



Via Pradazzo, 6/b
40012 Calderara di Reno
Bologna - Italy

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indirizzo per future
referenze

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for future
reference

made in italy

1:35 scale

No 5613

Motor Torpedo Boat PT 109

UK

PT boats were a torpedo-armed fast attack crafts used by the United States Navy, during the Second World War, especially in South Pacific war theatre. The acronym PT stands for "Patrol Torpedo" and immediately identify the operational use: to carry out patrol and attack, with her torpedoes against surface targets, duties. The Elco Naval Division, located in Bayonne, New Jersey, was the most famous manufacture of PT boats during the World War II. The famous PT-109, belonged to the ELCO PT-103 class, had a length of 80 feet (24 m.) and a full load displacement of 56 tons. Powered by three 12-cylinders 1,500 horsepower Packard gasoline engines, was able to reach the speed of 41 knots. The primary offensive armament was based on four 21-inch (53 cm.) torpedoes. On April 1943, the command of PT-109 was taken by Lieutenant Junior Grade John Fitzgerald Kennedy, the future President of the United States.

F

Pendant la Seconde Guerre Mondiale, la Marine des États-Unis utilisa principalement des moyens d'assaut de surface dans le théâtre opérationnel du Pacifique: les vedettes PT. L'acronyme « PT » identifie leur utilisation opérationnelle qui consistait à exécuter des missions de patrouille (Patrol) et d'attaque avec des torpilles (Torpedo) contre des cibles de surface. La plus célèbre des vedettes PT fut l'Elco Naval Division, localisée à Bayonne, dans le New Jersey. Le célèbre PT-109, qui faisait partie de la classe PT-103, avait une longueur de 24 mètres et un tonnage à pleine charge de 56 tonnes. Ses 3 moteurs Packard de 12 cylindres d'une puissance de 1.500 chevaux permettaient à l'embarcation de dépasser une vitesse de 41 nœuds. Son principal armement offensif était constitué de 4 torpilles de 53 cm. En avril 1943, un jeune officier de marine prit le commandement du PT-109: John Fitzgerald Kennedy, futur président des États-Unis.

EN ATTENTION - Useful advice!

Study the instructions carefully prior to assembly. Remove parts from frame with a sharp knife or a pair of scissor and trim away excess plastic. Do not pull off parts. Assemble the parts in numerical sequence. Use plastic cement ONLY and use cement sparingly to avoid damaging the model. Black arrows indicate parts to be glued together. White arrows indicate on which frame the parts must be assembled WITHOUT using cement. These letters (A - B - C...) indicate on which frame the parts will be found. Paint small parts before detaching them from frame. Remove paint-where parts are to be cemented. Crossed out parts must not be used.

IT ATTENZIONE - Consigli utili!

Prima di iniziare il montaggio studiare attentamente il disegno. Staccare con molta cura i pezzi dalle stampate, usando un taglia-balsa oppure un paio di forbici e togliere con una piccola lima o con carta vetro fine eventuali sbavature. Mai staccare i pezzi con le mani. Montarli seguendo l'ordine delle numerazione delle tavole. Eliminare dalla stampata il numero del pezzo appena montato facendogli sopra una croce. Le frecce nere indicano i pezzi da incollare, le frecce bianche indicano i pezzi da montare senza colla. Usare solo colla per polistirolo. Le lettere (A - B - C...) ai lati dei numeri indicano la stampata ove si trova il pezzo da montare. I pezzi sbarrati da una croce non sono da utilizzare.

DE ACHTUNG - Ein nützlicher Rat!

Vor der Montage die Zeichnung aufmerksam studieren. Die einzelnen Montageteile mit einem Messer oder einer Schere vom Spritzling sorgfältig entfernen. Eventuelle Grate werden mit einer Klinge oder feinem Schmirgelpapier beseitigt. Keinesfalls die Montageteile mit den Händen entfernen. Bei der Montage der Tafelnumerierung folgen. Pfeile zeigen die zu klebenden Teile während die weissen Pfeile die ohne Leim zu montierenden Teile anzeigen. Bitte nur Plastikklebstoff verwenden. Die Buchstaben (A - B - C...) neben den Nummern zeigt auf welchem Spritzling der zu montierende Teil zu finden ist. Die mit einem Kreuz markierten Teile sind nicht zu verwenden.

I

Durante la Seconda Guerra Mondiale la Marina degli Stati Uniti impiegò, soprattutto nel teatro operativo del Pacifico, veloci mezzi d'assalto di superficie: le PT boats. L'acronimo "PT" ne identificava l'impiego operativo in quanto erano destinate a svolgere compiti di pattugliamento (Patrol) e di attacco con i siluri (Torpedo) contro bersagli di superficie. Il più celebre costruttore di PT boats fu la Elco Naval Division, localizzata a Bayonne nel New Jersey. La celebre PT-109, che faceva parte della serie PT-103, aveva una lunghezza di 24 metri ed una stazza a pieno carico di 56 tonnellate. I suoi 3 motori Packard da 12 cilindri, con una potenza di 1.500 cavalli, erano in grado di far superare all'imbarcazione la velocità di 41 nodi. Il principale armamento offensivo era costituito da 4 siluri da 53 cm. Nell'aprile del 1943 il comando della PT-109 fu assunto da un giovane ufficiale di marina: John Fitzgerald Kennedy, futuro presidente degli Stati Uniti.

D

Während des zweiten Weltkriegs setzte die US-Marine vor allem im Pazifik schnelle Sturmboote ein: die PT-Schnellboote. "PT" ist eine abgekürzte Bezeichnung für Patrol Torpedo boats, da sie als Patrouillen-Boote zur Überwachung und als Torpedo-Boote zum Angriff gegen Bodenziele eingesetzt wurden. Das berühmteste Hersteller der PT-Boats war die Elco Naval Division, Bayonne (New Jersey). Das berühmte PT-109 der Serie PT-103 hatte eine Länge von 24 Metern und einen Schiffsraumgehalt bei Vollast 56 Tonnen. Dank der drei 12-Zylinder-Packard-Motoren mit einer Leistung von 1.500 PS konnten die Wasserfahrzeuge eine Geschwindigkeit von mehr als 41 Knoten erreichen. Die Hauptbewaffnung stellten die 4 Torpedo (53 cm) dar. Im April 1943 übernahm ein junger Offizier der Marine, John Fitzgerald Kennedy, zukünftiger Präsident der Vereinigten Staaten, das Kommando der PT-109.

E

Durante la Segunda Guerra Mundial la Marina de Estados Unidos empleó, sobre todo en el teatro operativo del Pacífico, medios de asalto de superficie rápidos: las PT boats. El acrónimo "PT" identificaba su empleo operativo, pues estaban destinadas a llevar a cabo operaciones de patrullaje (Patrol) y de ataque con torpedos (Torpedo) contra blancos de superficie. El constructor más célebre de PT boats fue la Elco Naval Division, ubicada en Bayonne, en New Jersey. La célebre PT-109, que formaba parte de la serie PT-103, tenía una eslora de 24 metros y una capacidad de carga de 56 toneladas. Sus 3 motores Packard de 12 cilindros, con una potencia de 1.500 caballos, podían empujar la embarcación a una velocidad superior a 41 nudos. El armamento ofensivo principal estaba compuesto por 4 torpedos de 53 cm. En abril del 1943 subió al mando de la PT-109 un joven oficial de marina: John Fitzgerald Kennedy, futuro presidente de Estados Unidos.

NL

Tijdens de Tweede Wereldoorlog maakte de Marine van de Verenigde Staten, vooral dan in de Stille Oceaan, gebruik van snelle aanvalstuigen: de PT boats. Het acroniem "PT" wijst op het gebruik ervan, gezien ze bestemd waren om ingezet te worden voor patrouilles (Patrol) en aanvallen met (Torpedo's) op doelwitten aan het oppervlak. De beroemdste bouwer van PT boats was Elco Naval Division, gesitueerd in Bayonne, New Jersey. De beroemde PT-109 die deel uitmaakte van de reeks PT-103 was 24 meter lang en had volledig geladen een tonnage van maar liefst 56 ton. De 3 motoren Packard van 12 cilinders met een vermogen van 1.500 pk waren in staat een snelheid van meer dan 41 knopen te halen. De belangrijkste bewapening bestond uit 4 torpedo's van 53 cm. In april 1943 werd het commando van de PT-109 overgenomen door een jonge marineofficier: John Fitzgerald Kennedy, toekomstige president van de Verenigde Staten.

FR ATTENTION - Conseils utiles!

Avant de commencer le montage, étudier attentivement le dessin. Détacher avec beaucoup de soin les morceaux des moules en usant un massicot ou bien un pair de ciseaux et couper avec une petite lame avec de papier de verre fin ébarbages éventuels. Jamais détacher les morceaux avec le mains Monter les en suivant l'ordre de la numérotation des tables. Eliminer de la moule le numéro de la pièce qui vient d'être montée, en le bifant avec une croix. Les flèches noires indiquent les pièces à coller, les flèches blanches indiquent les pièces à monter sans colle. Employer seulement de la colle pour polystyrol. Les lettres (A - B - C...) aux côtés des numéros indiquent la moule où se trouve la pièces à monter. Les pièces marquées par une croix ne sont pas à utiliser.

ES OPGELET - Belangrijke bemerkingen!

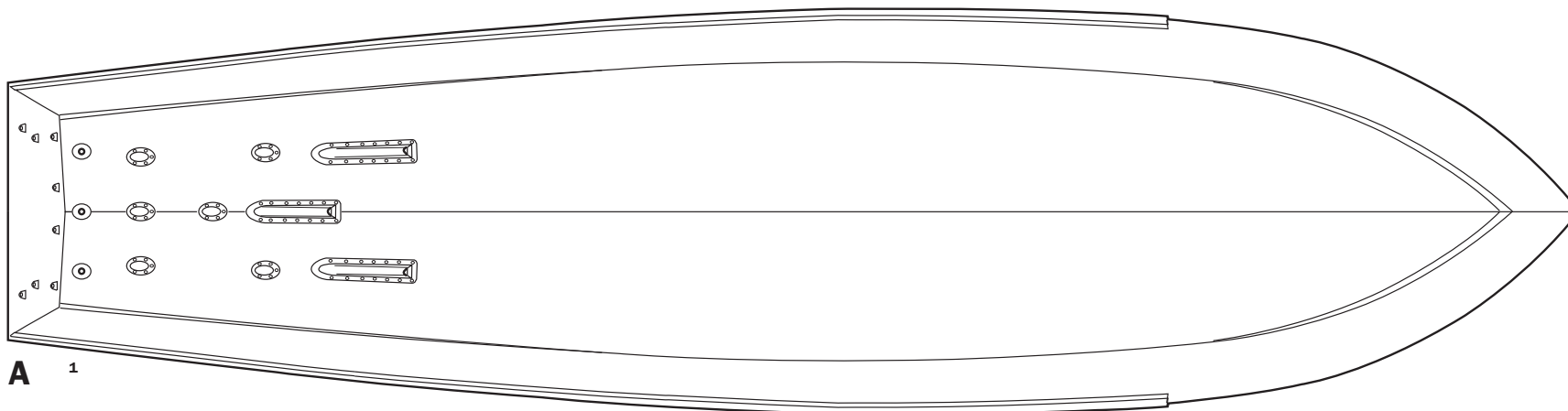
Bestudeer zorgvuldig het montageplan voor het bouwen. Breek nooit onderdelen van het kader. Maak ze los met een scherp mes of kleine nageltang. Verwijder daarna al het overblijvende plastic en pas de delen alvorens te lijmen. Gebruik allen lijm voor plastic modellen. Werk zorgvuldig en spaarzaam, teveel lijm zal uw model beschadigen. Zwarte pijlen duiden de te lijmen delen aan. Witte pijlen verwijzen naar bewegende delen welke niet mogen worden gelijmd. Deze letters (A - B - C...) geven de kaders aan waarin de onderdelen zich bevinden. Schilder de kleine onderdelen voor ze van het kader te snijden. Verwijder de verf van de te lijmen oppervlakten.

ES ATENCION - Consejos útiles!

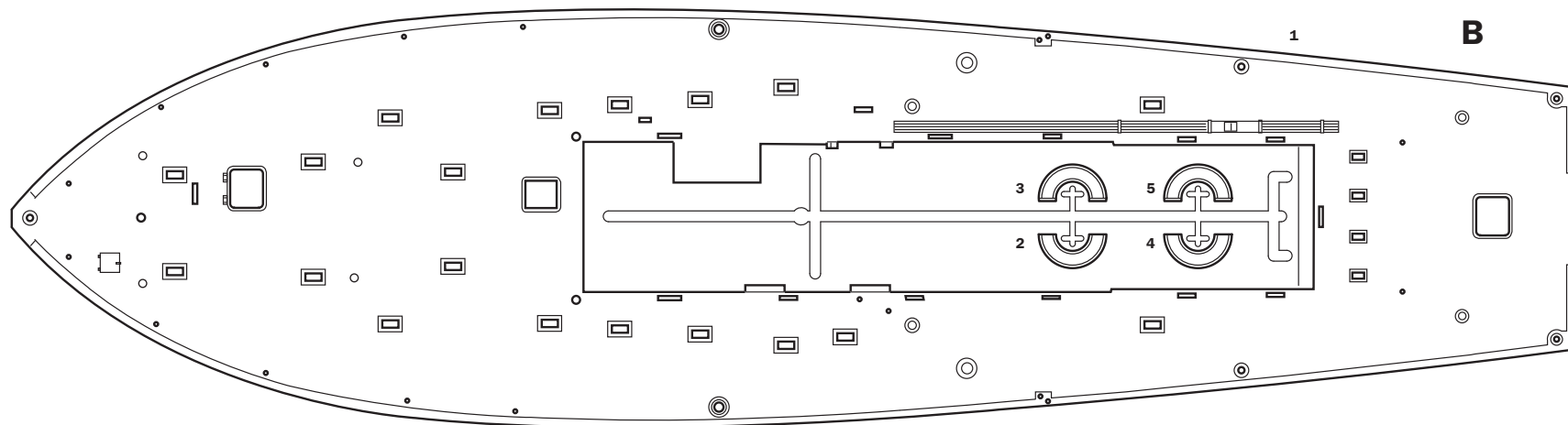
Estudiar las instrucciones cuidadosamente antes de comenzar el montaje. Separar las piezas de las bandejas con un cuchillo afilado o un par de tijeras y retirar el exceso de plástico o rebada. No arrancar las piezas. Montar las piezas en orden numérico. Utilizar SOLAMENTE pegamento para plástico y en poca cantidad para evitar que se dane el modelo. Las flechas negras indican las piezas que se deben pegar juntas. Las flechas blancas indican las piezas que deben ensamblarse SIN usar pegamento. Las letras (A - B - C...) indican en que bandeja se encuentran las piezas. Pintar las piezas pequeñas antes de separarlas de la bandeja. Retirar la pintura de los lugares por donde se deban pegar las piezas.



- EN WARNING:** Model for adult collector age 14 and over
IT ATTENZIONE: Modello per collezionisti adulti di età superiore ai 14 anni
FR ATTENTION: Modèle pour modélistes de 14 ans et plus.
DE ACHTUNG: Modellbausätze Für Modellbauer über 14 Jahre.
NL WAARSCHWING: Geschikt voor 14 jaar en ouder.
ES ATENCION: Modelo para modelistas mayores de 14 años.







A 1




B

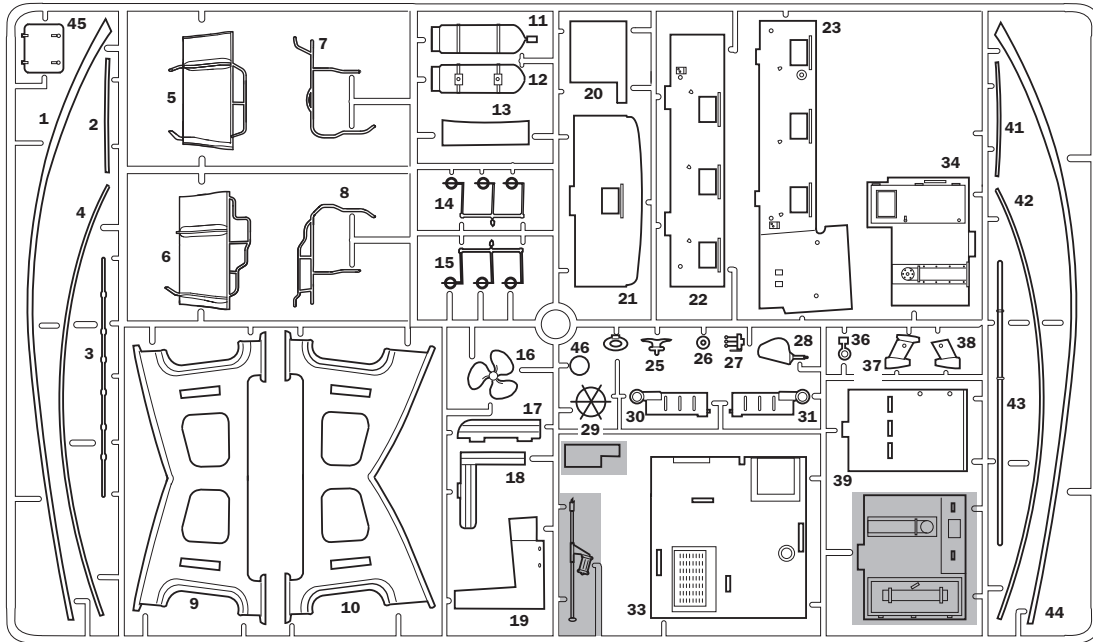


<p>HOSE Ø MM 1</p> 	<p>THIN HOSE Ø MM 0,4</p> 	<p>2,3MM x 6,5MM</p>  <p>x4</p> <hr/> <p>2,3MM x 4,5MM</p>  <p>x3</p>
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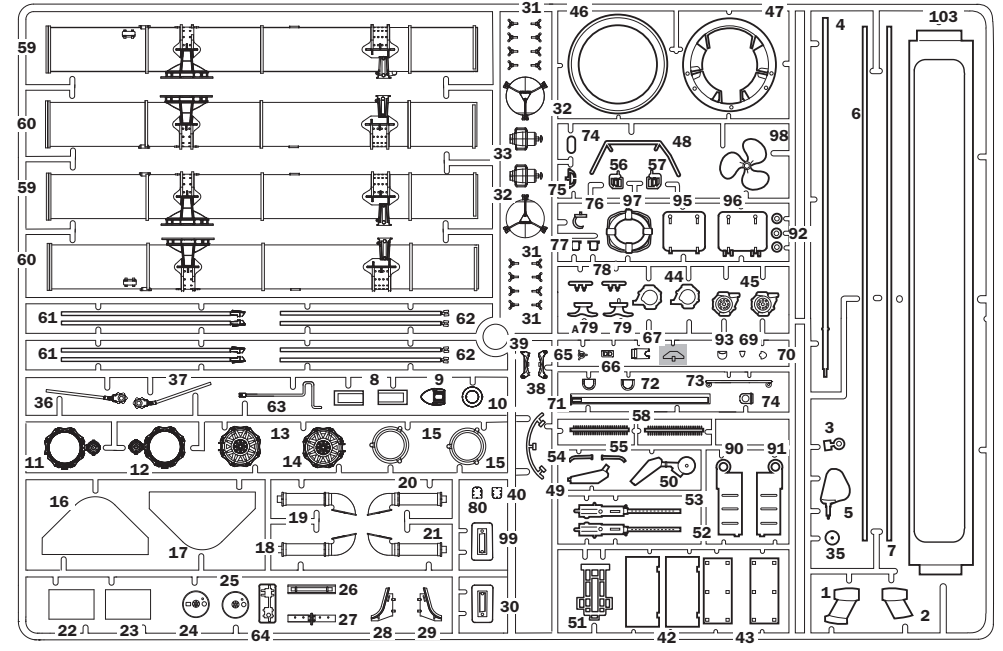

 APRIRE I FORI
 DRILL HOLES
 DIE LOCHER AUSBOHREN
 OUVRIER LES TROUS
 PERFORAR LOS AQUJEROS
 BOOR GAATJES


 CUT
 ENTFERNEN
 RETIRER
 SEPARARE

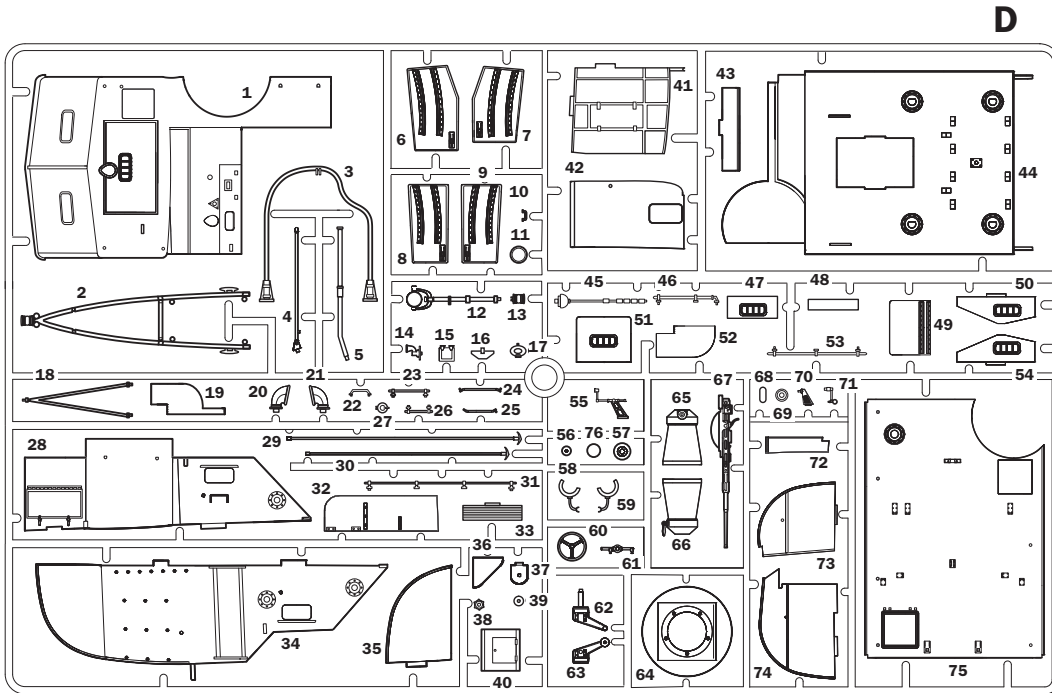

 Parts not for use
 Telle werden nicht verwendet
 Parti da non utilizzare
 Pièces à ne pas utiliser



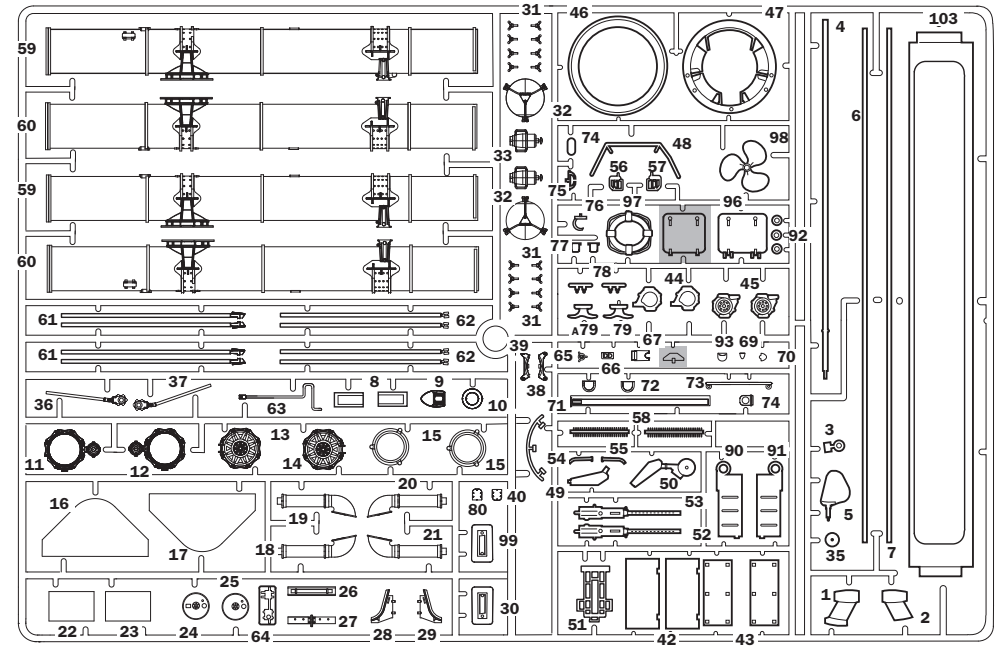
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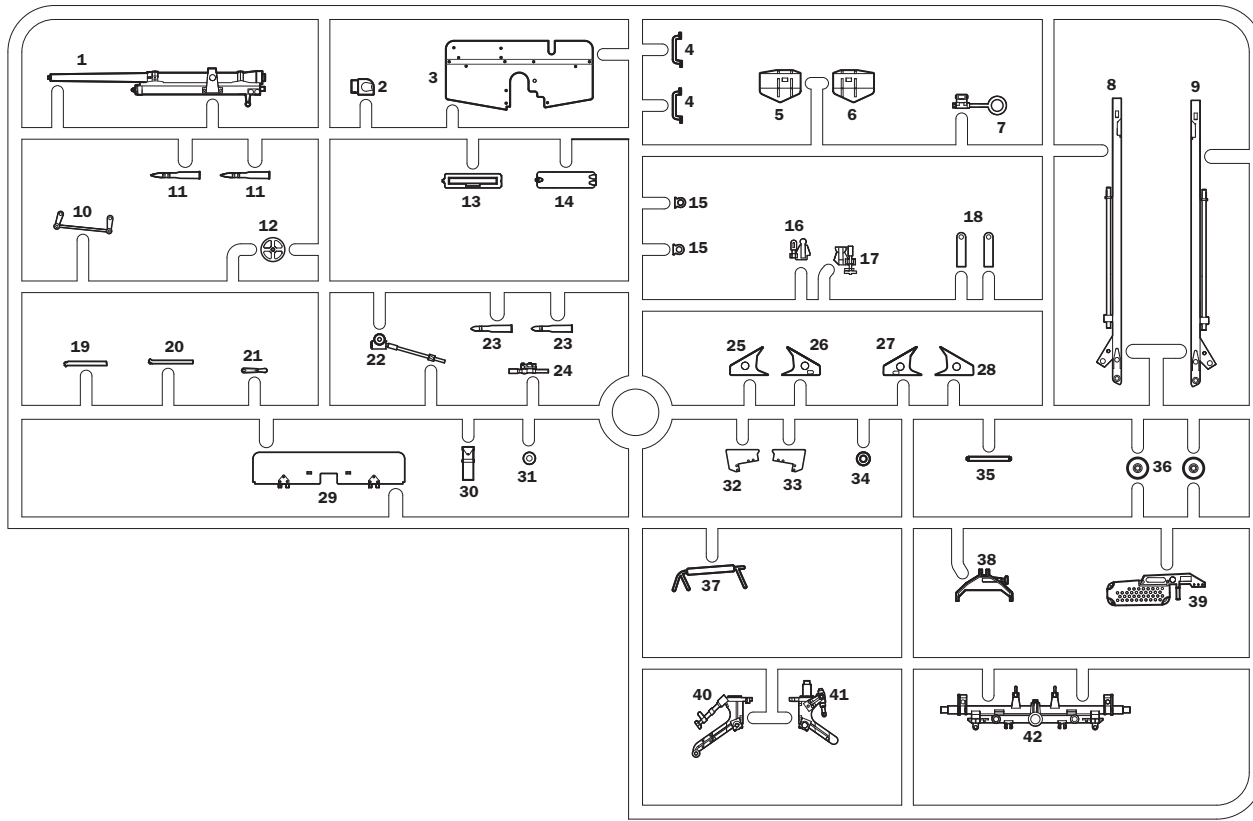
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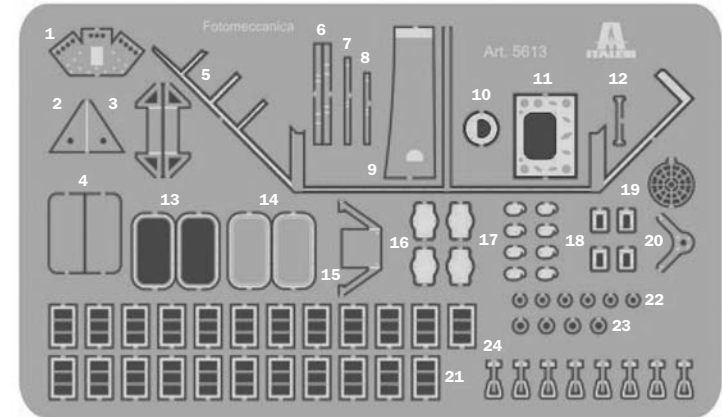
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E

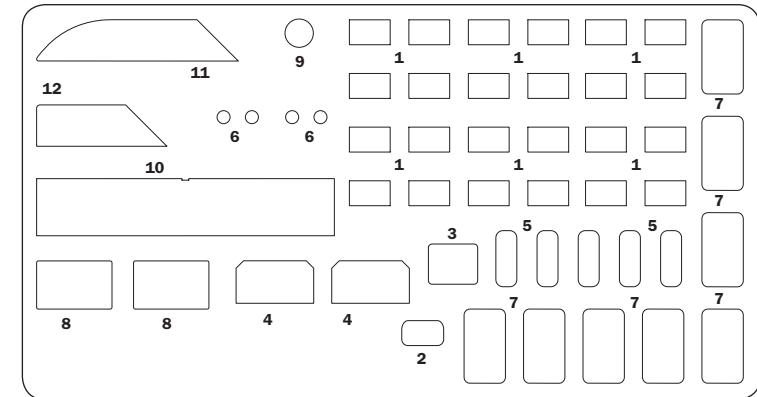


F



Photoetched

PH



Clear Sheet

I numeri si riferiscono all'assortimento colori ITALERI Model Master / ITALERI ACRYLICPAINT
 The indicated colour numbers refer to the ITALERI Model Master / ITALERI ACRYLICPAINT
 Die angegebenen Farbnummern beziehen sich auf die ITALERI Model Master / ITALERI ACRYLICPAINT
 Les références indiquées concernent les peintures ITALERI Model Master / ITALERI ACRYLICPAINT

A

FLAT RED
F.S. 31400

MODEL MASTER - 1550
 ITALERI ACRYLICPAINT - 4606AP

B

GLOSS BRASS

ITALERI ACRYLICPAINT - 4672AP

C

FLAT BLACK
F.S. 37038

MODEL MASTER - 1749
 ITALERI ACRYLICPAINT - 4768AP

D

FLAT MEDIUM GREEN
F.S. 34102

MODEL MASTER - 1713
 ITALERI ACRYLICPAINT - 4734AP

E

FLAT LIGHT GHOST GRAY
F.S. 36300

MODEL MASTER - 1728
 ITALERI ACRYLICPAINT - 4762AP

F

GLOSS SILVER
F.S. 17178

MODEL MASTER - 1546
 ITALERI ACRYLICPAINT - 4678AP

G

FLAT GUN METAL
F.S. 37200

MODEL MASTER - 1405
 ITALERI ACRYLICPAINT - 4681AP

H

GLOSS RED
F.S. 11302

MODEL MASTER - 1503
 ITALERI ACRYLICPAINT - 4605AP

I

GLOSS GREEN
F.S. 14090

MODEL MASTER - 1524
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J

GLOSS WHITE
F.S. 17875

MODEL MASTER - 1745
 ITALERI ACRYLICPAINT - 4696AP

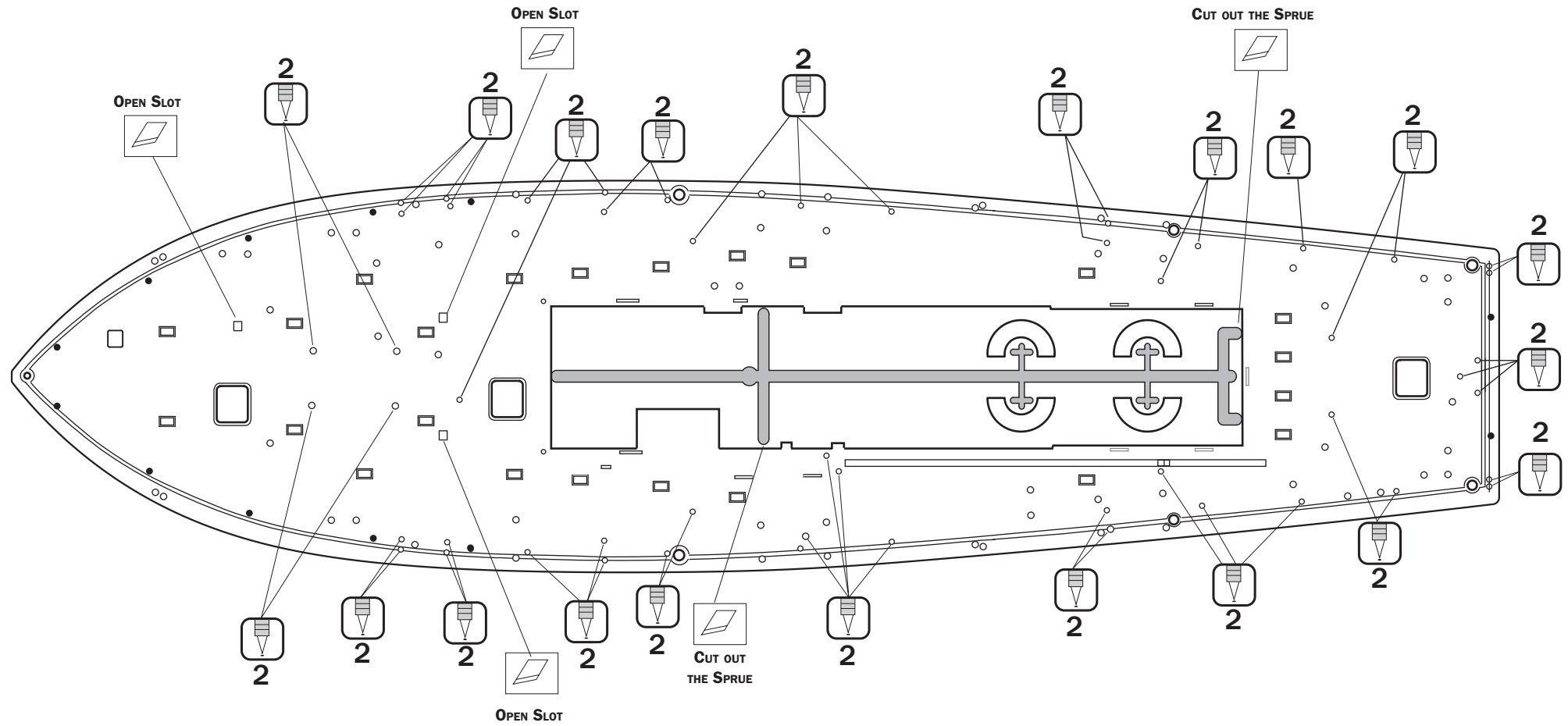
K

FLAT WOOD
F.S. 30257

MODEL MASTER - 1735
 ITALERI ACRYLICPAINT - 4673AP

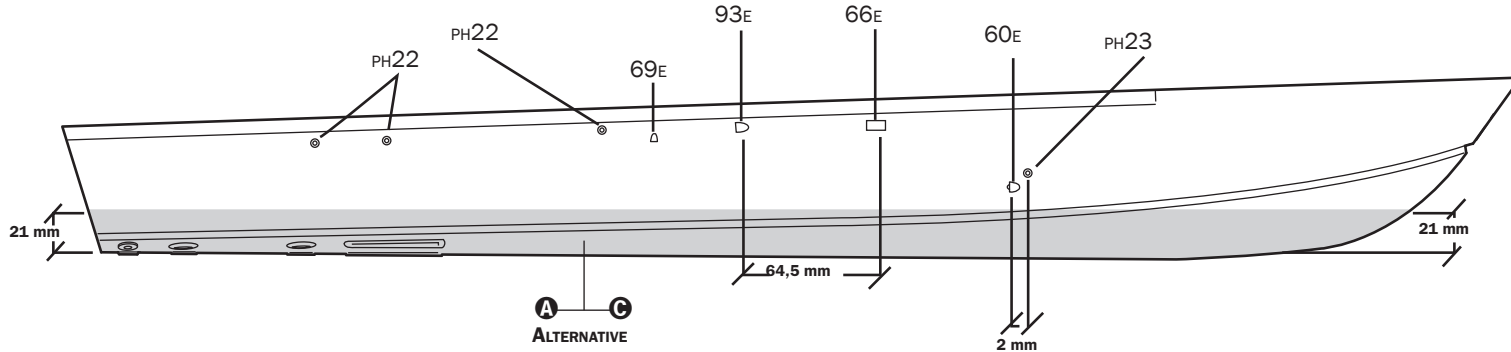
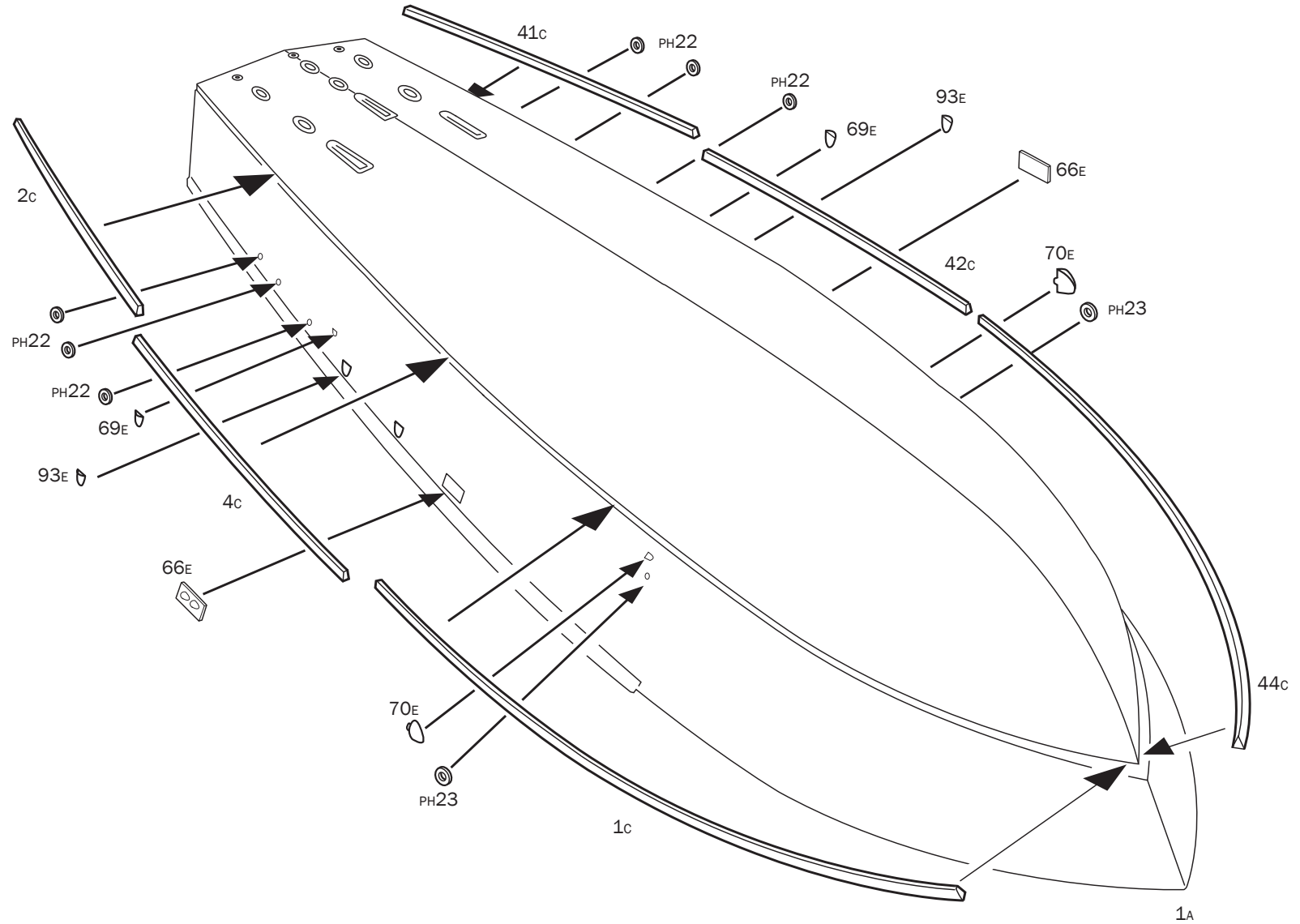
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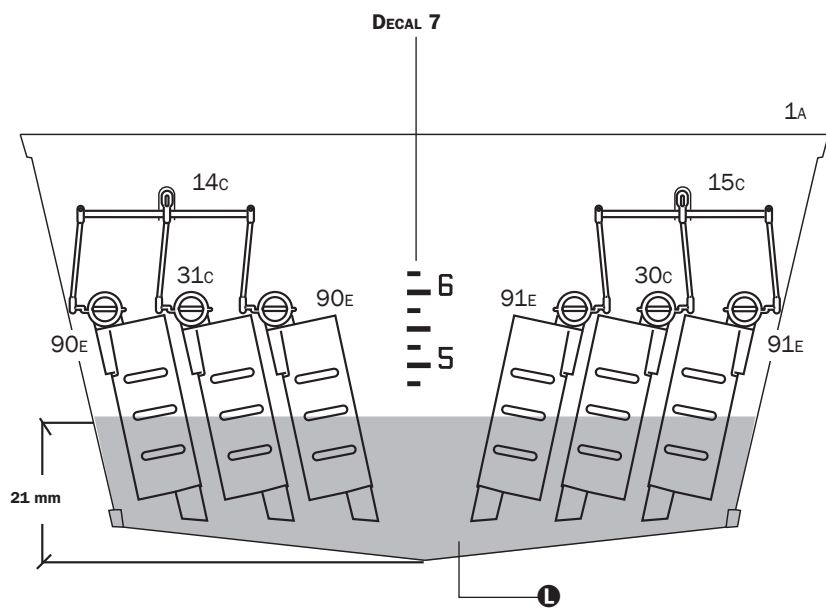
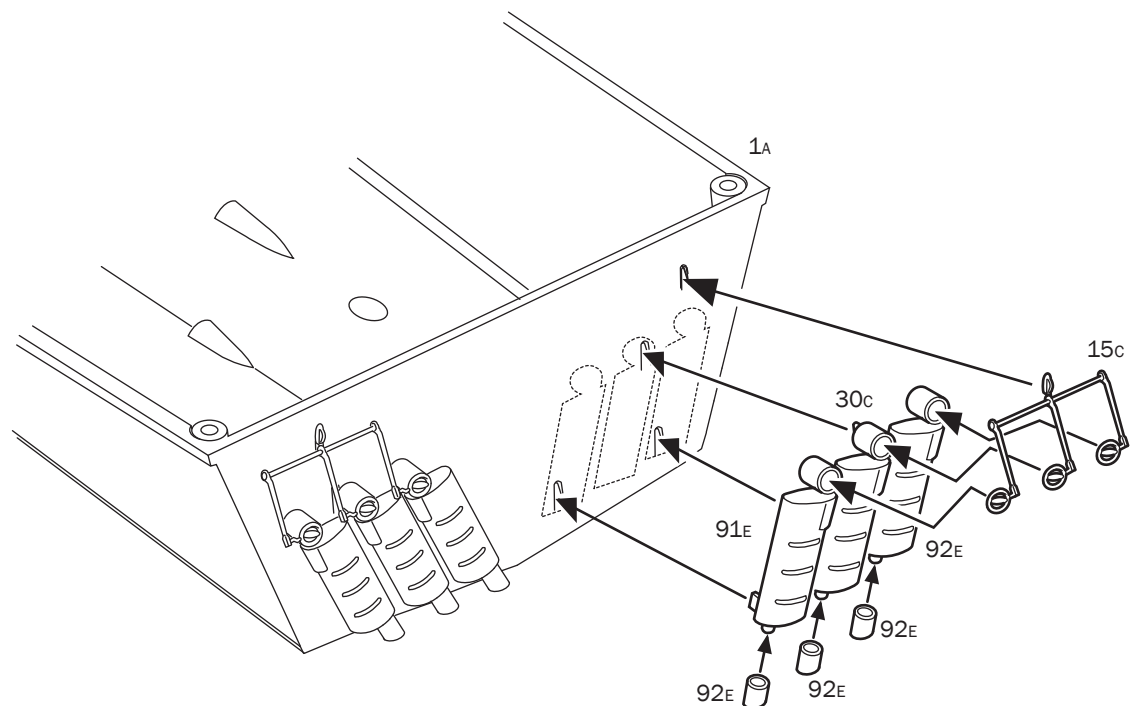
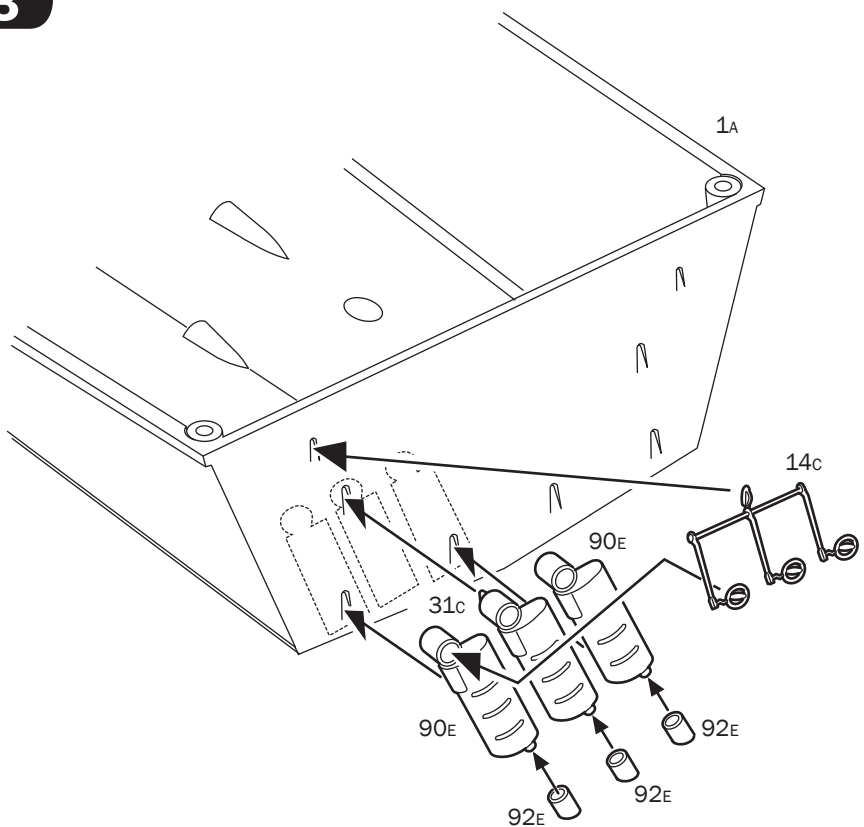
BOTTOM VIEW OF THE DECK PART 1B PT 109



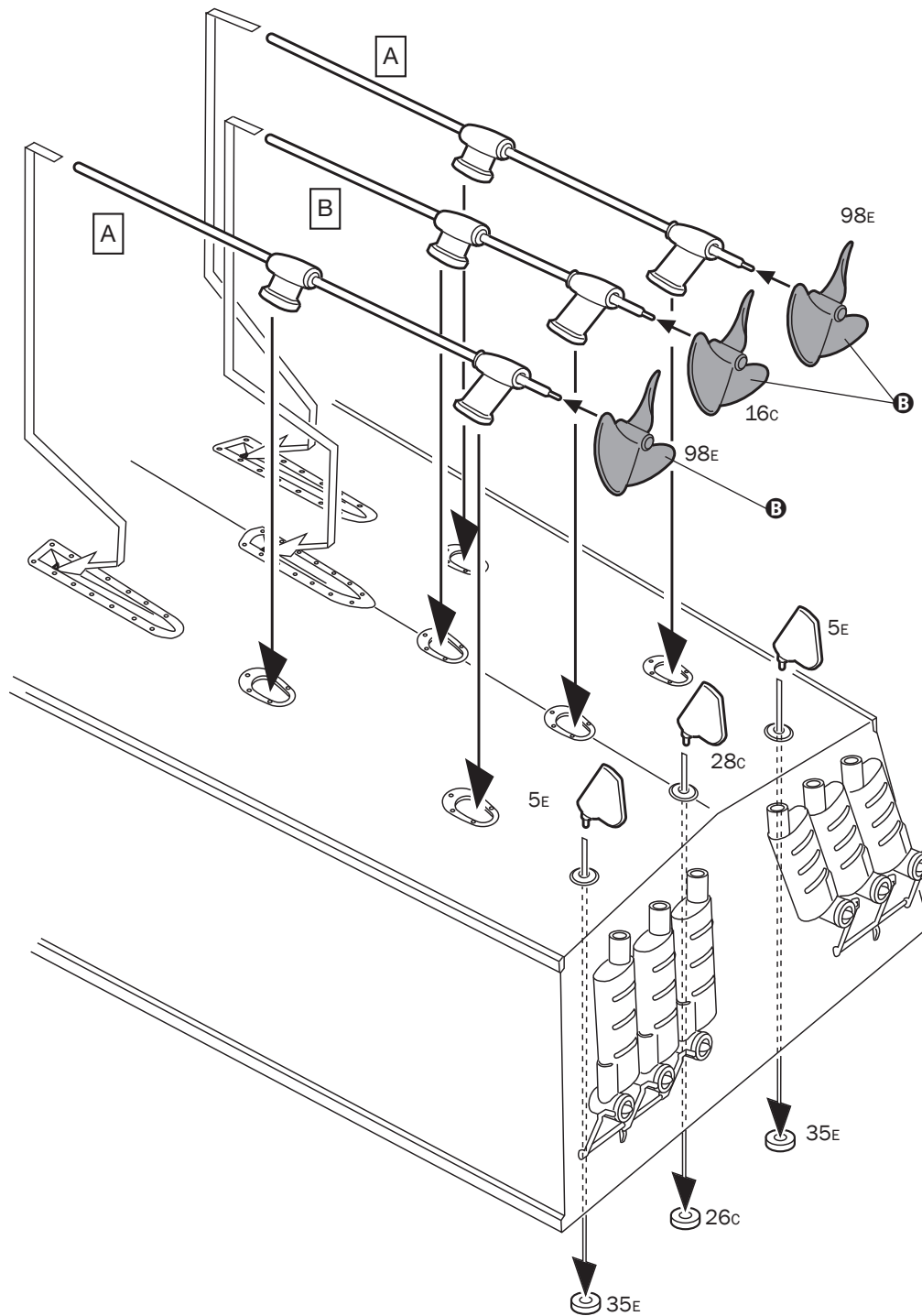
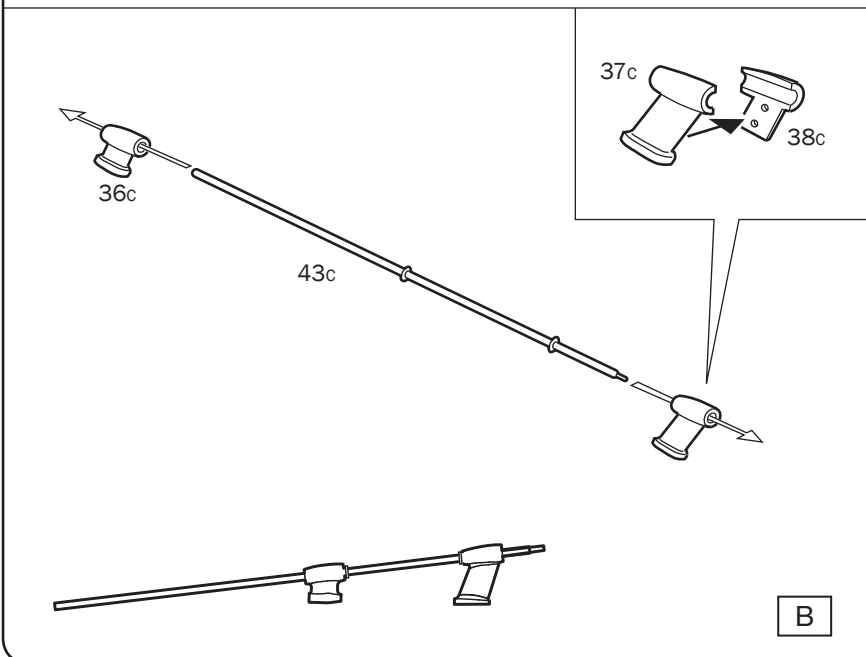
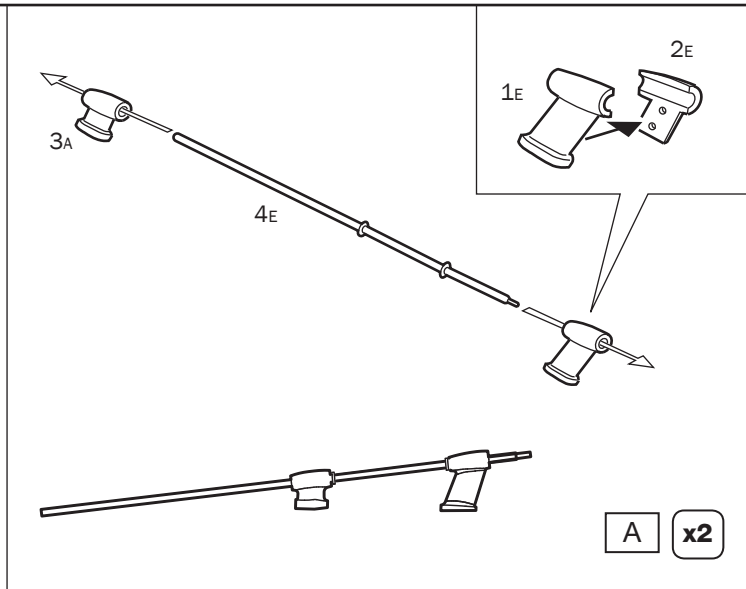
- THIS DOTS RAPRESENTS THE OPENED HOLES
- THIS CIRCLES NUMBERED 2 MUST BE OPENED

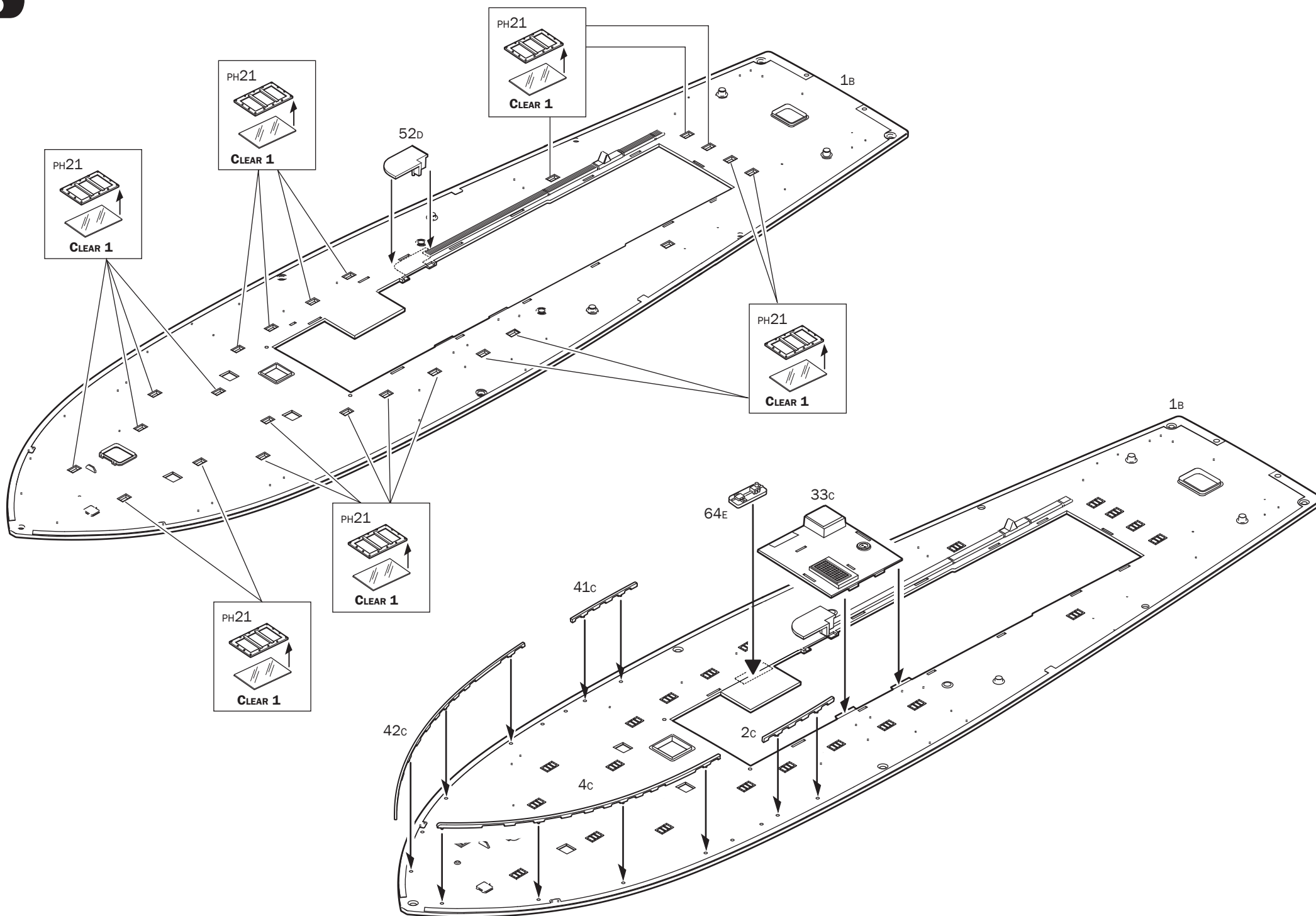
OTHERS CIRCLES ARE FOR ANOTHER VERSION: NOT IN USE FOR THIS MODEL

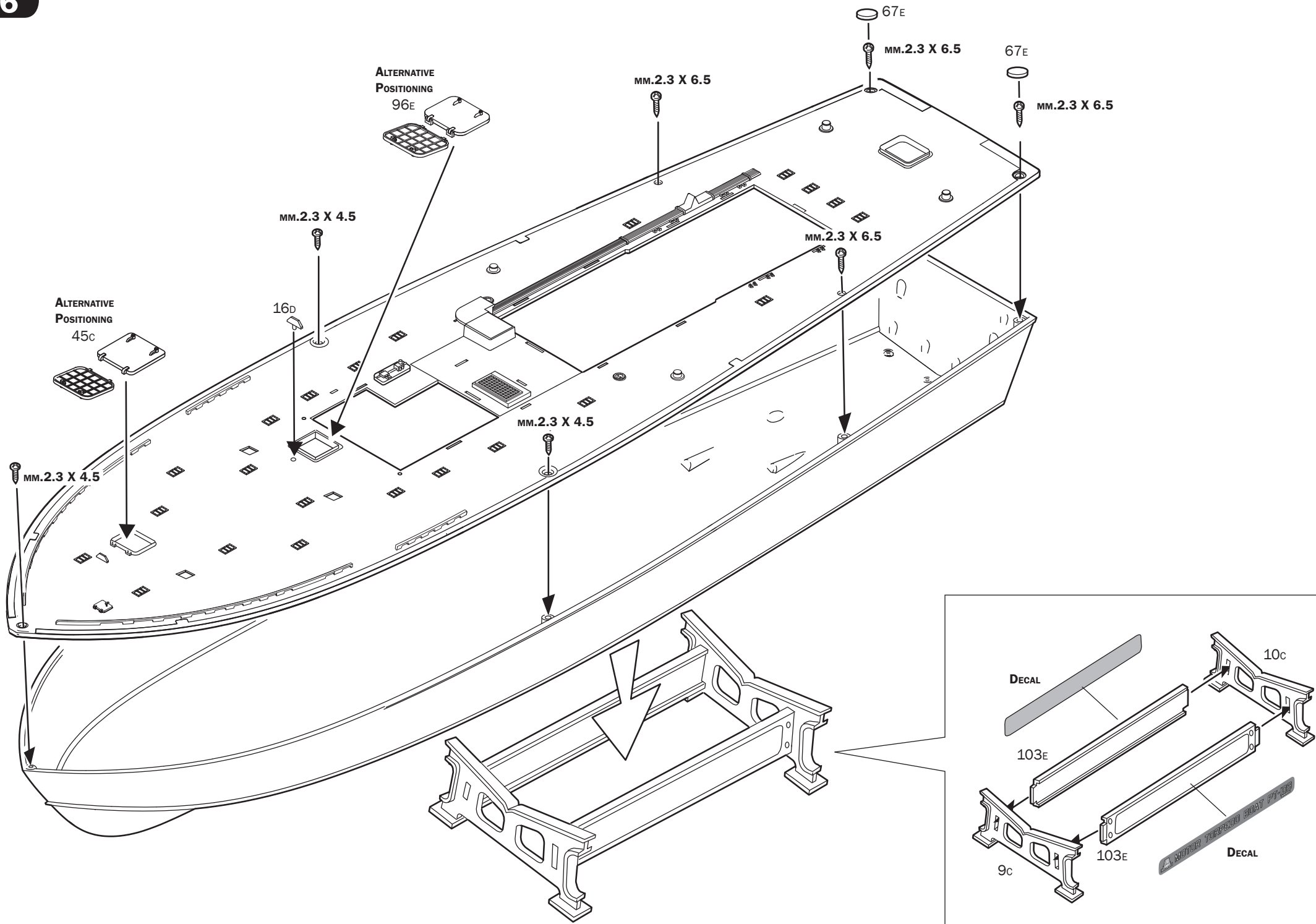


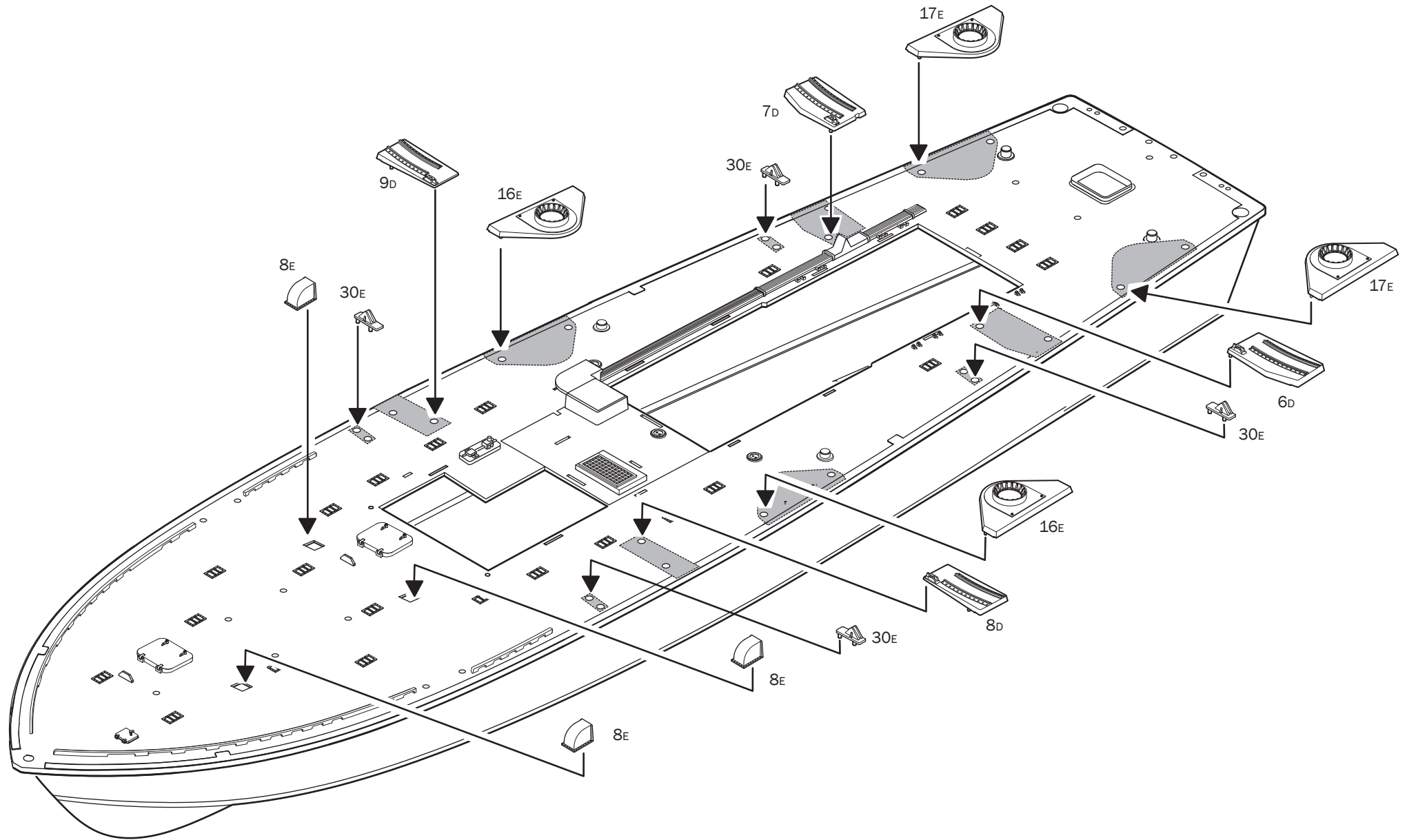


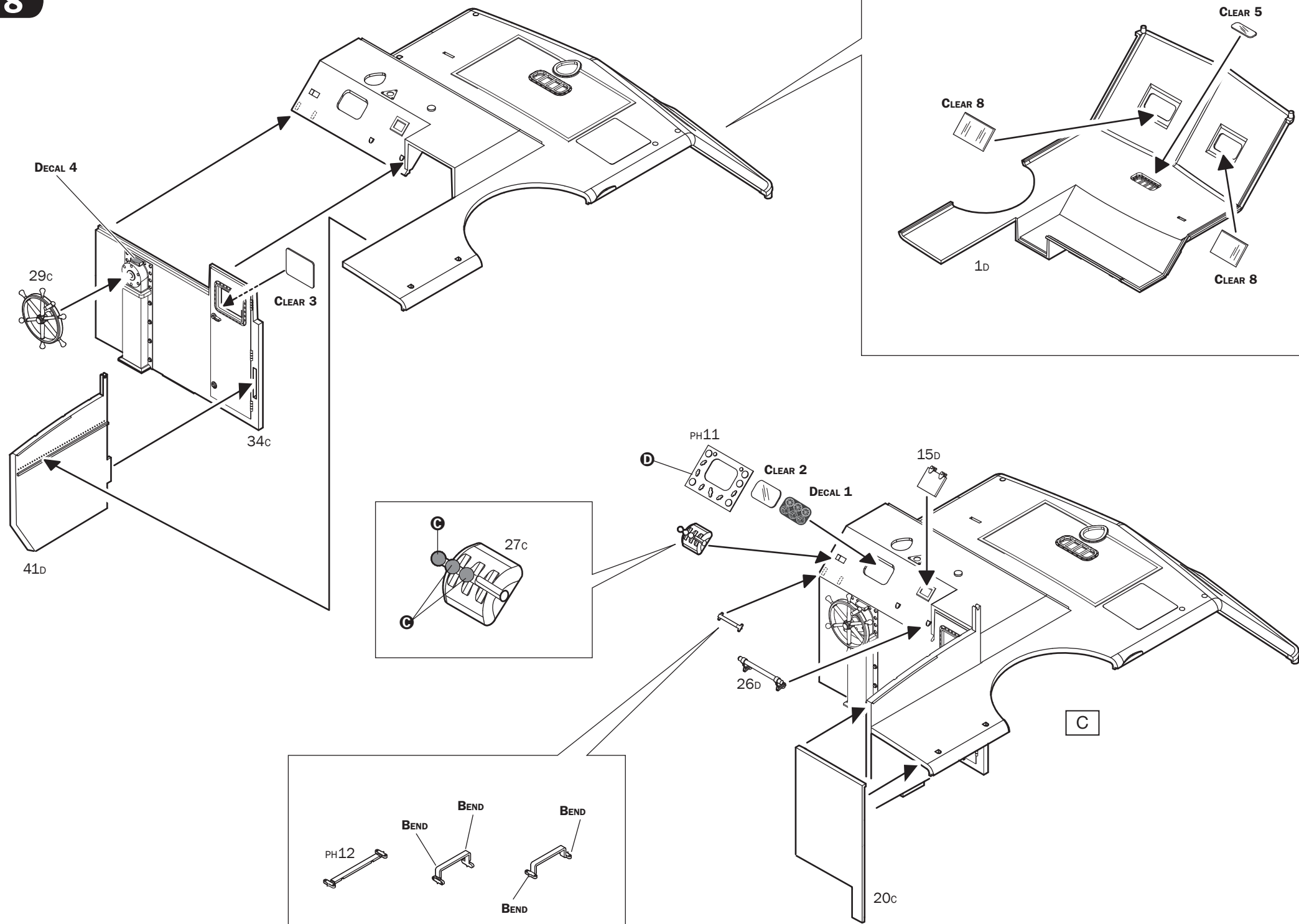
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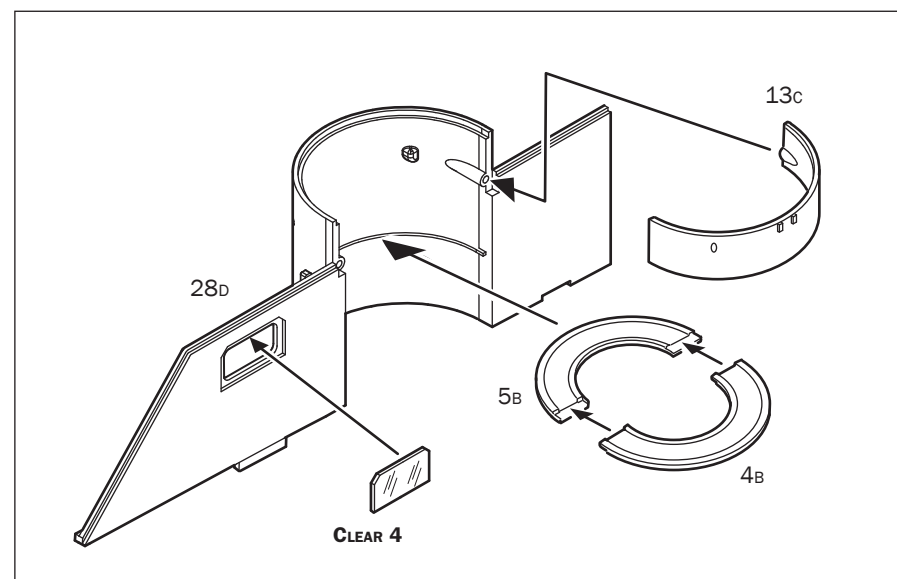
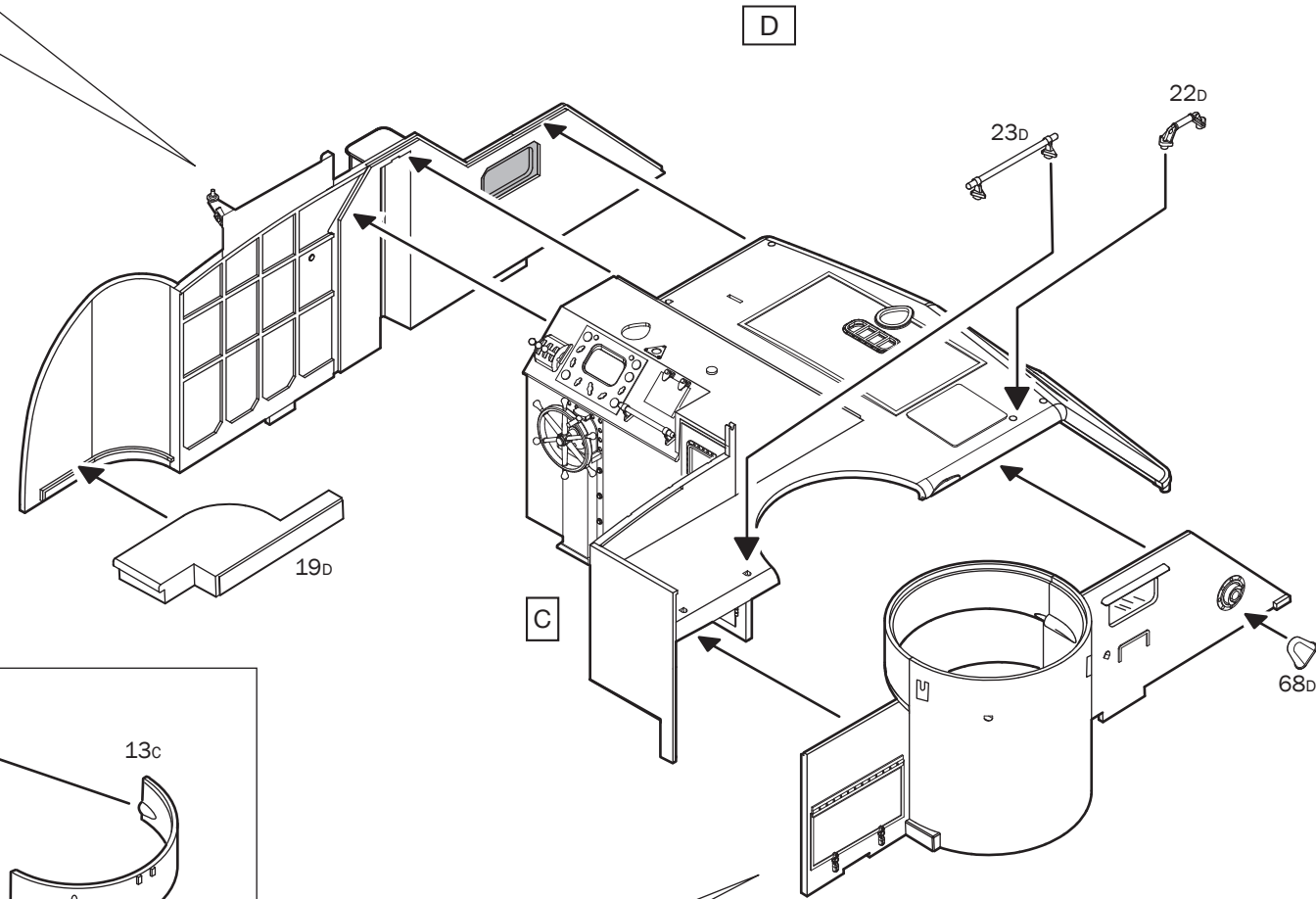
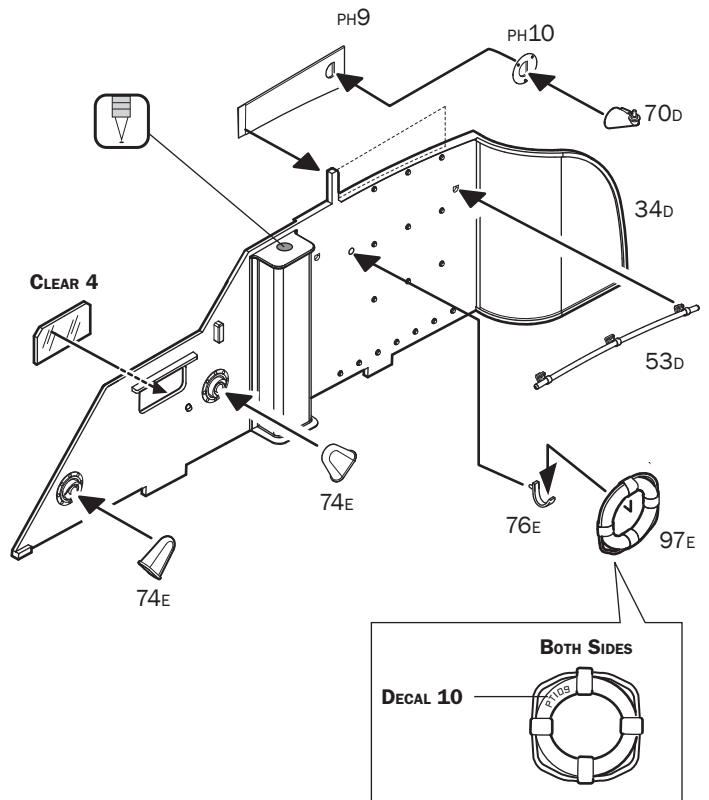


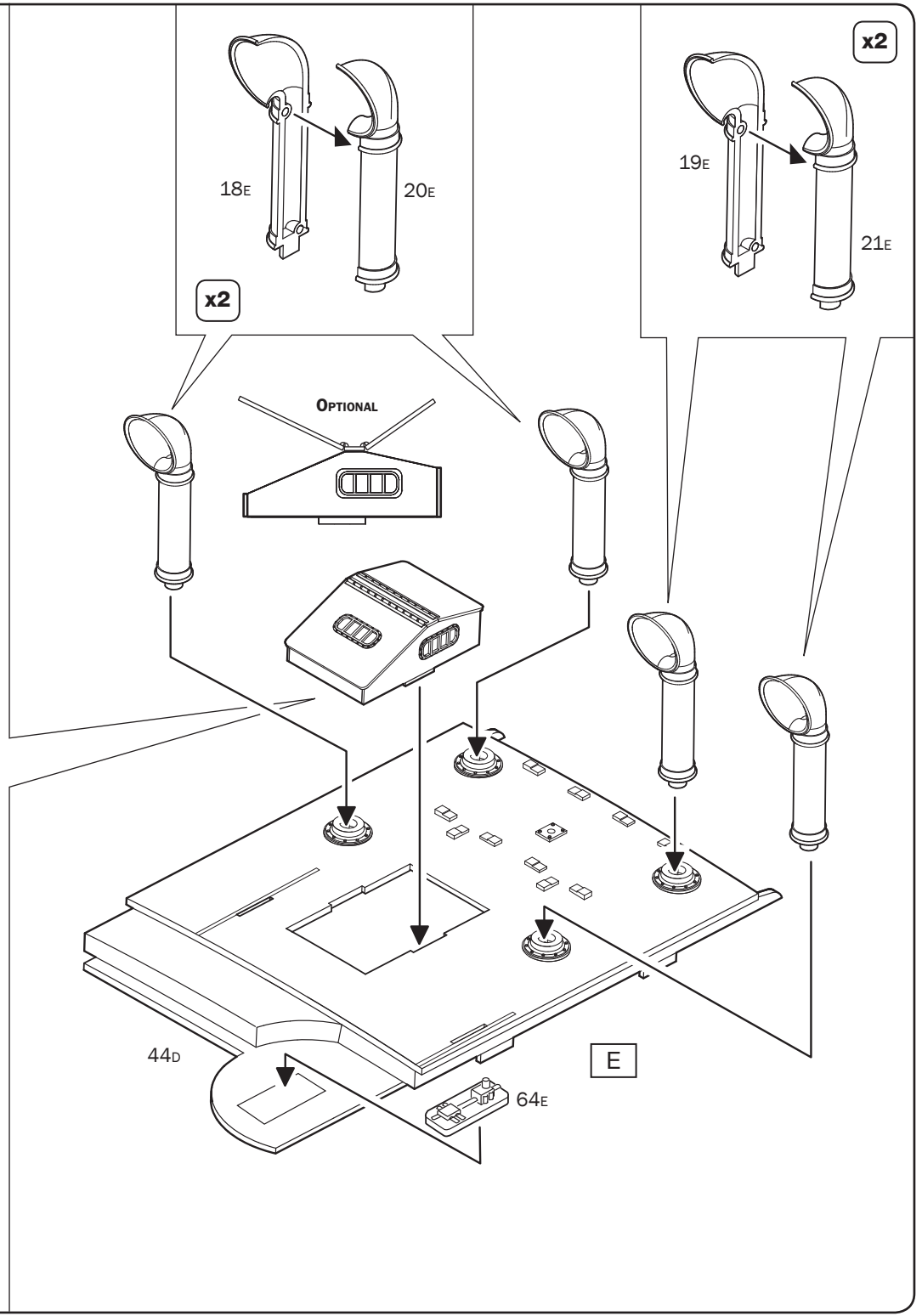
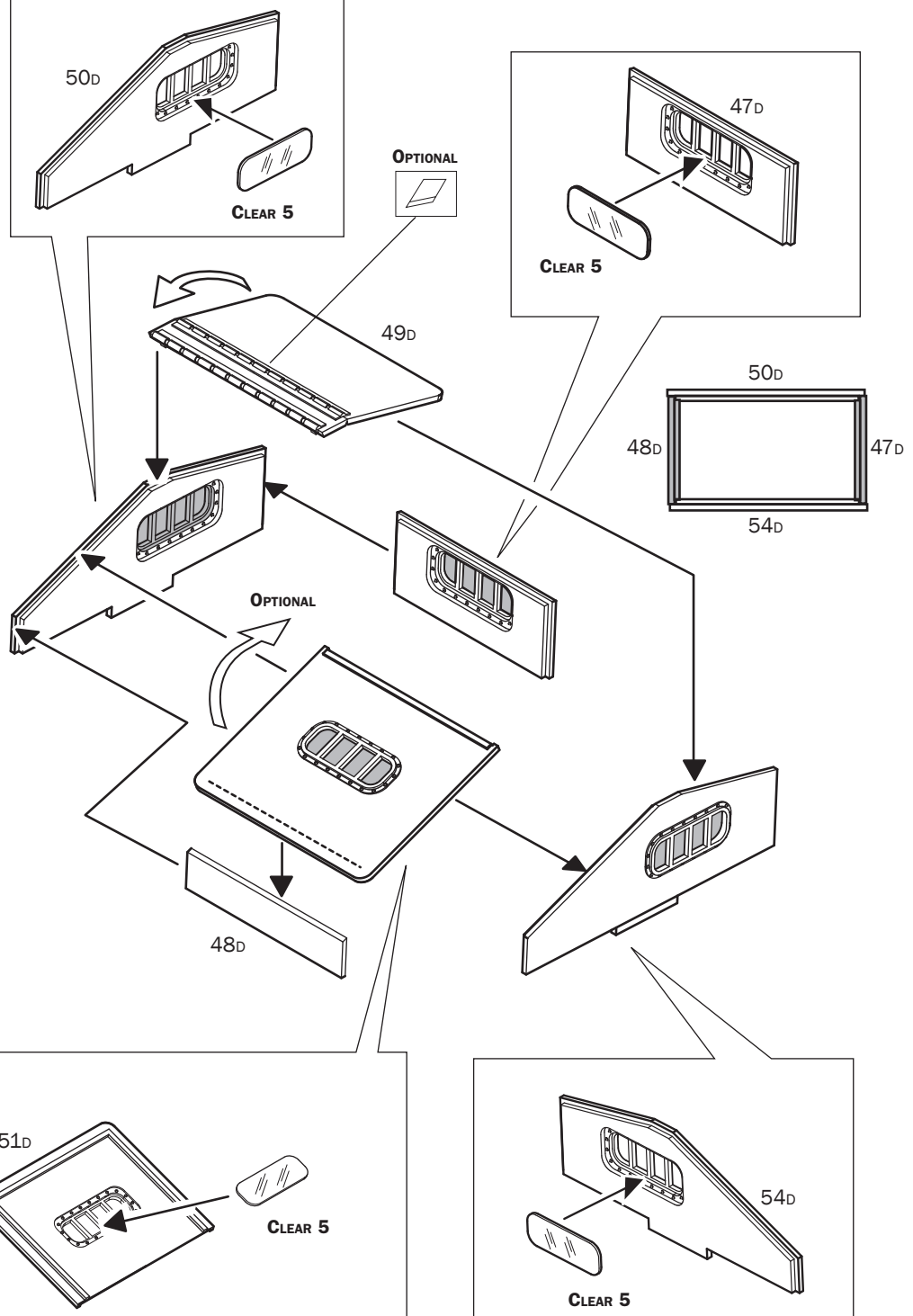


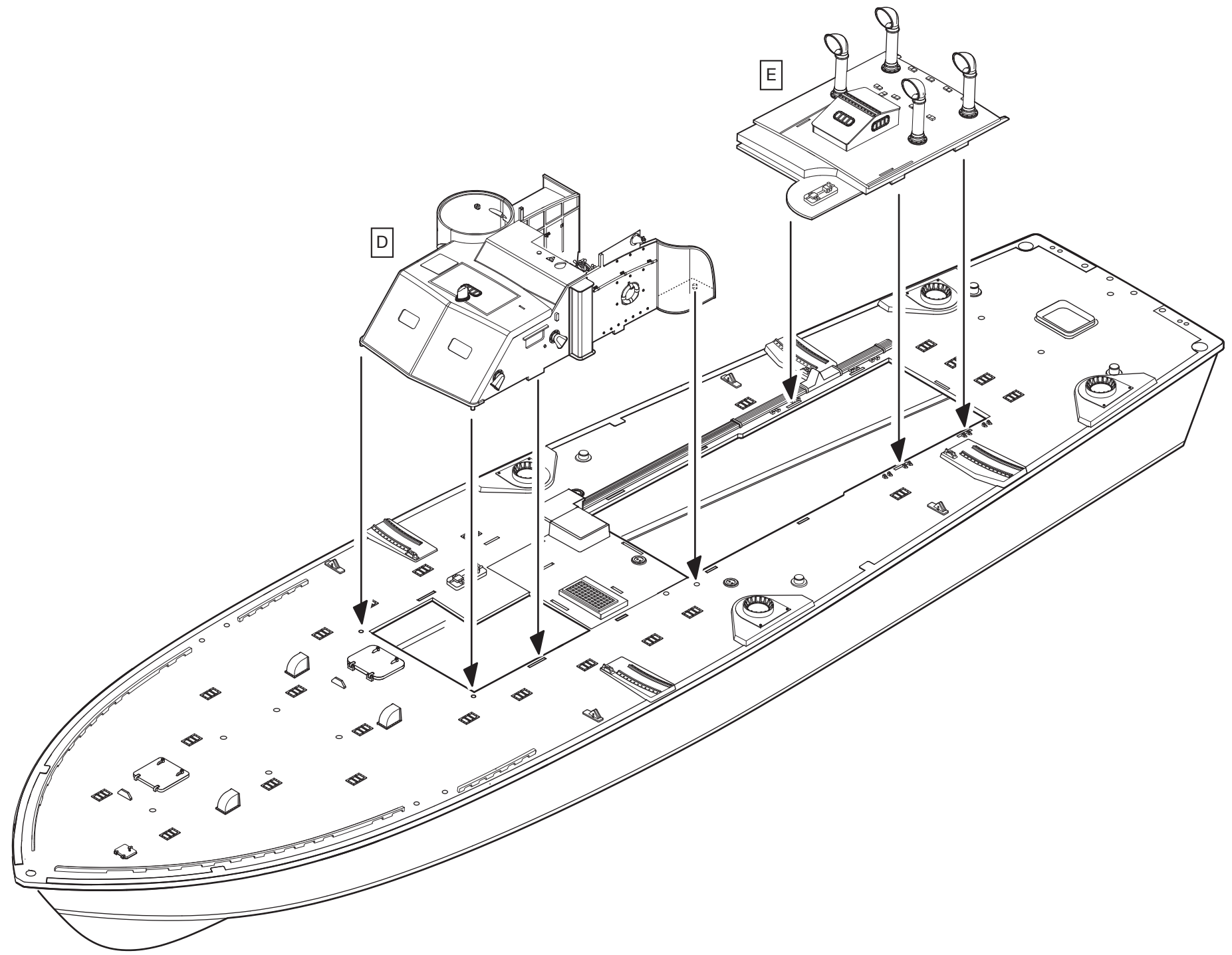


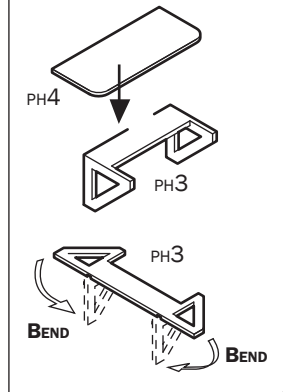
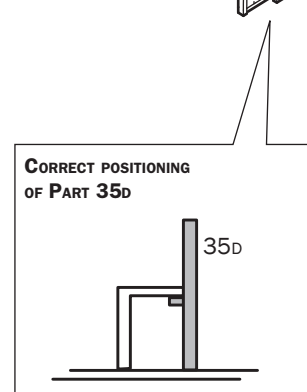
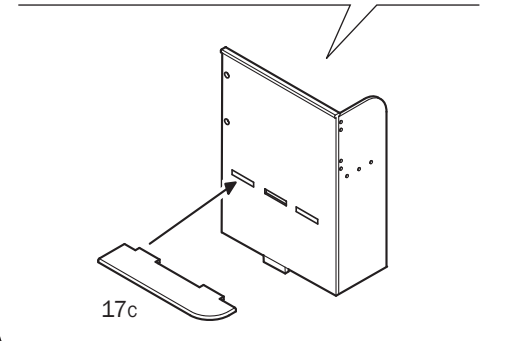
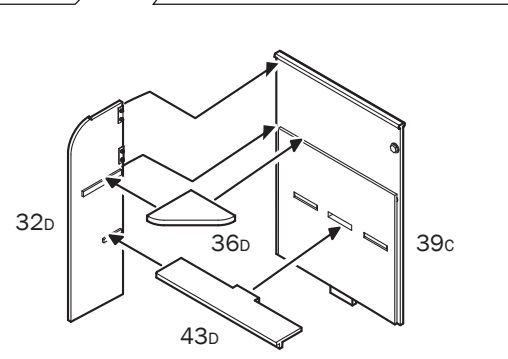
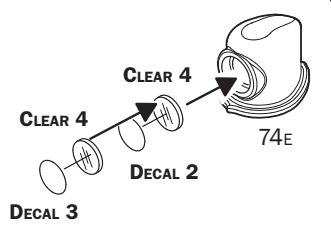
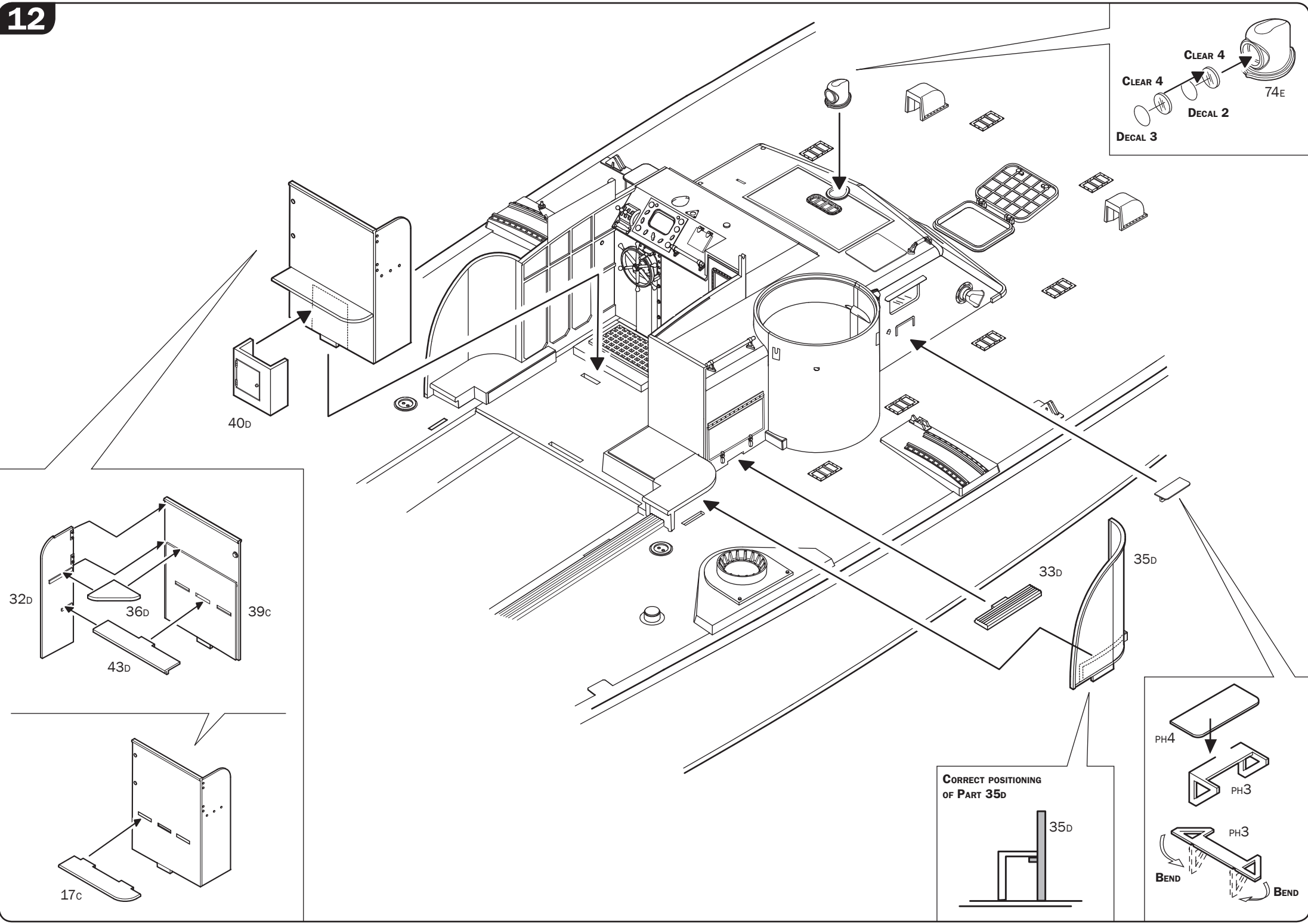


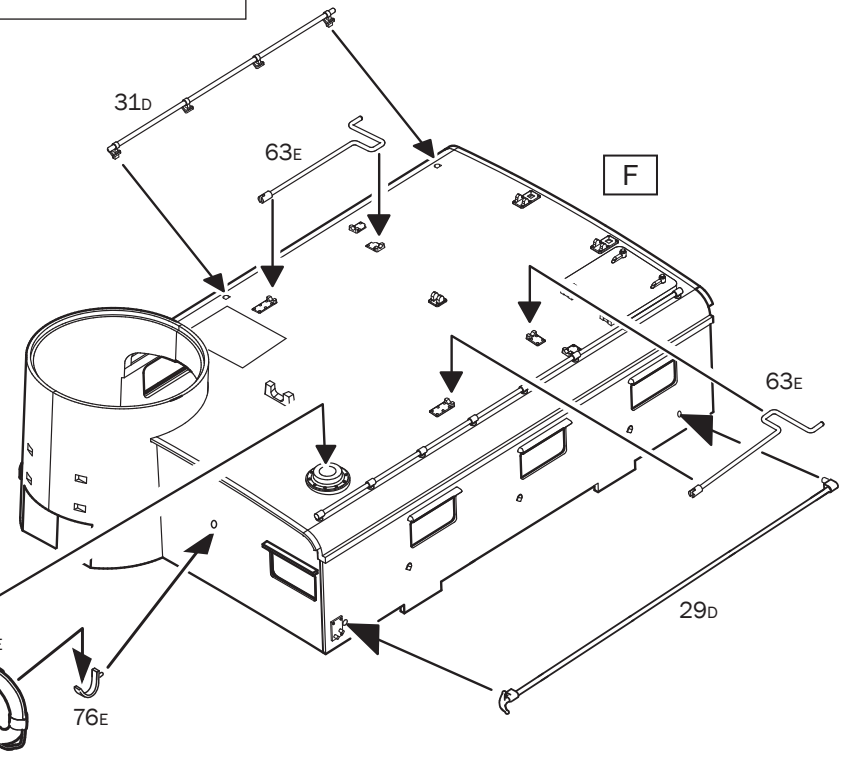
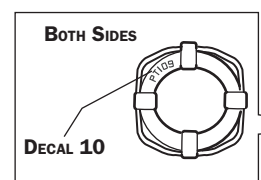
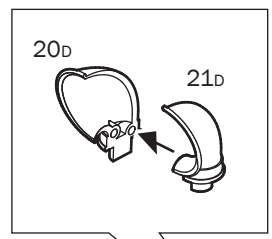
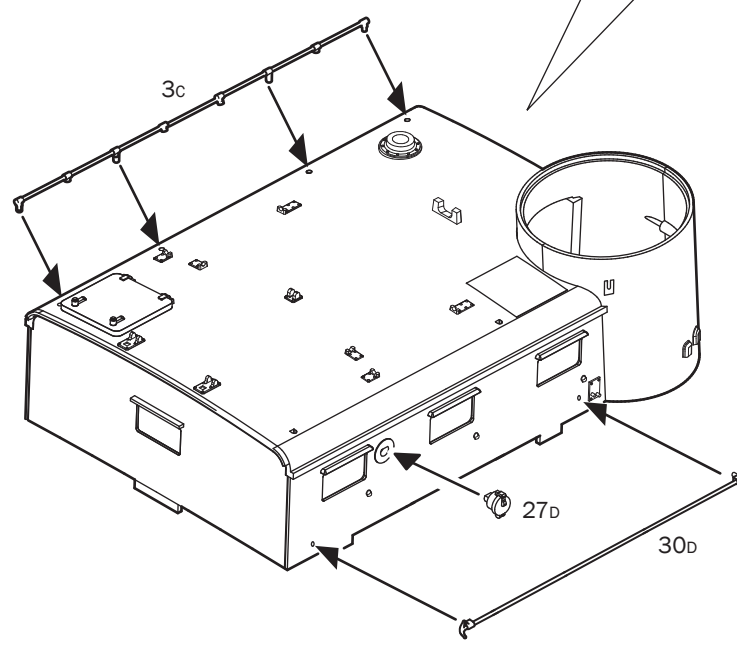
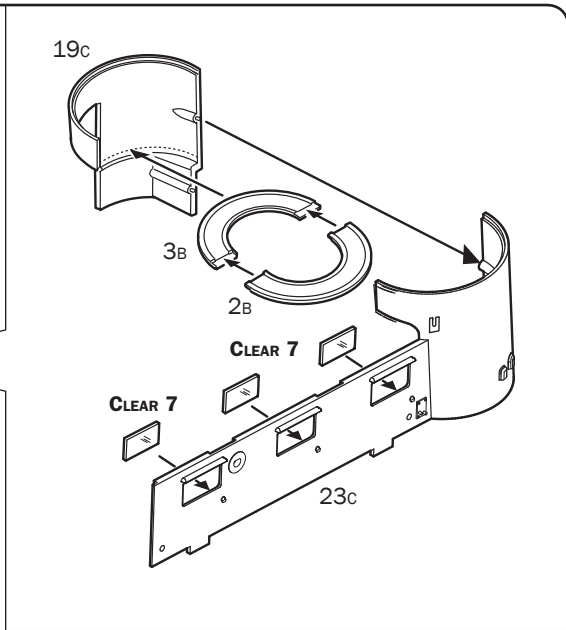
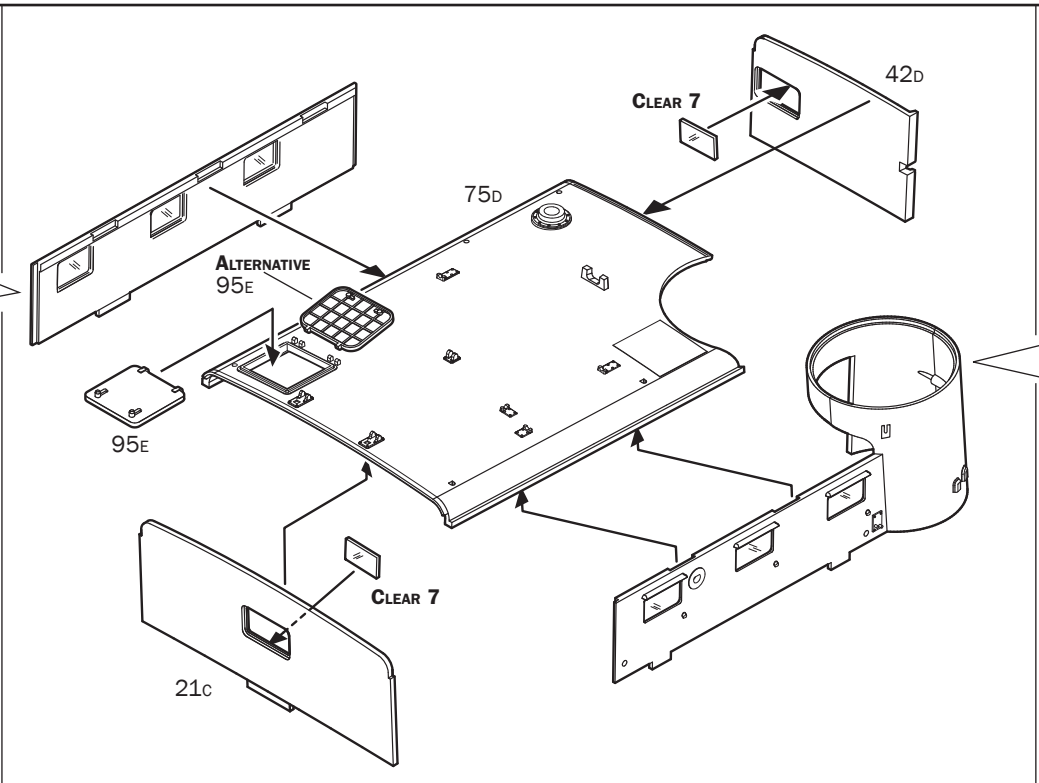
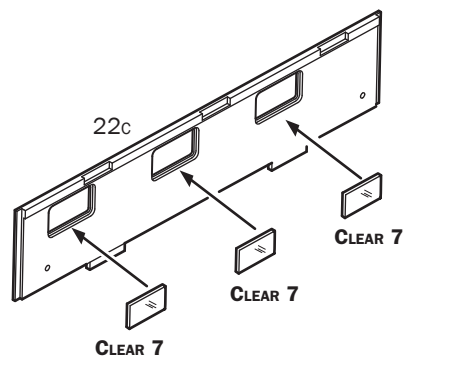


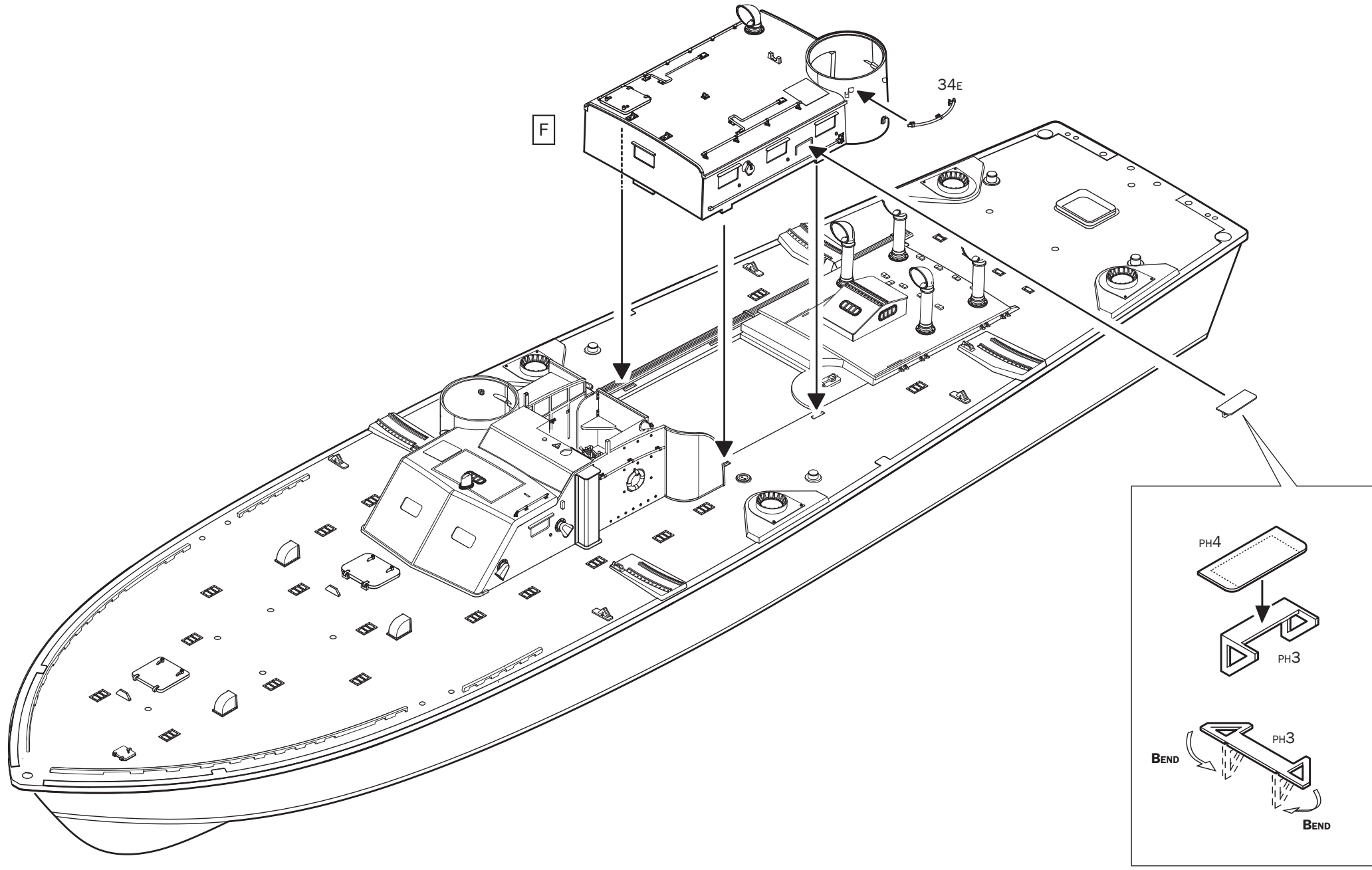






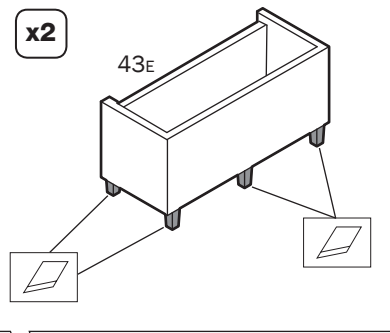






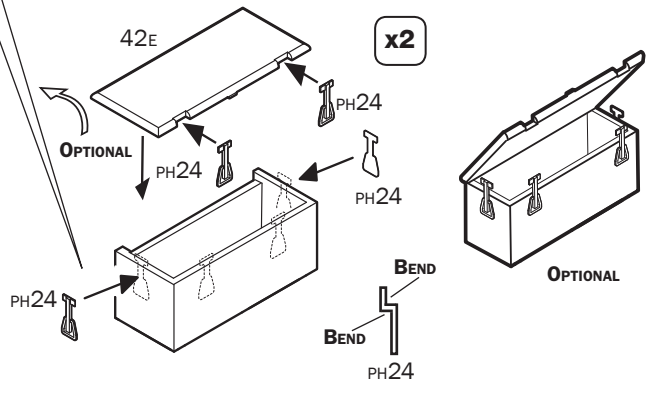
x2

43E



42E

x2

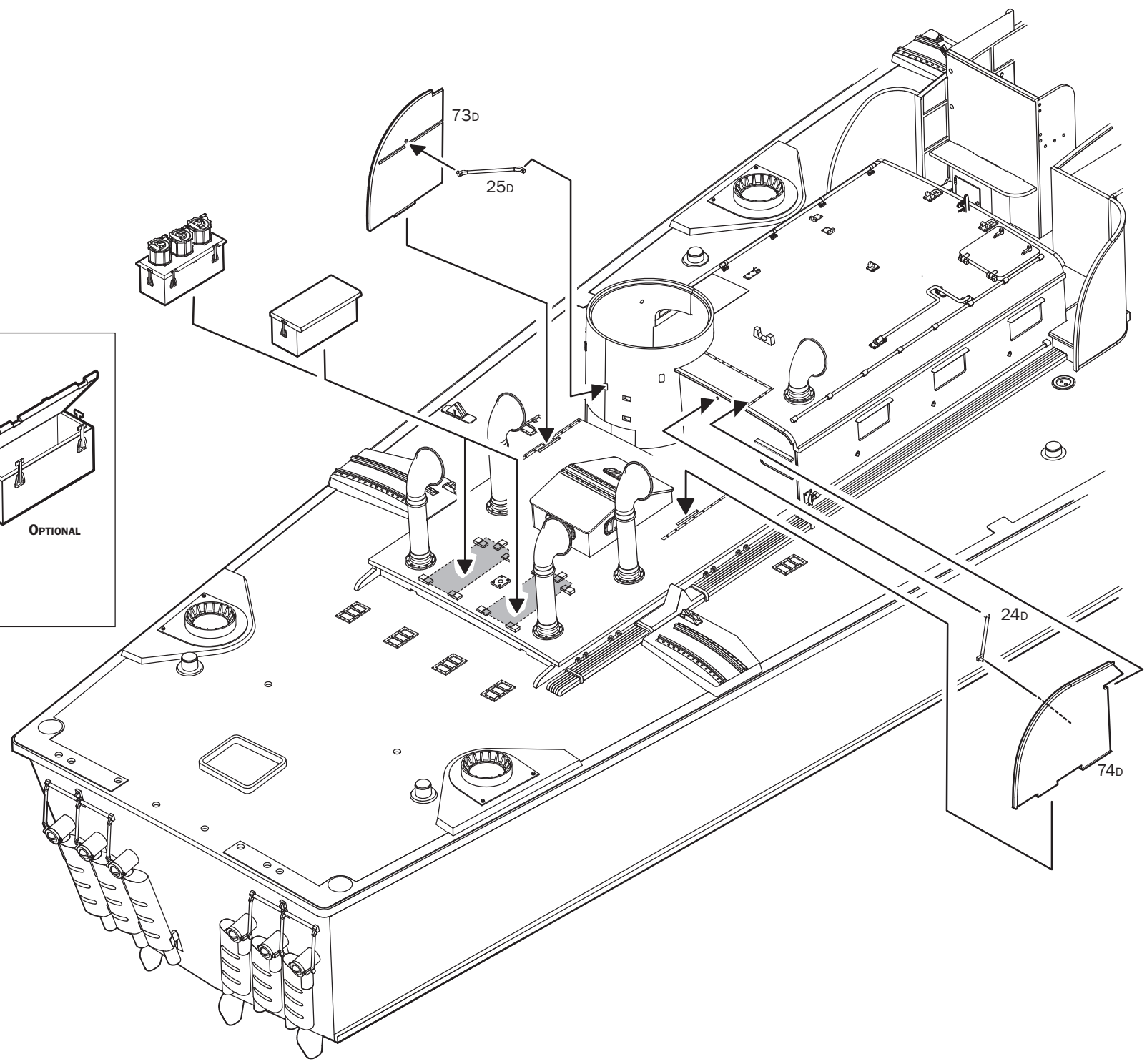
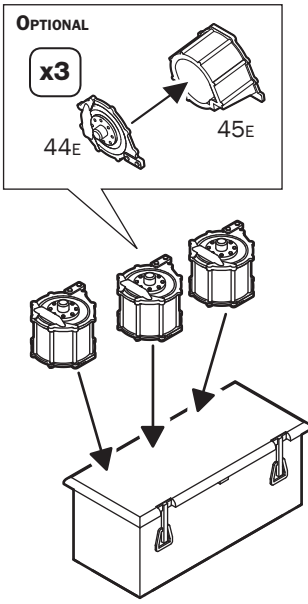


OPTIONAL

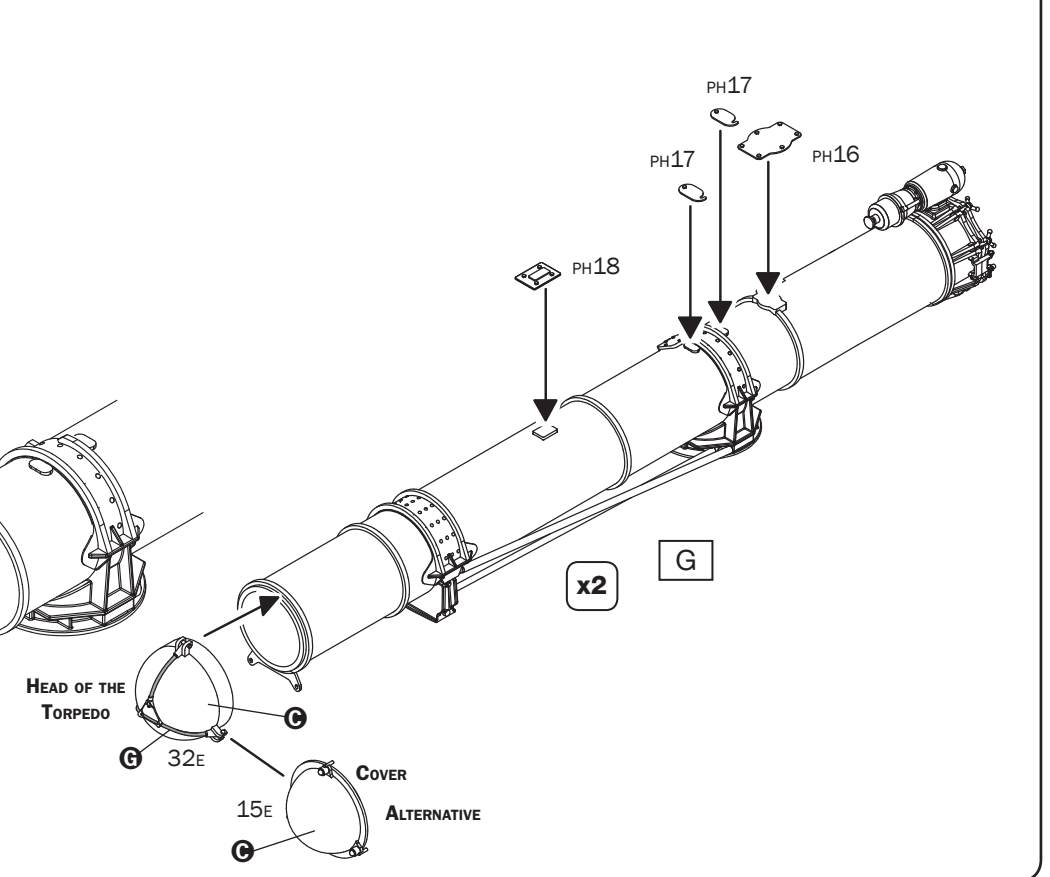
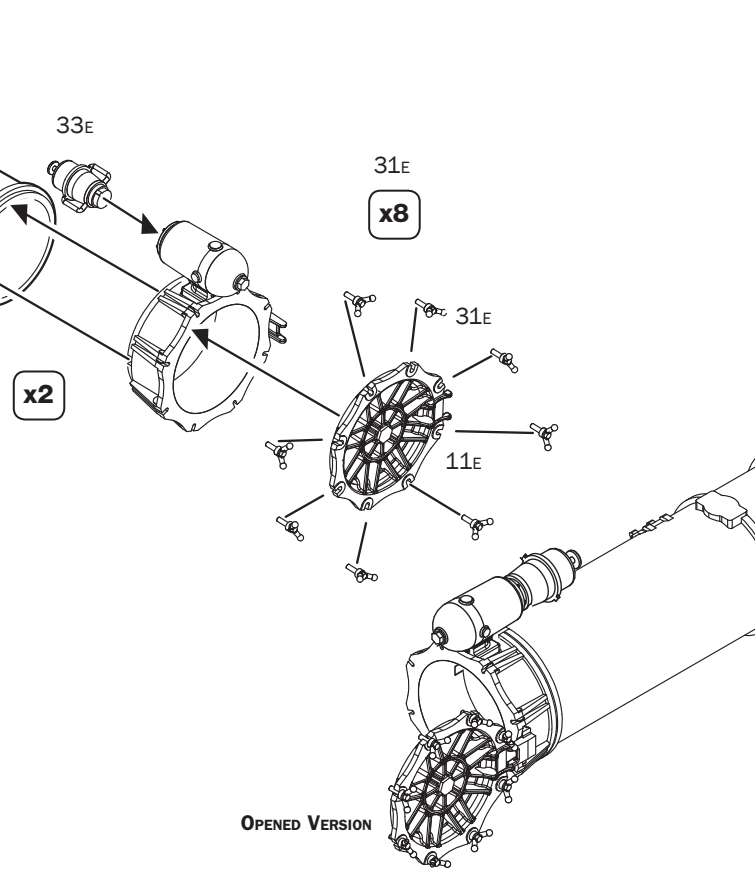
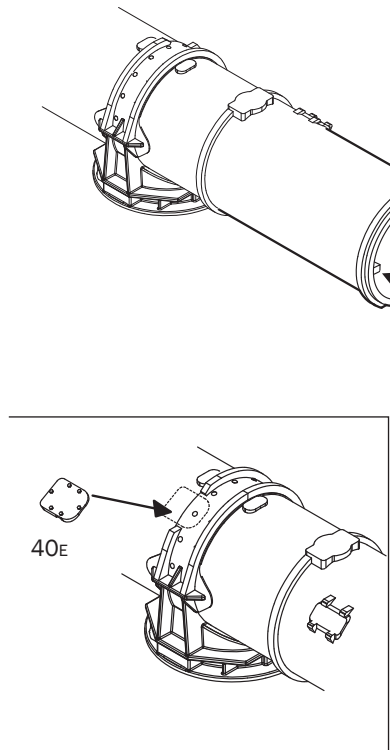
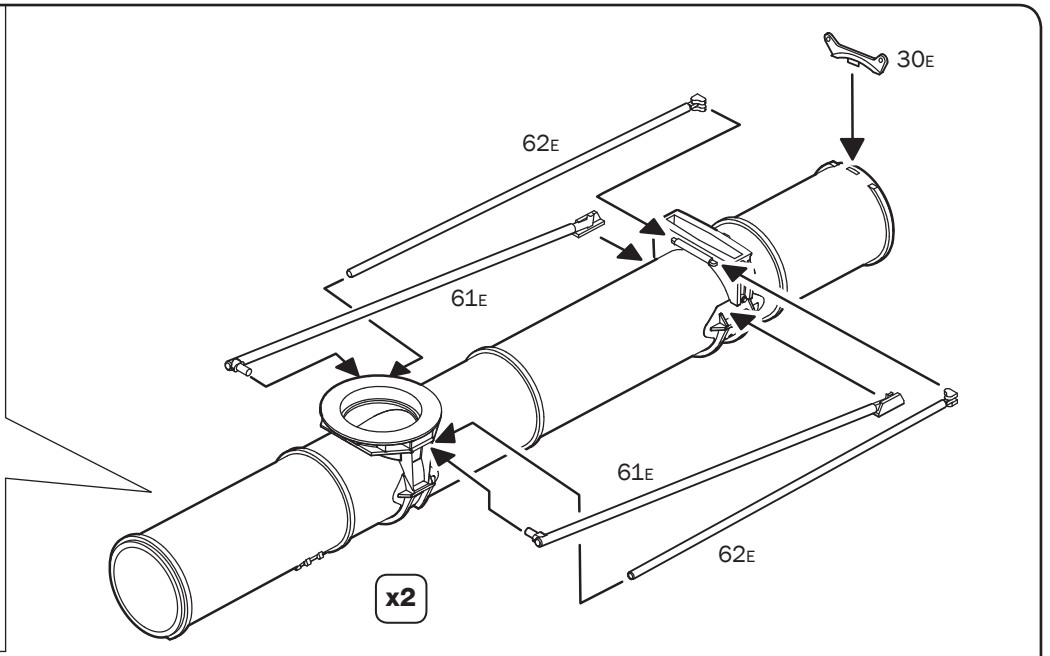
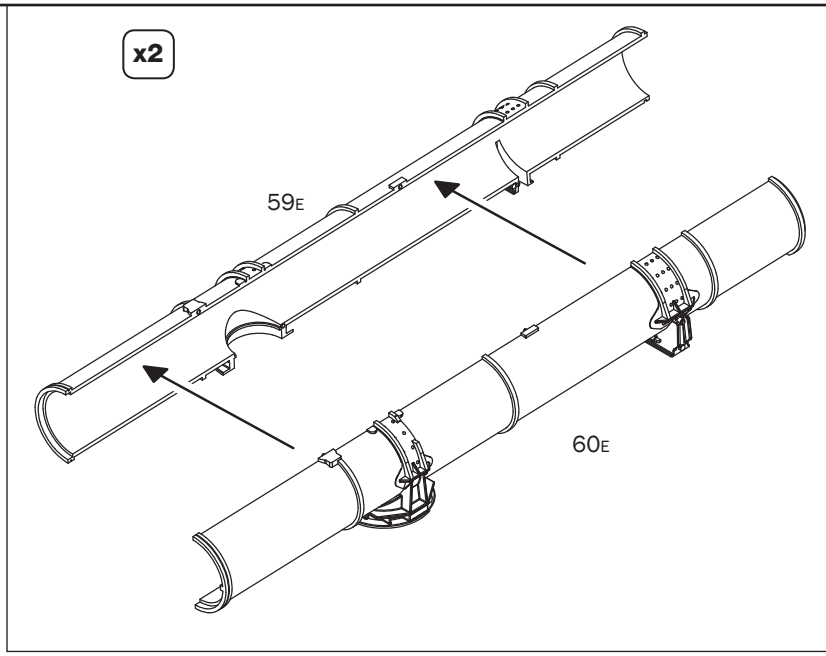
x3

44E

45E

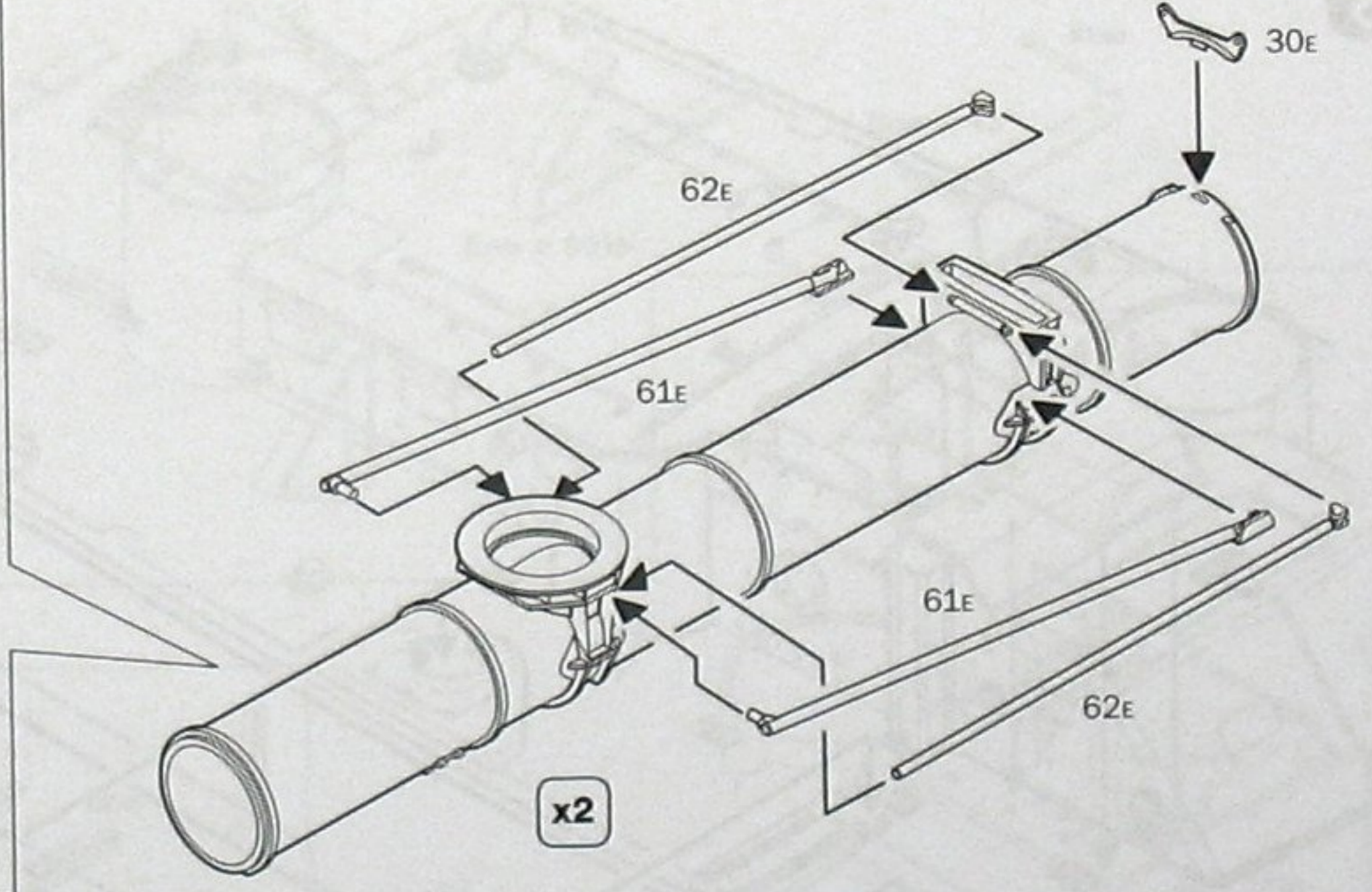
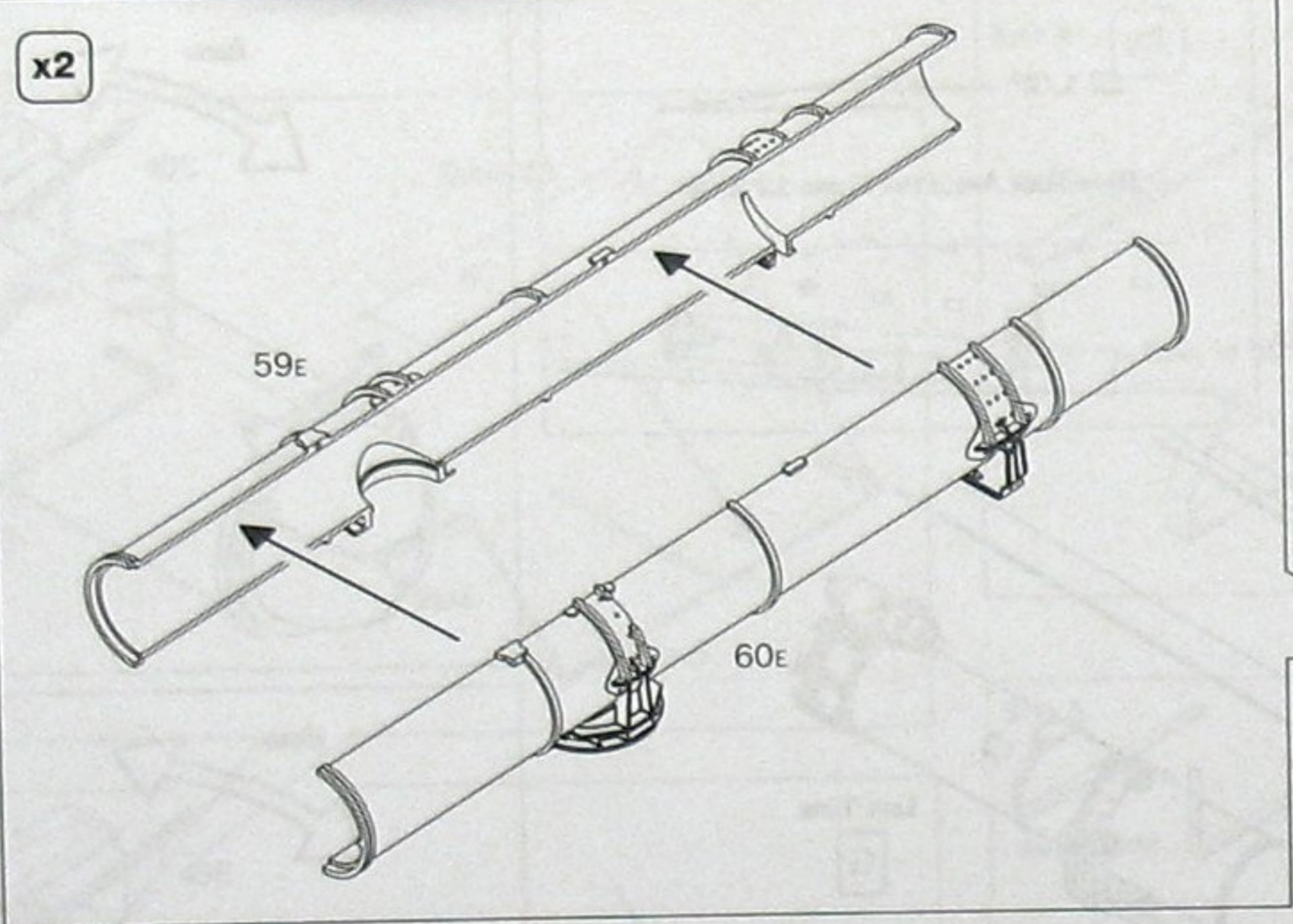


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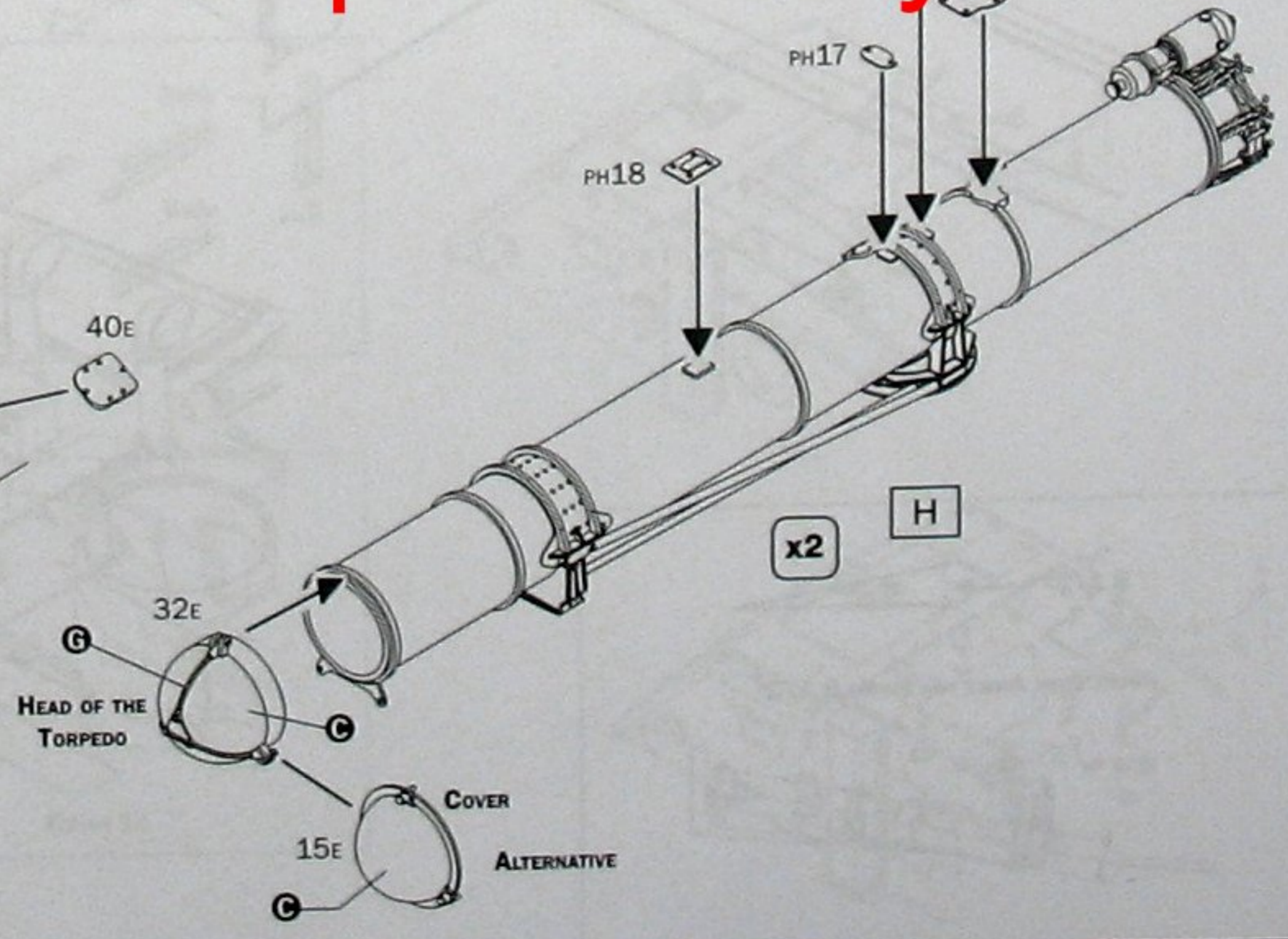
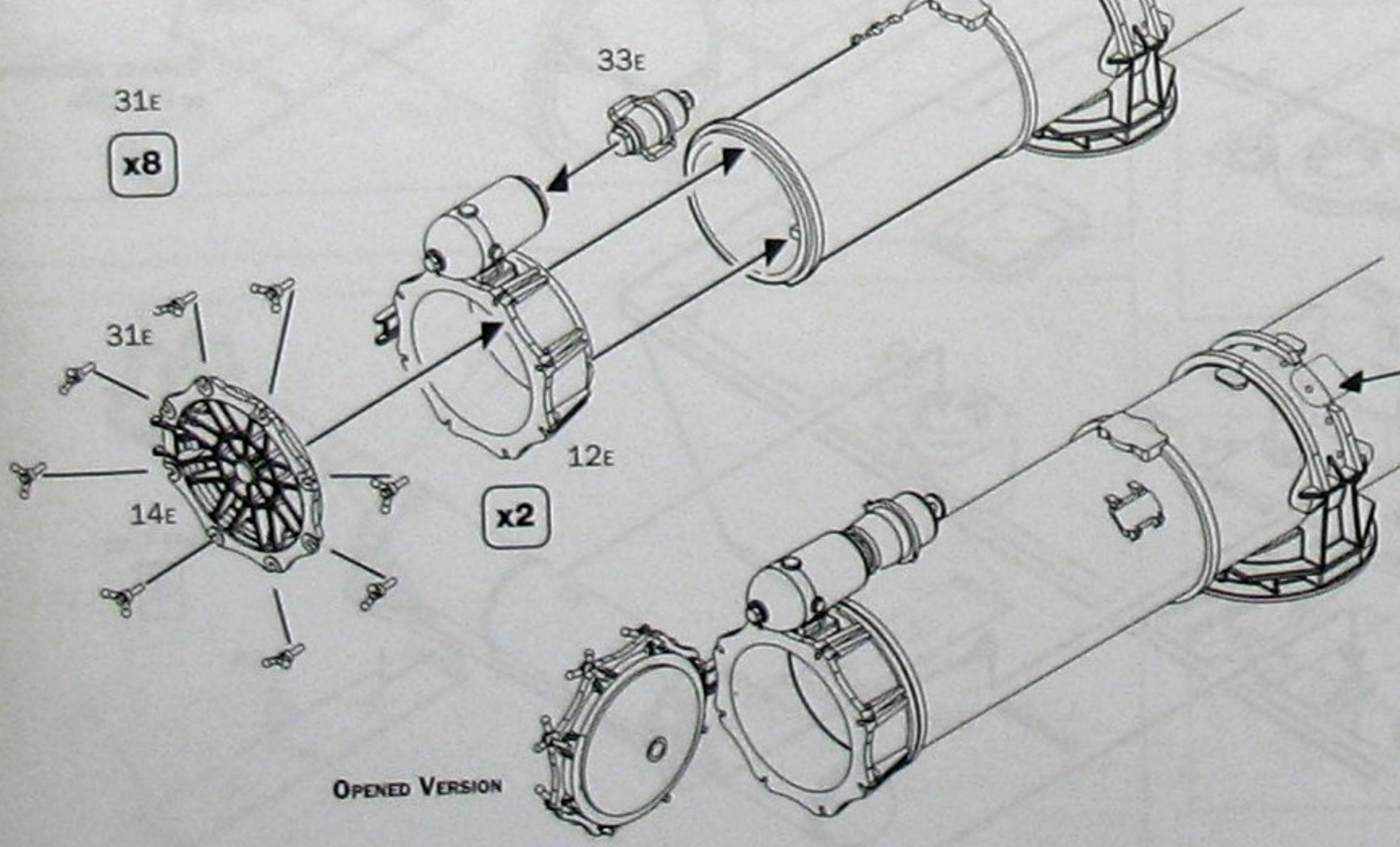


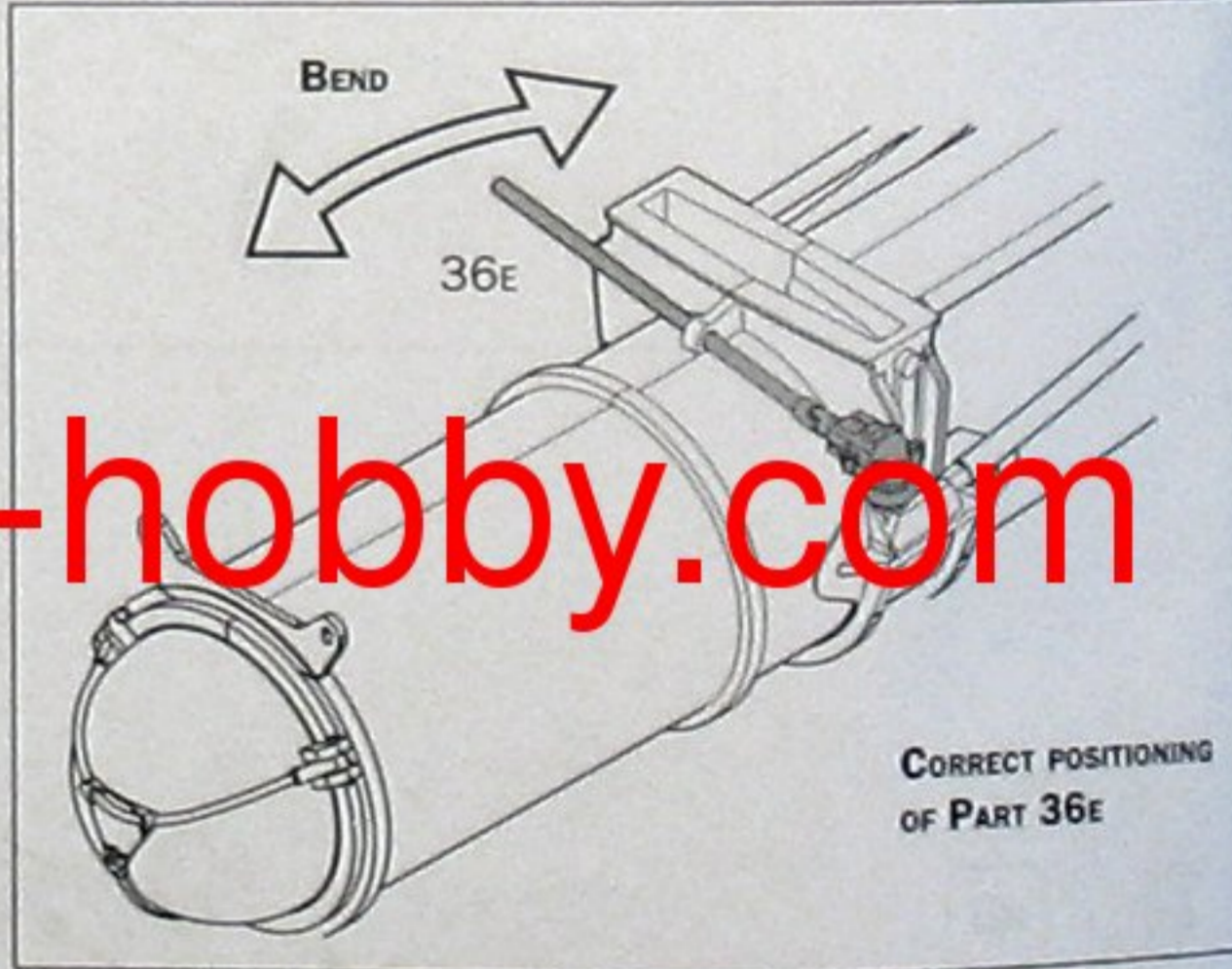
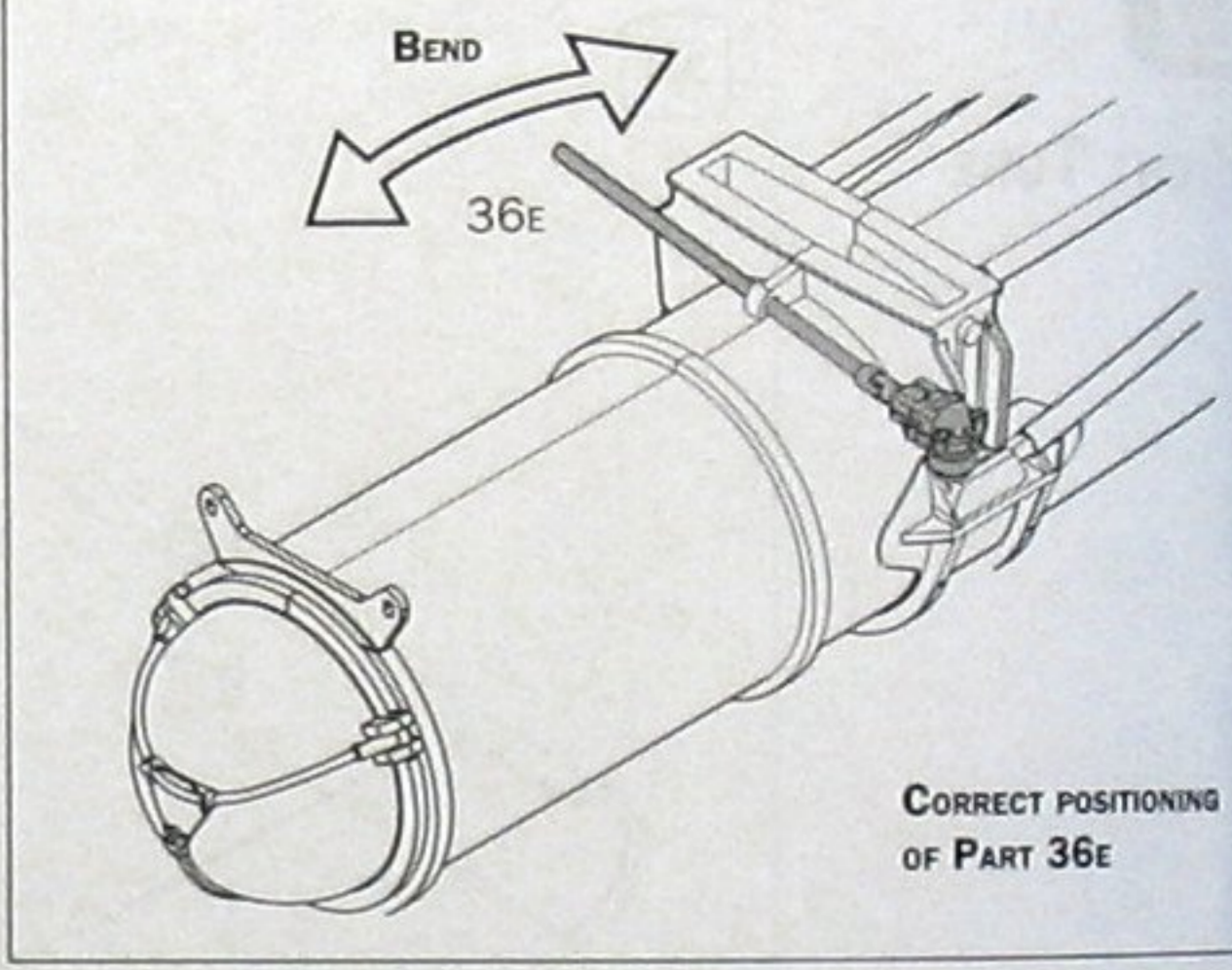
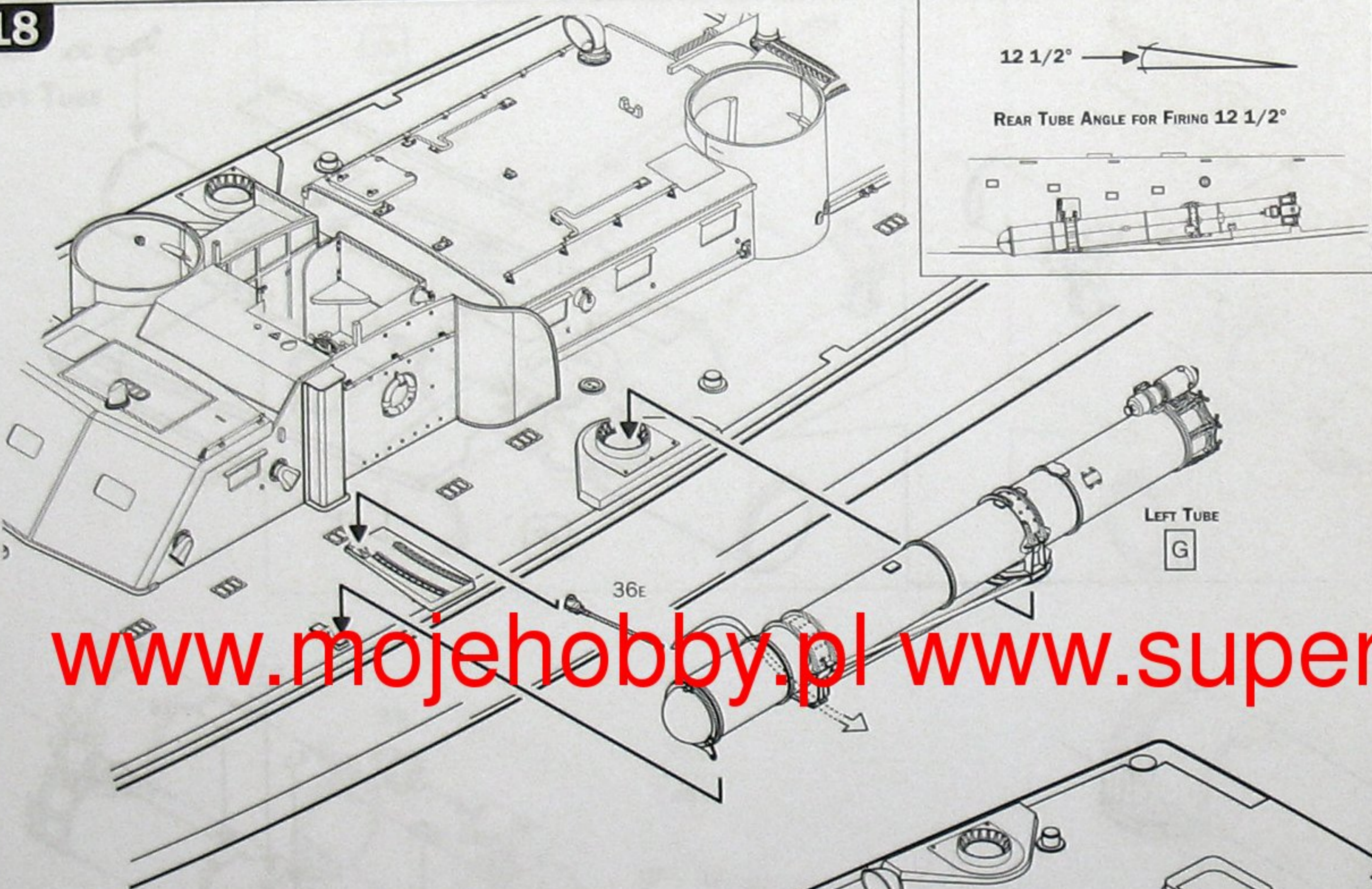
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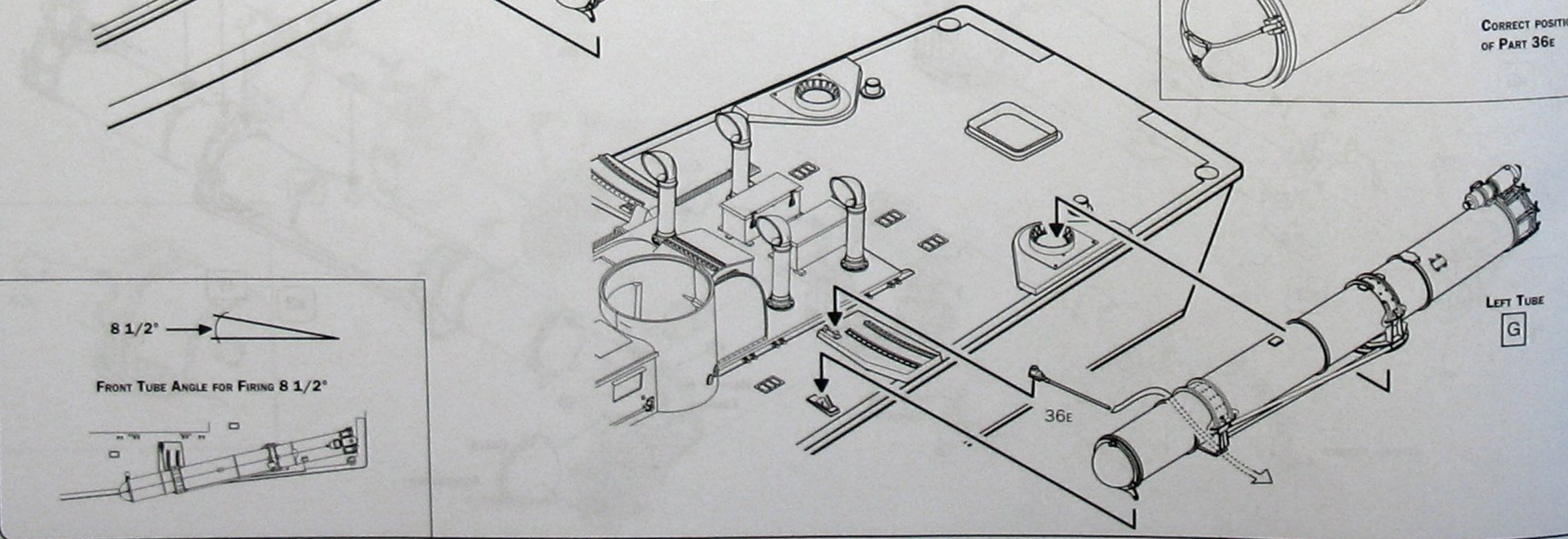


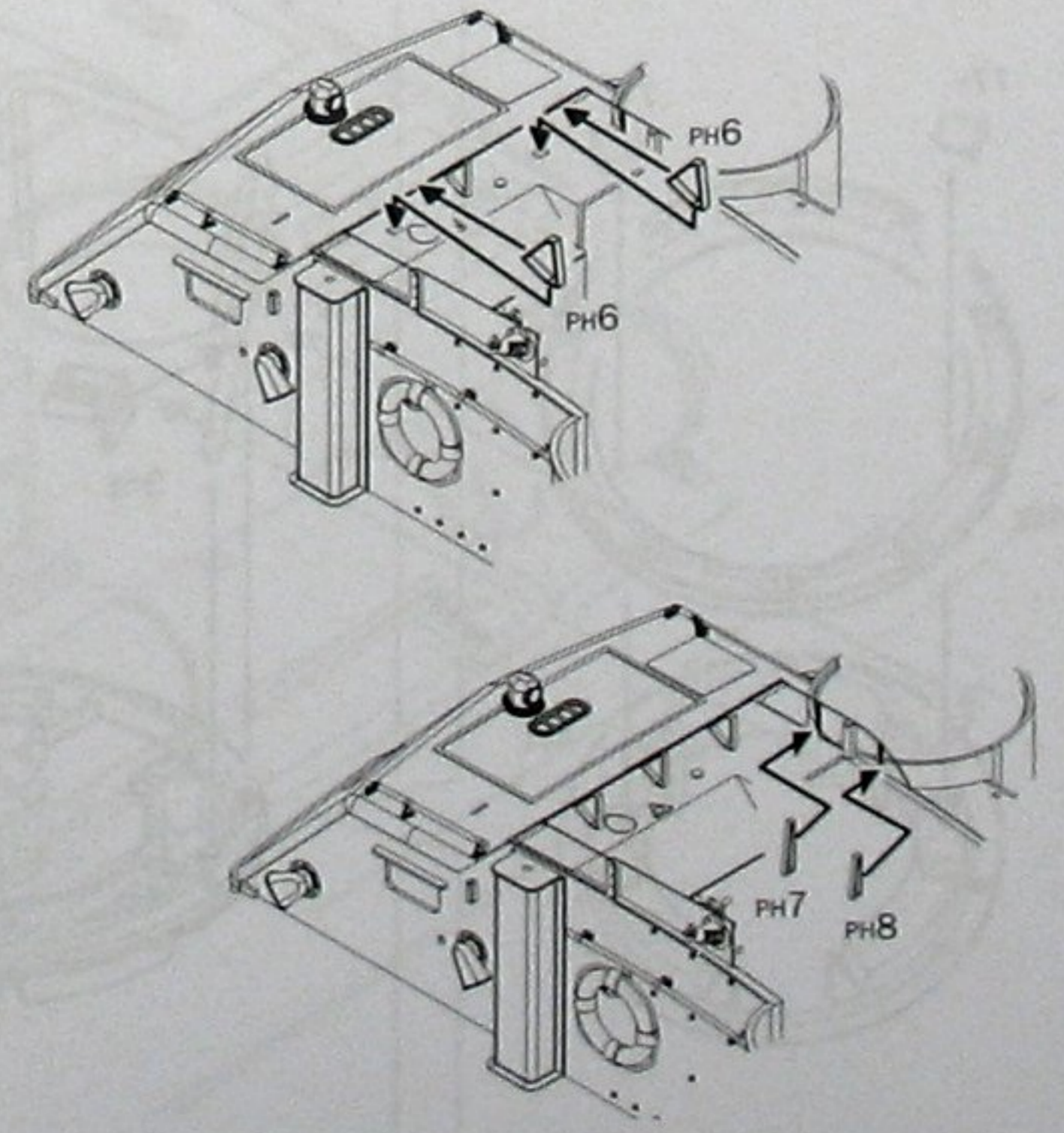
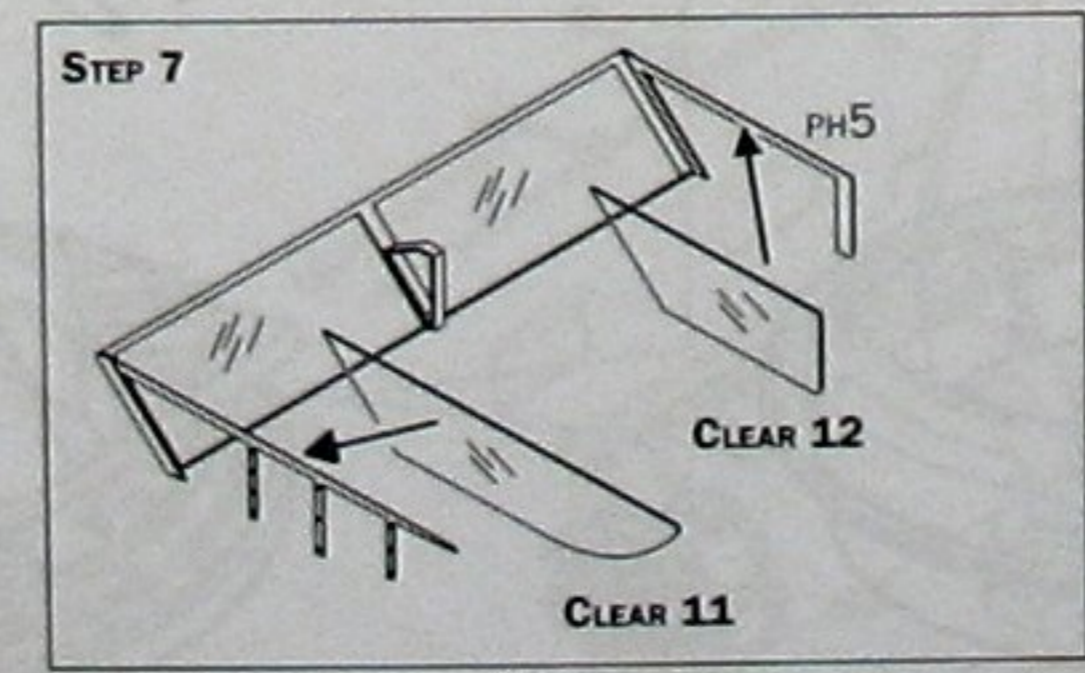
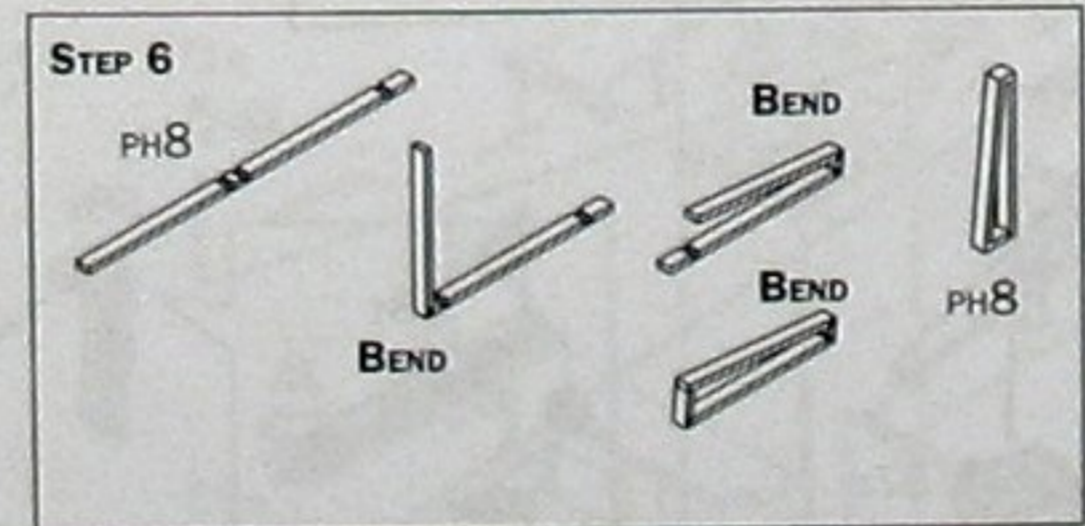
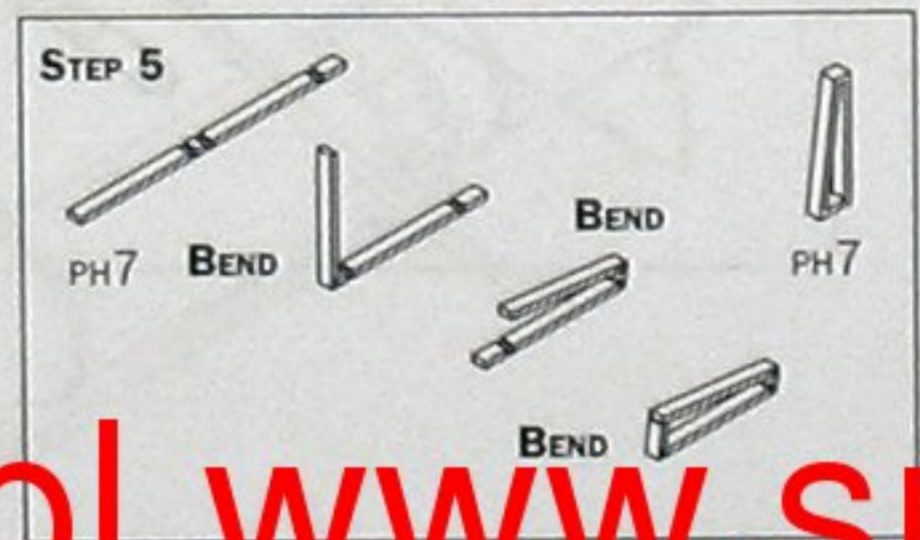
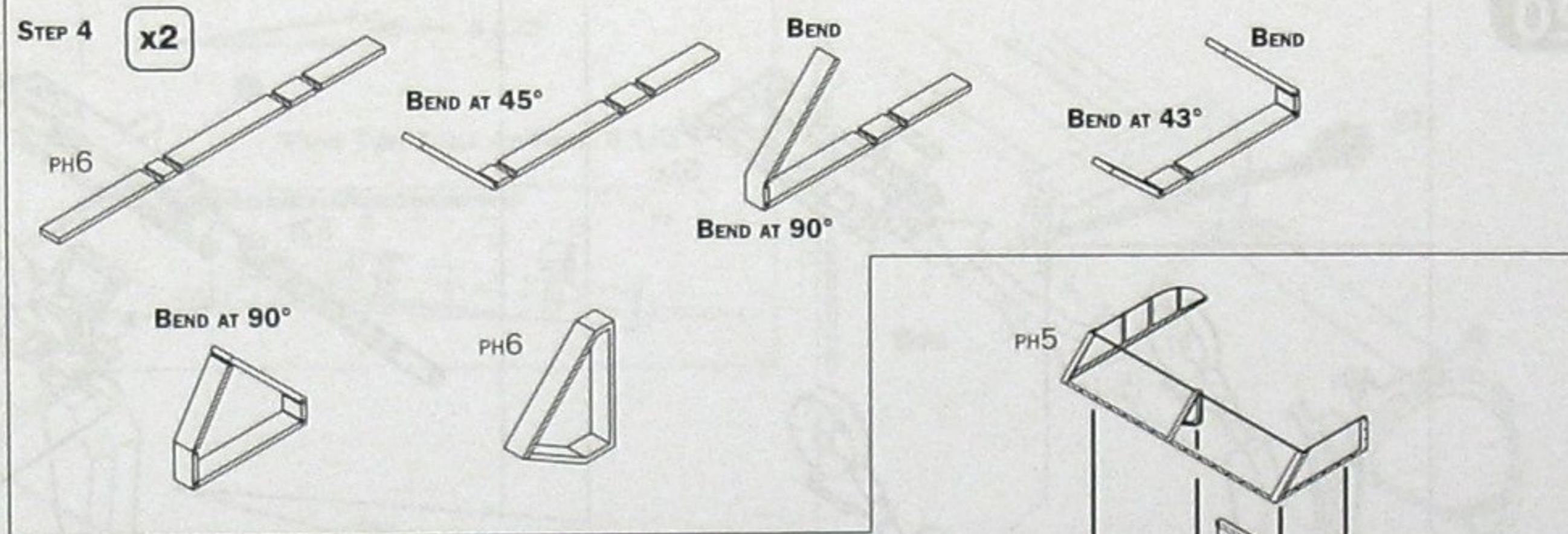
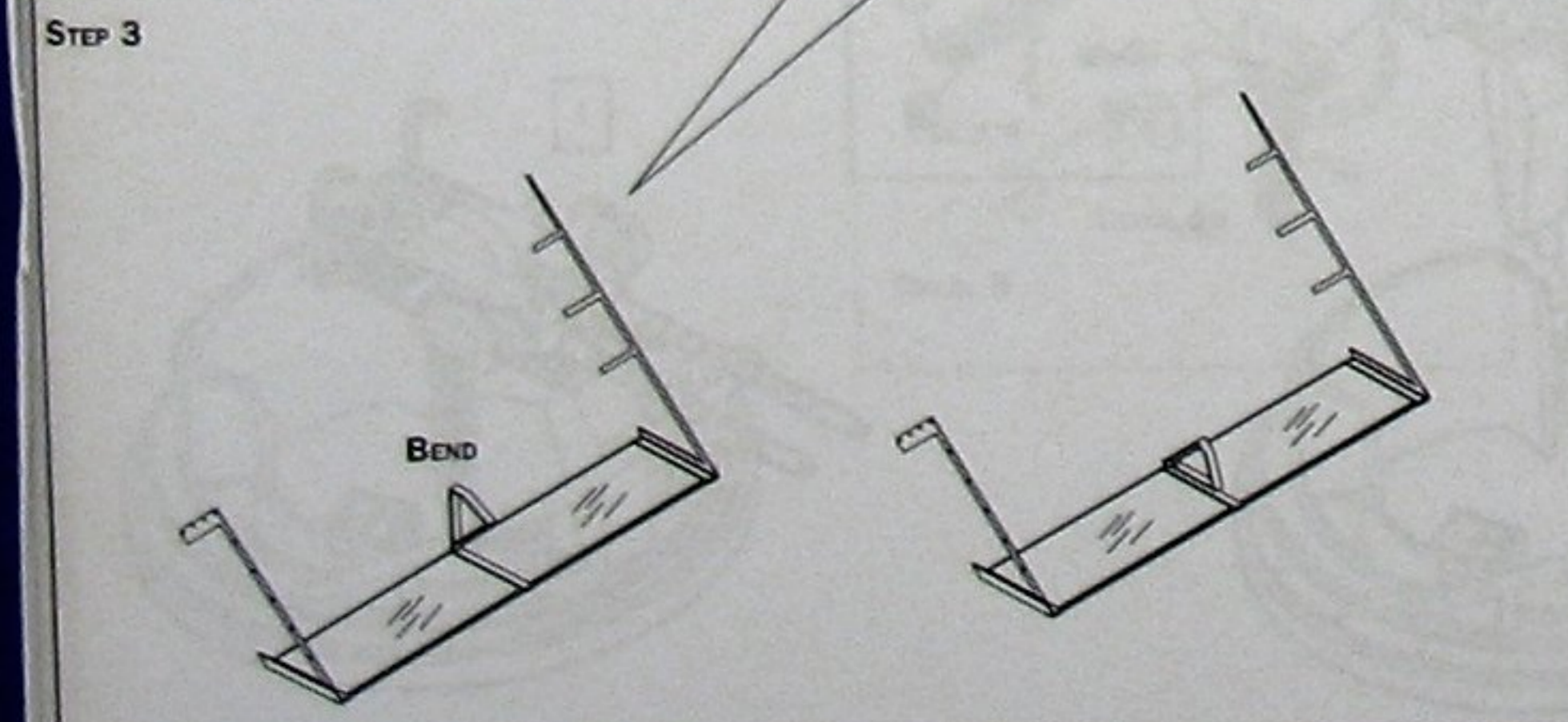
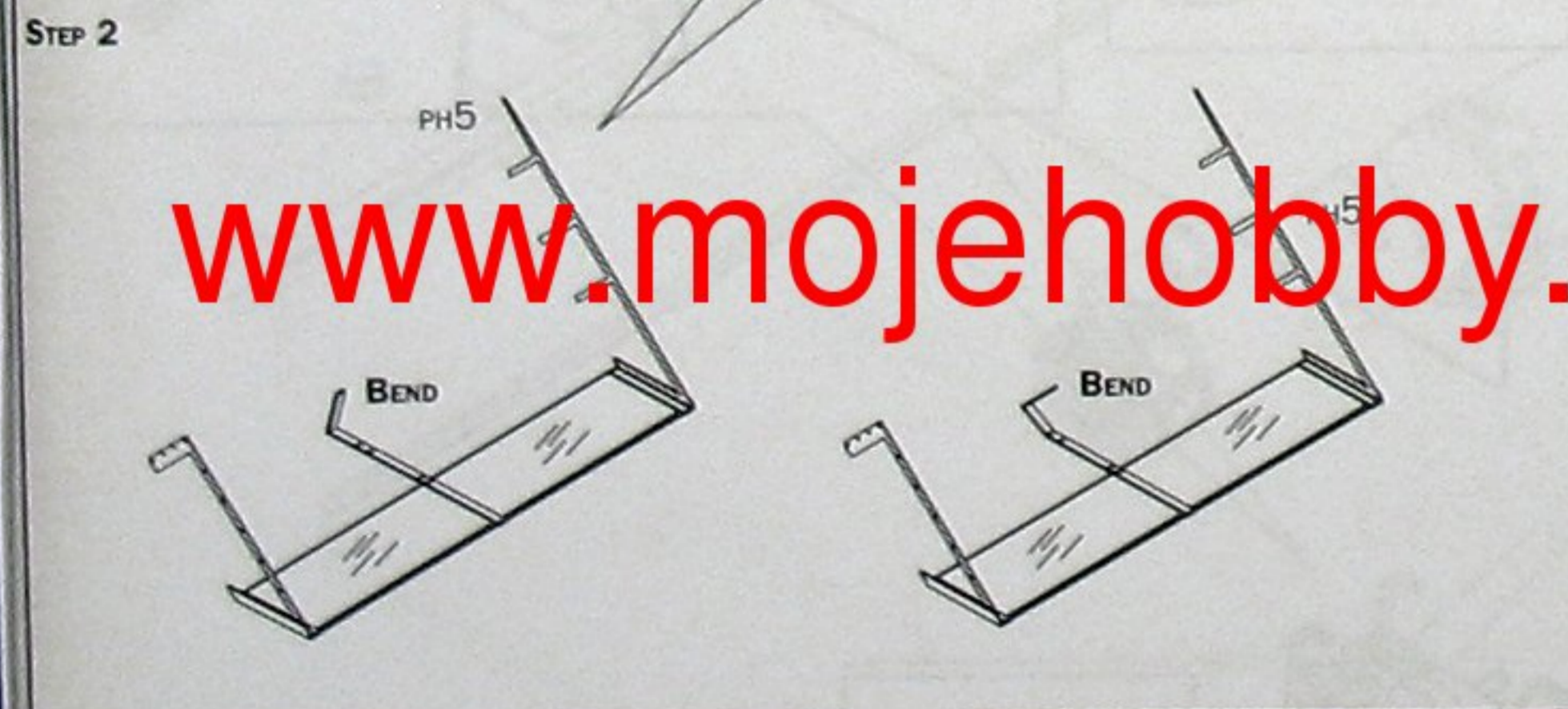
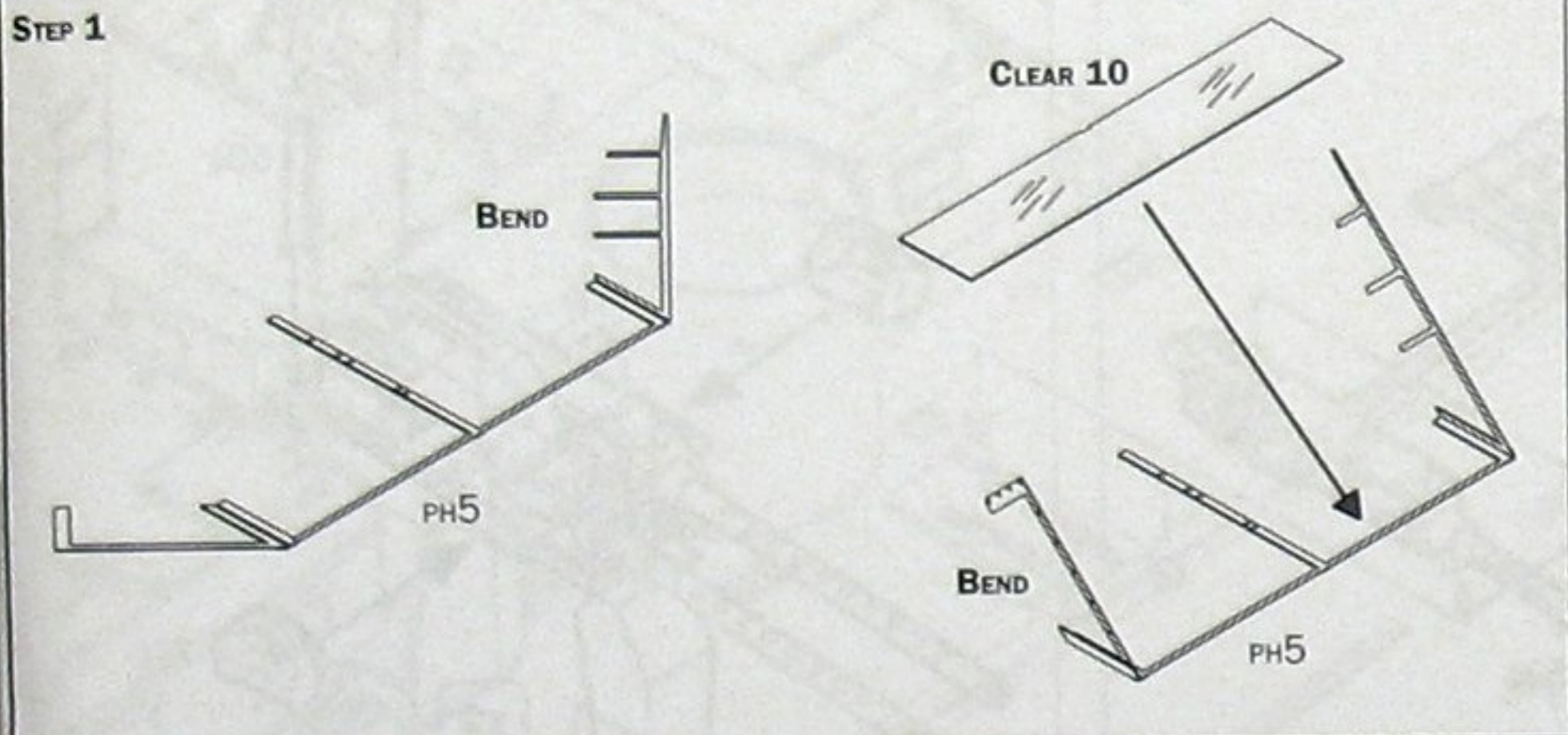
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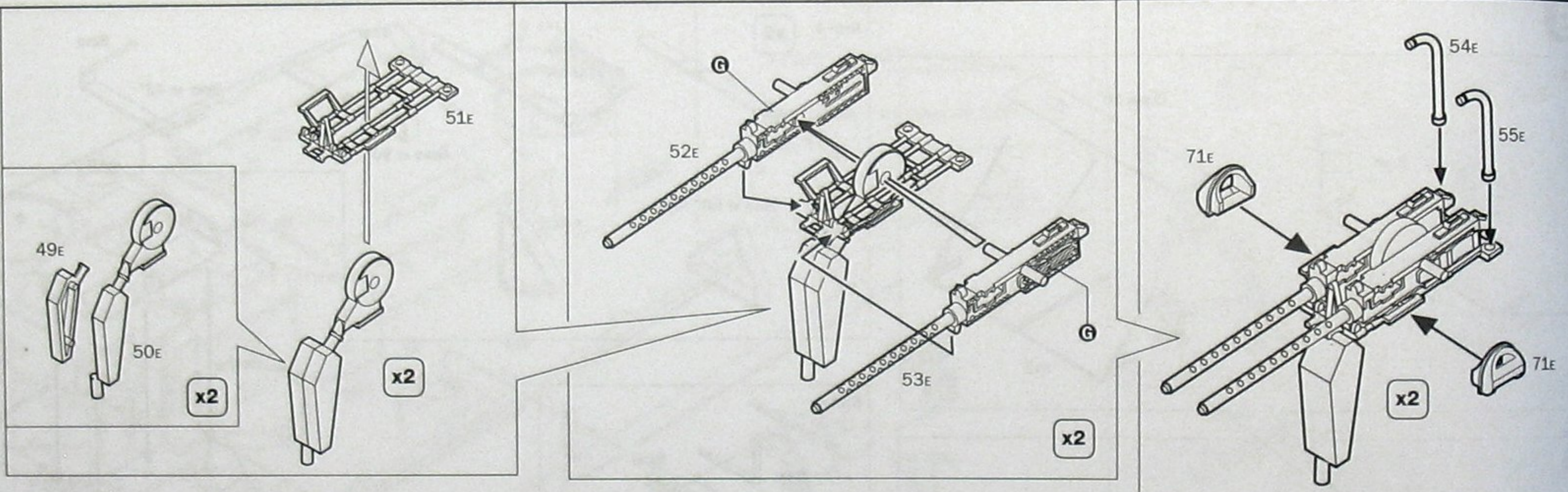


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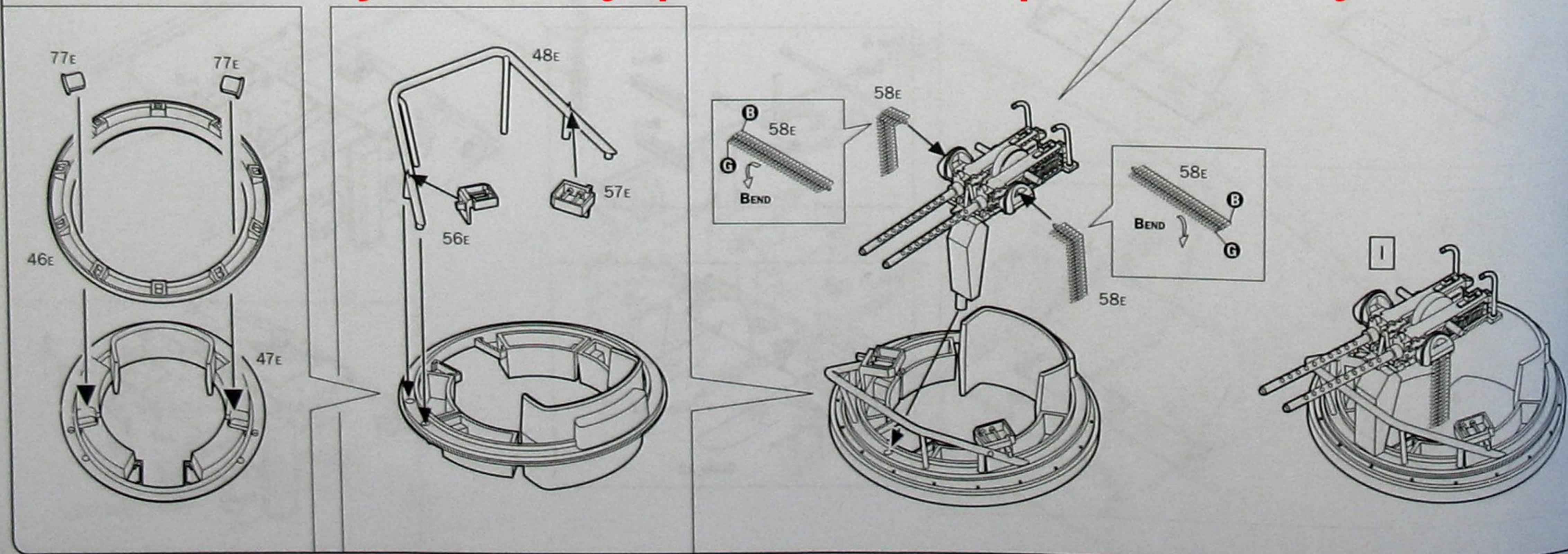


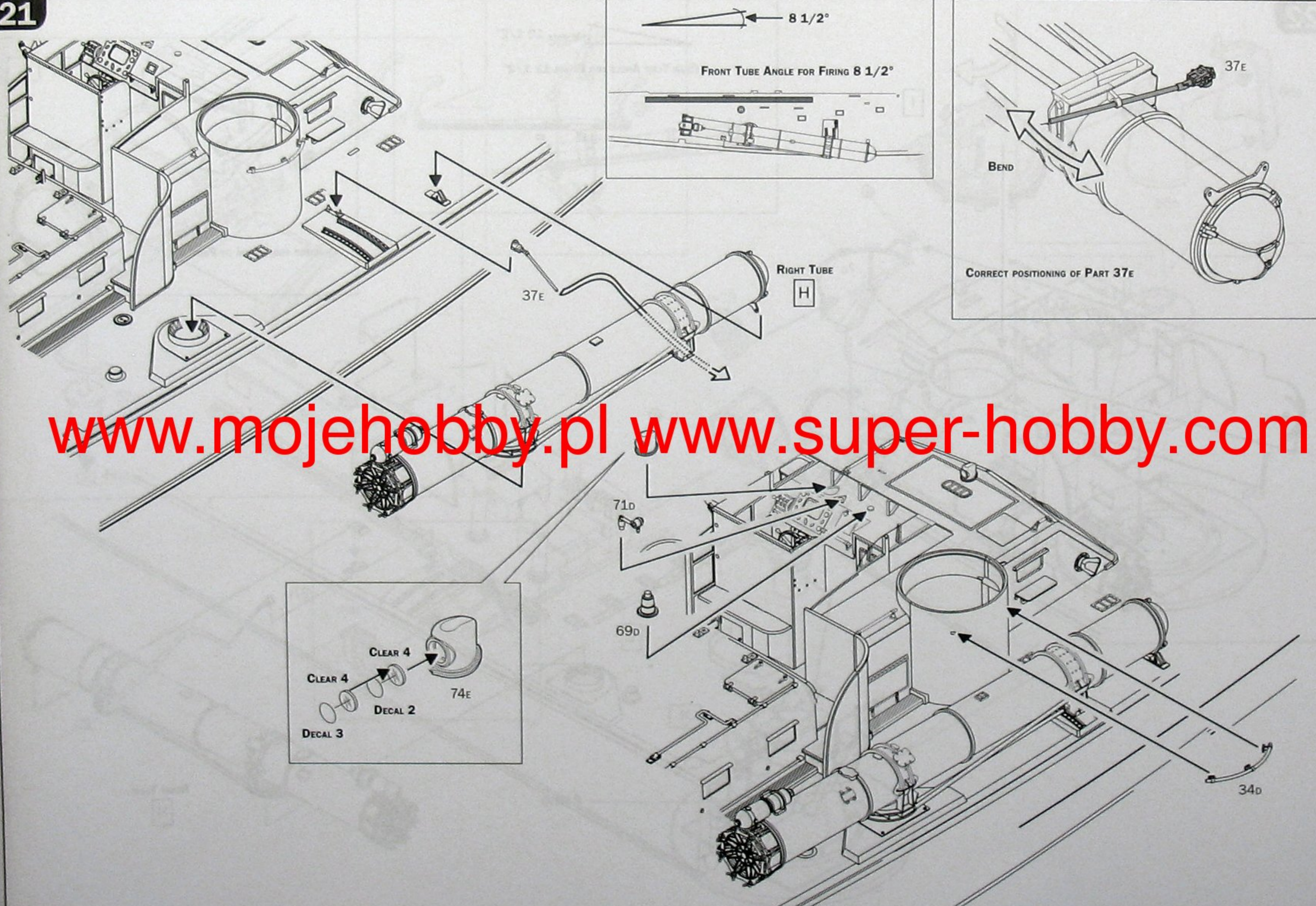


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8 1/2°

FRONT TUBE ANGLE FOR FIRING 8 1/2°

37E

BEND

CORRECT POSITIONING OF PART 37E

RIGHT TUBE

H

37E

71b

69d

34d

CLEAR 4

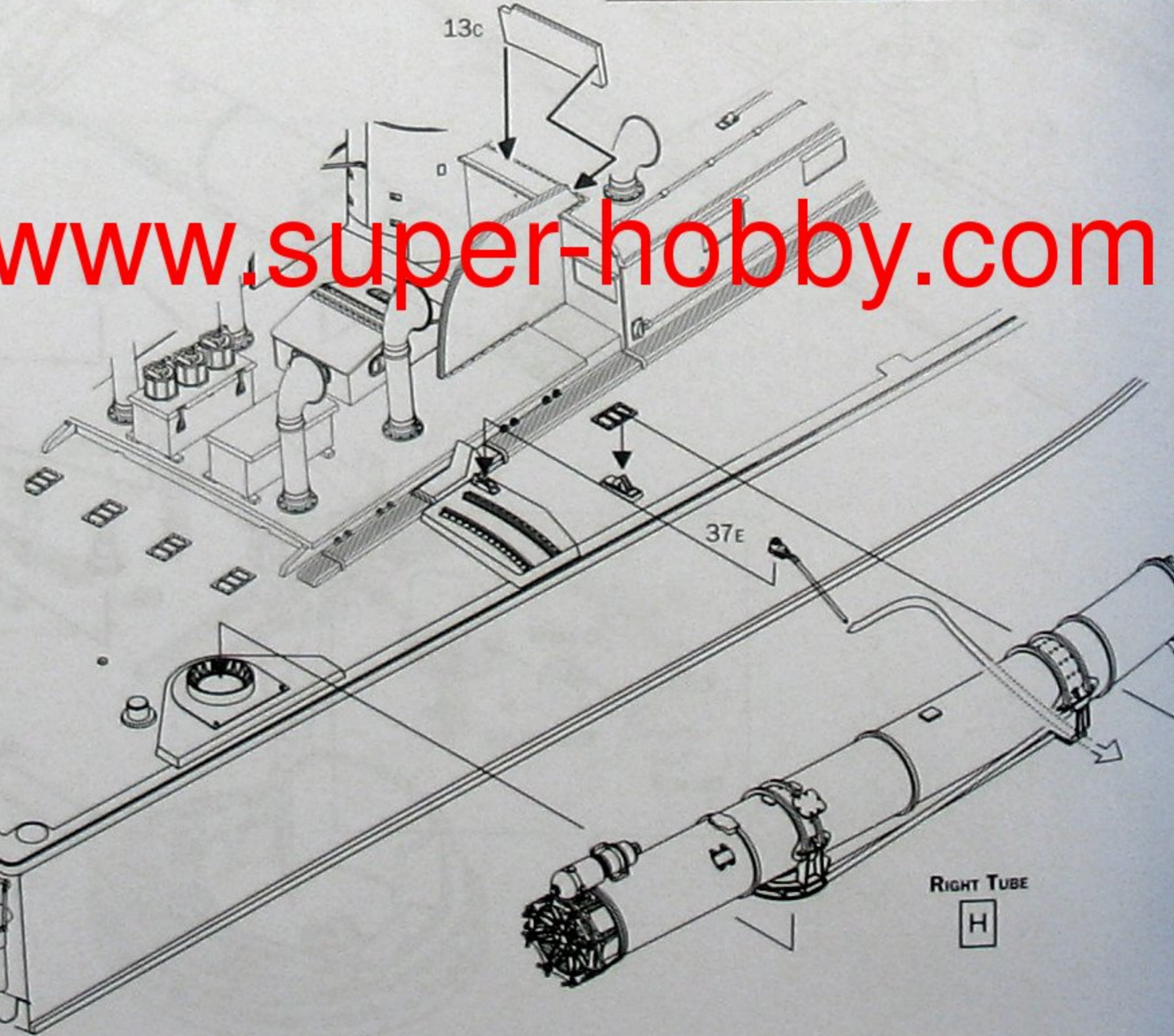
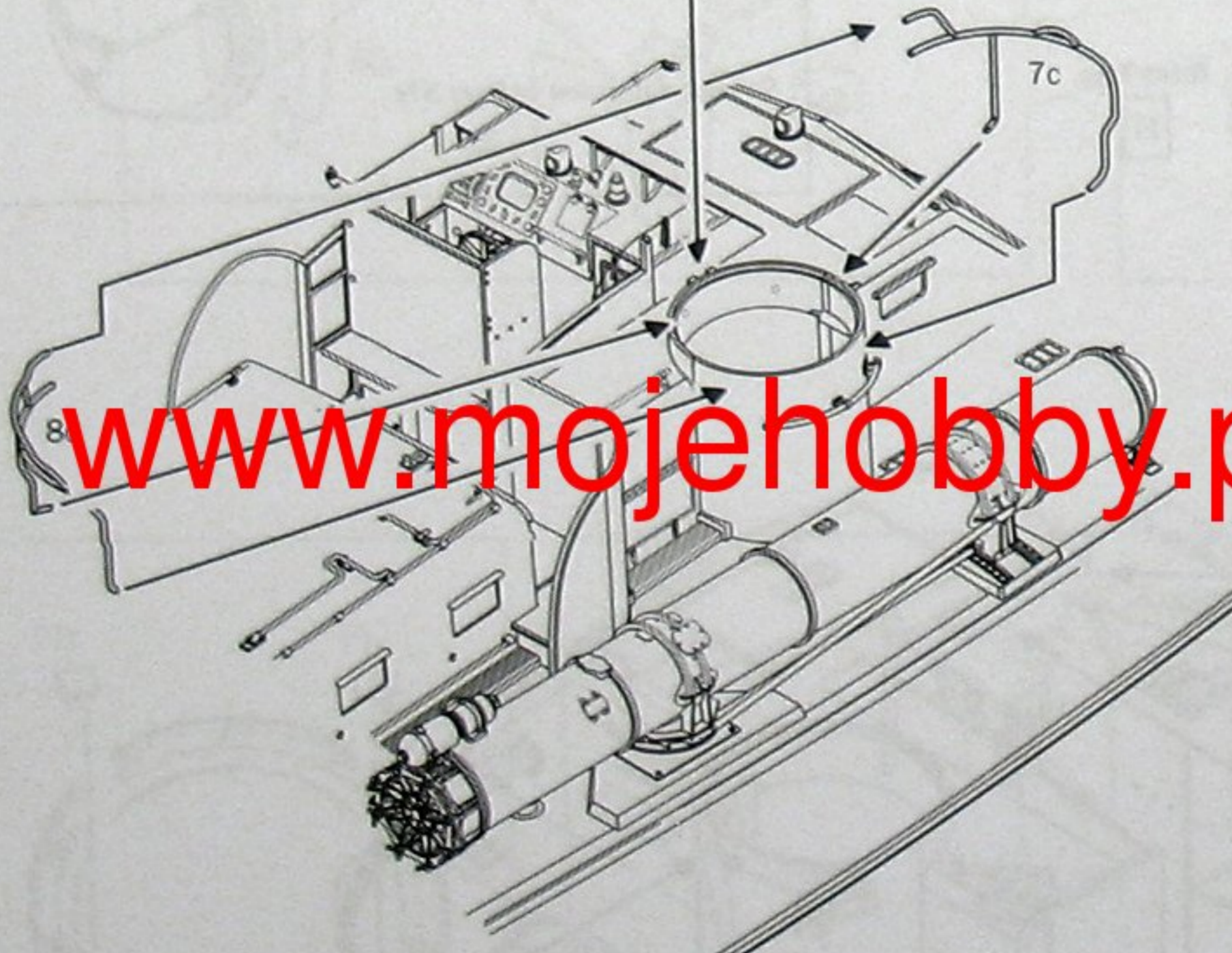
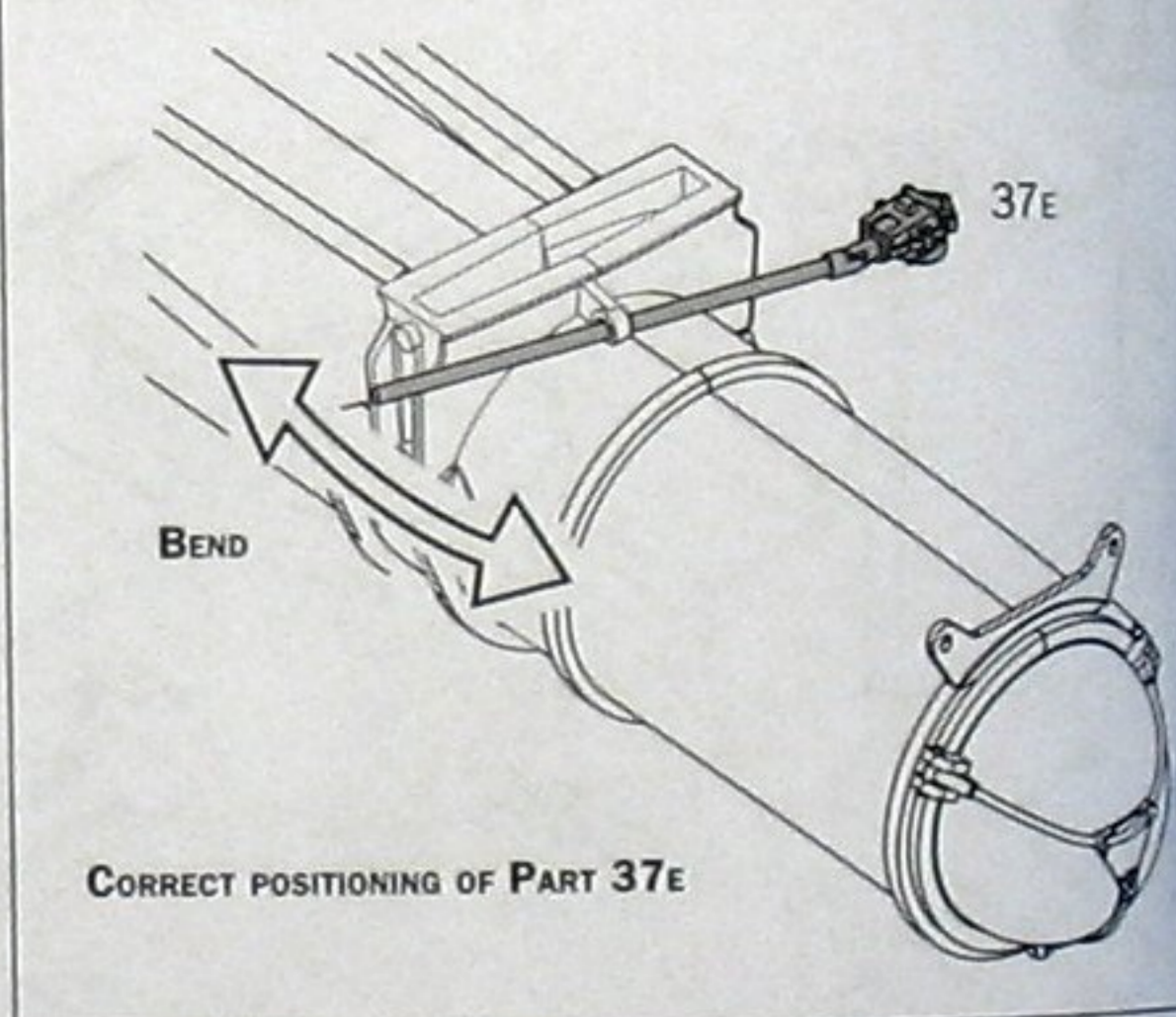
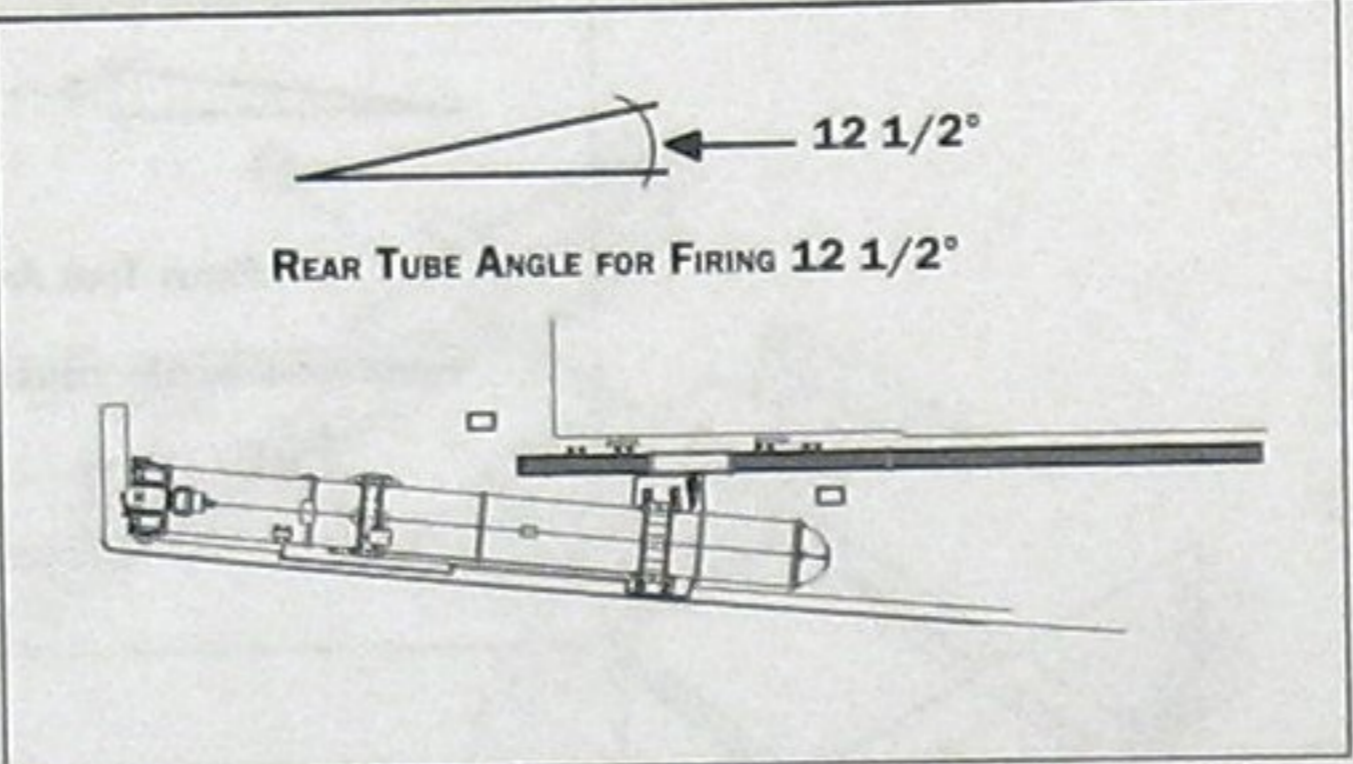
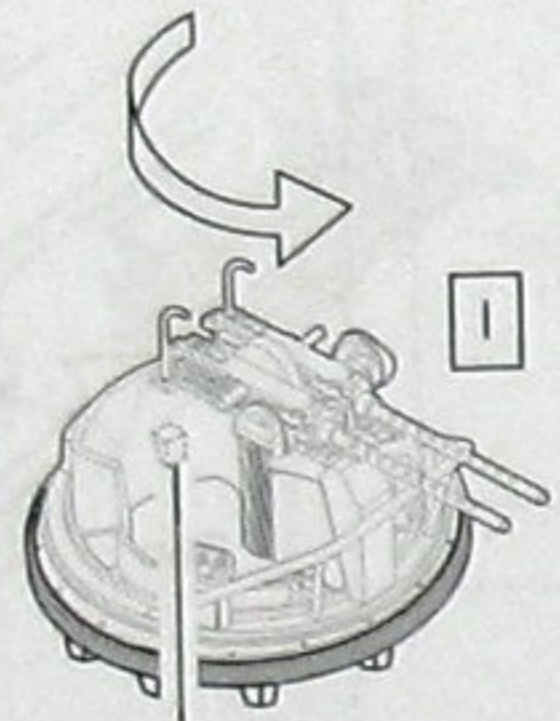
CLEAR 4

DECAL 2

DECAL 3

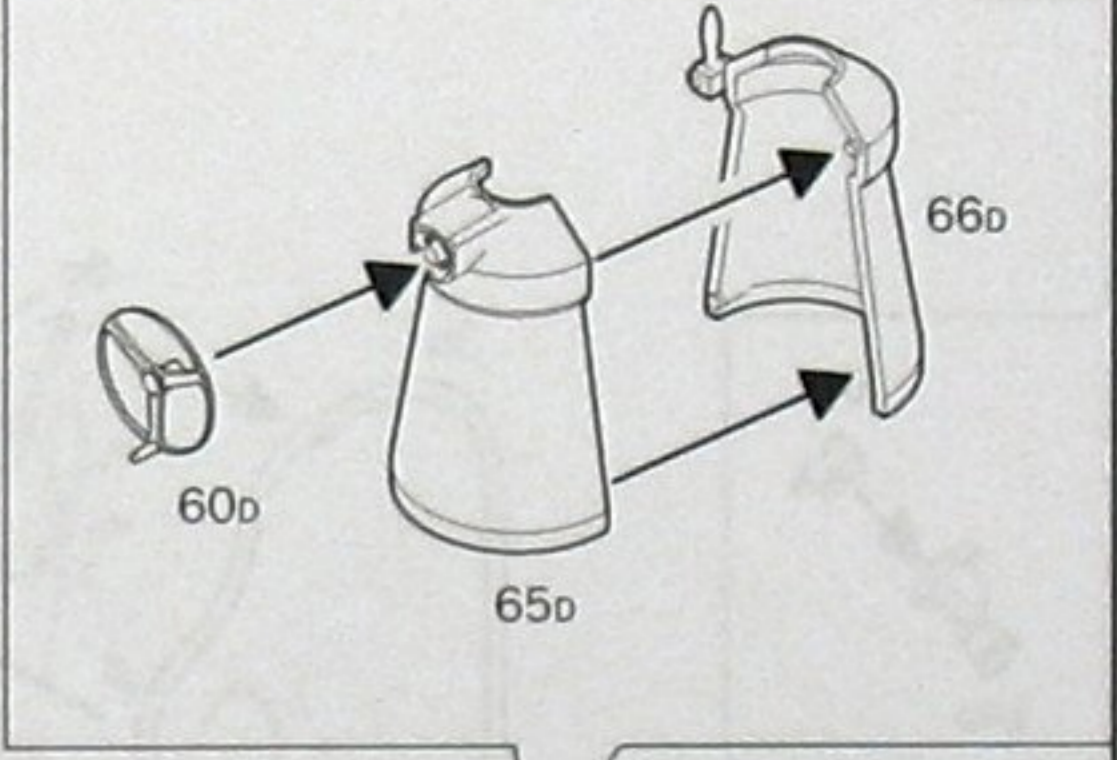
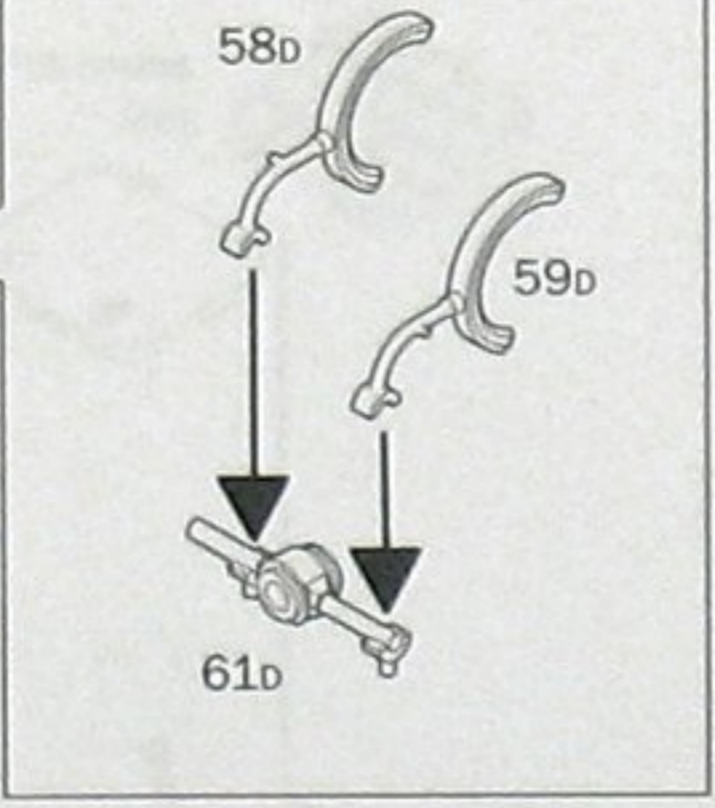
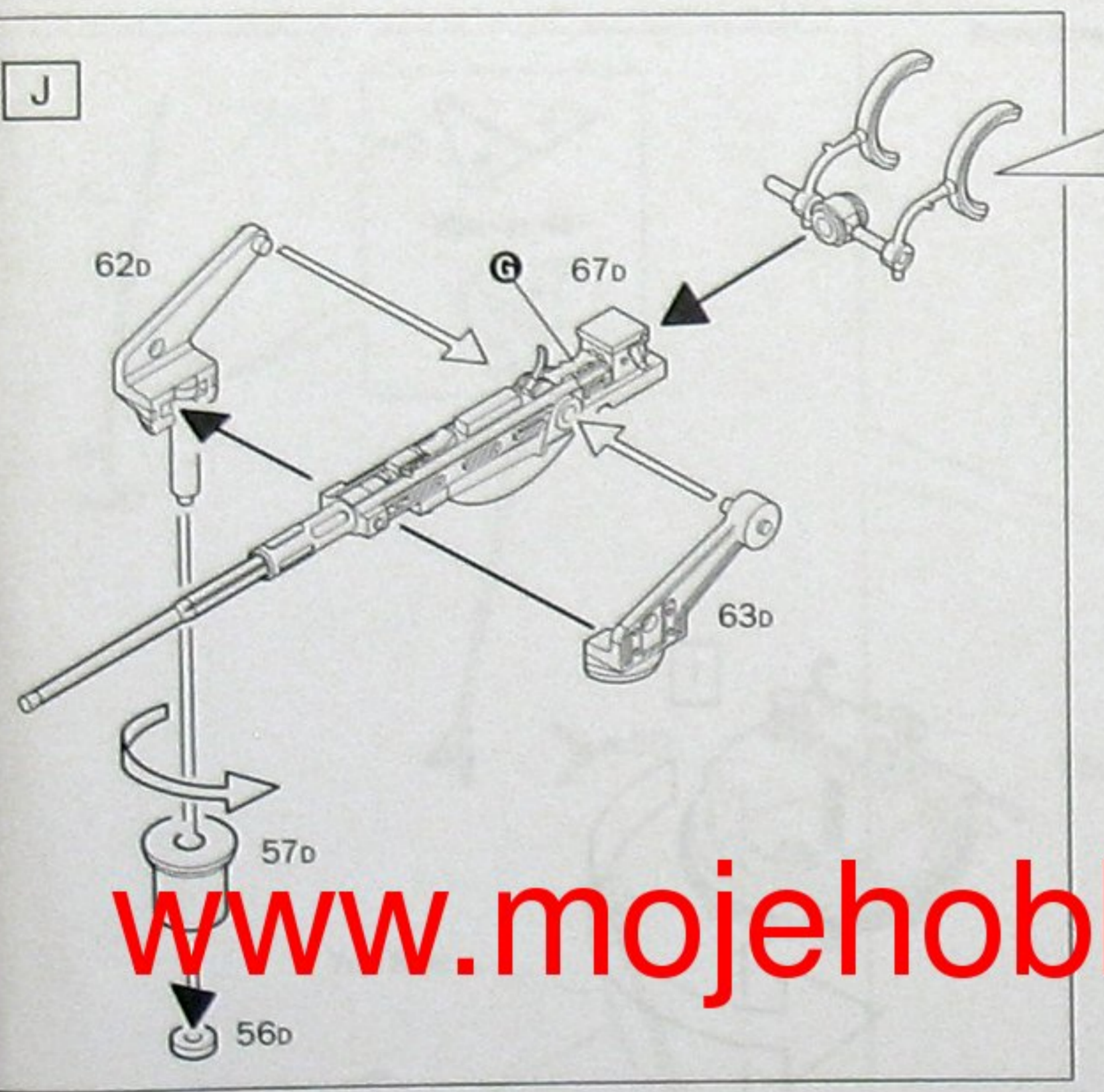
74E

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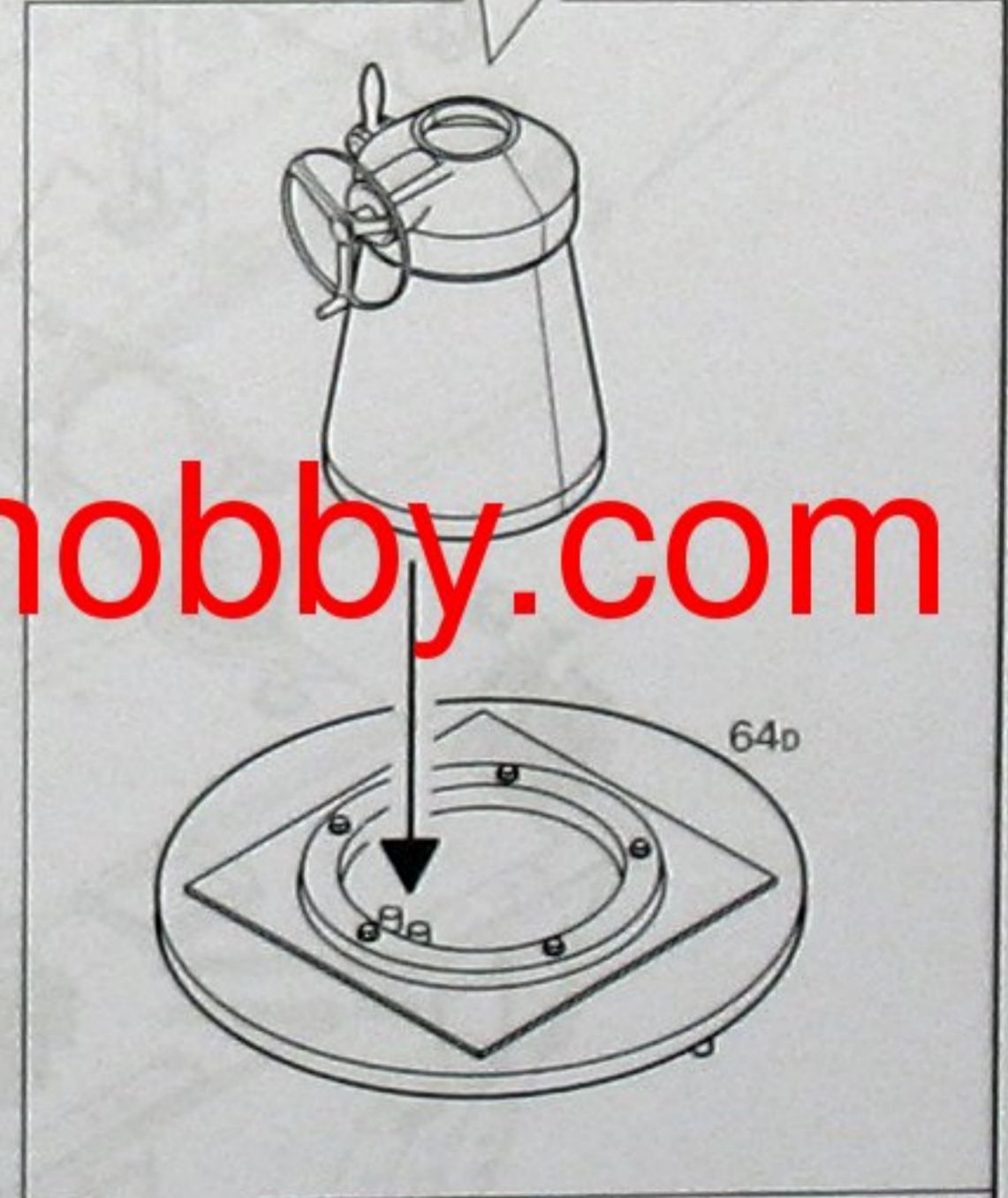
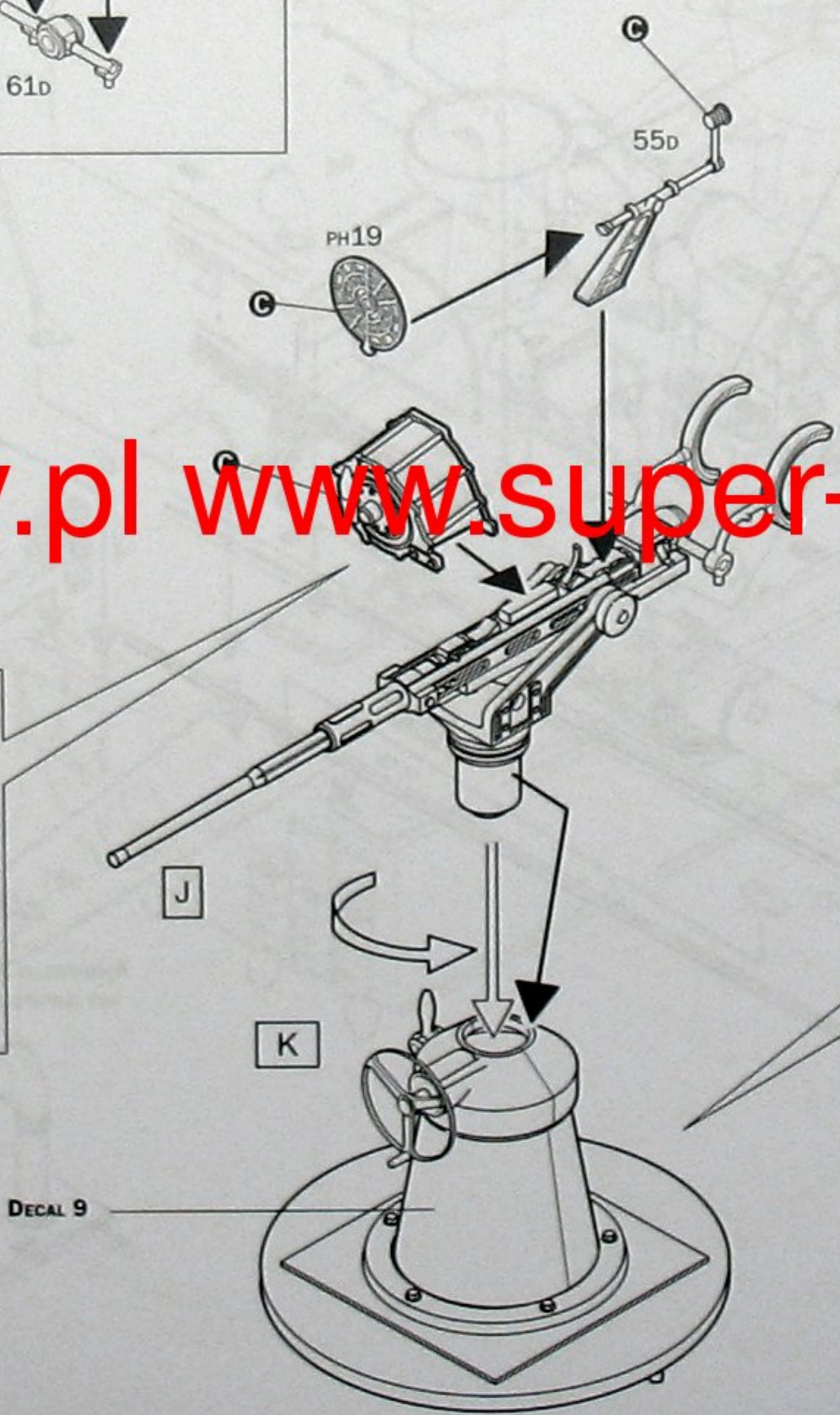
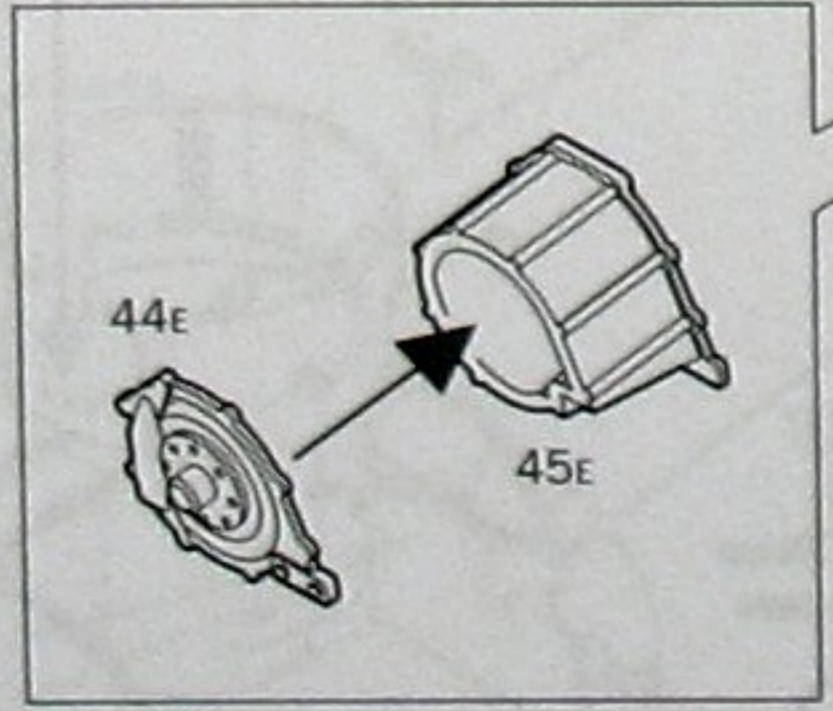


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J



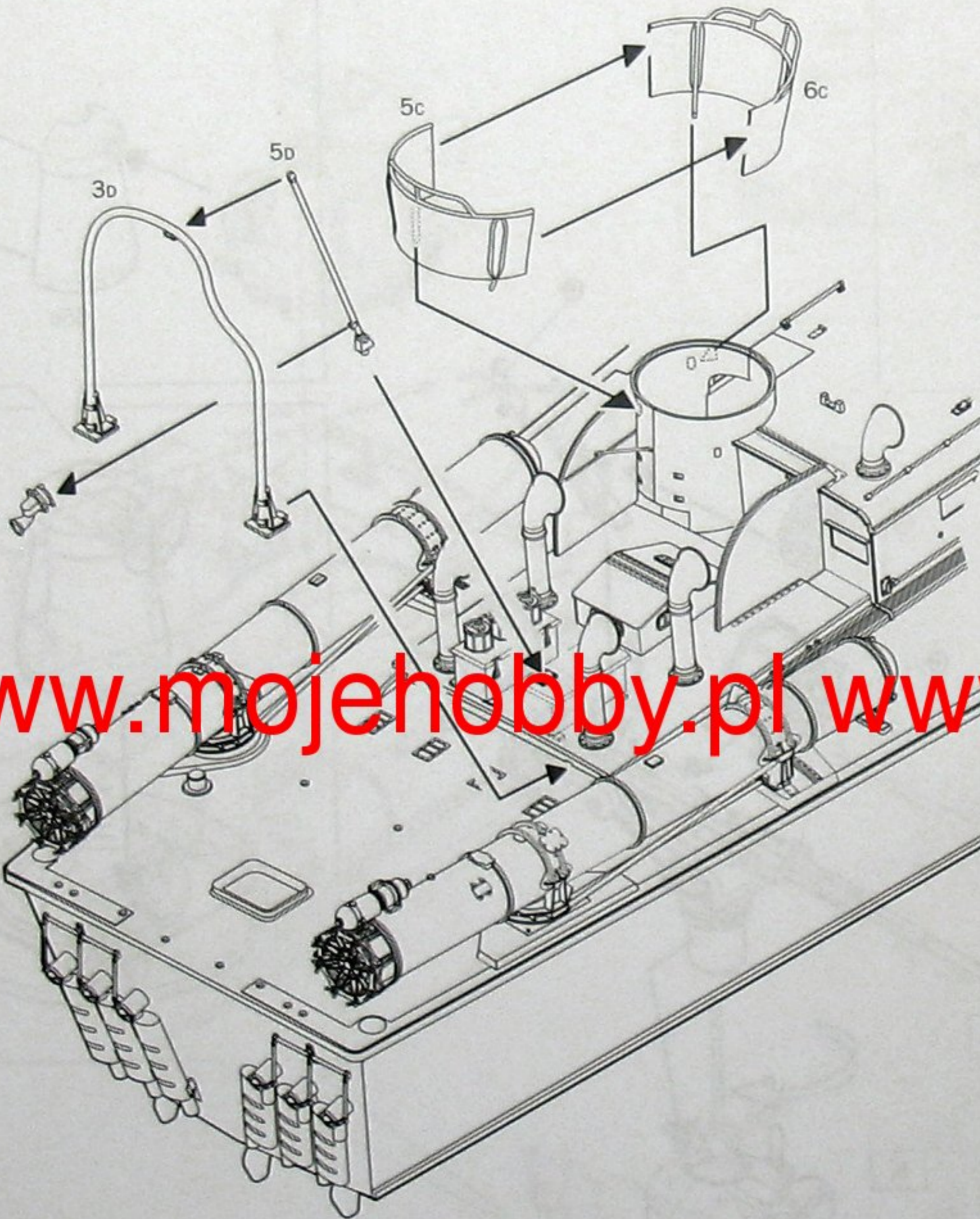
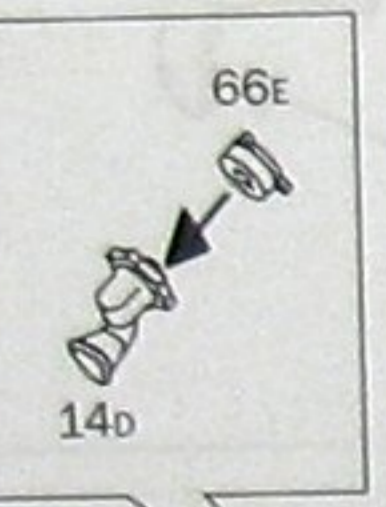
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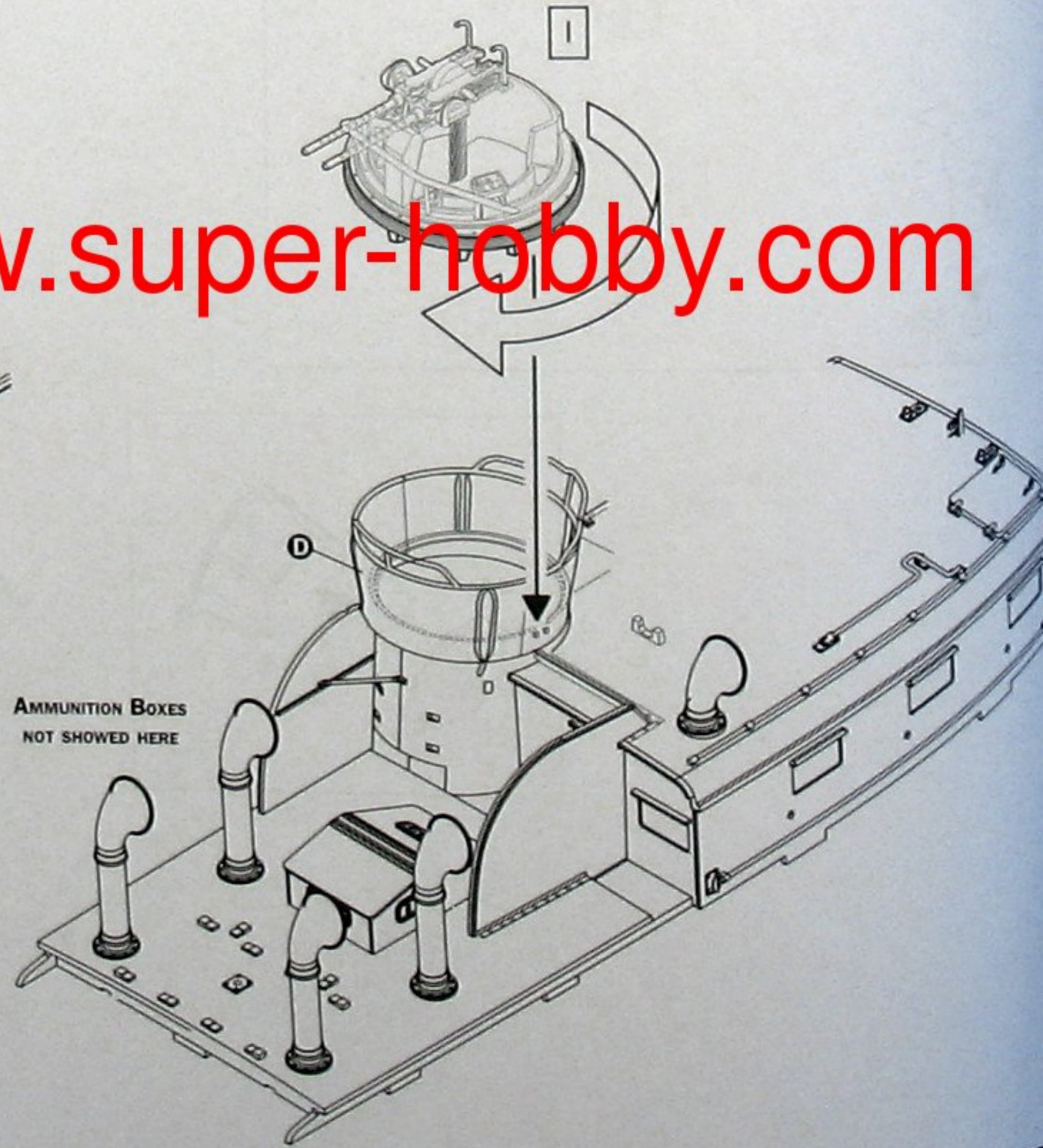
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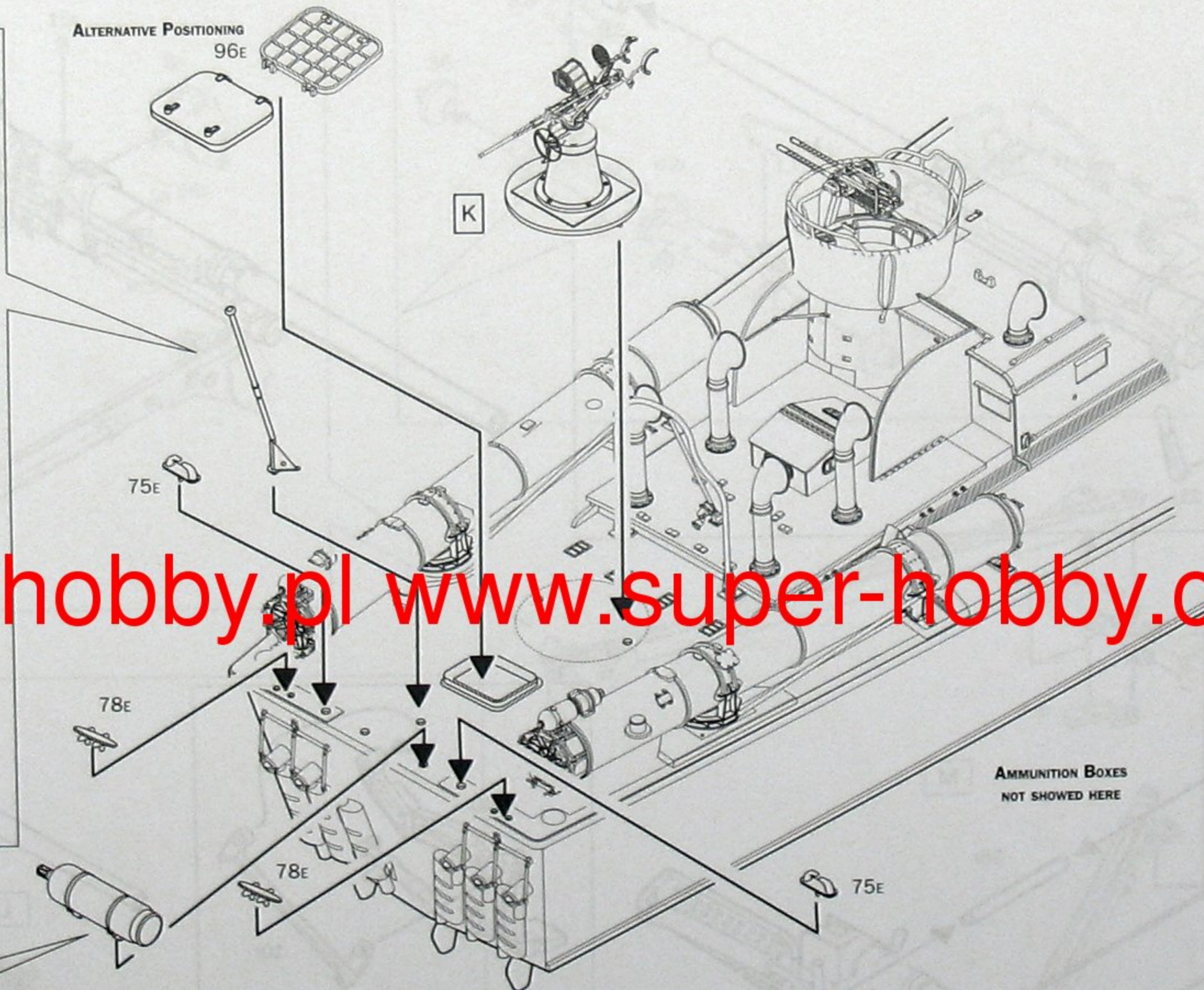
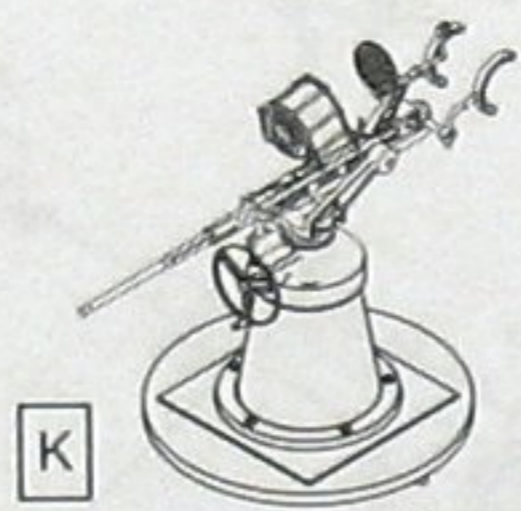
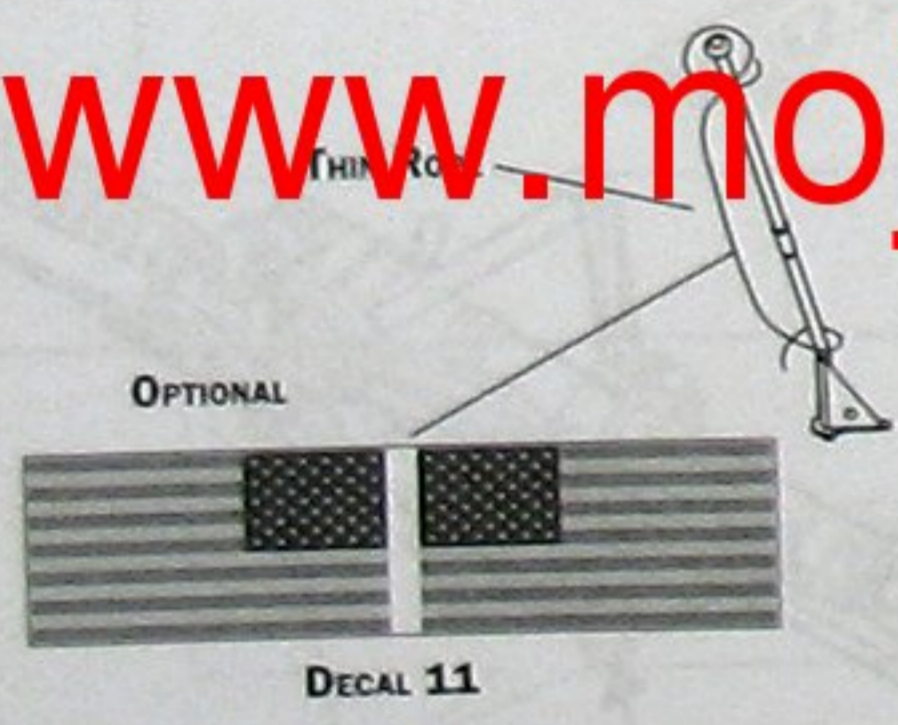
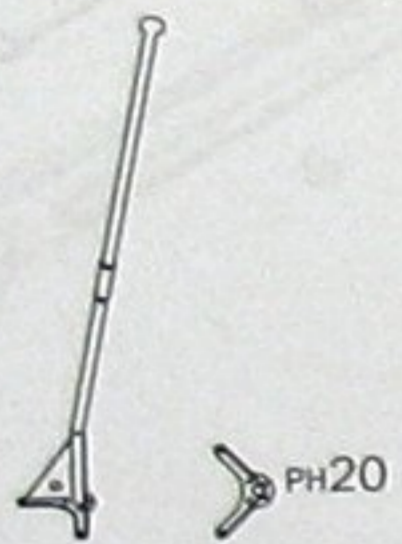
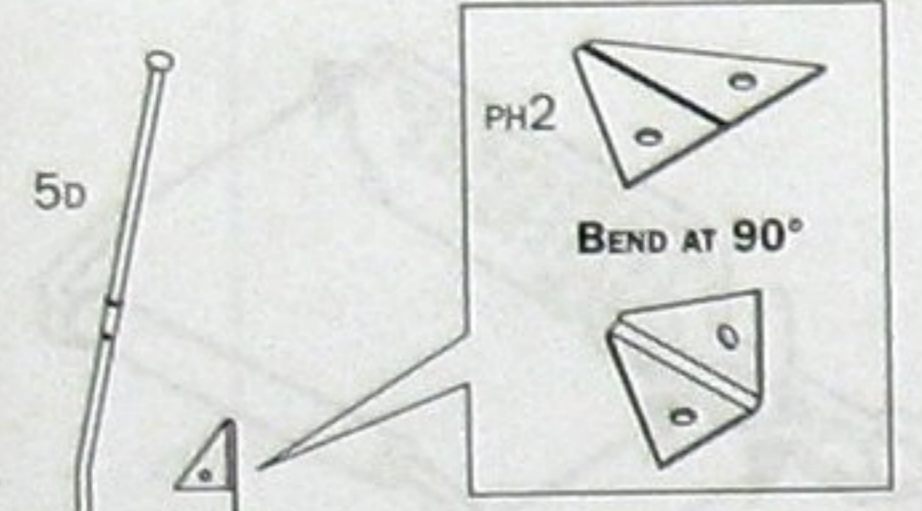
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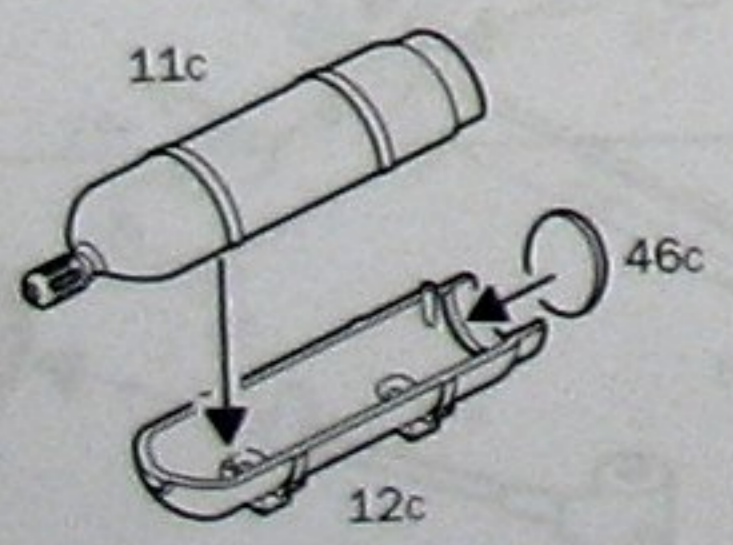


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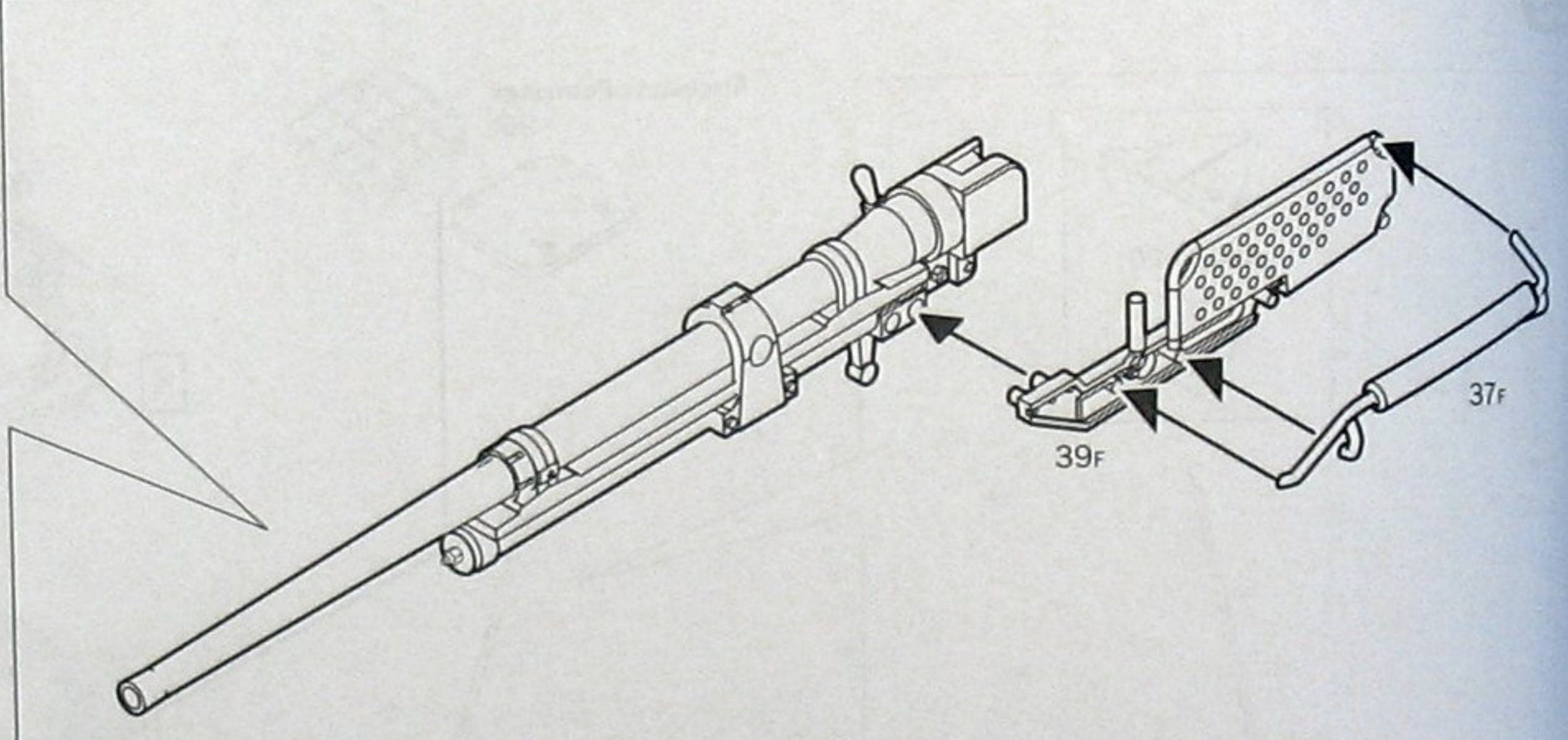
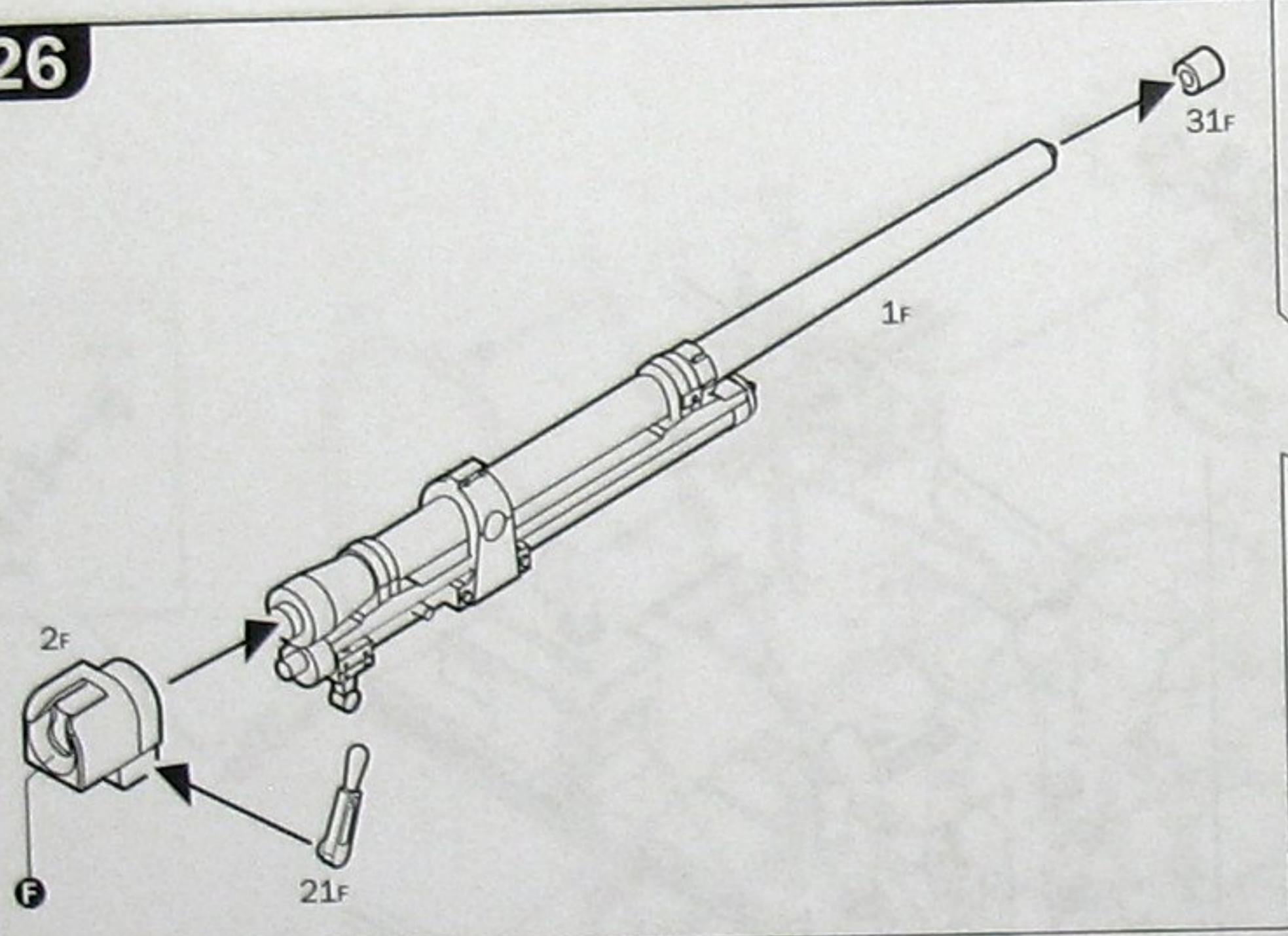




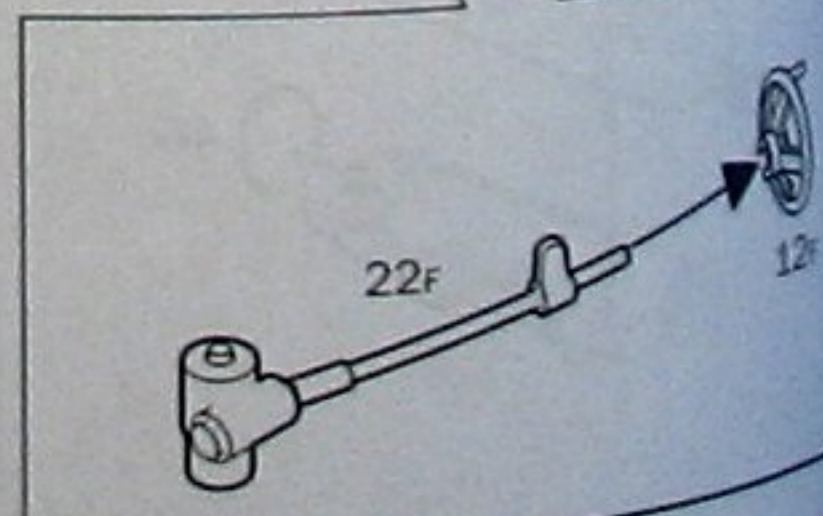
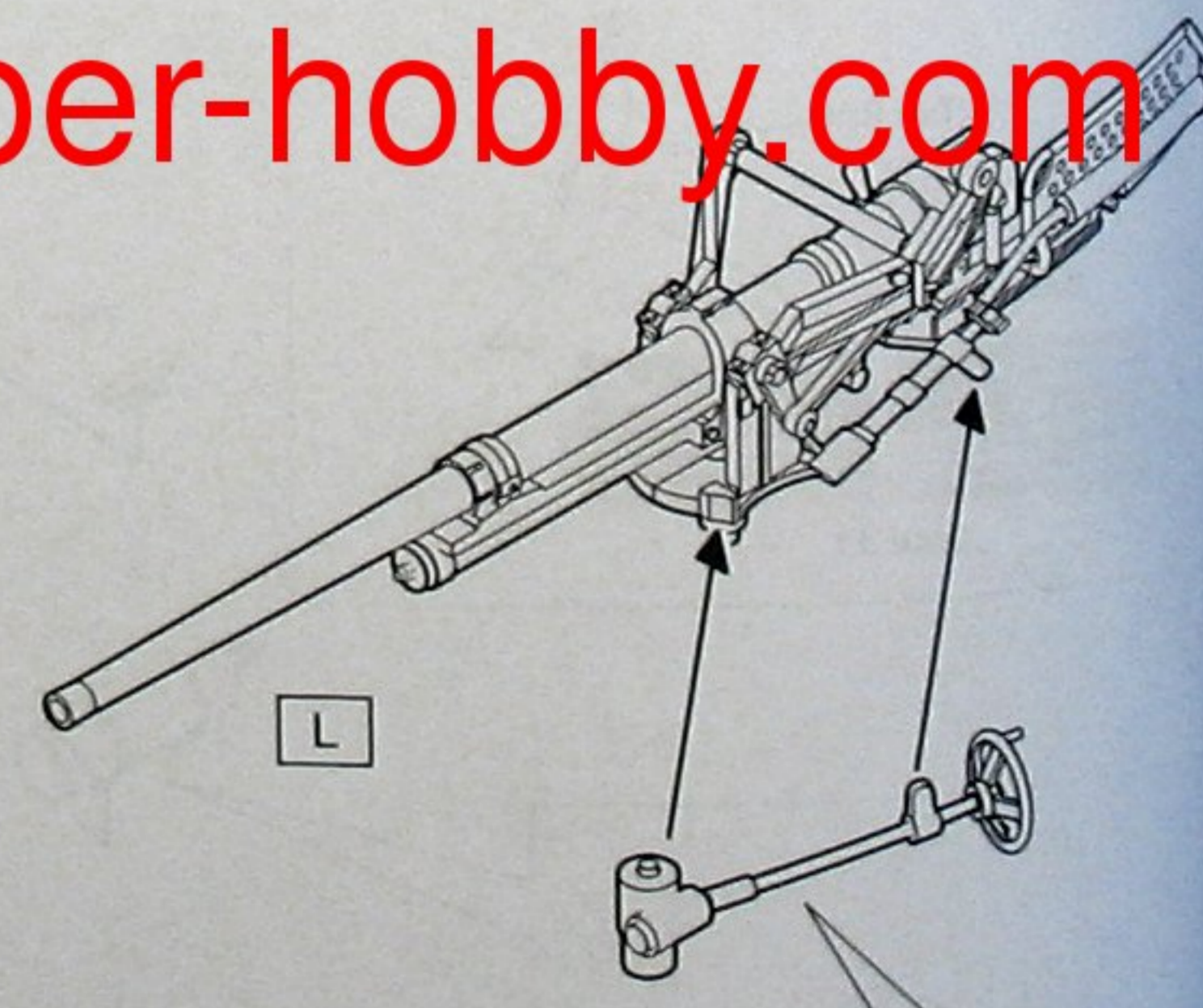
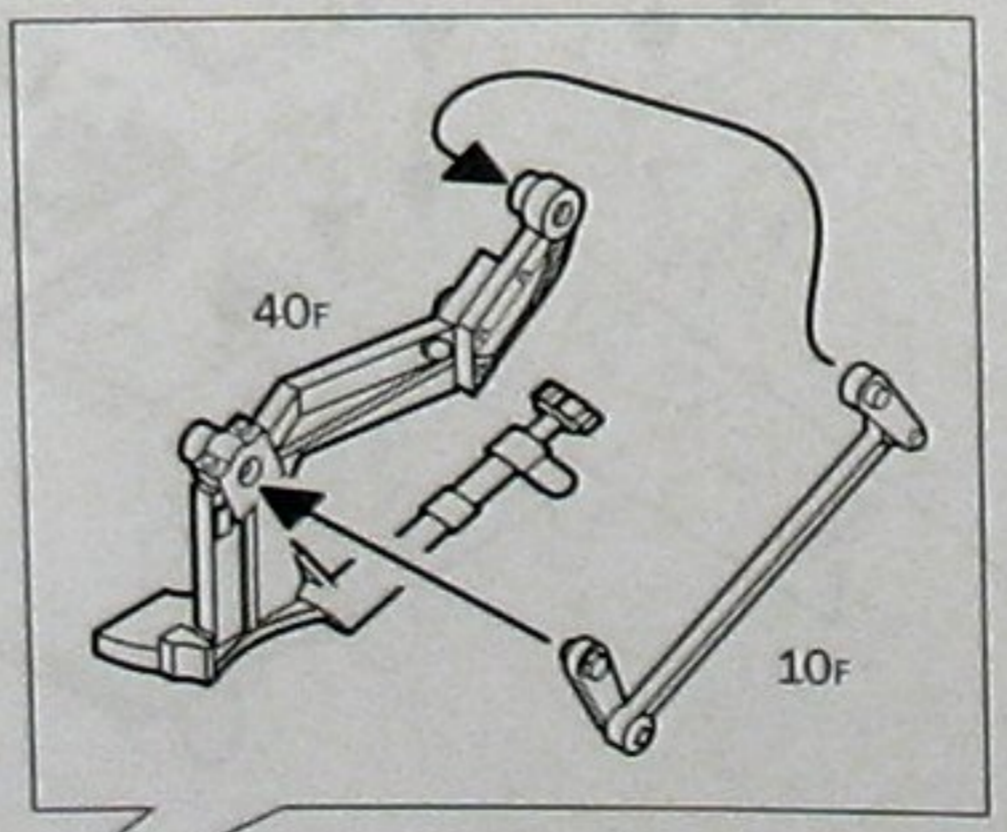
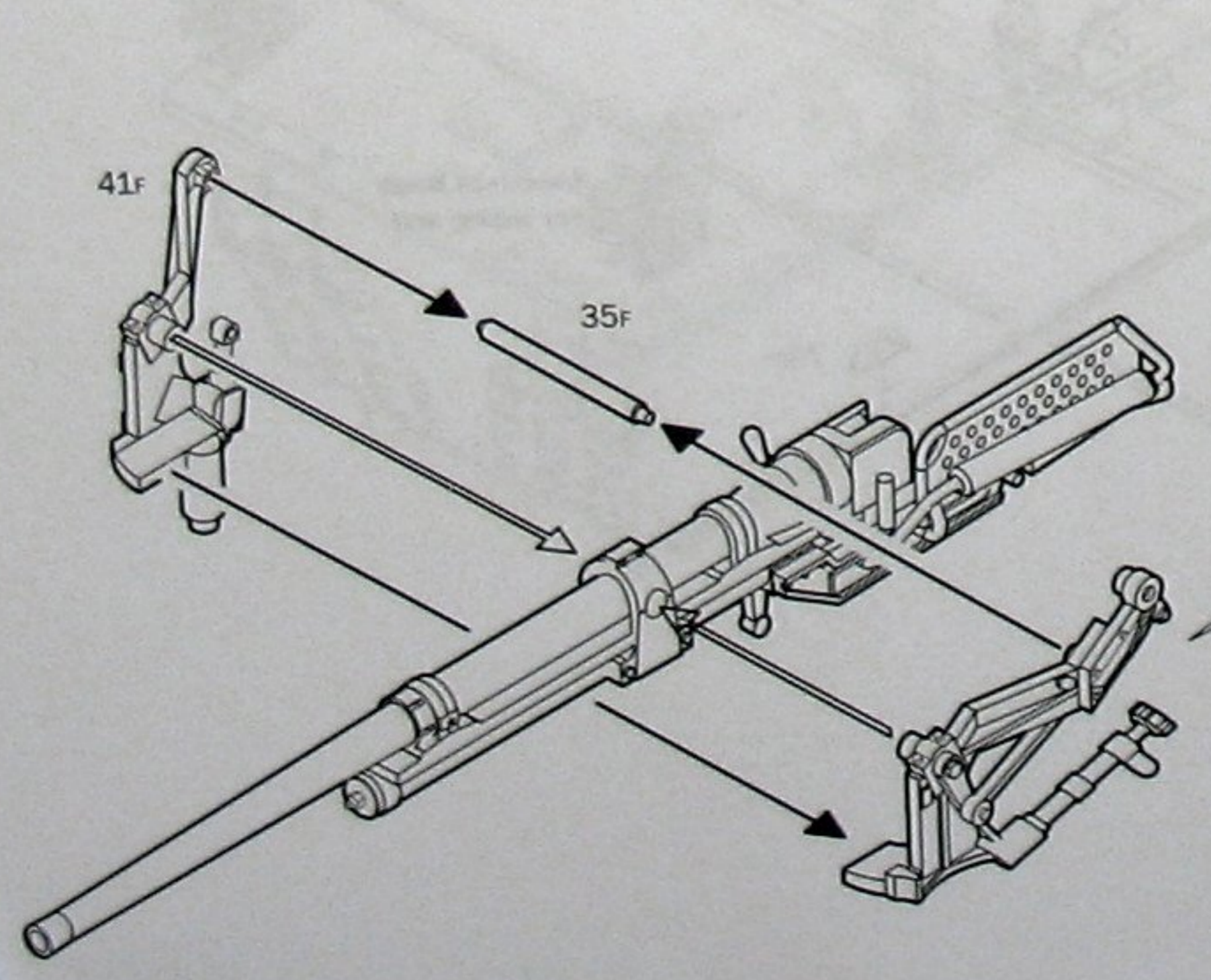
AMMUNITION BOXES
NOT SHOWN HERE

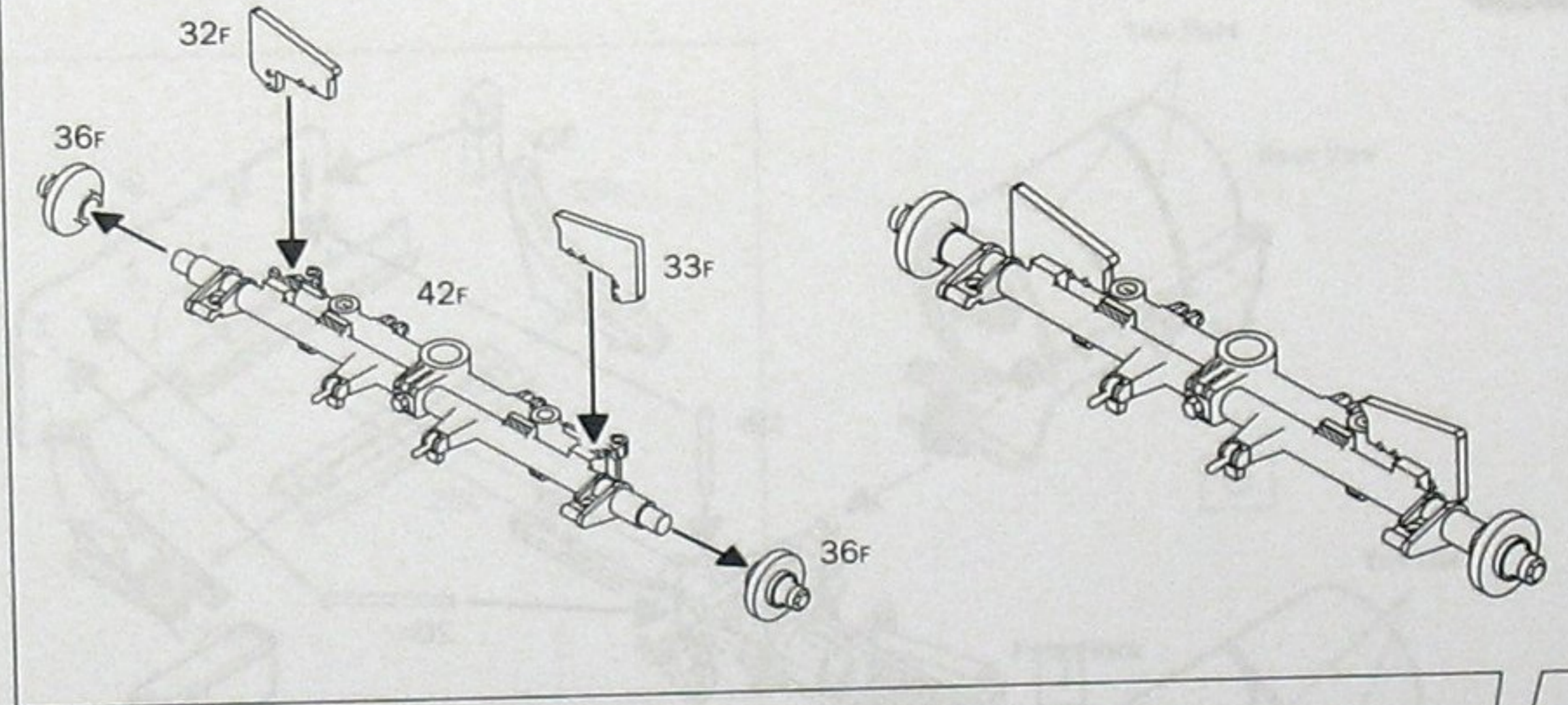
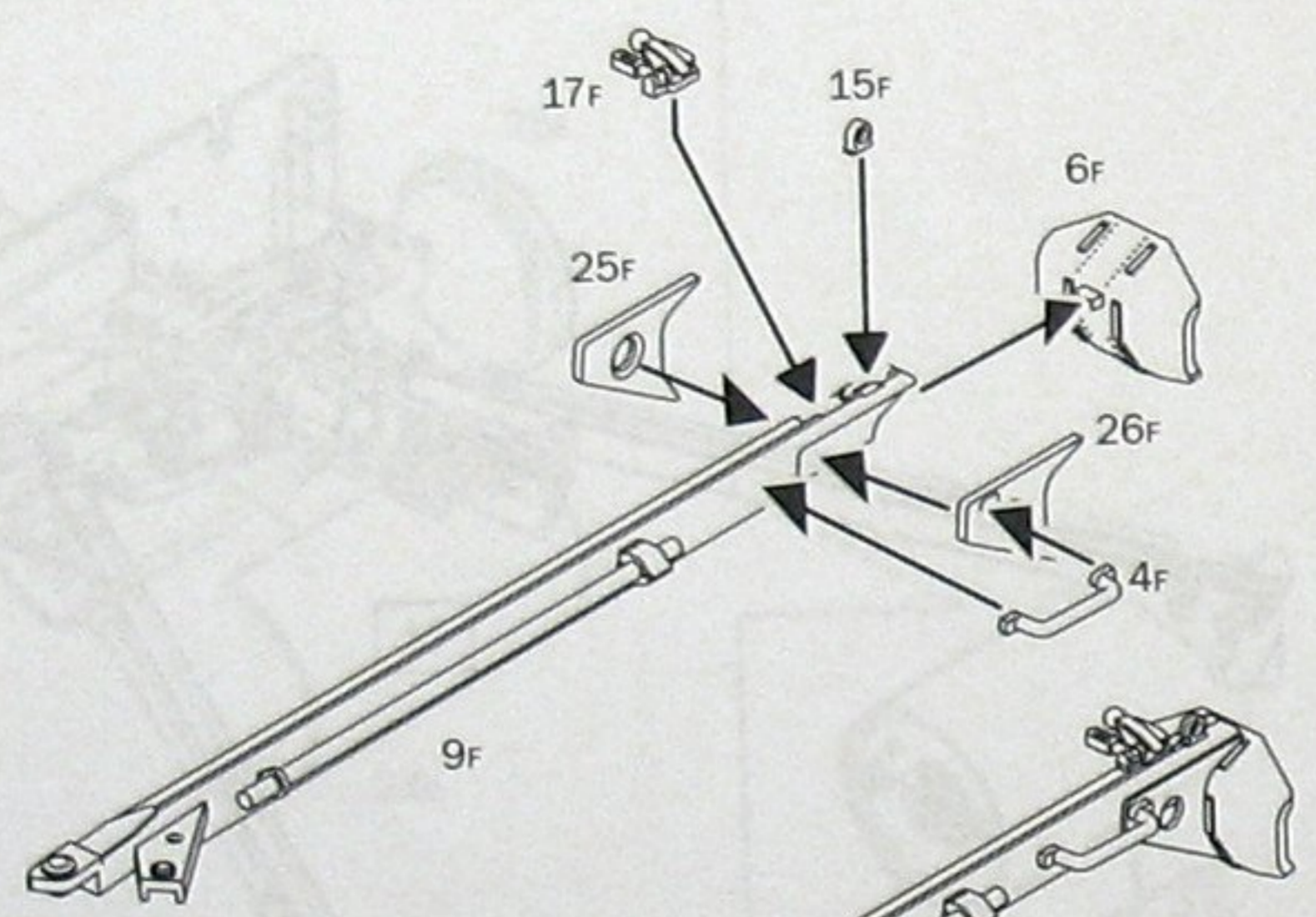


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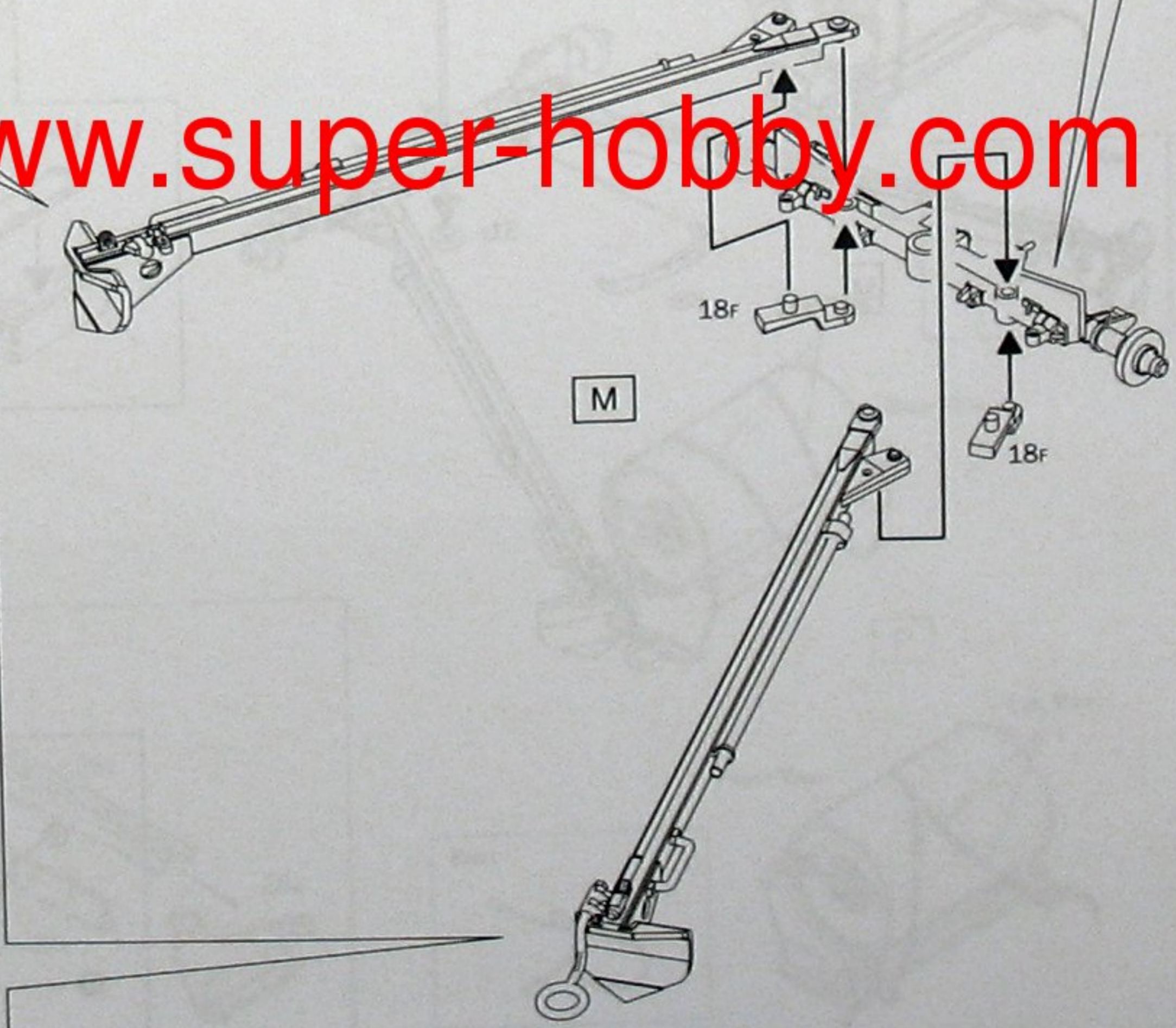
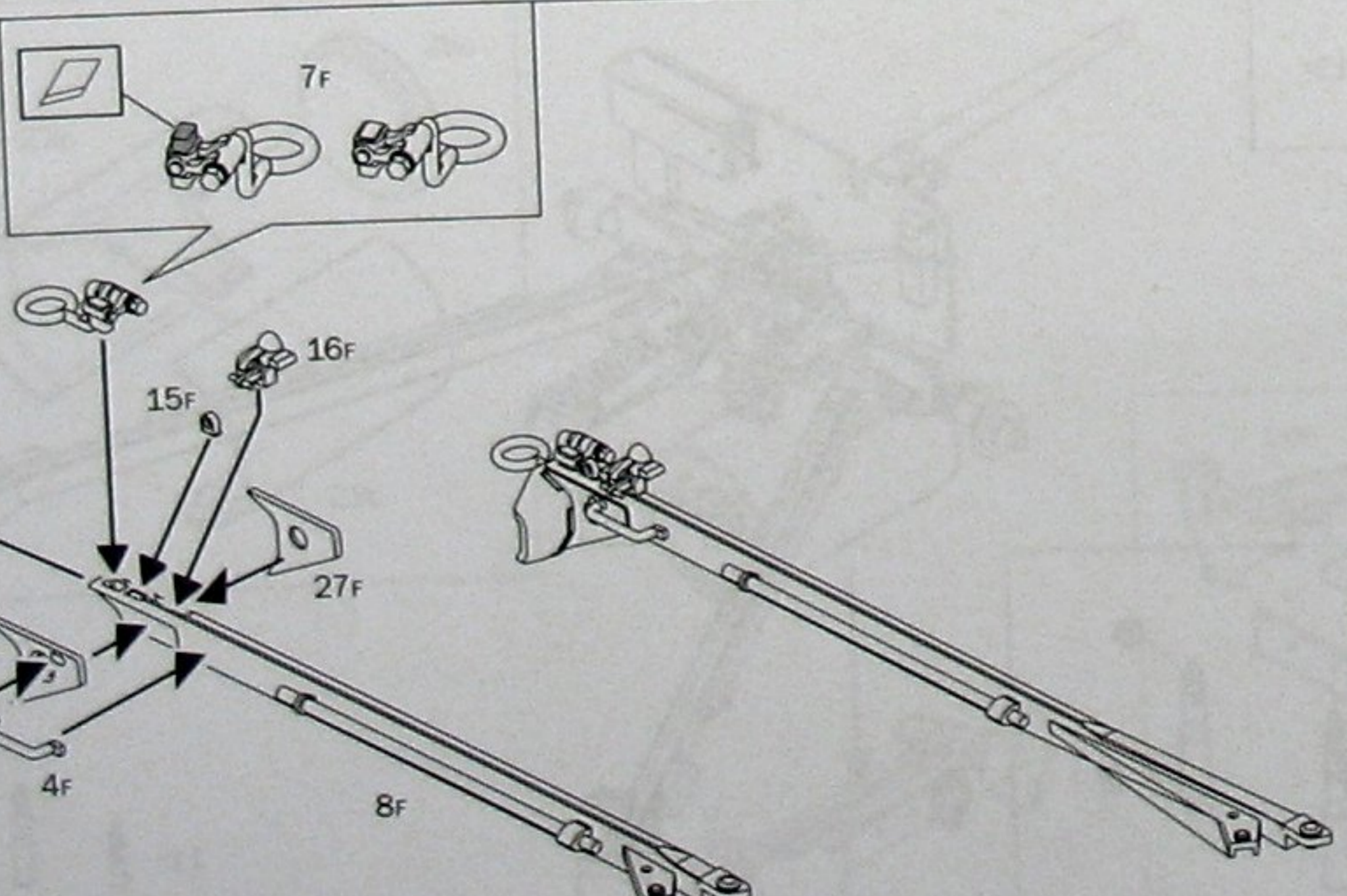


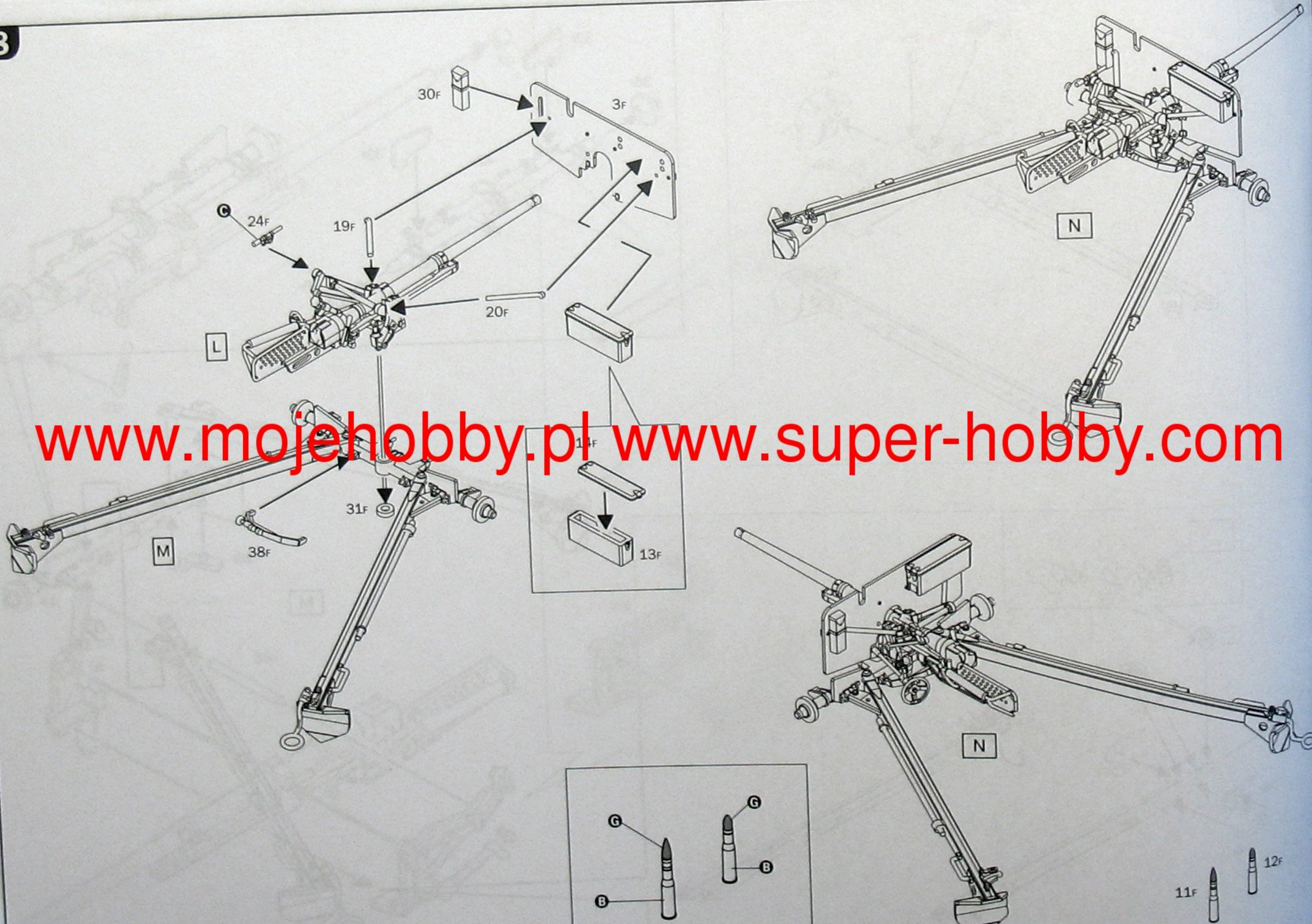
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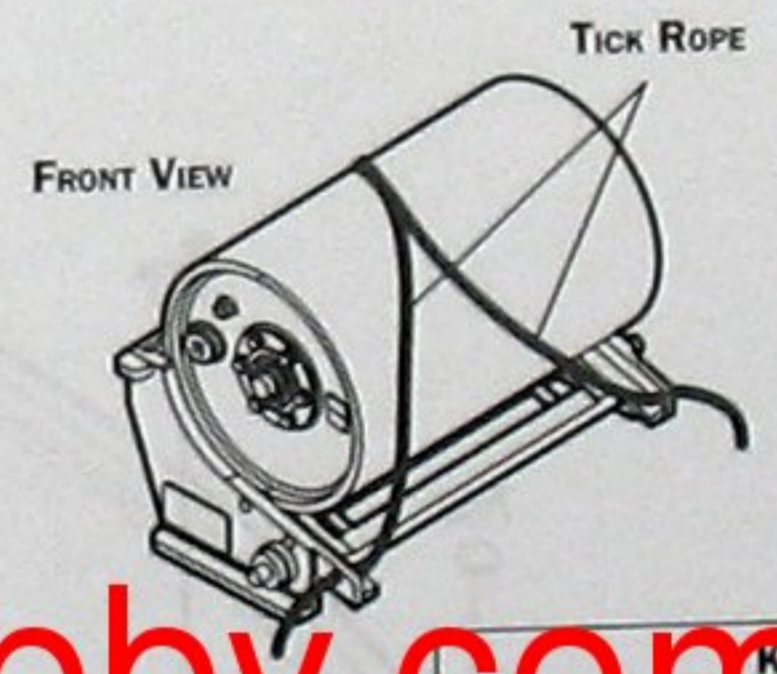
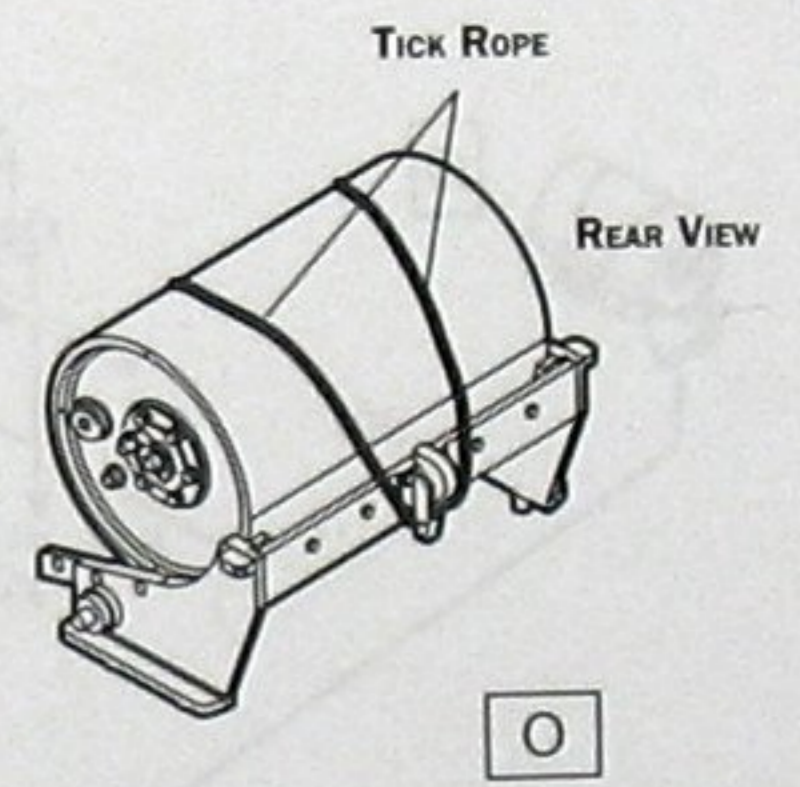
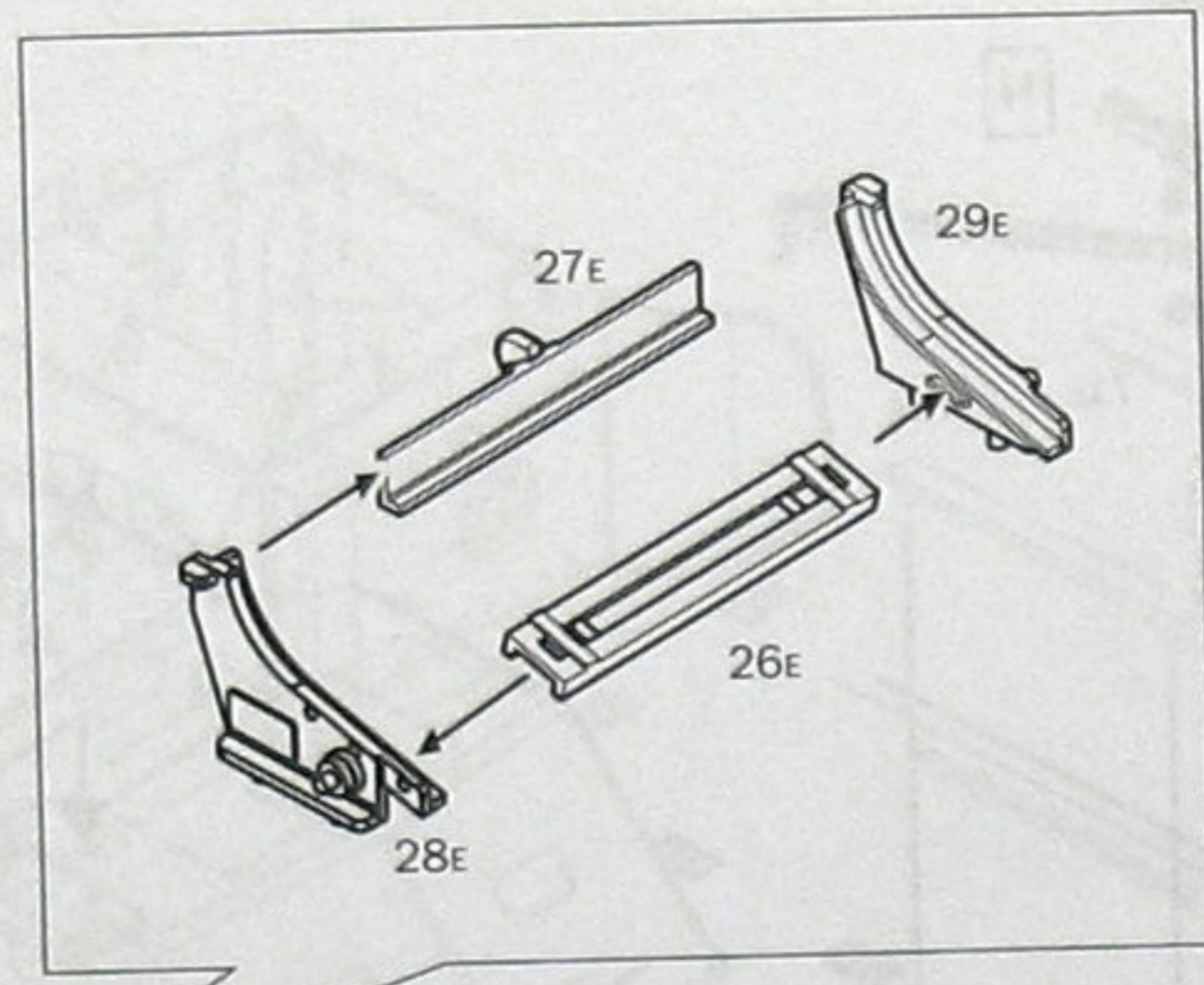
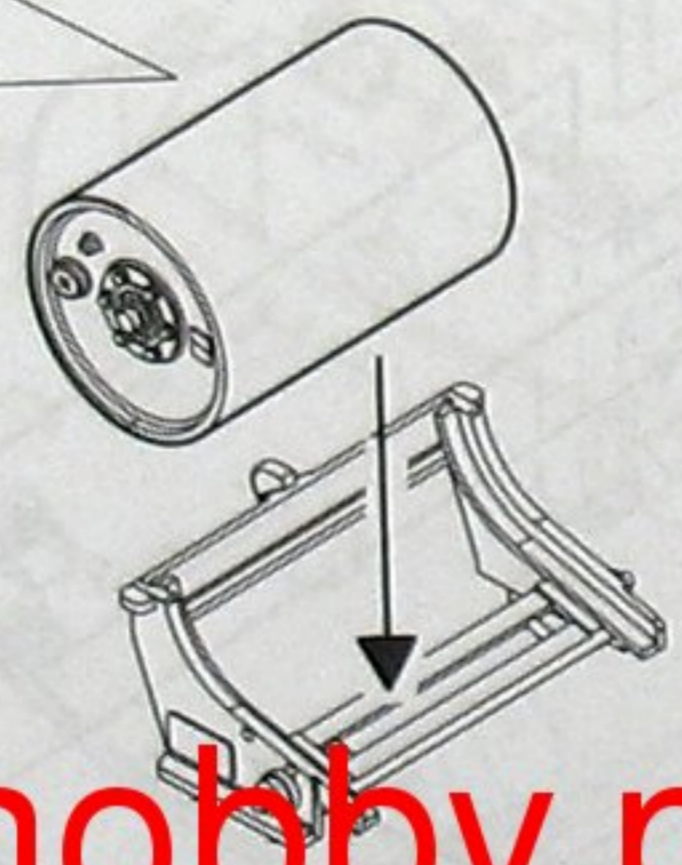
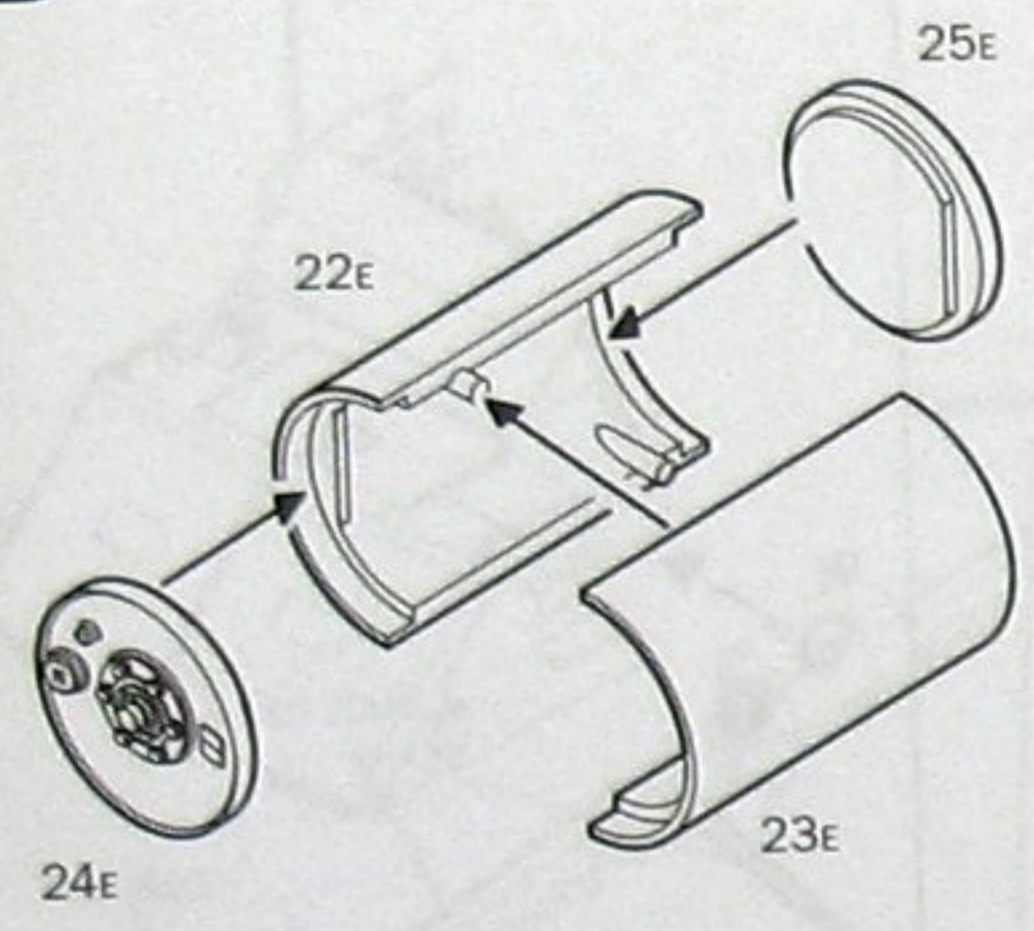




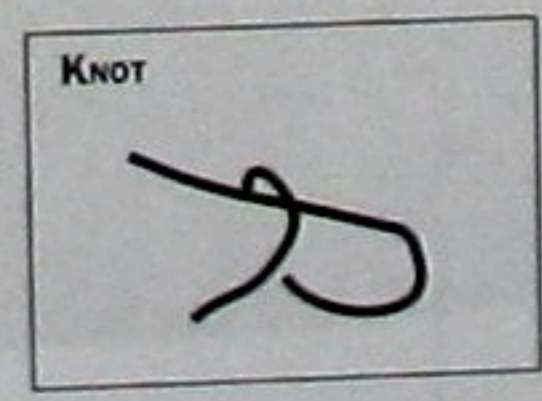
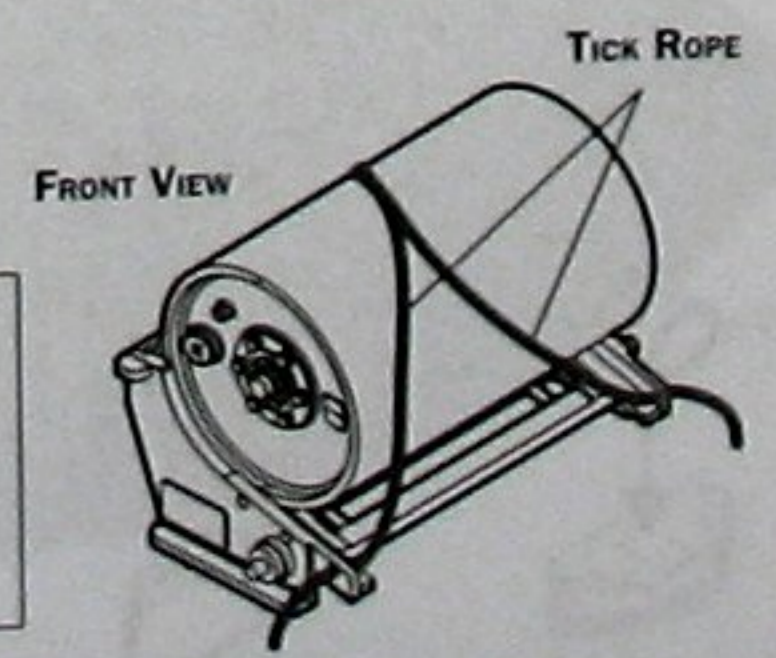
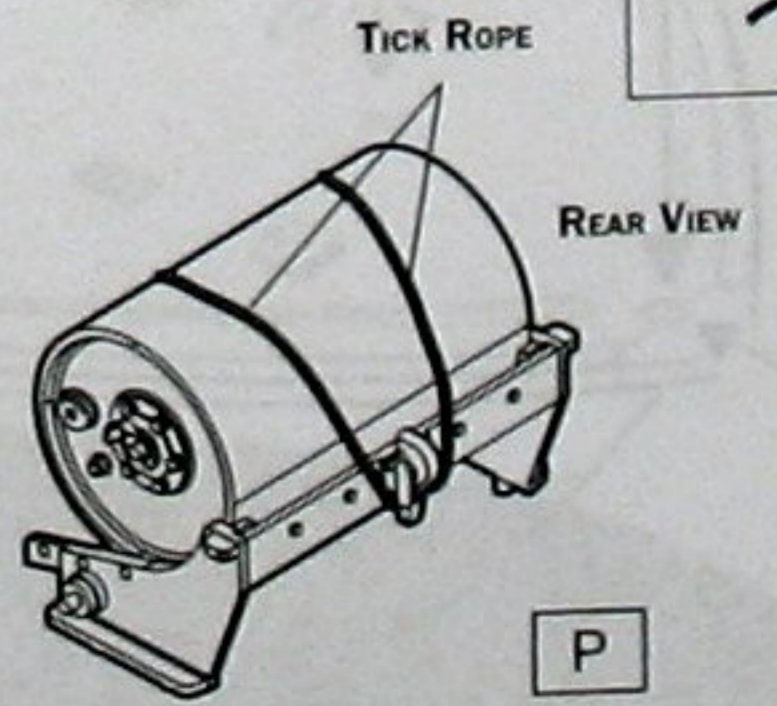
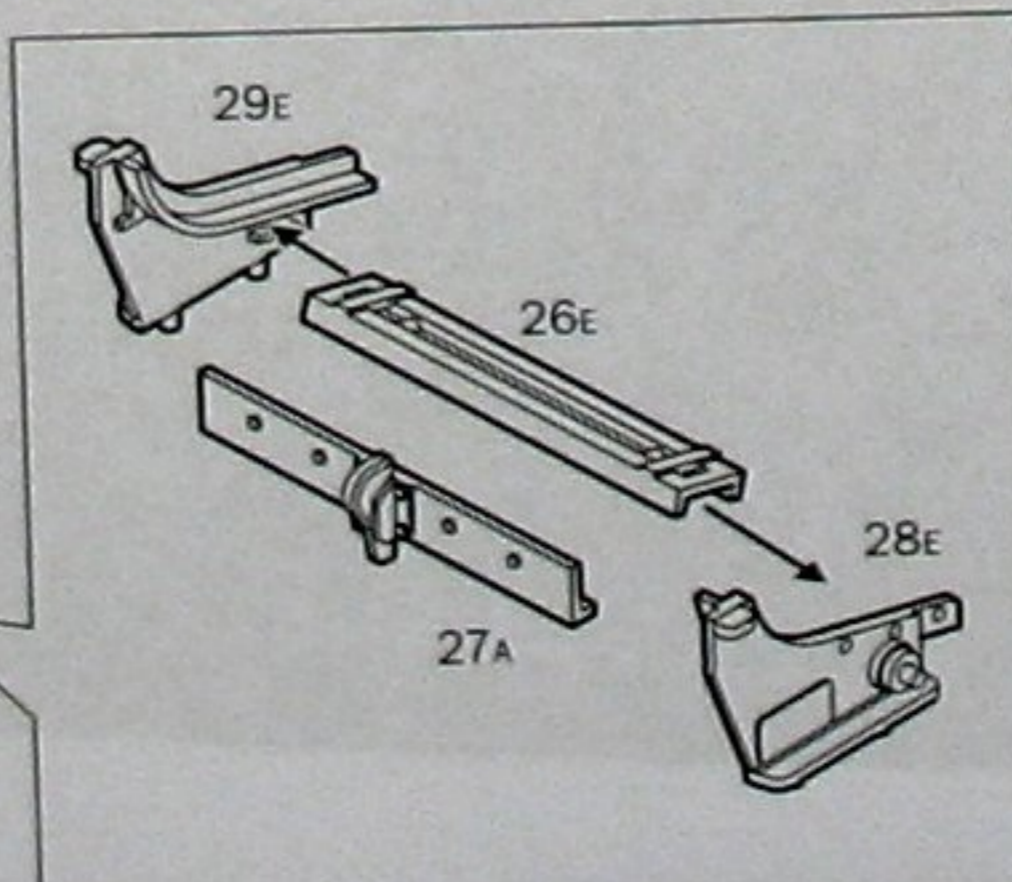
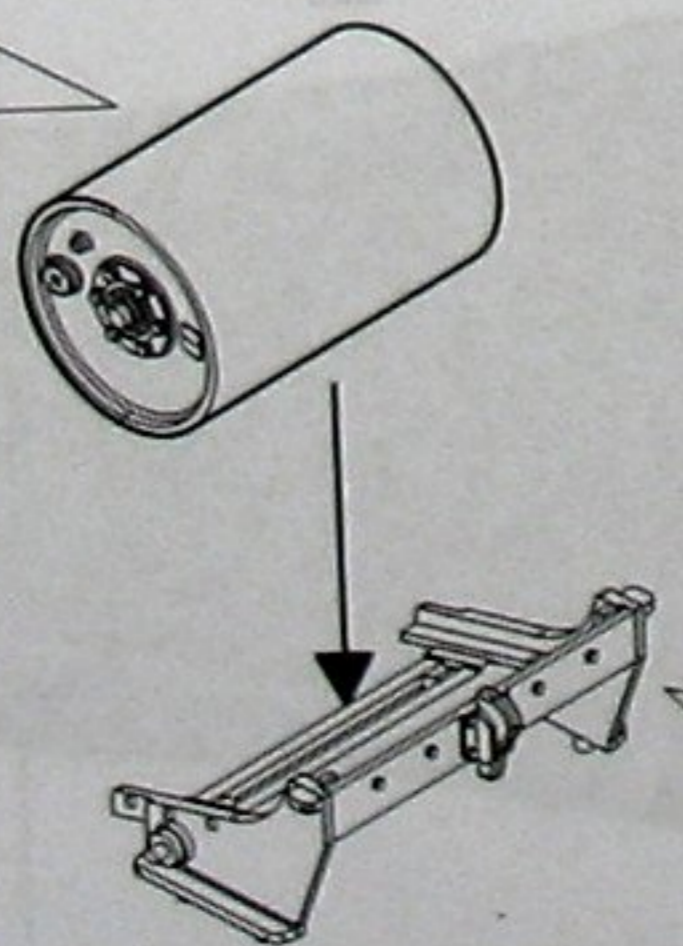
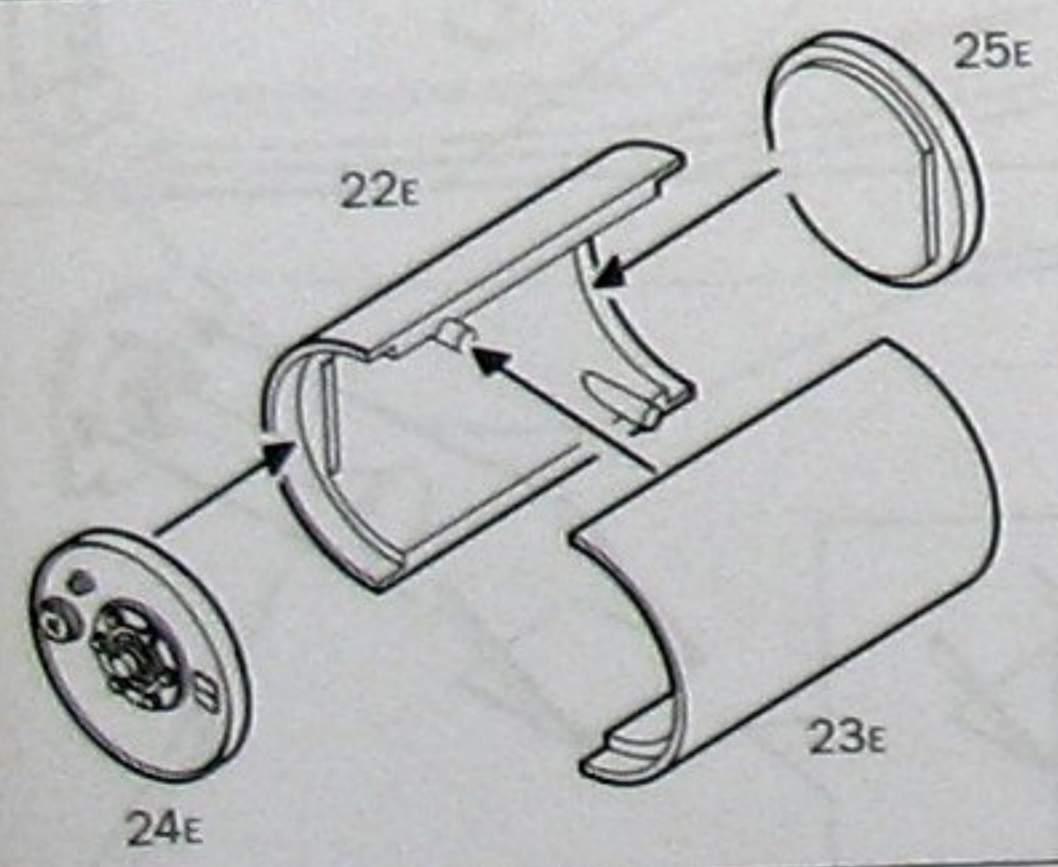
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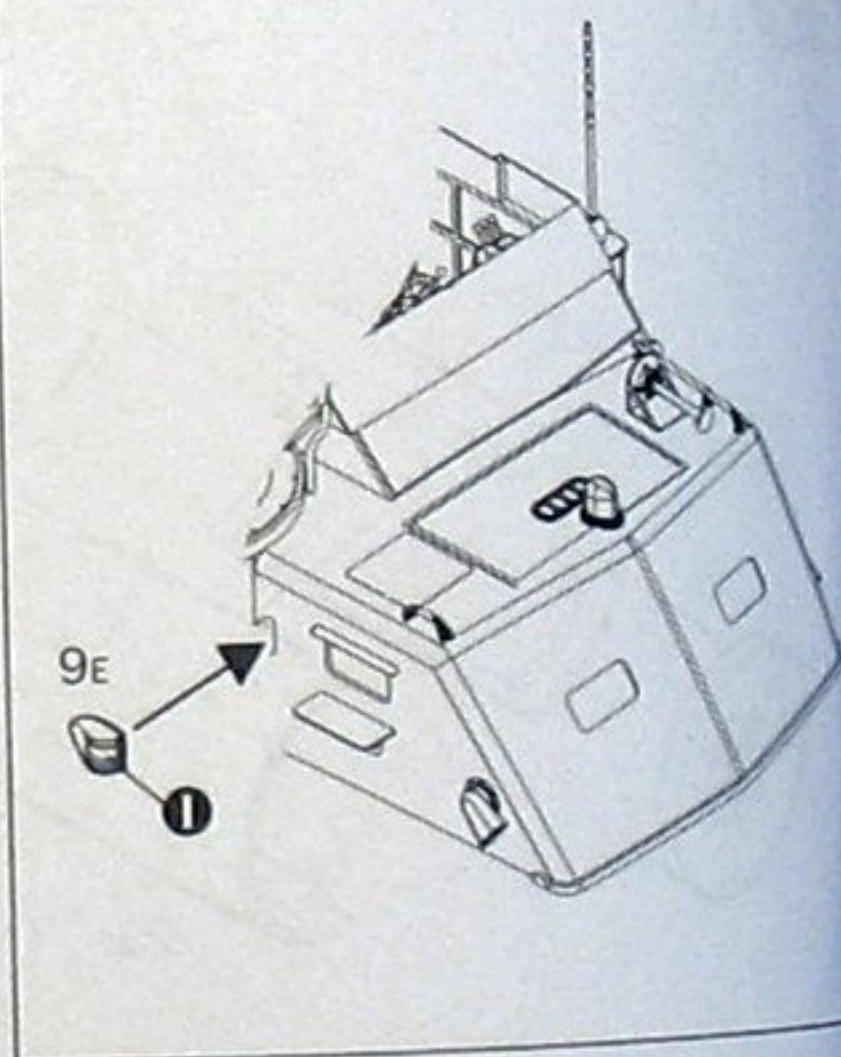
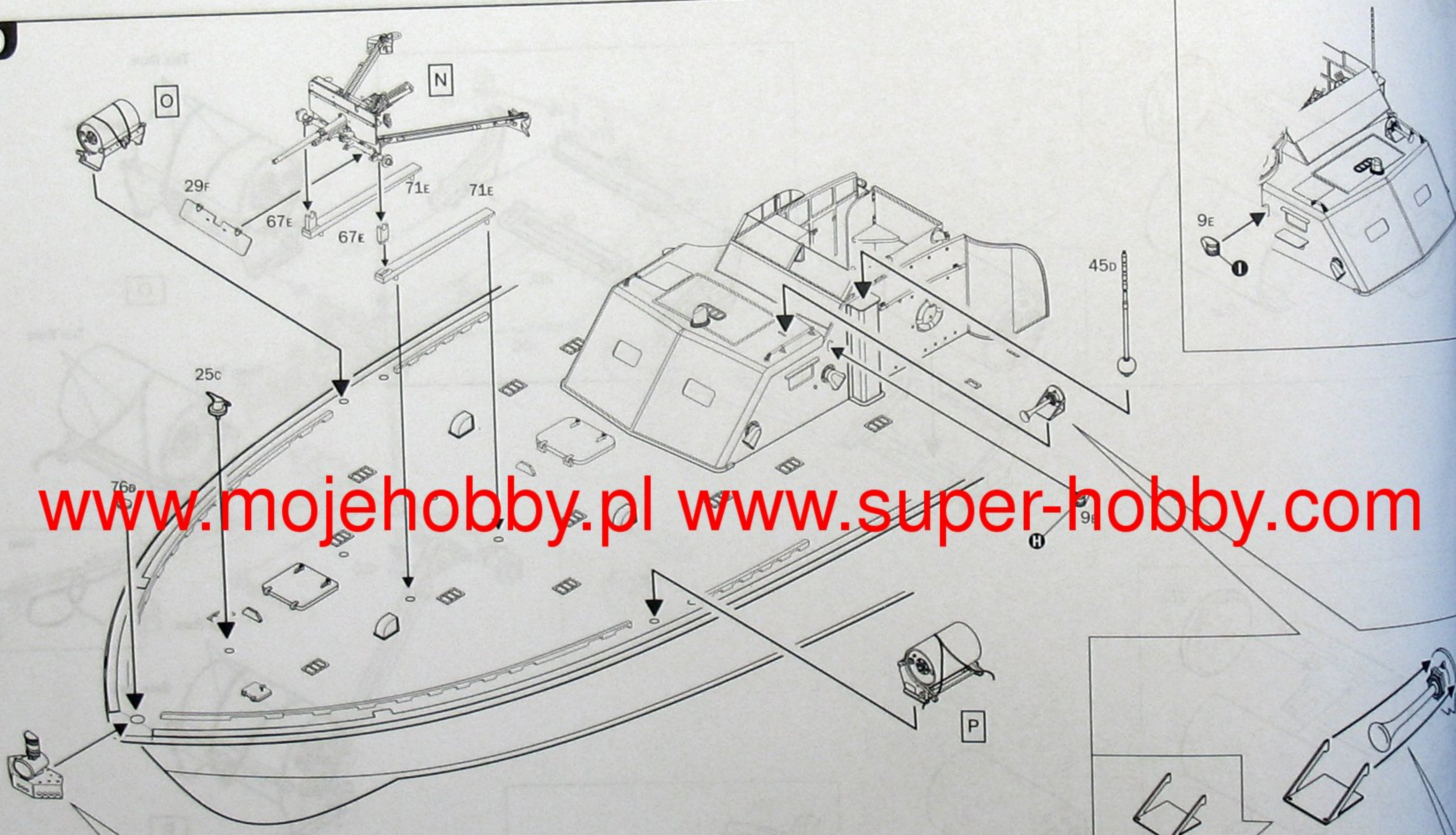




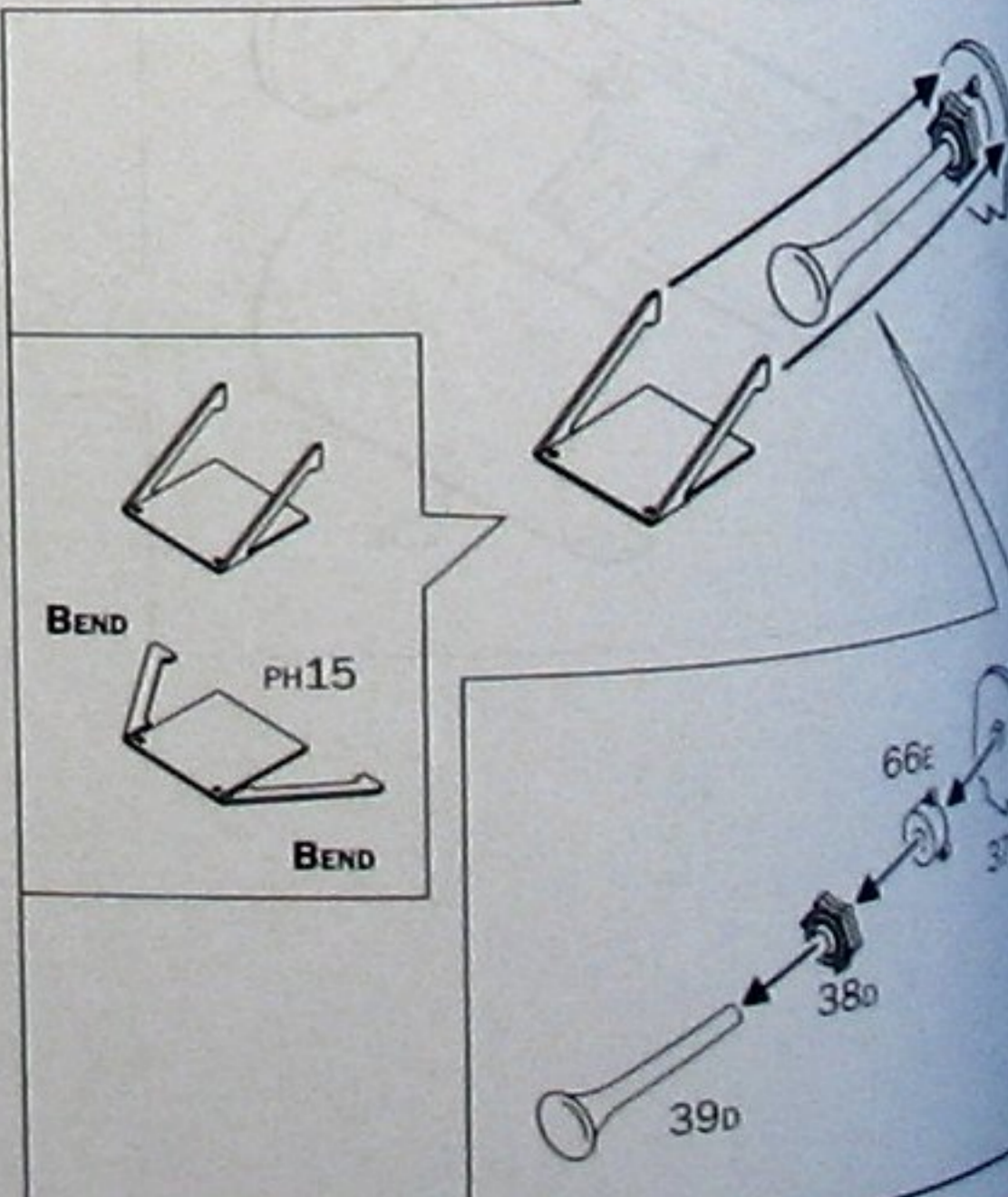
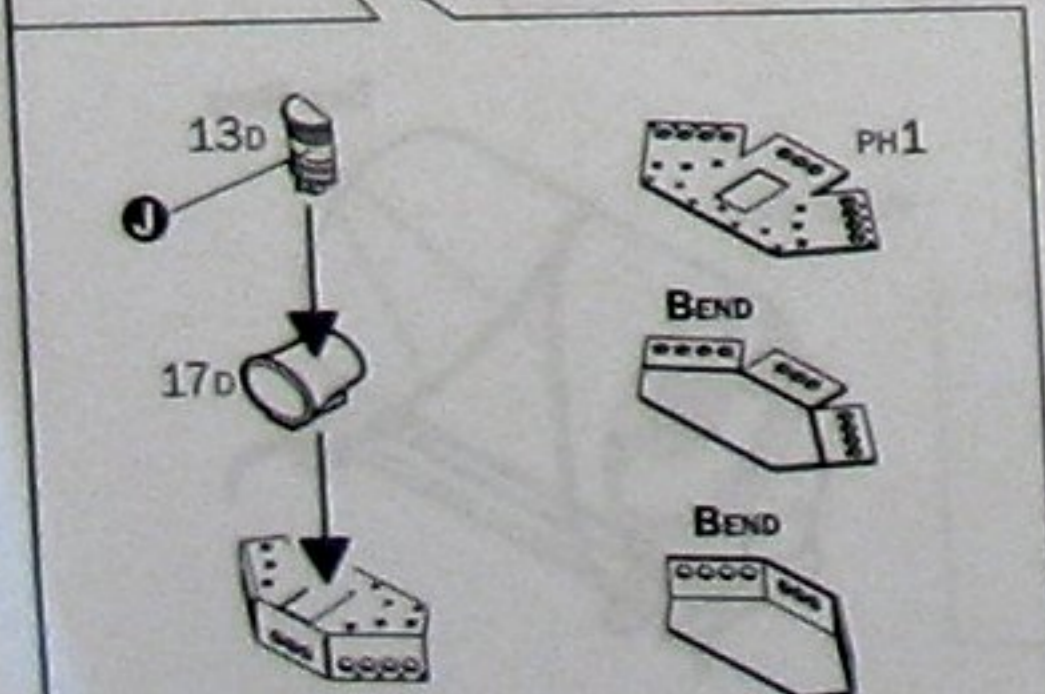


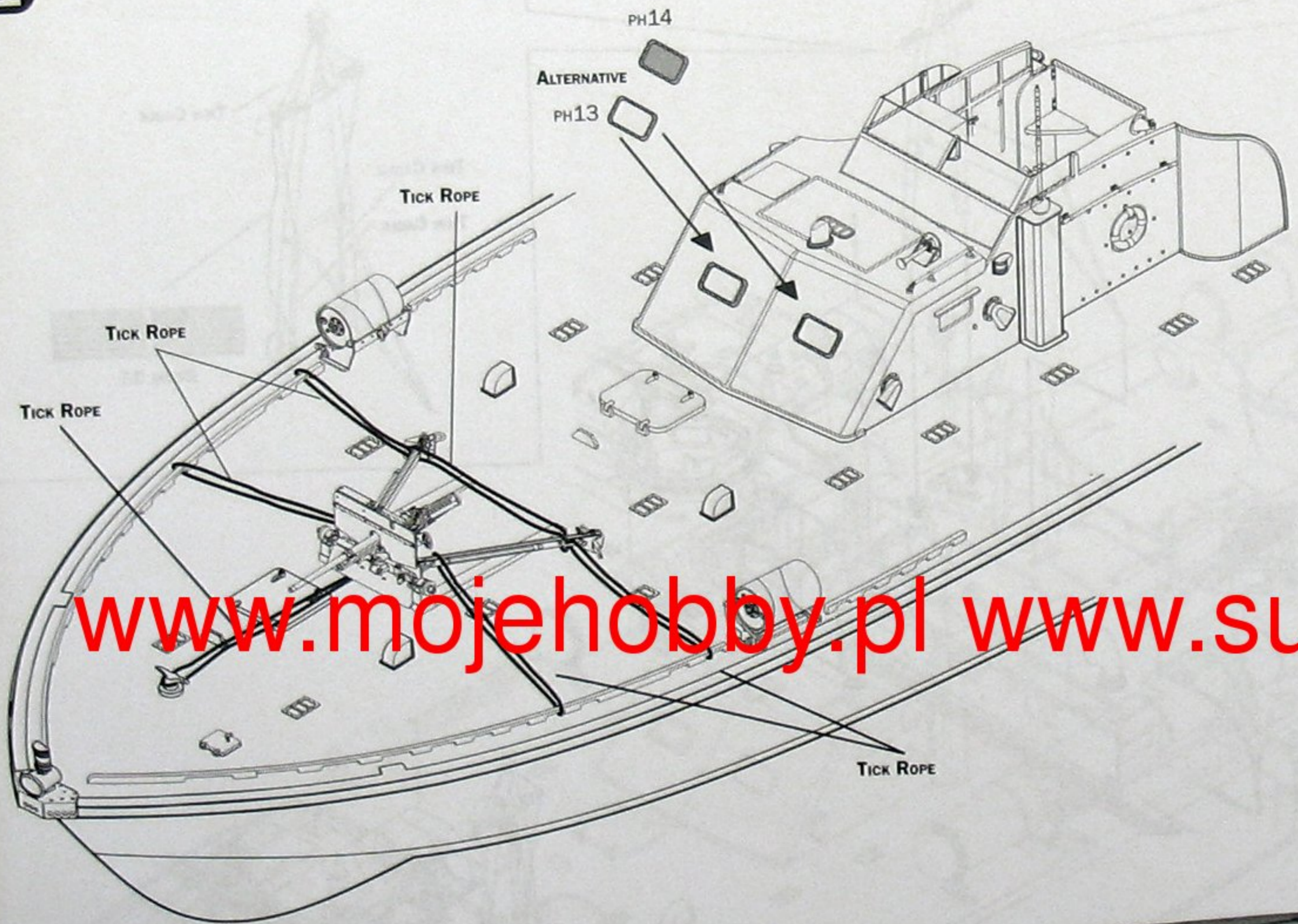
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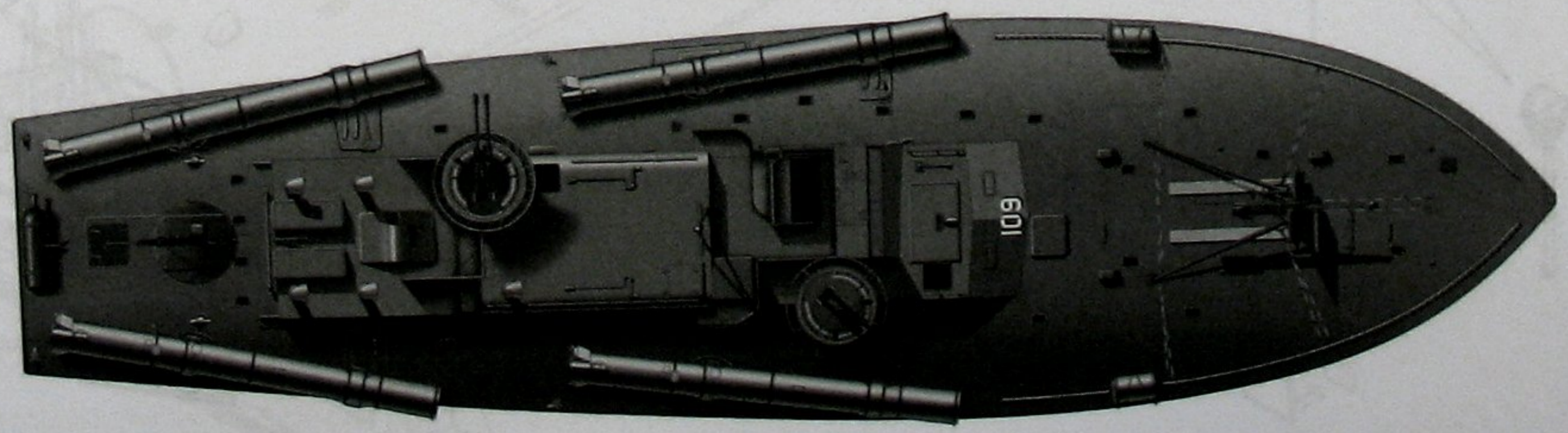


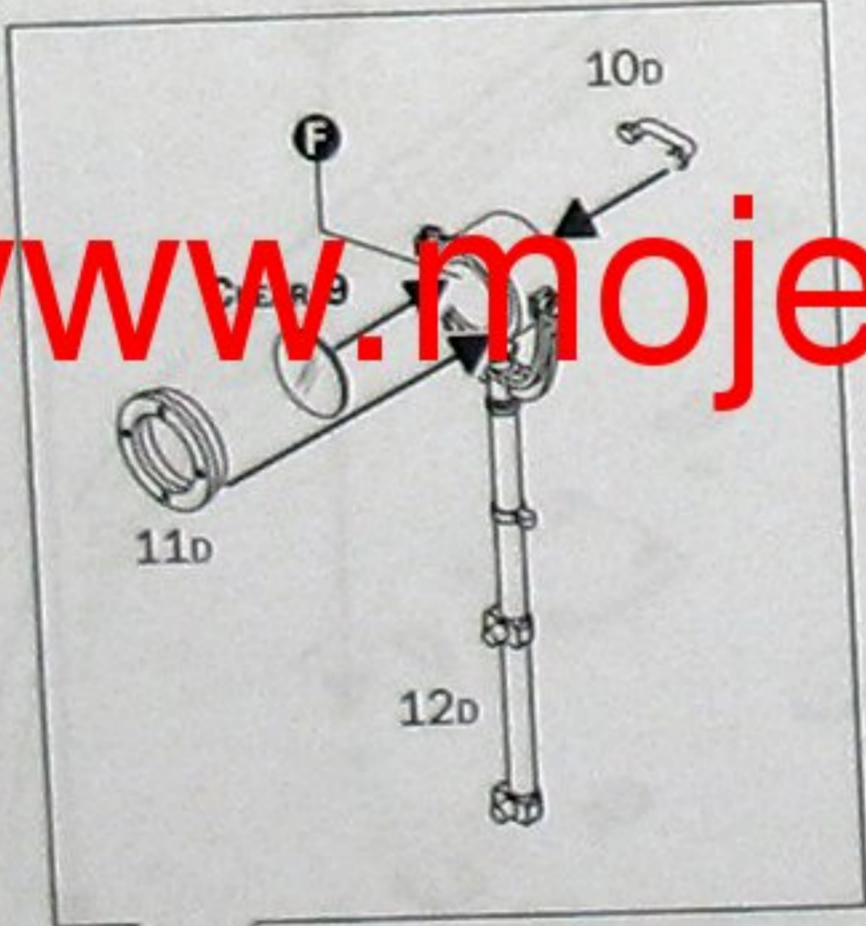
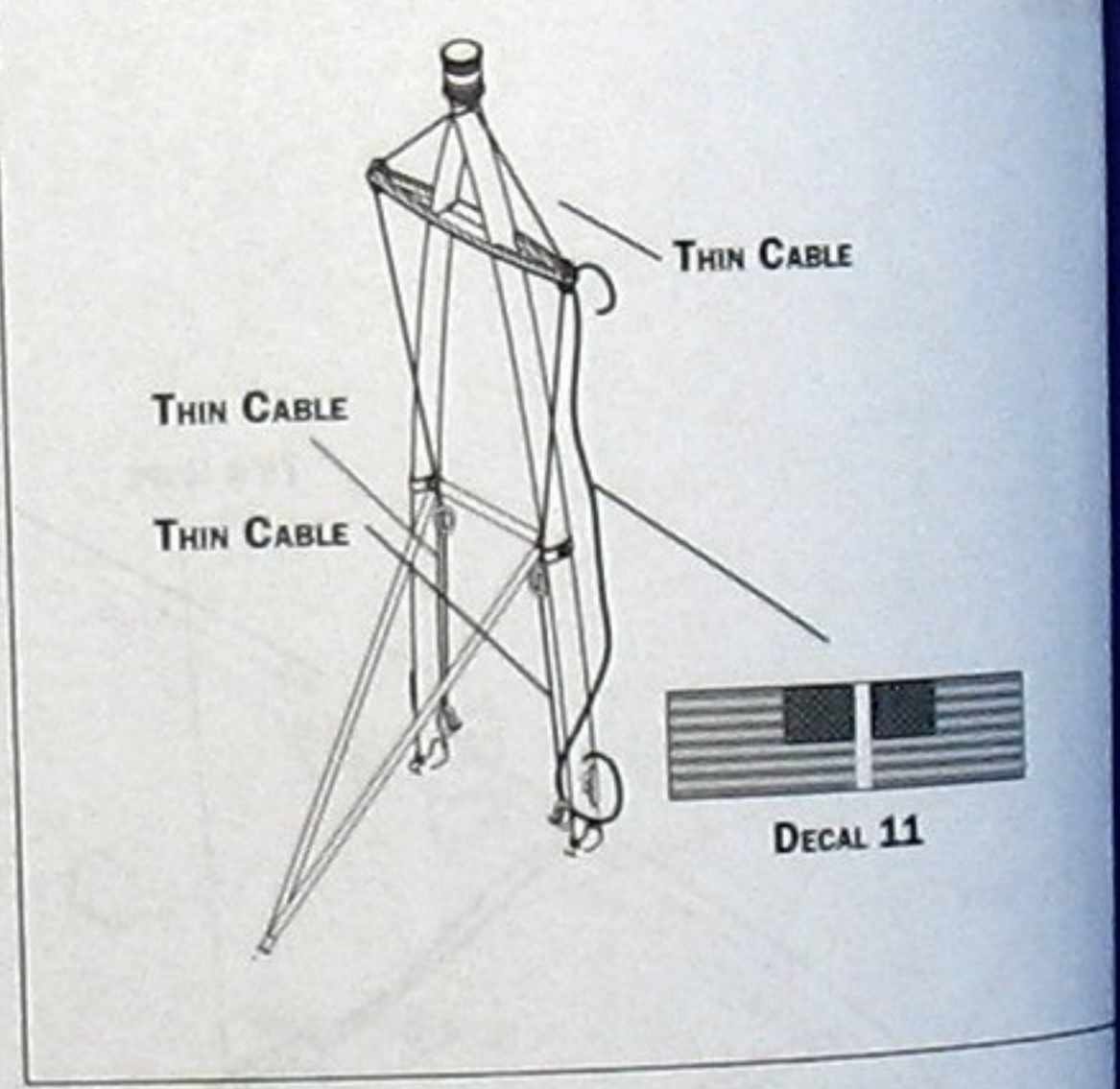
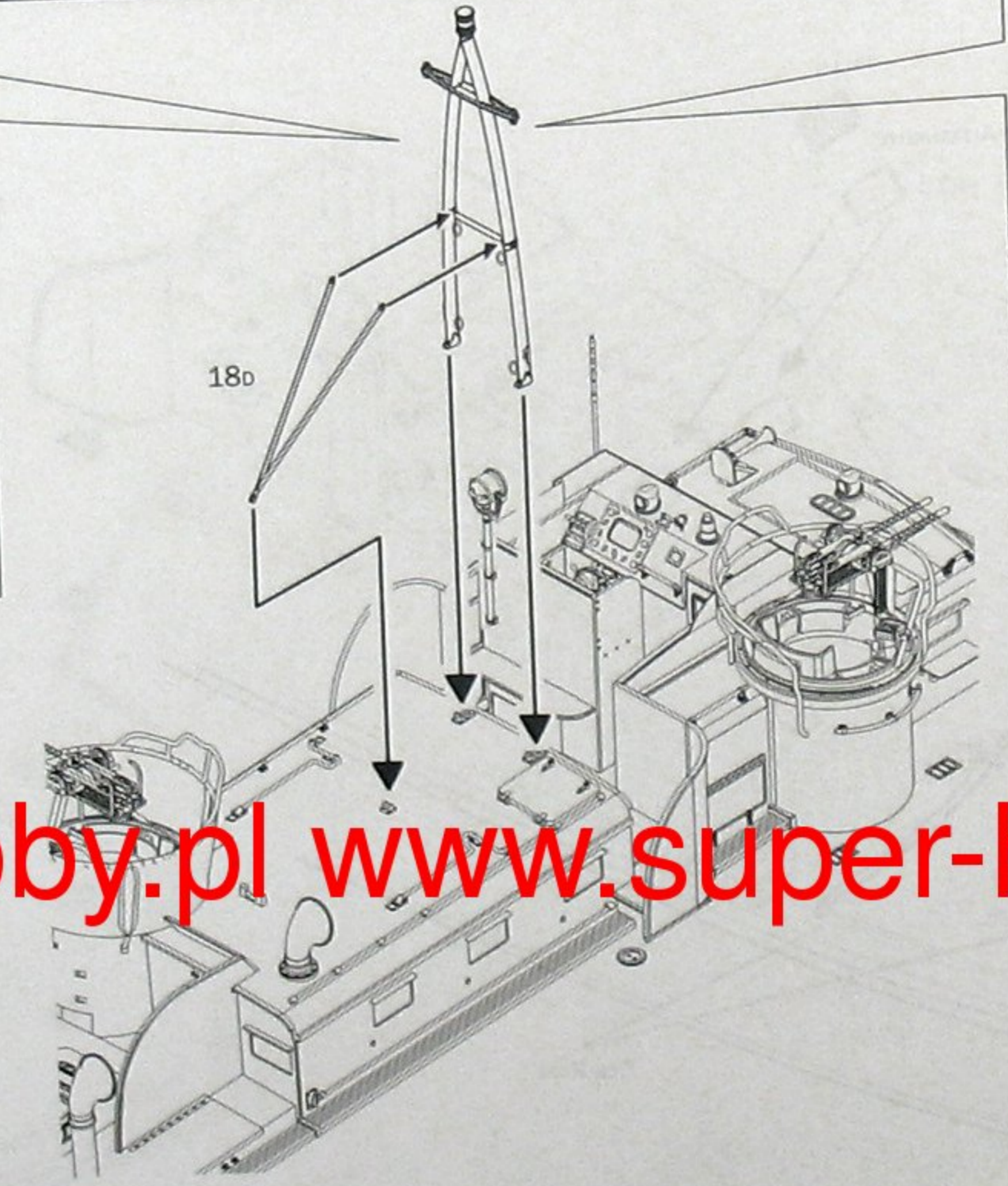
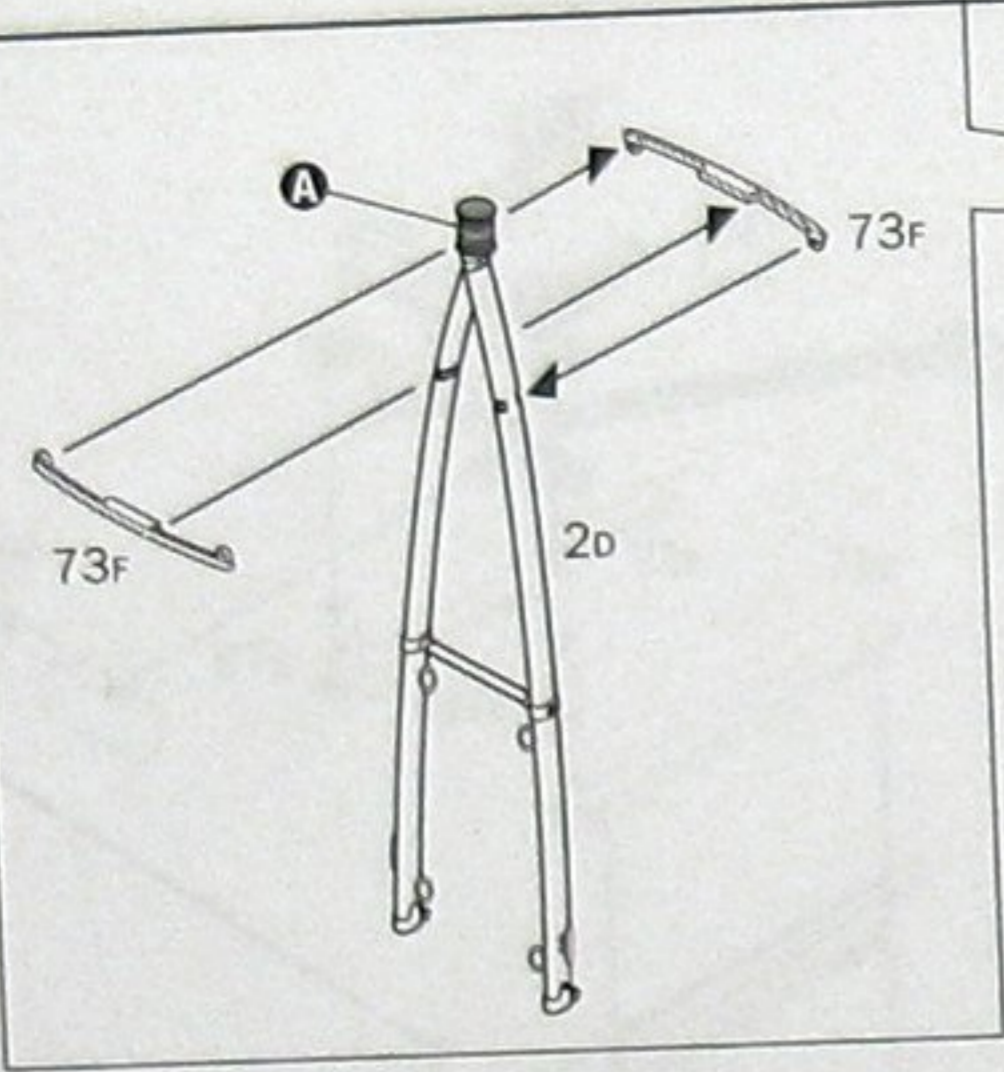
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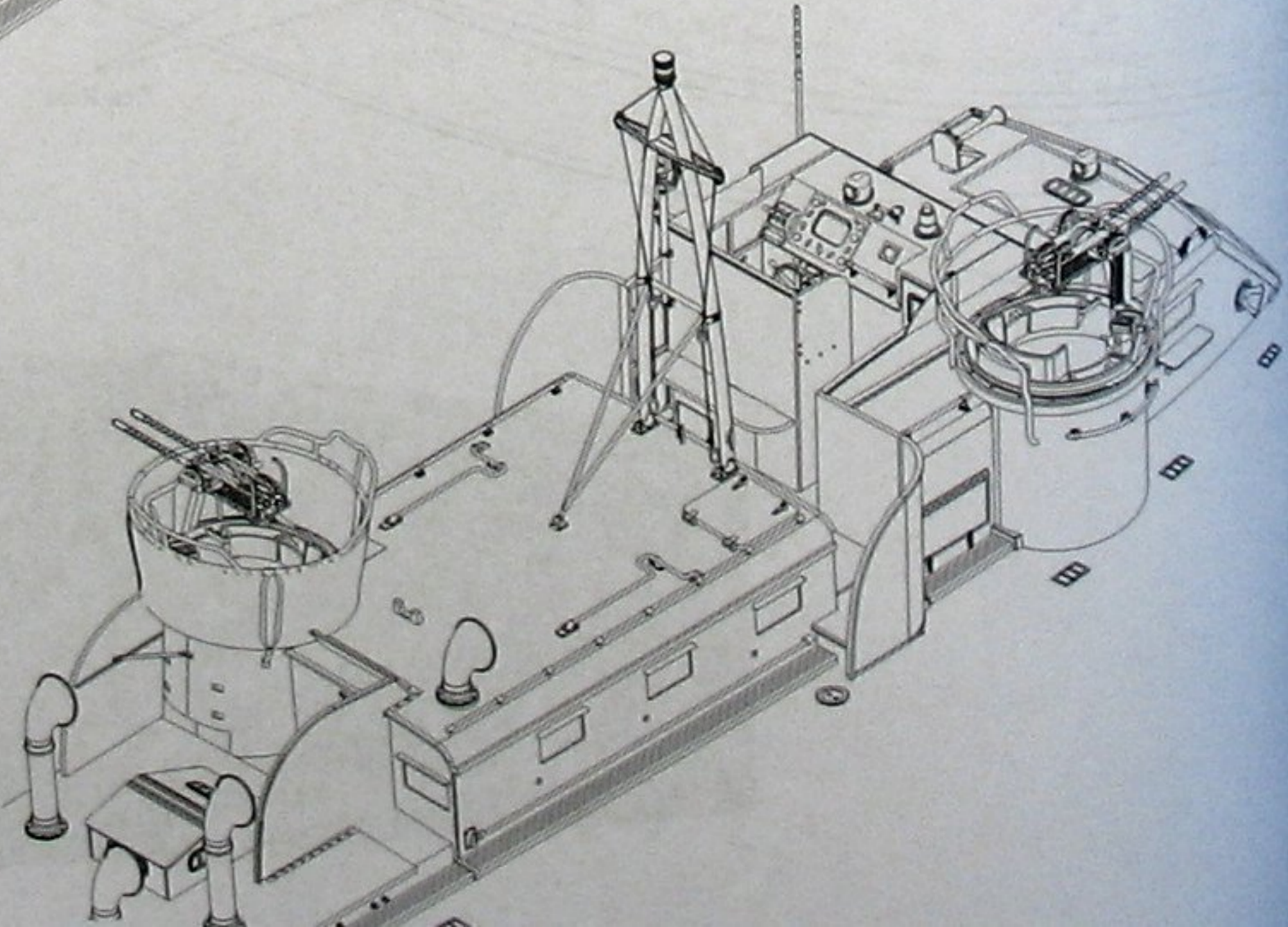
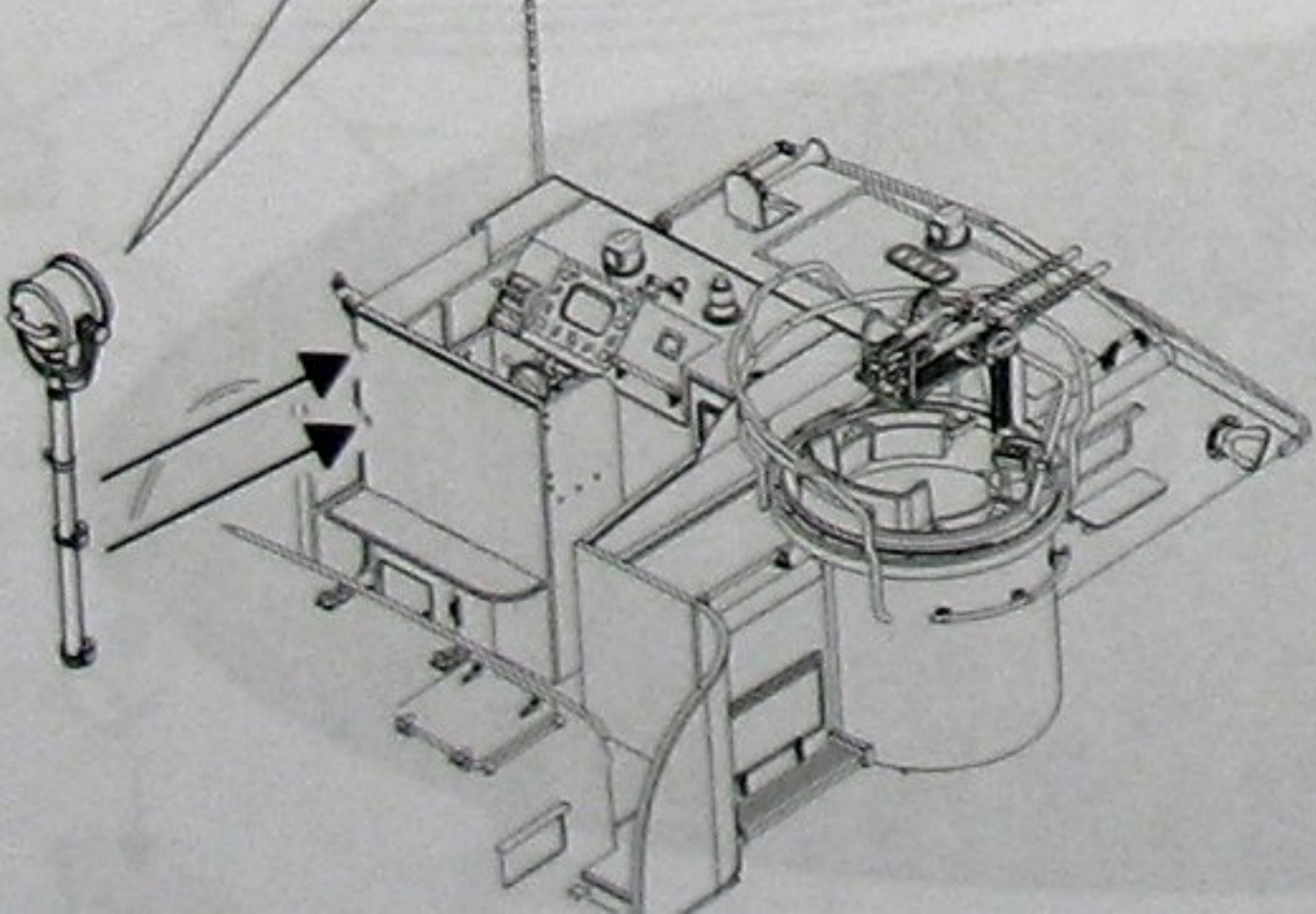


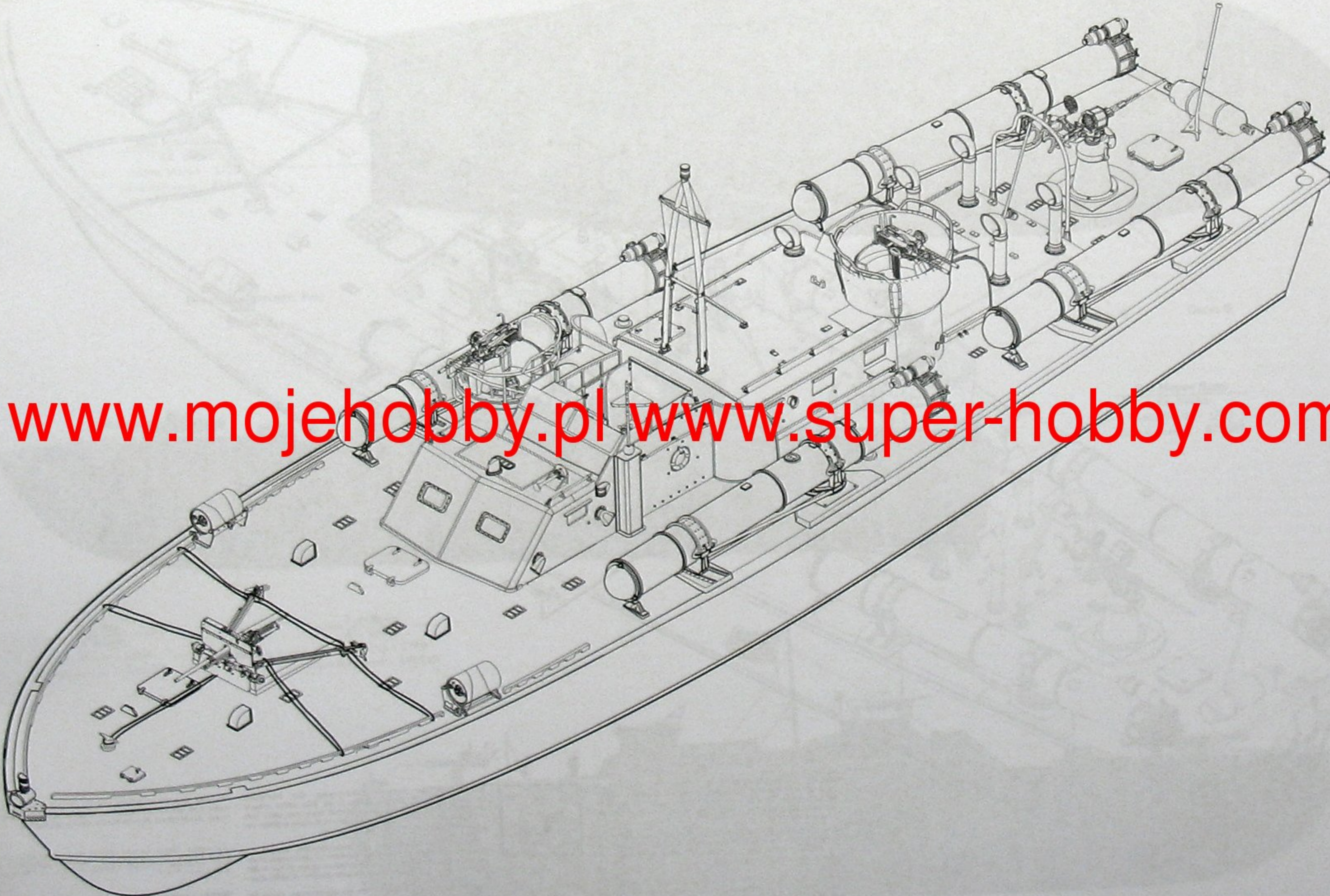
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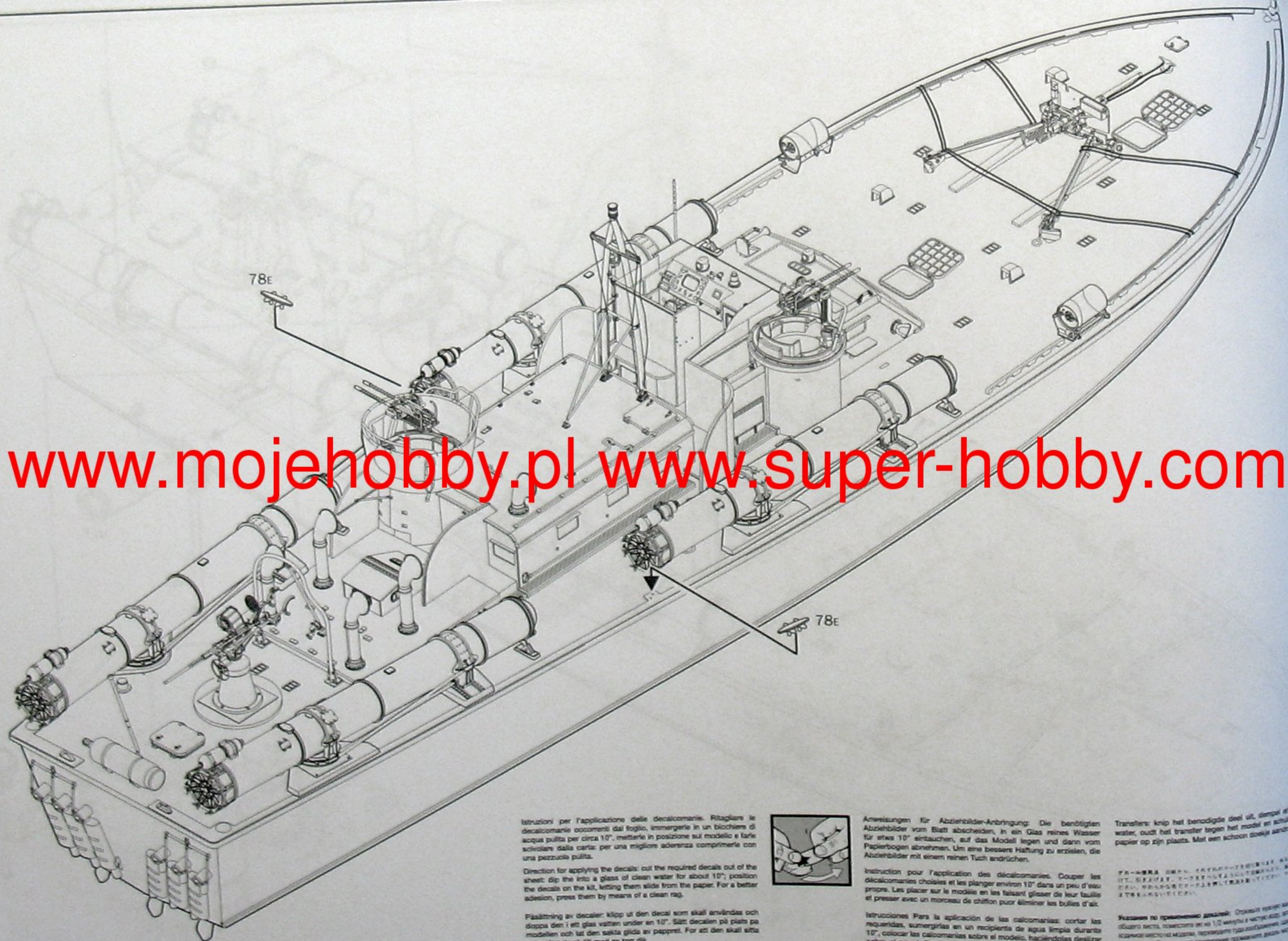


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Istruzioni per l'applicazione delle decalcomanie. Ritagliare le decalcomanie occorrenti dal foglio, immergerle in un bicchiere di acqua pulita per circa 10", metterle in posizione sul modello e fare scivolare dalla carta; per una migliore aderenza compprimerle con una pezzuola pulita.

Direction for applying the decals: cut the required decals out of the sheet; dip the into a glass of clean water for about 10"; position the decals on the kit, letting them slide from the paper. For a better adesion, press them by means of a clean rag.

Påläggning av decaler: klipp ut den decal som skall användas och doppa den i ett glas vatten under en 10". Sätt decalen på plats på modellen och låt den sakta glida av pappret. För att den skall sitta ordentligt, tryck till med en torr duk.



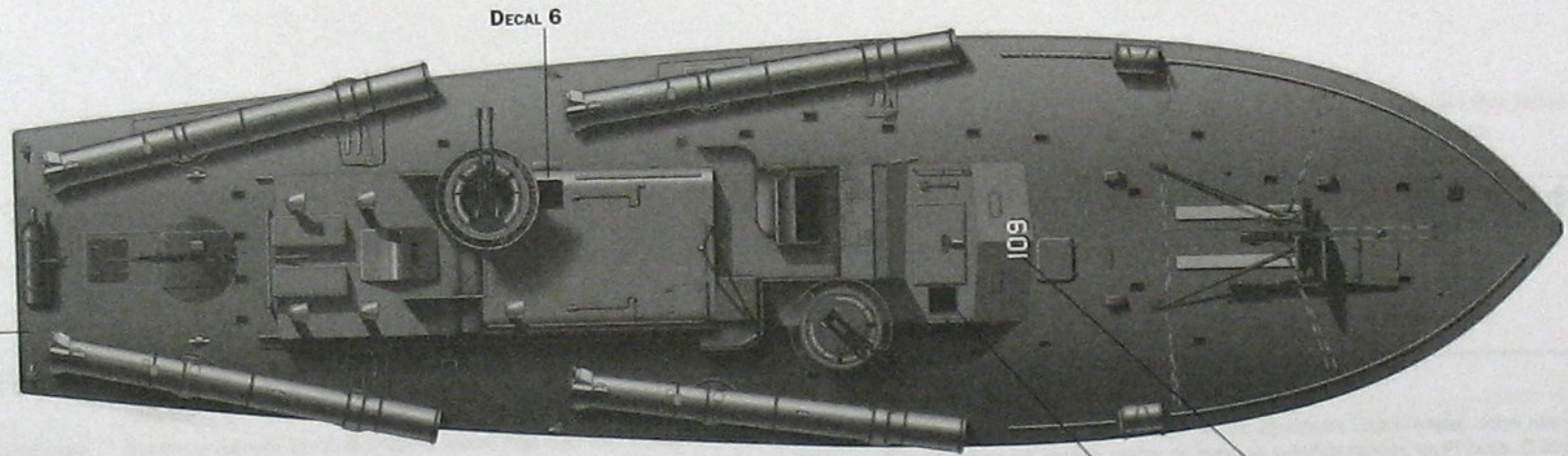
Anweisungen für Abziehbilder-Anbringung: Die benötigten Abziehbilder vom Blatt abscheiden, in ein Glas reines Wasser für etwa 10" eintauchen, auf das Modell legen und dann vom Papierbogen abnehmen. Um eine bessere Haftung zu erzielen, die Abziehbilder mit einem reinen Tuch andrücken.

Instruction pour l'application des décalcomanies: Couper les décalcomanies choisies et les plonger environ 10" dans un peu d'eau propre. Les placer sur le modèle en les faisant glisser de leur feuille et presser avec un morceau de chiffon pour éliminer les bulles d'air.

Istruções Para la aplicación de las calcomanías: cortar las requeridas, sumergirlas en un recipiente de agua limpia durante 10", colocar las calcomanías sobre el modelo, haciéndolas deslizar sobre el papel. Para una mejor adherencia, presionarlas con un trapico limpio.

Transfer: knip het benodigde deel uit, demp het ca. 10" in water, duid het transfer tegen het model en schuif het van het papier op zijn plaats. Met een schoon doekje aanraken.

Указания по применению декалей: Отковырните выделенные участки листа, погрузите их на 10 минут в чистую воду, затем наложите их на модель, проводя по ней пальцем, удаляя декаль от бумаги. Для лучшего прилипания промокните декаль чистой тряпочкой.



FLAT MEDIUM GREEN
F.S. 34102
MODEL MASTER - 1713
ITALERI ACRYLICPAINT - 4734AP

DECAL 6

109

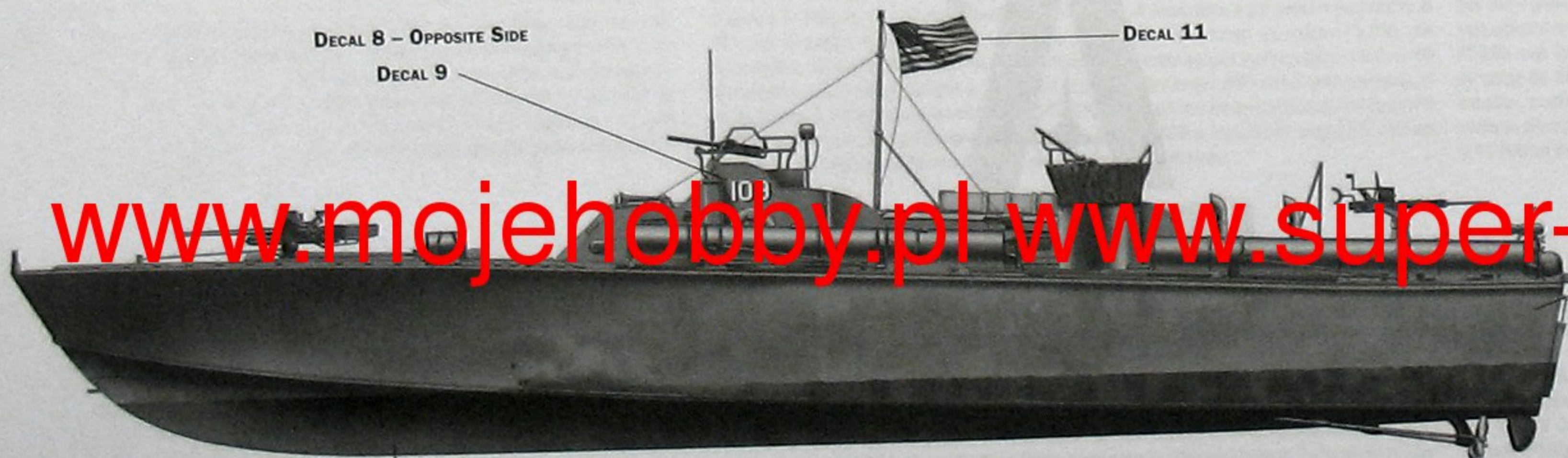
DECAL 8 - OPPOSITE SIDE

DECAL 9

DECAL 11

DECAL 6

DECAL 9



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FLAT MEDIUM GREEN
F.S. 34102
MODEL MASTER - 1713
ITALERI ACRYLICPAINT - 4734AP

FLAT RED
F.S. 31400
MODEL MASTER - 1550
ITALERI ACRYLICPAINT - 4606AP

ALTERNATIVE

FLAT BLACK
F.S. 37038
MODEL MASTER - 1749
ITALERI ACRYLICPAINT - 4768AP

