

made in italy

1:35 scale

No 5602

# Elco 80' Torpedo Boat PT-596

UK

During the Second World War the U.S. Navy deployed a large amount of three types of motor torpedo boats: the Higgins measuring 78 feet and ELCO measuring 77 and 80 feet. Every model could be distinguished from the others, apart from by length, by configuration, weapons and various other details. The 80 foot ELCOs represented the most numerous class: they were realised in five series, for a total of about 300 examples Built in mahogany and pushed by three 1,350cv Packard 4M-2500 engines (taken to 1,500 in the latest series), these vessels easily exceeded 40 knots. The equipment and weapons were constantly updated and improved thanks to experience acquired in the field and the progressive change of role: with the progress of the conflict, in fact, the PT Boats left the original task of attacking and cutting off the traffic, taking on the role of gunships and operating in the proximity of the coast or in channels. The Italeri model reproduces the PT 596 and an 80-foot ELCO from the last batch produced.

F

Au cours de la Deuxième Guerre Mondiale, l'U.S.Navy déploya trois modèles des lance-torpilles de façon massive : le Higgins de 78 pieds, et le ELCO de 77 et 80 pieds. Chaque modèle était différent des autres, non seulement pour sa longueur, mais aussi pour l'aménagement, l'armement et d'autres détails secondaires. Les ELCO de 80 pieds représentèrent de loin le groupe le plus consistant, avec cinq séries réalisées pour atteindre environ 300 unités opératives. Fabriqués en acajou, et propulsés par trois moteurs Packard 4M-2500 de 1.350cv (ensuite augmentés à 1.500 pour les dernières séries), ces vaisseaux dépassaient aisément les 40 nœuds de vitesse. Les équipements et l'armement furent l'objet de maintes mises à jour et améliorations. Ceci grâce à l'expérience gagnée sur-le-champ, et au changement de rôle croissant. En effet, avec l'évolution du conflit, les PT Boat quittèrent leur tâche originaire qui était celle d'attaque et de fermeture du trafic en prenant le rôle de canonnières en agissant en proximité des côtes ou des canaux. Le modèle Italeri reproduit le PT 596, une ELCO 80 pieds du dernier lot produit.

I

Nel corso della Seconda Guerra Mondiale, l'U.S.Navy schierò in gran numero tre tipi di motosiluranti: le Higgins da 78 piedi, e le ELCO da 77 ed 80 piedi. Ogni modello si distingueva dagli altri, oltre che per la lunghezza, per la configurazione, l'armamento e vari altri dettagli. Le ELCO da 80 piedi rappresentarono di gran lunga il gruppo più numeroso: furono realizzate in cinque serie, per un totale di circa 300 esemplari. Costruite in mogano, e spinte da tre motori Packard 4M-2500 da 1.350cv (portati a 1.500 nelle ultime serie), queste imbarcazioni superavano agevolmente i 40 nodi. Le dotazioni e l'armamento furono continuamente aggiornate e migliorate grazie all'esperienza acquisita sul campo, ed al progressivo cambiamento di ruolo: con il progredire del conflitto, infatti, le PT Boat lasciarono l'originario compito di attacco ed interdizione del traffico, assumendo quello di cannoniere, ed operando in prossimità della costa o in canali. Il modello Italeri riproduce la PT 596, una ELCO 80 piedi dell'ultimo lotto prodotto.

D

Im Laufe des Zweiten Weltkriegs verwendete die US Navy eine große Anzahl an Schnelltorpedobooten der folgenden drei Typen: die Higgins-Modelle zu 78 Fuß und die ELCO-Modelle zu 77 und 80 Fuß. Jedes Modell war unterschiedlich, und zwar hinsichtlich der Länge, der Ausstattung, der Bewaffnung und hinsichtlich verschiedener Details. Die ELCO-Modelle zu 80 Fuß stellten bei weitem die größte Flotte dar. Sie wurden in fünf Serien mit einer Gesamtzahl von etwa 300 Exemplaren hergestellt. Diese Wasserfahrzeuge aus Mahagoniholz wurden von drei Motoren des Typs Packard 4M-2500 zu 1350 PS (in den letzten Serien auf 1500 PS erhöht) angetrieben und überschritten leicht 40 Knoten. Die Ausstattung und die Bewaffnung wurden aufgrund der branchenspezifischen Erfahrung und der fortschreitend wechselnden Rolle des Boots ständig aktualisiert und verbessert. Mit dem Fortschreiten des Konflikts nämlich wurden die PT-Boat-Modelle nicht mehr wie ursprünglich für den Angriff oder für Abfangaktivitäten, sondern als Kanonenboote verwendet; sie fuhren daher in Küstennähe oder in Kanälen. Das Modell „Italeri“ ist ein Nachbau der PT 596, eines ELCO-Modells zu 80 Fuß aus der letzten Produktion.

E

En el transcurso de la Segunda Guerra Mundial, la Armada de los Estados Unidos desplegó un gran número de destructores, de tres tipos: los Higgins de 78 pies, y los ELCO de 77 y de 80 pies. Cada modelo se distinguía de los otros, además de su eslora, por su configuración, el armamento y otros detalles. Los ELCO de 80 pies fueron, con mucha diferencia, el grupo más numeroso: se construyeron cinco series, con un total de 300 unidades. Fabricadas con caoba, y dotadas de tres motores Packard 4M-2500 de 1.350cv (aumentados a 1.500 en las últimas series), estas embarcaciones superaban tranquilamente los 40 nudos. Su equipamiento y armamento fueron continuamente actualizados y mejorados gracias a la experiencia adquirida en el campo de batalla, y a su paulatino cambio de cometido: al avanzar el conflicto los PT Boat abandonaron su función original de ataque y obstaculización de paso, asumiendo el de torpederas, operando en las proximidades de la costa o en los canales. El modelo Italeri reproduce el PT 596, un buque ELCO de 80 pies perteneciente al último lote producido.

NL

GEDurende de tweede wereldoorlog, stelde de U.S.Navy een groot aantal van drie soorten motor torpedo boten in slagorde op: de Higgins van 78 voet, en de ELCO's van 77 en 80 voet. Elk model onderscheidde zich van de andere, niet alleen door de verschillende lengte maar ook door de configuratie, de bewapening en verschillende andere details. De ELCO's van 80 voet, maakten verreweg de grootste groep uit: ze werden in vijf series verwezenlijkt voor een totaal van ongeveer 300 exemplaren. Ze werden gebouwd in mahoniehout en aangedreven door drie Packard 4M-2500 motoren, van 1.350pk (in de laatste serie tot op 1.500 gebracht). Deze schepen overtroffen zonder inspanning de 40 knopen. De uitrusting en de bewapening werden voortdurend geactualiseerd en verbeterd, dankzij de ervaring verworven in deze branche, en ook door de geleidelijke rolverandering. Inderdaad, gedurende de verdere ontwikkeling van het conflict, lieten de PT Boat hun oorspronkelijke aanvalsopdrachten en hun taak het verkeer te verbieden opzij, en aanvaarden de rol van kanonnier. Ze werkten nu in de nabijheid van de kust of in de kanalen. Het model Italeri reproduceert de PT 596, een ELCO van 80 voet, behorende tot de laatste partij die geproduceerd werd.

**ATTENZIONE - Consigli utili!**  
Prima di iniziare il montaggio studiare attentamente il disegno. Staccare con molta cura i pezzi delle stampate, usando un tagliabalsa oppure un paio di forbici e togliere con una piccola lima o con carta vetrata fine eventuali sbavature. Mai staccare i pezzi con le mani. Montarli seguendo l'ordine delle numerazioni delle figure. 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. A - B - C... Le lettere ai lati dei numeri indicano la stampata ove si trova il pezzo da montare. I pezzi sbarrati da una croce non sono da utilizzare.

**ATENCIÓN - 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 rebaba. No arrancar las piezas. Montar las piezas en orden numérico. Hacer una X encima del número del pieza plástico y en poca cantidad para evitar que se dañe 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. A - B - C... Las letras indican en qué bandeja se encuentran las piezas. Puntar las piezas pequeñas antes de separarlas de la bandeja. Retirar la pintura de los lugares por donde se deben pegar las piezas.

**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 nagelnaag. Verwijder daarna al het overbodige plastic en pas de delen afvoeren te lijnen. Gebruik alleen lijn voor plastic modellen. Wees zorgvuldig en spaarsam, te veel lijn zal uw model beschadigen. Zwaarte pijlen duiden de te lijmen delen aan. Witte pijlen verwijzen naar bewegende delen welke niet mogen worden gelijmd. A - B - C... Deze letters 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.

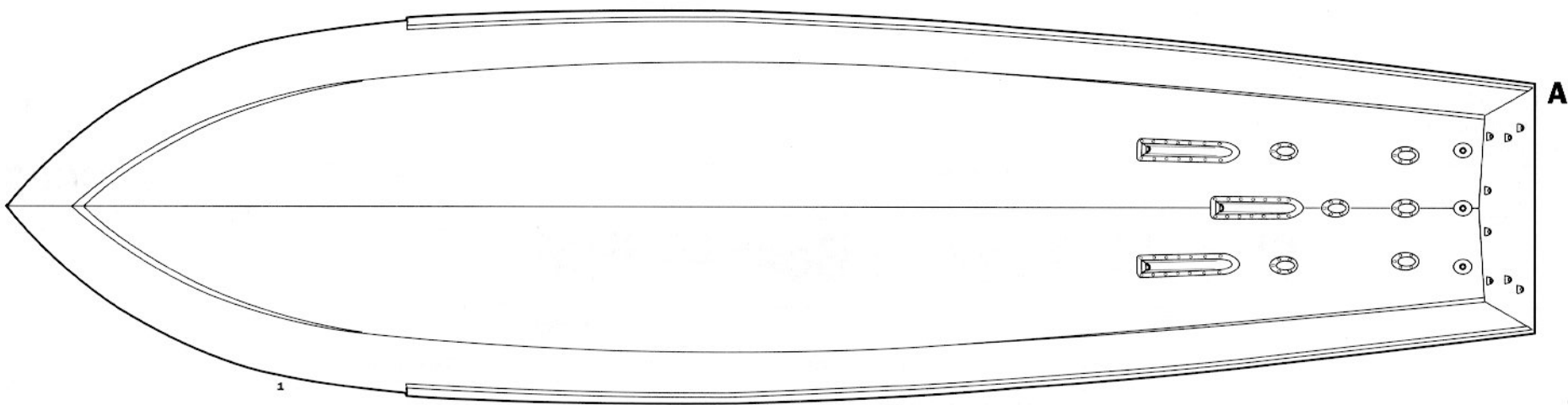
**ATTENTION - Conseils utiles!**  
Avant de commencer le montage, étudier attentivement le dessin. Détacher avec beaucoup de soin les morceaux des moules en usant un massicot ou bien un pair de ciseaux et couper avec une petite lame avec de papier de verre fin éventuelles bavures. Ne jamais arracher les morceaux avec les mains. Monter les en suivant l'ordre de la numérotation des bases. Éliminer de la moule le numéro de la pièce qui vient d'être montée, en le biflant 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 polystyrène. A - B - C... Les lettres aux côtés des numéros indiquent la moule où se trouve la pièce à monter. Les pièces marquées par une croix ne sont pas à utiliser.

**ATTENTION - Useful advice!**  
Study the instructions carefully prior to assembly. Remove parts from frame with a sharp knife or a pair of scissors 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. A - B - C... These letters 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.

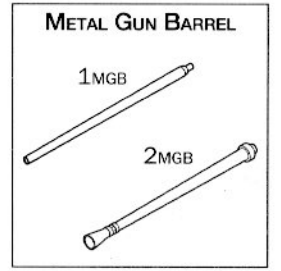
**HUOMIO - Käytännöllisiä neuvoja!**  
Lue kokoonpano-ohjeita tarkkaan ennenkuin aloitat. Irrota osat esikartellu-veitsillä tai sakseilla ja poista ylimääräiset osat: hiiskapaperilla. Älä irrota osia voimalla vaan vain varovasti. Asenna osat numeraal järjestyksessä. Käytä vain muoviliimaa ja säästävääsi työtä. Työskyttele alkoasensimiseksi. Mustat nuolet merkitsevät saumojen ilmausta. Valkoiset nuolet taas ettei liimaa käytetä. A - B - C... Nämä kirjaimet osoittavat millä levyillä osat ovat. Ristillä merkityt osat ei käytetä. Pienet osat kannattaa maalata ennen irrottamista. Muista poistaa maali ja kromaus ilmuusohjeista.

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

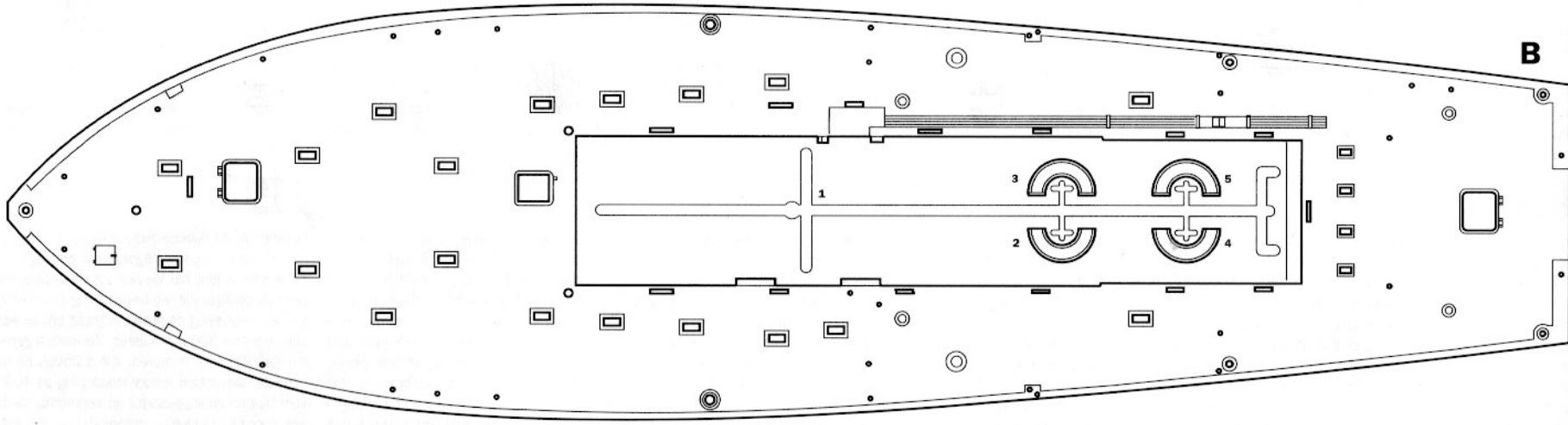
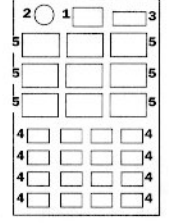
**OBSI helga gods rådg.**  
Innan man börjar bygga modellen skall man noggrann studera ritningen samt de små korten över att alla delarna finns med. Alla snickerier skall målas med en schar eller ett sandpapper. Brott skall inte tas bort med händerna utan med ett skar eller fint sandpapper. Inom alla delnumreringen skall man inte använda kraft. Använd endast lim till plast. Svarta pilarna visar på delarna som skall klistras ihop. Vita pilarna visar på delarna som skall monteras utan lim. Använd endast lim avsett för polystyren. A - B - C... Bokstäverna visar på vilken ram man finner delen. Överskåda delar skall ej användas.



**A**

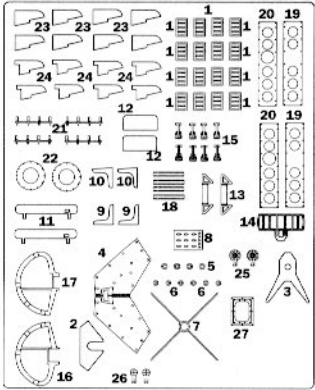


**Clear Sheet**

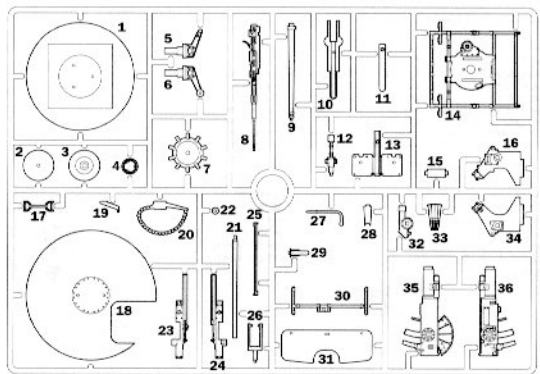


**B**

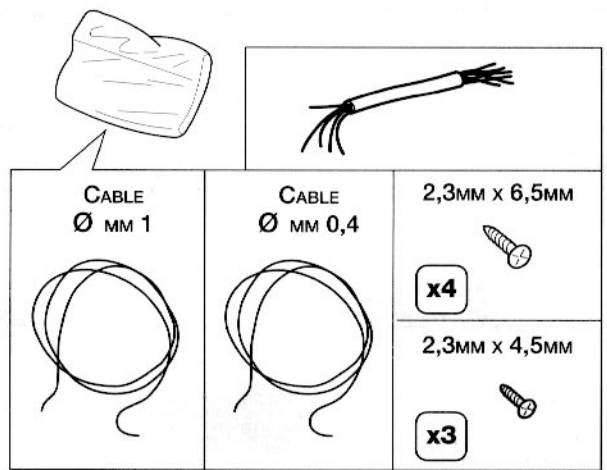
**Photoetched Fret**



**PH**



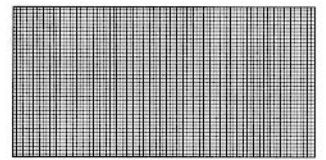
**F**



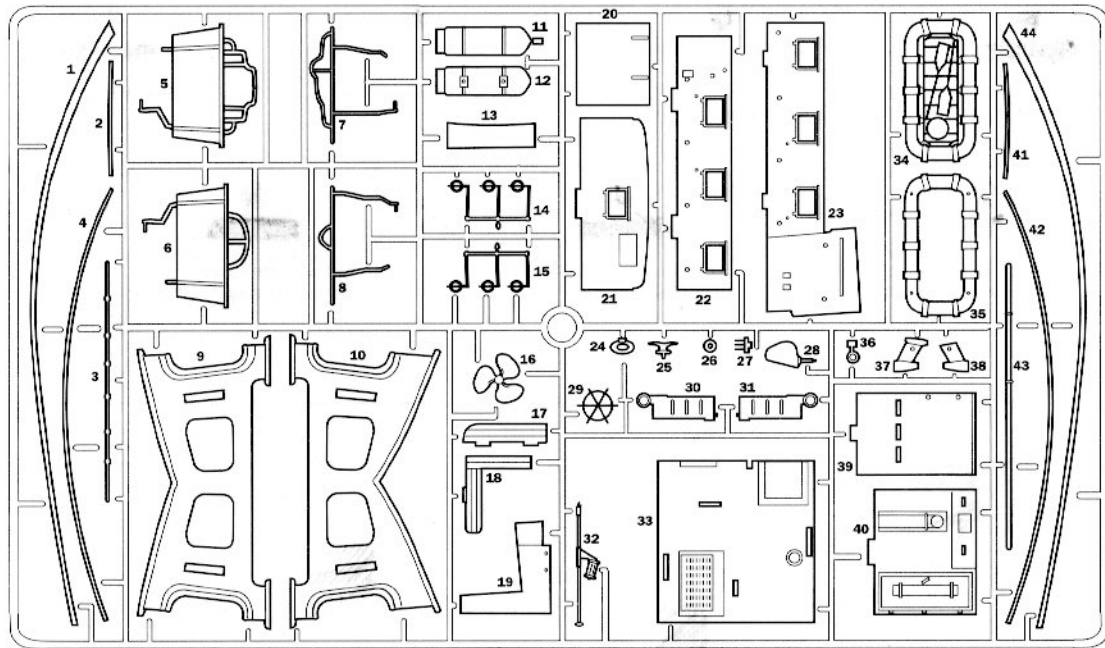
  
**APRIRE I FORI**  
**DRILL HOLES**  
**DIE LOCHER AUSBOHREN**  
**OUVRIR LES TROUS**  
**PERFORAR LOS AGUJEROS**  
**BOOR GAATJES**

  
**CUT**  
**ENTFERNEN**  
**RETIRER**  
**SEPARARE**

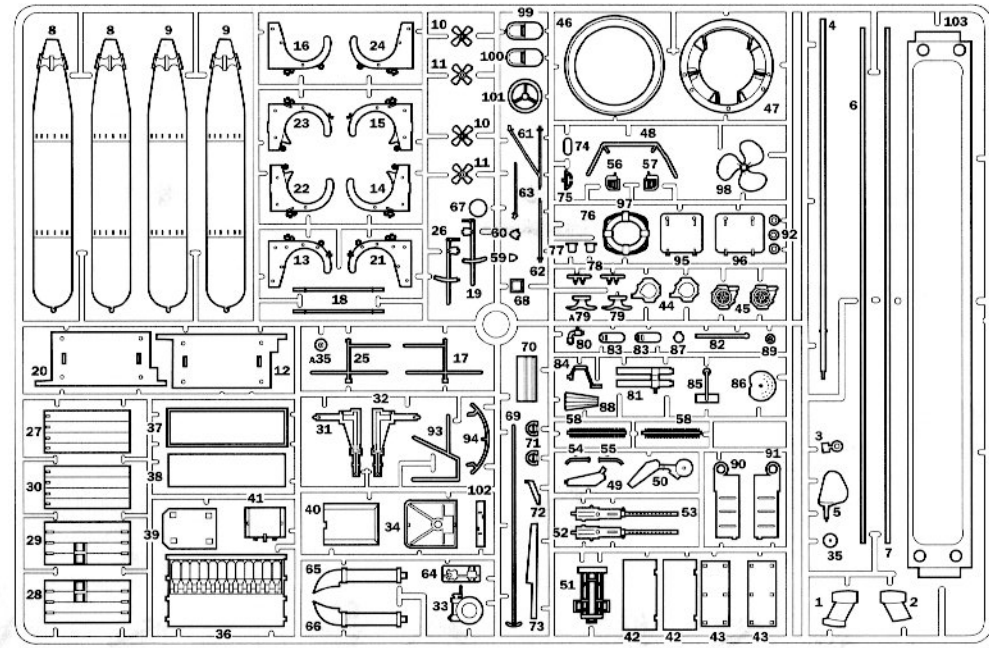
  
**Parts not for use**  
**Telle werden nicht verwendet**  
**Parti da non utilizzare**  
**Pièces à ne pas utiliser**



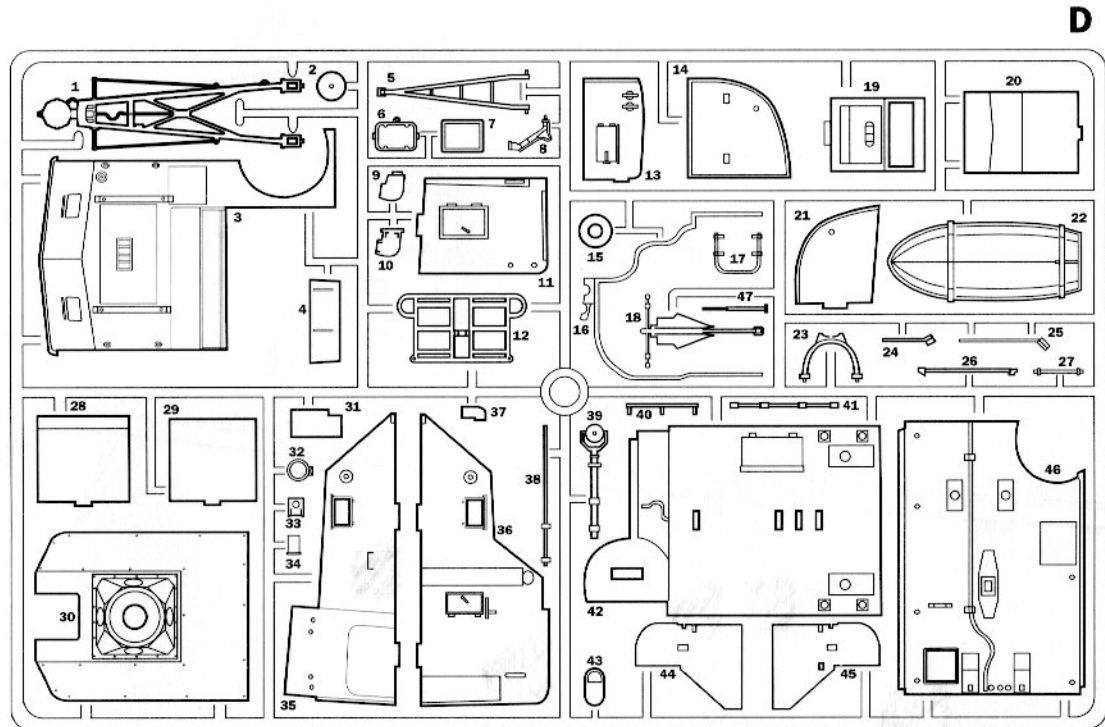
**NET**



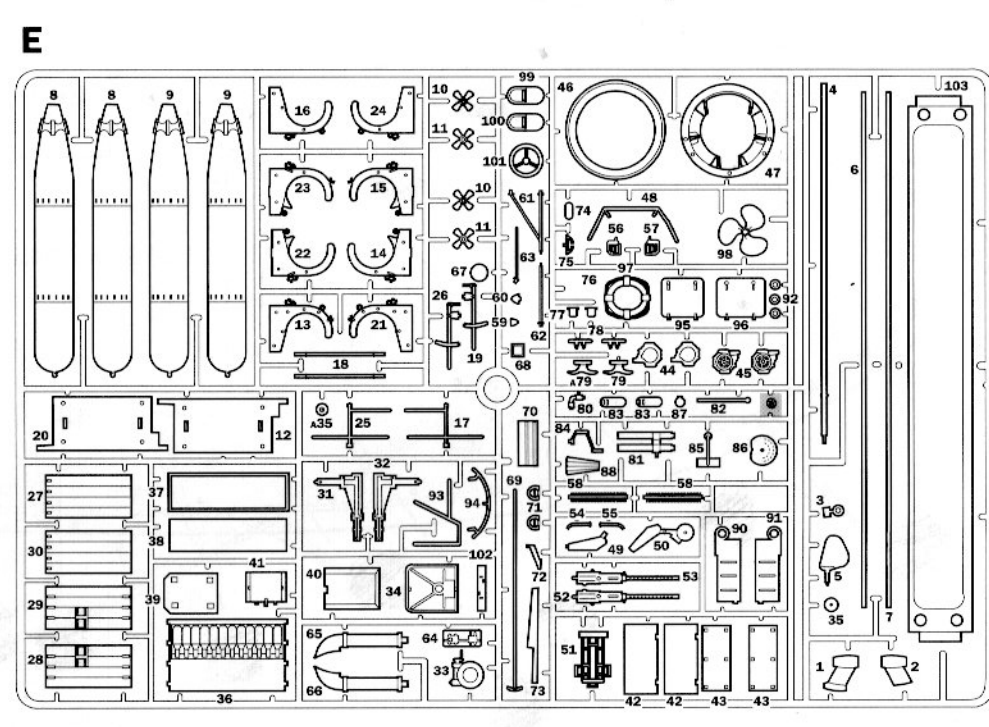
C



E



D



E

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

**A**  
**BLACK (FLAT)**  
 F.S. 37038  
 MODEL MASTER - 1749  
 MODEL MASTER ACRYL - 4768

**B**  
**BLACK (FLAT)**  
 MODEL MASTER - 1735  
 MODEL MASTER ACRYL - 4673

**C**  
**GUN METAL (METALIZER)**  
 MODEL MASTER - 1405  
 MODEL MASTER ACRYL - 4681

**D**  
**BRIGHT BRASS (SEMI-GLOSS)**  
 MODEL MASTER - 1782  
 MODEL MASTER ACRYL - 4672

**E**  
**YELLOW (FLAT)**  
 MODEL MASTER - 1569

**F**  
**STEEL (SEMI-GLOSS)**  
 MODEL MASTER - 1780  
 MODEL MASTER ACRYL - 4679

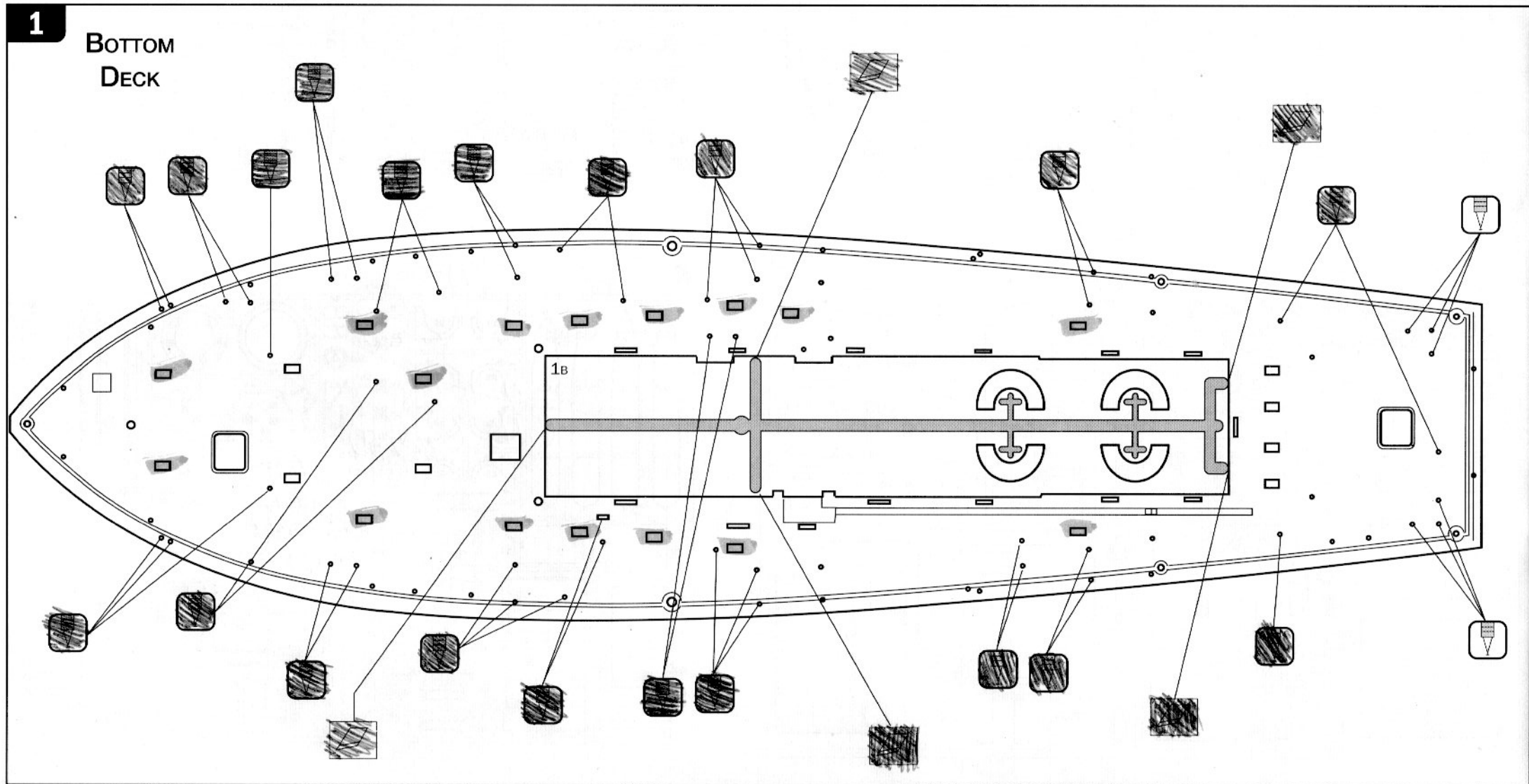
**G**  
**ORANGE (GLOSS)**  
 F.S. 12197  
 MODEL MASTER - 1527  
 MODEL MASTER ACRYL - 4682

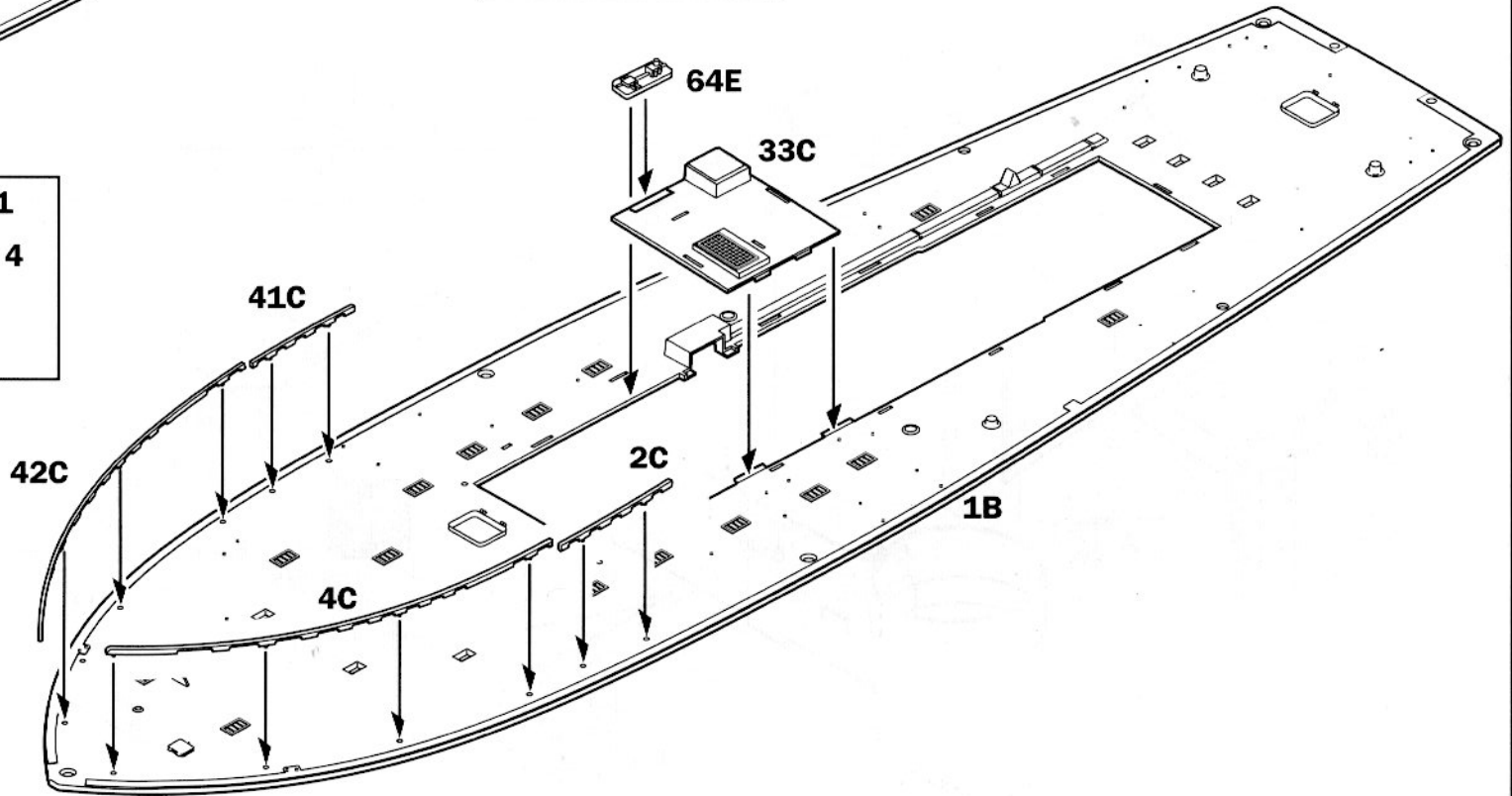
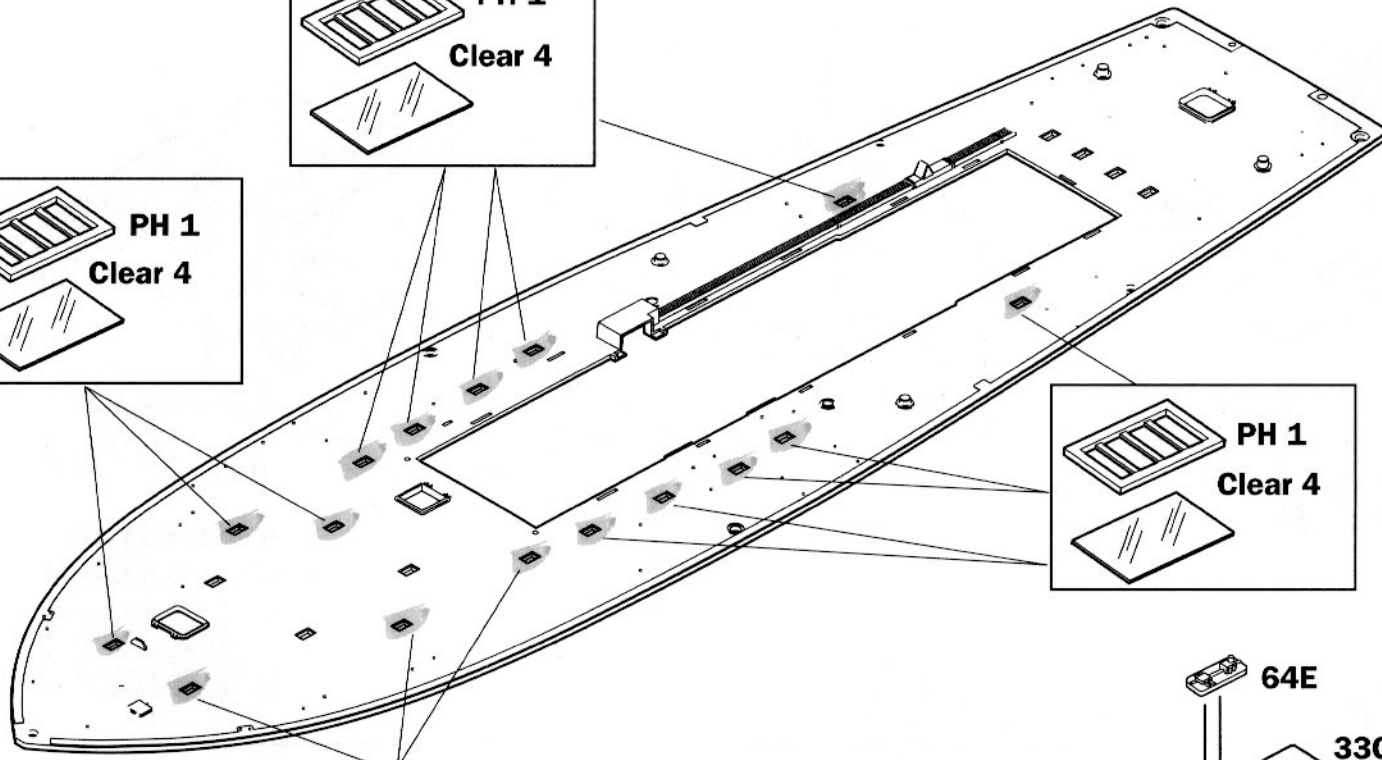
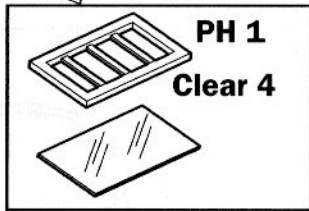
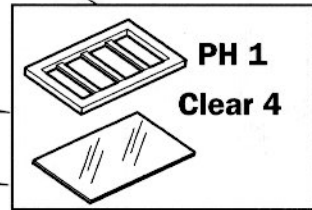
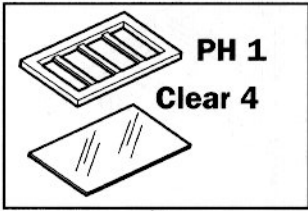
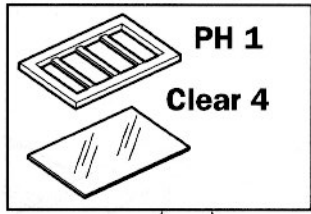
**H**  
**LIGHT GHOST GRAY (FLAT)**  
 F.S. 36375  
 MODEL MASTER - 1728  
 MODEL MASTER ACRYL - 4762

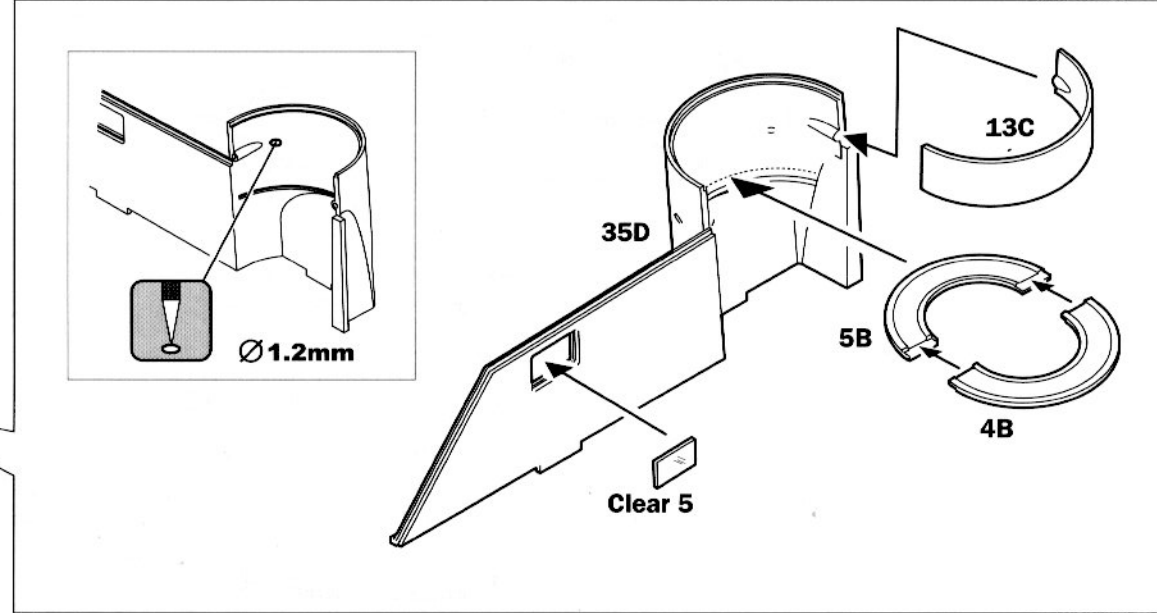
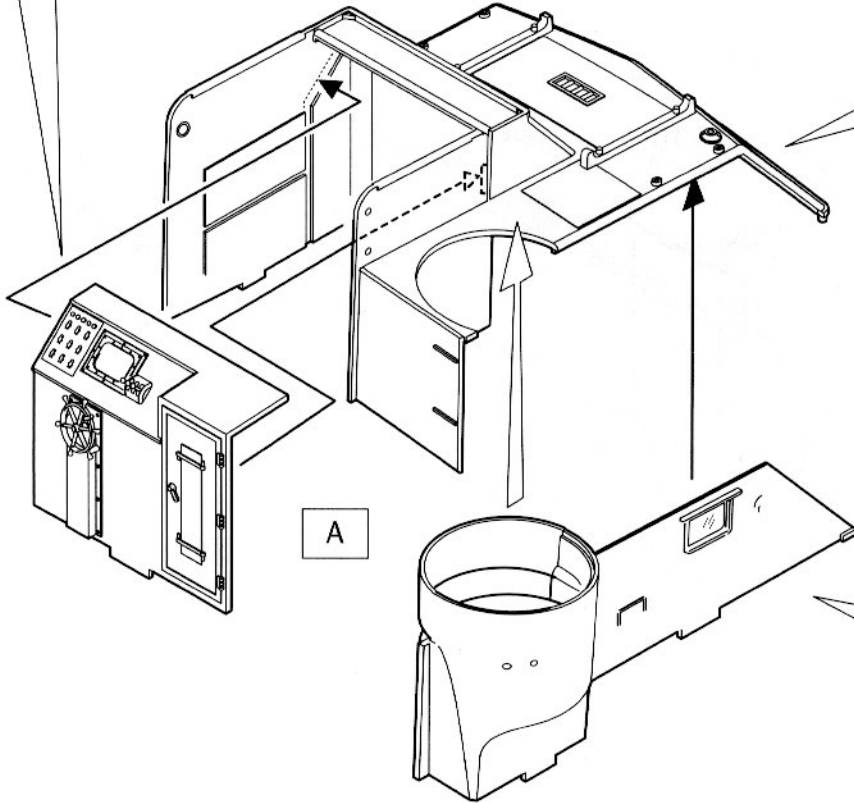
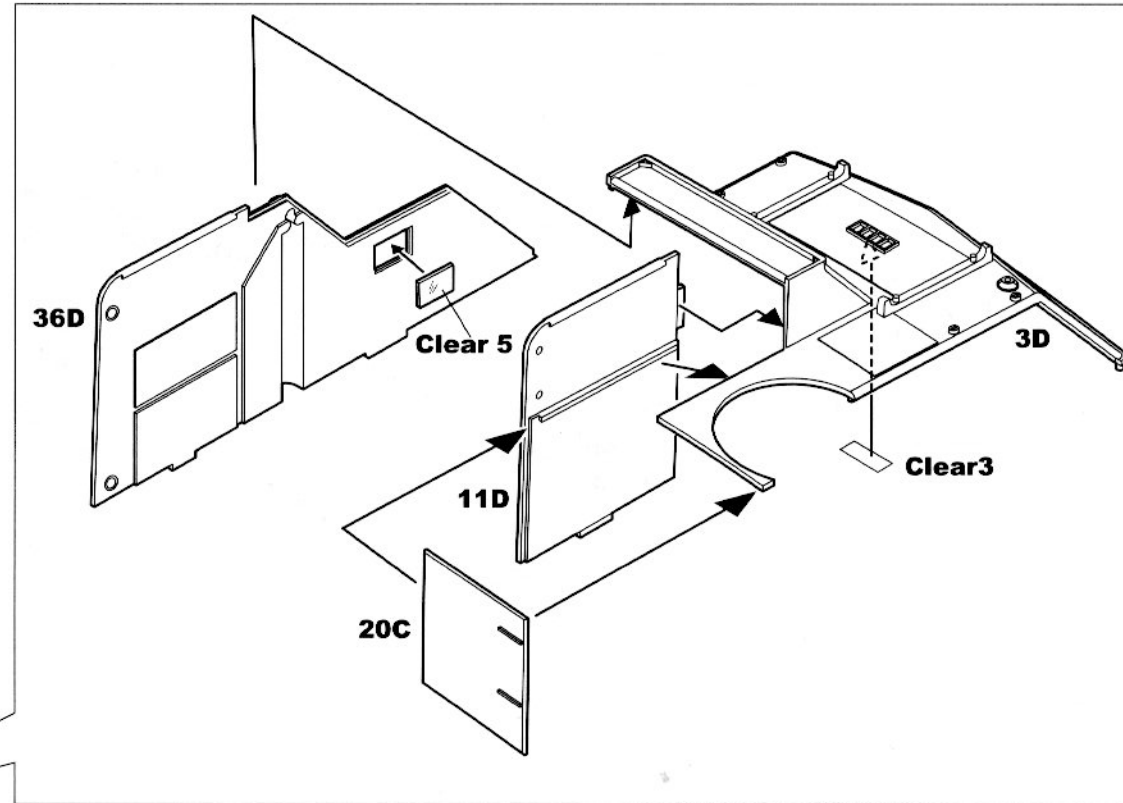
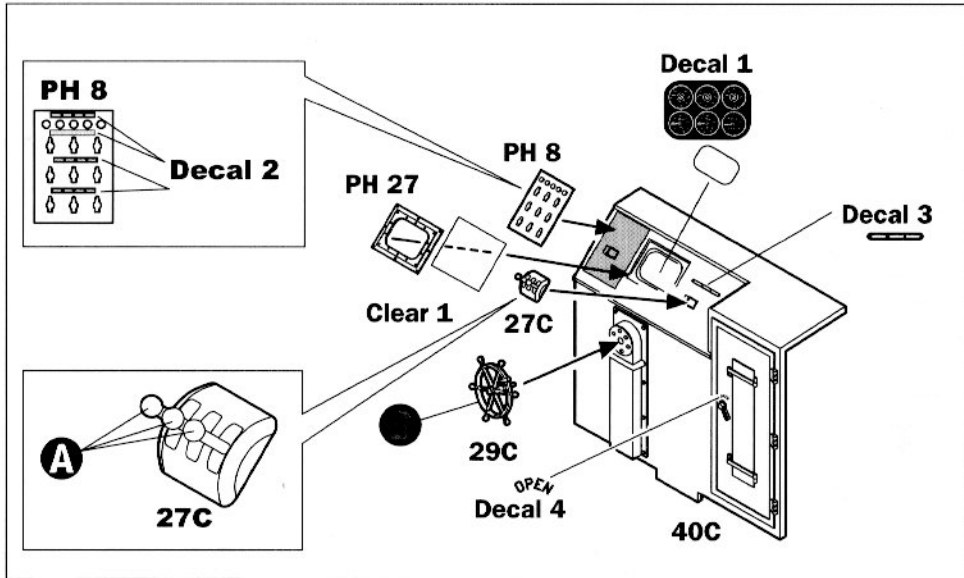
**I**  
**SILVER**  
 MODEL MASTER - 1546  
 MODEL MASTER ACRYL - 4678

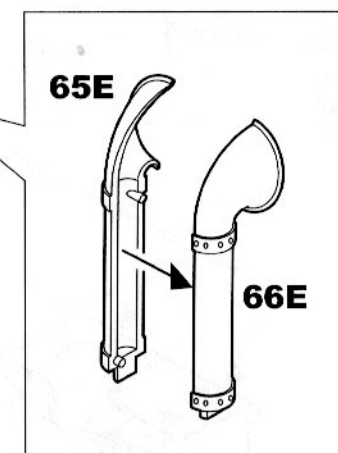
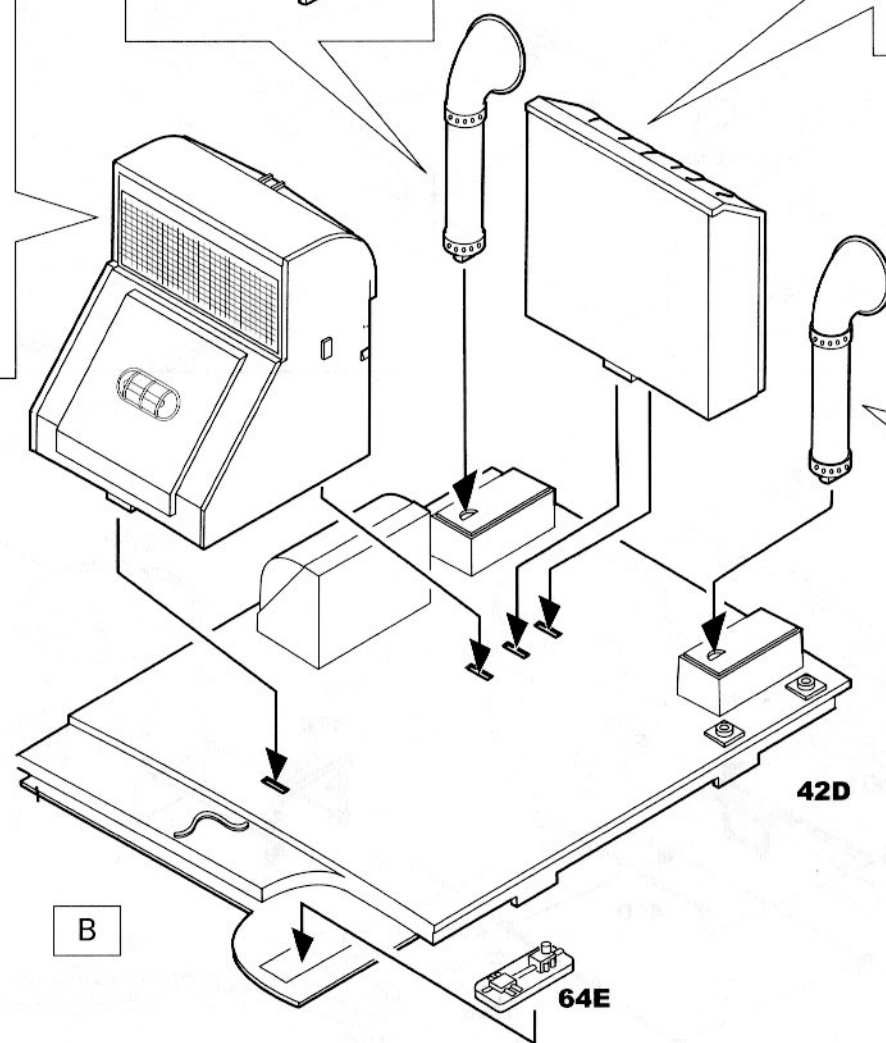
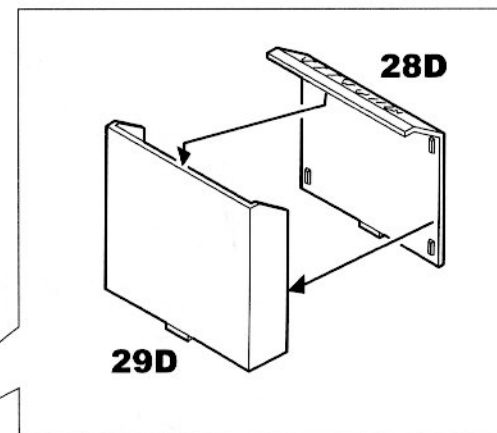
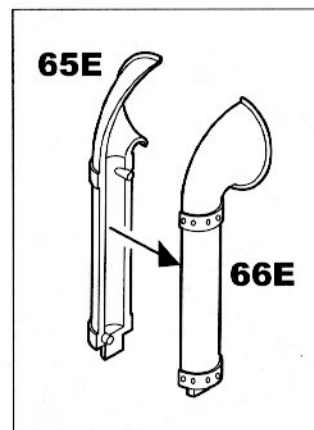
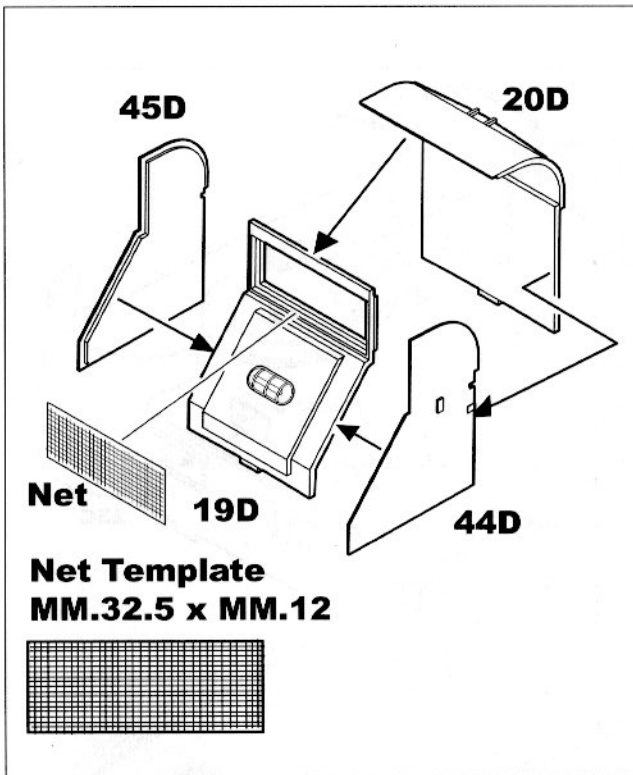
**J**  
**BLACK (FLAT)**  
 MODEL MASTER - 1510  
 MODEL MASTER ACRYL - 4658

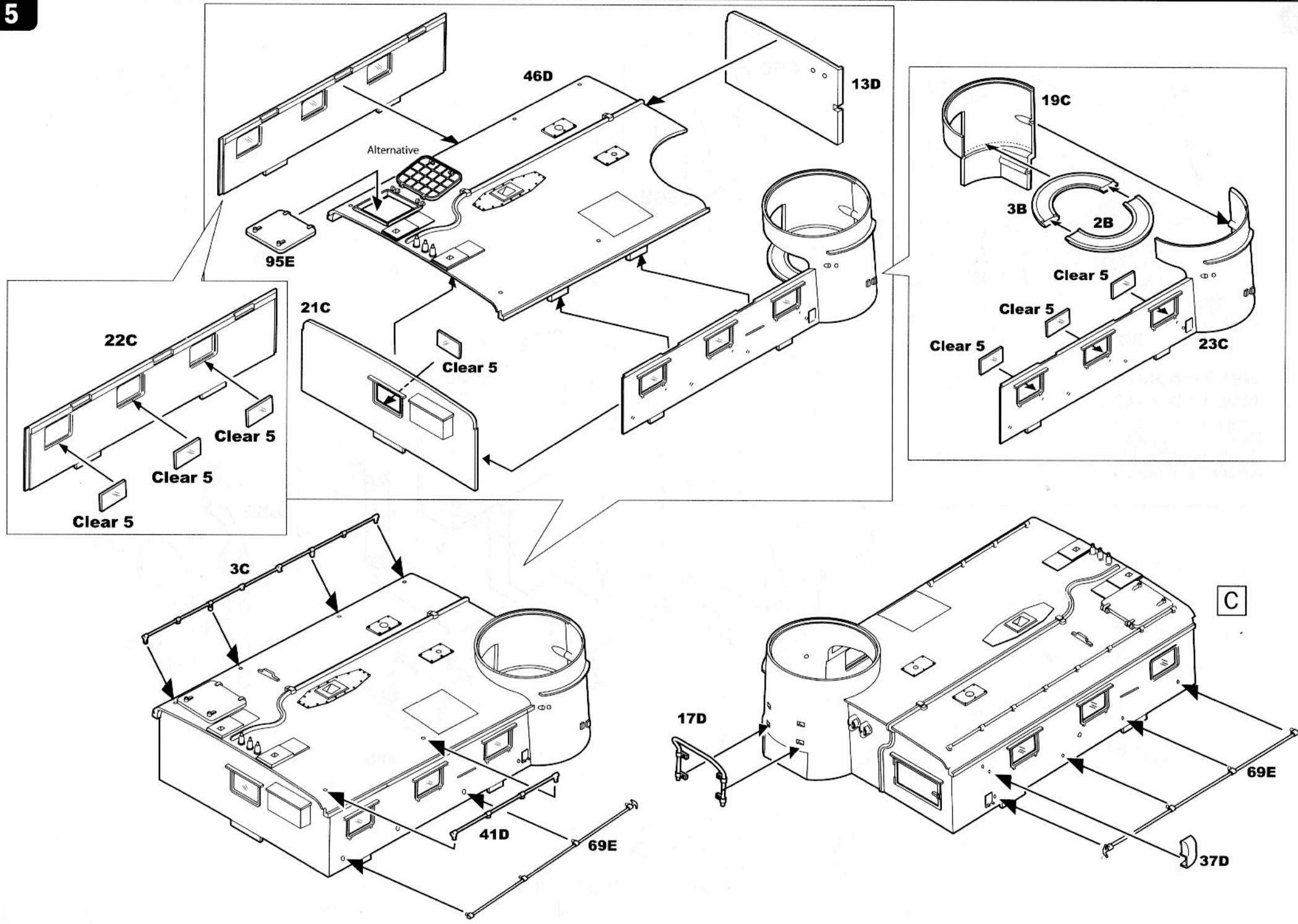
**K**  
**RED (GLOSS)**  
 MODEL MASTER - 1503  
 MODEL MASTER ACRYL - 4630



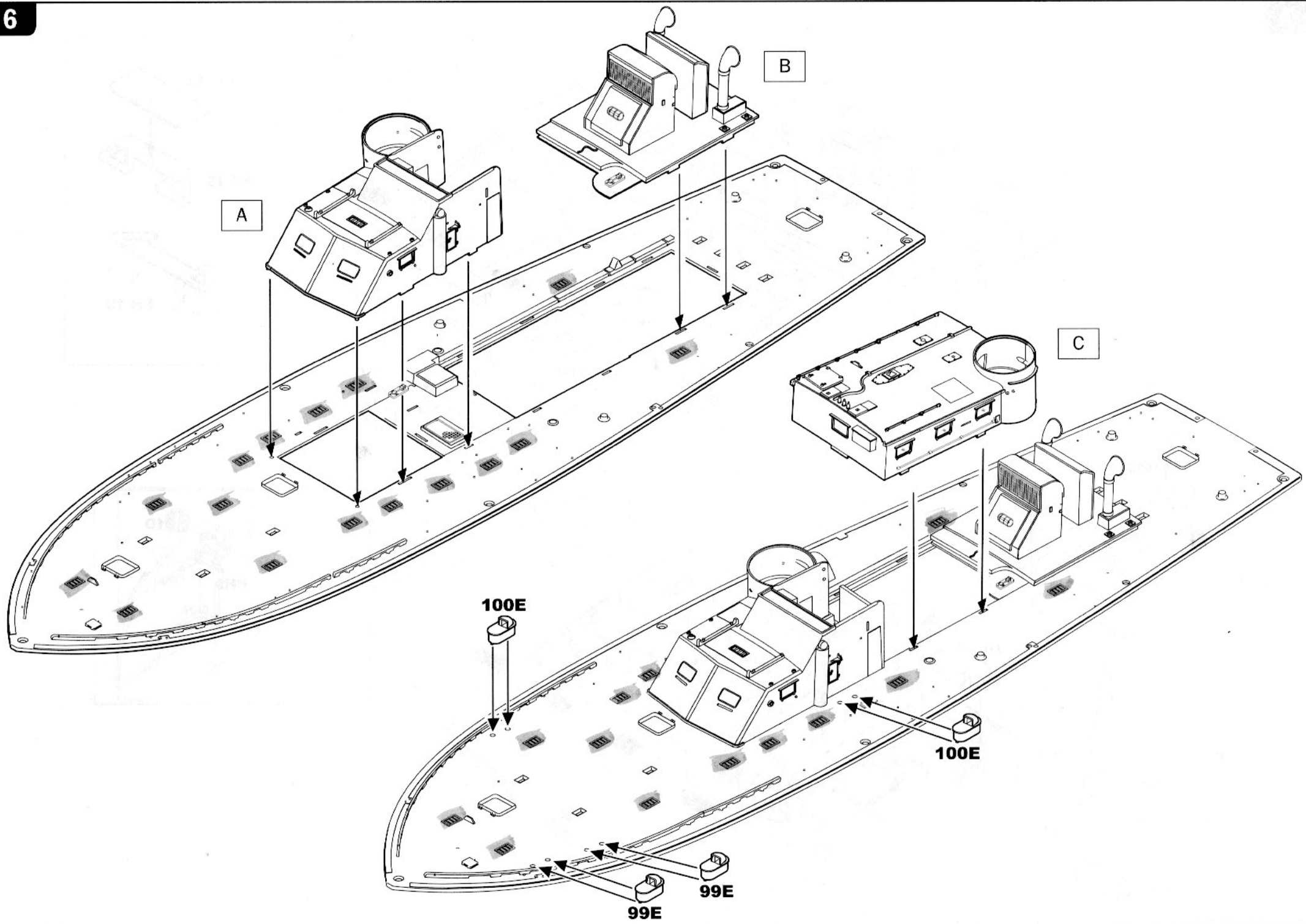


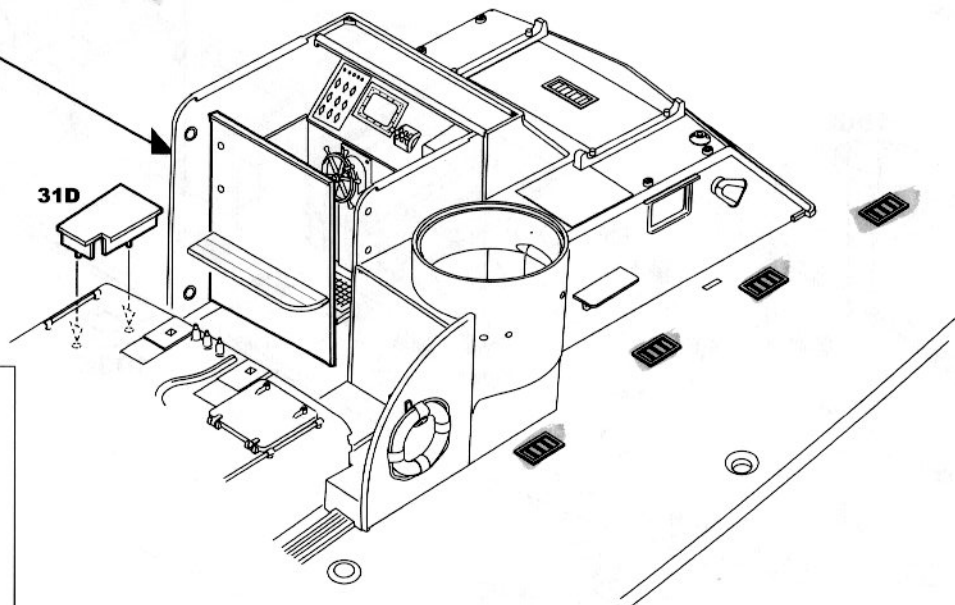
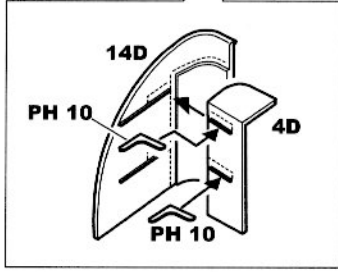
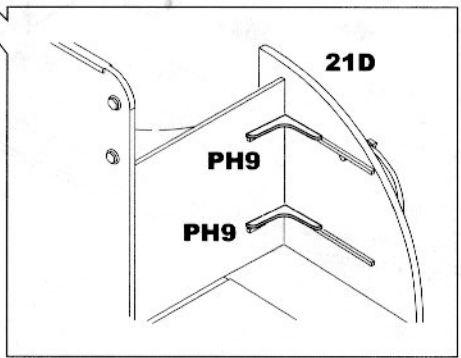
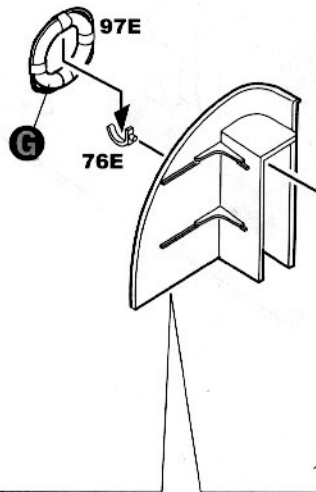
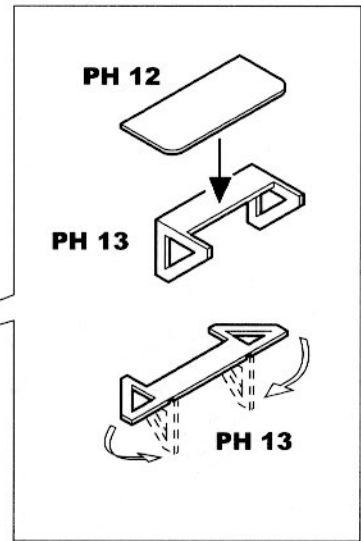
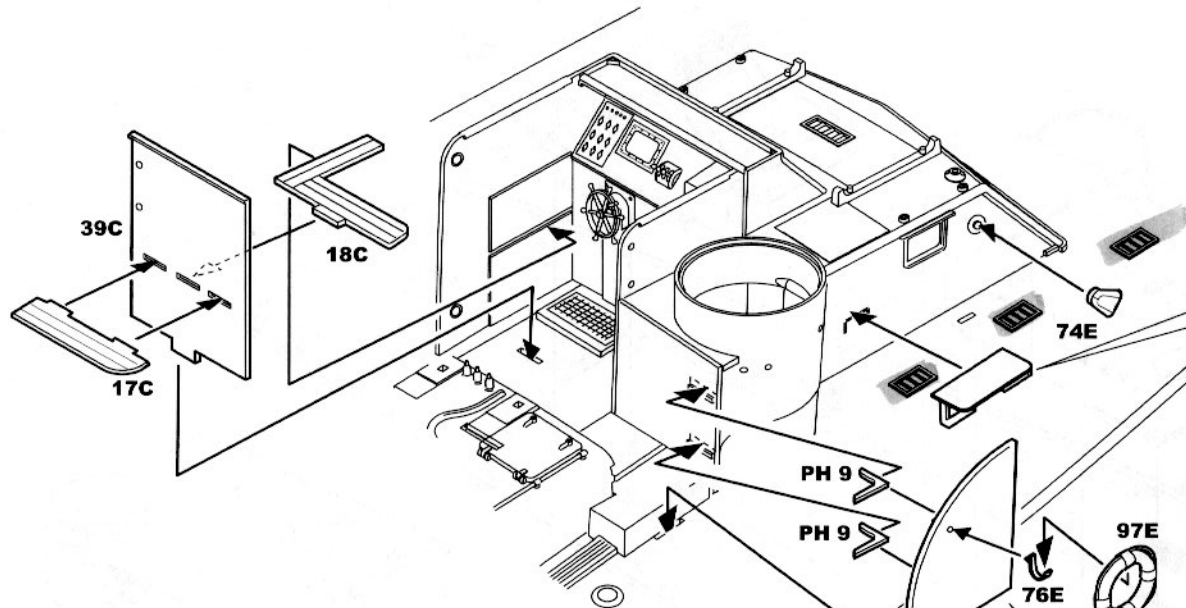


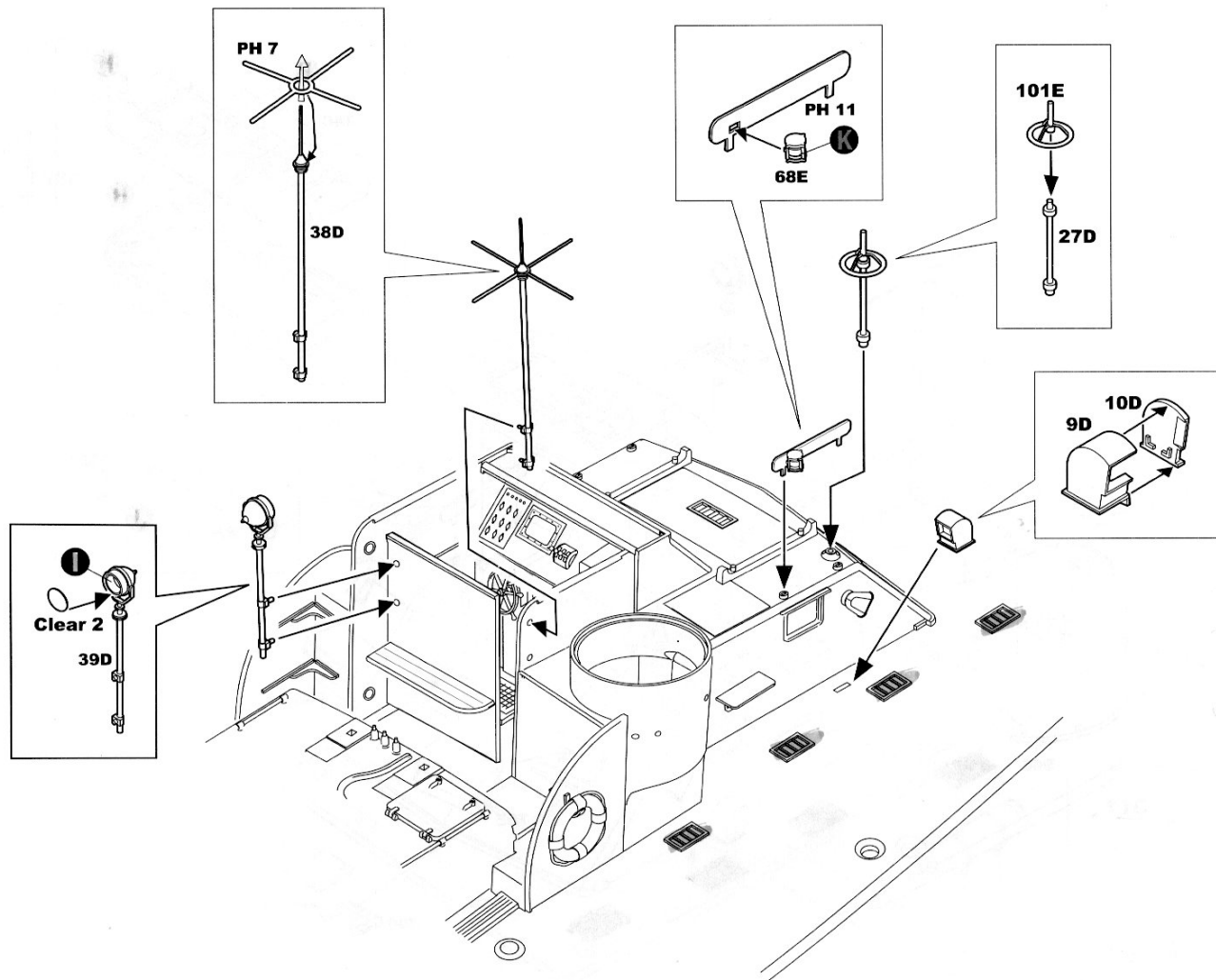


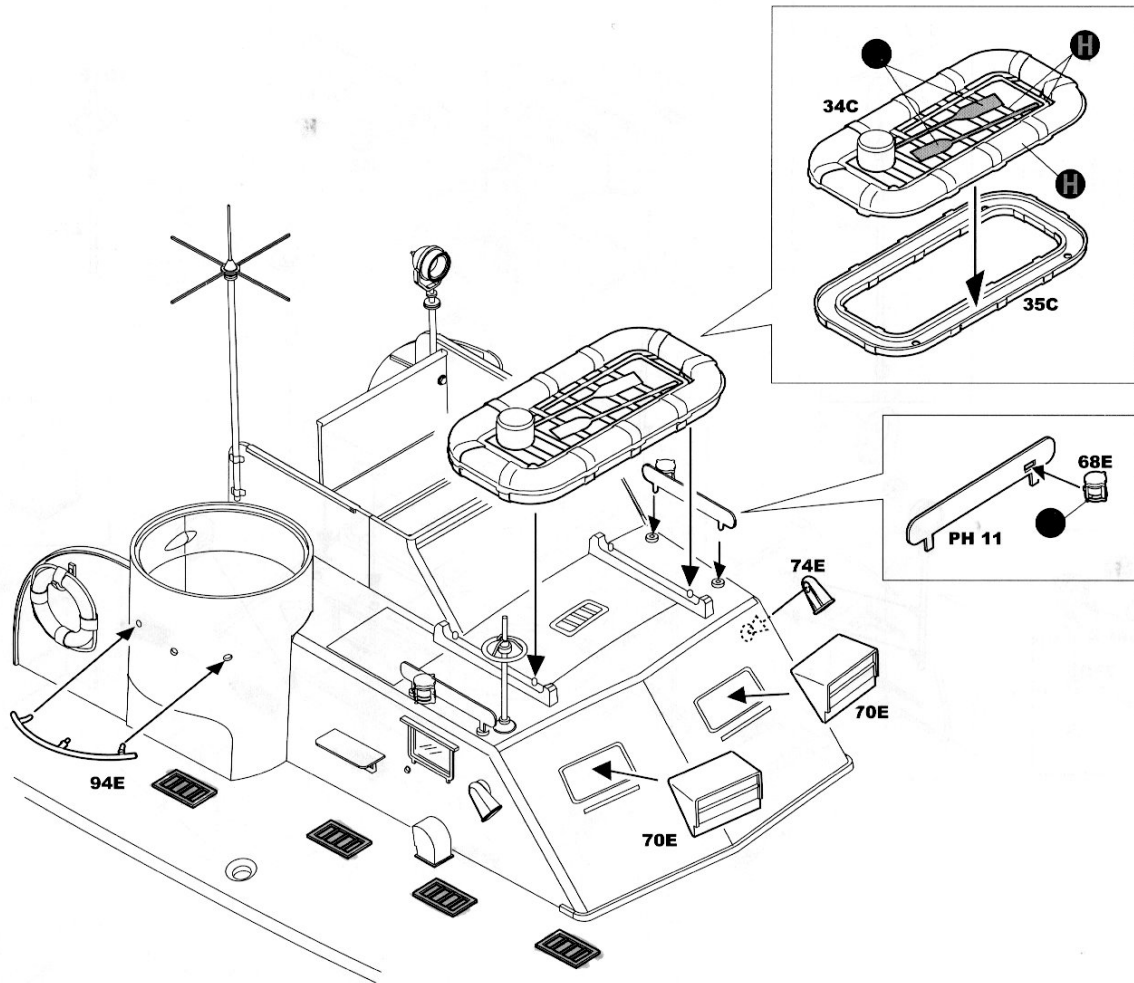


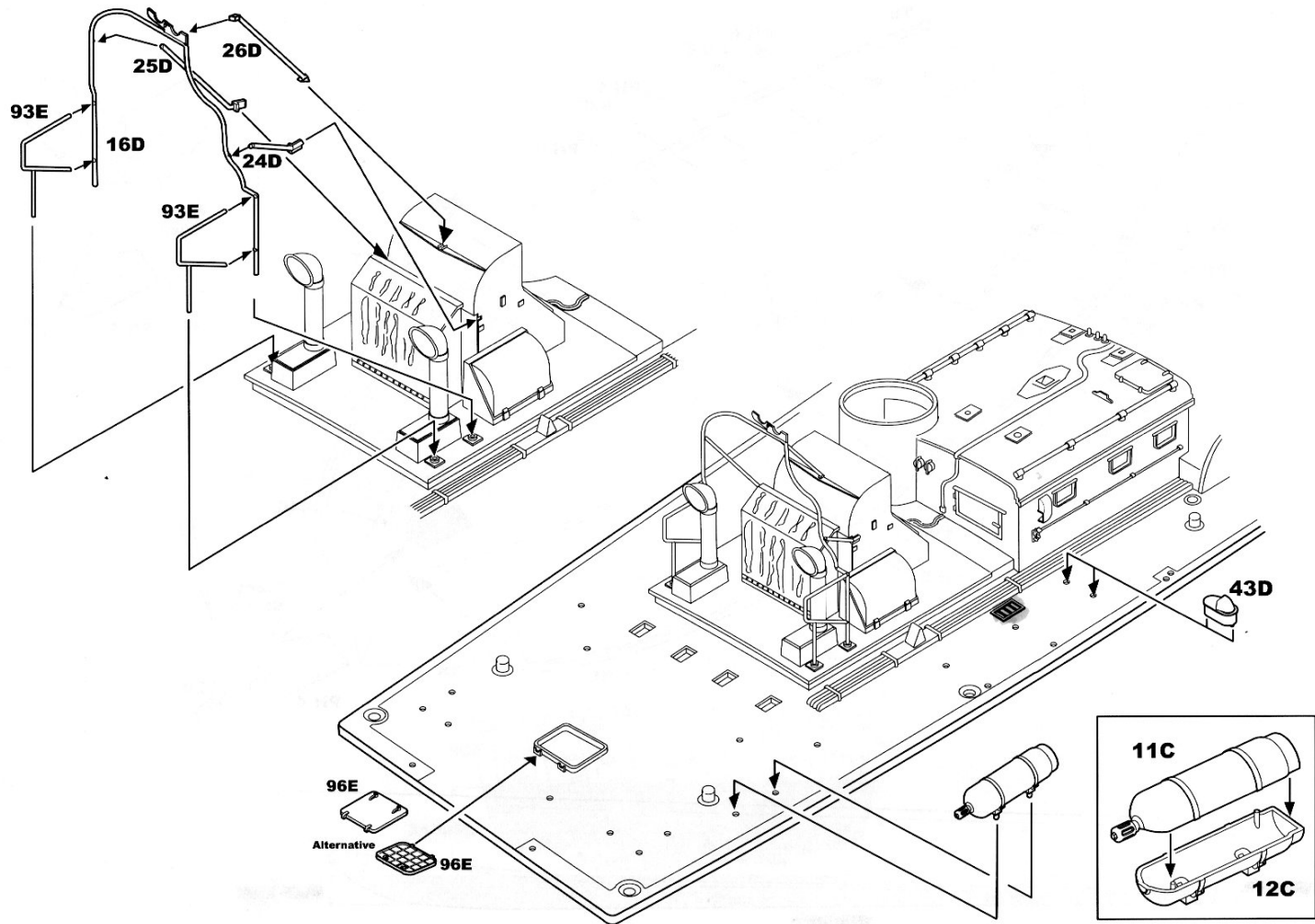


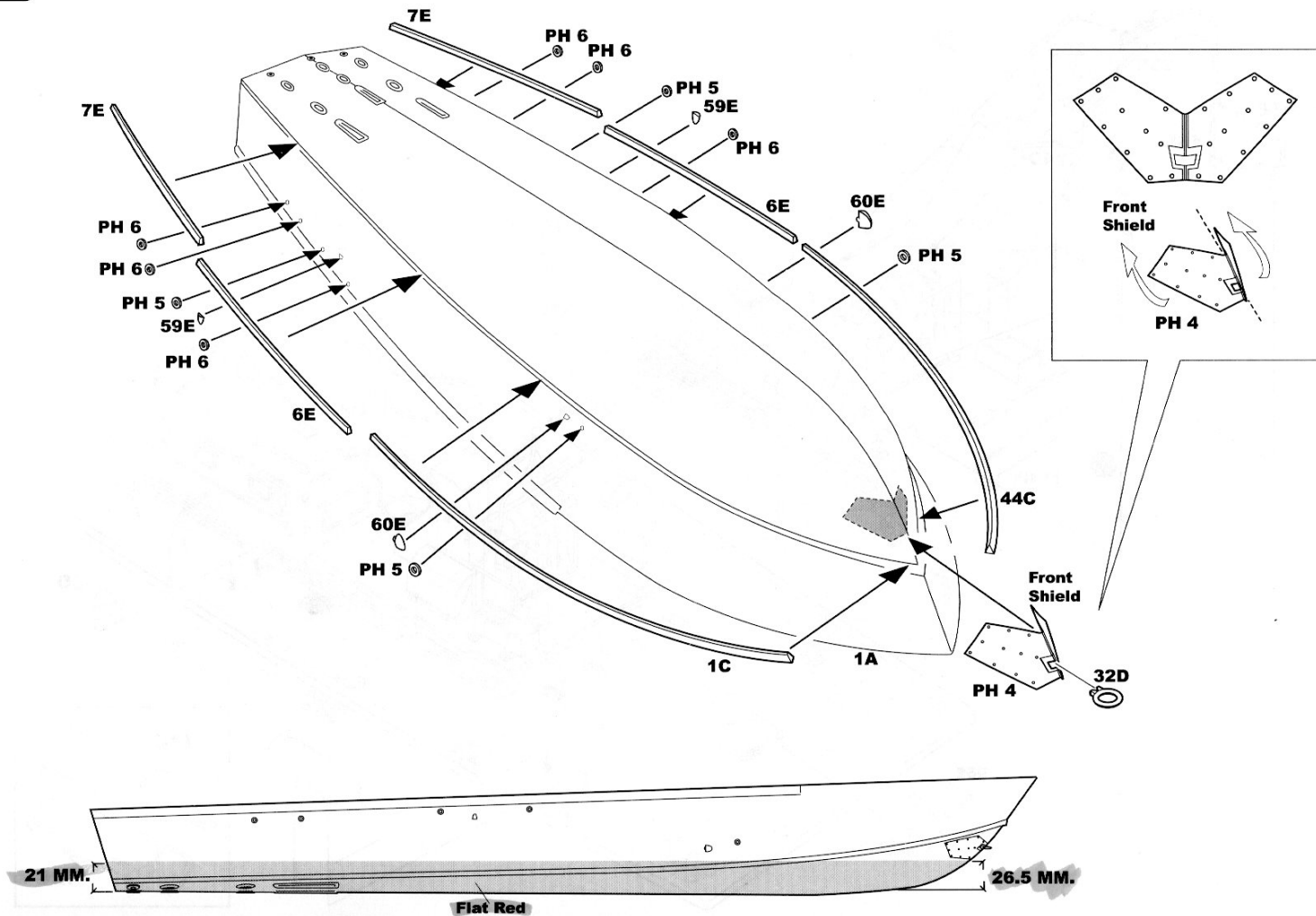


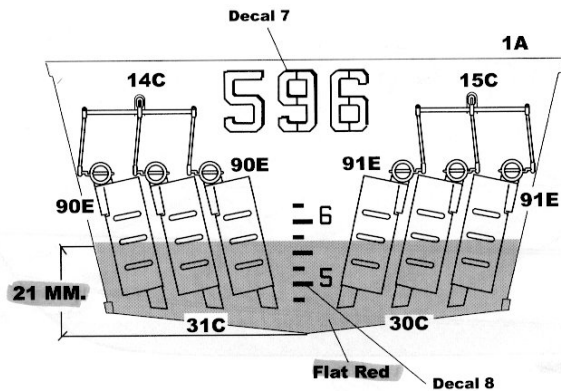
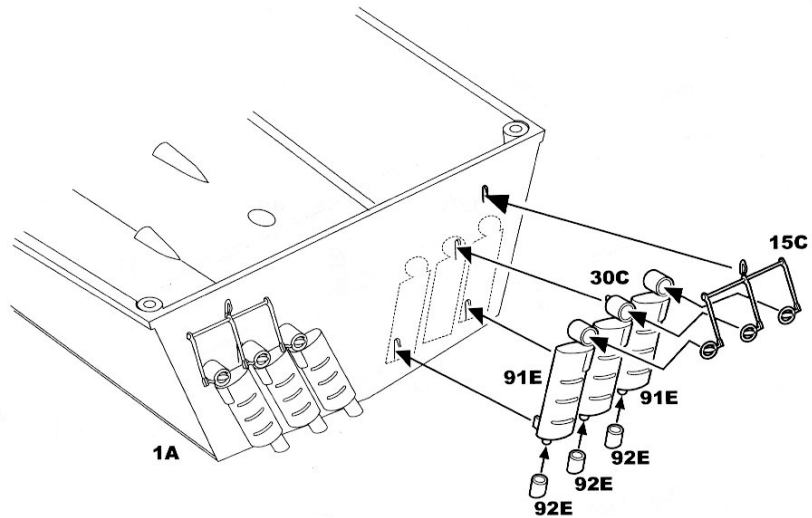
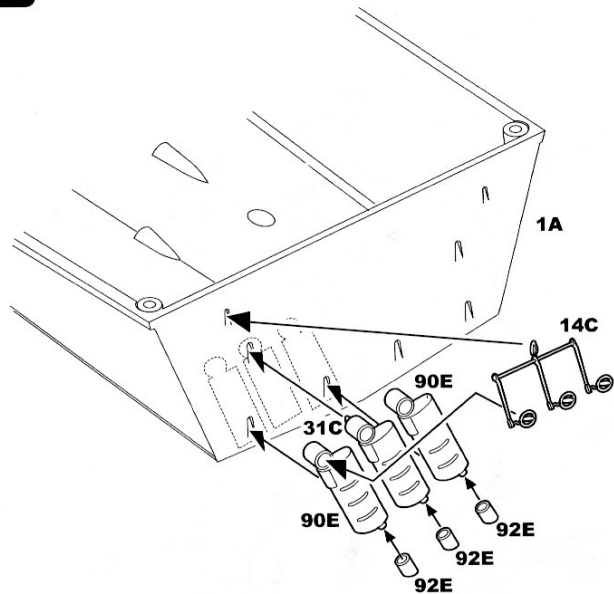


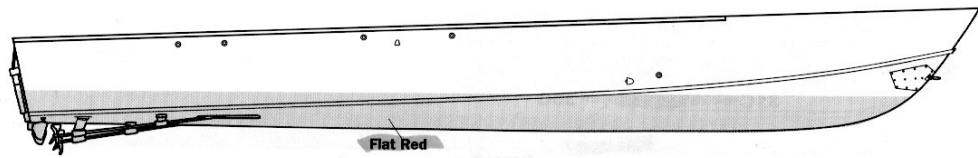
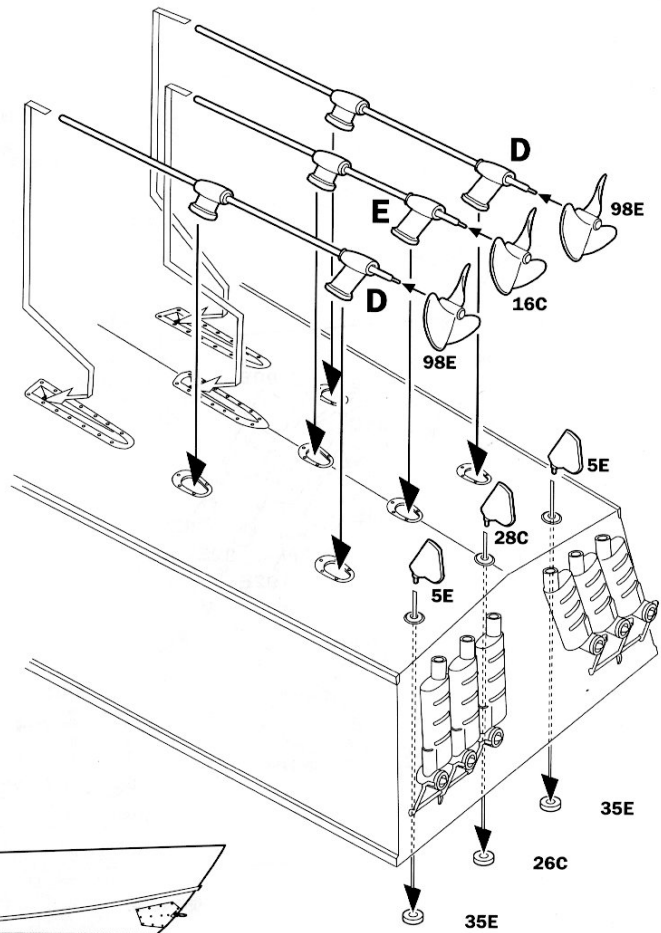
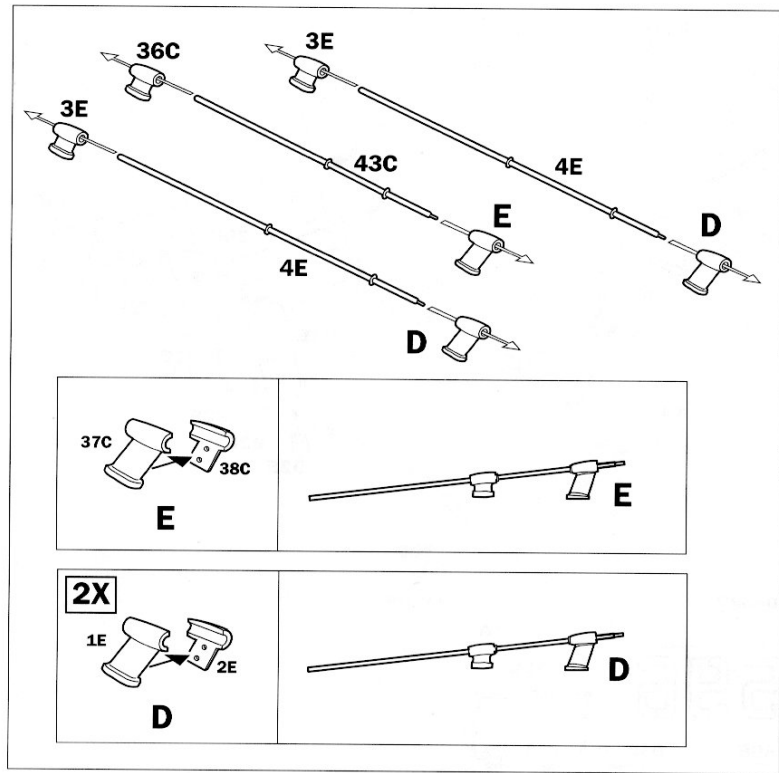




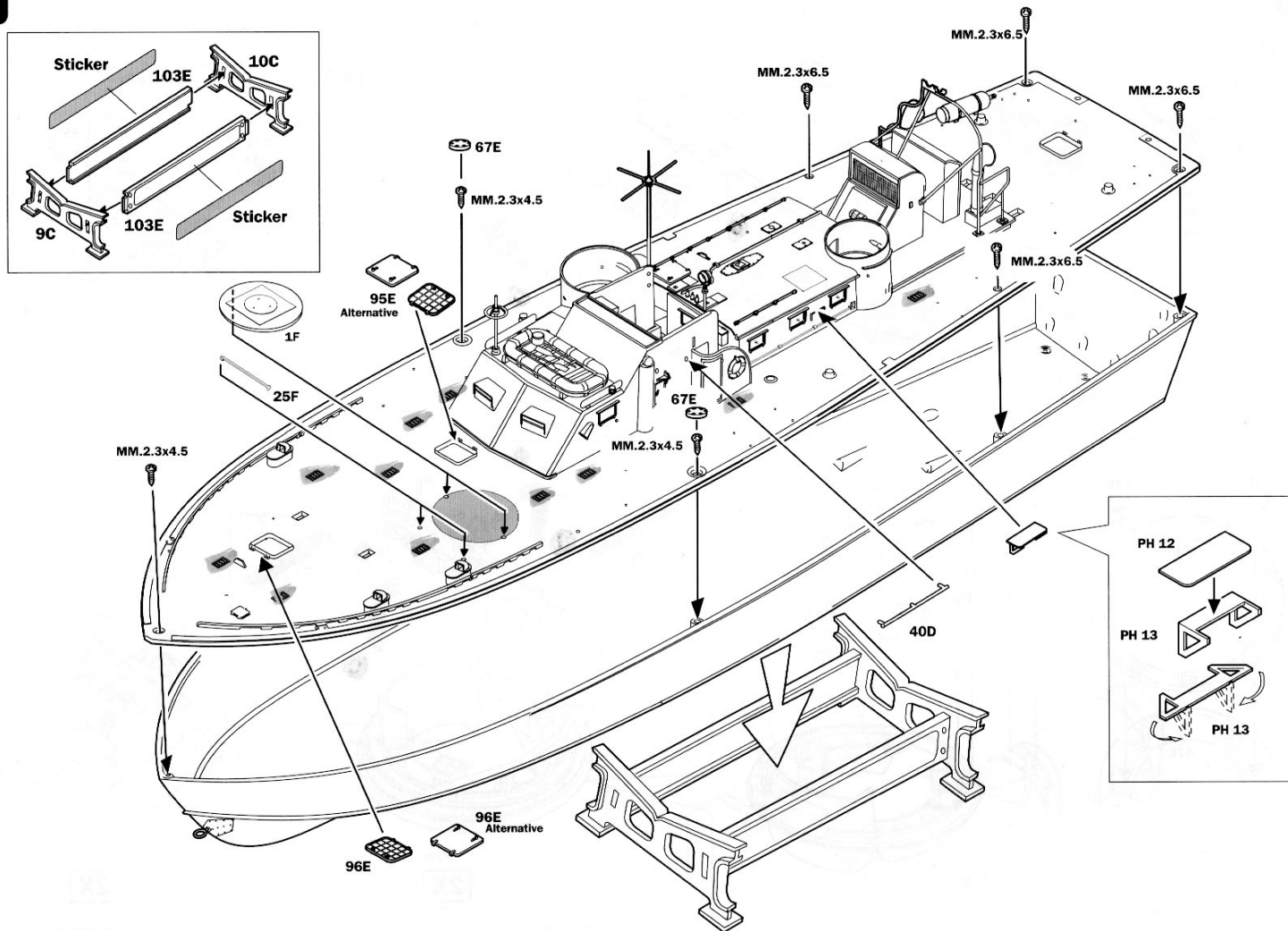




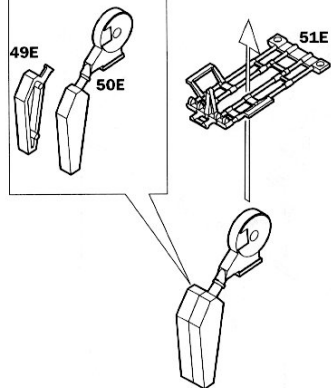




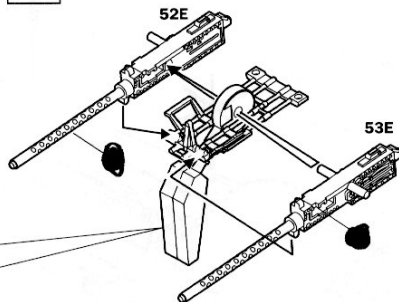




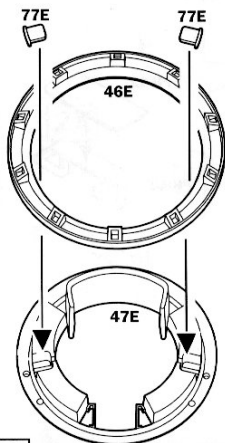
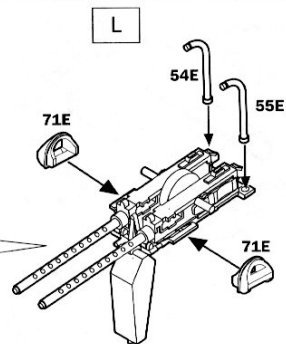
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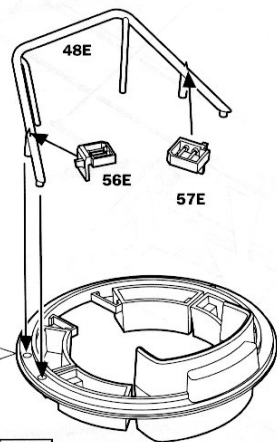
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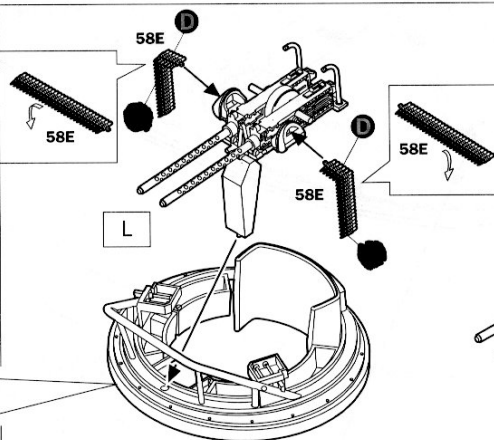
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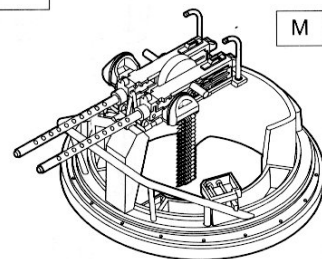
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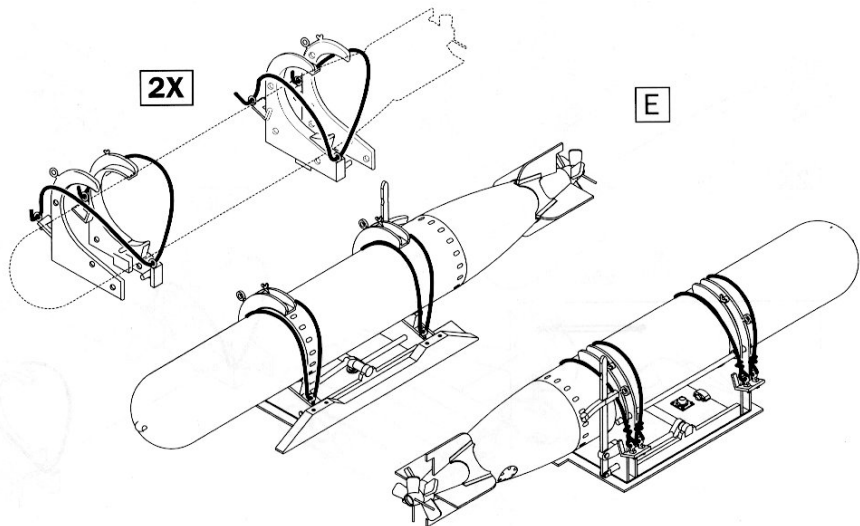
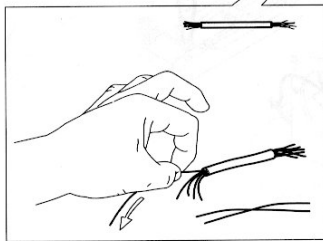
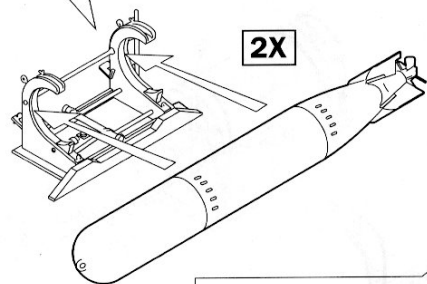
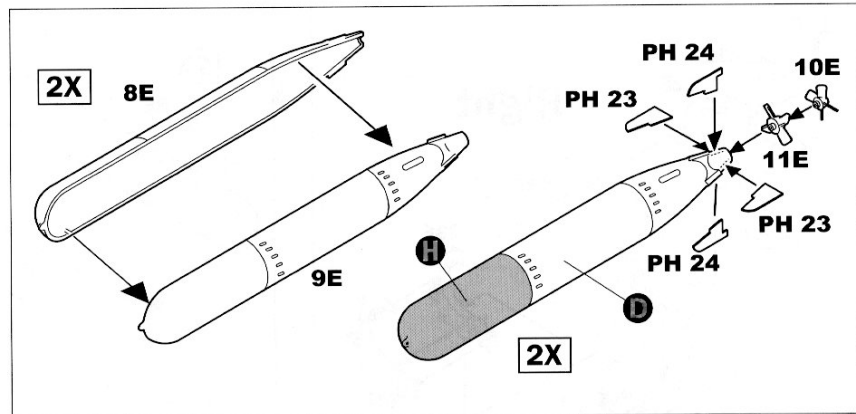
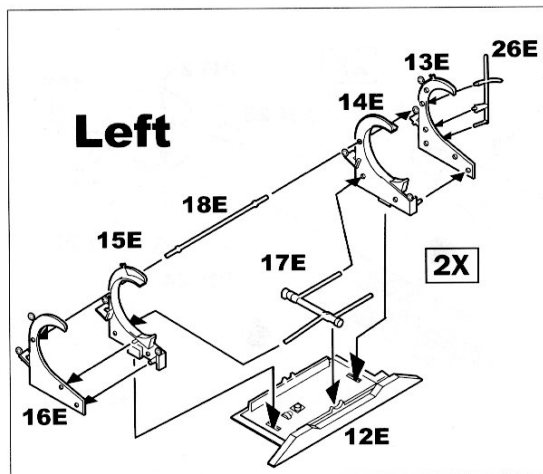
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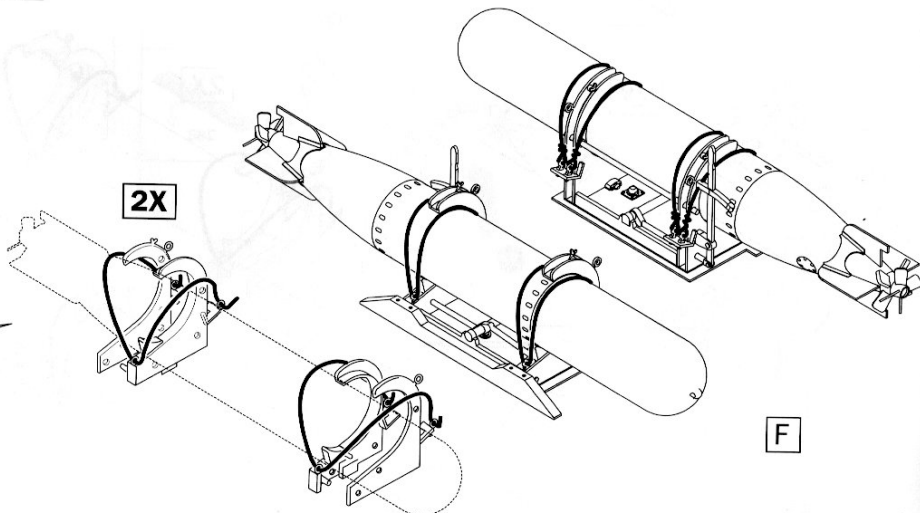
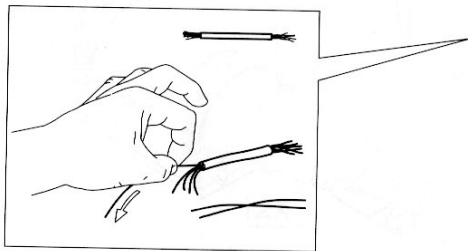
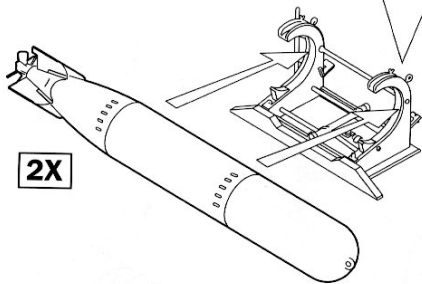
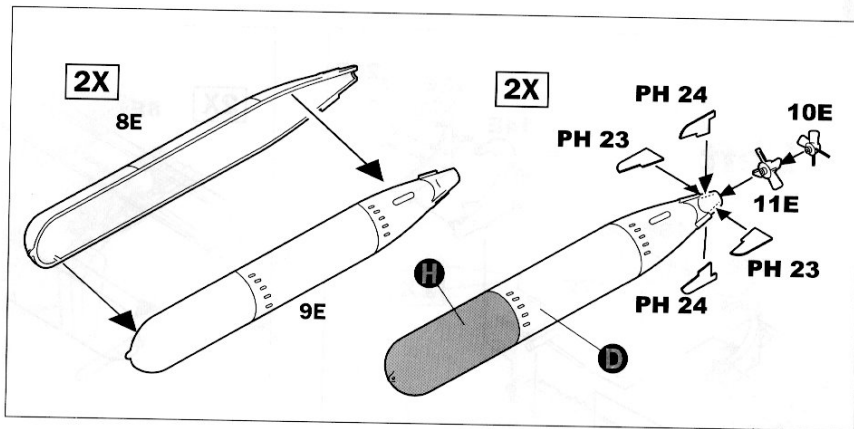
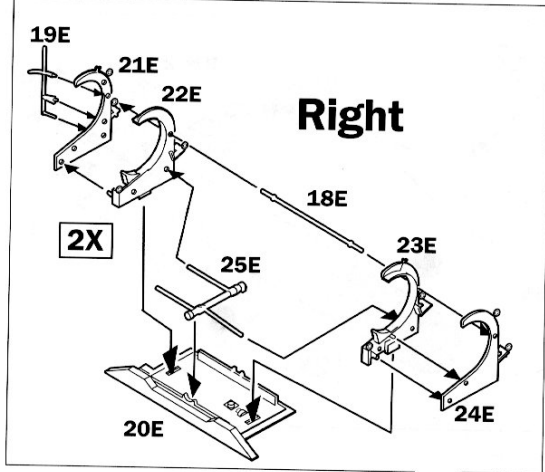


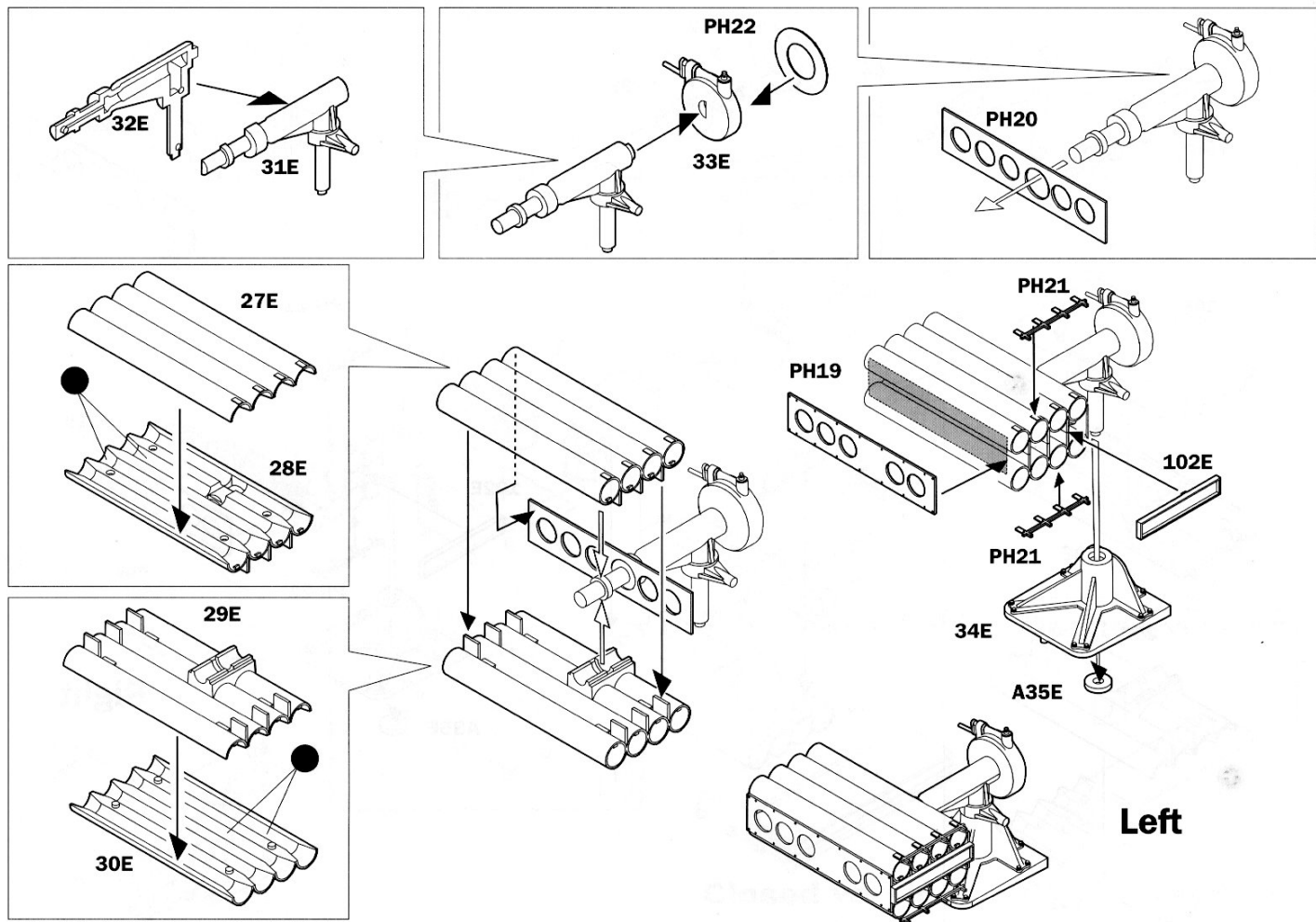
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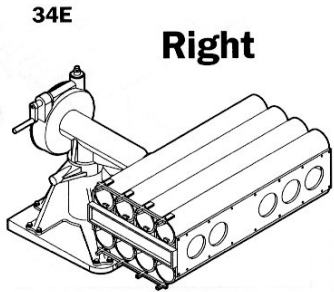
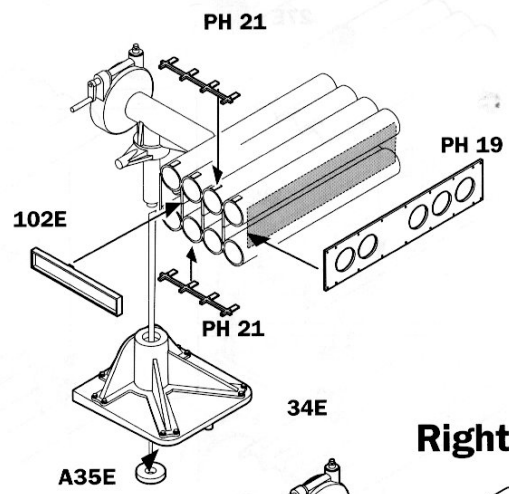
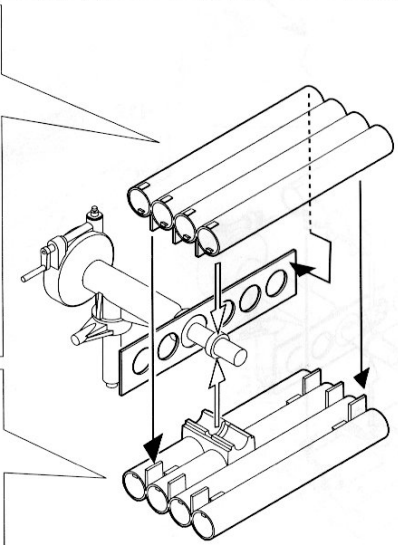
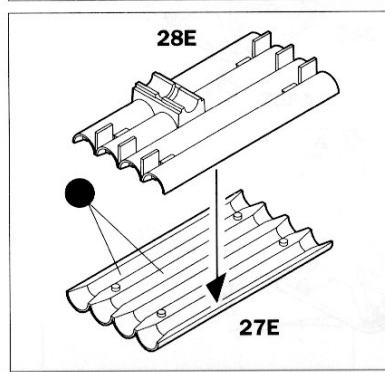
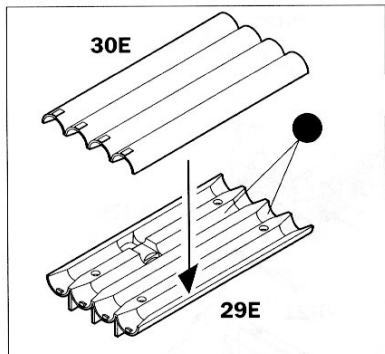
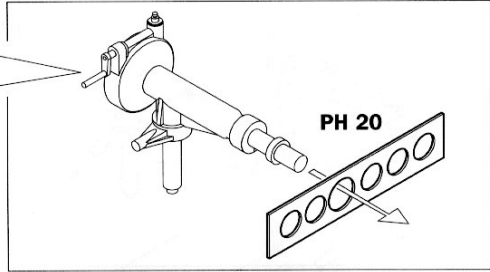
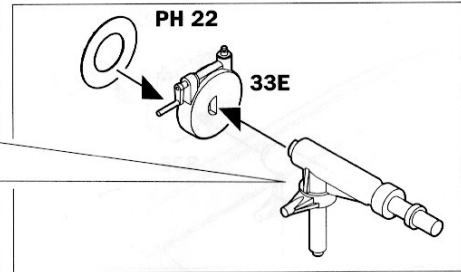
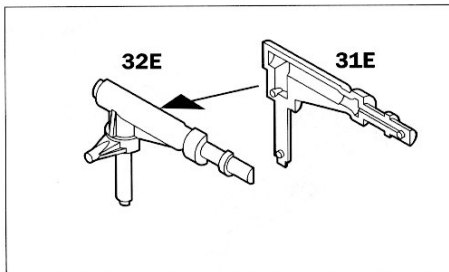


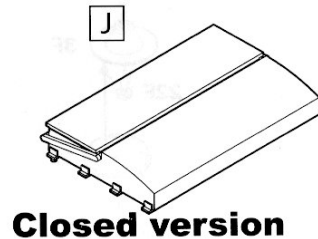
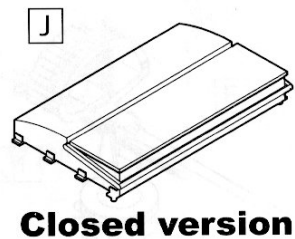
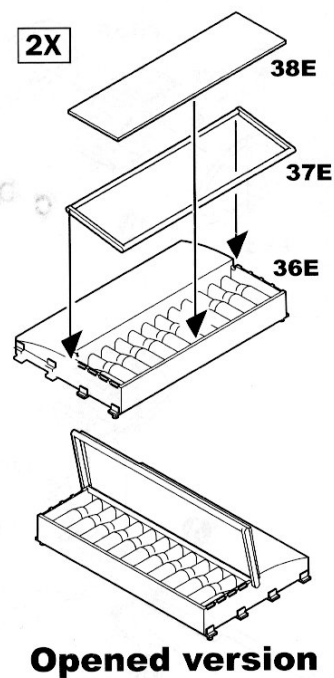
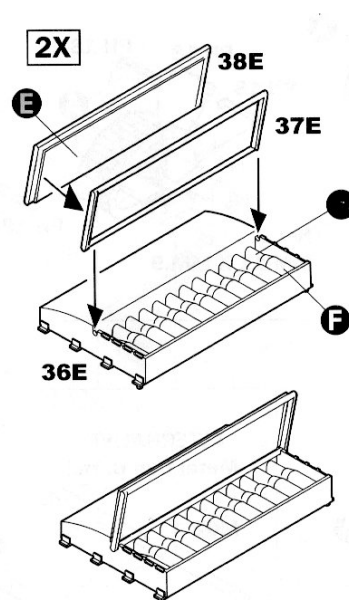
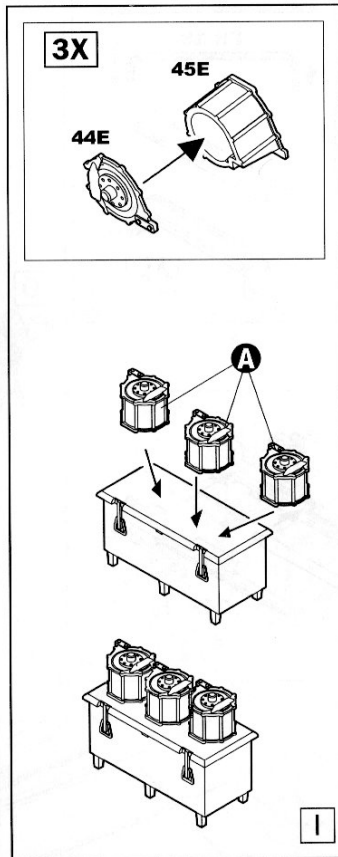
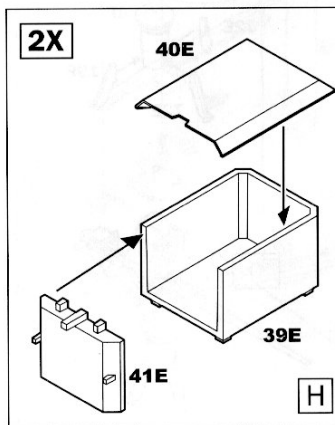
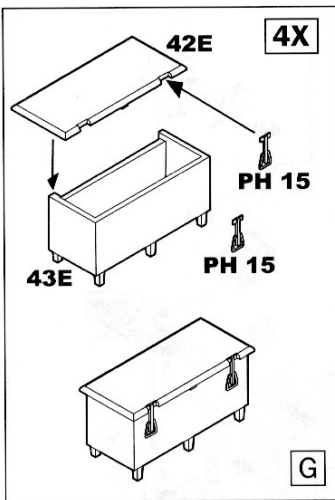
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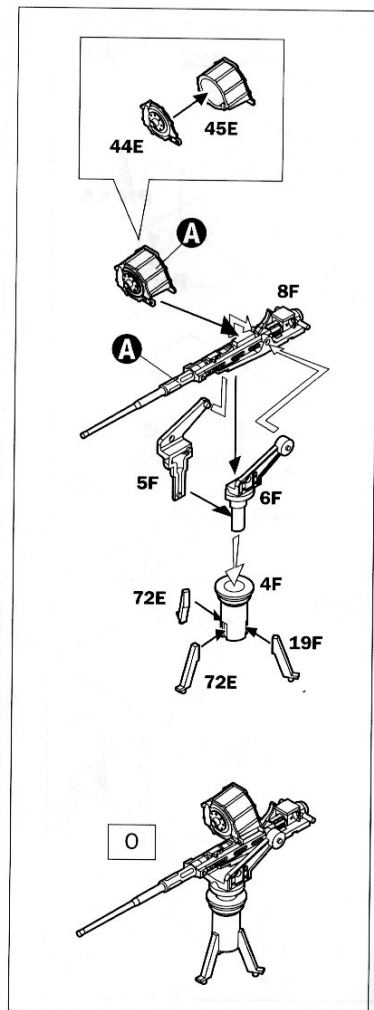
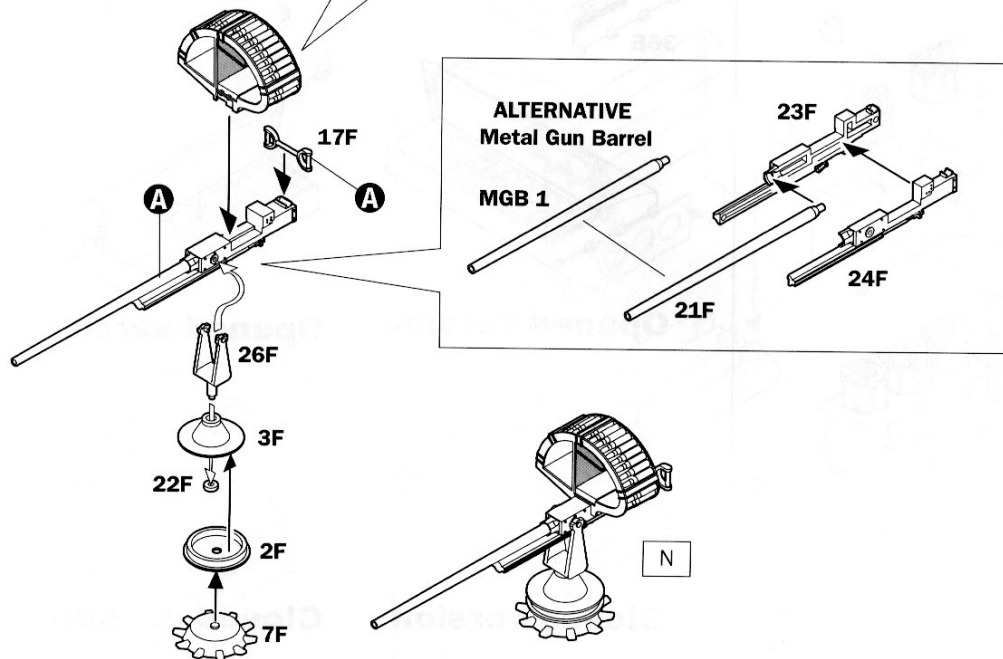
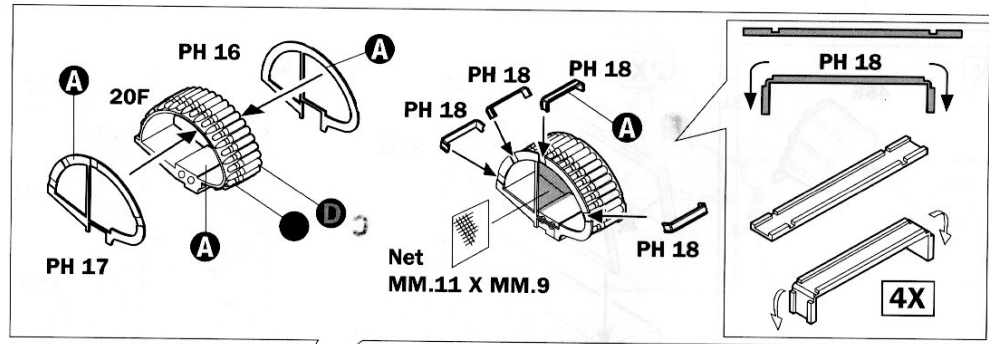




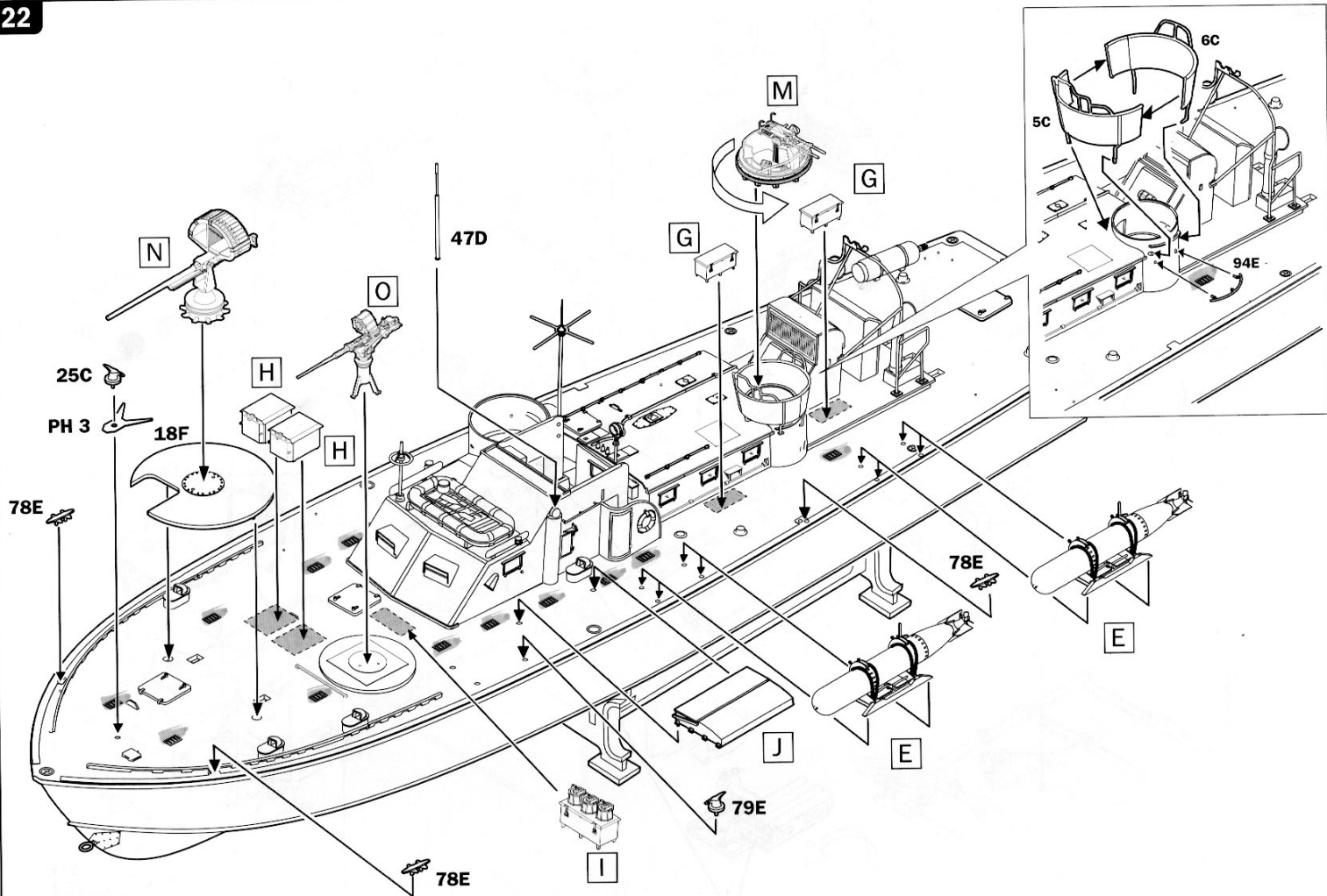


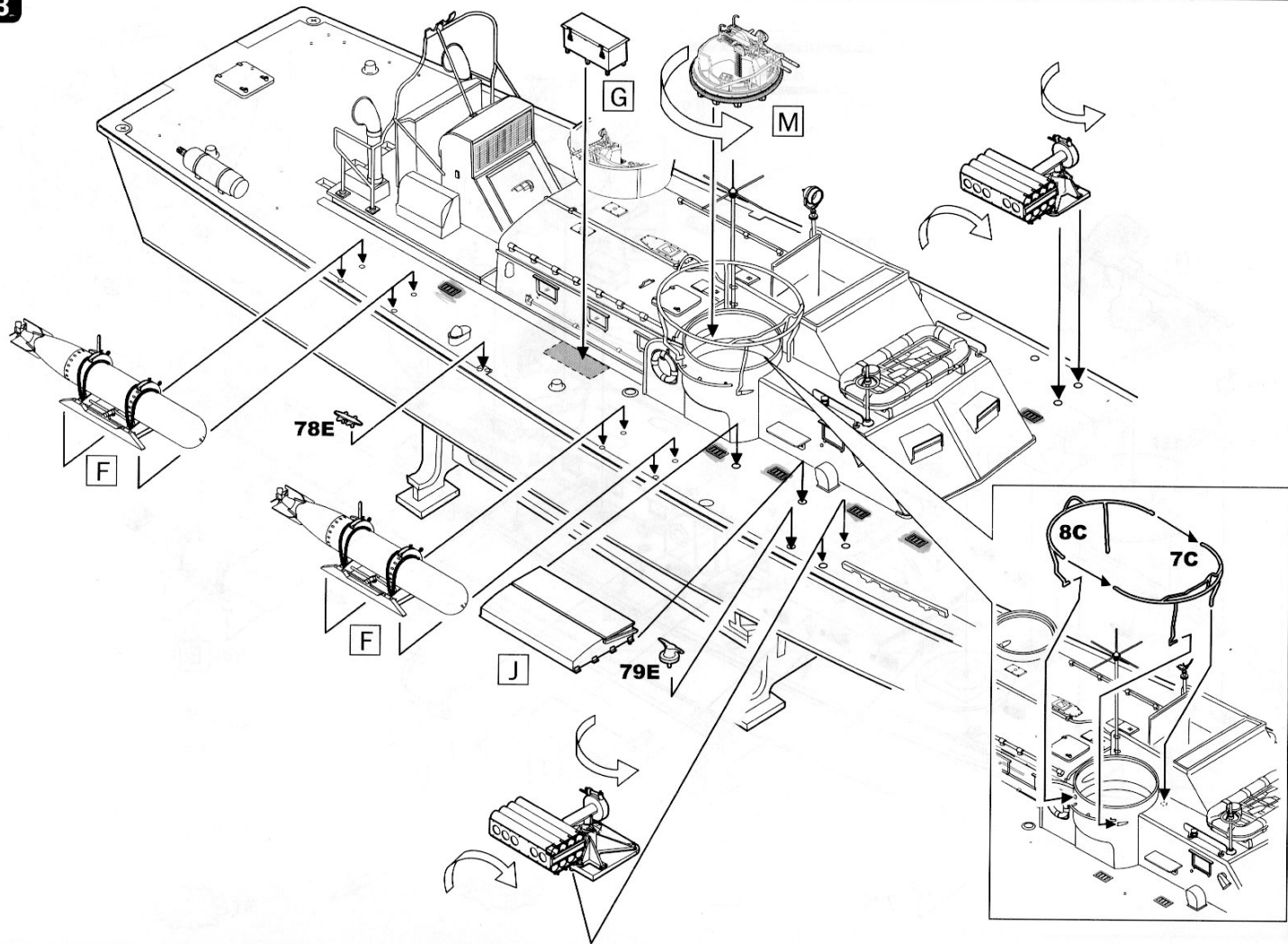


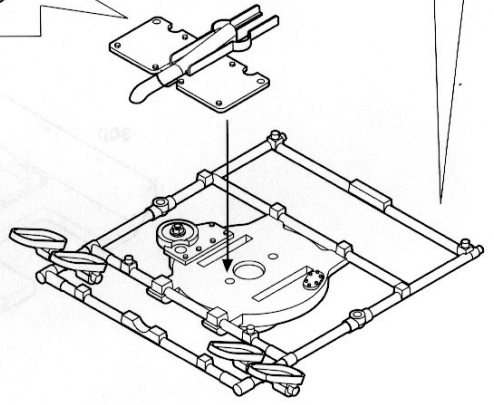
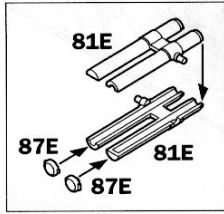
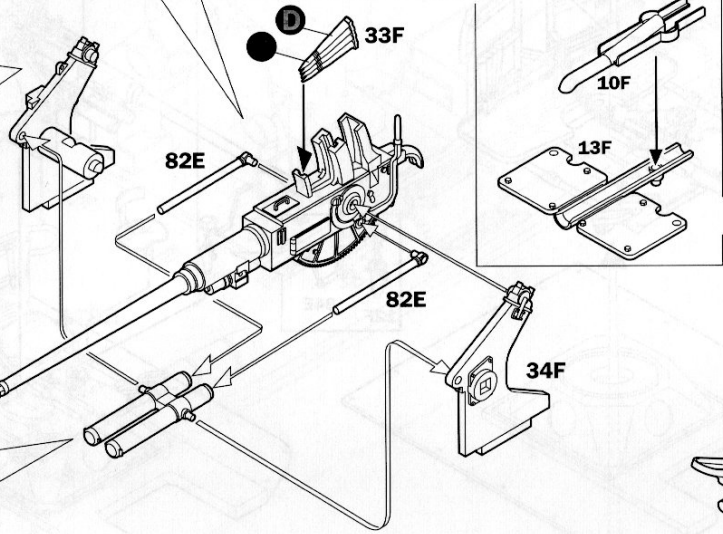
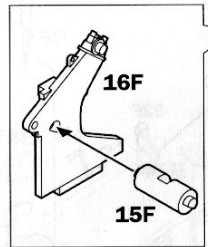
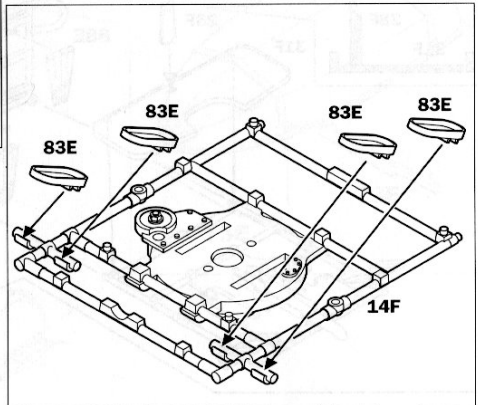
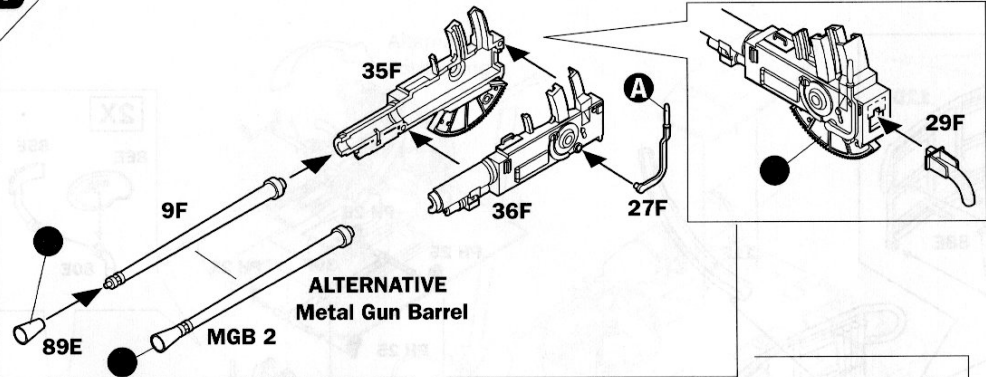


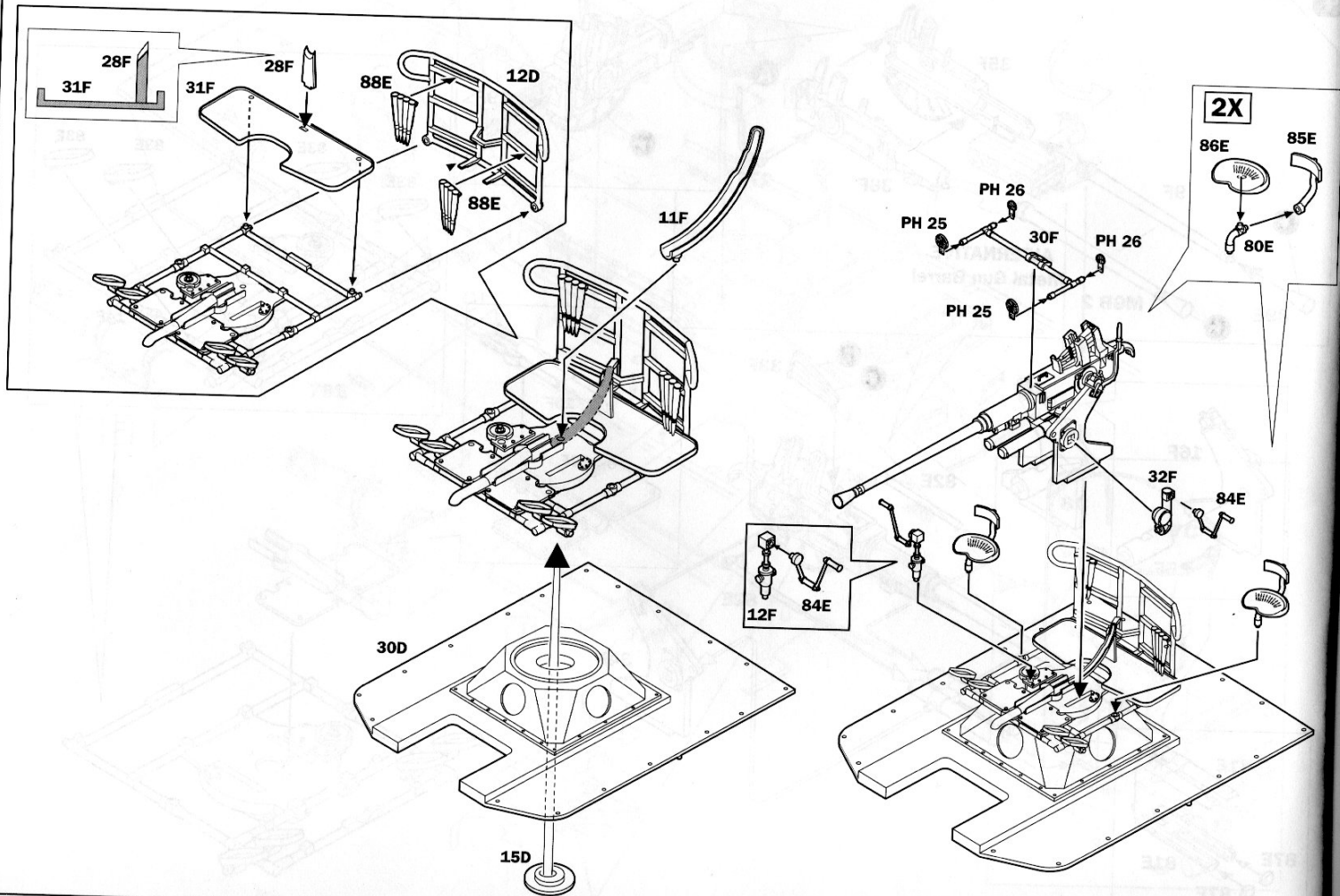


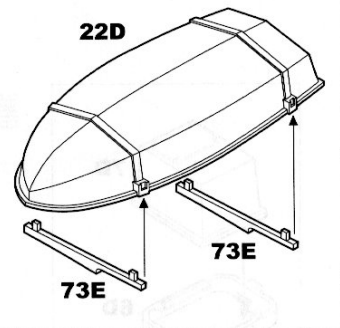
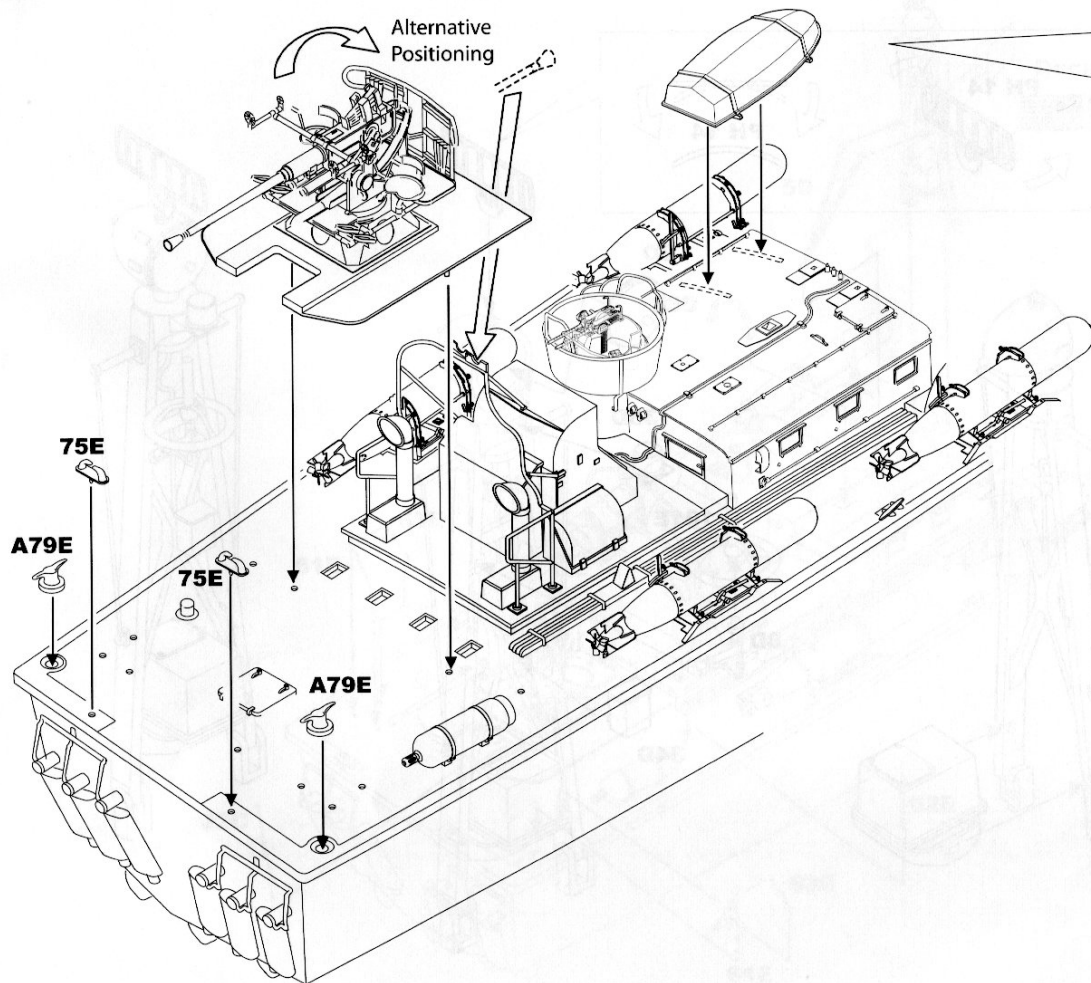


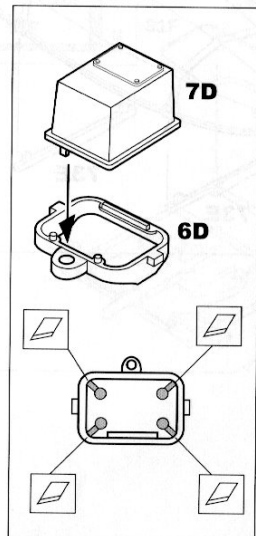




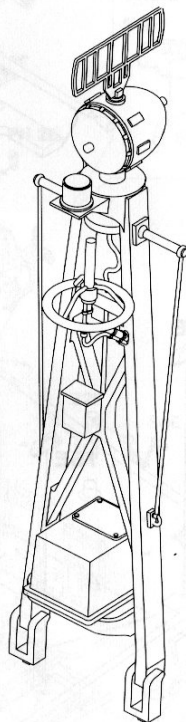
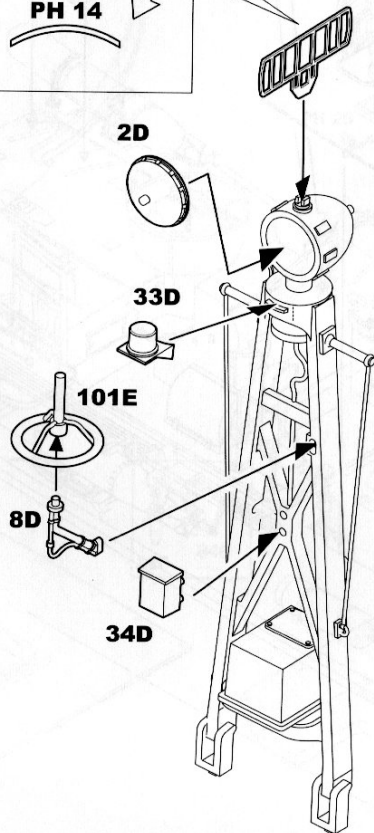
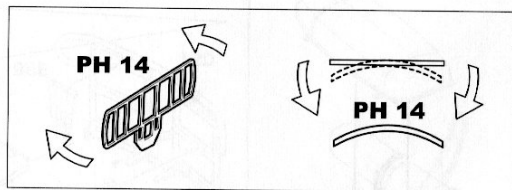
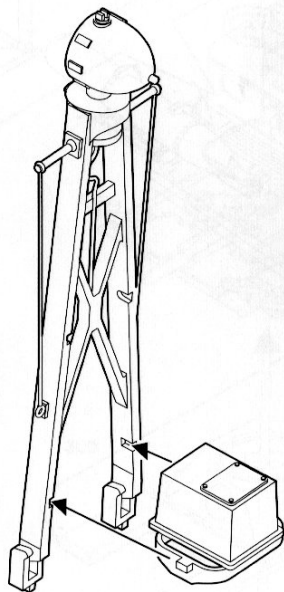


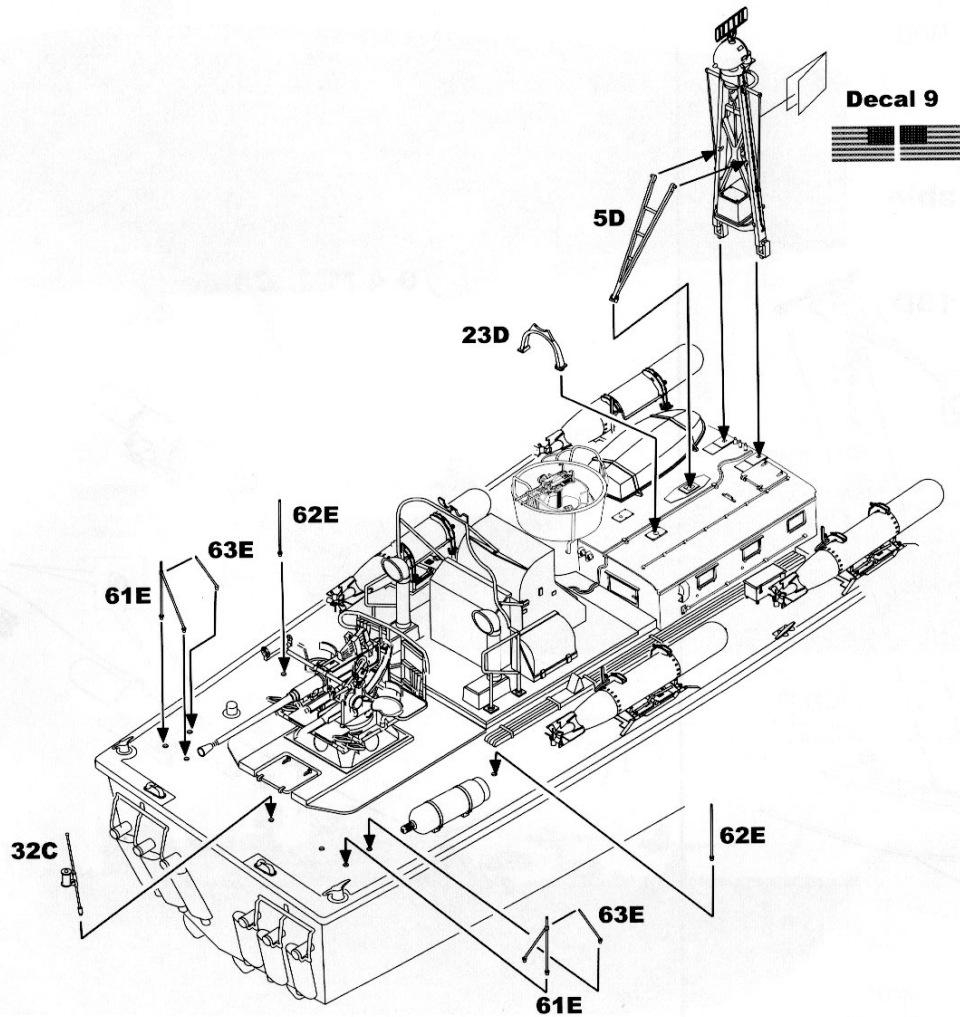




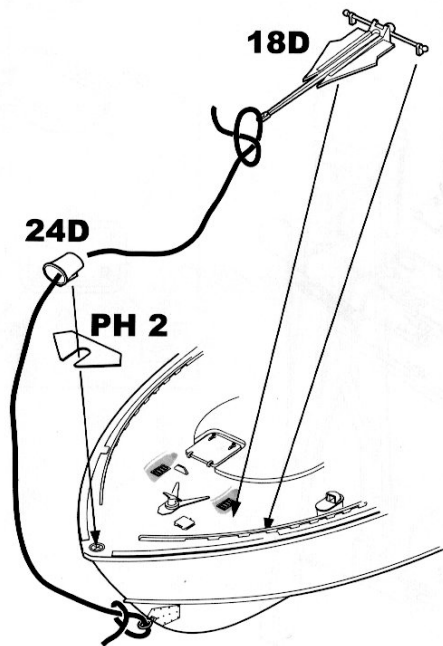


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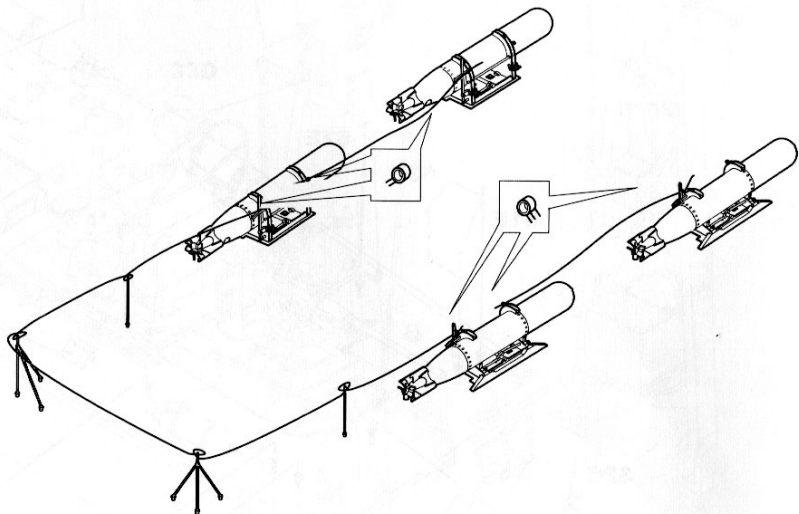




Ø 1 MM. Cable

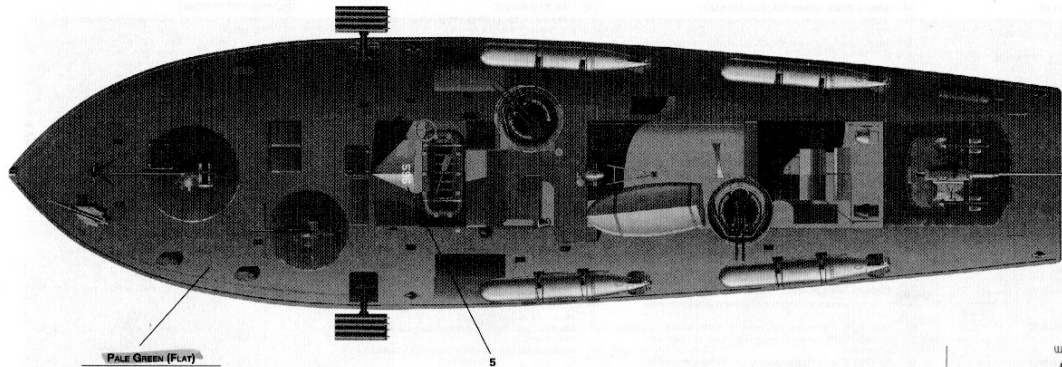


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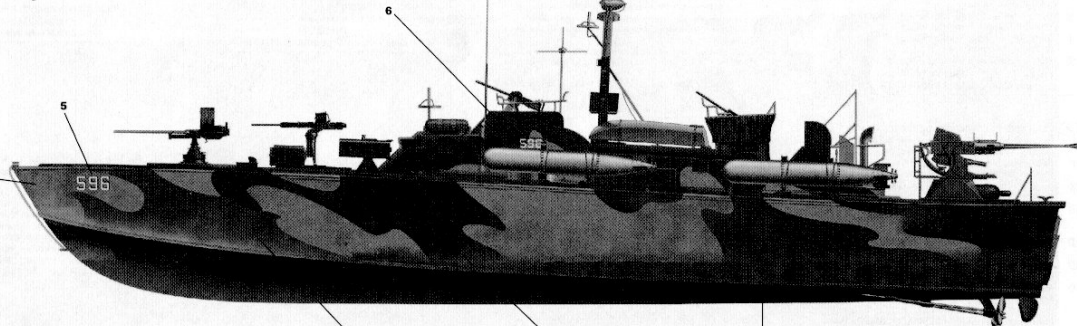




**PT-596 U.S. Navy - Pacific Fleet  
RON 39, Samar (Philippines), 1945**



**PALE GREEN (FLAT)**  
F.S. 34227  
ITA MM - 1716  
ITA MM Acryl - 4739

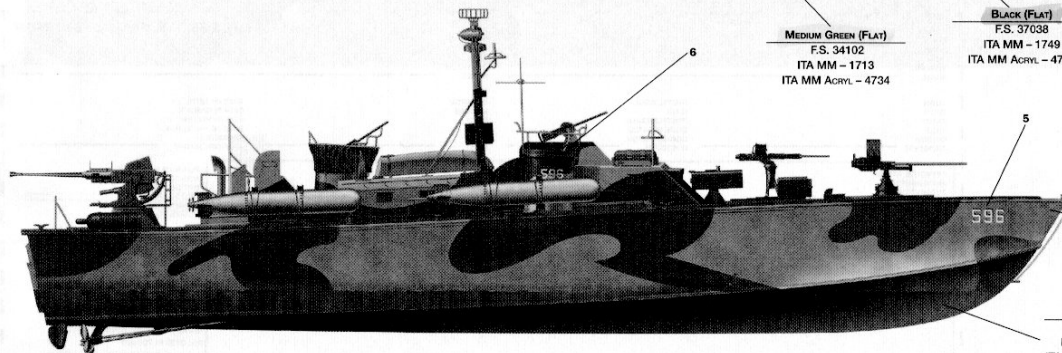


**PALE GREEN (FLAT)**  
F.S. 34227  
ITA MM - 1716  
ITA MM Acryl - 4739

**MEDIUM GREEN (FLAT)**  
F.S. 34102  
ITA MM - 1713  
ITA MM Acryl - 4734

**BLACK (FLAT)**  
F.S. 37038  
ITA MM - 1749  
ITA MM Acryl - 4768

**RED (FLAT)**  
ITA MM - 1550  
ITA MM Acryl - 4714



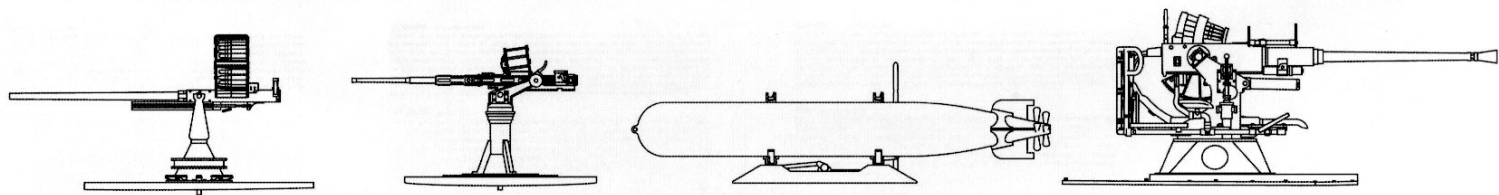
**PALE GREEN (FLAT)**  
F.S. 34227  
ITA MM - 1716  
ITA MM Acryl - 4739

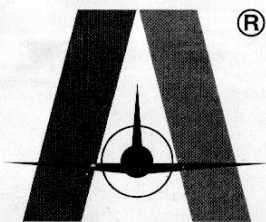
**RED (FLAT)**  
ITA MM - 1550  
ITA MM Acryl - 4714





ELCO 80 PT-596 TORPEDO BOAT





**ITALERI**