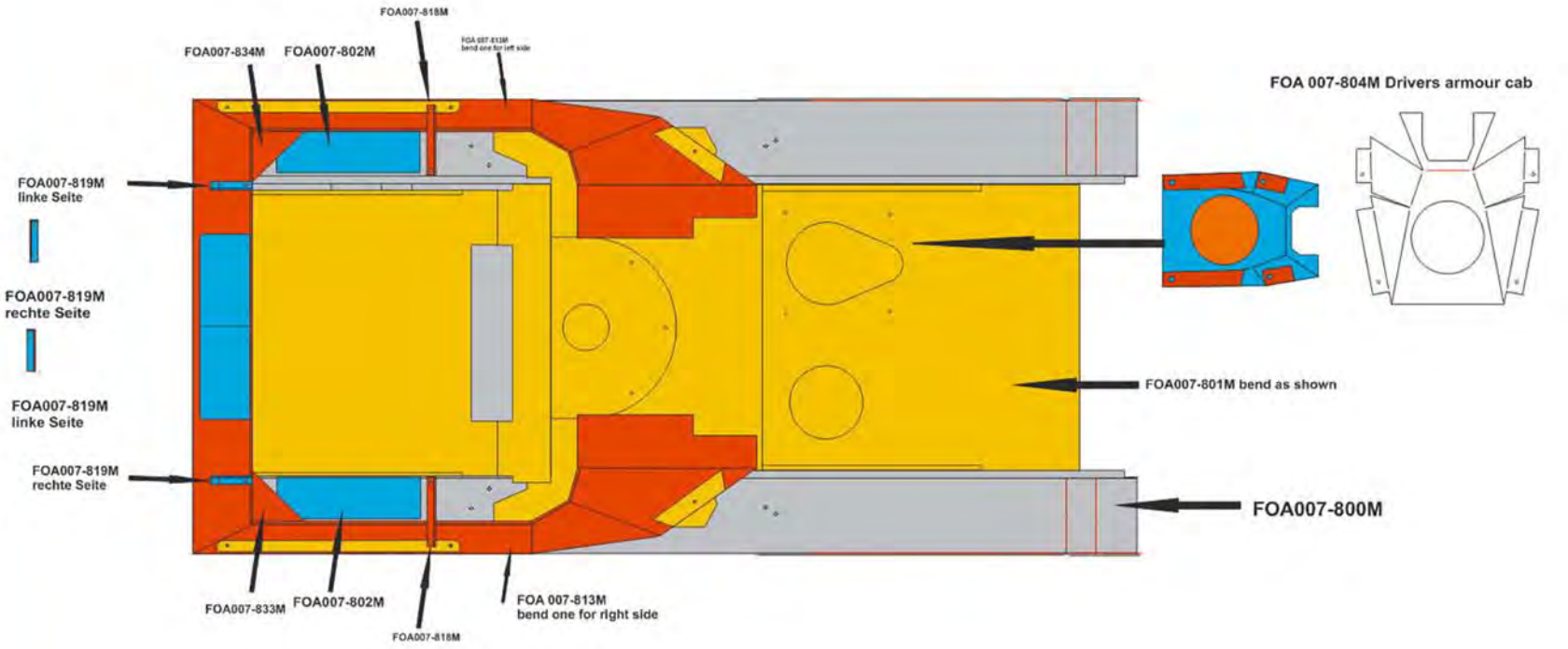


Step 5: Place Armor Cab on Upper Chassis as Shown:

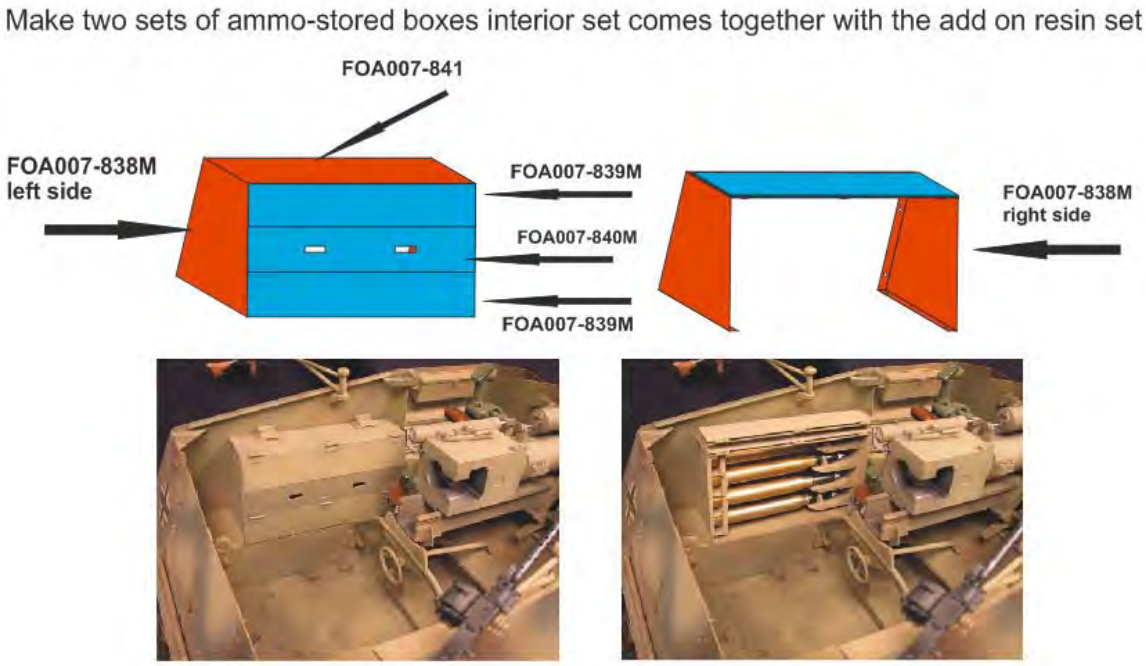


Step 6: Place Interior Items were shown on the next two diagrams: (on Next Page). Note if you have not assembled your ammo cabinet yet locate and assemble then place on chassis as shown below.

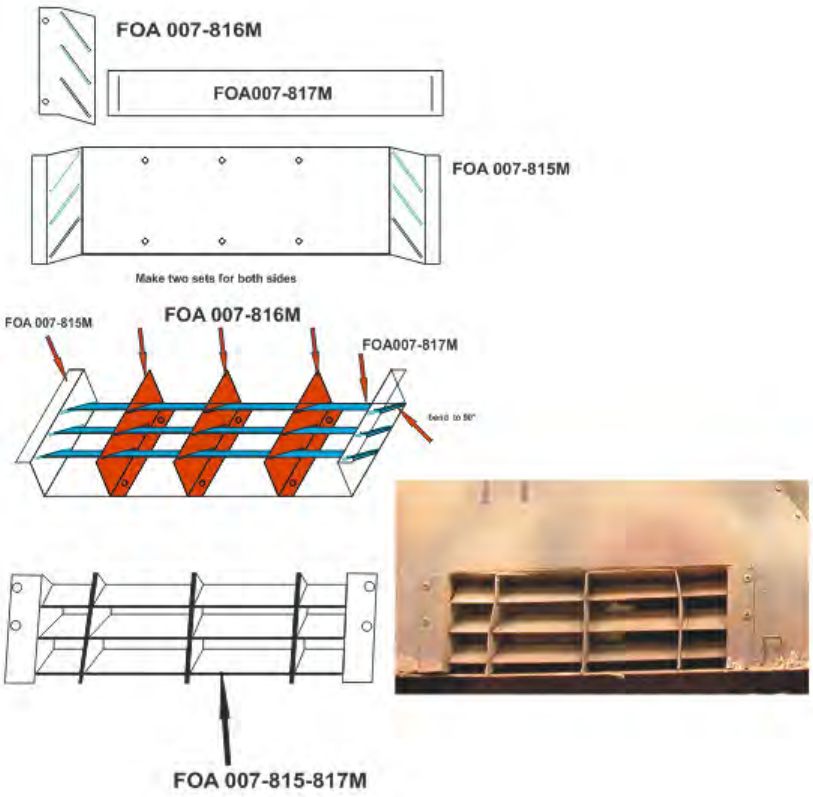


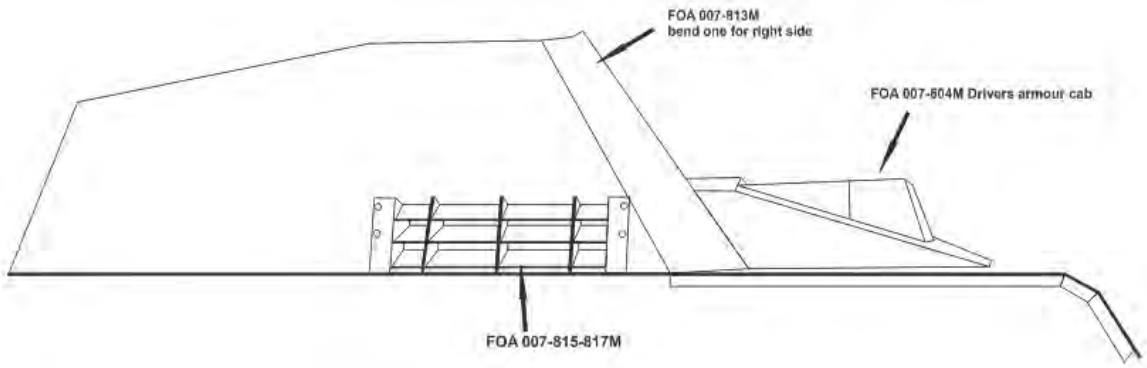

FOA007-818M
FOA007-834M
FOA007-802M
FOA 007-813M
bend one for left side
FOA 007-804M Drivers armour cab
FOA007-819M
linke Seite
FOA007-819M
rechte Seite
FOA007-819M
linke Seite
FOA007-819M
rechte Seite
FOA007-801M bend as shown
FOA007-800M
FOA007-833M
FOA007-802M
FOA007-818M
FOA 007-813M
bend one for right side

Step 7: Ammo Cabinet Construction:

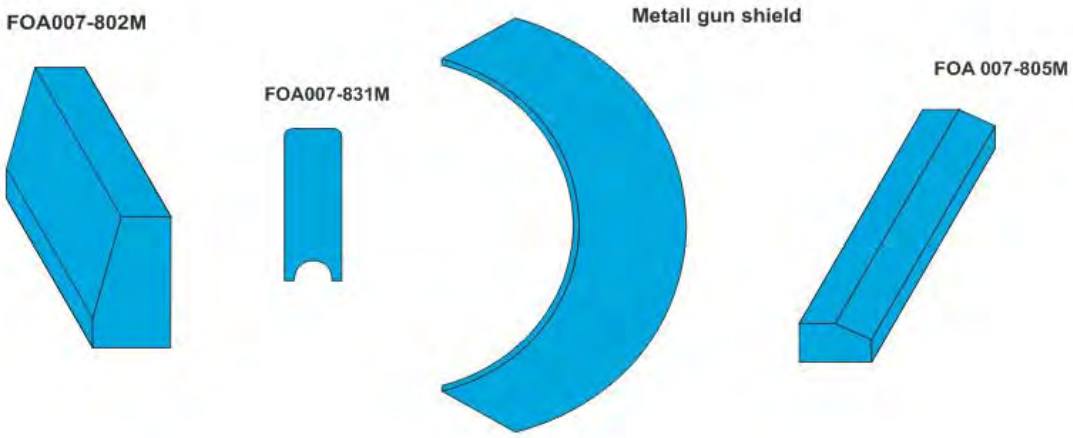


Step 8: Side Wall Grill Assembly and Placement:





Step 9: Final Phases of Metal Assembly: Note FOA007-831M is part of the Pak43 Shielding and is the upper most metal part that will be added after the Resin Gun has been fully assembled and mounted.



Resin Placement

Here is a listing of resin part # and item names and quantities provided, as well as photos to help you identify all your parts. At the end is diagram that includes approximate placements for resin. Please refer to http://www.fieldofarmortanks.com/product/nashorn.html and look at all of the images provided for reference. Note: The Resin Accessory Set is Sold Separately.

FOA007-Nashorn Basic Kit

Item ID	Item Name	QTY/Tank
FOA001-430R	Rear Tow Hook Brace	2
FOA001-431R	Rear Tow Hook	2
FOA001-601R	Road Wheel	36
FOA001-602R	Suspension Block	8
FOA001-603R	Drive Wheel	4
FOA001-612R	Idler Spacer	2
FOA001-615R	Idler Wheel	4
FOA001-621R	Return Roller	16
FOA001-622R	Suspension Block Cover	8
FOA001-623R	Suspension Arm	8
FOA001-624R	Bumper	10
FOA001-625R	Drive Gear Housing	2
FOA001-636R	Bosch Headlight	1
FOA001-637R	Headlight Bracket	1
FOA003-407R	Hatch	2
FOA007-100R	Breech Block	1
FOA007-101R	Breech Block Cradle Mounting Brace	1
FOA007-102R	Breech Block Firing Safety Lever	1
FOA007-103R	Breech Block Gun Crutch Spacer Mounts	2
FOA007-104R	Breech Block Loading Lever	1
FOA007-105R	Breech Block Rail Guide	1
FOA007-106R	Breech Block Rail Guide Support	2
FOA007-107R	Breech Block Safety Latch Catch	1
FOA007-108R	Breech Block Slide	1
FOA007-109R	Clam Shell Bering	2
FOA007-110R	Cradle Support Slide	1
FOA007-111R	Cradle Track	1
FOA007-112R	Elevation Crank Shaft	1
FOA007-113R	Elevation Gear	1
FOA007-114R	Elevation Limiter Frame	1
FOA007-115R	Elevation Release Arm	1
FOA007-116R	Elevation Spoked Wheel Mount	1
FOA007-117R	Elevation Wheel Support Mount	1
FOA007-118R	Elevation/Gun Carriage Lever Cover	1
FOA007-119R	Fighting Compartment Gun Crutch	1
FOA007-120R	Firing Arm Cylinder Connector	1
FOA007-121R	Firing Wheel (Gun Trigger)	1
FOA007-122R	Front Barrel	1
FOA007-123R	Front Gun Crutch (A-Frame)	1

FOA007-124R	Gun Carriage Balance Mount (Right)	1
FOA007-125R	Gun Carriage	1
FOA007-126R	Gun Carriage Balance Mount (left)	1
FOA007-127R	Gun Carriage Elevation Gear Guide	1
FOA007-128R	Gun Carriage Pivot Mounting Piece	1
FOA007-129R	Gun Carriage Shield Support Mount (Right)	1
FOA007-130R	Gun Carriage Shield Support Mount (left)	1
FOA007-131R	Gun Cradle	1
FOA007-132R	Rear Breech Block Crutch A-Frame Support Rest	1
FOA007-133R	Gun Crutch Hinge	2
FOA007-134R	Gun Crutch Hook	1
FOA007-135R	Gun Crutch Barrel Support Top	1
FOA007-136R	Gun Crutch Barrel Support Bottom	1
FOA007-137R	Gun Seat Arm	1
FOA007-138R	Gun Seat Mount	1
FOA007-139R	Gunner Safety Shield	1
FOA007-140R	Gunner Seat Arm Brace Mount	1
FOA007-141R	Hydraulic Elevation Cylinder	1
FOA007-142R	Hydraulic Elevation Cylinder Cap	1
FOA007-143R	Inner Gun Carriage Elevation Detail Piece	1
FOA007-145R	Mid Stage Barrel (center)	1
FOA007-146R	Muzzle	1
FOA007-147R	Muzzle Brake	1
FOA007-148R	Muzzle Brake Inner Ring	1
FOA007-149R	Pak43 Gunner Seat	1
FOA007-150R	Periscope	1
FOA007-151R	Rear Barrel	1
FOA007-152R	Rear Barrel Mount Bolts	1
FOA007-153R	Upper Pak 43 Shield Support (left)	1
FOA007-154R	Rear Breech Block Crutch Release Wheel Arm Mount	1
FOA007-155R	Rear Breech Block Crutch Release Arm Mount	1
FOA007-156R	Rear Breech Block Release Spoked Wheel	1
FOA007-157R	Recoil Brake Cylinder Cap	1
FOA007-158R	Recoil Brake Stop	1
FOA007-159R	Recuperator	1
FOA007-160R	Recuperator Mounting bracket	1
FOA007-161R	Recuperator Piston Bolt Mount	1
FOA007-162R	SflZfla, Rblf36 Periscope Altimeter Fine Adjustment	1
FOA007-163R	SflZfla, Rblf36 Periscope Altitude Control	1
FOA007-164R	SflZfla, Rblf36 Periscope Arm Mount	1
FOA007-165R	SflZfla, Rblf36 Periscope Azimuth	1
FOA007-166R	SflZfla, Rblf36 Periscope Elevation Guide	1
FOA007-167R	SflZfla, Rblf36 Periscope Gear Housing	1
FOA007-168R	SflZfla, Rblf36 Periscope Head Rest	1
FOA007-169R	SflZfla, Rblf36 Periscope Housing Arm Mount	1
FOA007-170R	SflZfla, Rblf36 Periscope Housing Arm Roller Mount	1
FOA007-171R	SflZfla, Rblf36 Periscope Roller Bearing	1
FOA007-172R	Splash Guard	1
FOA007-173R	Spoked Wheel	2
FOA007-174R	Spoked Wheel Handle	2
FOA007-175R	Spring Canister Casing (Hydraulic) Bottom	2
FOA007-176R	Spring Canister Casing (Hydraulic) Top	2
FOA007-177R	Spring Coil Shaft	2
FOA007-178R	Spring Equalizer	2

FOA007-179R	Spring Mount	2
FOA007-180R	SflZfla, Rblf36 Periscope Elevation Fine Adjustment	1
FOA007-181R	Traversing (Spoked Wheel) Mount	1
FOA007-182R	Trigger (Wheel) Mount	1
FOA007-183R	Trigger Arm (Small)	1
FOA007-184R	Trigger Arm (Scissor)	1
FOA007-185R	Trigger Cylinder	1
FOA007-186R	Trigger Wheel Handle	1
FOA007-187R	Trunnion (left)	1
FOA007-188R	Trunnion (right)	1
FOA007-189R	Trunion/Gun Carriage Pivot Pin	1
FOA007-190R	Trunion/Gun Carriage Swivel Base	1
FOA007-191R	Vertical Pak 43 Shield Supports (Right)	1
FOA007-192R	Upper Pak 43 Shield Support (Right)	1
FOA007-193R	Hatch Hinge Set	2
FOA007-194R	Lower Pak 43 Shield Support (left)	1
FOA007-195R	Lower Pak 43 Shield Support (Right)	1
FOA007-196R	Vertical Pak 43 Shield Supports (left)	1
FOA007-197R	Recuperator Piston Bolt	1
FOA007-305R	Drivers Compartment Hatch A-Frame	1
FOA007-306R	Drivers Compartment Hatch Hinge Set	2
FOA007-307R	Drivers Compartment Hatch Visor	1

FOA007-ACSKT (Accessory Kit)(Sold Separately)

Item ID	Item Name	QTY/Tank
FOA007-001R	8.8cm Round	8
FOA007-002R	Ammo Cabinet Support Mounts	4
FOA007-003R	Ammo Carrier Flat Parts Set (8 pieces of each type in a set total 24 pc)	1
FOA007-004R	Ammo Carrier H-Frame Set	8
FOA007-005R	Fighting Compartment Gunner Toolbox/Step	1
FOA007-006R	Fighting Compartment Bolt Detail (long)	1
FOA007-007R	Fighting Compartment Bolt Detail (square) large	1
FOA007-008R	Fighting Compartment Bolt Detail (square) small	1
FOA007-009R	Fuel Filler	2
FOA007-010R	FuG Sprd Battery	1
FOA007-011R	FuG Sprd Radio (upper)	1
FOA007-012R	FuG Sprd Radon (lower)	1
FOA007-013R	Gas Mask Canister	2
FOA007-014R	Gunner Foot Rest/Step	1
FOA007-015R	Gunsight Storage Box	1
FOA007-016R	MG-34 Mount Set	1
FOA007-017R	MP-40 Mount	2
FOA007-018R	Rear Door Latch Assembly Set	1
FOA007-020R	Rear Lift Rings	2
FOA007-021R	Rear Tool Box (large)	1
FOA007-022R	Scissor Binocular Mount	2
FOA007-023R	Scissor Binocular Mount Arm (left and right)	2
FOA007-024R	Scissor Binoculars	1
FOA007-025R	Scissor Telescope Storage Box	1
FOA007-026R	Scissor Telescope storage Case (leather)	1
FOA007-027R	Top Hooks	5
FOA007-028R	Warm Air Outlet (fighting compartment)	1
FOA007-029R	Warm Air Outlet Release Valve	1
FOA007-030R	Warm Air Outlet Stack Valve	1
FOA007-031R	Fighting Compartment Deck Plate with Grid Pattern	1
FOA007-032R	Fighting Compartment Deck Plate W/Grid Pattern and Fuel Filler Slot	1
FOA007-033R	Gas Mask Canister Mount	2
FOA007-034R	MG Sway Arm Holder Mount	2
FOA007-035R	MG Sway Arm	2
FOA007-036R	MG Y-Shape Cradle	2
FOA007-038R	Bosch Headlight Power Port Conduit	1
FOA007-300R	Ariel Jack Mount	1
FOA007-301R	Axe	1
FOA007-302R	Brake Intake Cooling Vent	2
FOA007-303R	Driver Compartment Side Visors	2
FOA007-304R	Driver Compartment Visor Brace	1
FOA007-308R	Exhaust Pipe	2
FOA007-309R	Starboard Front Fender Panel w/Grid pattern	1
FOA007-310R	Front Lift Ring (Tow Eye Bracket -Left)	1
FOA007-311R	Front Spare Track Mount	1
FOA007-312R	German Wire Cutters	1
FOA007-313R	Hammer	1
FOA007-314R	Hammer Holder Set (contains multiple small parts)	1
FOA007-315R	Front Lift Ring (Tow Eye Bracket -Right)	1
FOA007-316R	Hinged Front Fender with Grid Pattern	2
FOA007-317R	Port Side Front Fender w/Grid Pattern	1
FOA007-318R	Rear Deck Floor Panel With Grid Pattern	3

FOA007-319R	Removable Front Fender	2
FOA007-320R	Shovel	1
FOA007-321R	Shovel Holder Set (contains multiple small parts)	1
FOA007-322R	Tow Cable End	2
FOA007-323R	Jack Rest Block	1
FOA007-324R	Jack	1
FOA007-325R	Front Gun Crutch Lever Release	1
FOA007-326R	Gun Crutch Cable Pulley	1
FOA007-327R	Nashorn Muffler (Chassis to Exhaust)	2

Nashorn Basic Tank

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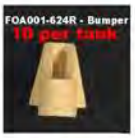

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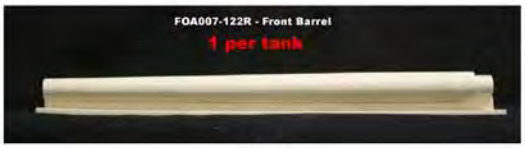

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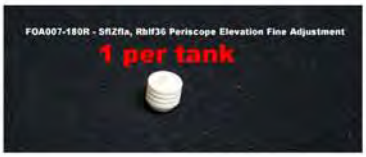

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Acessory Kit

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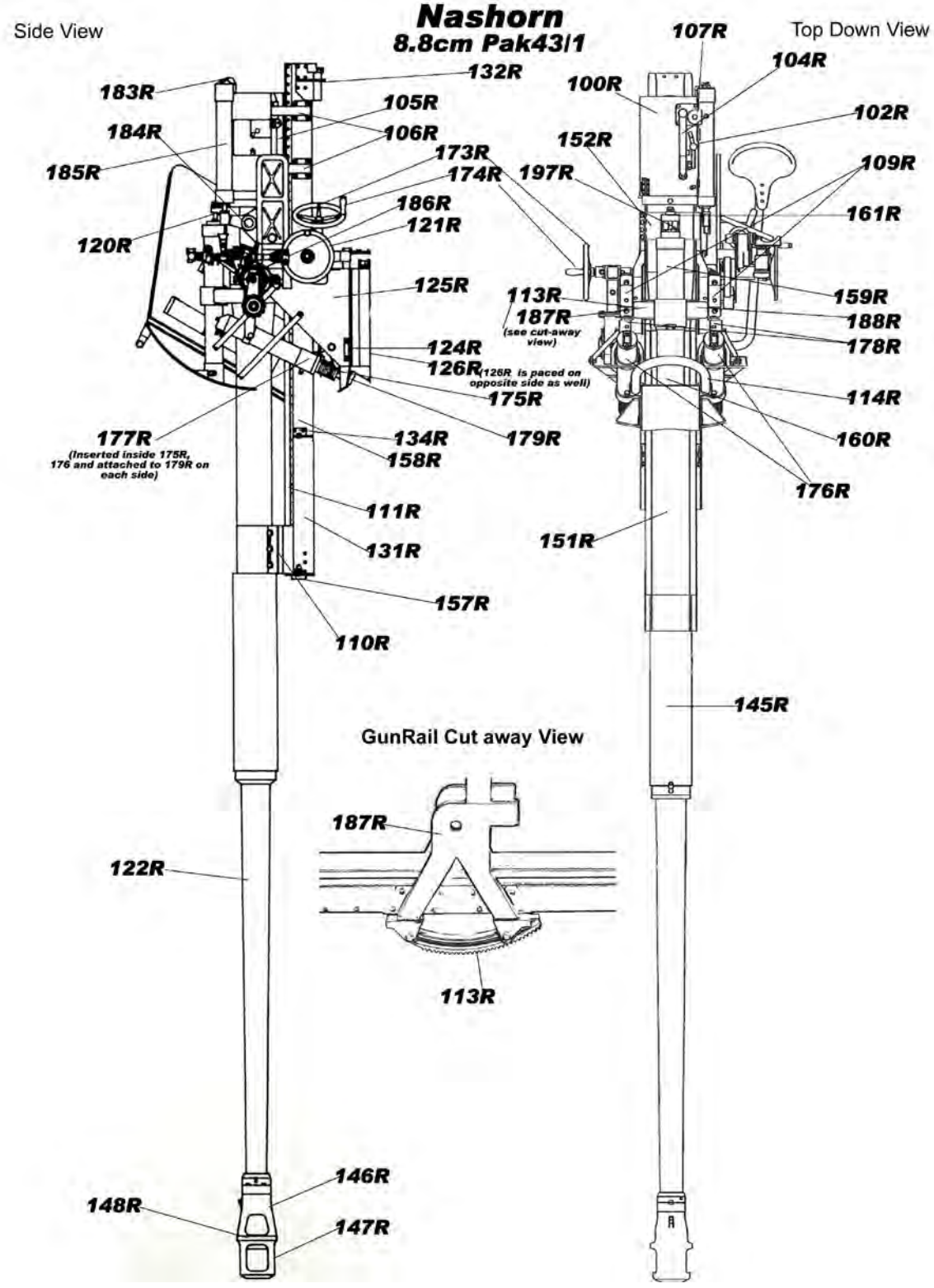
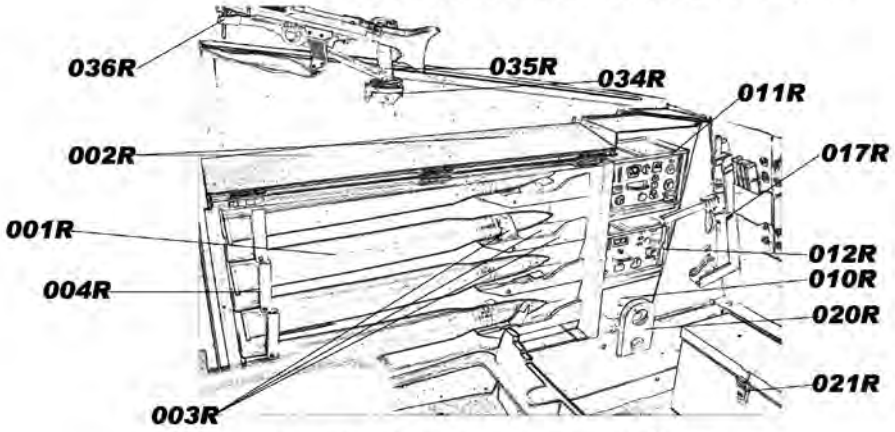
Nashorn
8.8cm Pak43/1

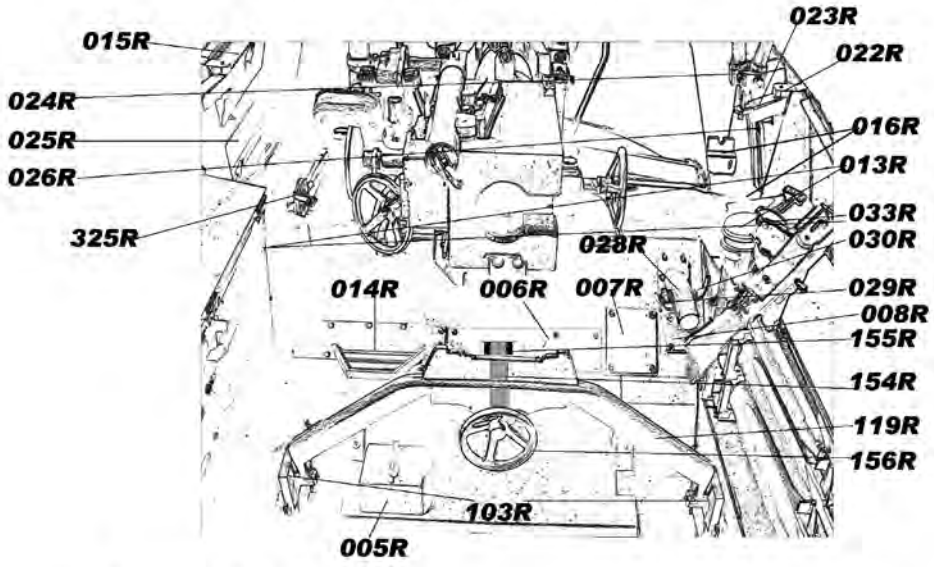


Nashorn

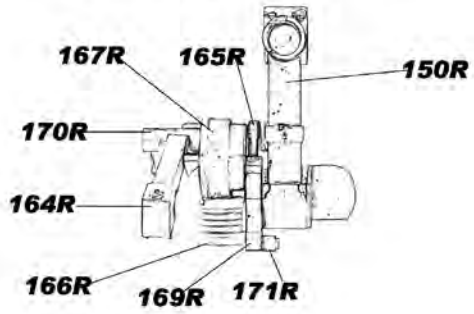
Ammo Cabnet/Interior Compartment Rear View



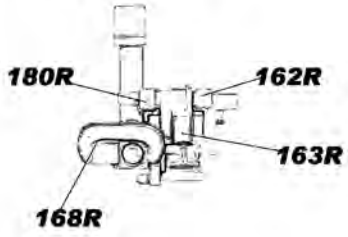
Interior Compartment Front View



Gunsight Rear View



Gunsight Front View

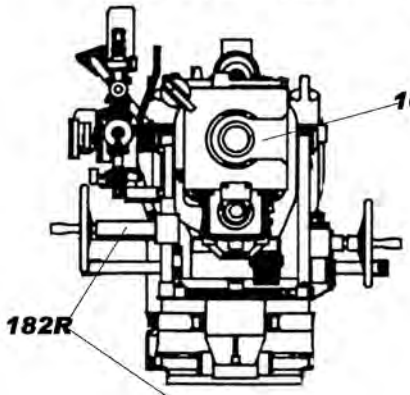


Nashorn

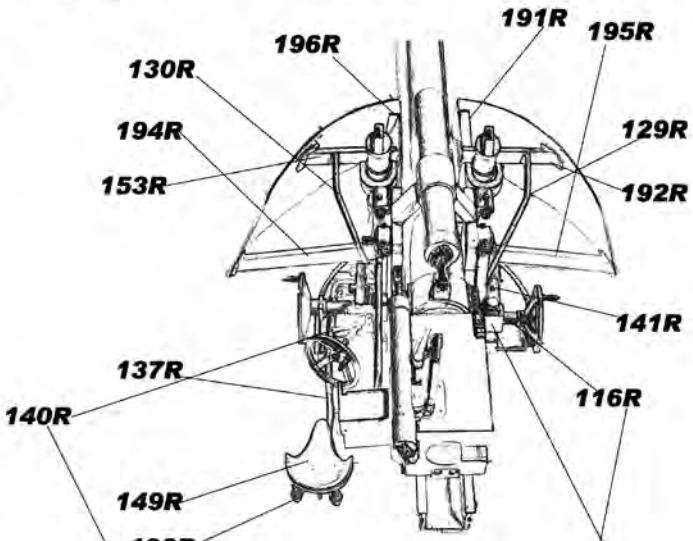
8.8cm Pak43/1

Detailed Views

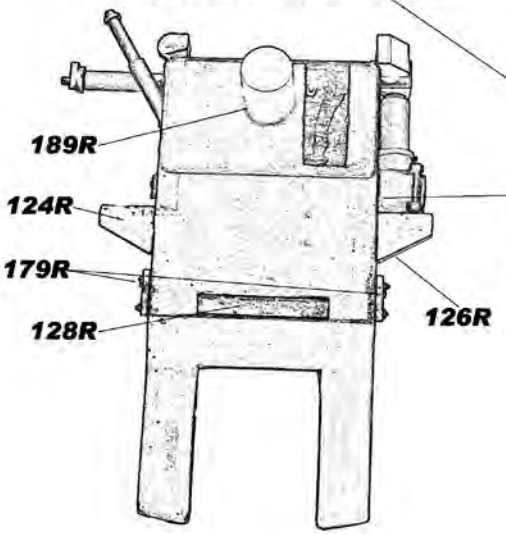
Pak 43/1 Rear View



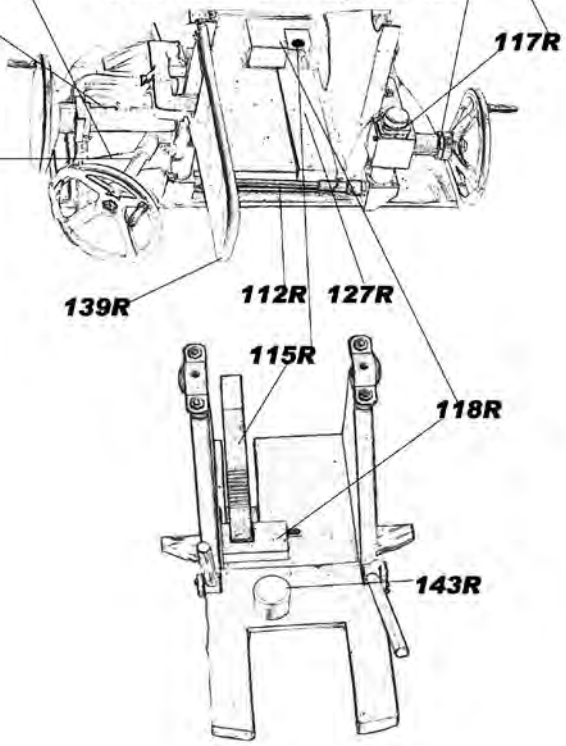
Pak 43/1 Metal to Resin Mounting-Rear View



Gun Carriage Bottom View

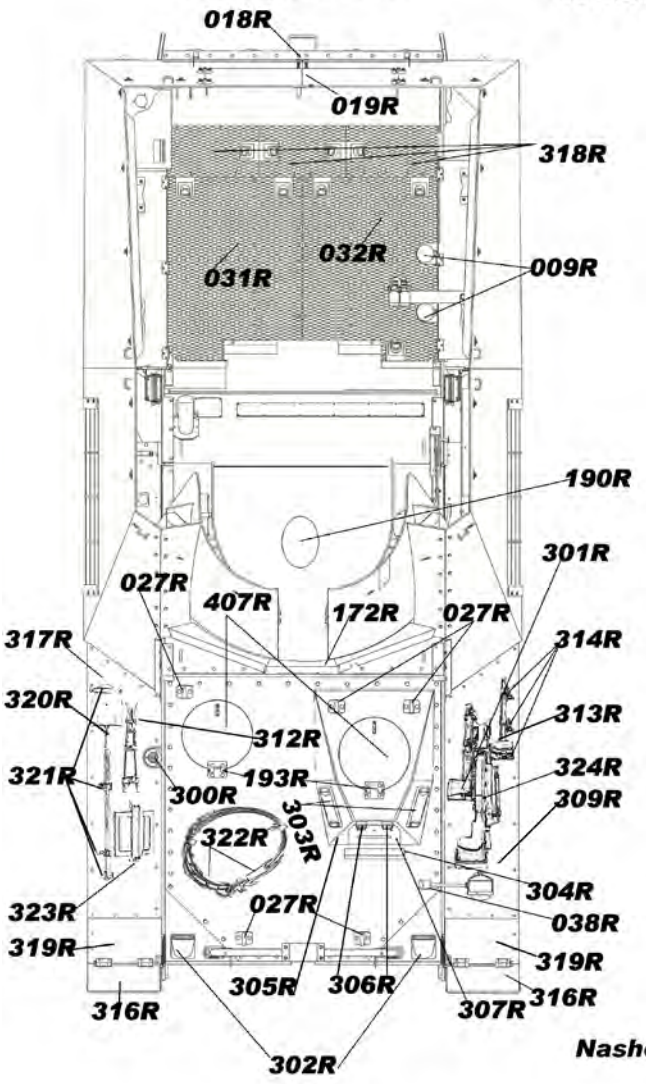


Inner Gun Carriage Detail

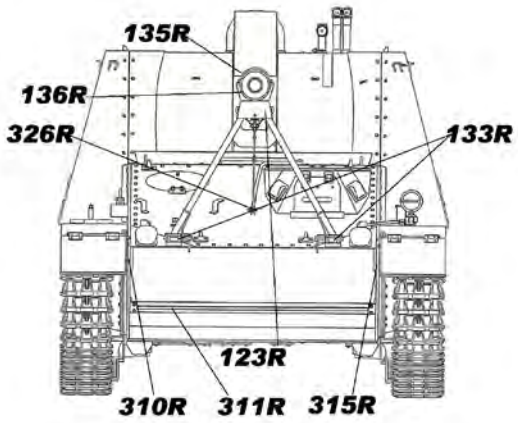


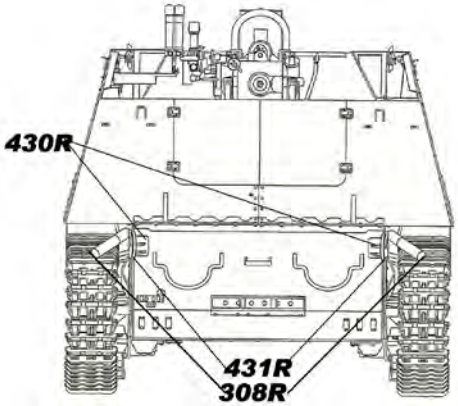
Nashorn

Deck Top Down View



Front View





Rear View

Nashorn Side View