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Bologna - Italy  
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[EN] **WARNING:** Model for adult modellers 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] **ATENCIÓN:** Modelo para modelistas mayores de 14 años.

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indirizzo per futuro riferi-  
mento

Retain this address  
for future  
reference

Made in Italy

1:35

No 5620

# Schnellboot Typ S-38

**EN**

Between the two World Wars, several Military Navy launched programs dedicated to develop fast crafts able to perform patrol and attack duties. New engines and technological solutions were able to guarantee, compared to the First World War torpedo boats, improved performances and better operation efficiency. The German Kriegsmarine developed the famous fast attack craft S-Class during the 1930's. Among the most famous Schnellboote we can point out the S-38 version. Produced in 100 units, it had a lenght of 35 meters and a displacement, full load, of over 100 tons. Thanks to its 12 cylinders Daimler Benz engines the S-38 was able to reach a speed of 39.5 knots. Armed with two 533 mm. torpedo tubes, it adopted several types of defensive guns. Some of S-38 used the very appreciate 40 mm. Bofors gun. Captured by Germans during the first years of the War, it proved to be a very effective and powerful naval weapon, ever more appreciated than the German ones. On the S-38 reliable tech base, the S-100 was developed some years later.

**IT**

Tra le due Guerre numerose Marine Militari realizzarono programmi di sviluppo di flottiglie di motosiluranti in grado svolgere missioni di pattugliamento e di attacco. Le nuove tecnologie motoristiche garantivano, rispetto alla Prima Guerra Mondiale, maggiori prestazioni e una maggiore efficacia operativa. La Kriegsmarine tedesca sviluppò, durante gli anni '30, le famose motosiluranti della classe S. Tra le più celebri Schnellboote possiamo ricordare quelle appartenute alla versione S-38. Prodotti in quasi 100 esemplari avevano una lunghezza di 35 metri ed un dislocamento a pieno carico di oltre 100 tonnellate. Grazie ai motori Daimler Benz a 12 cilindri era in grado di raggiungere una velocità massima di 39,5 nodi. Armate con due lanciasiluri da 533 mm. era anche equipaggiata con diversi tipi di armamento leggero. Alcune di queste impiegarono a bordo l'efficacissimo cannone Bofors da 40mm. Catturati come preda bellica durante i primi anni della guerra, i Bofors dimostrarono di essere una valida ed apprezzata arma imbarcata ben superiore all'equivalente tedesco. La S-38 è stata la base tecnologica per lo sviluppo della successiva S-100.

**DE**

Zwischen den beiden Kriegen wurden von zahlreichen Kriegsmarinen Entwicklungsprogramme für Schnelltorpedoboote-Flottillen, die in der Lage waren, Überwachungsdienste und Angriffe zu betreiben, realisiert. Die neuen Motortechniken gewährleisteten, im Vergleich zum Ersten Weltkrieg, bessere Leistungen und eine höhere Betriebseffizienz. Die Deutsche Kriegsmarine entwickelte während der '30er Jahre, die berühmten Torpedoboote der Klasse S. Unter den berühmtesten Schnellbooten können wir die, die zur Version S-38 gehören, nennen. In fast 100 Exemplaren produziert, verfügten sie über eine Länge von 35 Metern und eine Verdrängung von über 100 Tonnen bei Vollbelastung. Die Daimler Benz Motoren mit 12 Zylindern ermöglichten das Erreichen einer Höchstgeschwindigkeit von 39,5 Knoten. Mit zwei Torpedobrücken zu 533 mm bestückt, verfügten sie ebenfalls über leichte Bewaffnung. Einige davon hatten die hochwirksame Kanone Bofors zu 40 mm an Bord. Als Kriegsbeute während der ersten Kriegsjahre gekapert, zeigten die Bofors ihre Fähigkeit als wertvolle und geschätzte Waffe an Bord, weit besser als die entsprechende deutsche. Das S-38 stellte die technische Basis für die spätere Entwicklung des S-100 dar.

**FR**

Entre les deux Guerres, des programmes de développement de flottes de torpilleurs en mesure d'effectuer des missions de patrouille et d'attaque, furent réalisés par de nombreuses Marines Militaires. Les nouvelles technologies des moteurs assuraient, par rapport à la Première Guerre Mondiale, de meilleures performances et une plus grande efficacité opérationnelle. Au cours des années 30, la Kriegsmarine (la marine de guerre) allemande, développa les fameuses vedette-torpilleurs de la classe S. Parmi les plus célèbres Schnellboote, rappelons celles de la version S-38. Près de 100 unités produites, elles mesuraient 35 mètres de long et elles déplaçaient plus de 100 tonnes à pleine charge. Les moteurs Daimler Benz à 12 cylindres permettaient d'atteindre une vitesse maximale de 39,5 noeuds. Armées de deux lance-torpilles de 533 mm, elles étaient également équipées d'un armement léger. Certaines d'entre elles utilisaient à bord le très efficace canon Bofors de 40mm. Capturés comme butin de guerre durant les premières années de guerre, les Bofors démontrent d'être une arme de l'artillerie navale valide et appréciée, beaucoup plus de l'équivalent allemand. La S-38 a été la base technologique pour le développement de la suivante S-100.

**RU**

Военно-морским флотом многих стран в период между двумя мировыми войнами были созданы программы по развитию флотилий торпедных катеров, предназначенных для патрулирования и военной атаки. Новые моторные технологии гарантировали, по сравнению с Первой мировой войной, более высокие эксплуатационные характеристики и более высокую эффективность во время операций. Германские ВМС «Кригсмарине» в 30-е годы разработали знаменитые торпедные катера класса S. Среди наиболее известных торпедных катеров «Шнельбот» (Schnellboote) нужно вспомнить о версии S-38. Выпущенные в количестве около 100 экземпляров, они имели длину 35 метров и водоизмещение свыше 100 тонн при полной загрузке. 12-цилиндровые двигатели Daimler Benz позволяли достигать максимальной скорости 39,5 узлов. Они были вооружены двумя 533-мм торпедными аппаратами, а также лёгким оружием. Некоторые из них были оснащены эффективными 40-мм зенитными пушками Bofors. Захваченные в качестве военного трофея в первые годы войны, зенитные пушки «Бофорс» отлично показали себя и намного превосходили уже установленные на кораблях подобные немецкие пушки. Торпедный катер S-38 стал технической базой для создания последующего S-100.

**ES**

Durante el periodo de entreguerras, numerosos militares de la Marina realizaron programas de desarrollo de flotillas de lanchas torpederas capaces de llevar a cabo misiones de patrulla y ataque. Las nuevas tecnologías motorizadas garantizaban un mejor rendimiento y una mayor eficiencia operativa respecto a la I Guerra Mundial. En los años 30, la Kriegsmarine alemana desarrolló las famosas lanchas torpederas de la clase S. Entre las más famosas de las Schnellboote se encuentran las que pertenecían a la versión S-38. De estas, se fabricaron casi cien ejemplares con una longitud de 35 metros y un desplazamiento de más de cien toneladas a plena carga. Los motores Daimler Benz de 12 cilindros permitían alcanzar una velocidad máxima de 39,5 nudos. Estas lanchas, equipadas con lanzatorpedos de 533 mm, contaban con armamento ligero. Algunas de ellas utilizaron a bordo los potentes cañones Bofors de 40 mm. Los Bofors, que se retuvieron durante los primeros años de la guerra como presa de guerra, demostraron ser un arma para navíos válida y muy apreciada, superior a su equivalente alemán. La S-38 constituyó la base tecnológica para el desarrollo de la posterior S-100.

**EN 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.

**FR ATTENTION - Conseils utiles!**

Avant de commencer le montage, étudier attentivement le dessin. Détacher avec beaucoup de soin les morceaux des moules en utilisant un massicot ou bien un paire de ciseaux et couper avec une petite lame avec de papier de verre fin ébarbages éventuels. Jamais détacher les morceaux avec les mains. Monter les en suivant l'ordre de la numérotation des tables. Eliminer de la moulure le numéro de la pièce qui vient d'être montée, en le biffant 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. A-B-C-. Les lettres aux cotés des numéros indiquent la moulure où se trouve la pièces à monter. Les pièces marquées par une croix ne sont pas à utiliser.

**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 tacendogli 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.

**RU ОПРЕДЕЛЕНИЕ - предупреждение - чайные!**

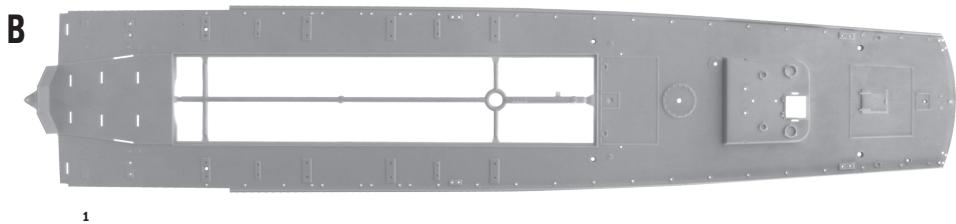
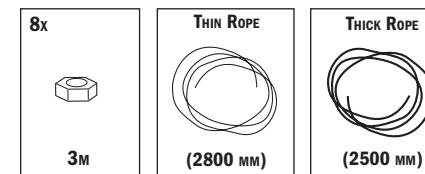
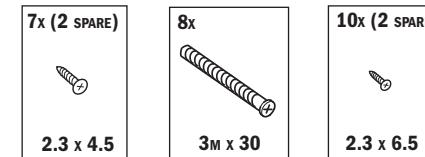
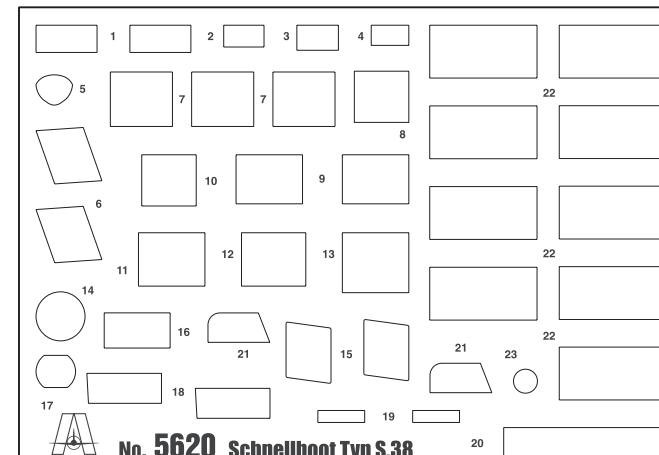
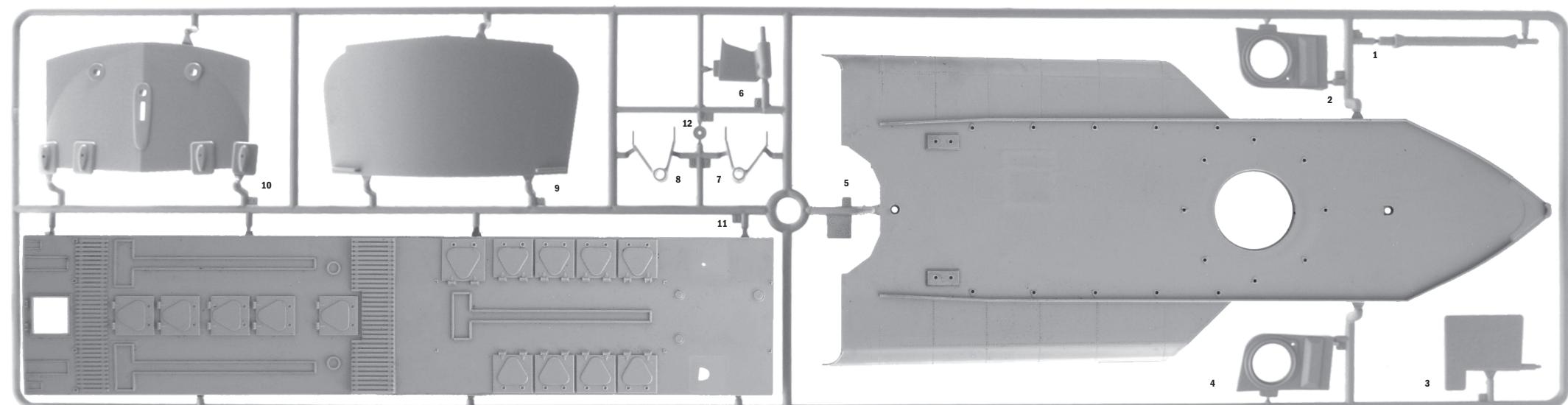
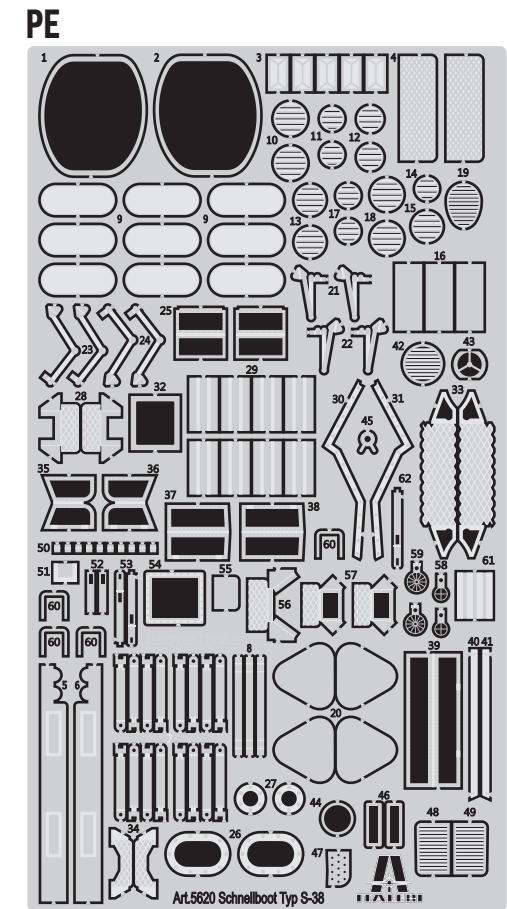
Перед тем, как приступить к сборке, внимательно изучите чертеж. Осторожно отсоединять распечатанные элементы, используя для этого канцелярский нож или пару ножниц, снять неровности с помощью тонкого лезвия или с помощью абрэзивной бумаги. Не отсоединять элементы руками. Выполнить сборку согласно порядку нумерации таблиц. Удалить из сплошь что собранной деталью, перечеркивая её. Чёрные стрелки указывают детали для склейки, белые стрелки указывают детали, которые собираются без клея. Использовать только клей для пенопласта. Буквы (A - B - C...) на пронумерованных сторонах указывают места, где находятся детали. Перечеркнутые детали не использовать.

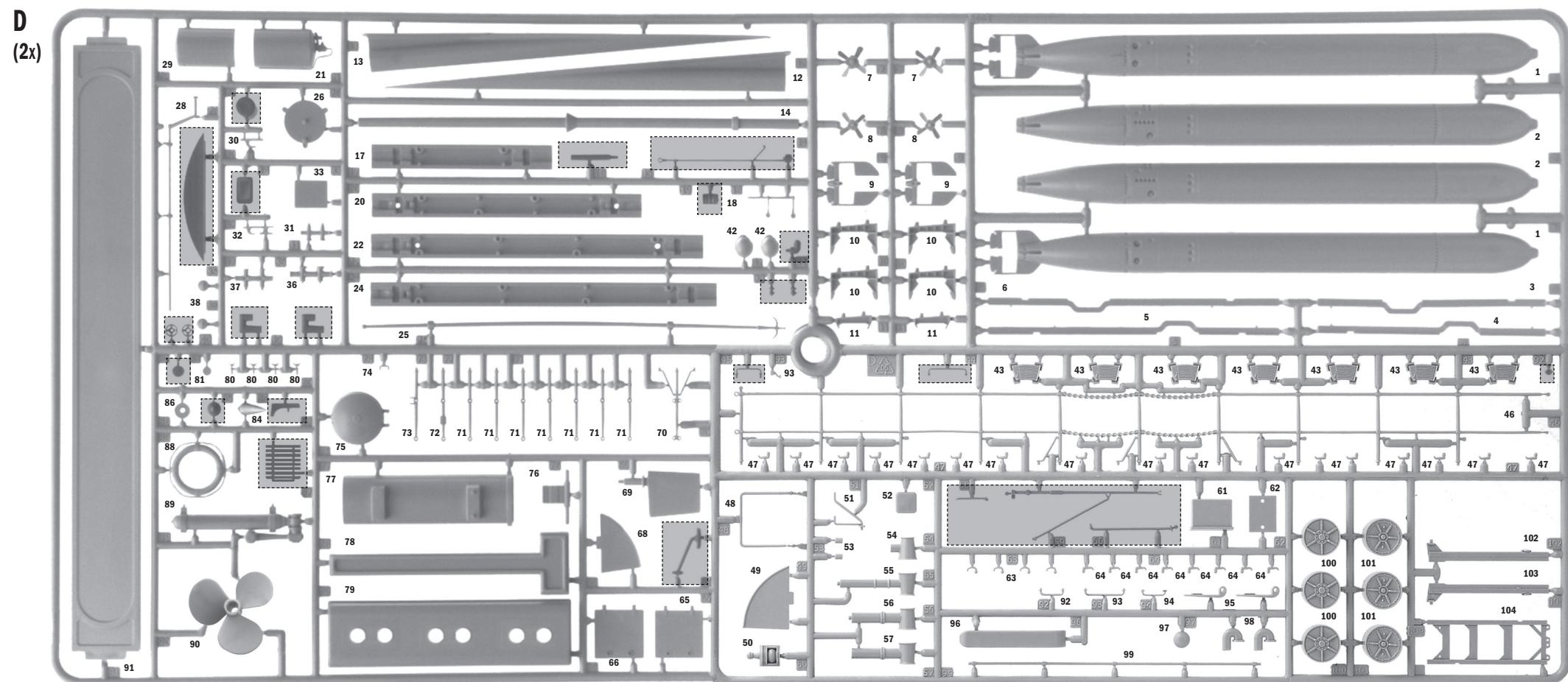
**DE ACHTUNG - Ein nützlicher Rat!**

Vor der Montage die Zeichnung aufmerksam studieren. Die einzelnen Montageteile mit einem Messer oder einer Schere vom Spritzlinge sorgfältig entfernen. Eventuelle Grate werden mit einer Klinge oder feinem Schmirgelpapier beseitigt. Keinesfalls die Montageteile mit den Händen entfernen. Bei der Montage der Tafelnummern 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.

**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 pocas 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. A - B - C... Las letras 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.


**CL**

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**No. 5620 Schnellboot Typ S.38**




### SUGGESTED COLORS

**A**  
FLAT WHITE  
FS. 37875  
ITALERI ACRYLICPAINT - 4769AP

**B**  
FLAT GUARDS RED  
FS. 33150  
ITALERI ACRYLICPAINT - 4632AP

**C**  
FLAT BLACK  
FS. 37038  
ITALERI ACRYLICPAINT - 4768AP

**D**  
METAL GLOSS GOLD  
FS. 17048  
ITALERI ACRYLICPAINT - 4671AP

**E**  
METAL FLAT STEEL  
FS. 37178  
ITALERI ACRYLICPAINT - 4679AP

**F**  
FLAT DARK TAN  
FS. 30219  
ITALERI ACRYLICPAINT - 4709AP

**G**  
FLAT MEDIUM GRAY  
FS. 36270  
ITALERI ACRYLICPAINT - 4746AP

**H**  
FLAT GUNSHIP GRAY  
FS. 36118  
ITALERI ACRYLICPAINT - 4752AP

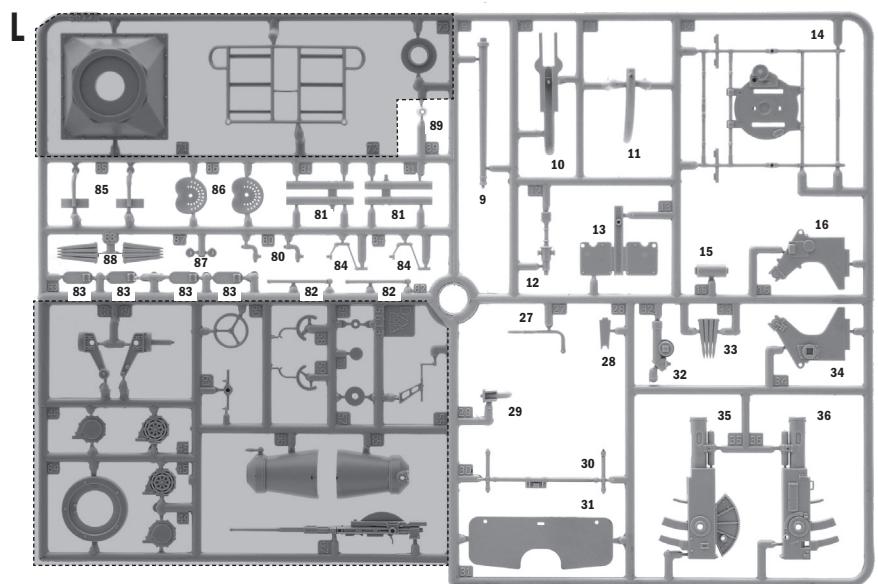
**I**  
METAL GLOSS SILVER  
FS. 17178  
ITALERI ACRYLICPAINT - 4678AP

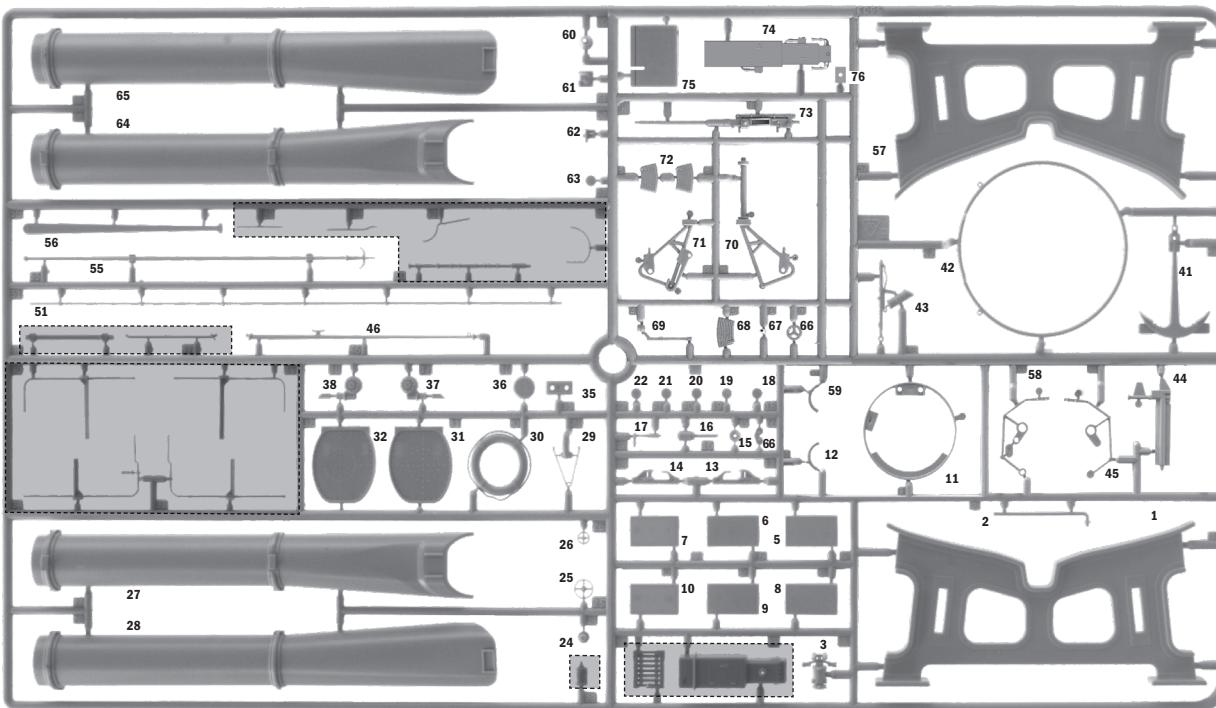
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GLOSS GREEN  
FS. 14090  
ITALERI ACRYLICPAINT - 4669AP

**K**  
FLAT RED  
FS. 31400  
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**L**  
FLAT LEATHER  
FS. 30100  
ITALERI ACRYLICPAINT - 4674AP

**M**  
FLAT INSIGNIA YELLOW  
FS. 33538  
ITALERI ACRYLICPAINT - 4721AP



**E**

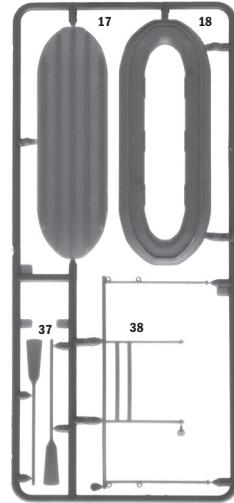
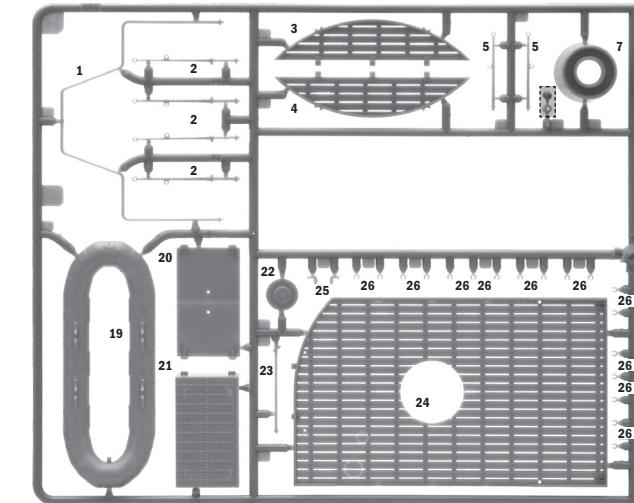
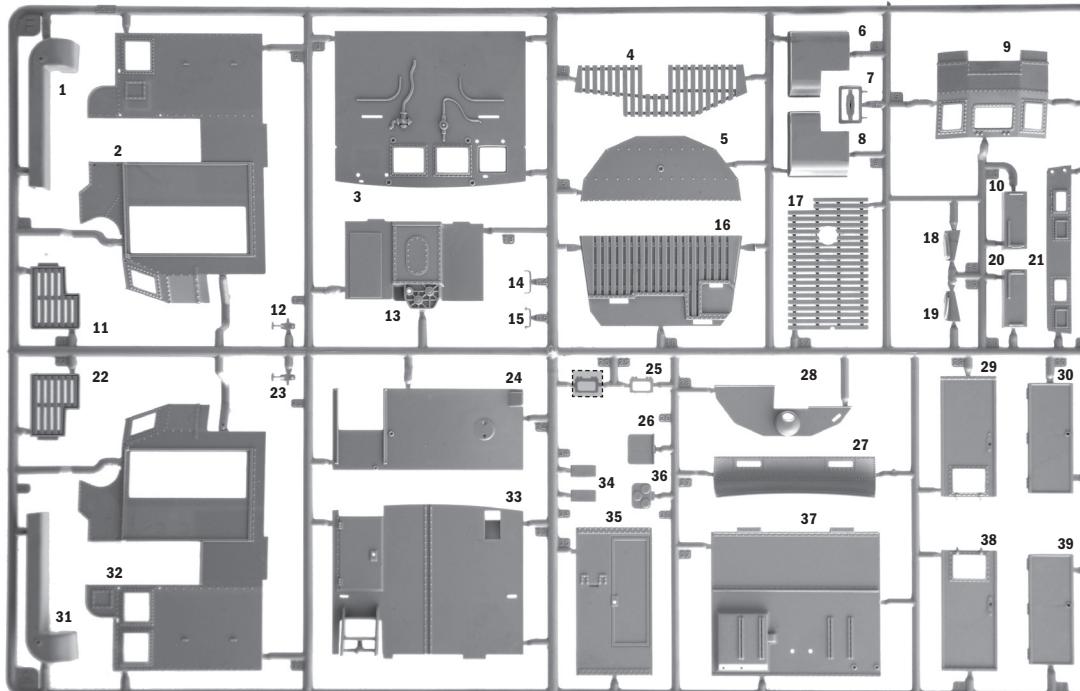
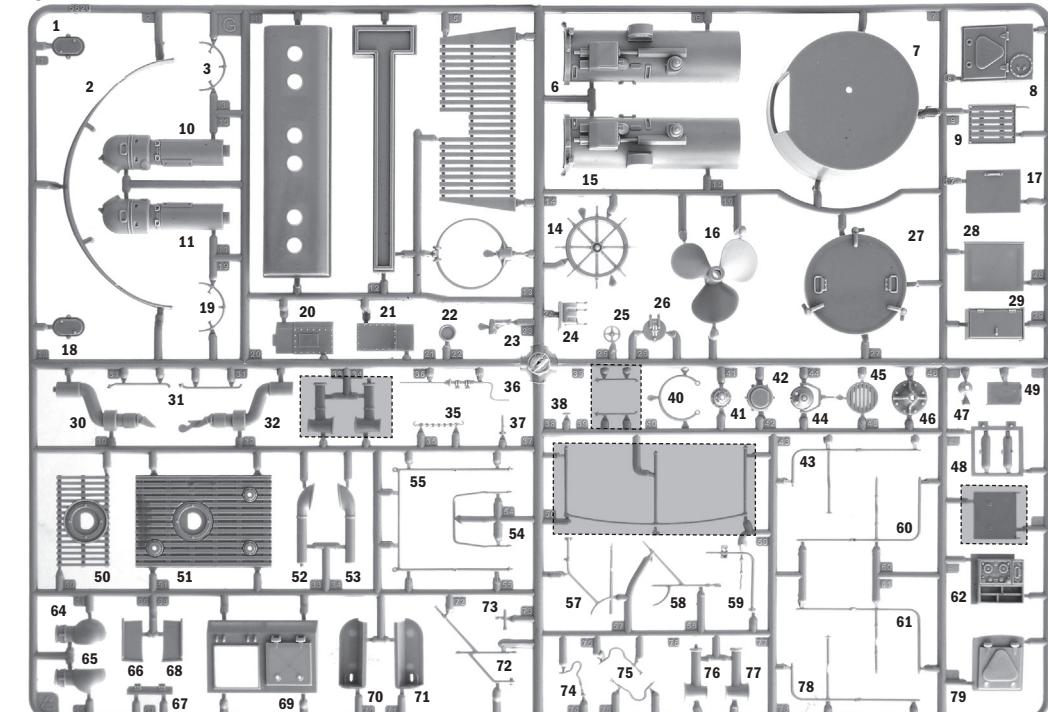
Cut  
Entfernen  
Separare  
Retirer

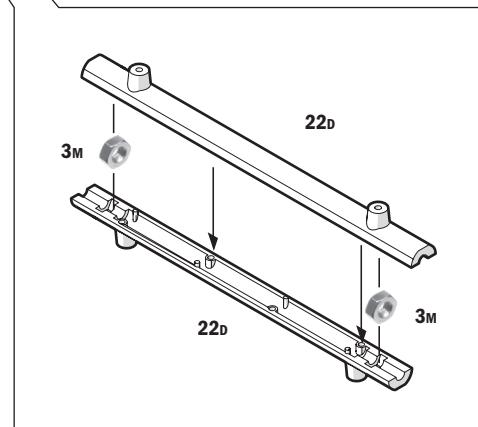
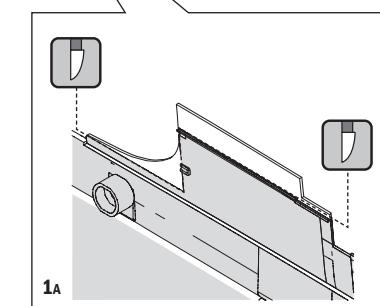
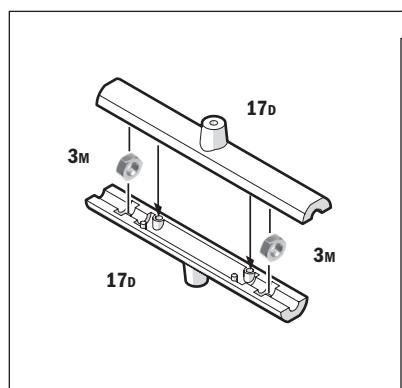
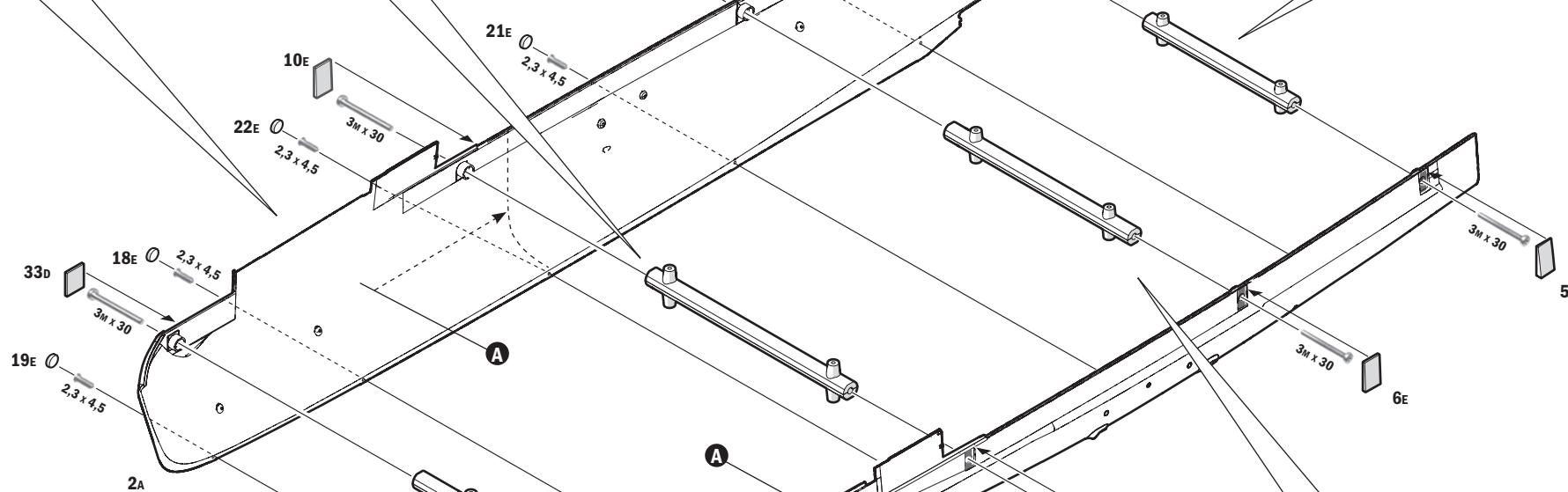
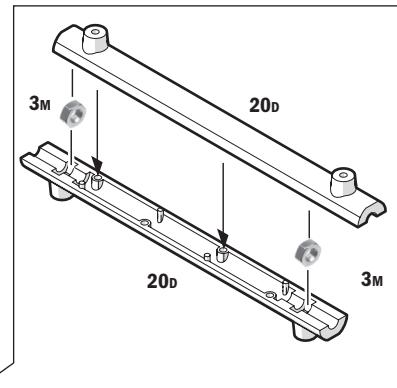
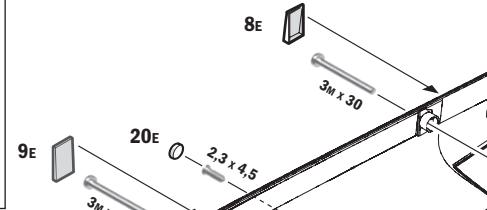
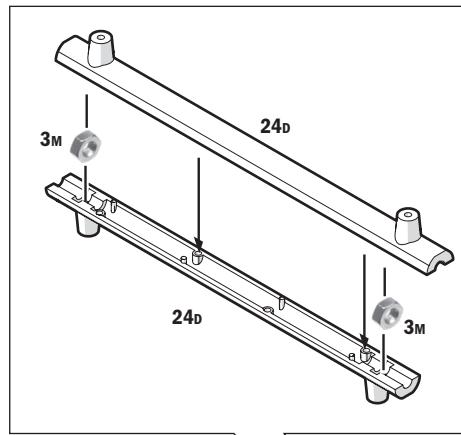
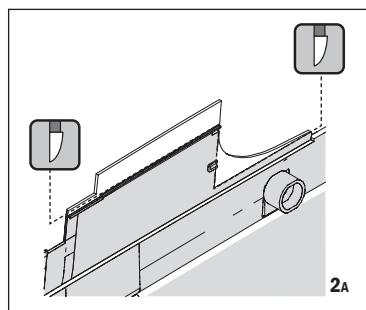


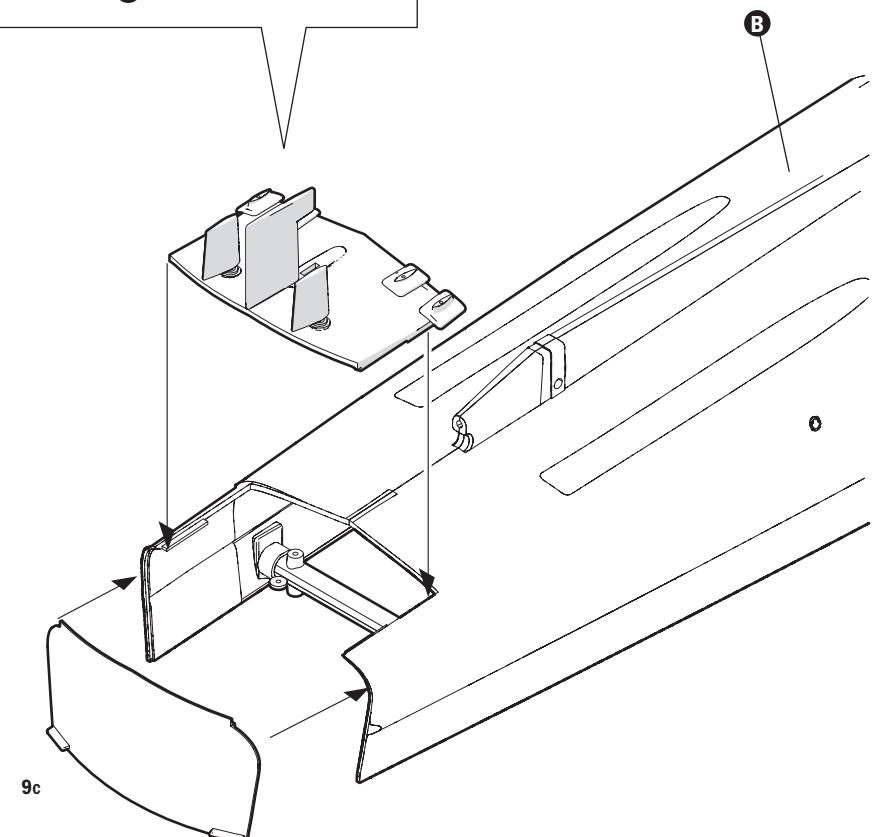
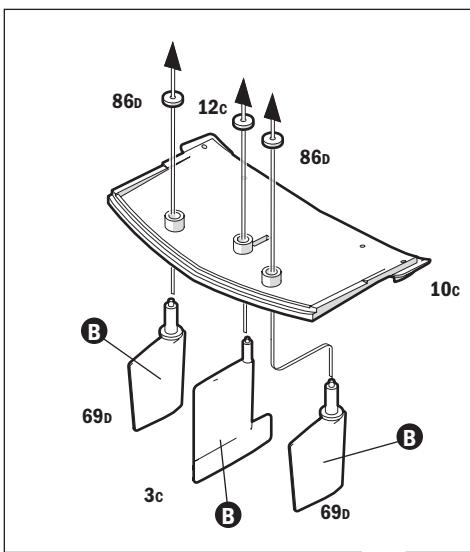
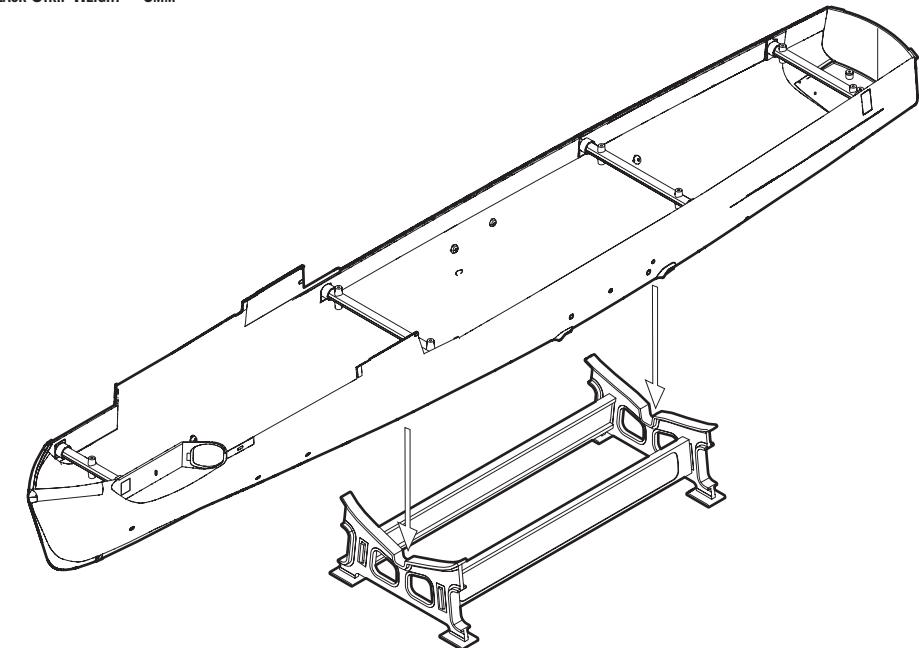
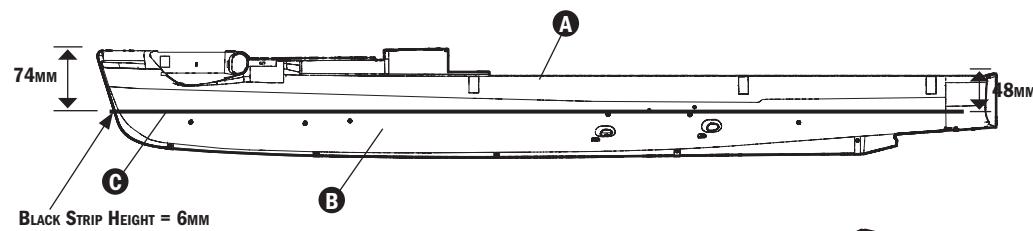
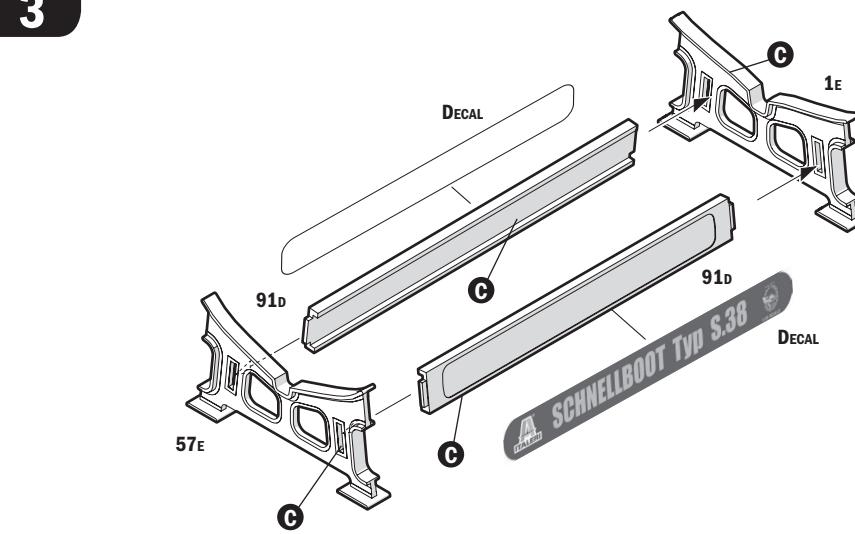
Drill holes  
Die Locher Ausbören  
Aprire i fori  
Ouvrir les trous

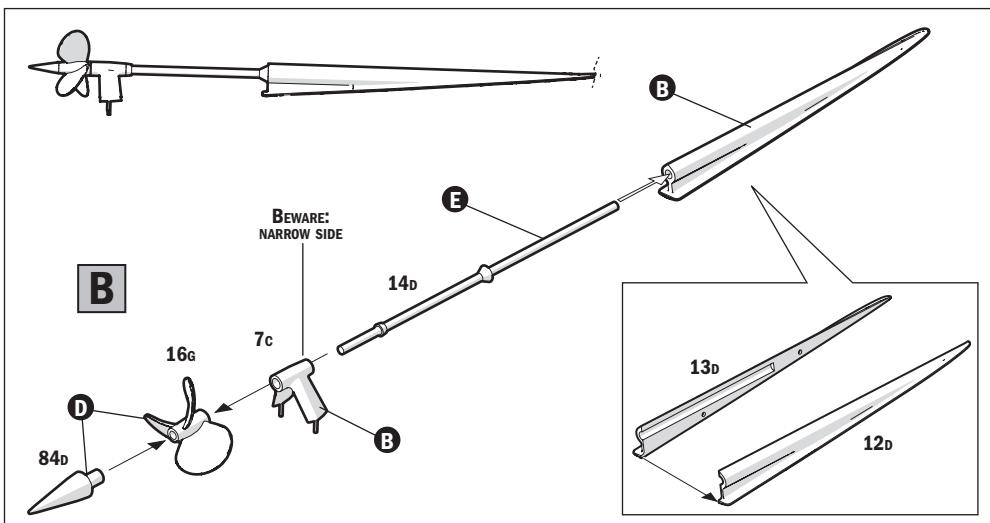
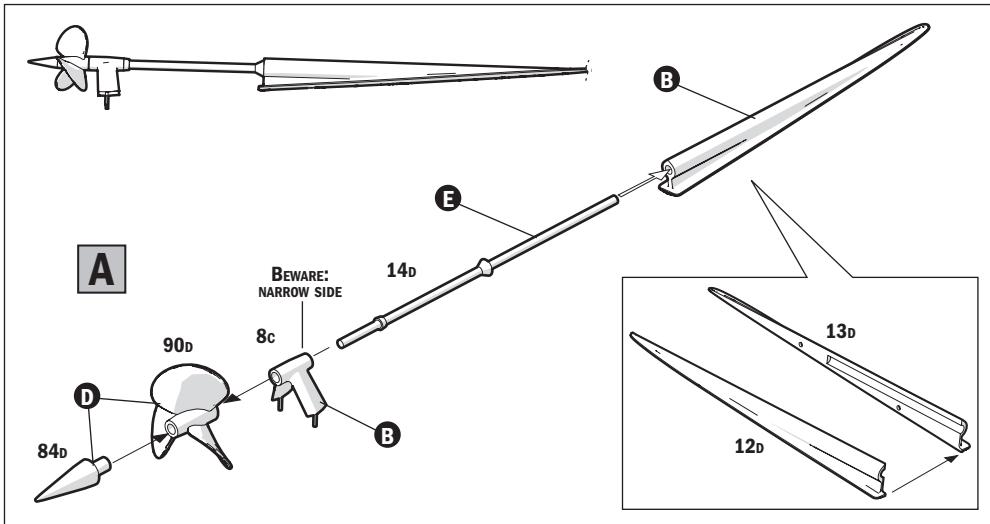
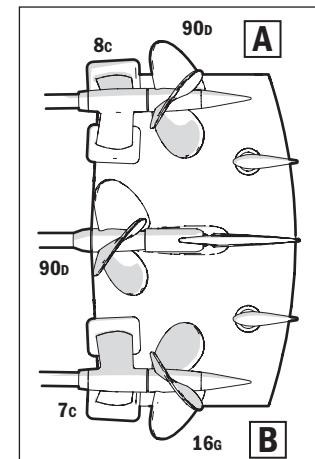
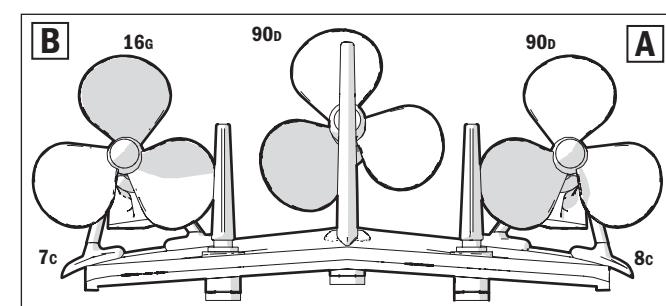
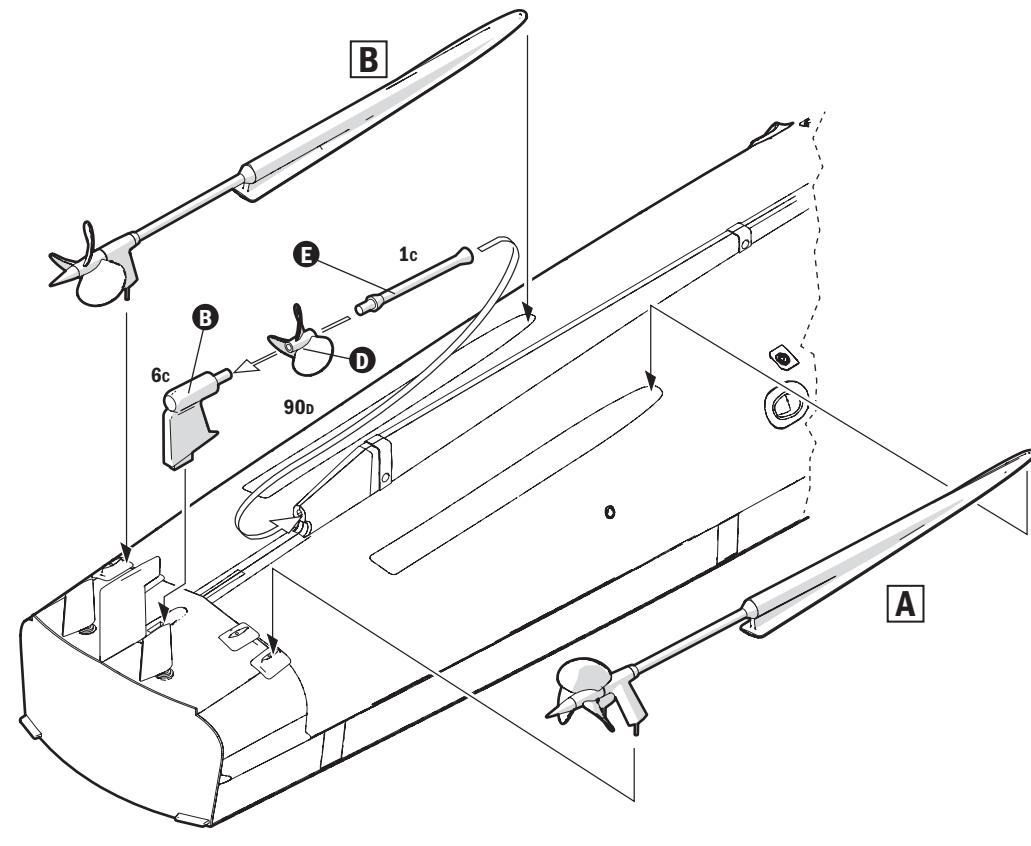


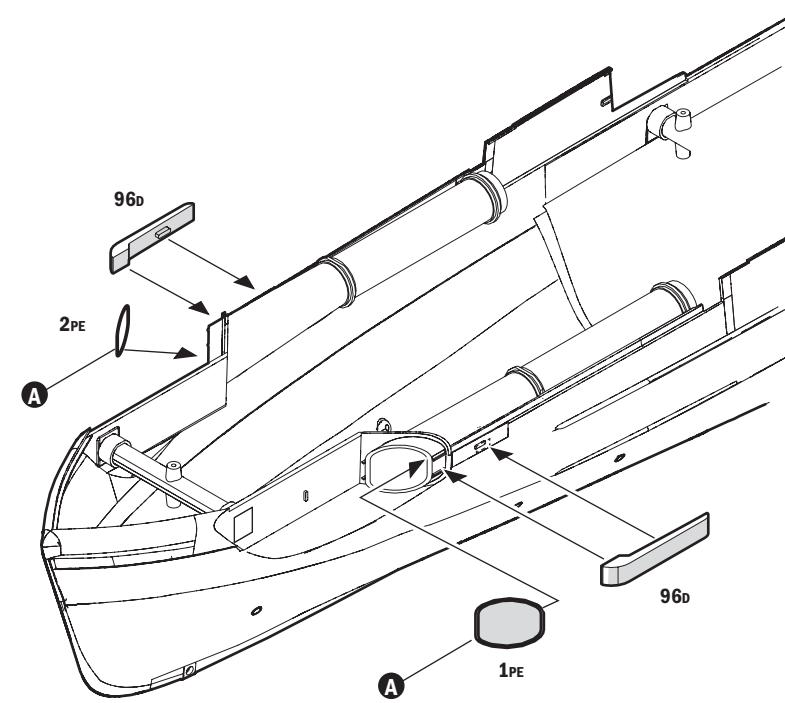
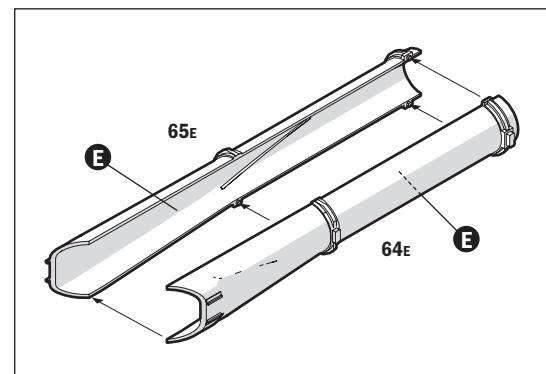
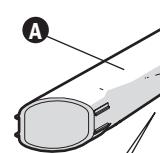
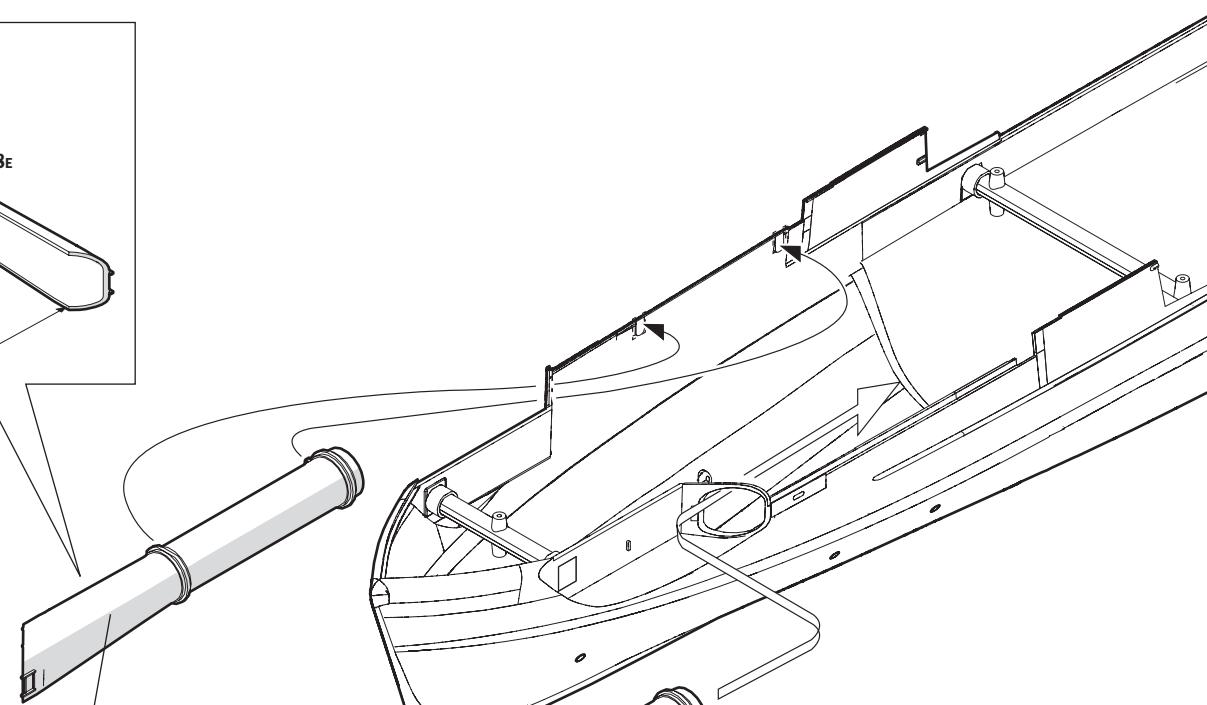
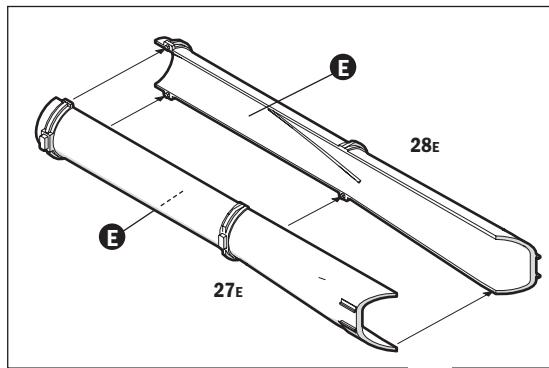
Parts not for use  
Teile werden nicht verwendet  
Parti da non utilizzare  
Pièces à ne pas utiliser

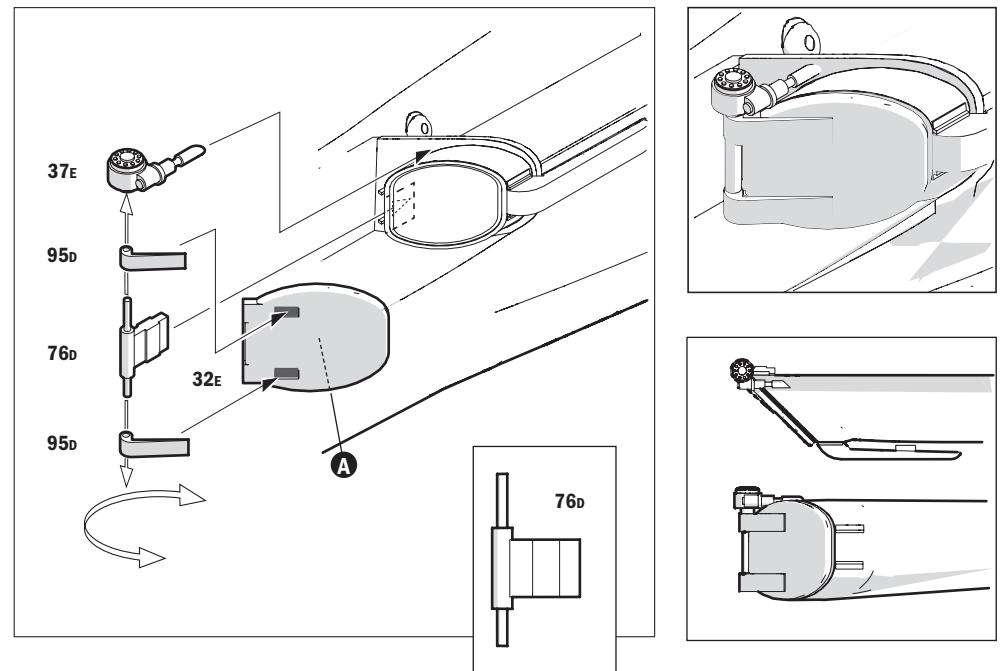
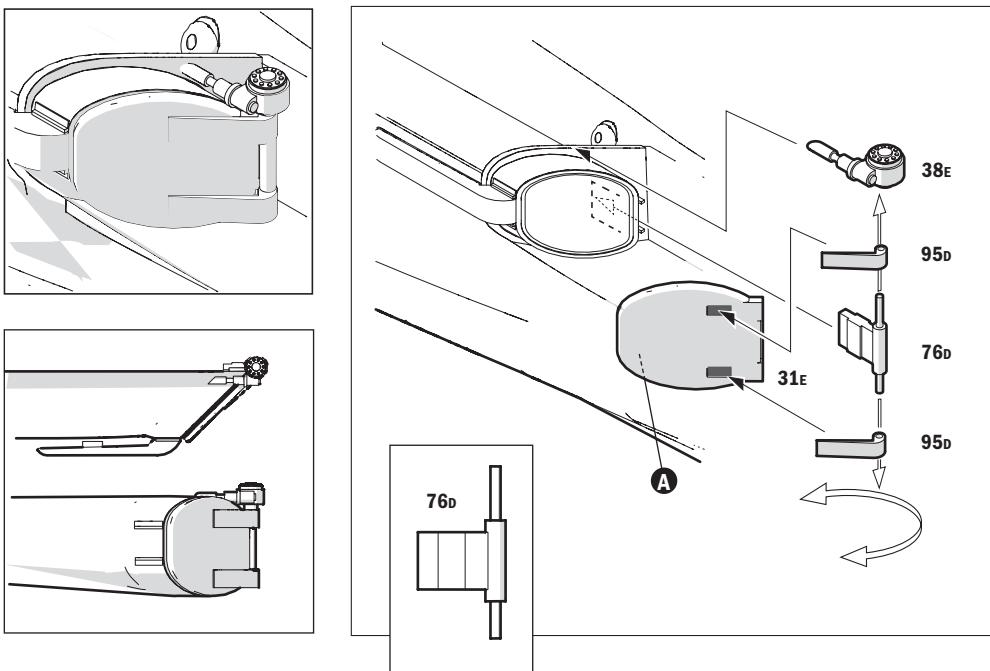
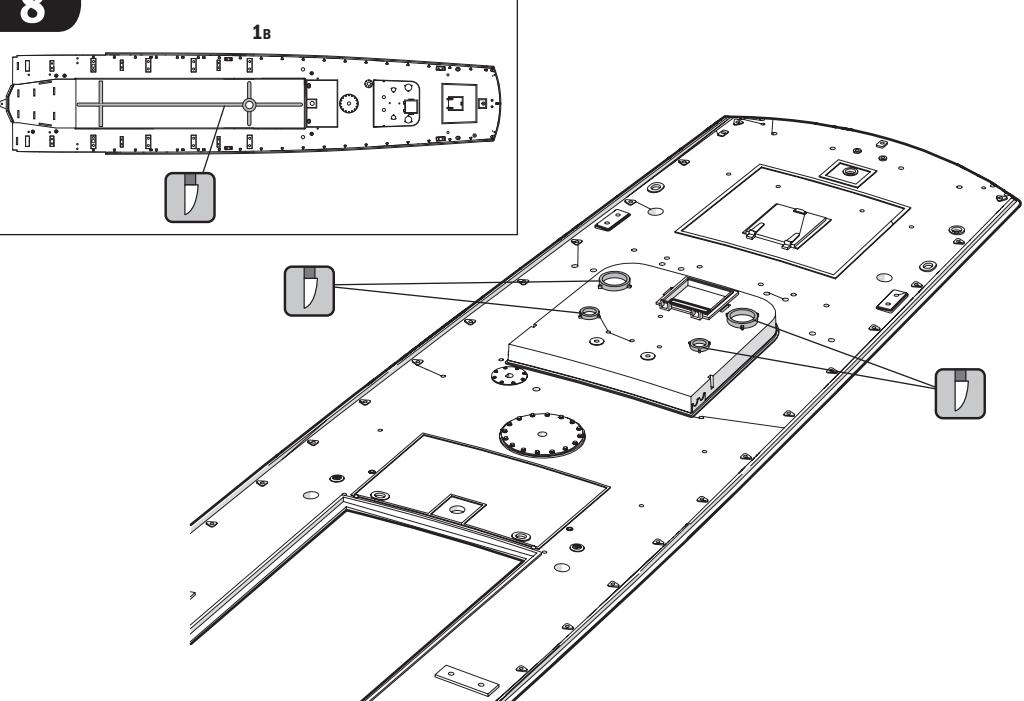
**H****F****G**

**1**

**2****3**

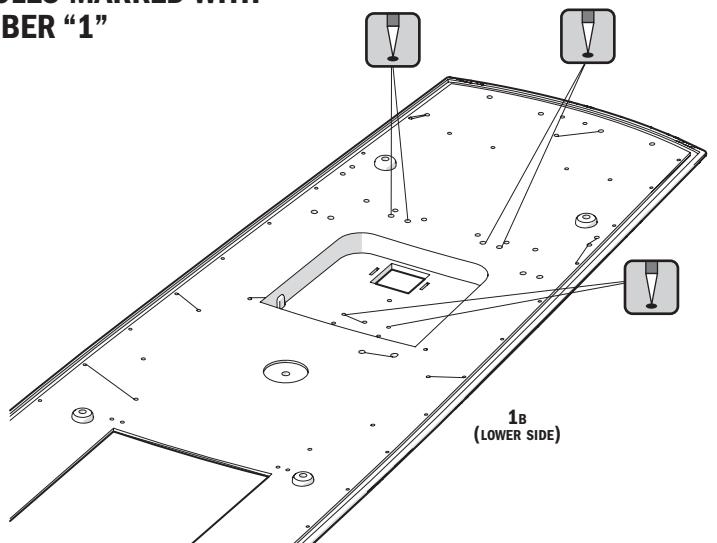
**4****5**

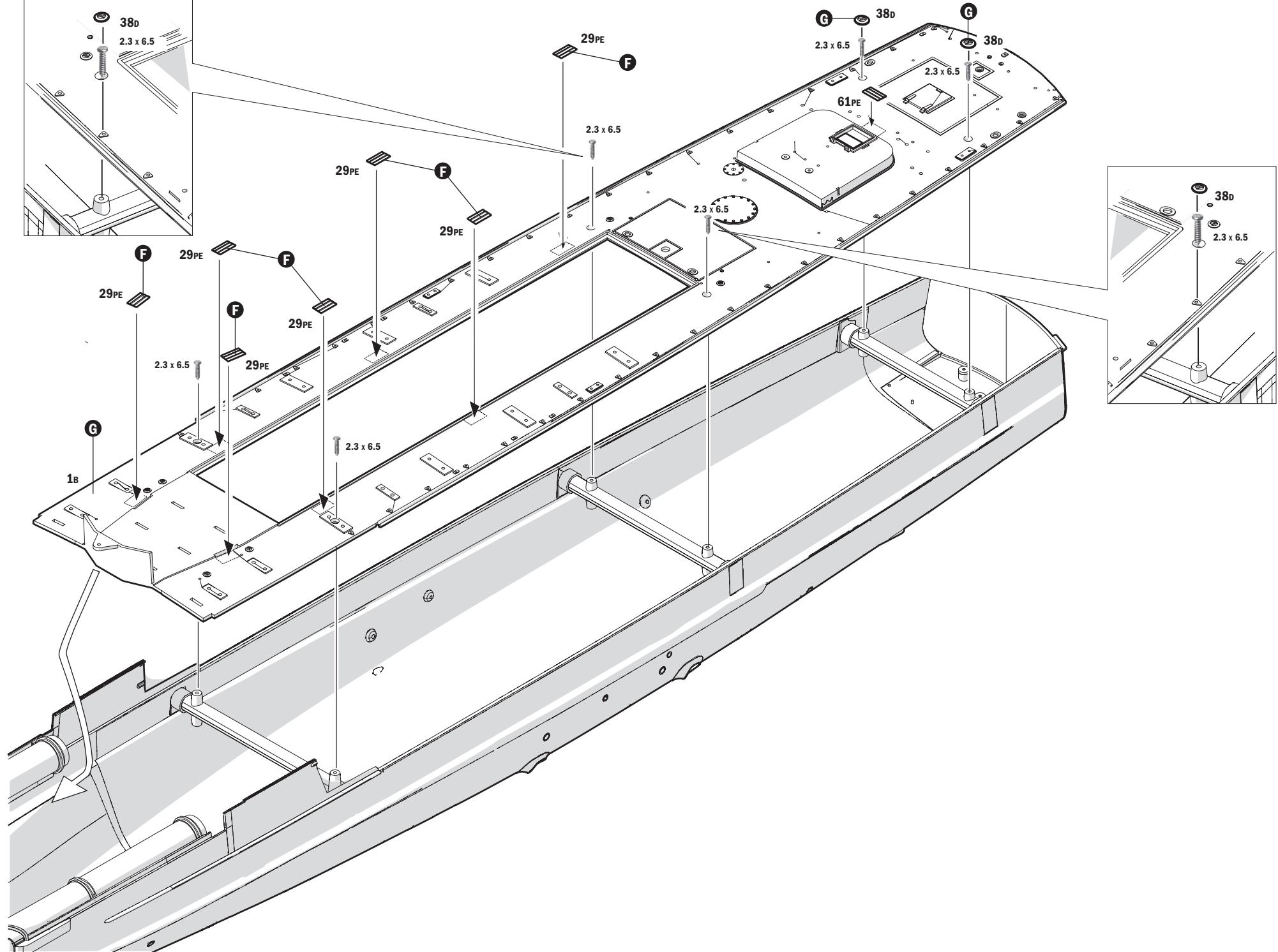
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**7****8**

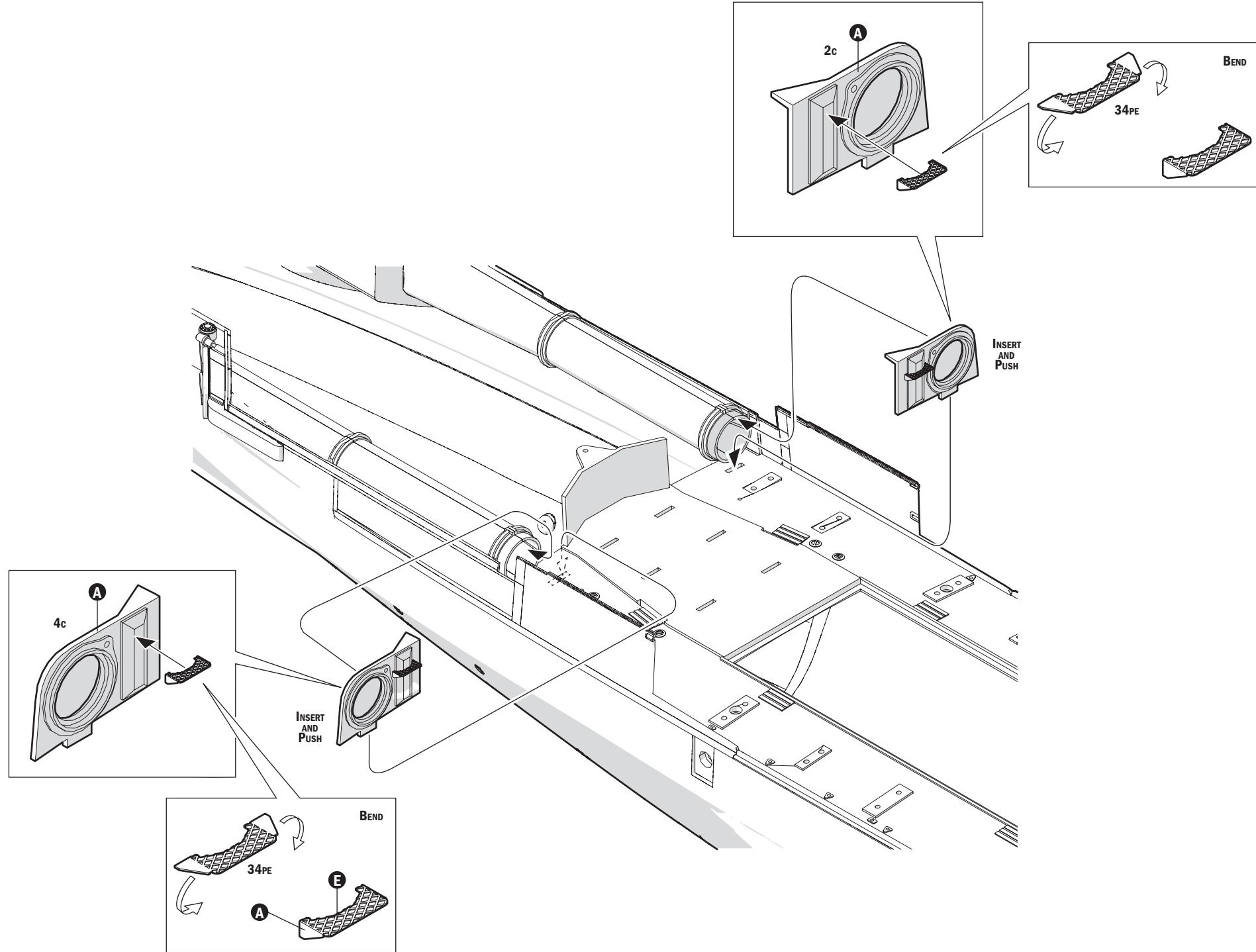
**IN ORDER TO BUILD AN "S.38" OPEN ONLY THE  
HOLES MARKED WITH NUMBER "2" AND THE  
HOLES NOT MARKED BY NUMBERS.**

**DO NOT OPEN HOLES MARKED WITH  
NUMBER "1"**



**9**

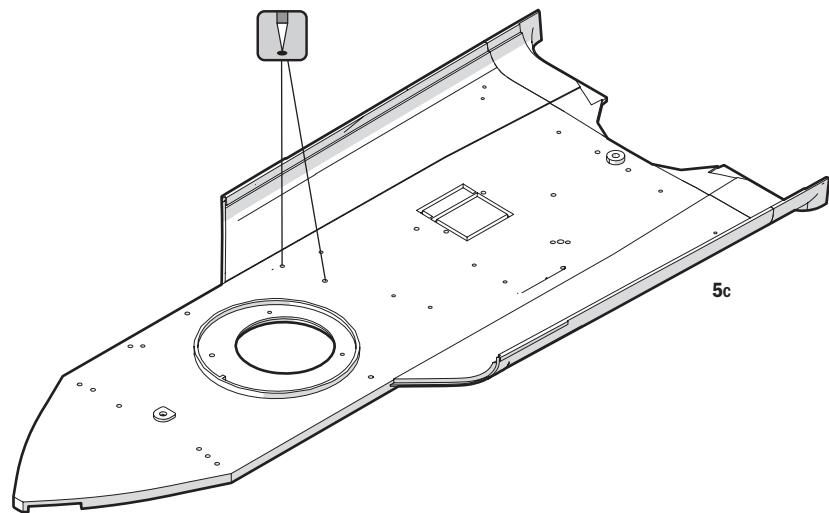
**10**



**11**

**VERSION WITH GUN**

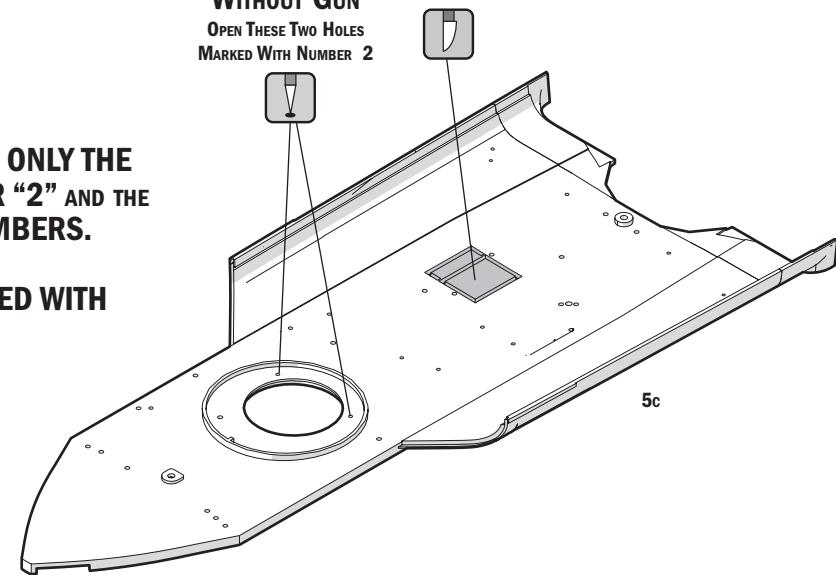
OPEN THESE TWO HOLES



**ALTERNATIVE VERSION**

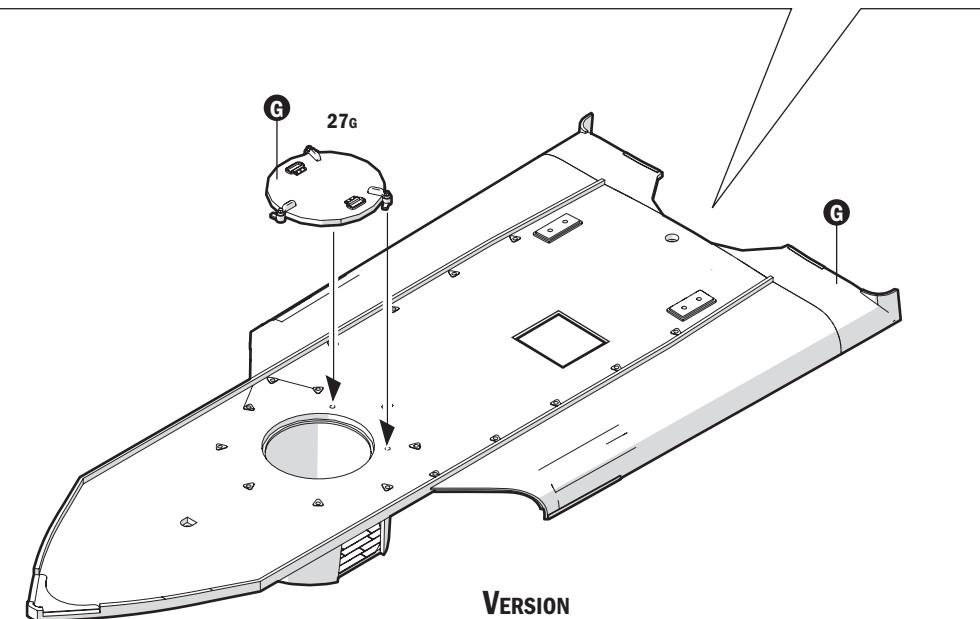
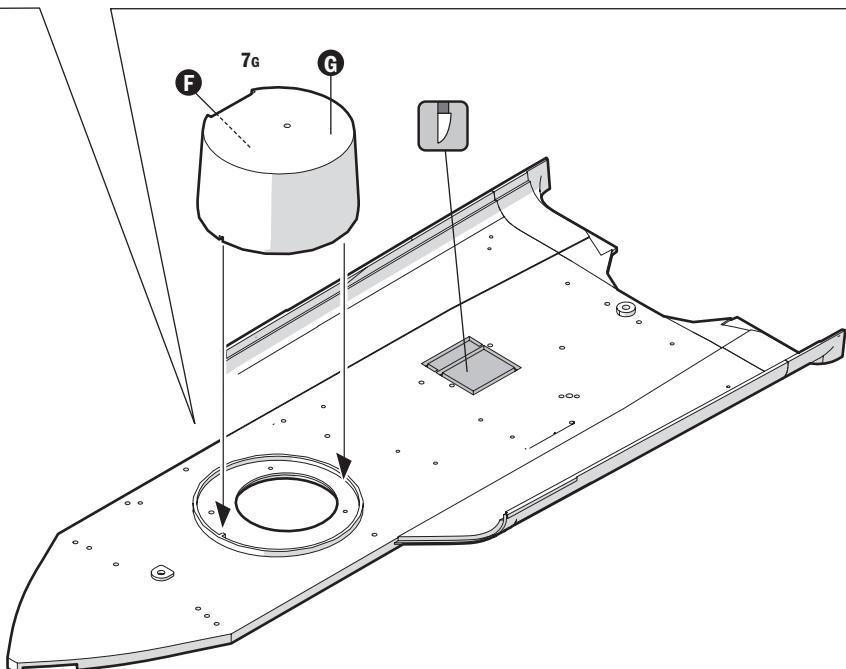
**WITHOUT GUN**

OPEN THESE TWO HOLES  
MARKED WITH NUMBER 2

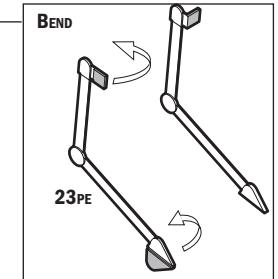
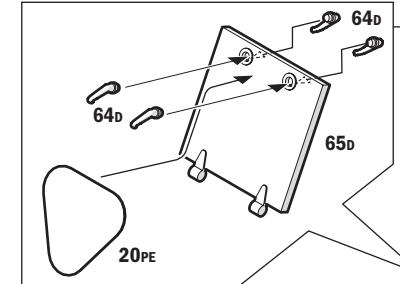
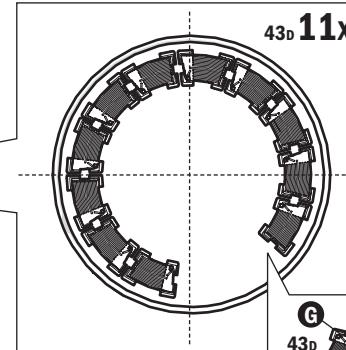
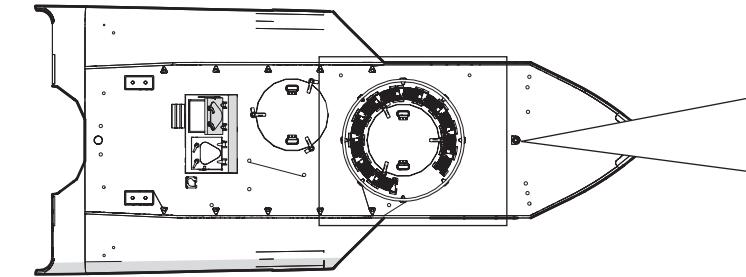
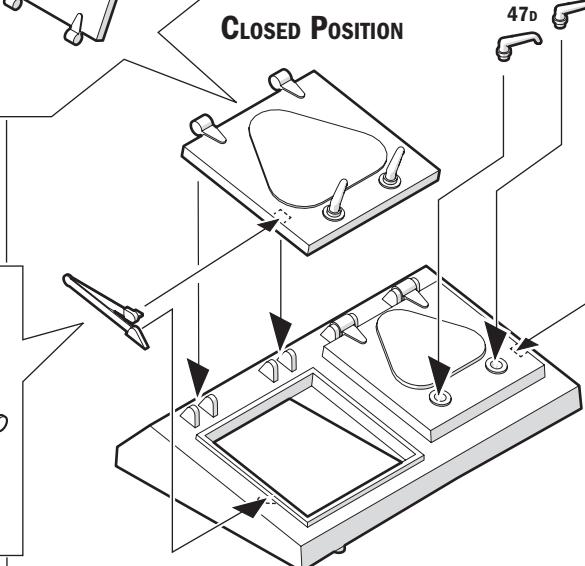
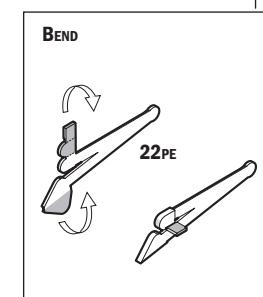
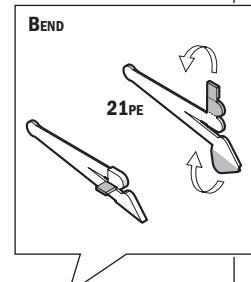
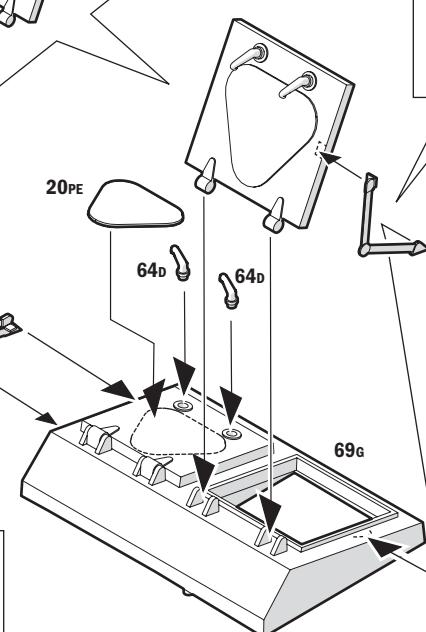
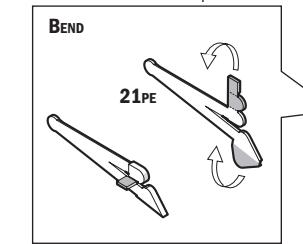
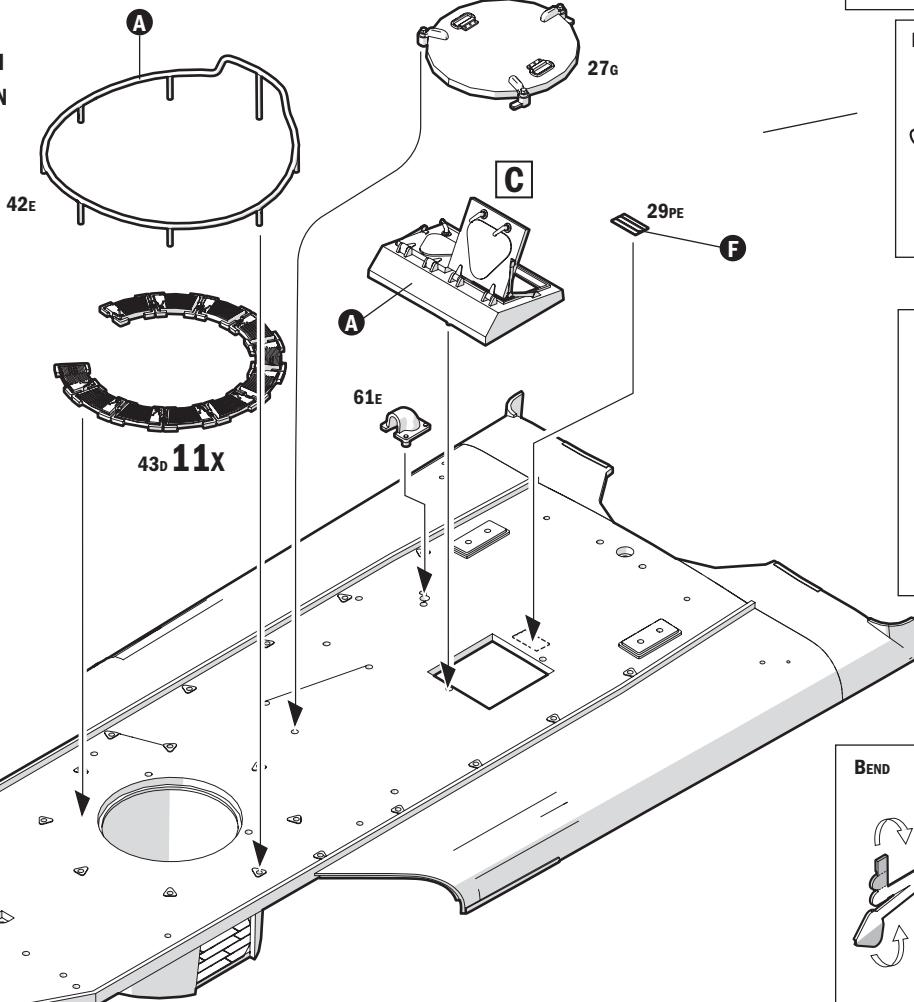


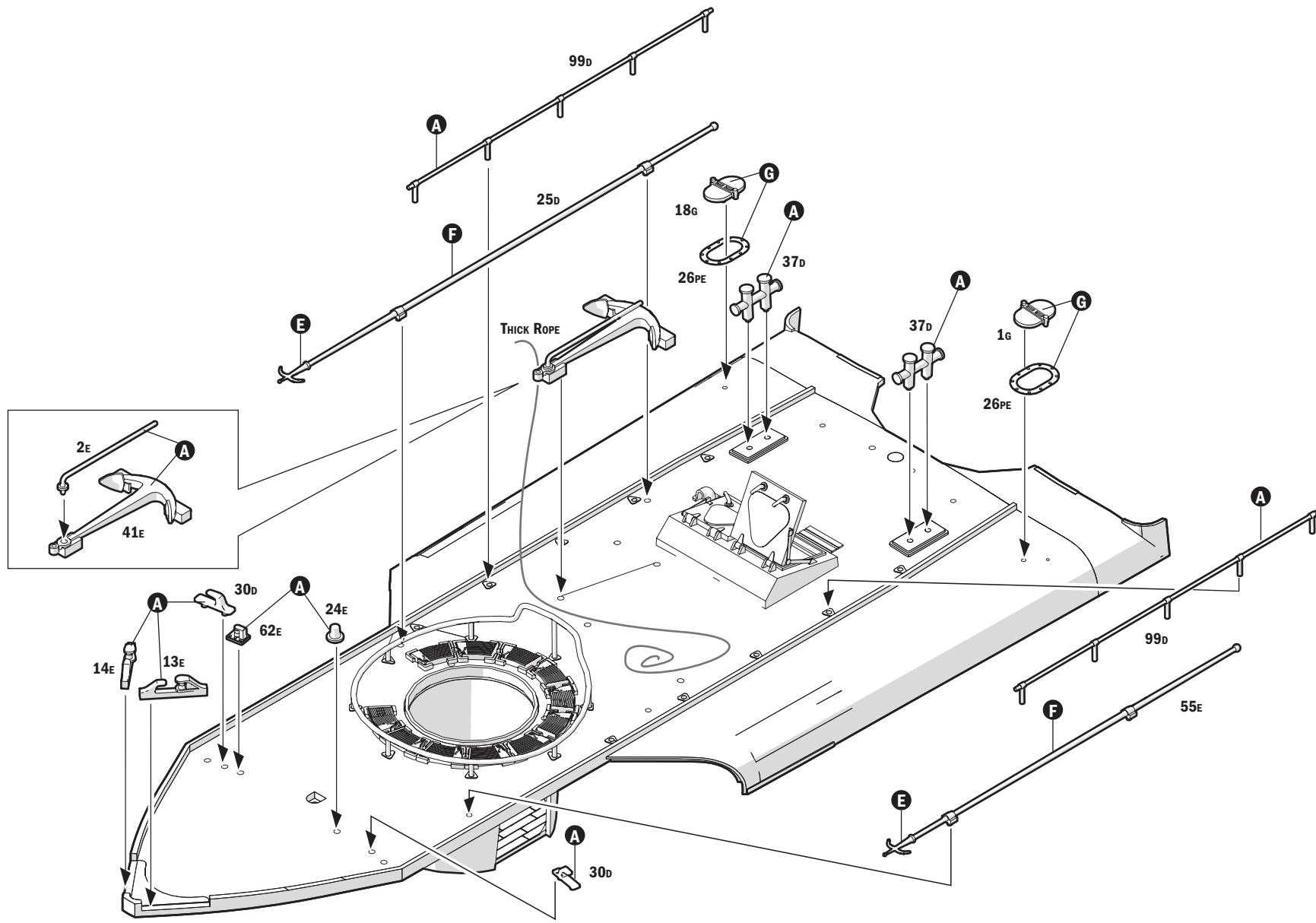
**IN ORDER TO BUILD AN "S.38" OPEN ONLY THE  
HOLES MARKED WITH NUMBER "2" AND THE  
HOLES NOT MARKED BY NUMBERS.**

**DO NOT OPEN HOLES MARKED WITH  
NUMBER "1"**

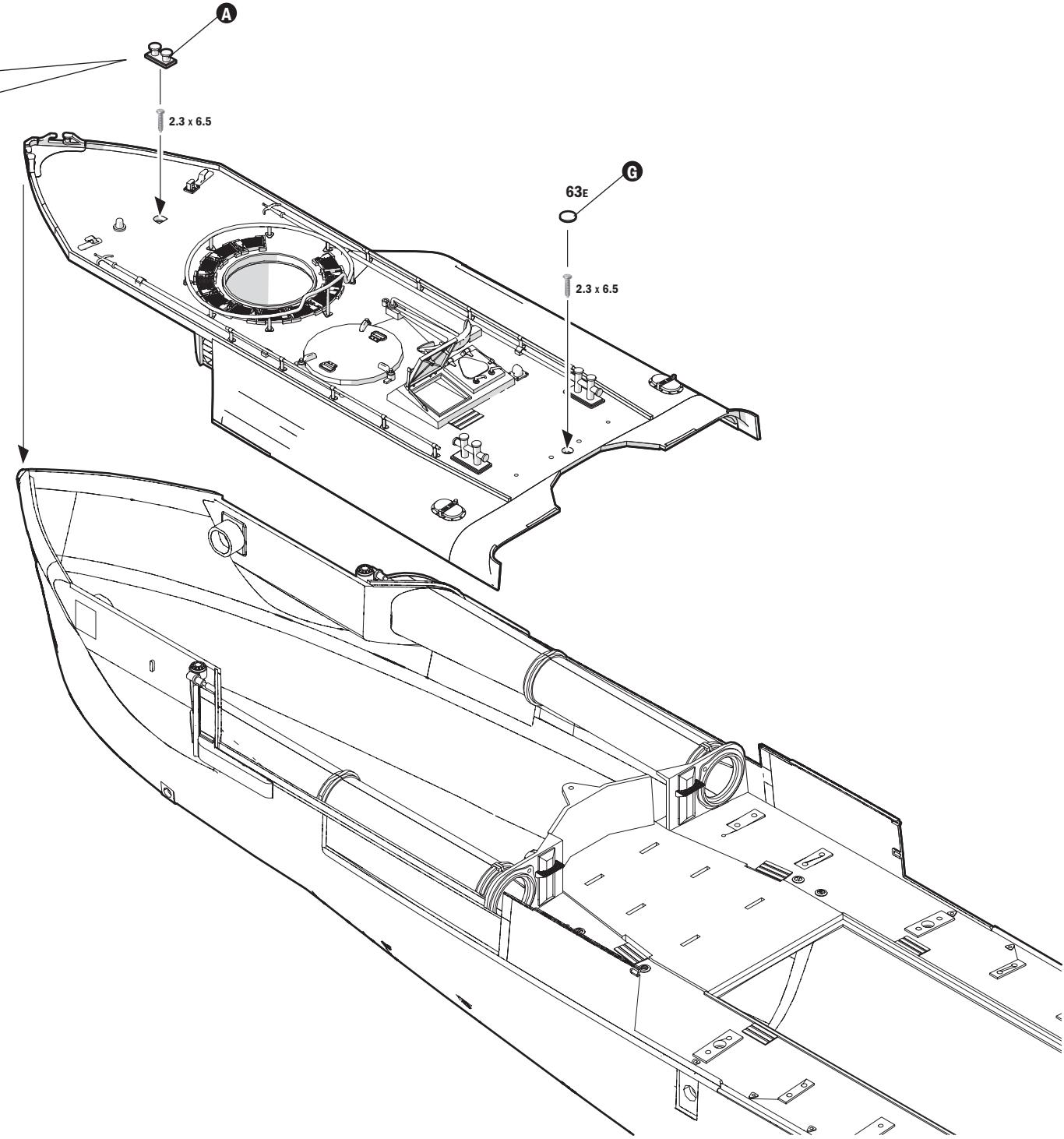
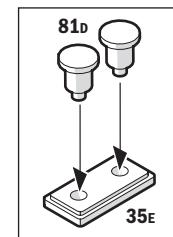


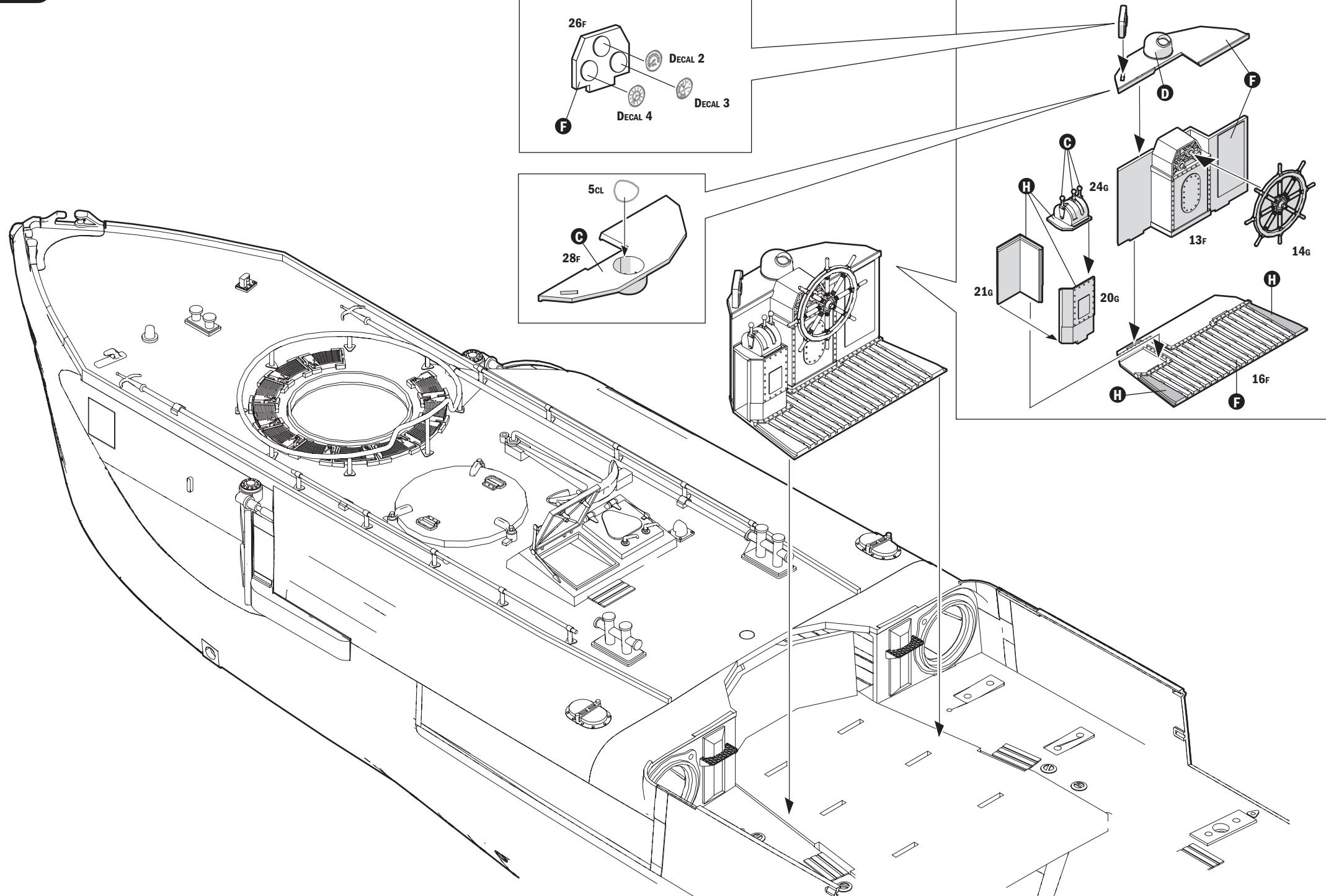
**VERSION  
WITHOUT GUN**

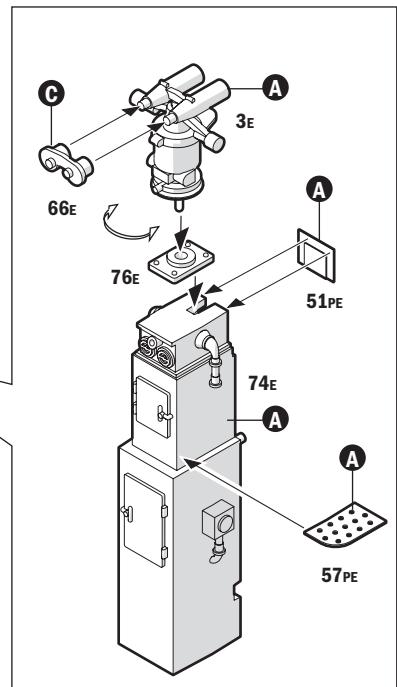
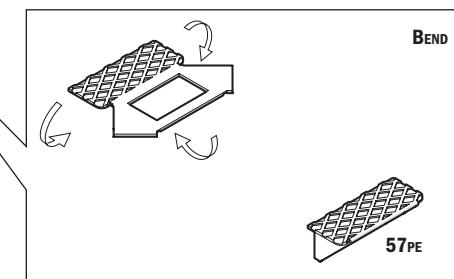
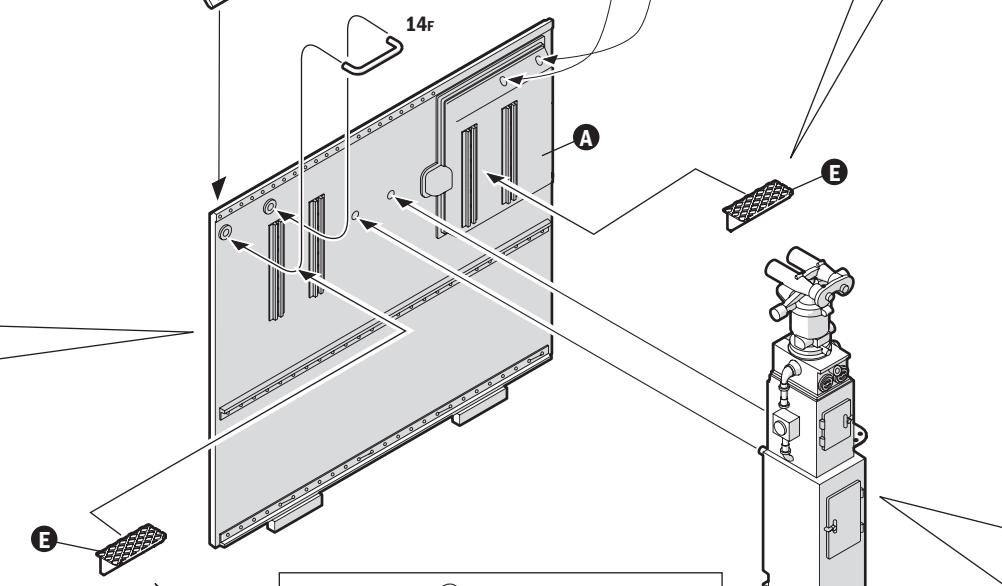
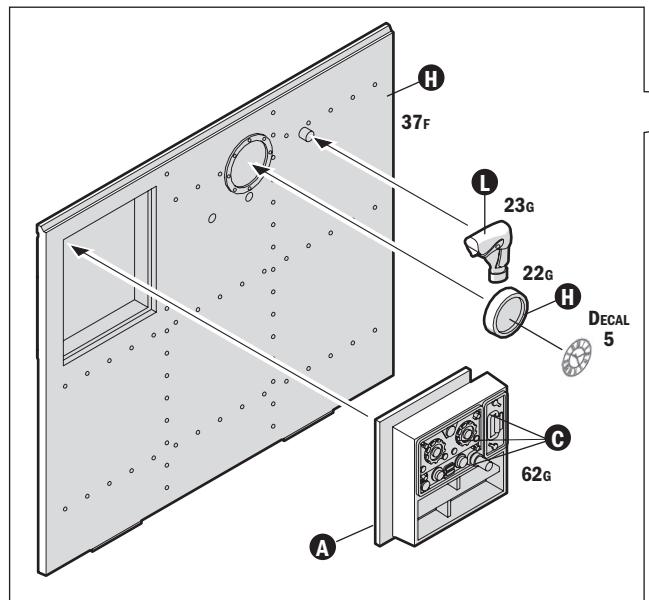
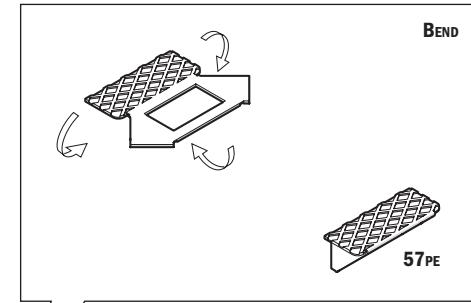
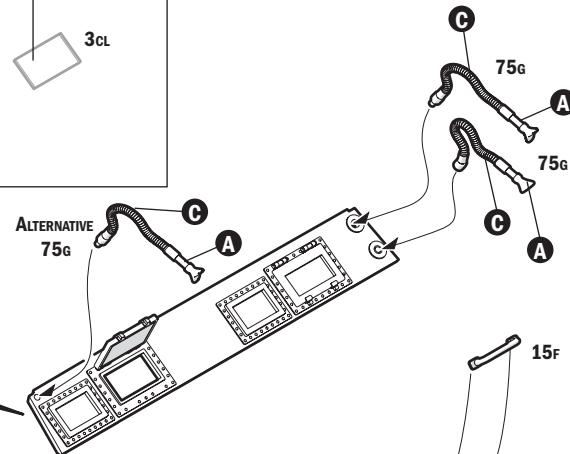
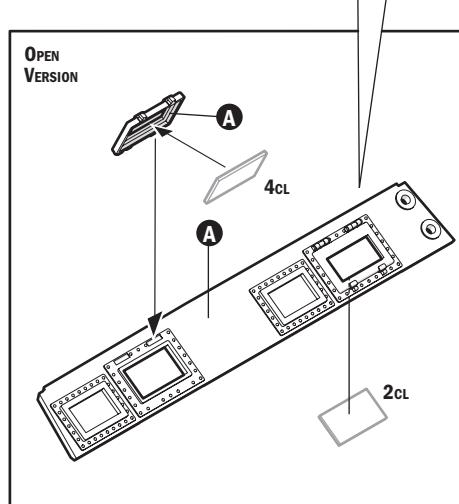
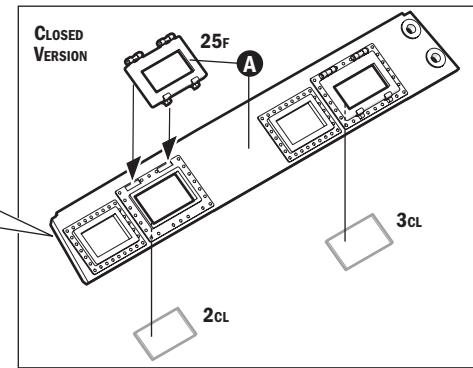
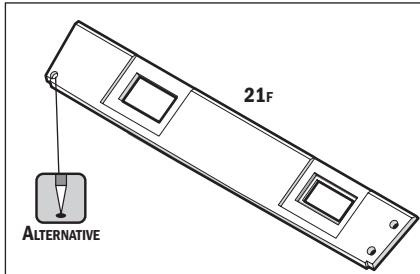
**12****VERSION WITH  
20.mm GUN****C**

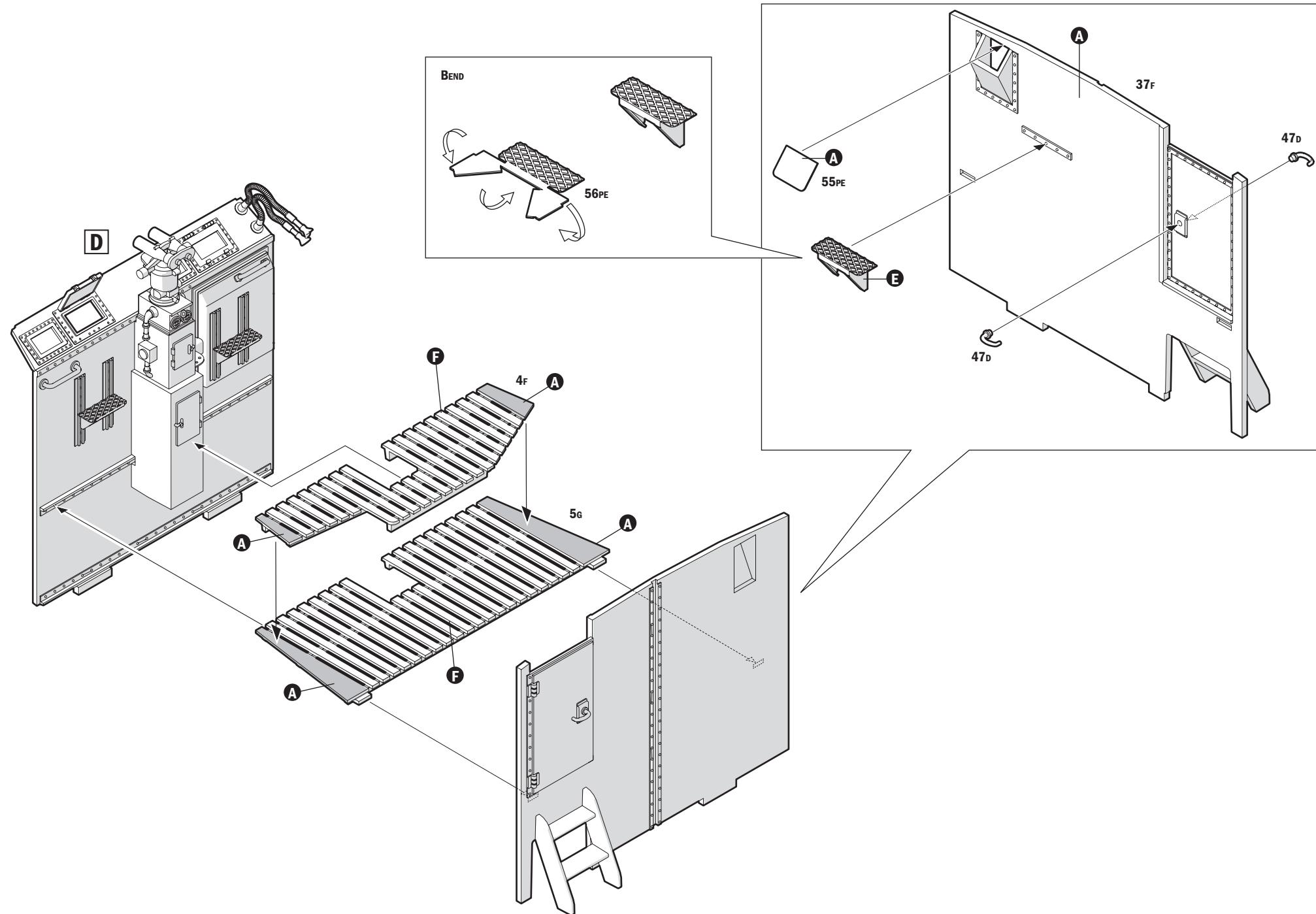


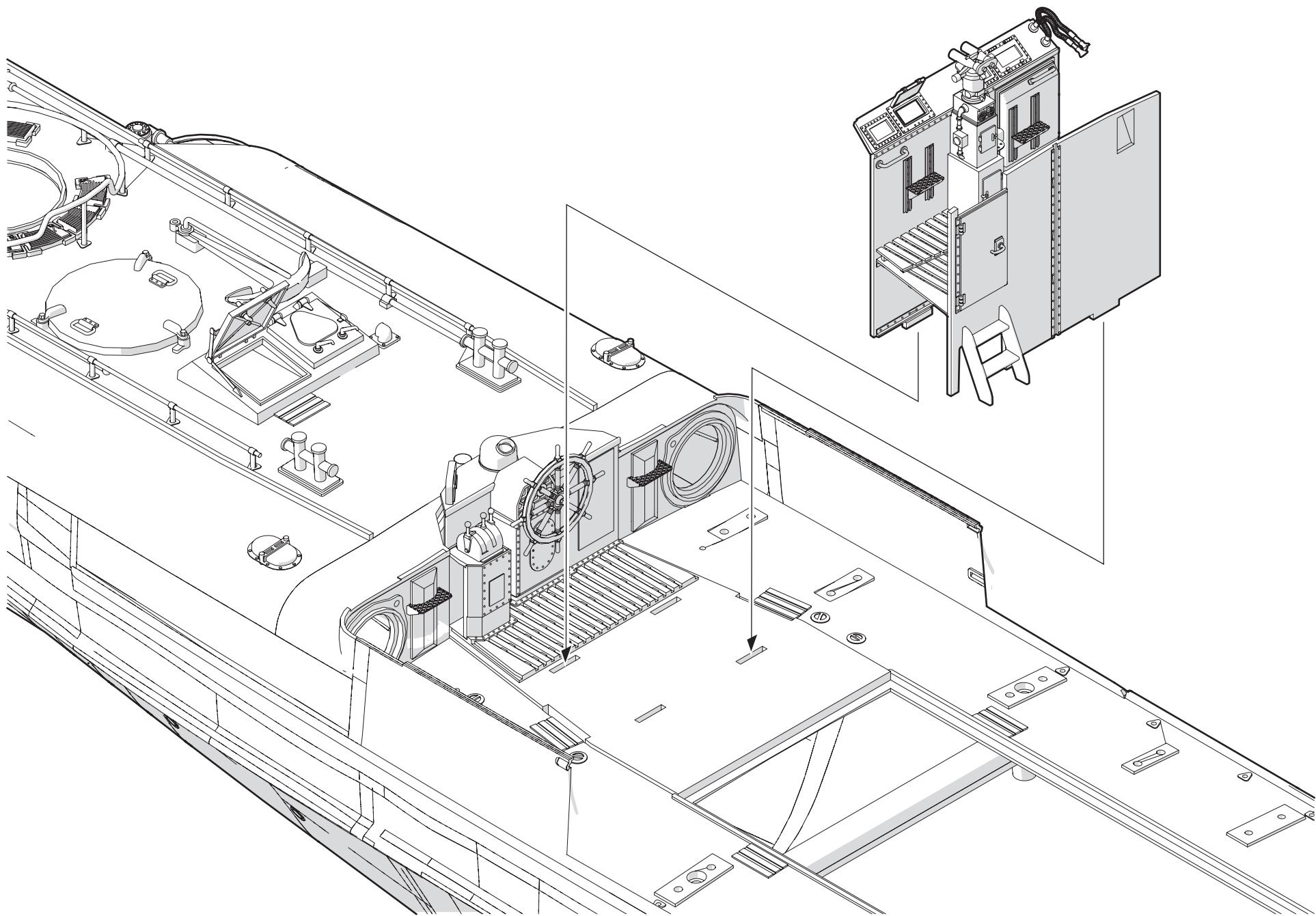
**14**

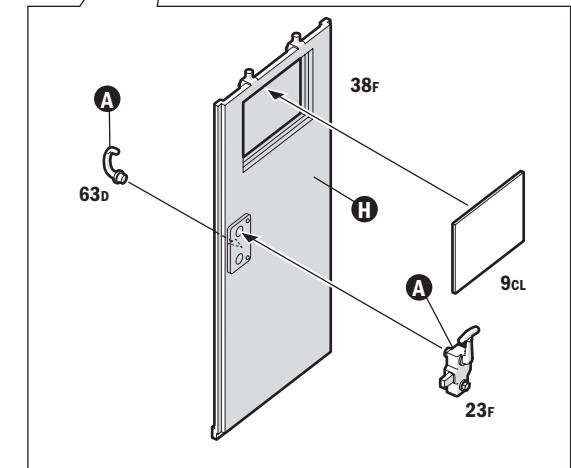
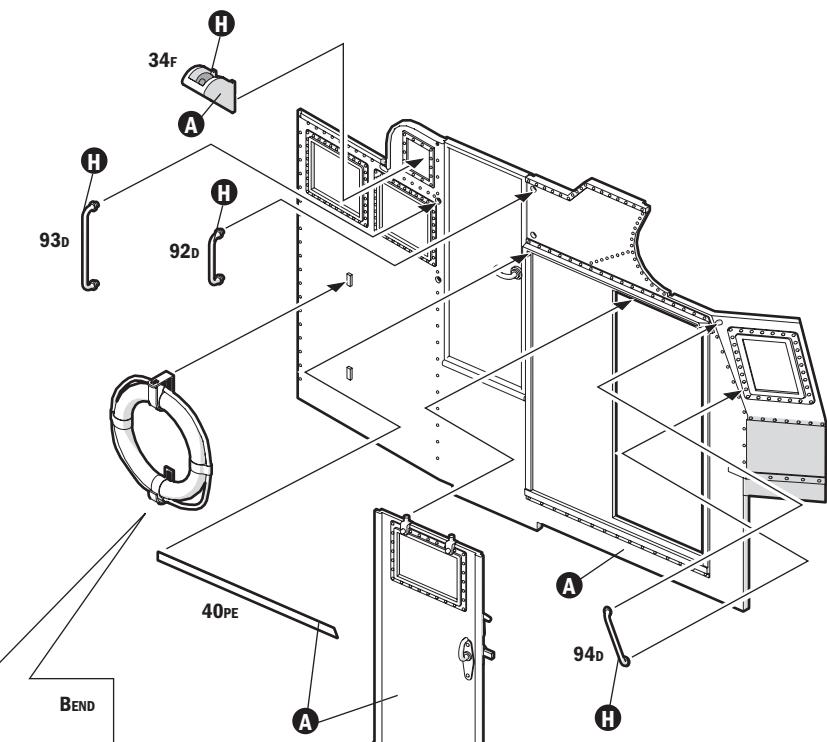
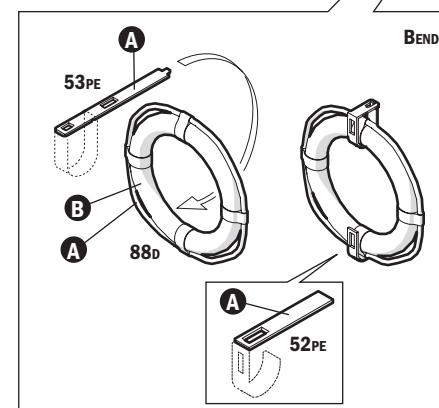
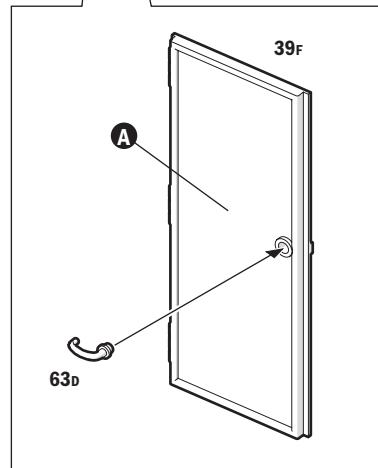
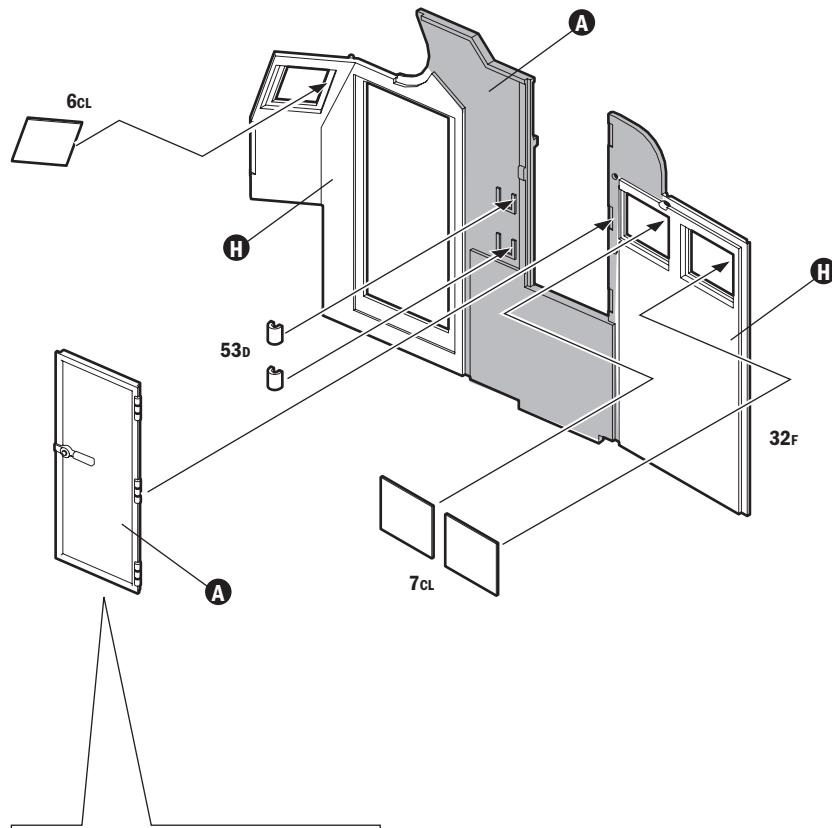


**15**

**16****D**

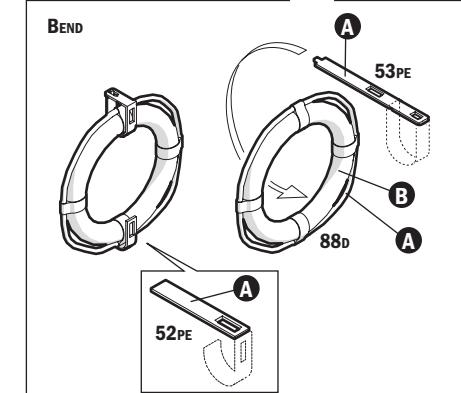
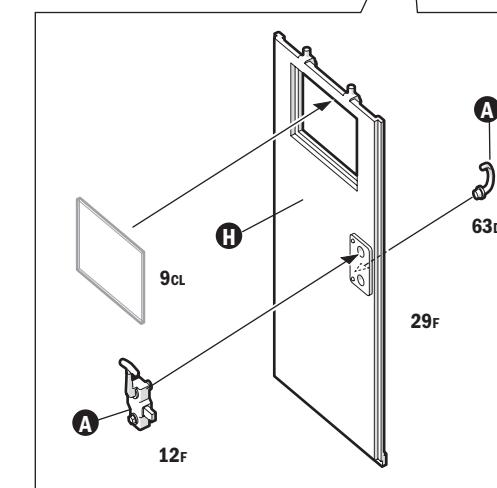
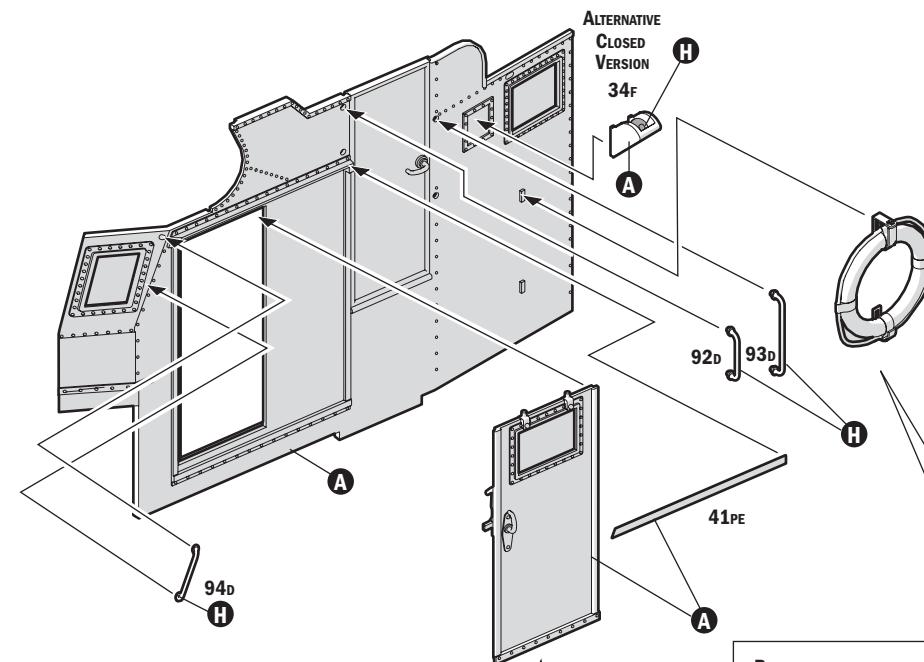
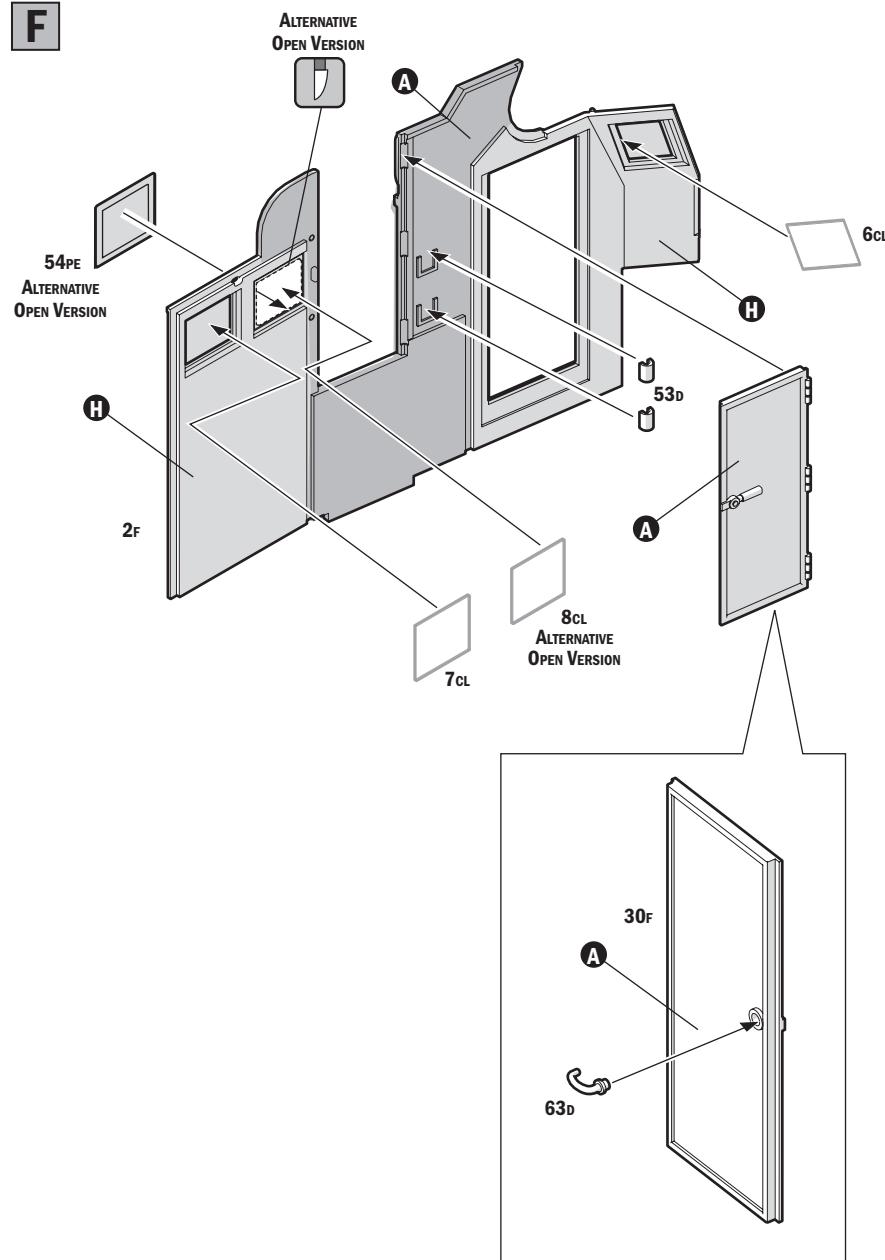


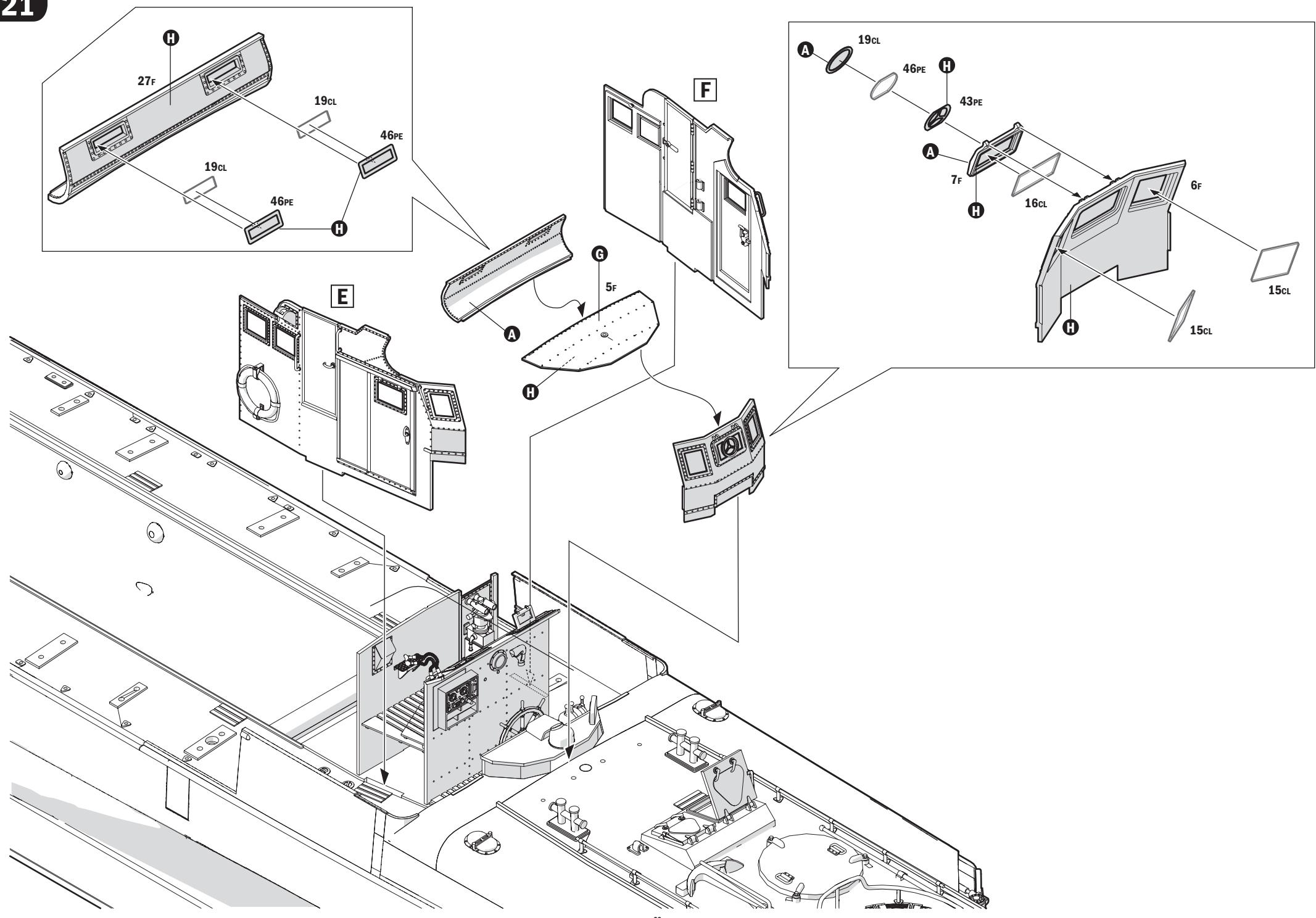
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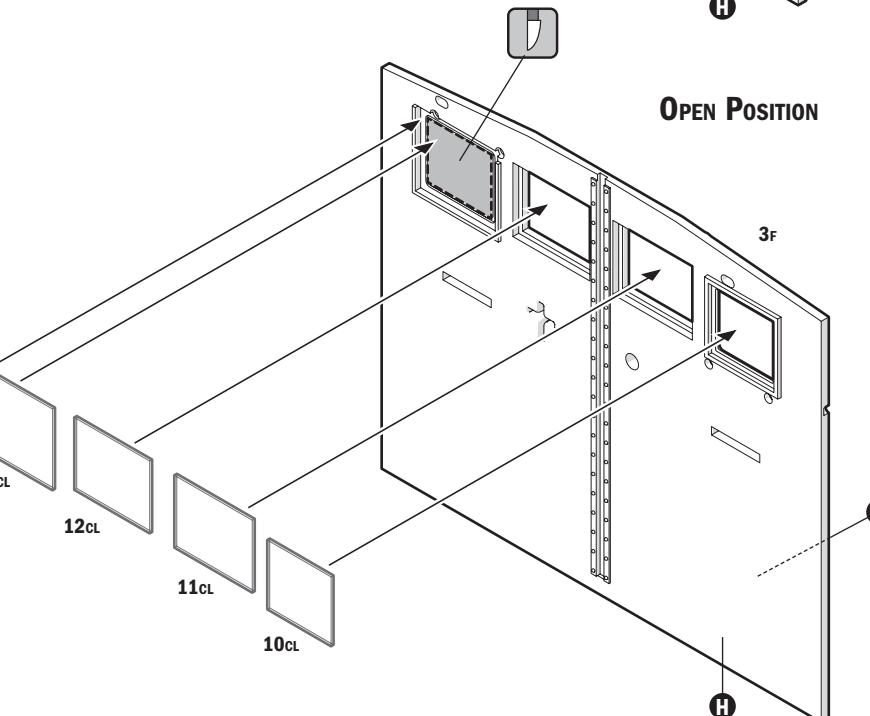
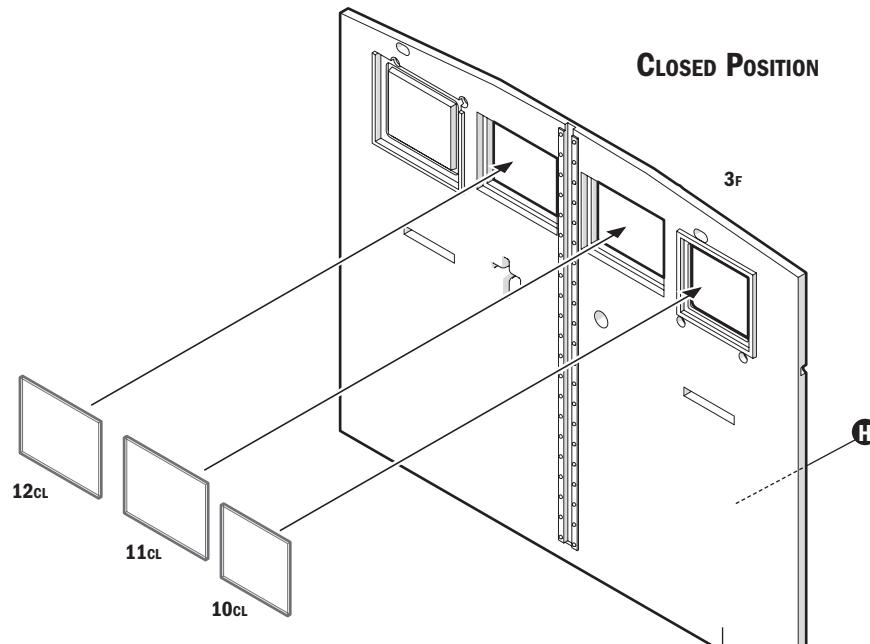
**19****E**

**20**

**F**

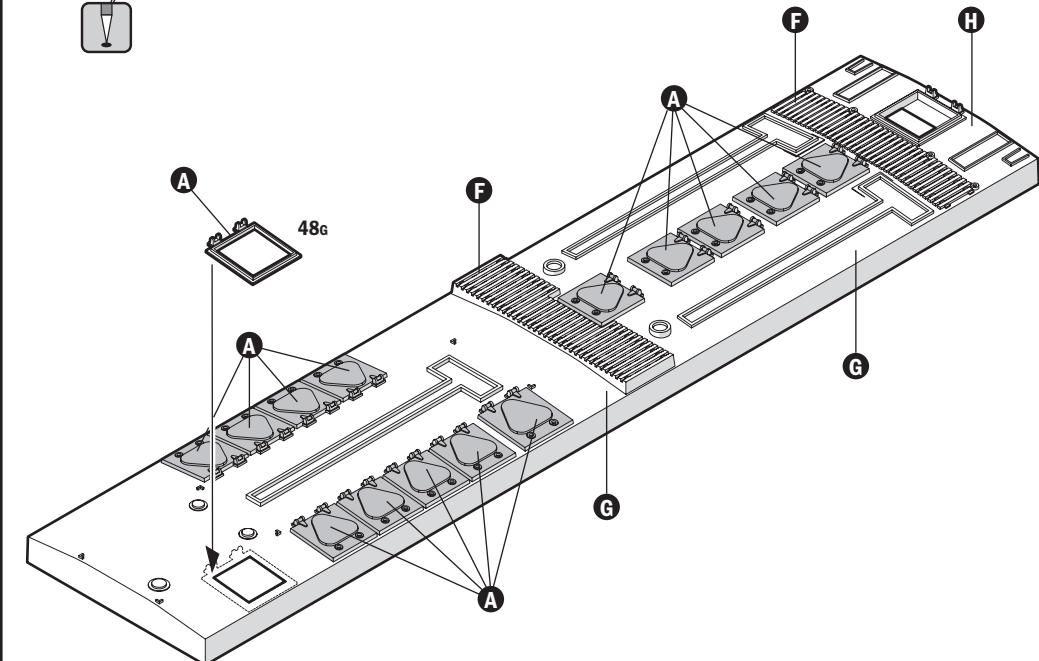
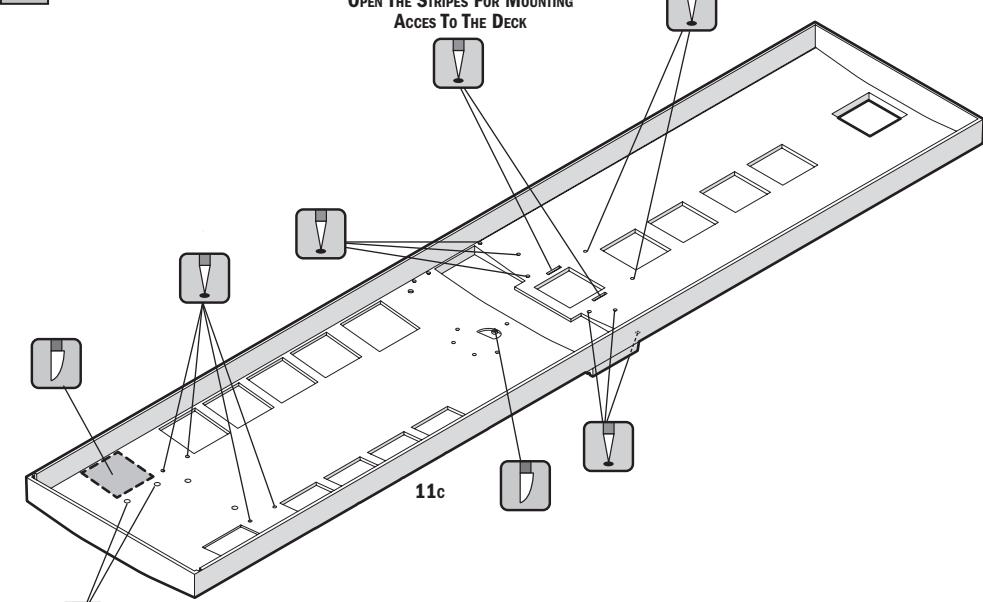


**21**

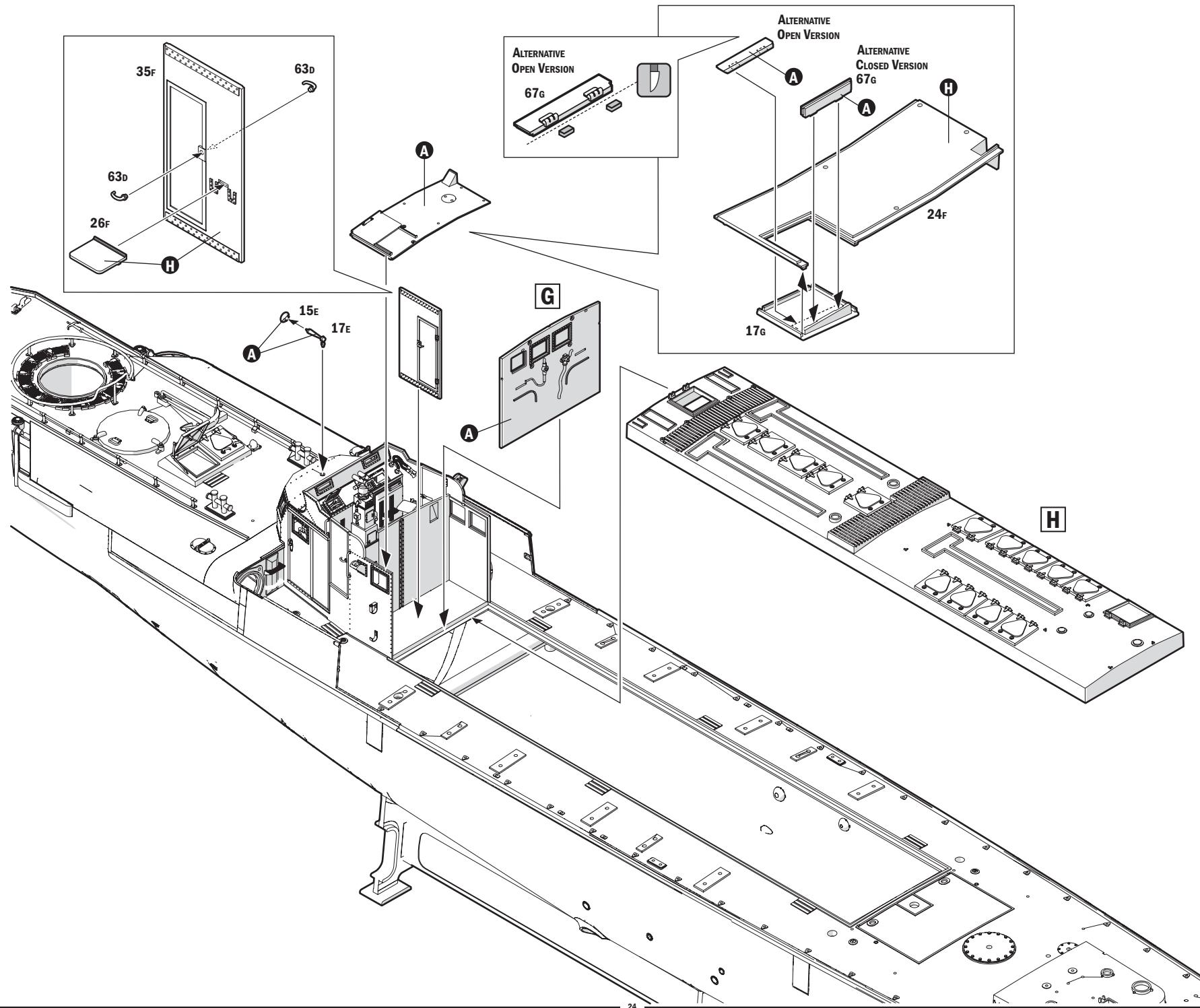
**22****G****23****H**

**ALTERNATIVE**  
OPEN THE TWO REAR HOLES FOR  
MOUNTING THE RAILING

**ALTERNATIVE**  
OPEN THE STRIPES FOR MOUNTING  
ACCE TO THE DECK

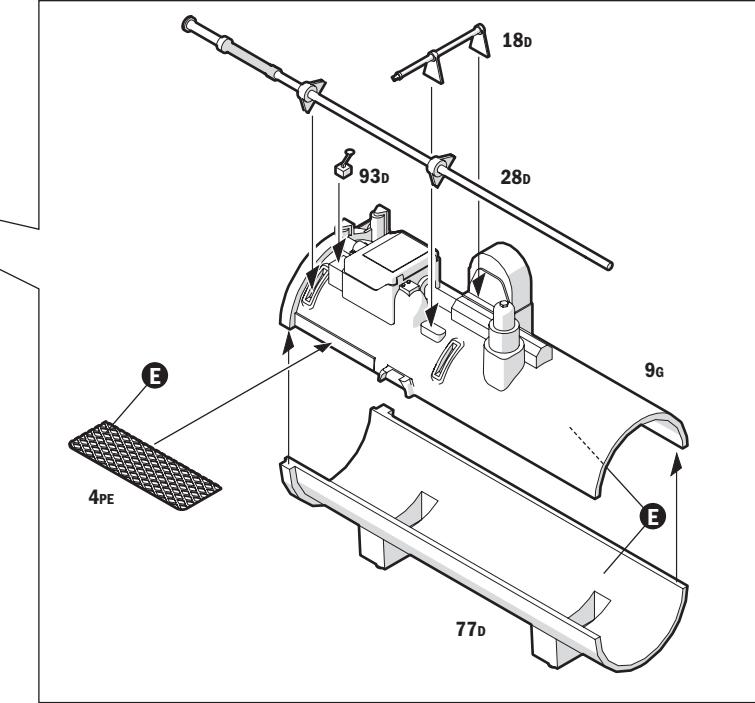
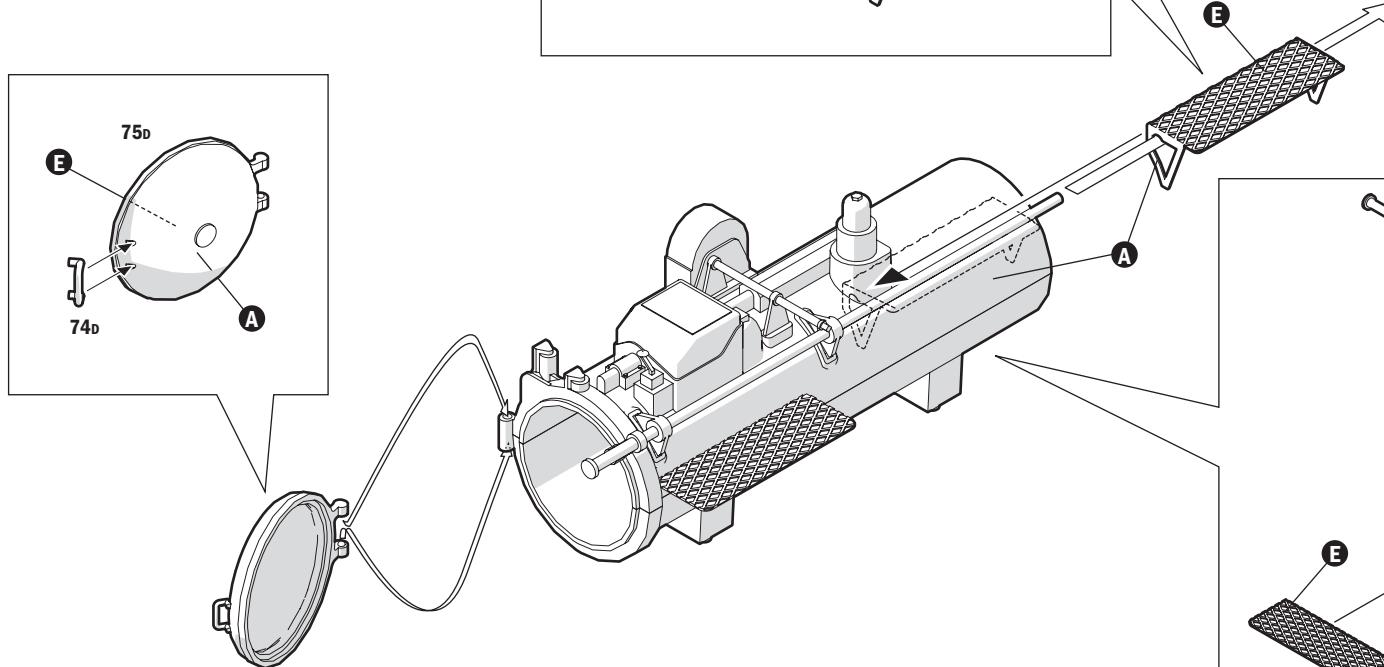
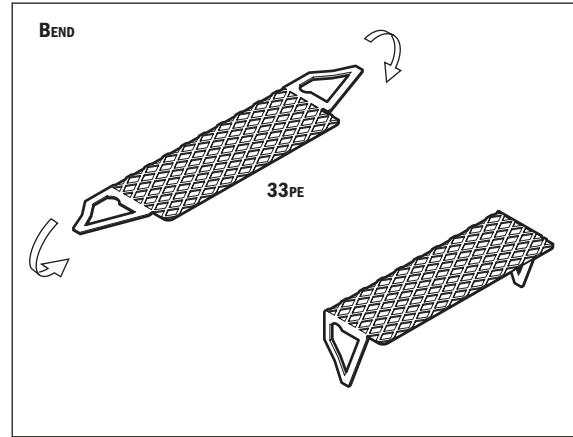
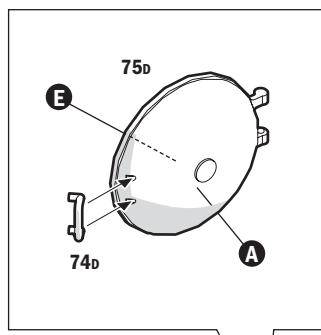


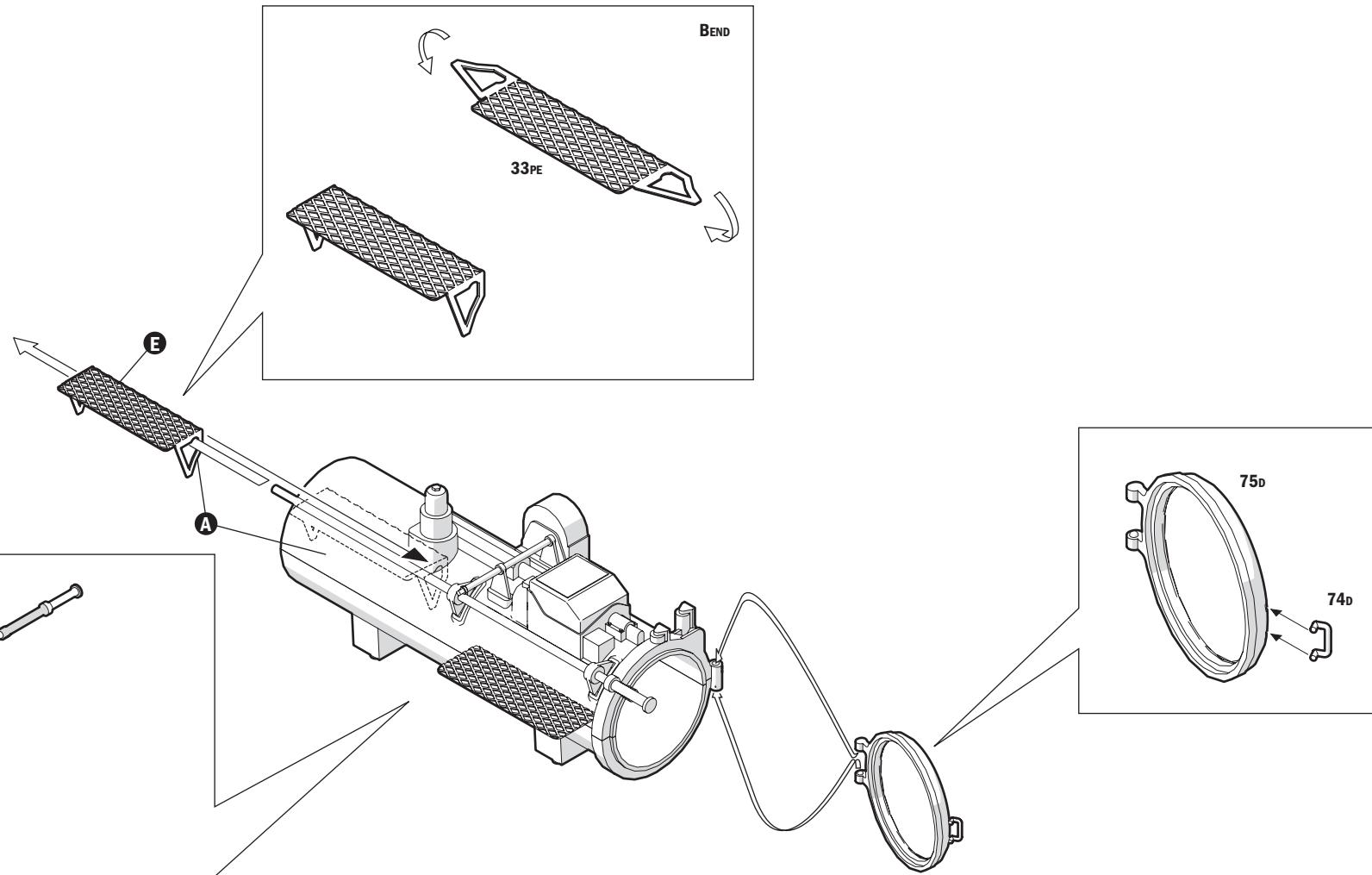
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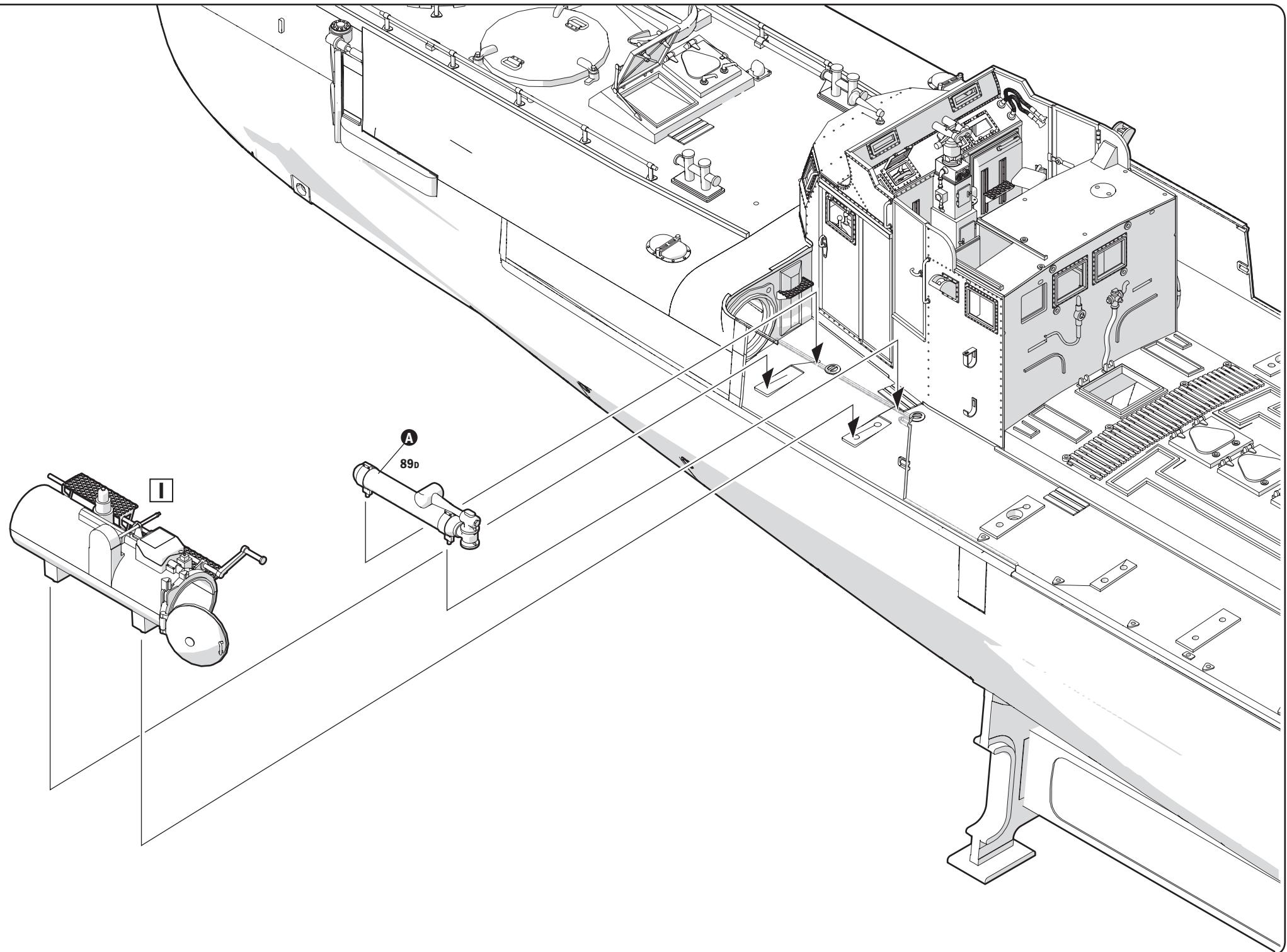
**25**

**I**

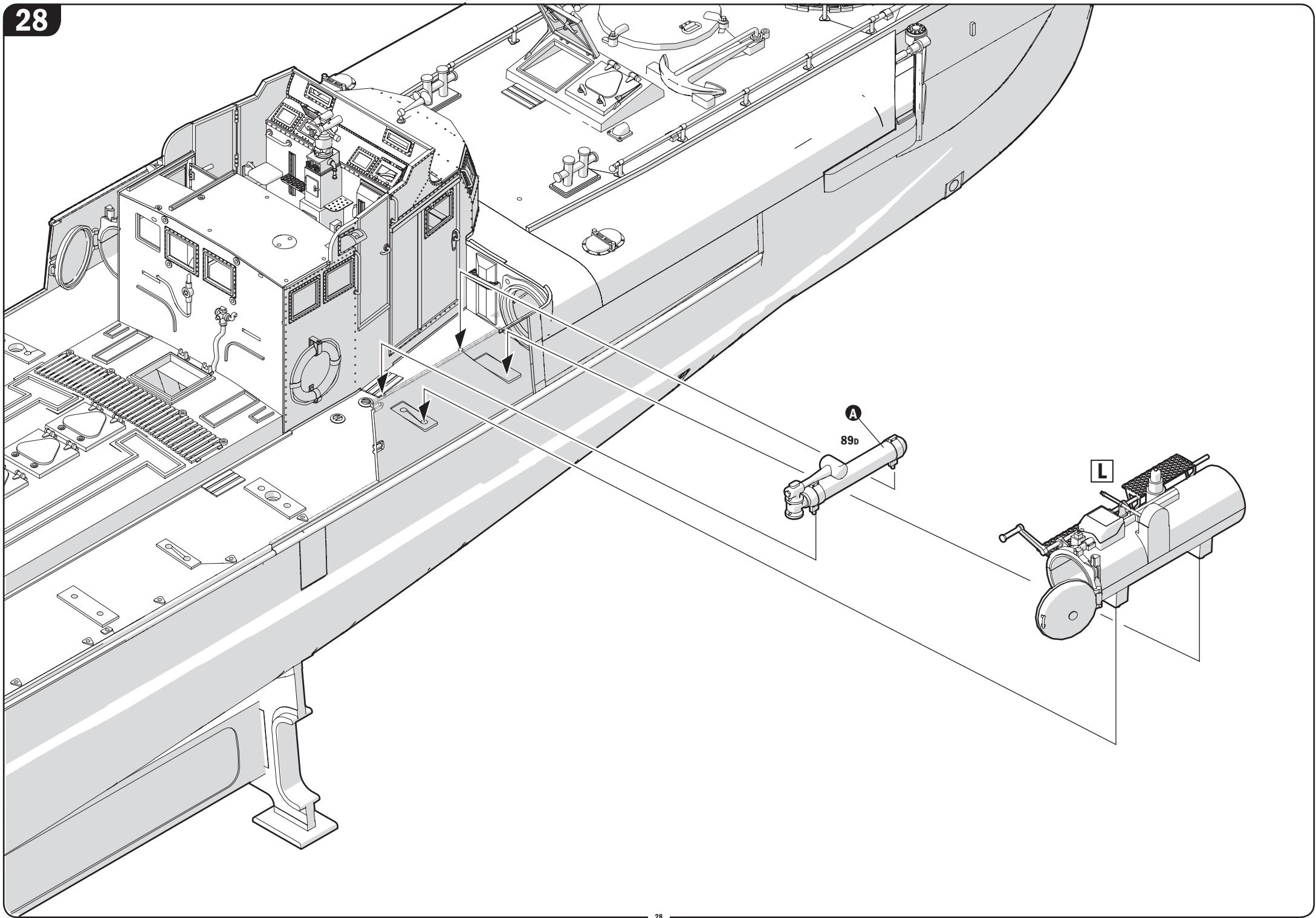


**26****L**

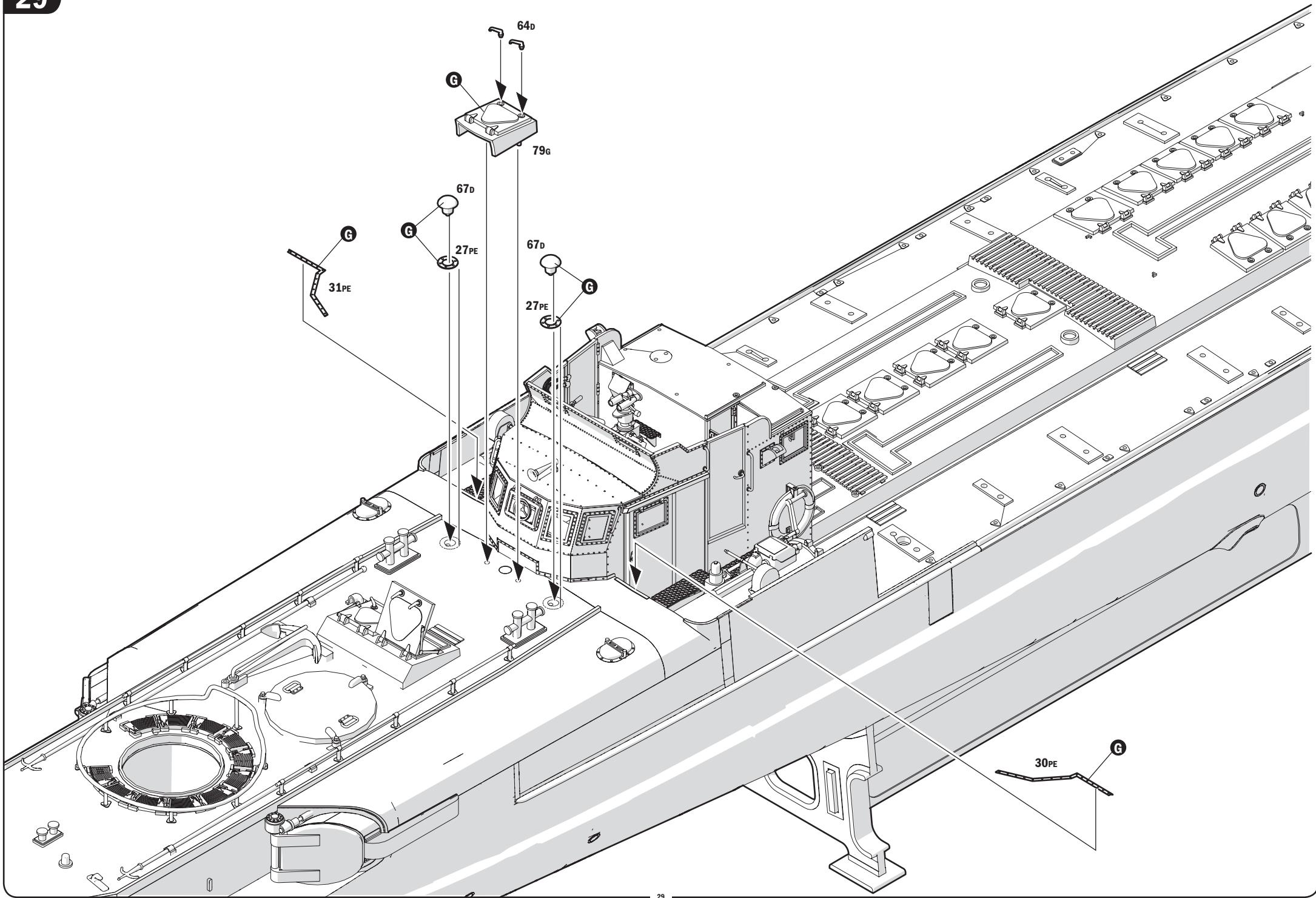
**27**



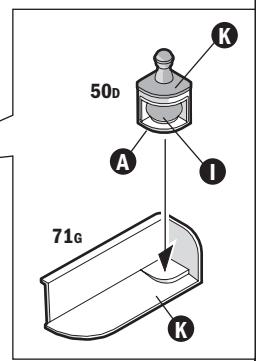
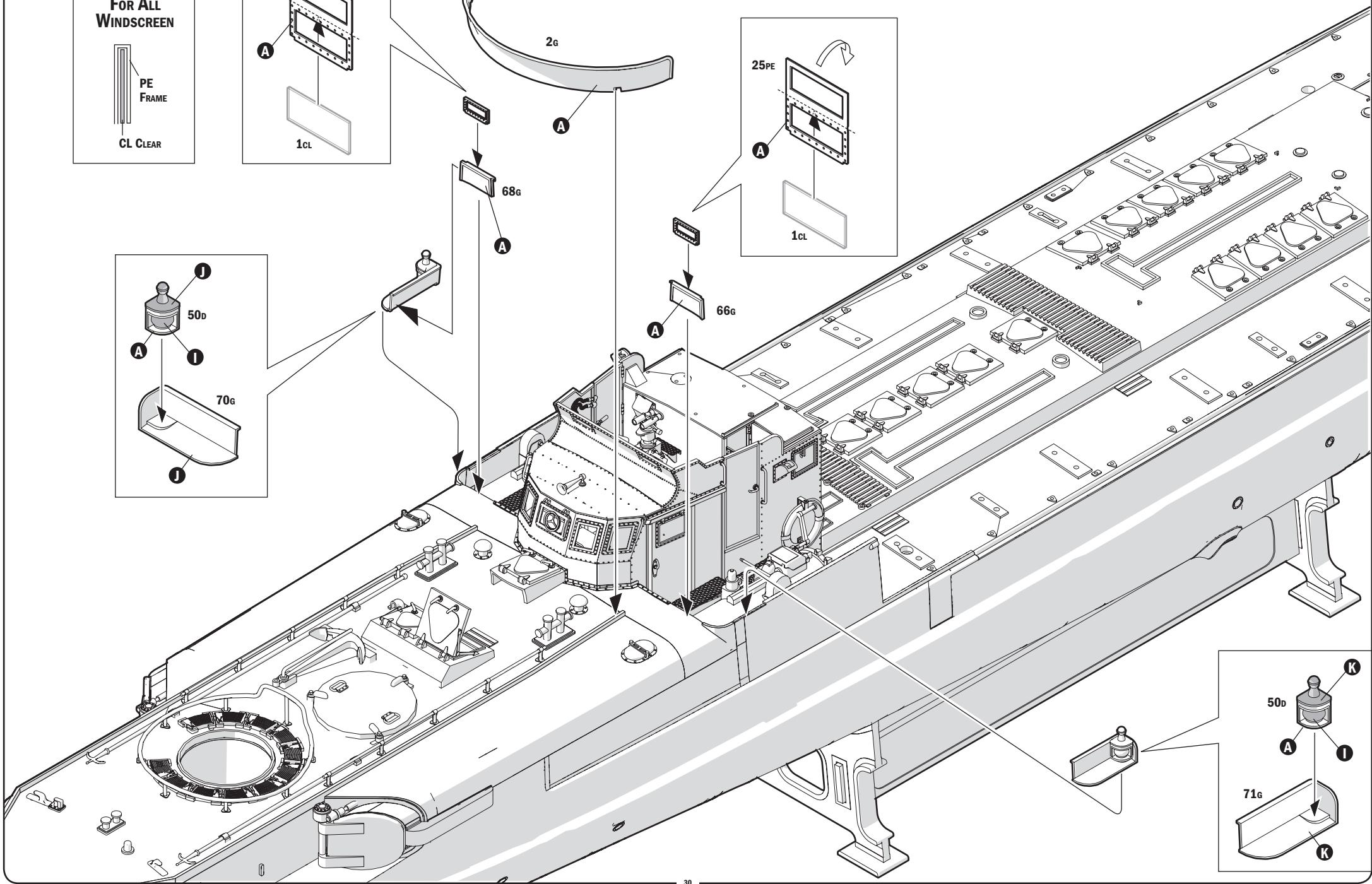
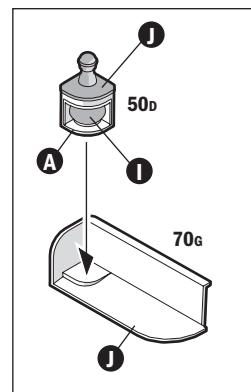
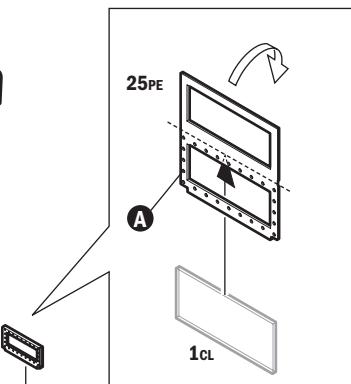
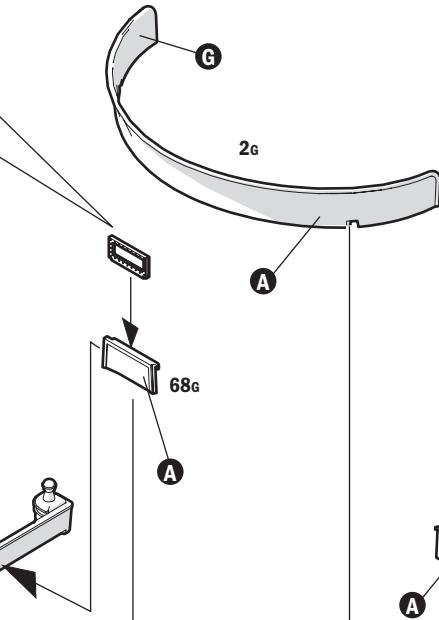
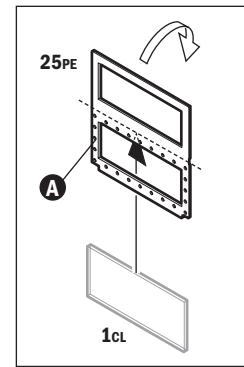
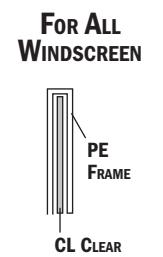
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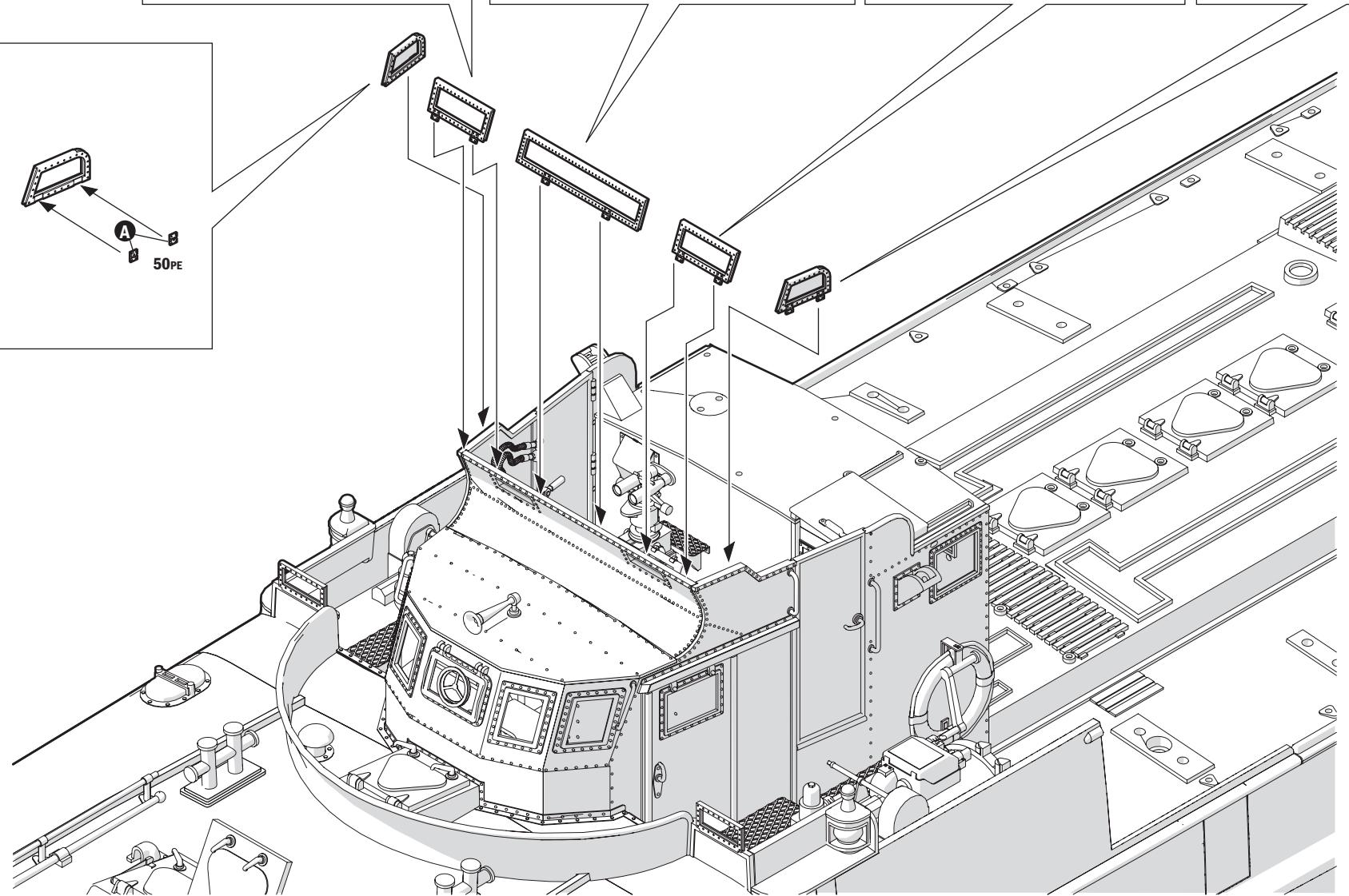
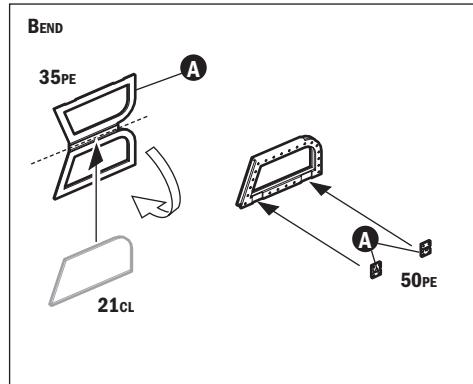
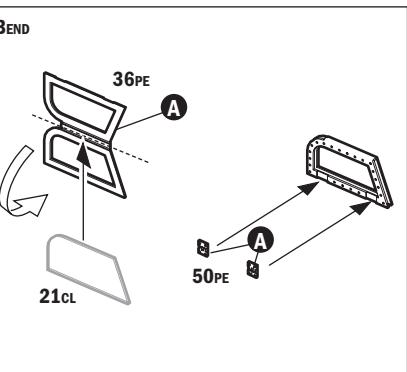
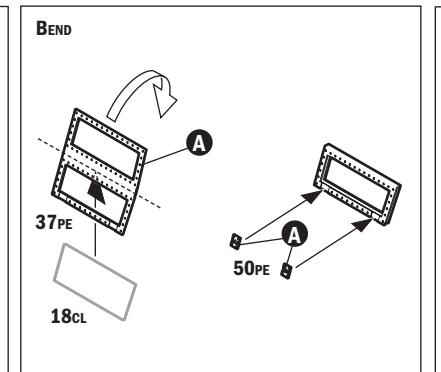
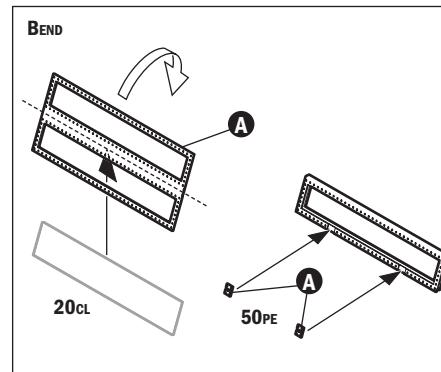
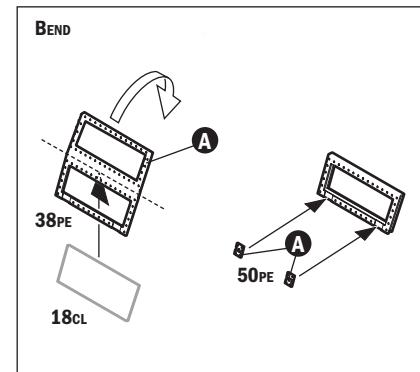
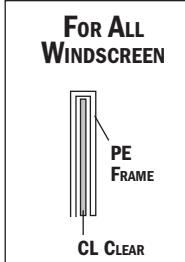


29

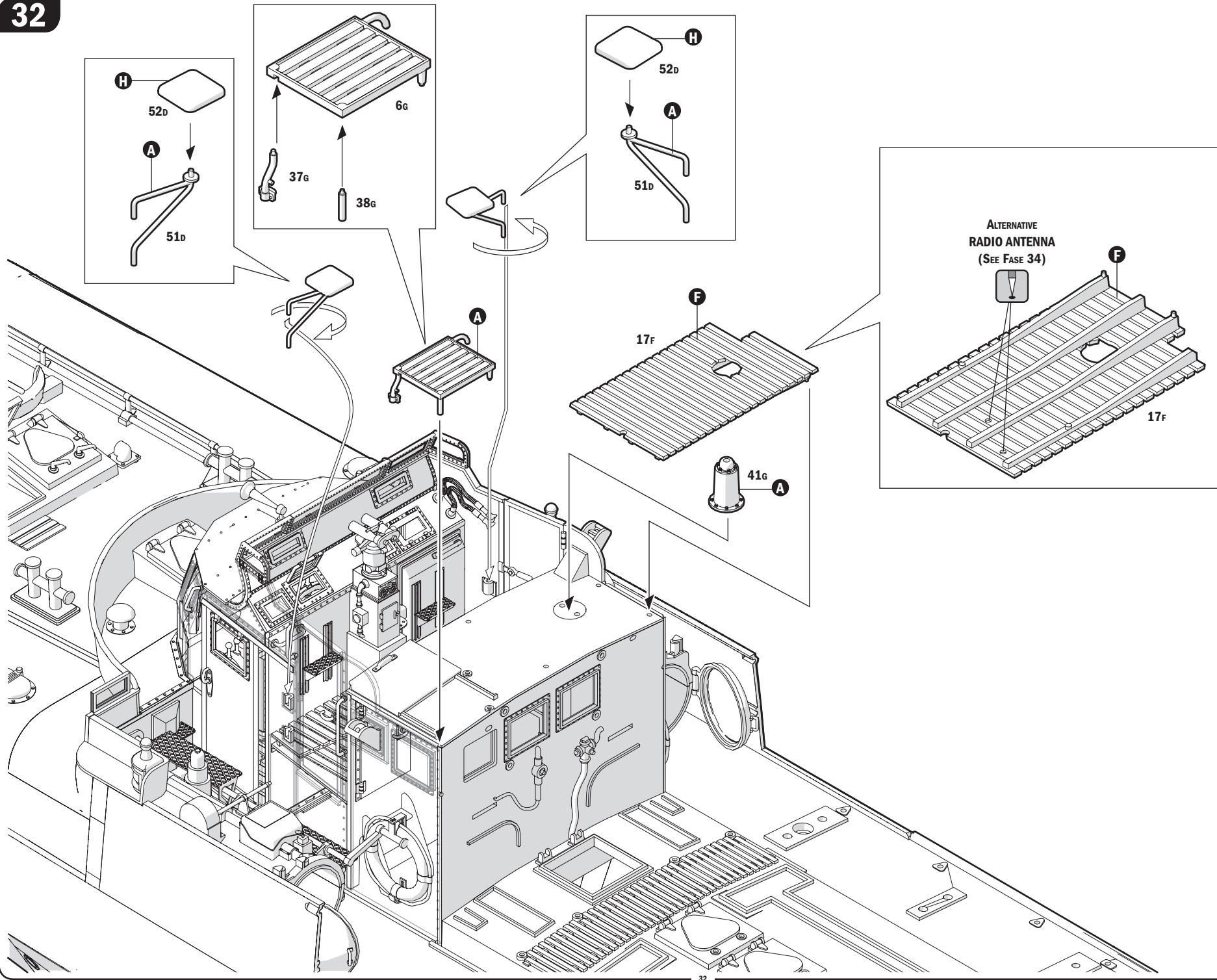


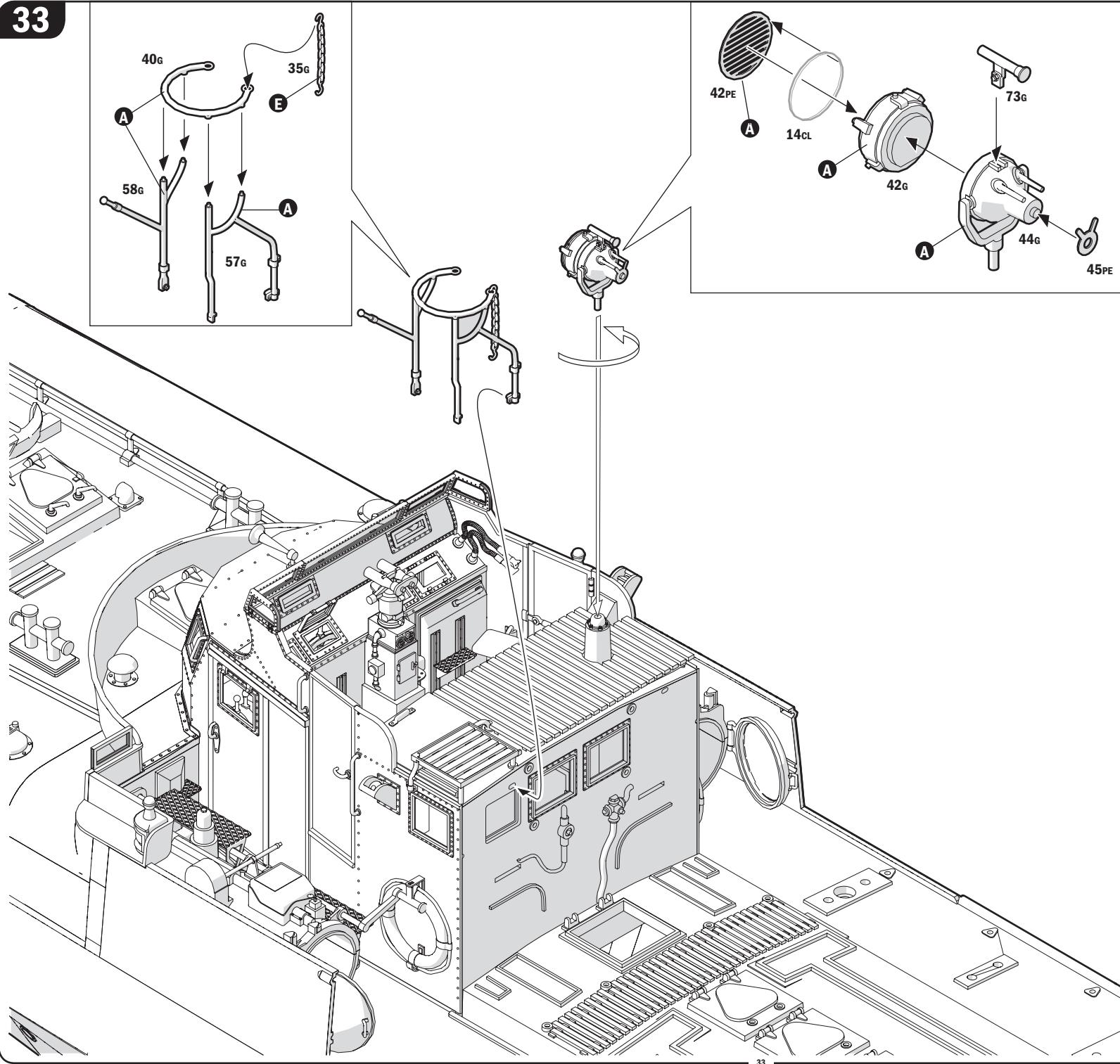
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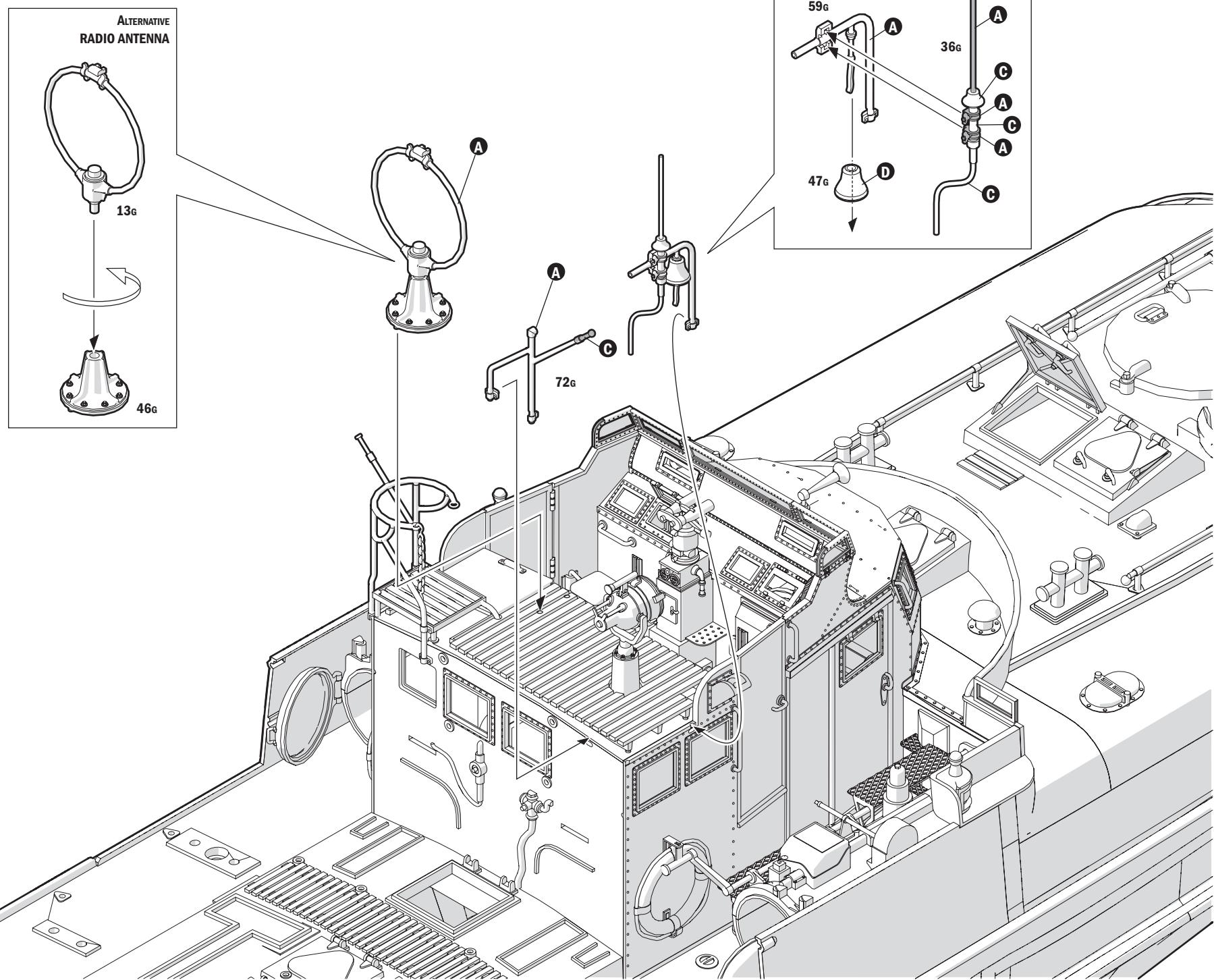
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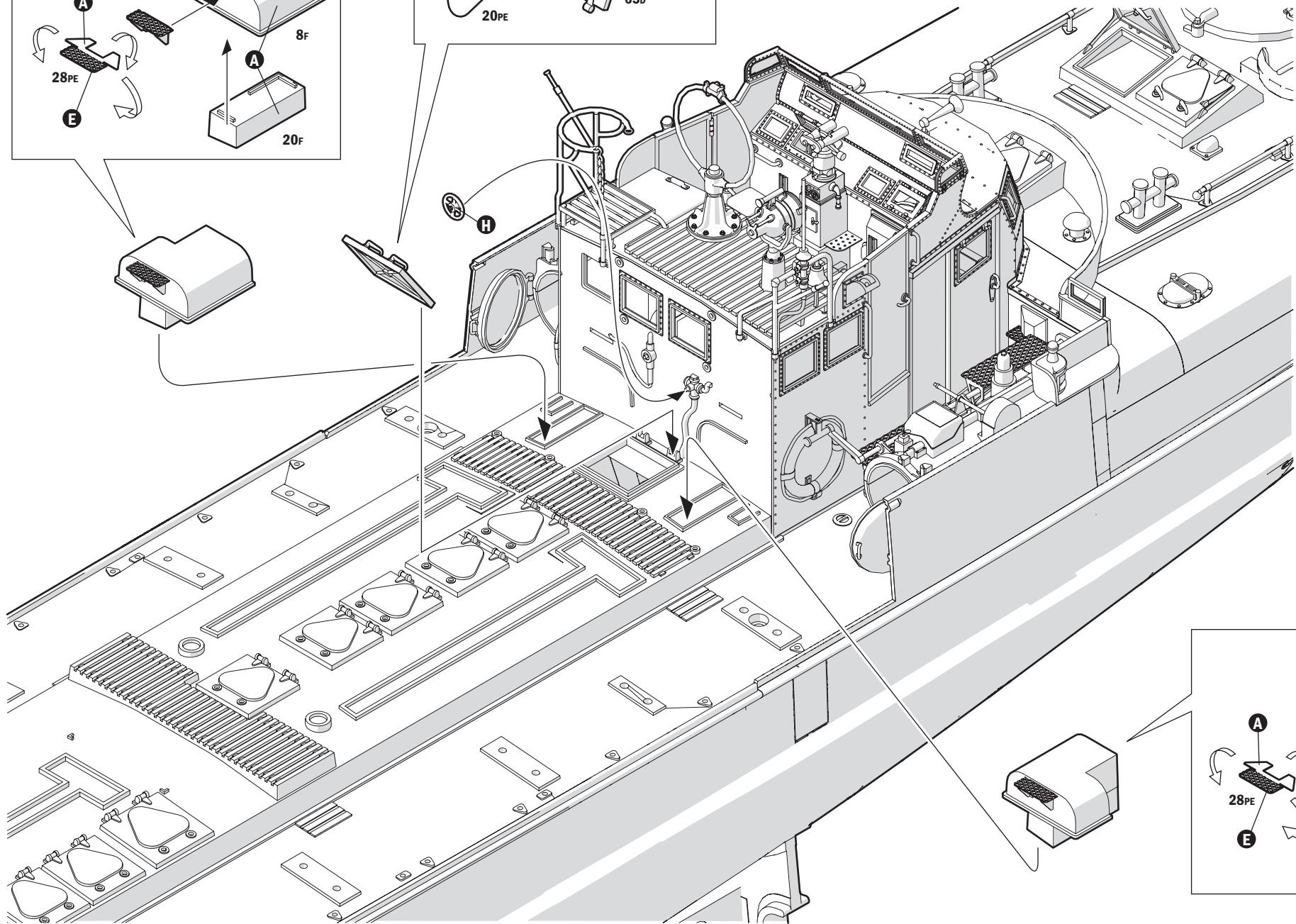
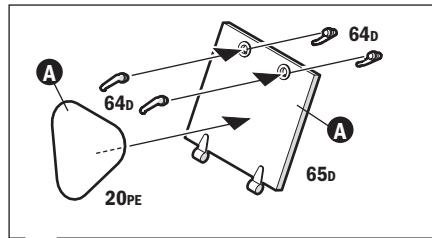
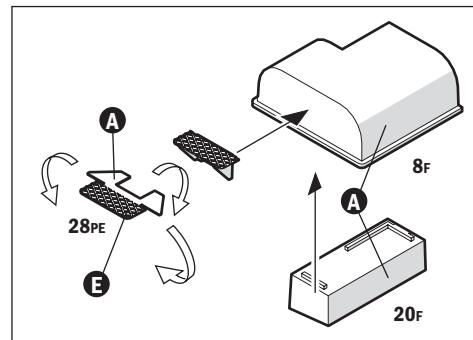
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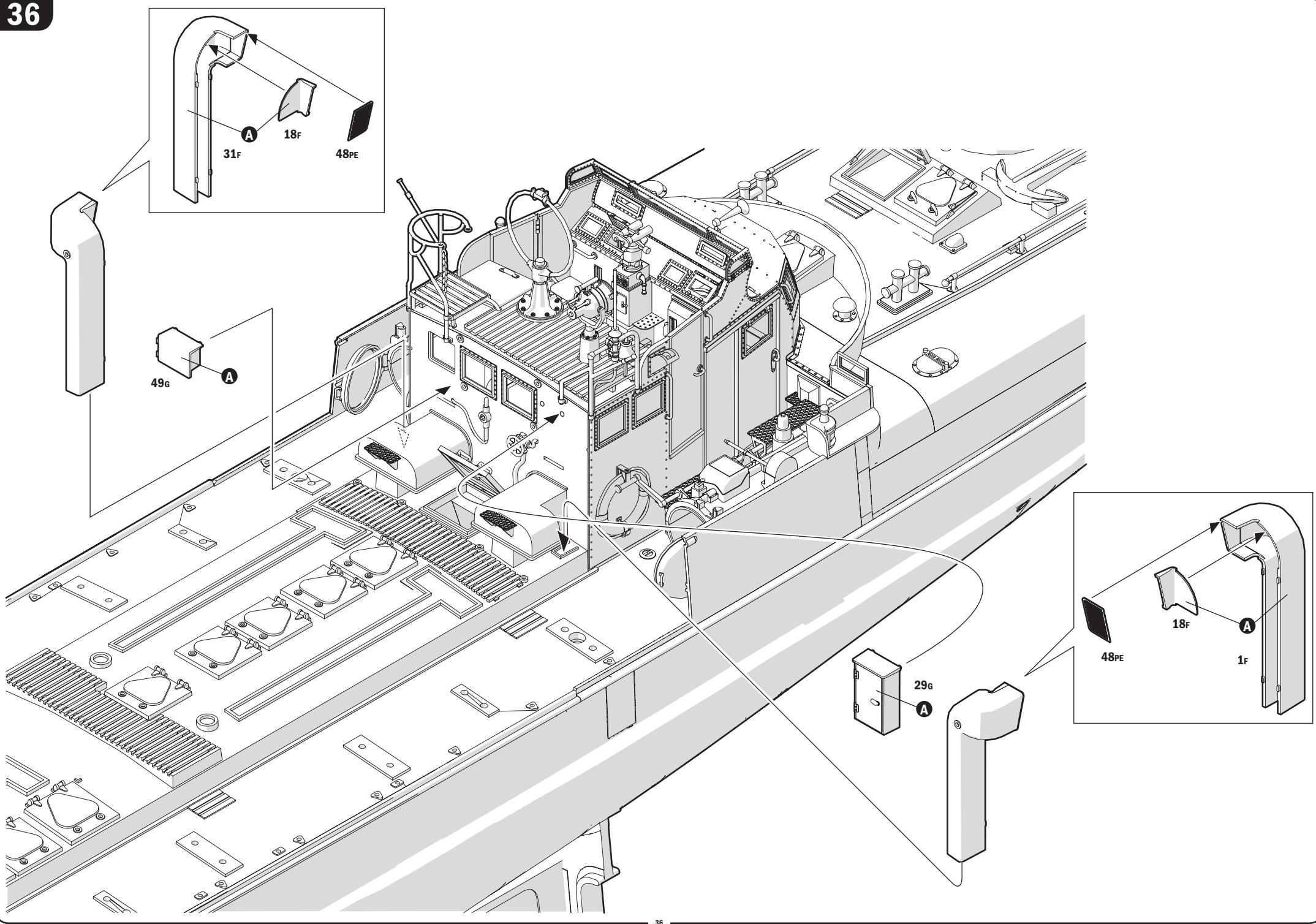


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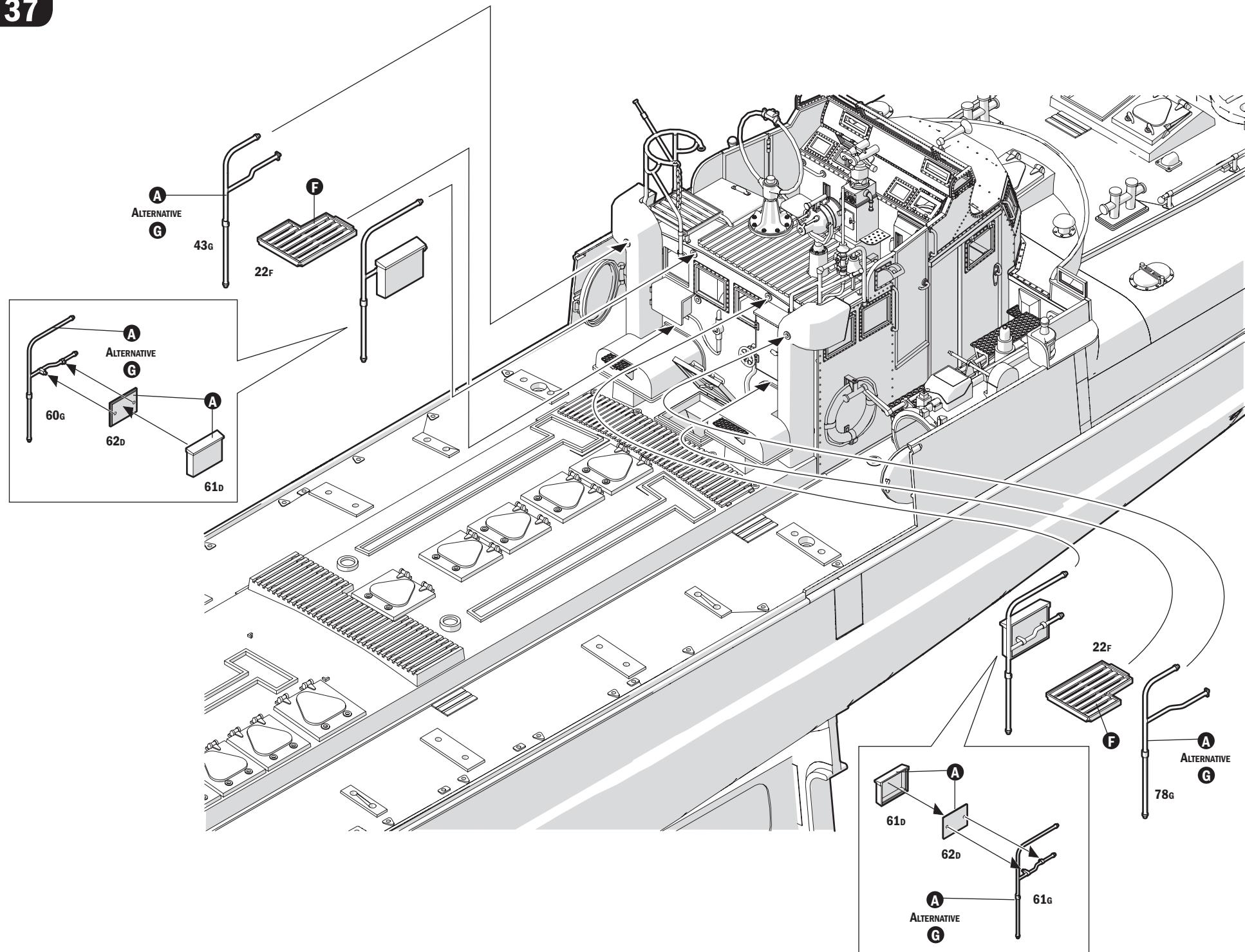
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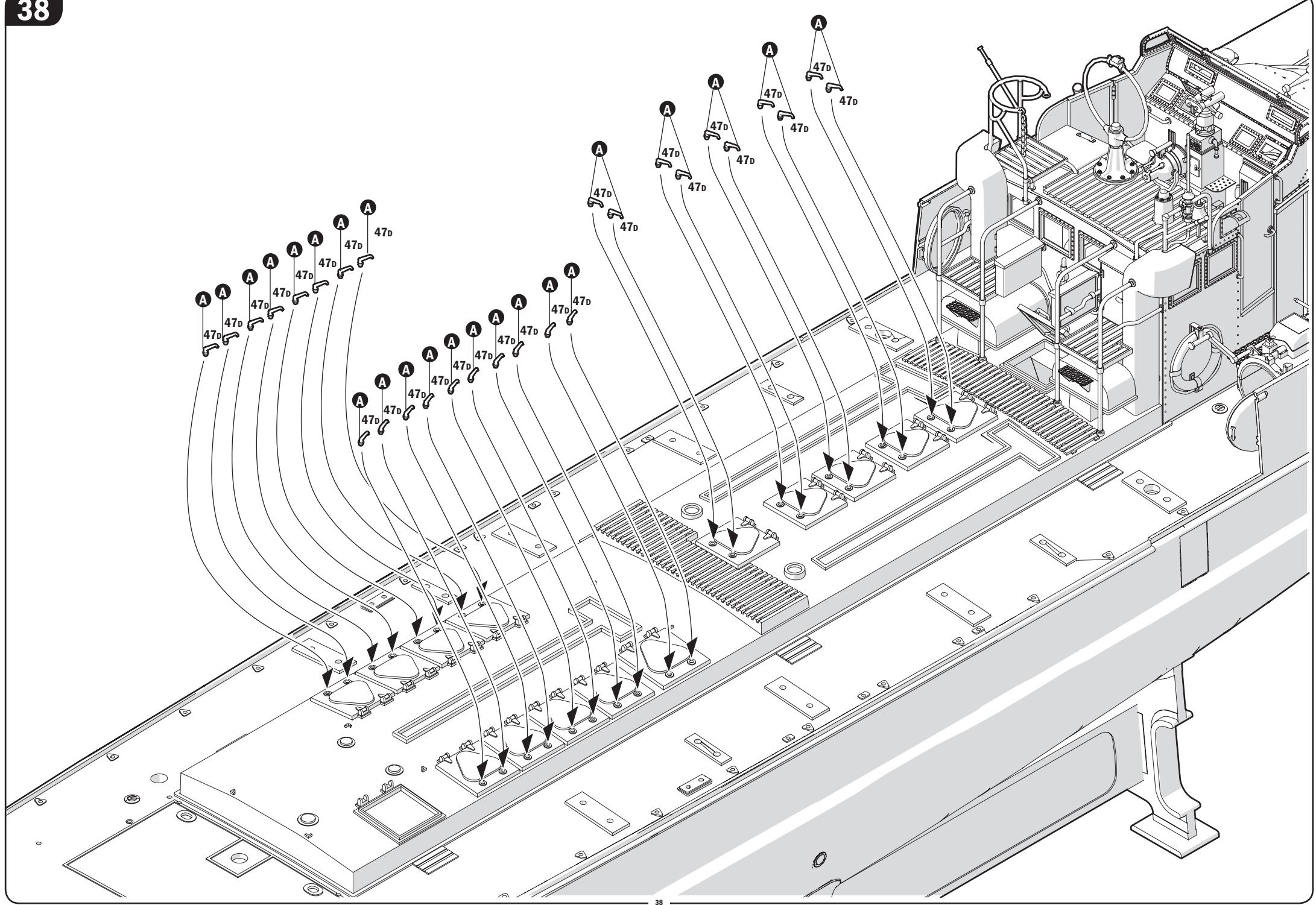


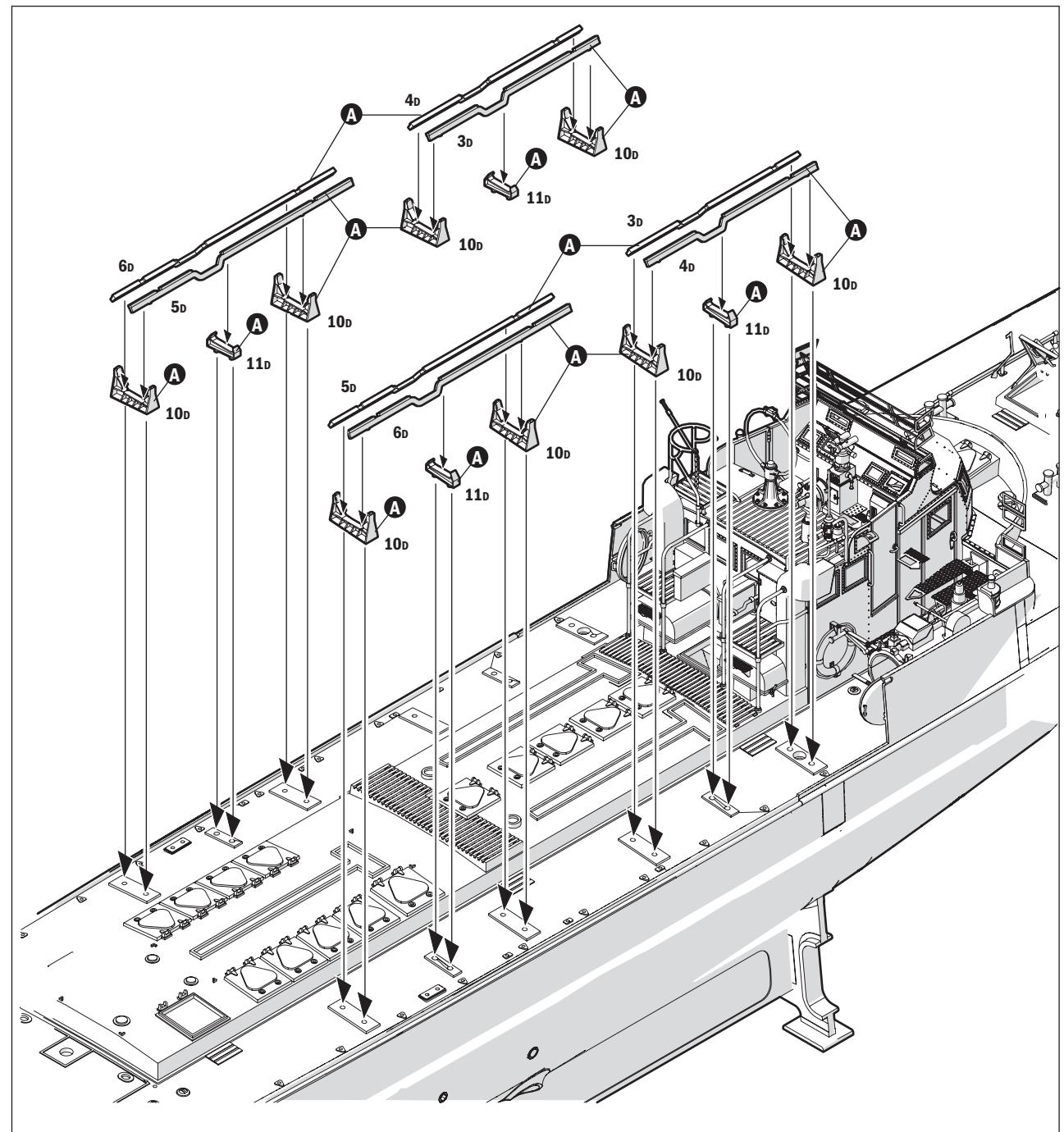
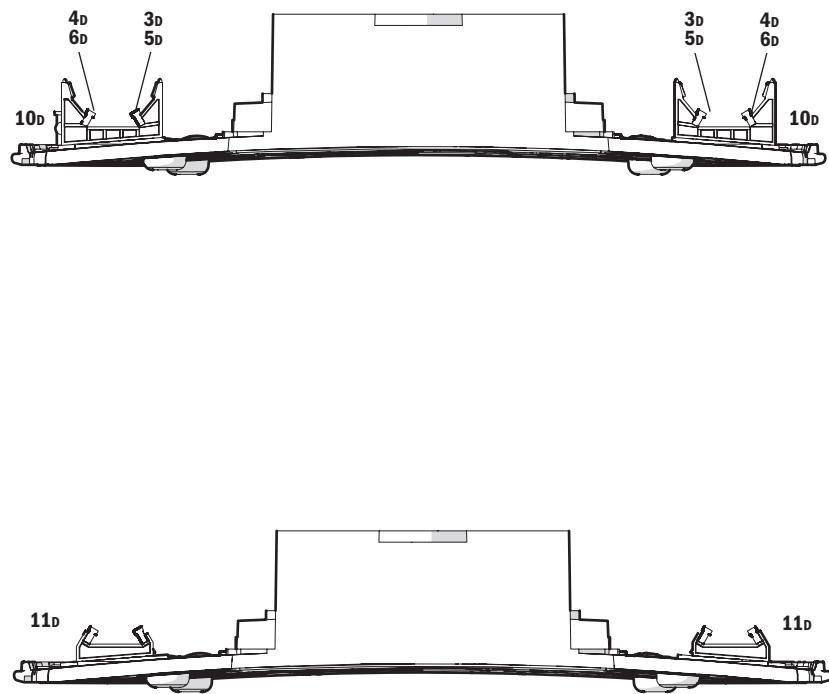
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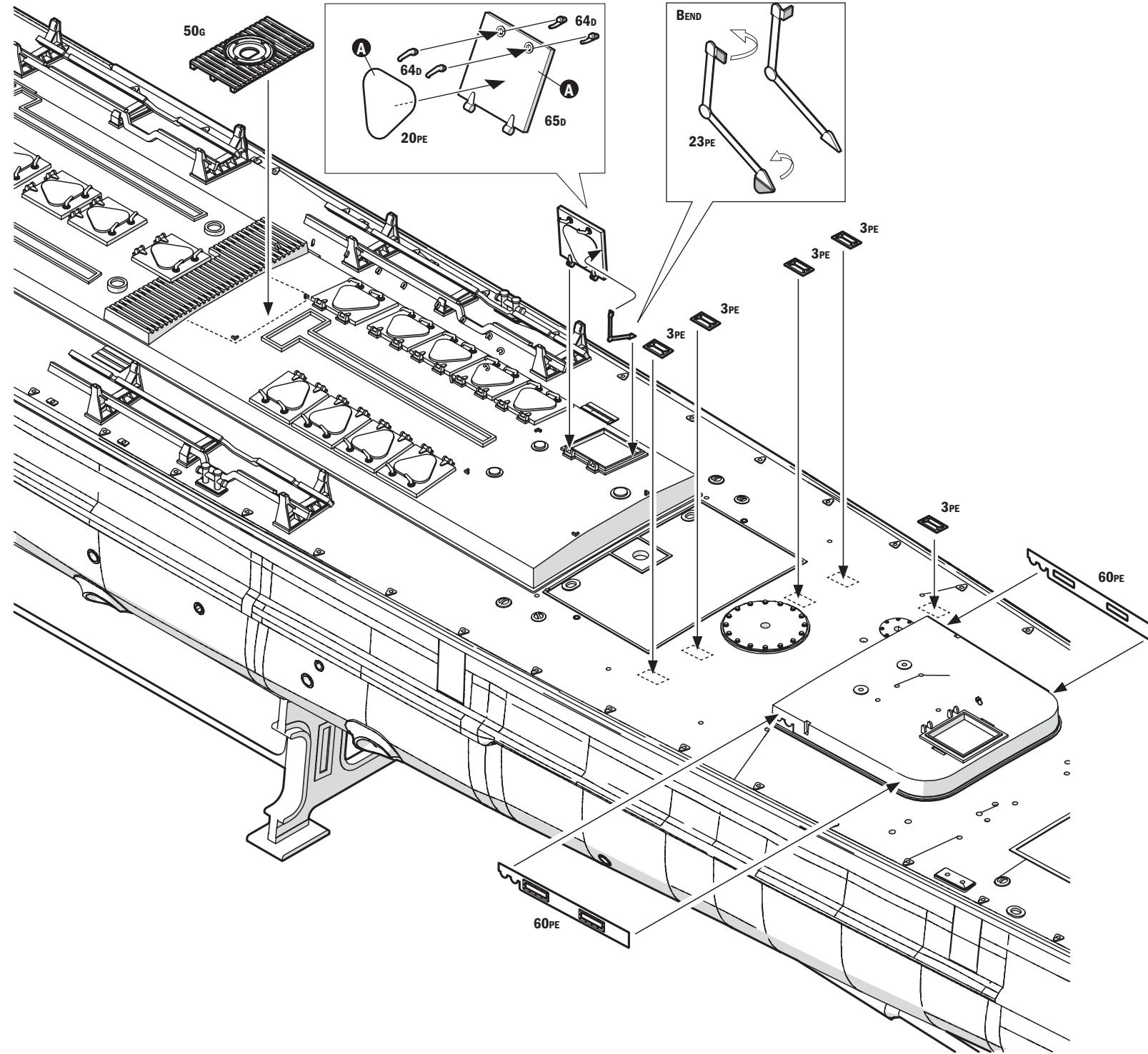
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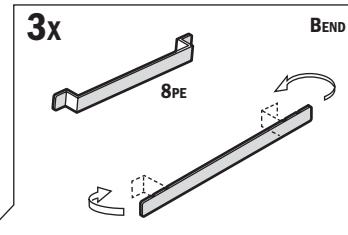
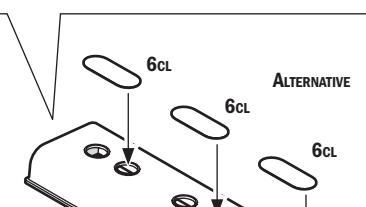
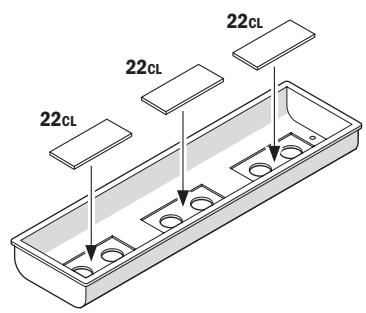
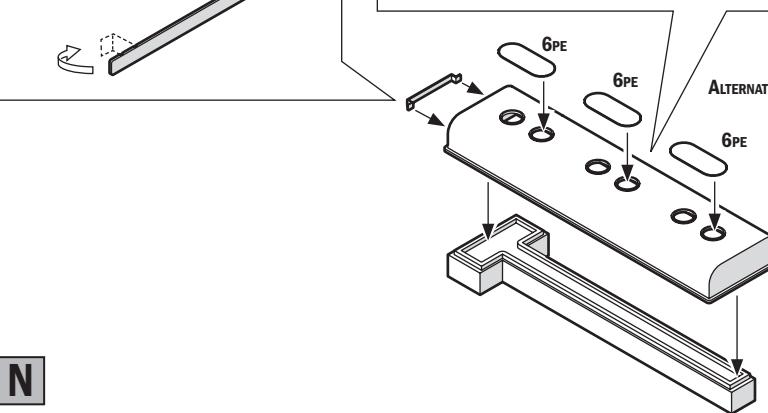
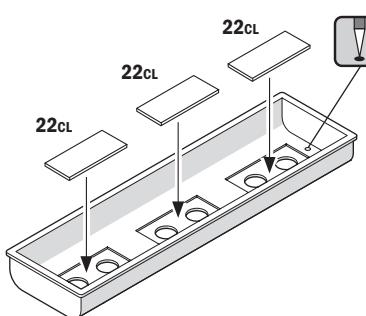
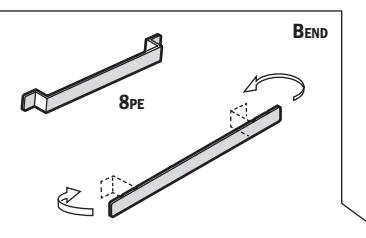
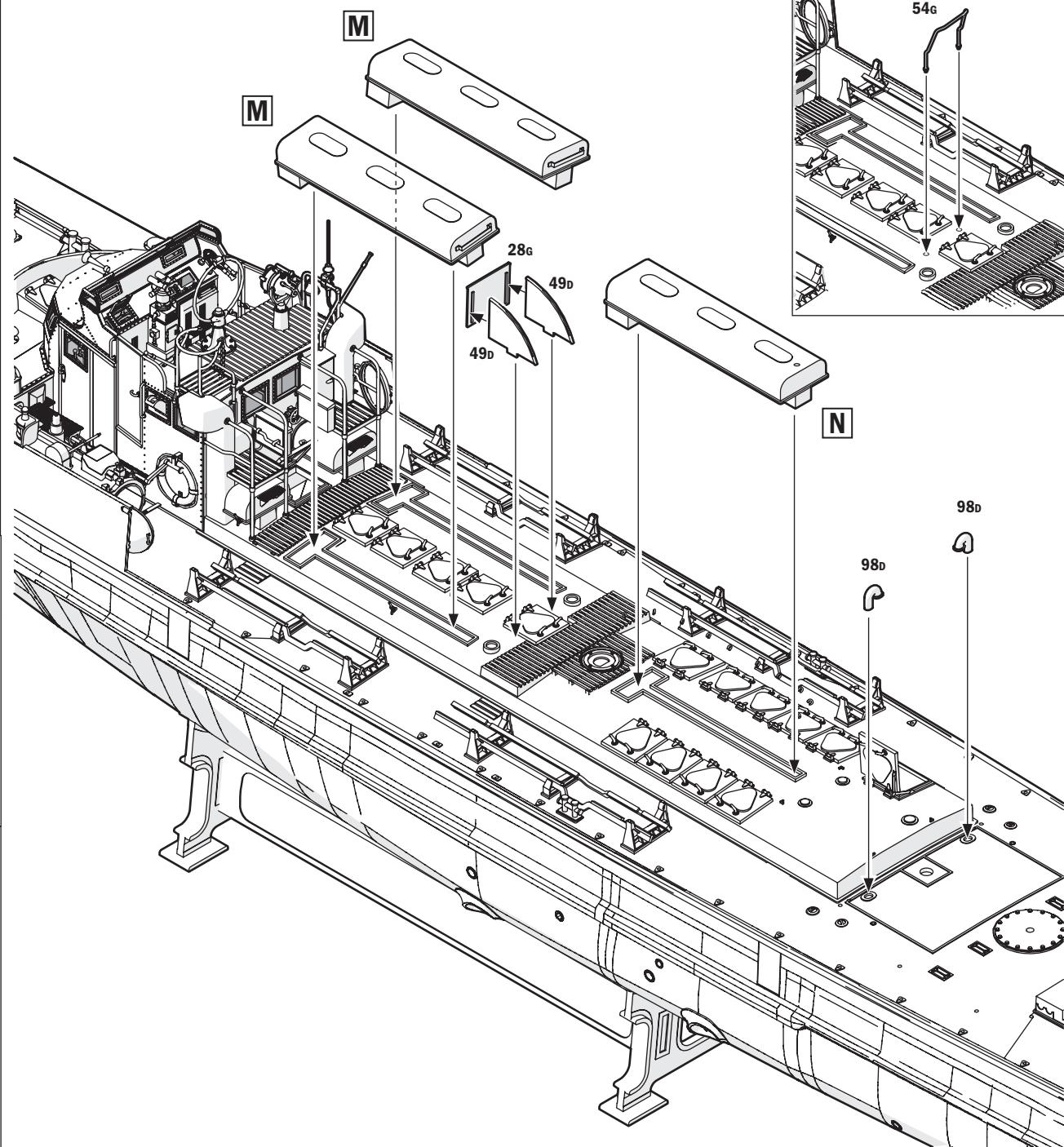
37



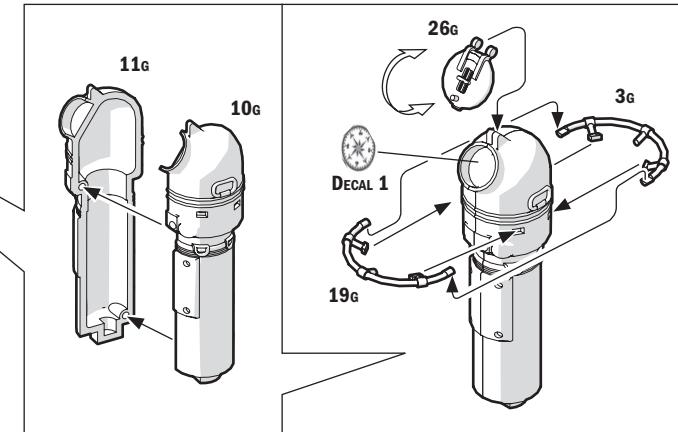
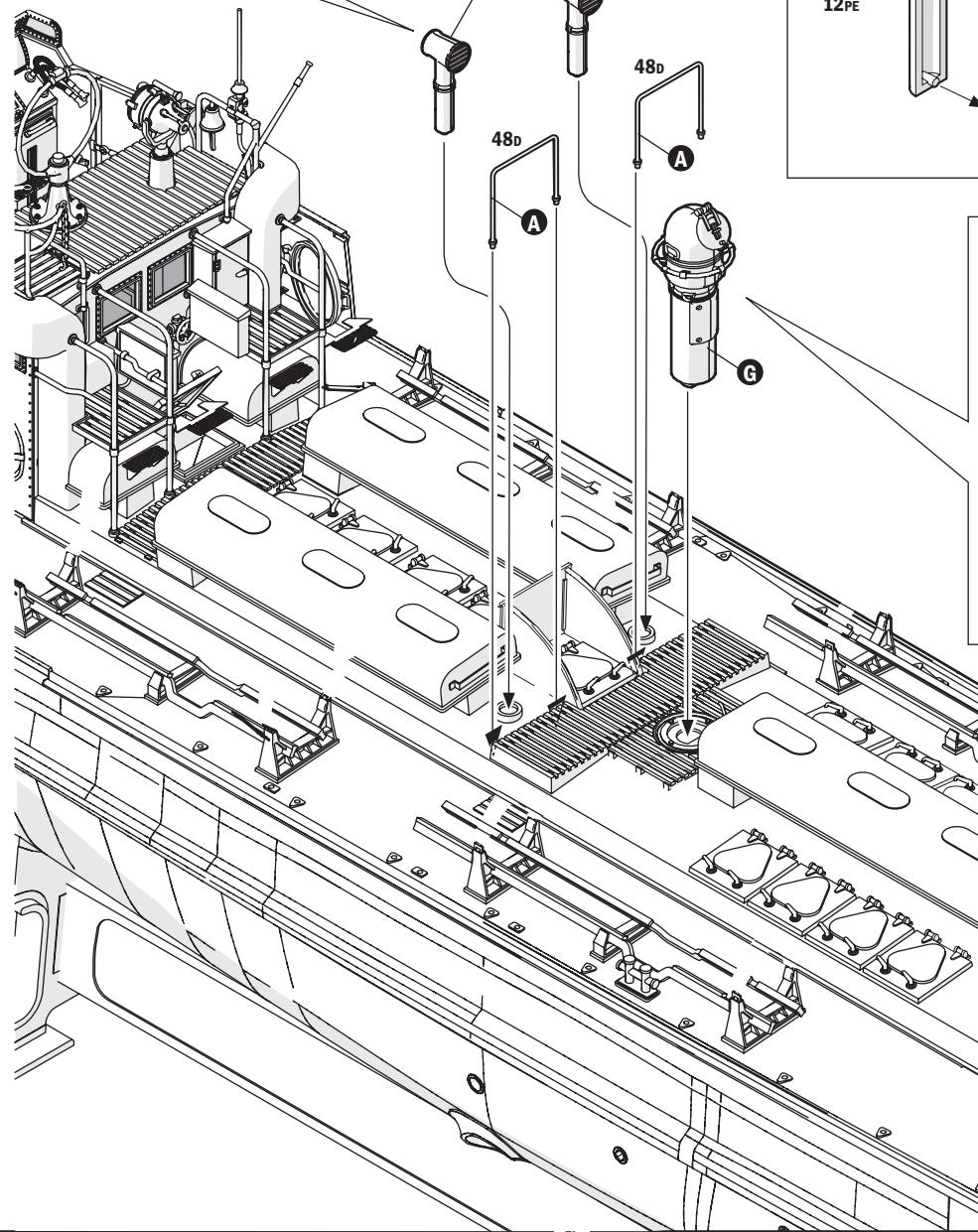
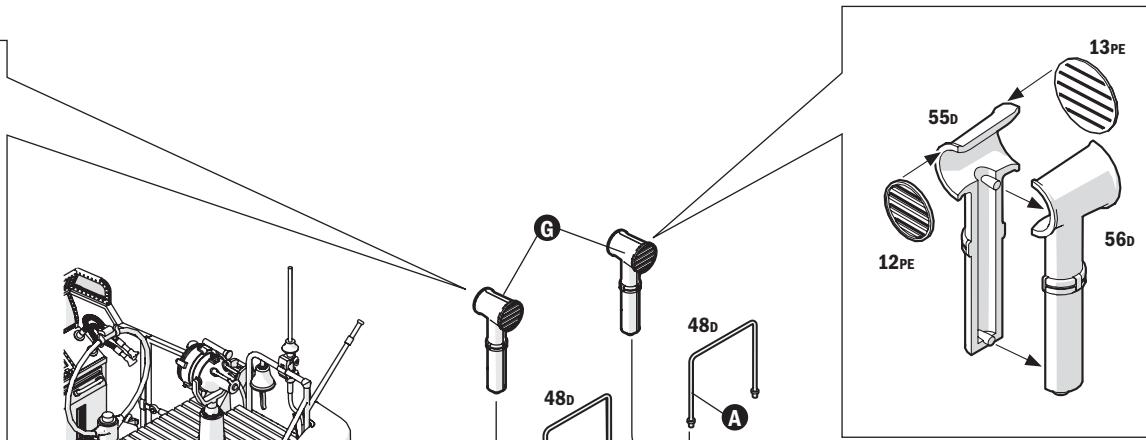
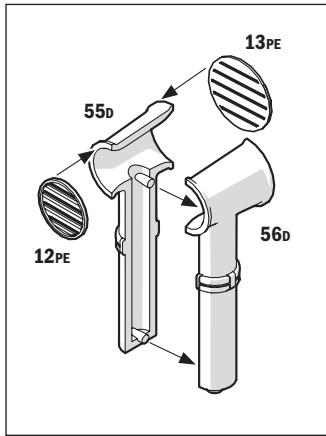


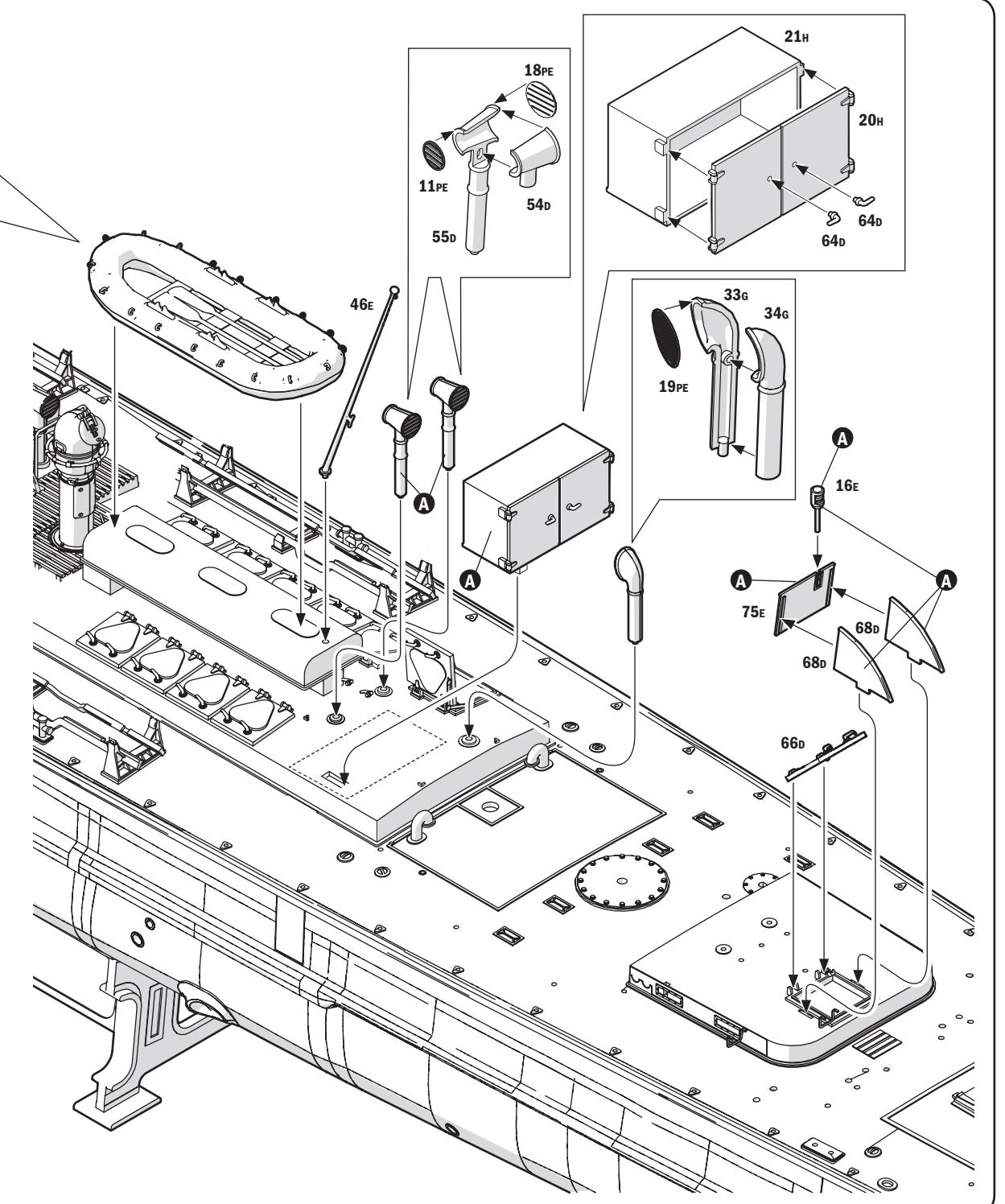
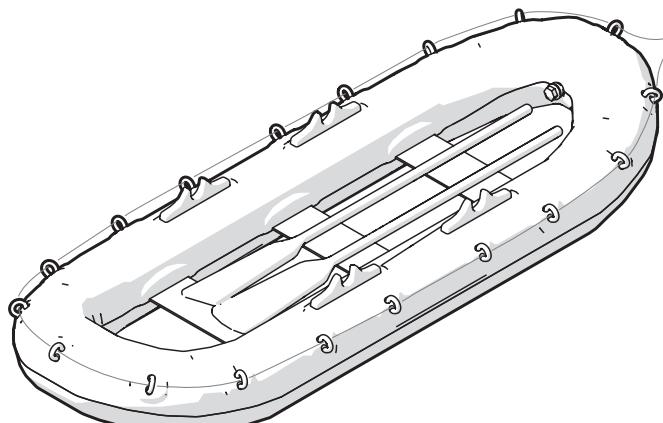
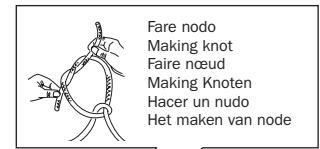
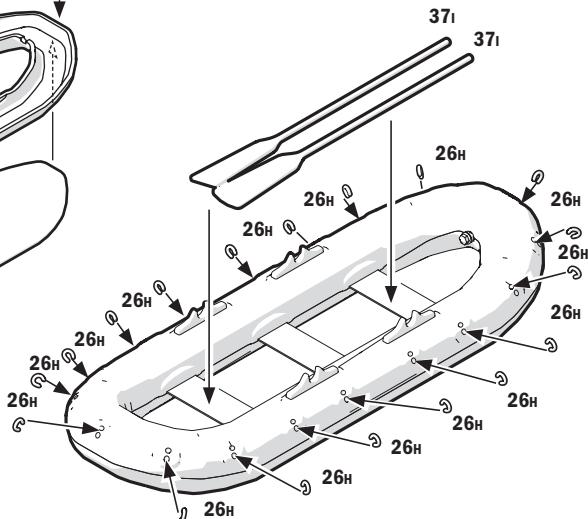
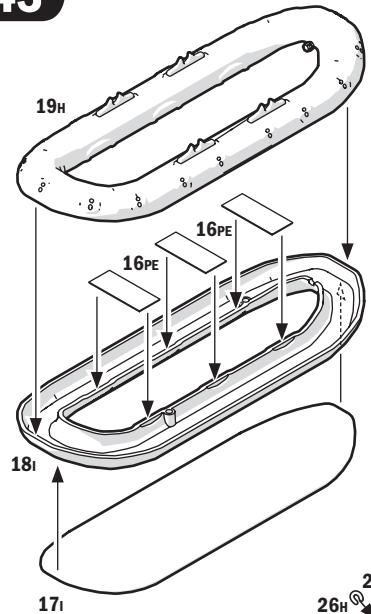


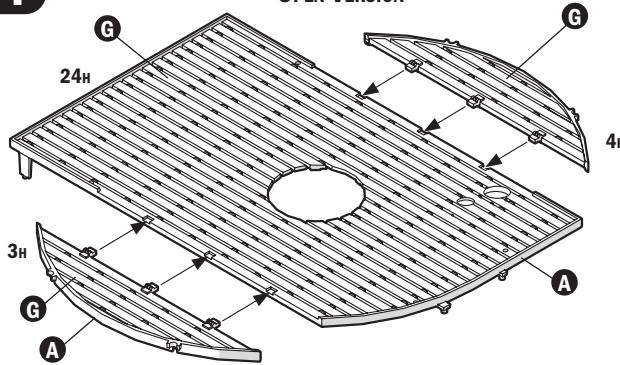
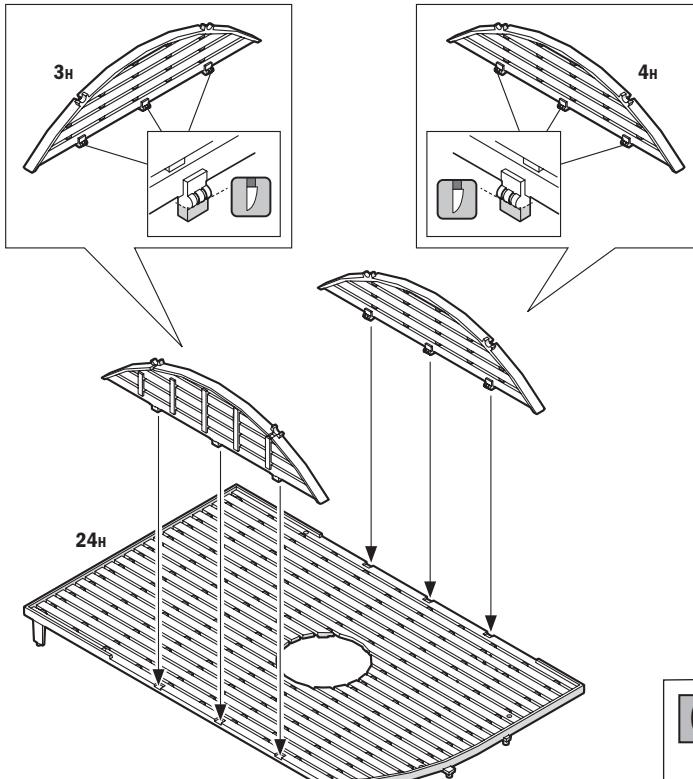
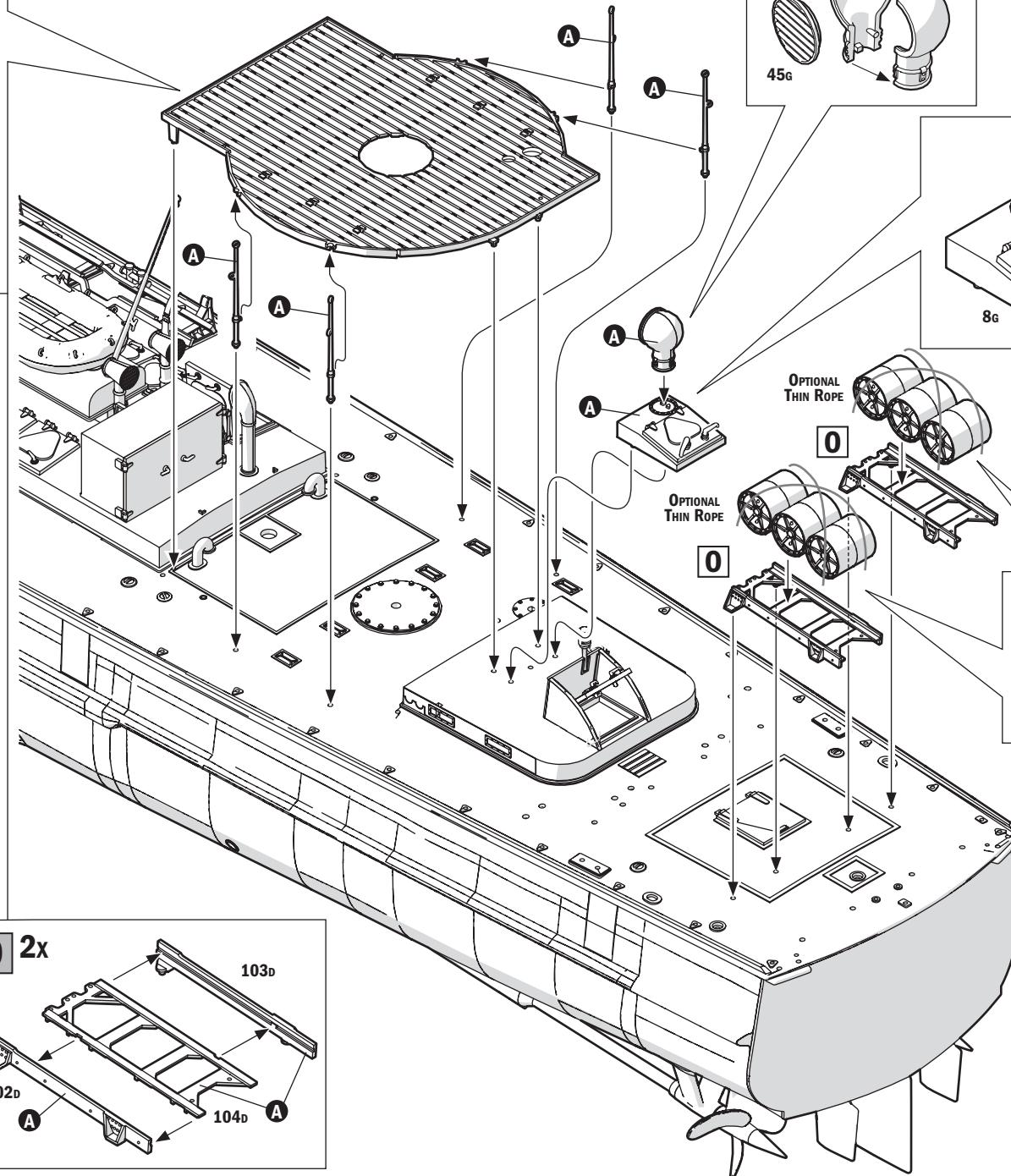
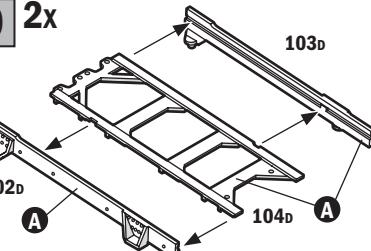
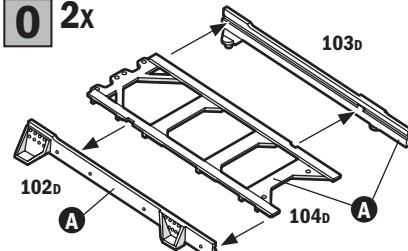
**40**

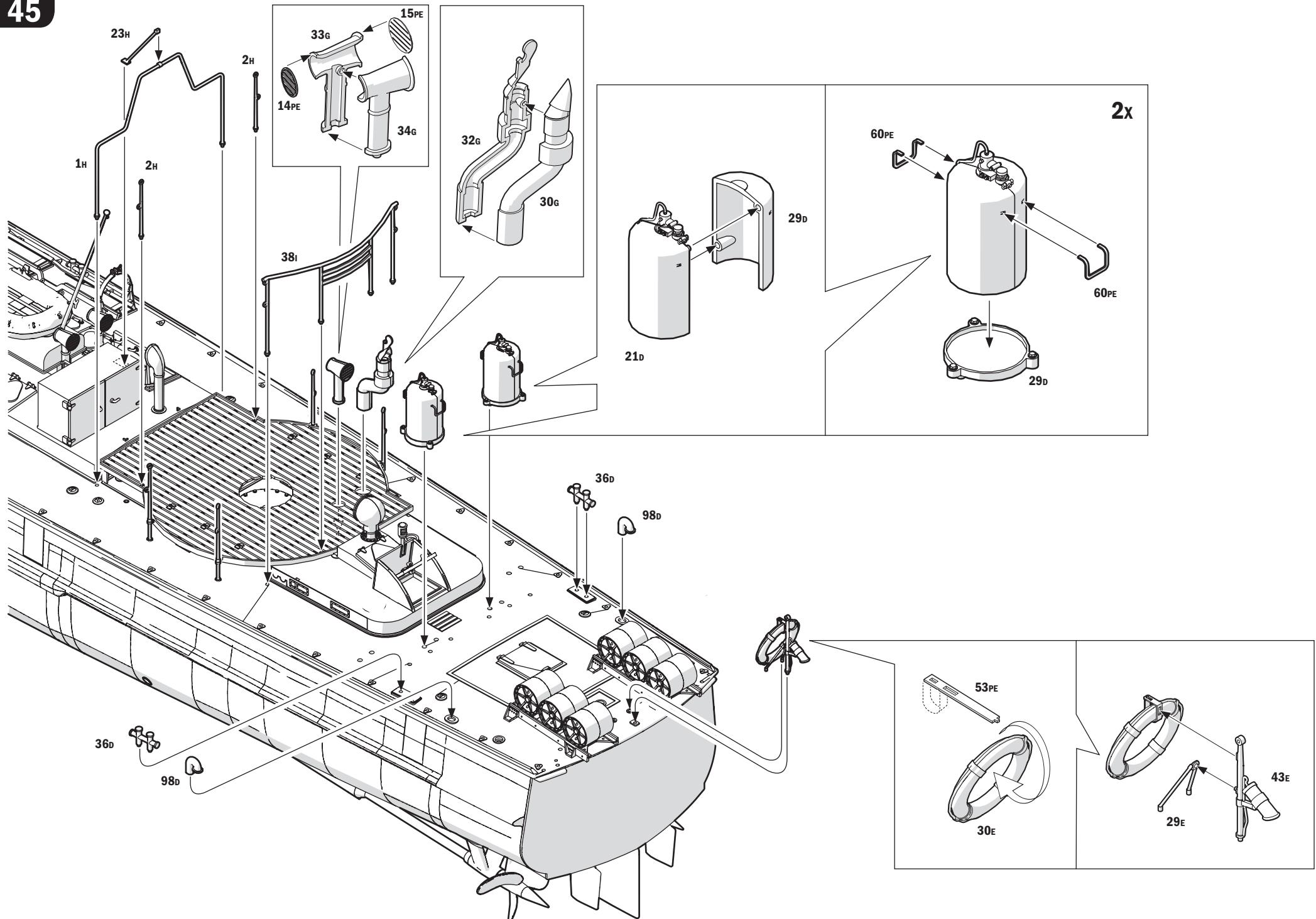
**41****M 2x****N**

42

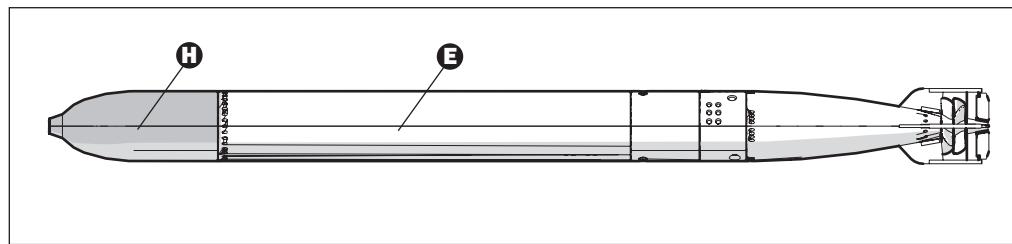


**43**

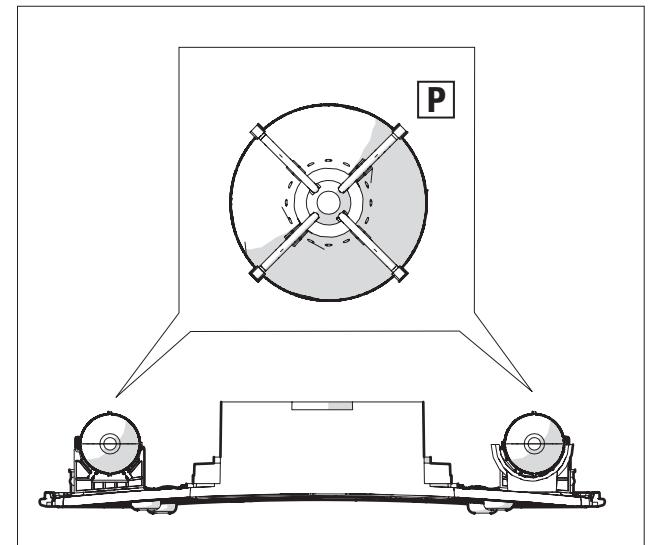
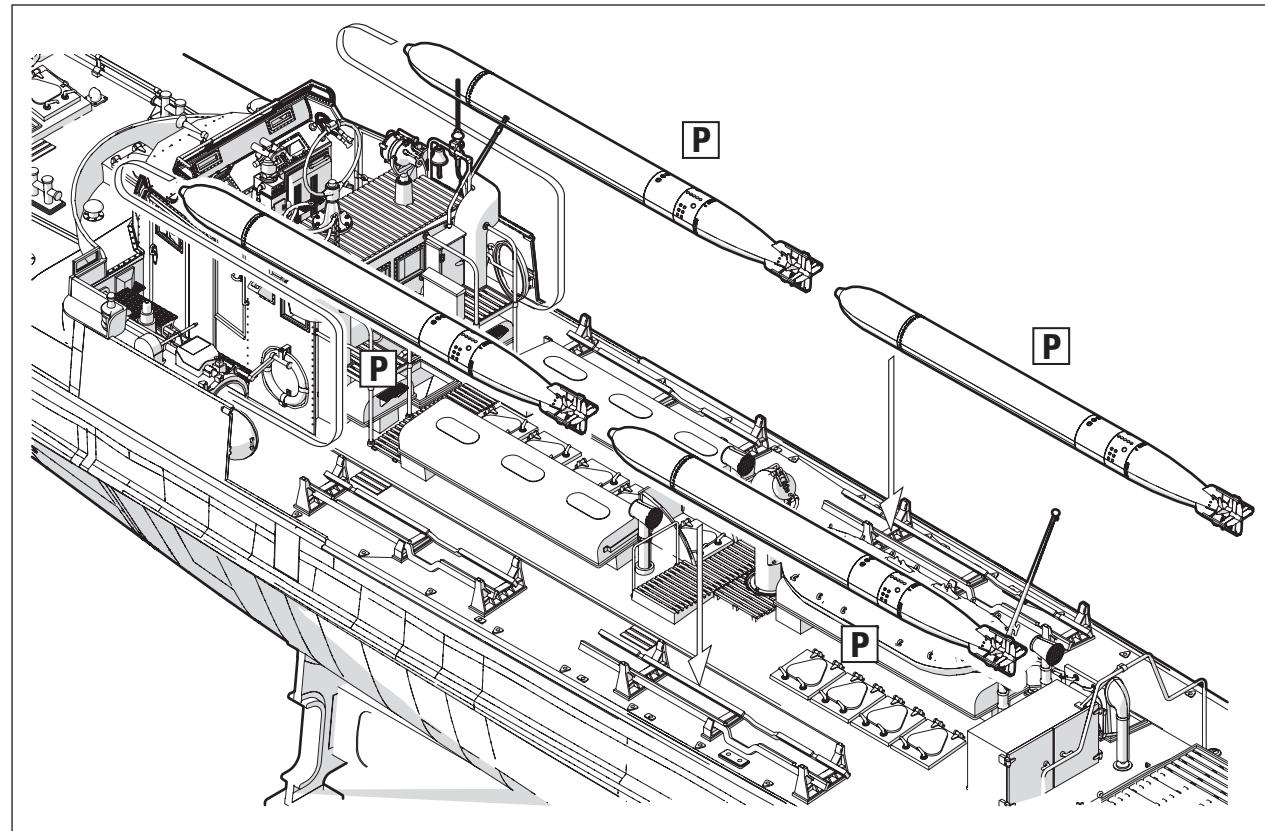
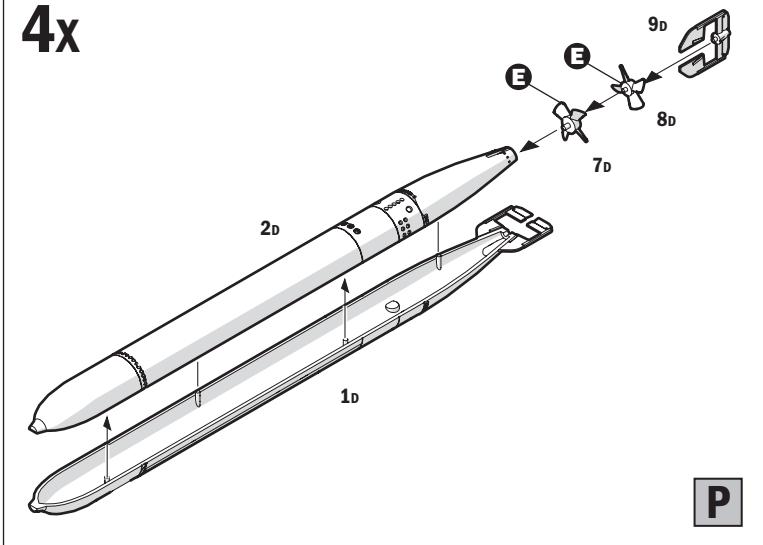
**44****OPEN VERSION****CLOSED VERSION****0 2x**

**45**

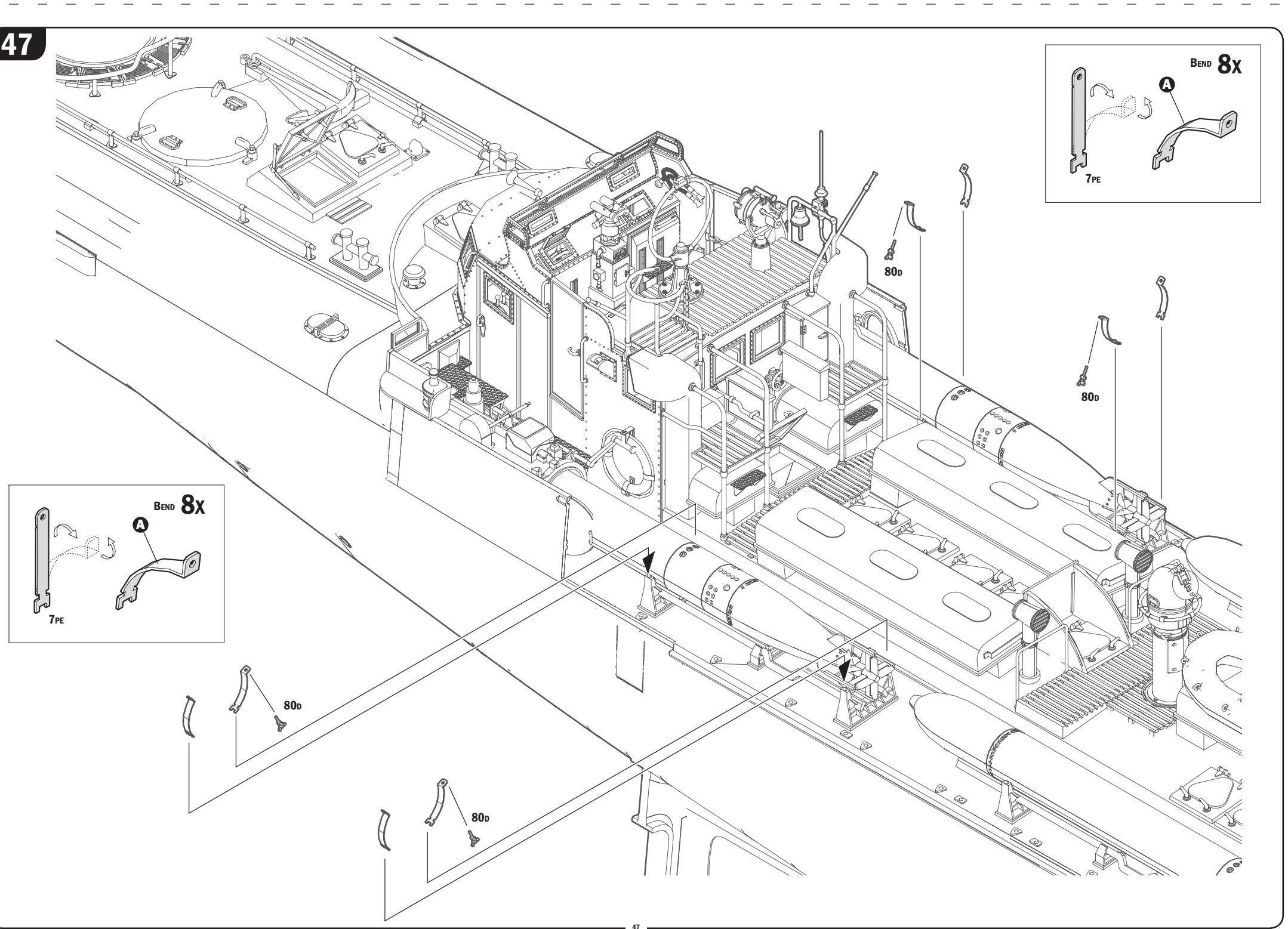
**46**

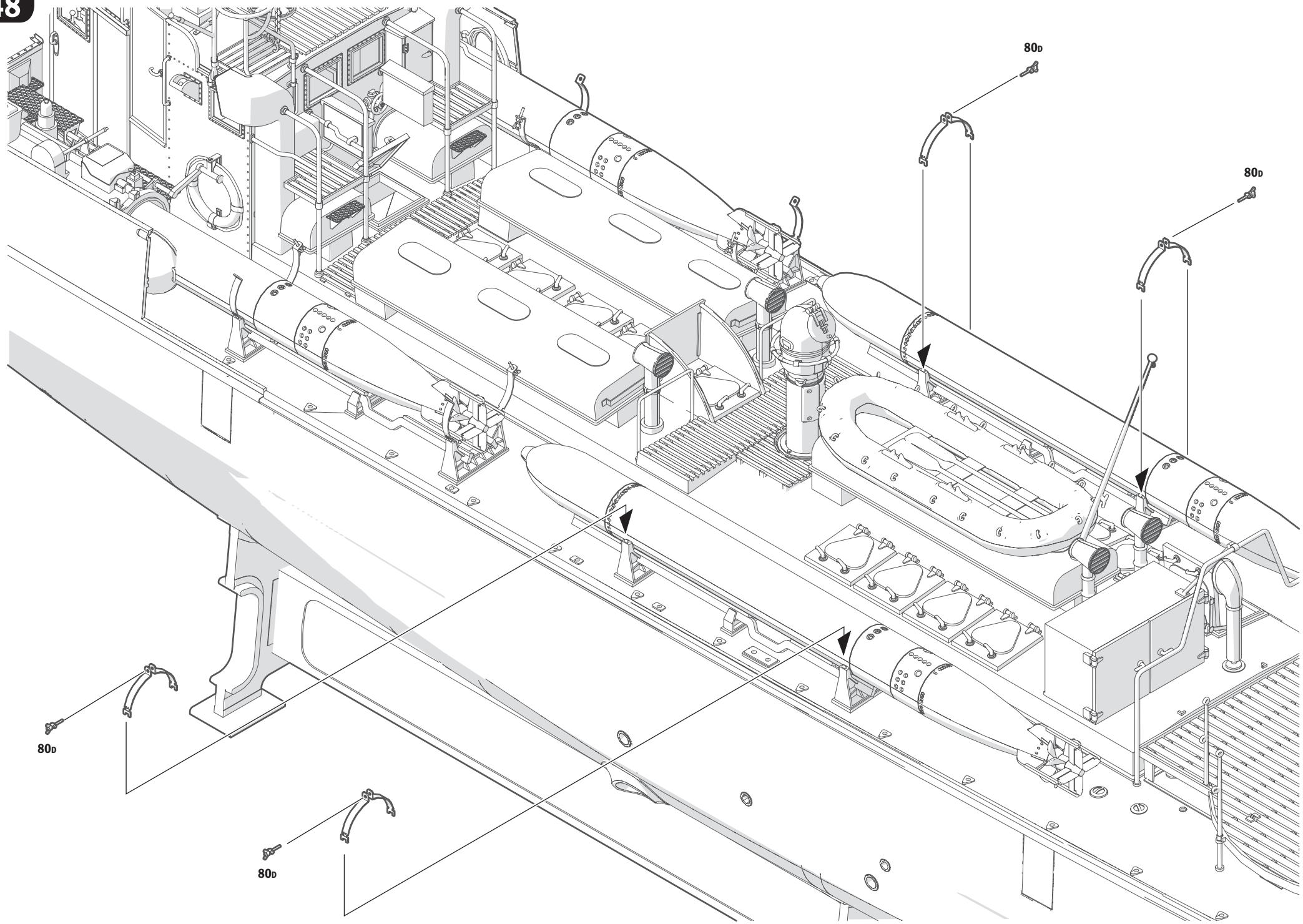


**4x**

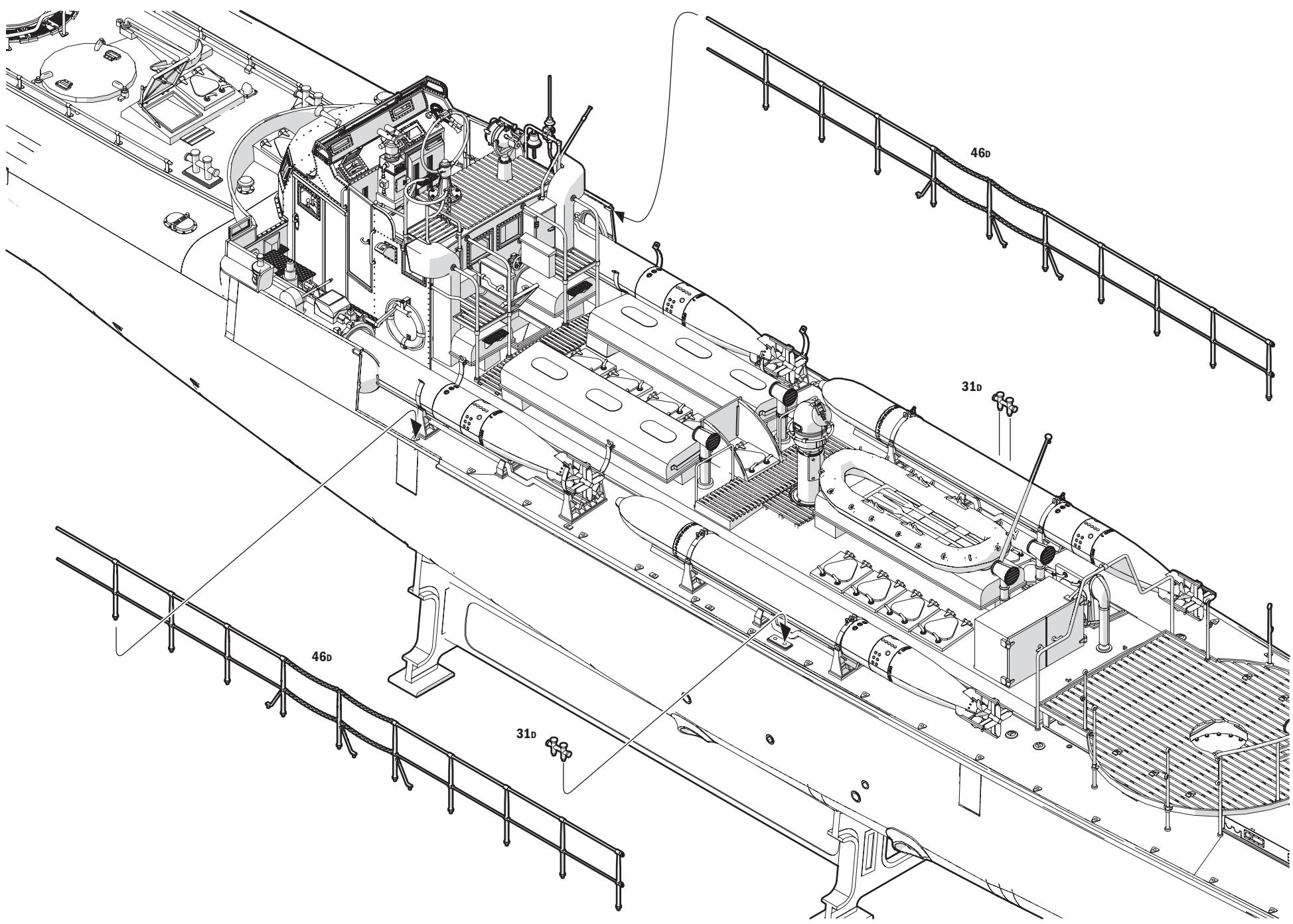


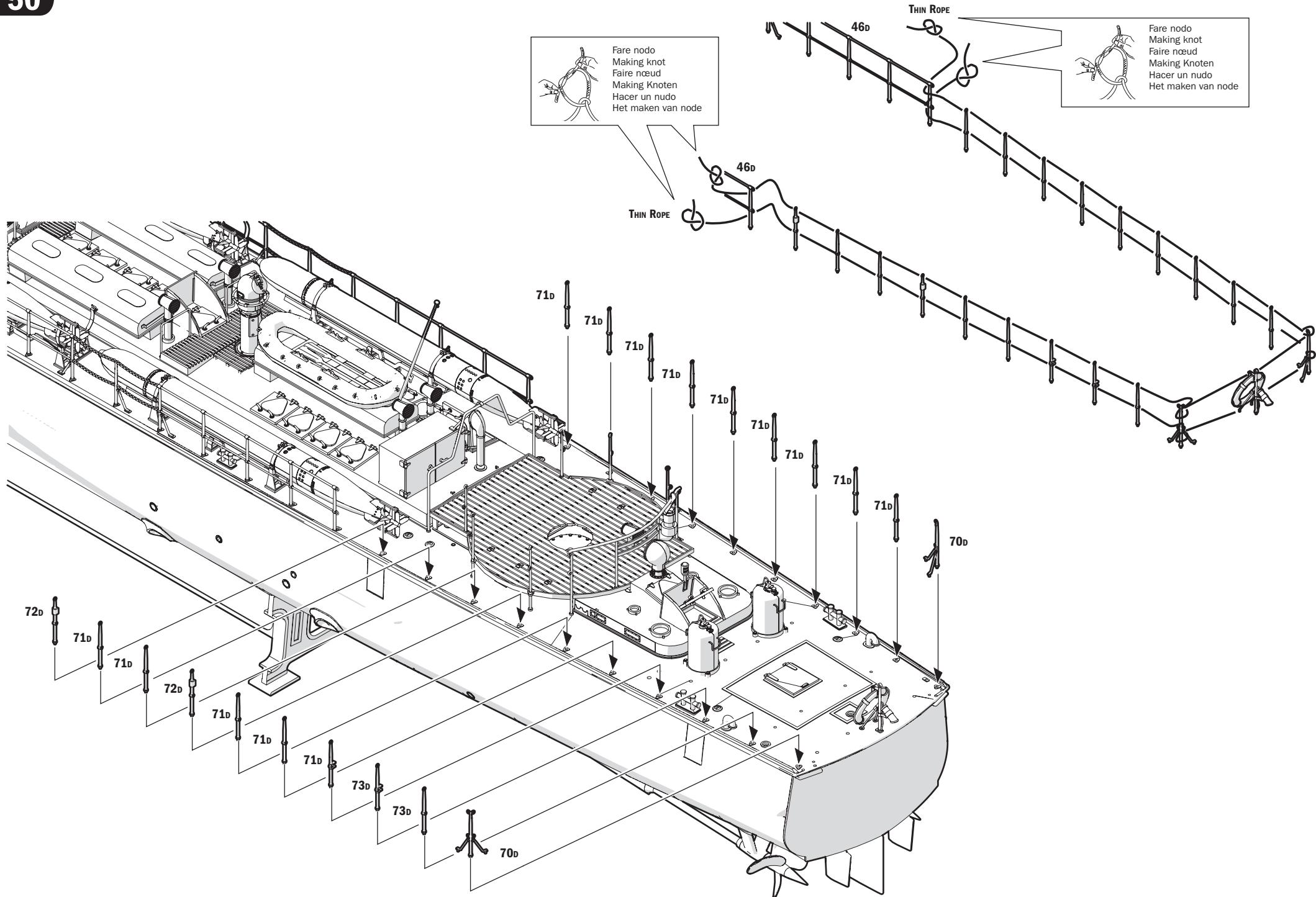
47

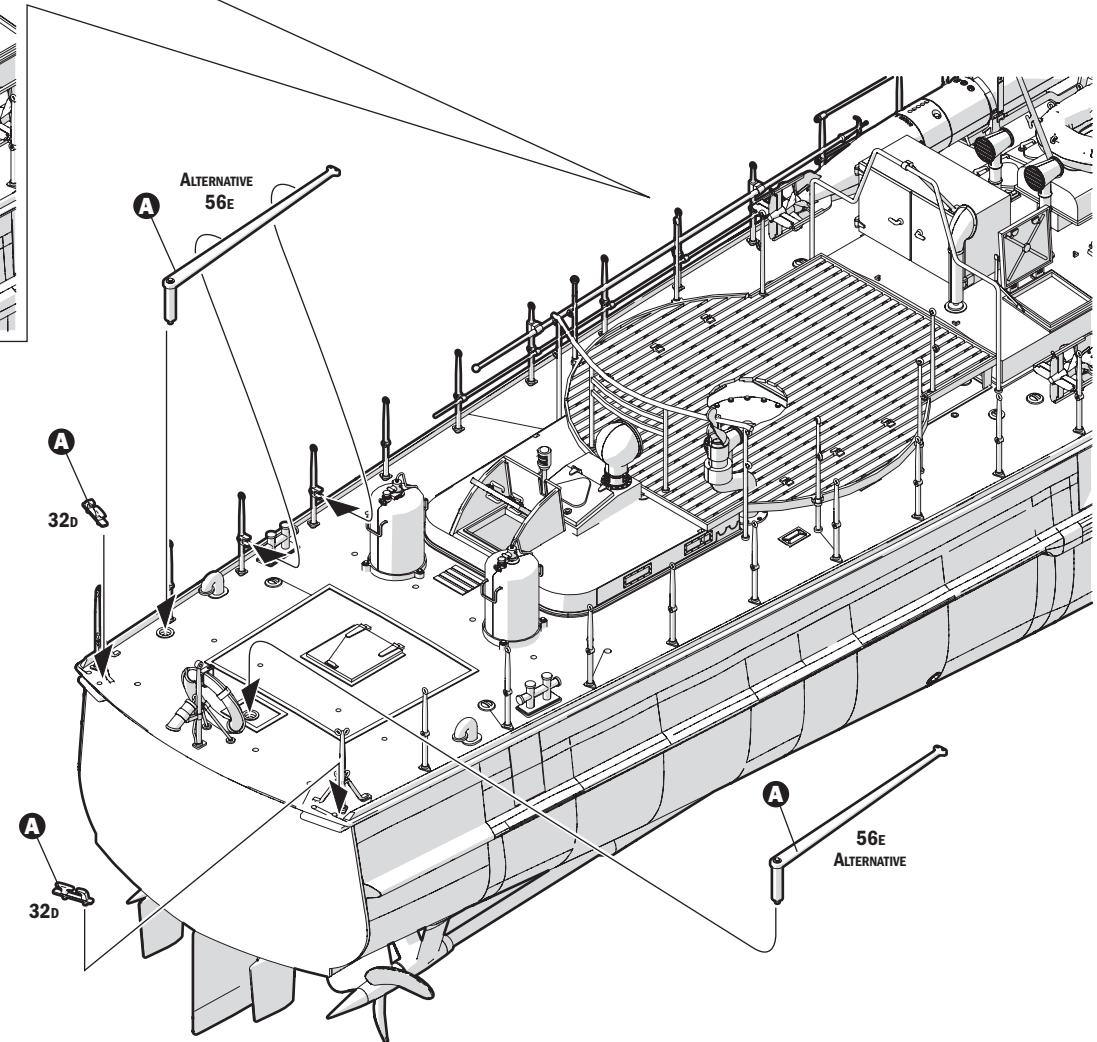
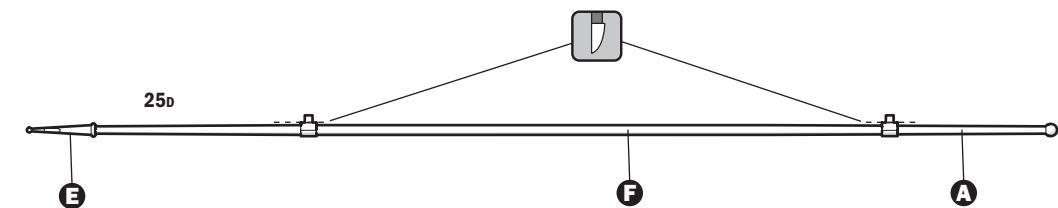
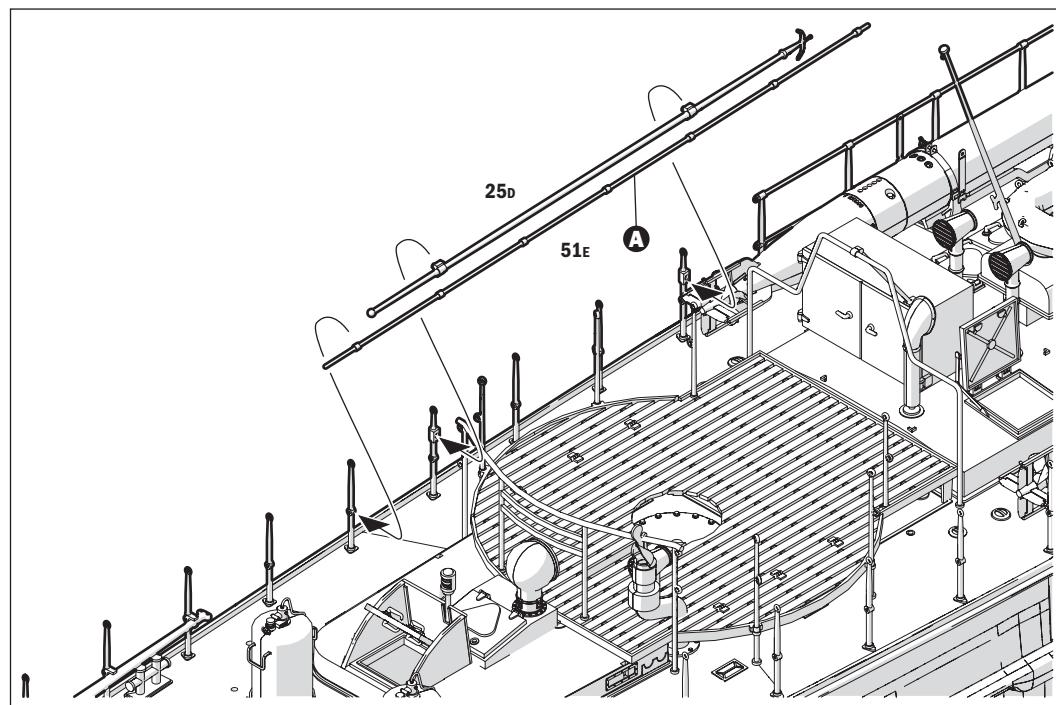


**48**

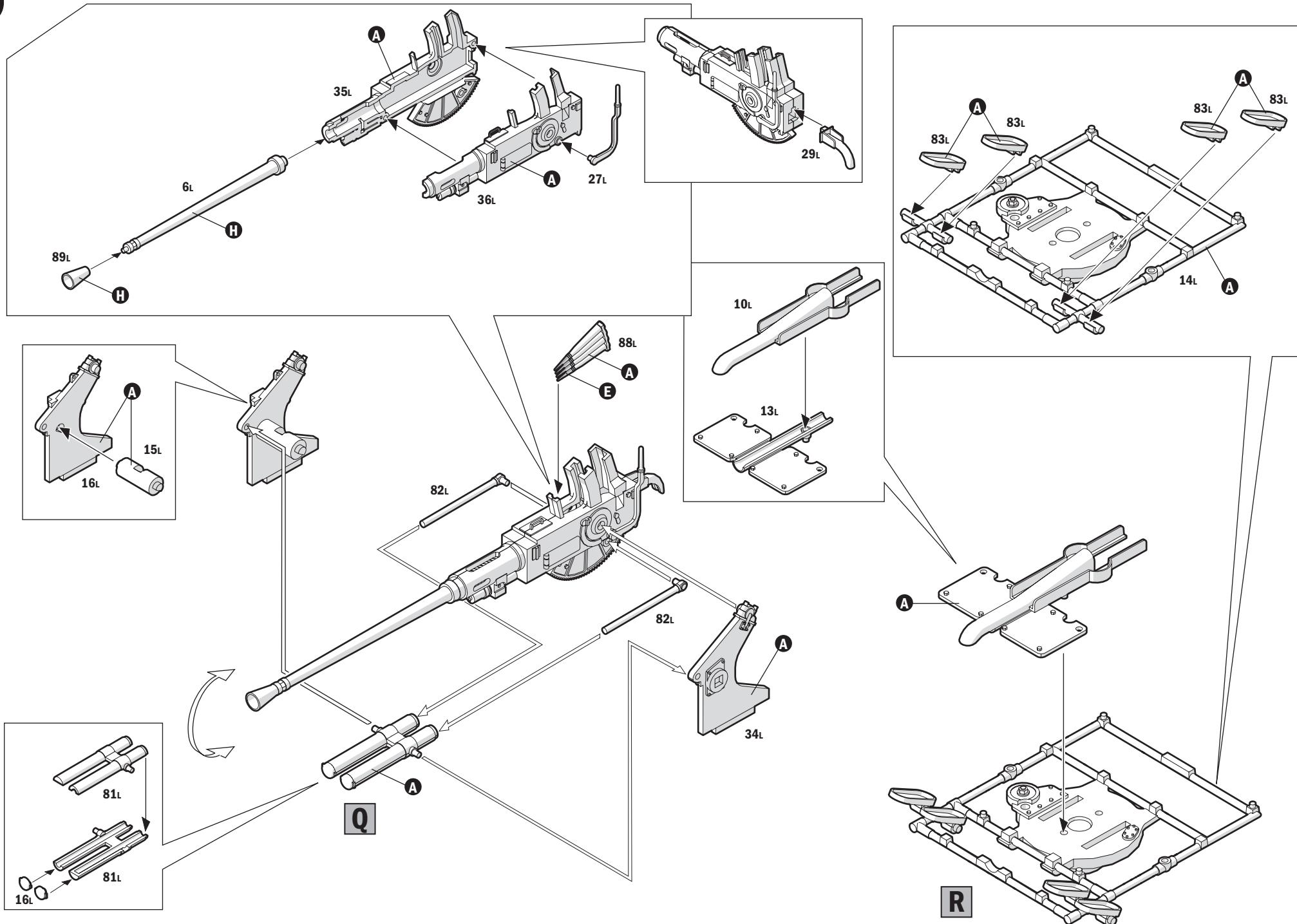
49



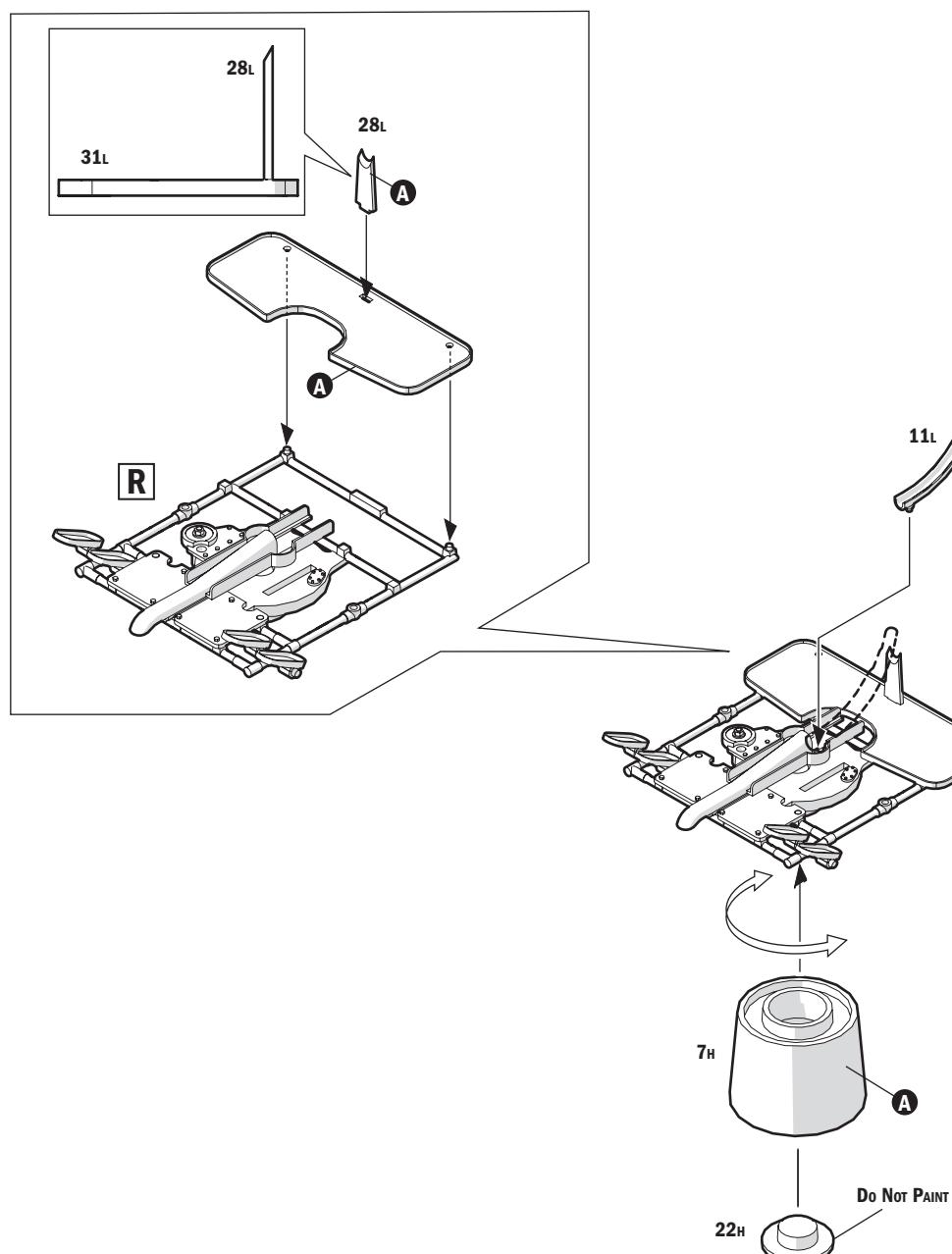


**51**

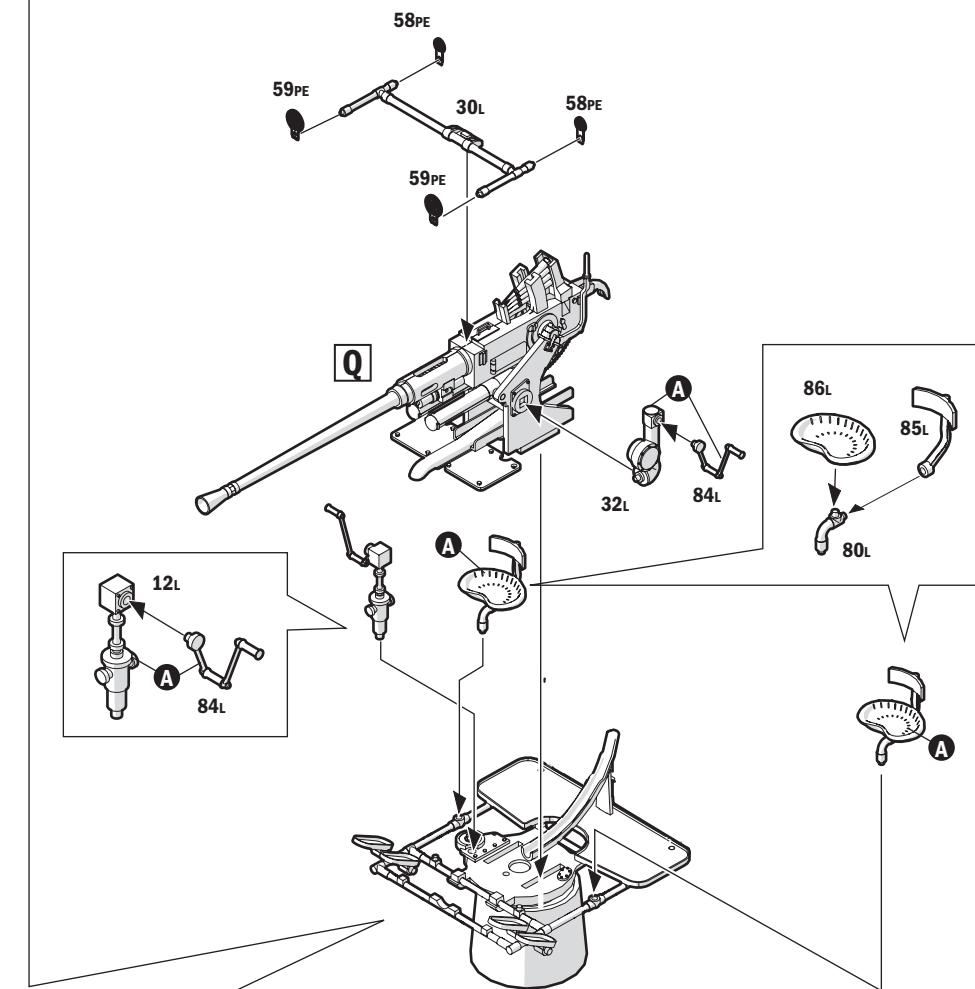
52

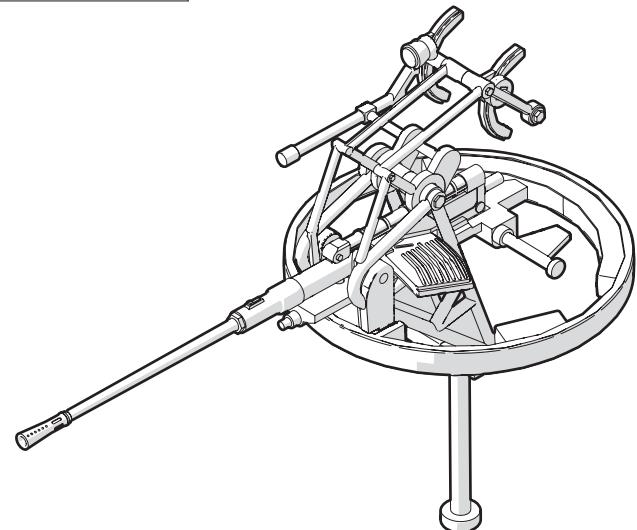
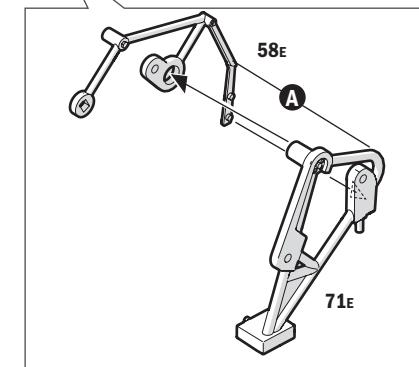
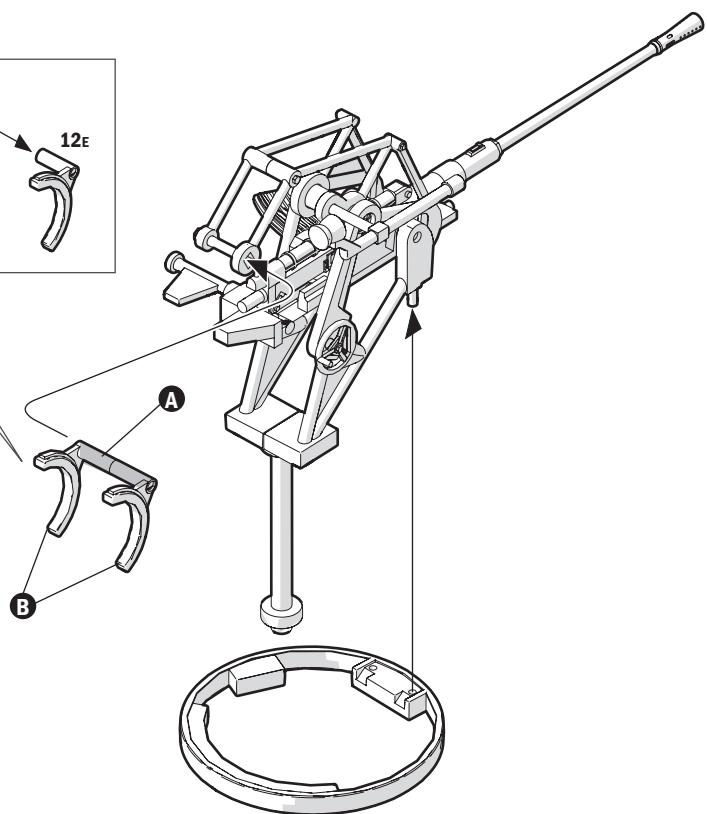
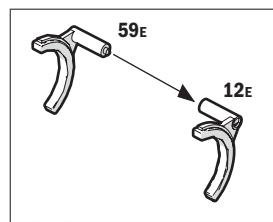
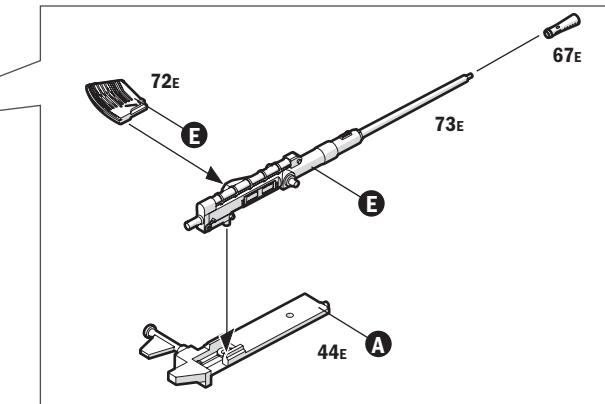
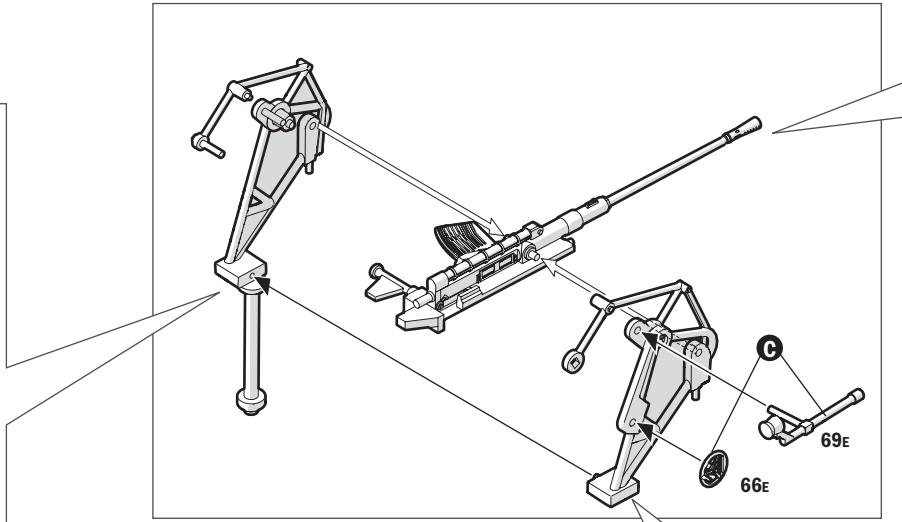
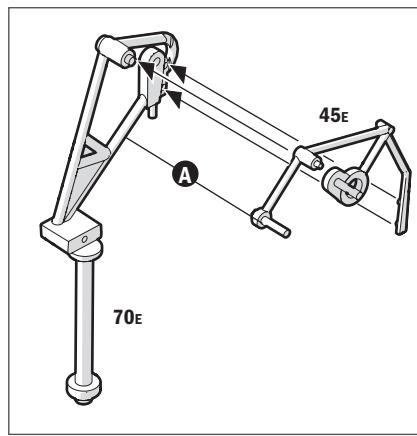


53



S



**54****T**

**55**

