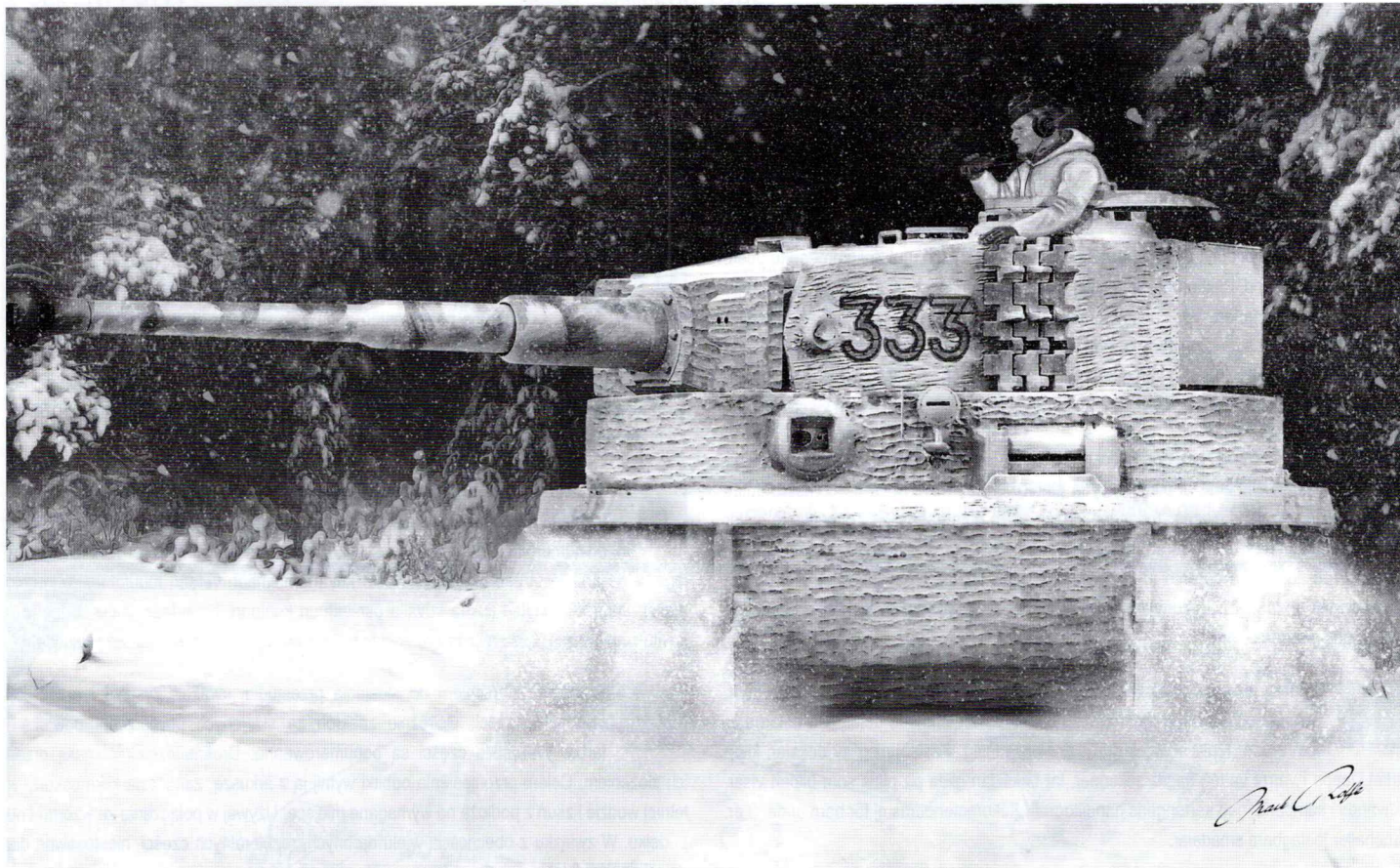




1:35 Tiger I 'Mid Version'

A1359 SCALE MODEL CONSTRUCTION KIT



The Tiger I was a German heavy tank of World War II deployed from 1942 in Africa and Europe, usually in independent heavy tank battalions. Its final designation was Panzerkampfwagen VI Tiger Ausf. E often shortened to Tiger. The Tiger I gave the Wehrmacht its first armoured fighting vehicle that mounted the 8.8 cm KwK 36 gun. 1,347 were built between August 1942 and August 1944. It carried a crew of 5 (driver, radio operator, gunner, commander and loader), and was powered by a water-cooled V-12 engine, taking to speeds up to 28 m.p.h. (45 k.m.p.h.), and along with its feared main weapon carried two 7.92mm MG-34 machine guns, used in close combat situations. While the Tiger I has been called an outstanding design for its time, it was arguably over-engineered using expensive materials and labour-intensive production methods. The Tiger was prone to certain types of track failures and breakdowns, and was limited in range by its high fuel consumption. It was expensive to maintain, but generally mechanically reliable. Also being difficult to transport, and vulnerable to immobilisation when mud, ice, and snow froze between its overlapping and interleaved Schachtellaufwerk-pattern road wheels, often jamming them solid, made the effectiveness of this fearsome weapon less potent. This was a problem on the Eastern Front in the muddy spring season and during periods of extreme cold. The tank was given its nickname "Tiger" by Ferdinand Porsche, and the Roman numeral was added after the later Tiger II entered production. The initial designation was Panzerkampfwagen VI Ausführung H ("Panzer VI version H", abbreviated PzKpfw VI Ausf. H) where 'H' denoted Henschel as the designer/manufacturer. It was classified with ordnance inventory designation SdKfz 182. The tank was later re-designated as PzKpfw VI Ausf. E in March 1943, with ordnance inventory designation SdKfz 181. Mid-production Tiger I's have the second design turret with the smaller cupola but retain the rubber-rimmed roadwheels.

**HORNBY
HOBBIES**

FOR BEST RESULTS:

Surfaces to be painted should be clean – before parts are removed from the sprue, wash in warm, soapy water, rinse and dry thoroughly. Stir paints thoroughly before use.

PLEASE NOTE:

Some parts in the kit may not be required to build the model specified.



Manufactured by: Hornby Hobbies Ltd Westwood, Margate, Kent, CT9 4JX, UK +44(0)1843 233525 customerservices.uk@hornby.com

EU Authorised Representative: Hornby Italia SRL, Viale dei Caduti, 52/A6, Castel Mella (BS), Italy, 25030 +39 0687501292 customerservices.it@hornby.com

ASSEMBLY INSTRUCTIONS

GB Study drawings and practice assembly before cementing parts together. Carefully scrape plating and paint from cementing surfaces. All parts are numbered. Paint small parts before assembly. To apply decals cut sheet as required, dip in warm water for a few seconds, slide off backing into position shown. Use in conjunction with box artwork. Not appropriate for children under 36 months of age, due to the presence of small detachable parts.

FR Étudier attentivement les dessins et simuler l'assemblage avant de coller les pièces. Gratter soigneusement tout revêtement ou peinture sur les surfaces à coller avant collage. Toutes les pièces sont numérotées. Peindre les petites pièces avant l'assemblage. Pour coller les décalques, découper le motif, le plonger quelques secondes dans de l'eau chaude puis le poser à l'endroit indiqué en décollant le support papier. Utiliser en même temps les illustrations sur la boîte. Ne convient pas à un enfant de moins de 36 mois – présence de petits éléments détachables.

DE Vor Verwendung des Klebers Zeichnungen studieren und Zusammenbau üben. Farbe und Plattierung vorsichtig von den Klebeflächen abkratzen. Alle Teile sind numeriert. Vor Zusammenbau kleine Teile anmalen. Um die Abziehbilder aufzukleben, diese ausschneiden, kurz in warmes Wasser tauchen, dann abziehen und wie abgebildet aufkleben. In Verbindung mit Abbildungen auf Schachtel verwenden. Ungeeignet für Kinder unter 36 Monaten. Kleine Teilchen vorhanden die sich lösen können.

ES Estudiar los dibujos y practicar el montaje antes de pegar las piezas. Raspar cuidadosamente el plateado y la pintura en las superficies de contacto antes de pegar las piezas. Todas las piezas están numeradas. Es conveniente pintar las piezas pequeñas antes de su montaje. Para aplicar las calcomanías, cortar la hoja, sumergir en agua tibia durante unos segundos y deslizarlas en la posición debida. Ver ilustraciones en la caja. No conviene a un niño menor de 36 meses, contiene pequeñas piezas que pueden soltarse.

SE Studera bilderna noggrant och sätt ihop delarna innan du limmar ihop dem. Skrapa noggrant bort förtkröning och färg från limmade delar. Alla delarna är numrerade. Mala smadelarna före ihopsättning. Fastsättning av dekaler, klipp arket. Doppa i varmt vatten några sekunder, lat baksidan glida på plats som bilden visar. Används i samband med kartongens handlitografi. Rekommenderas ej för barn under 3 år. Innehåller löstagbara smadelar.

IT Studiare i disegni e praticare il montaggio prima di unire insieme i pezzi con l'adesivo. Raschiare attentamente le tracce di smalto e cromatura dalle superfici da unire con adesivo. Tutti i pezzi sono numerati. Colorare i pezzi di piccole dimensioni prima di montarli. Per applicare le decalcomanie, tagliare il foglio secondo il caso, immergere in acqua calda per alcuni secondi, quindi sfilare la decalcomania dalla carta di supporto e piazzarla nella posizione indicata. Usare in congiunzione con l'illustrazione sulla scatola. Non adatto ad un bambino di età inferiore ai 36 mesi dovuto alla presenza di piccoli elementi staccabili.

NL Tekeningen bestuderen en delen in elkaar zetten alvorens deze te lijmen. Metaalcoating en lak voorzichtig van lijmvlakken af schrapen. Alle delen zijn genummerd. Kleine delen vóór montage verven. Voor aanbrengen van stickers, gewenste stickers uit vel knippen, een paar seconden in warm water dompelen en dan van schutblad af op afgebeelde plaats schuiven. Hierbij afbeelding op doos raadplegen. Niet geschikt voor kinderen onder 3 jaar, omdat kleine deeltjes gemakkelijk kunnen losraken.

DK Tegningerne bør studeres, og man bør øve sig i monteringen, før delene limes sammen. Pladestykker og maling skal omhyggeligt fjernes fra kloebeoverfladerne. Alle dele er nummererede. Små dele skal males før monteringen. Overføringsbillederne anvendes ved at tilklippe arket efter behov. Og dyppe det i varmt vand i nogle få sekunder. Underlaget glides af og anbringes i den viste position. Påføres ifølge brugsanvisningerne på oesken. Ikke til børn under 3 år, forekomst af små løse elementer.

PT Estudar atentamente os desenhos e experimentar a montagem. Raspar cuidadosamente as superfícies de modo a eliminar pintura e revestimento antes de colar. Todas as peças estão numeradas. Pintar as pequenas peças antes de colar. Para aplicar as decalcomanias, cortar as folhas e mergulhar em água morna por alguns segundos, depois deslizar e aplicar no respectivo lugar, como indicado nas ilustrações na caixa. Não convém a uma criança de menos de 36 meses devido à presença de pequenos elementos destacáveis.

FI Tutustu piirroksiin ja harjoittele kokoamista ennen kuin liimaat osat yhteen. Raaputa metallipäällyste ja maali varovasti pois liimattavilta pinoilta. Kaikki osat on numeroitu. Maalaa pienet osat ennen kokoamista. Siirtokuvien kiinnittämiseksi leikkaa ne arkista tarpeen mukaan. Kasta kuva lämpimään veteen muutaman sekunnin ajaksi, anna takapuolen liukua kuvalle osoitettuun kohtaan. Käytetään yhdessä laatikon kuvituksen kanssa. Ei suositella alle kolmivuotiaalle lapsille. Paljon irrotettavia pikkuosia.

PL Przed przystąpieniem do sklejania przestudiuj uważnie rysunki i przećwicz składowanie części. Osłóżnie zeskrób ze sklejanych powierzchni powłokę i farbę. Wszystkie części są ponumerowane. Drobne części pomaluj przed ich złożeniem. Celem przeniesienia odbitki wytnij ją z arkusza, zanurz na kilka sekund w letniej wodzie i zsuń z podłoża na wymagane miejsce. Używaj w połączeniu ze wzorami na pudełku. W związku z obecnością wielu drobnych, rozbiernych części, niestosowne dla dzieci poniżej 3 lat.

EL Μελετήστε προσεκτικά τα σχέδια και συναρμολογήστε για πρώτη φορά τα κομμάτια χωρίς να τα συγκολλήσετε. Αφαιρέσετε επιμελώς τη μεταλλική μπογιά και την πλαστική βαφή από τις επιφάνειες τις οποίες θα συγκολλήσετε ξυνοτάς τις προσεκτικά. Όλα τα κομμάτια είναι αριθμημένα. Χρωματίστε τα μικρά κομμάτια πριν από τη συναρμολόγηση. Για να κολλήσετε τις χαλκομανίες, κόψτε γύρω από το σχέδιο όπως απαιτείται, βυθίστε το μερικά δευτερόλεπτα σε χλιαρό νερό και μετά τοποθετήστε το στη θέση που υποδεικνύεται, αφαιρώντας τη μεμβράνη που το καλύπτει. Λάβετε υπόψη σας ταυτόχρονα την εικονογράφηση του κουτιού. Ακατάλληλο για παιδιά ηλικίας κάτω των 36 μηνών λόγω ύπαρξης μικρών κομματιών που αποσπώνται.

ASSEMBLY ICON INSTRUCTIONS

<p>Assembly phase Phase de montage Montagephase Fase de montaje Monteringsfasen Fase di montaggio Montagefase Fase de montagem Monteringsfase Kokoamisvaihe Faza składowania Φάση συναρμολόγησης</p> 	<p>Cement Coller Kleben Pegar Limma Incollare Lijmen Colar Klæbes Liimaa Kleić Συγκολλήστε</p> 	<p>Do not cement together No pas coller Nicht kleben No pegar Limma inte Non incollare Niet lijmen Não colar Skal ikke klæbes Älä liimaa Nie kleić Μη συγκολλήσετε</p> 	<p>Join by applying heat Riveter Heiss vernieten Ribadire Klinken Nita Niittaa Fastnitte Rebitar Pegar aplicando calor Rozgrzać i połączyć Ενώστε χρησιμοποιώντας θ</p> 	<p>Alternative part(s) provided Autre(s) pièce(s) fournie(s) Ersatzteil(e) mitgeliefert Se incluye(n) pieza(s) alternativa(s) Alternativ(a) del(ar) ingår Uno o più componenti alternativi forniti Alternatieve onderdelen meegeleverd Peça(s) alternativa(s) fornecida(s) Alternativ(e) del(e) medfølger Valihtoistoiset osat pakkauskassa Dostępne części zamienne Παρέχονται εναλλακτικά κομμάτια</p> 	<p>Repeat this operation Répéter l'opération Vorgang wiederholen Repetir la operación Upprepa åtgärden Ripetere l'operazione De verrichting herhalen Repetir a operação Manövren gentages Toista toimenpide Powtórzyc operację Επανάλαβε τη διαδικασία</p> 	
<p>Decals Décalcomanias Abziehbild Calcomanias Dekaler Decalcomanie Stickers Decalcomania Billedoverføring Siirtokuvat Kalkomanie Χαλκομανίες</p> 	<p>Crystal part Pièce cristal Kristallteil Pieza de cristal Kristalldel Pezzo cristallo Kristallen onderdeel Peça de cristal Kryystalstykke Krystalliosa Część kryształowa Κομμάτι κρυστάλλου</p> 	<p>Weight Lester Beschweren Lastrar Belasta Aplicare un peso Verzwaren Lastrar Påfør vægt Aseta vastapaino Obciążyc balastem Επιθέστε βάρος</p> 	<p>Remove by filing Enlever avec une lime Abfeilen Eilimnar con lima Ta bort genom att fila Rinnuovere con la lima Verwijderen door afvijlen Removea limando Fjern ved at file væk Poista villaamalla Usunąć przy użyciu pilnika Αφαιρέστε λιμόντας με λίμα</p> 	<p>Drill or pierce Percer Durchbohren Perforar Borra Trapanare o forare Boren of doorboren Furar Gennembor Poraa tai puhkaise Wywiercić lub przedziurawić Τρυπήστε</p> 	<p>Cut Découper Schneiden Cortar Skär Tagliare Snijden Cortar Skær Leikkaa Przeciąć Κόψτε</p> 	<p>Humbrol paint number No peinture Humbrol Humbrol-Farbennummer No de pintura Humbrol Humbrol färg nummer No vernice Humbrol Humbrol verfnummer No de pintura Humbrol Humbrol mallingsnummer Humbrol-maalin numero Nr farby Humbrol Νούμερο χρώματος Humbrol</p> 

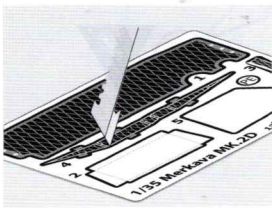
HOW TO APPLY ZIMMERIT COATING

Late in WWII, 'Zimmerit' cement was applied to the vertical surfaces of the hull to help prevent magnetic mines from sticking to the metal hull.

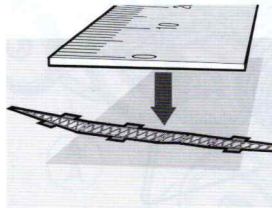
1. Material required cement putty for plastic, zimmerit tool as shown.
2. Not applied portions, temporarily masked with cellophane tape.
3. Apply a 1mm thick coating of putty, use of flat styrene sheet to the surface refer to diagrams.
4. Make the putty coating use of the 0.5mm or 0.7mm zimmerit tool to simulate the corrugated patterns.
5. When the parts locations holes fill with putty, reopen from the inside with the use of needle or drill.
6. It is recommended you practice using unused plastic parts before work on the actual kit.



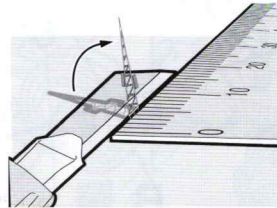
APPLYING PHOTO ETCH PARTS



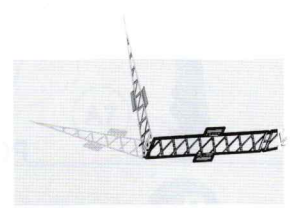
Cut off Photo Etched parts using a utility knife carefully.



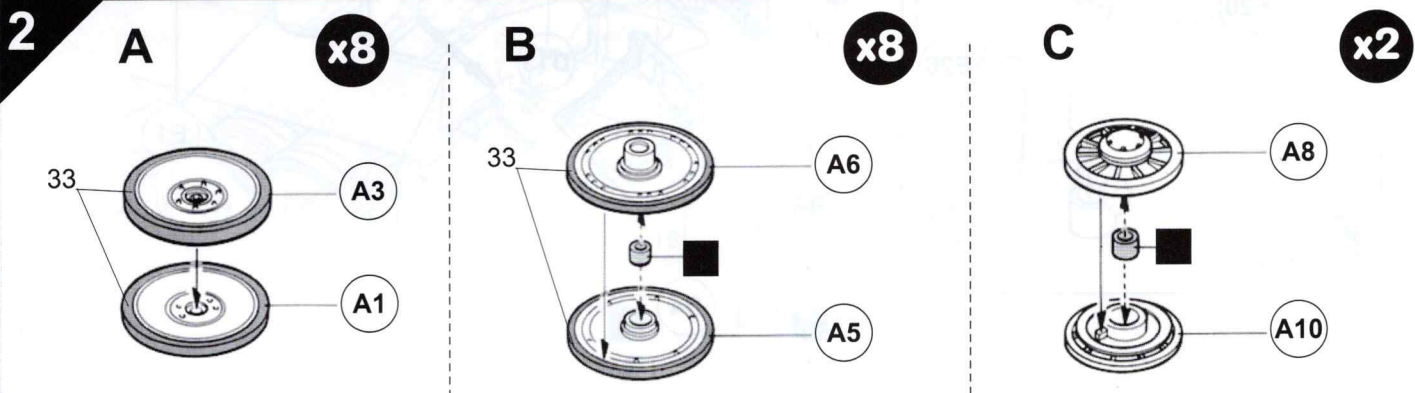
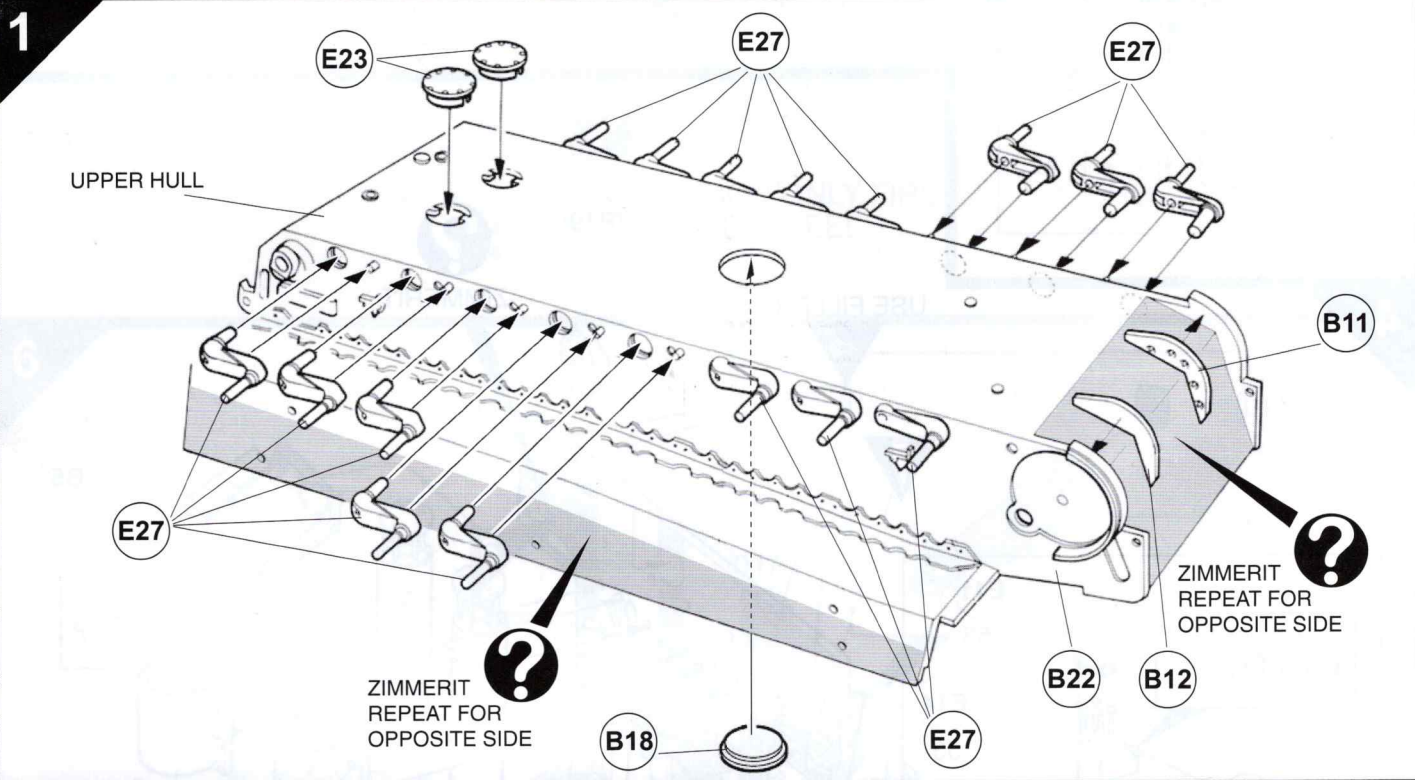
Place a flat edge object like a ruler on the Etched parts.



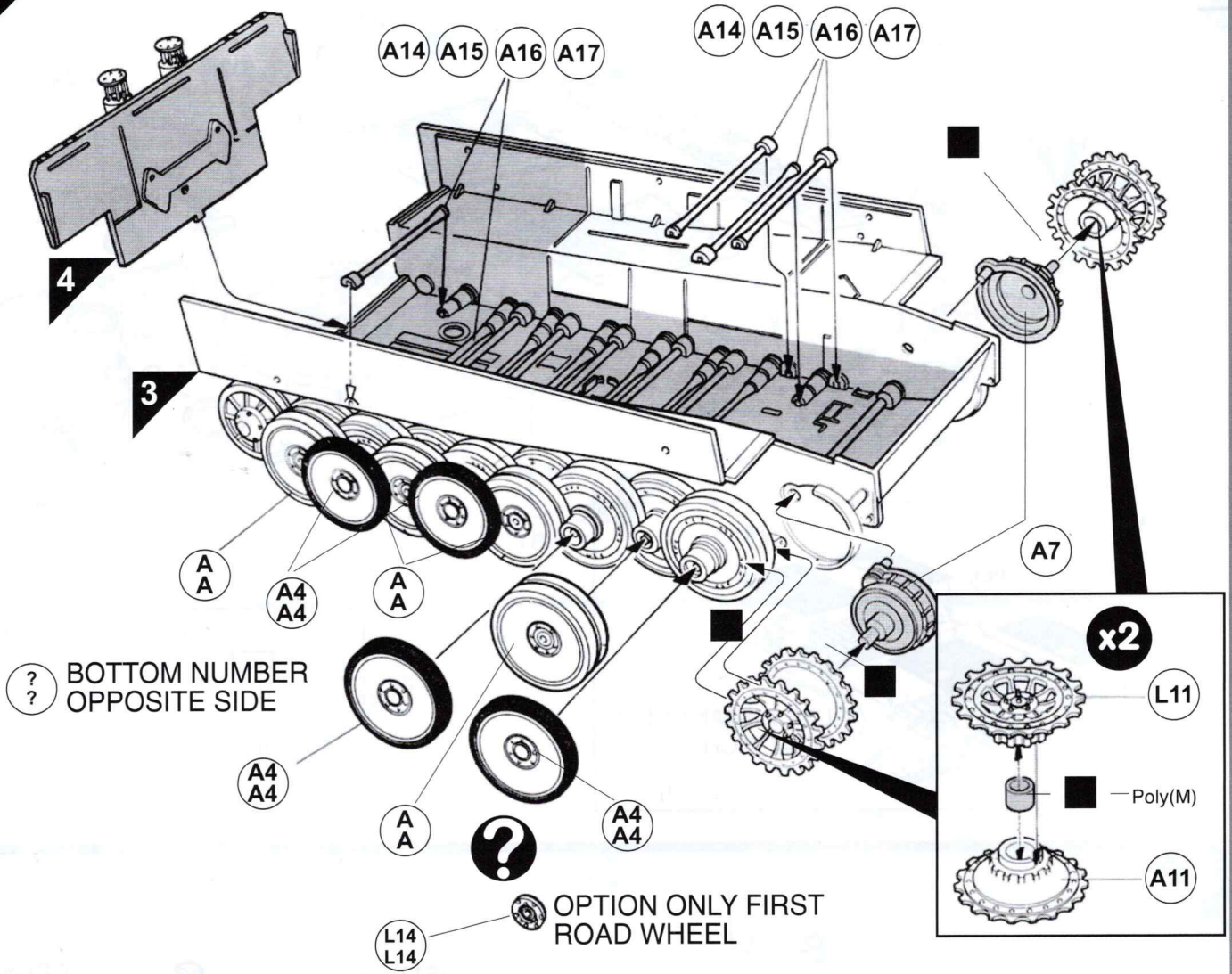
Place the knife under to bend, and carefully lift the side of the knife to fold the etched parts.



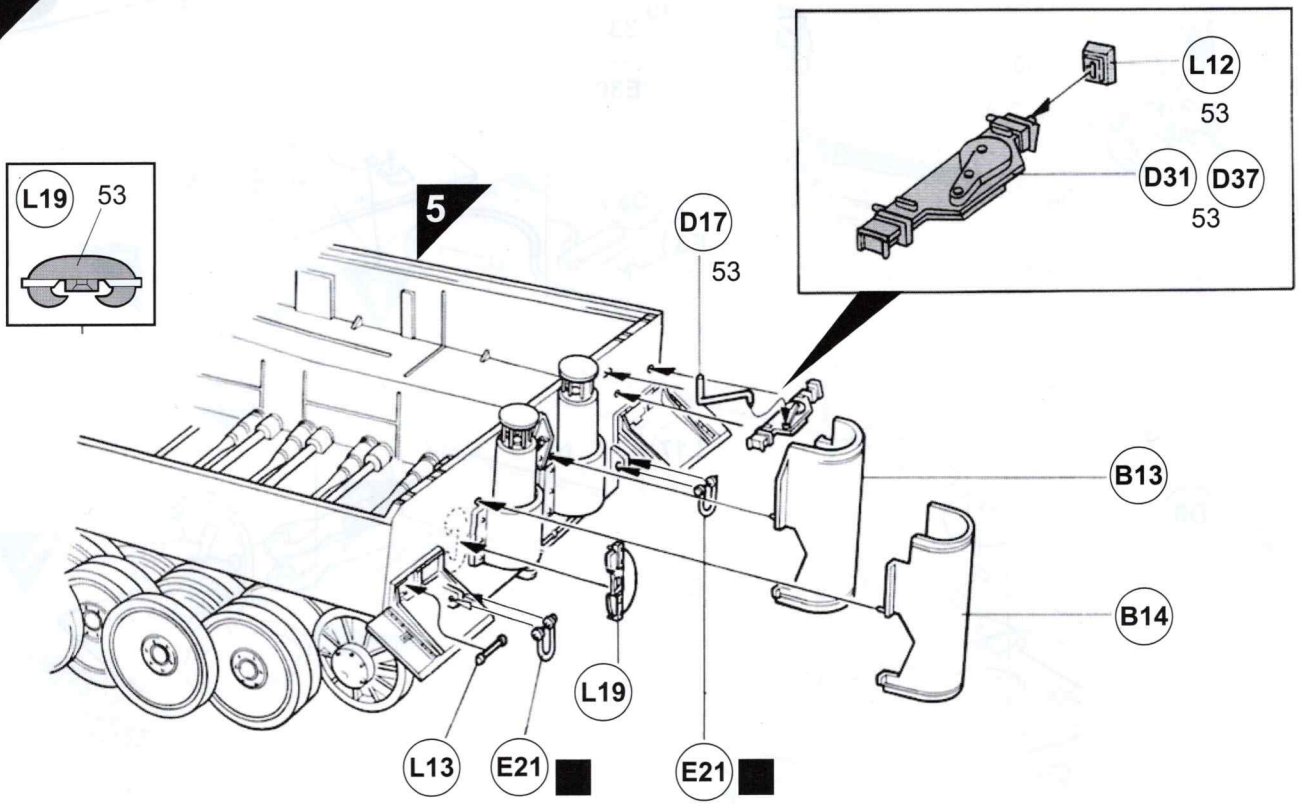
Desired part is folded neatly without damaging other places.



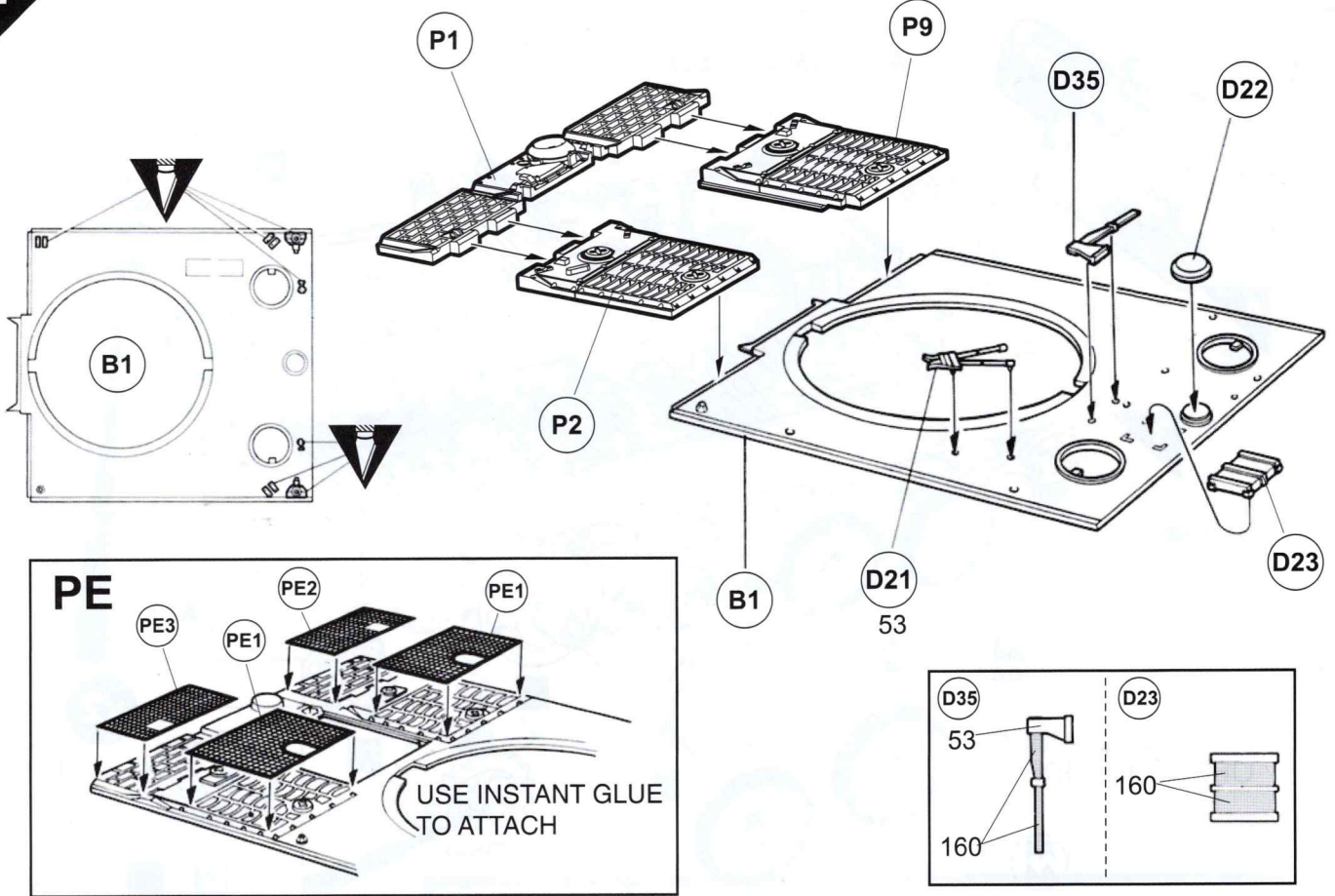
5



6

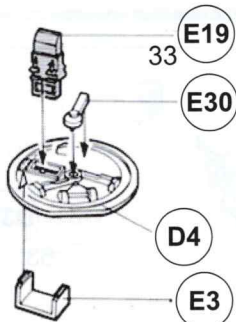


7

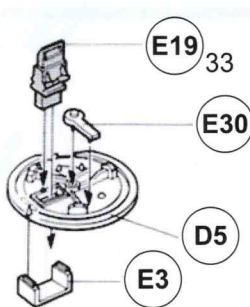


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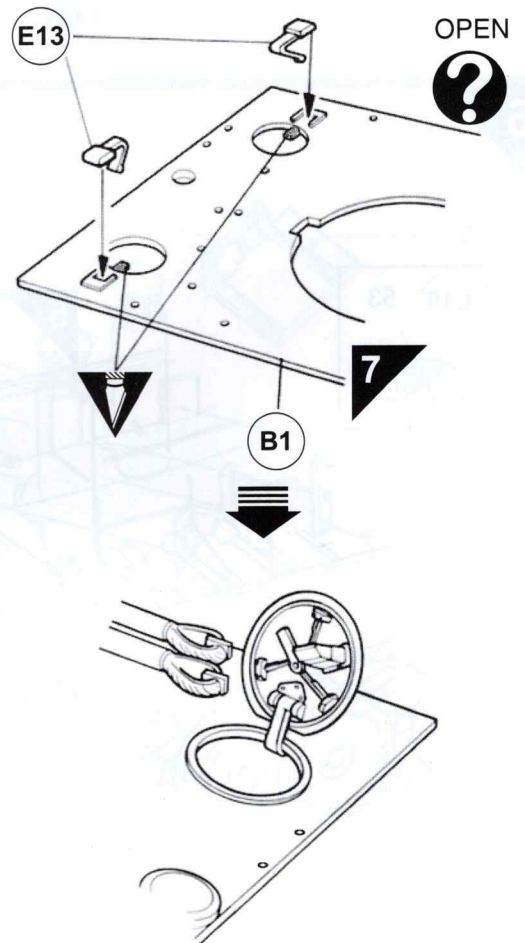
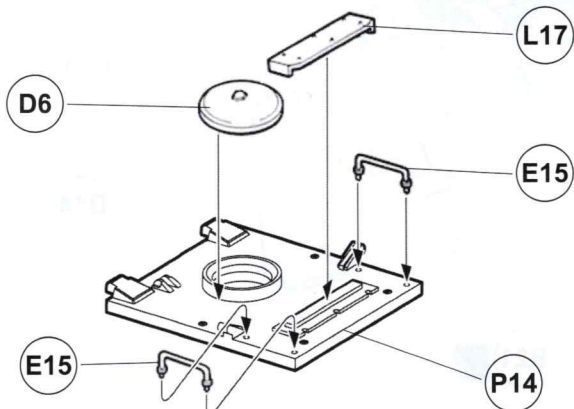
A
RIGHT



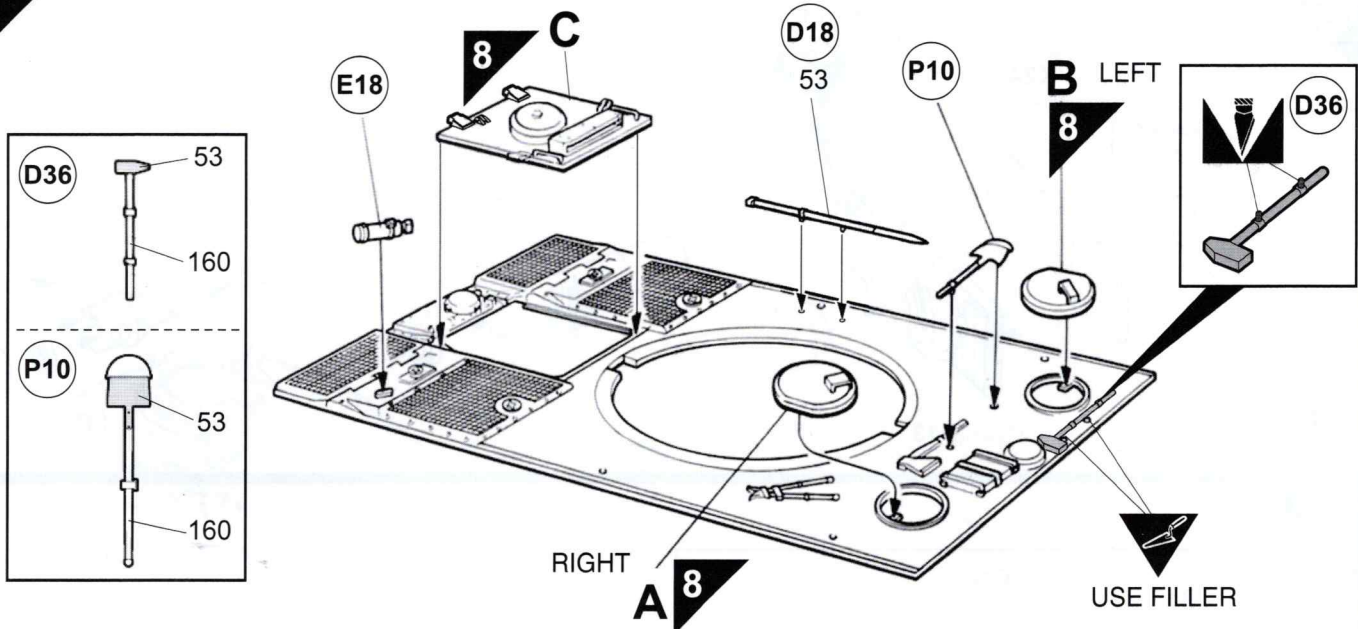
B
LEFT



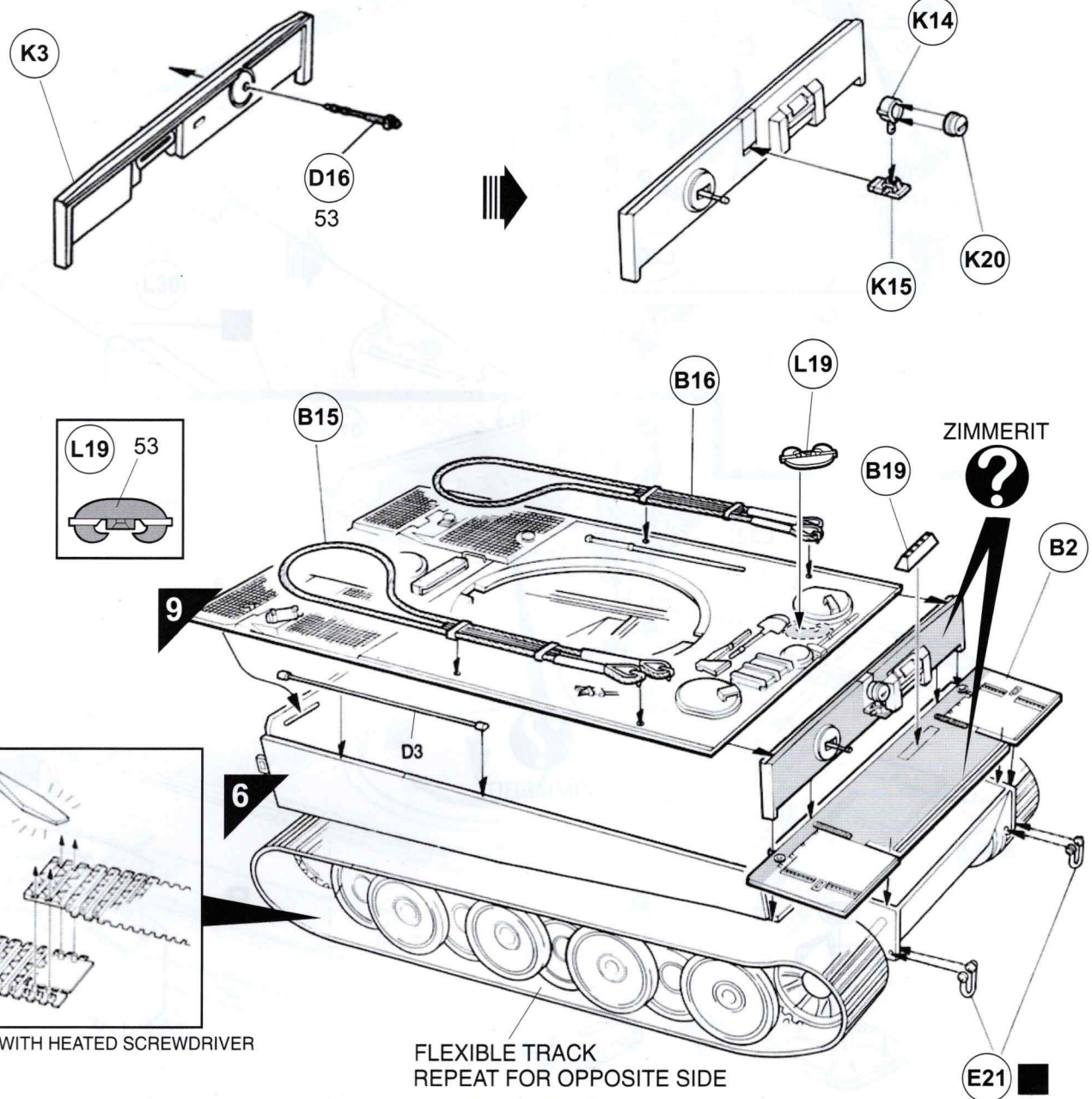
C



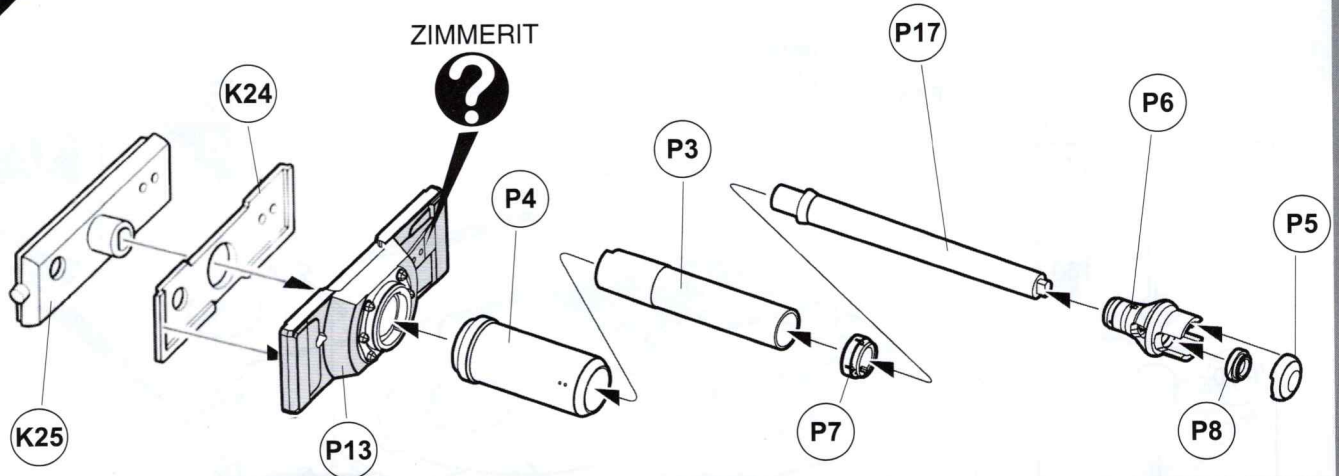
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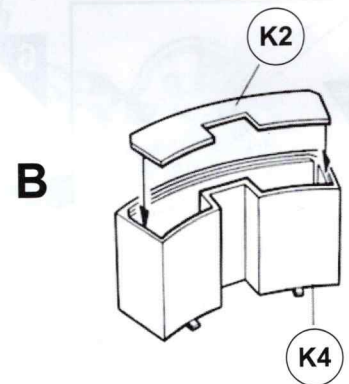
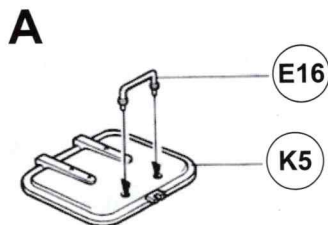
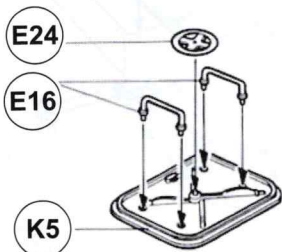
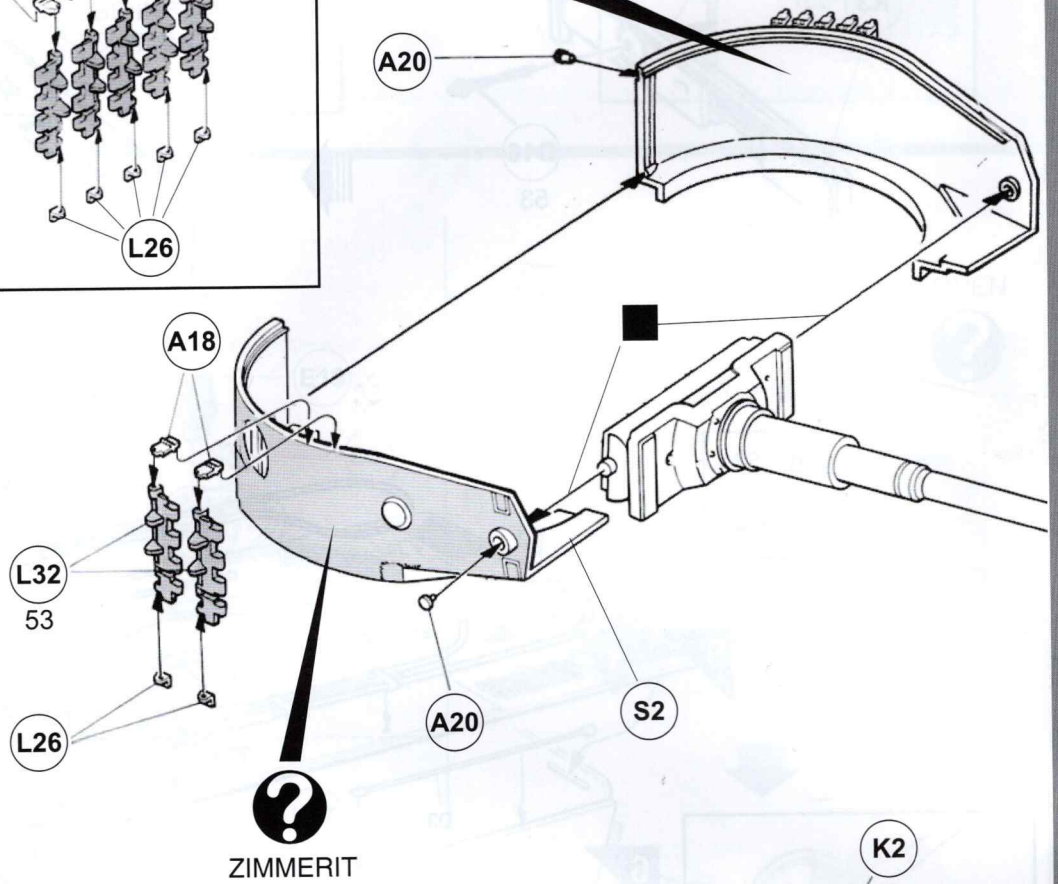
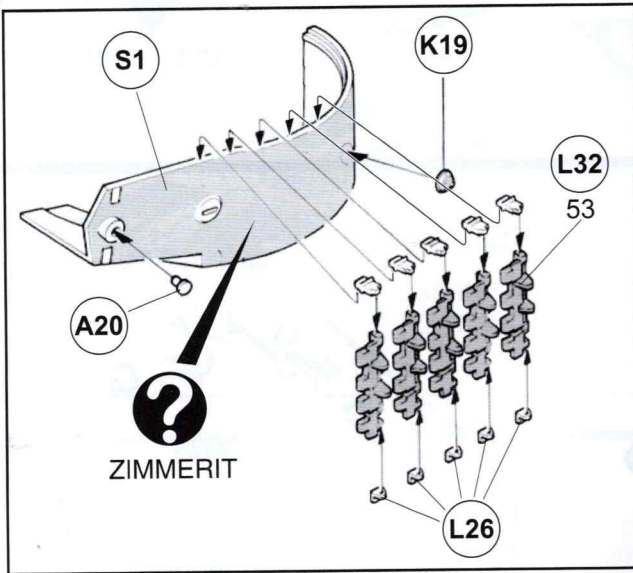
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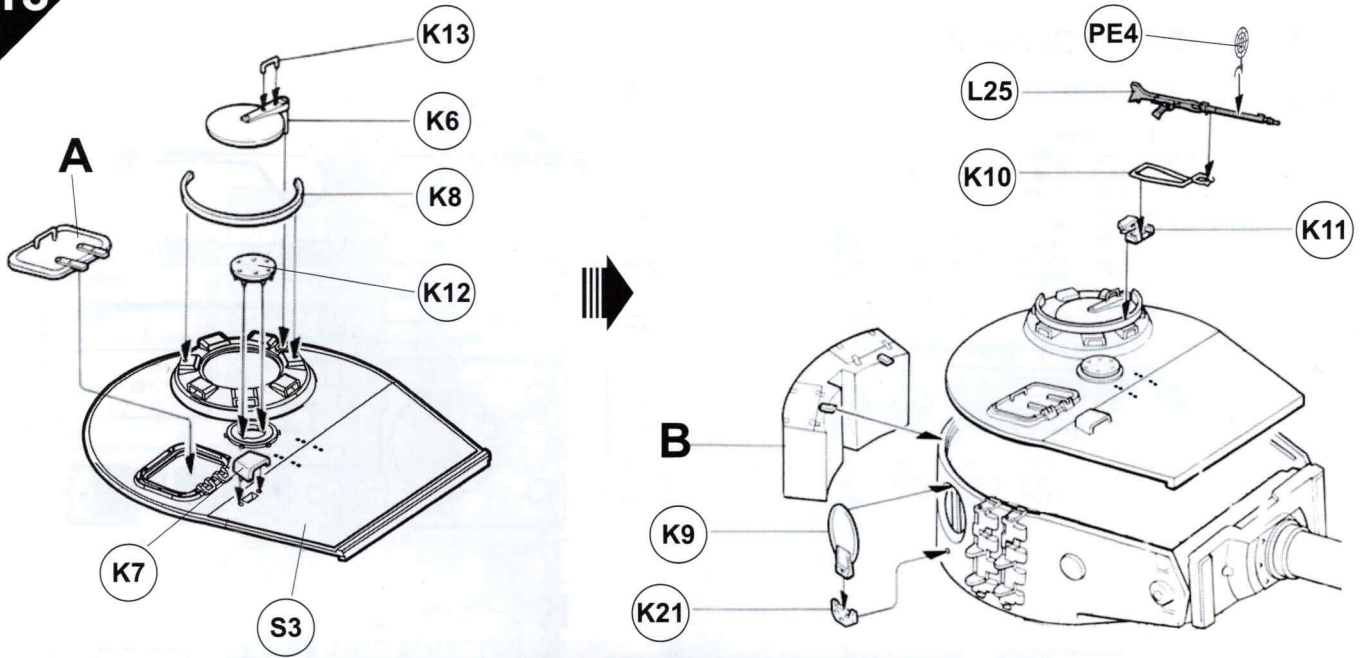
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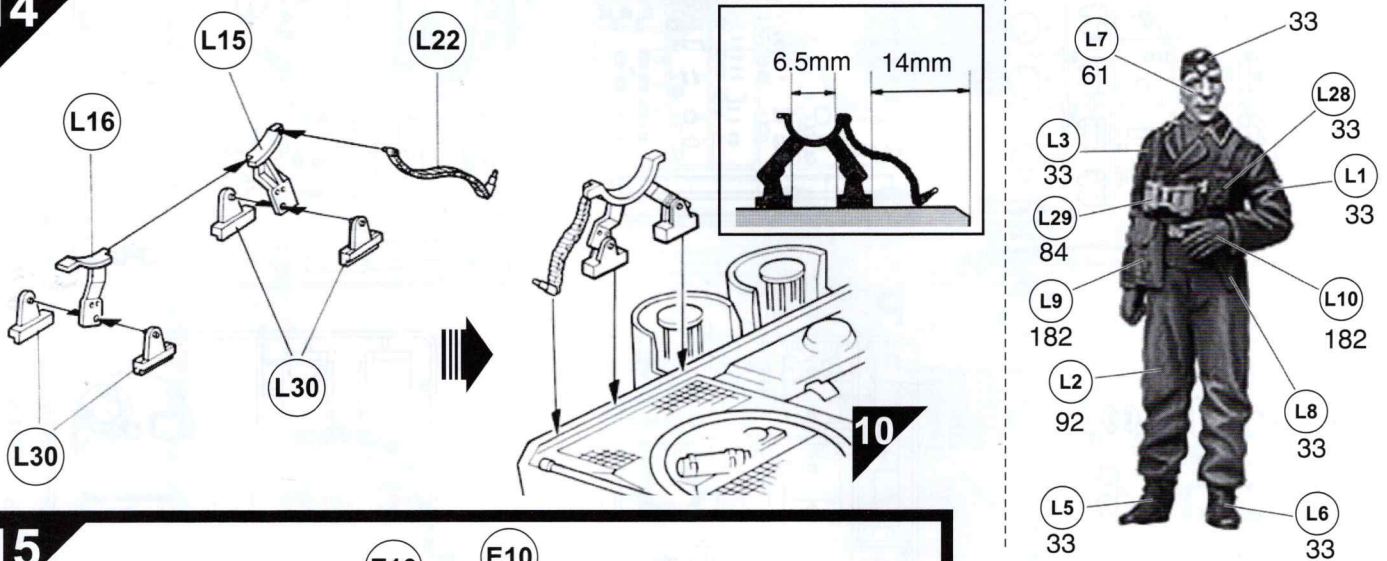
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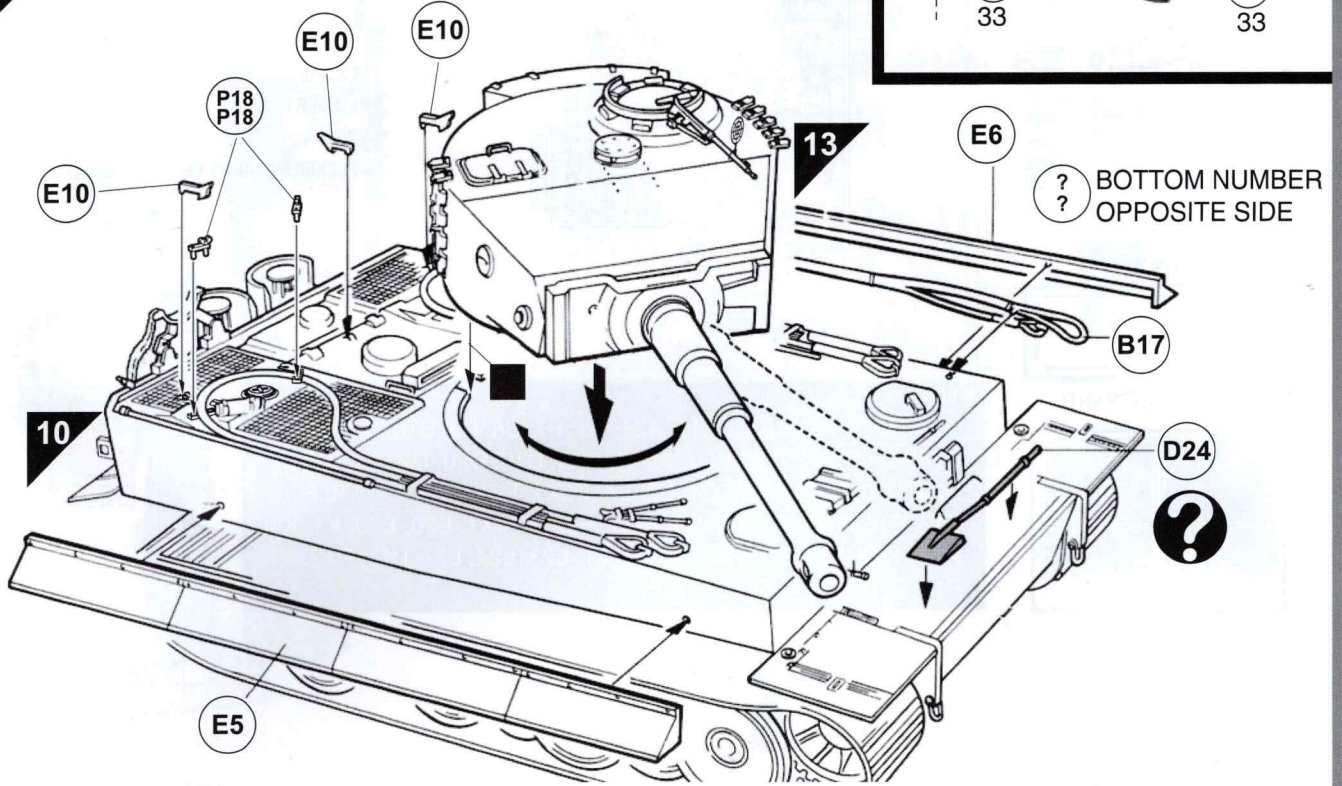
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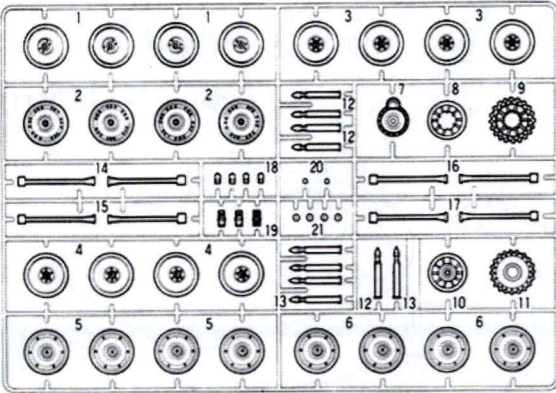


15

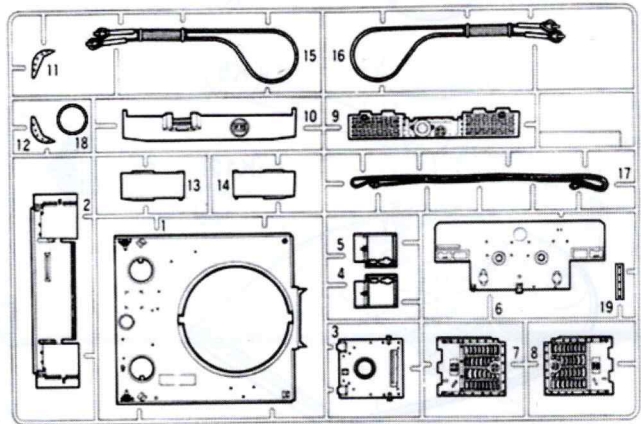


PARTS LOCATION DIAGRAM

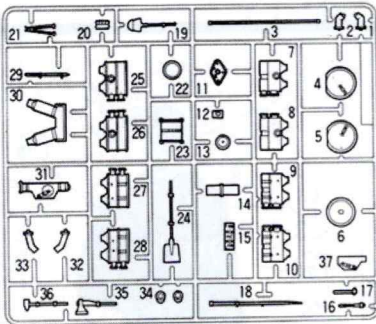
A x2



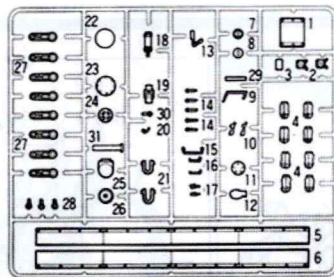
B



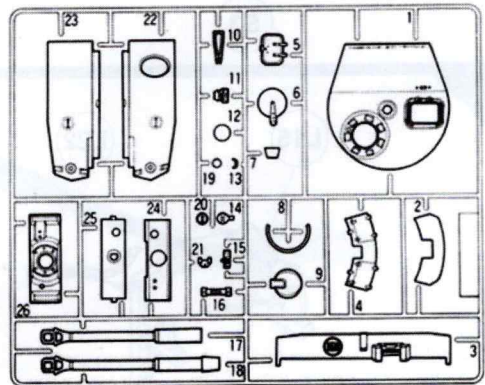
D



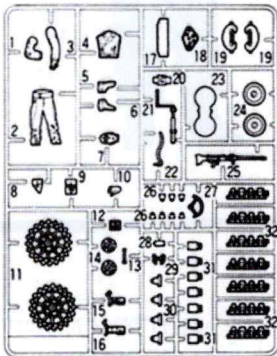
E x2



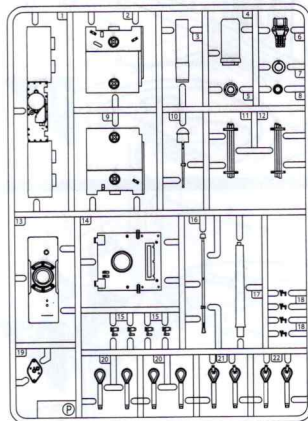
K



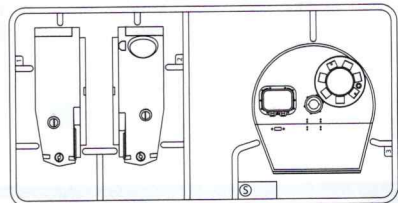
L



P



S

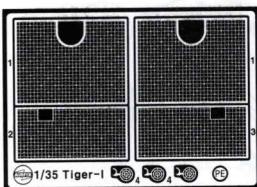


- DECAL
- LOWER HULL
- POLY
- FLEXIBLE TRACKS x2

ZIMMERIT TOOL



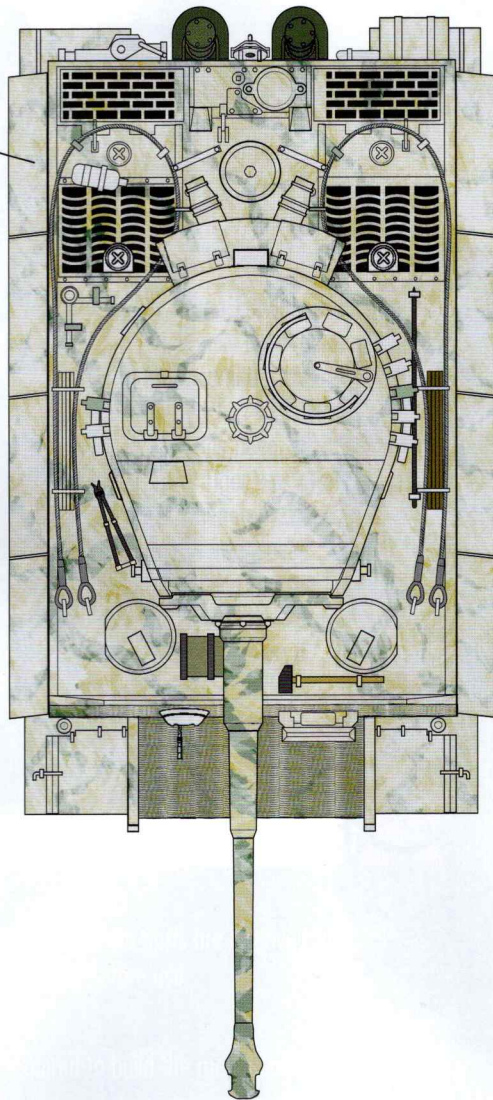
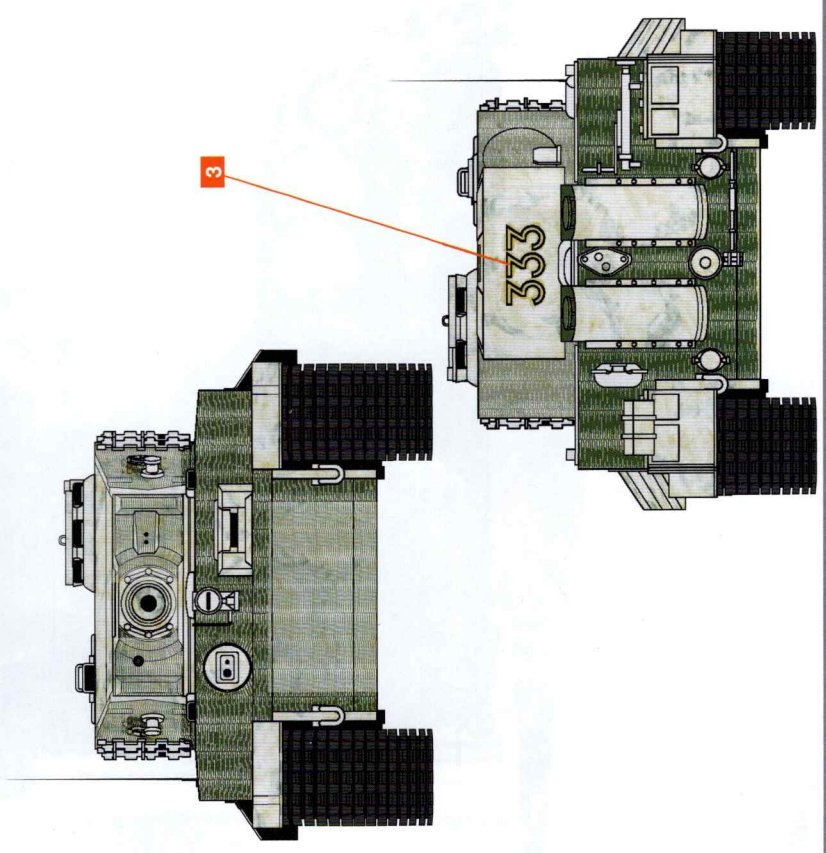
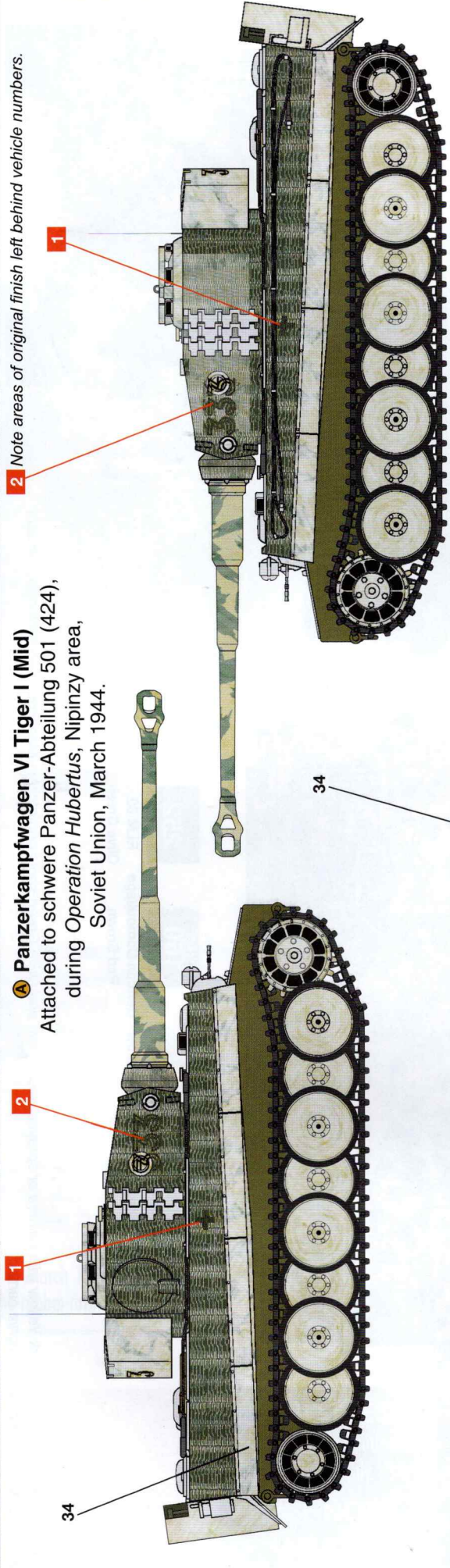
PHOTO ETCHED PARTS



- Unused parts/
 A9, A12, A13, A18X1, A19, A21, B3, B7, B8, B9, B10, D1, D2
 D7, D8, D9, D10, D11, D12, D14, D15, D19, D20, D25, D26, D27
 D28, D30, D32, D33, D34, E2, E4, E5X1, E6X1, E7, E8, E9, E10X1
 E12, E16X1, E17, E18X1, E19X1, E22, E24X1, E28, E29, K1, K16
 K17, K18, K22, K23, K26, L18, L21, L23, L24, L27, P11, P12, P15
 P16, P20, P21, P22

2 Note areas of original finish left behind vehicle numbers.

A Panzerkampfwagen VI Tiger I (Mid)
Attached to schwere Panzer-Abteilung 501 (424),
during Operation Hubertus, Nipinzy area,
Soviet Union, March 1944.

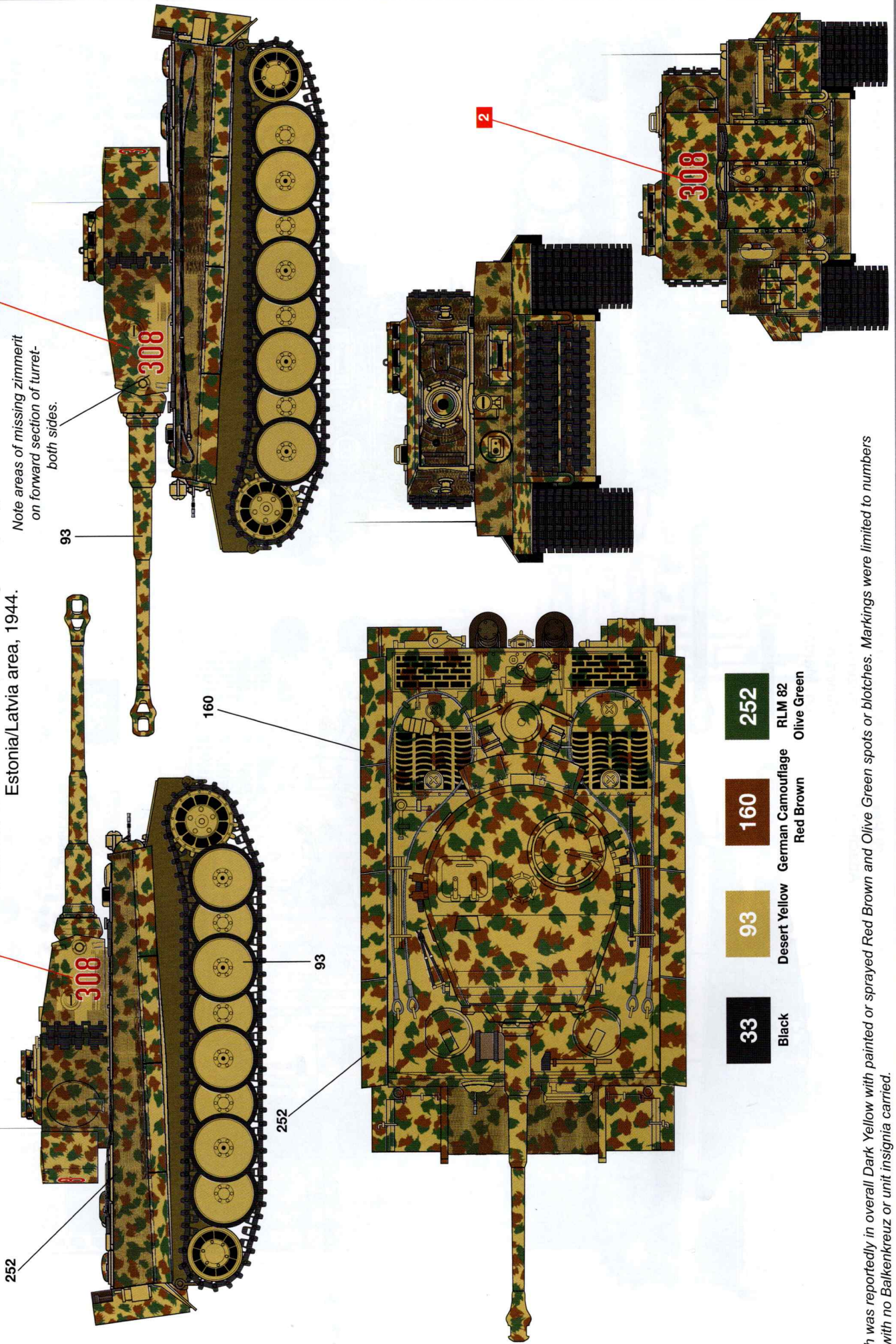


- 33** Black
- 34** White
- 93** Desert Yellow
- 252** RLM 82 Olive Green

Finish was reportedly in overall Dark Yellow with painted or sprayed Olive Green banding. A temporary whitewash finish was over-applied for winter operations. Note the thinner whitewash areas on the main gun barrel. No unit markings are

Ⓑ Panzerkampfwagen VI Tiger I (Mid)

Attached to schwere Panzer-Abteilung 502 (511),
Estonia/Latvia area, 1944.



1

Note areas of missing zimmerit
on forward section of turret-
both sides.

93

308

160

252

93

2

308

33

Black

93

Desert Yellow

160

German Camouflage
Red Brown

252

RLM 82
Olive Green

Finish was reportedly in overall Dark Yellow with painted or sprayed Red Brown and Olive Green spots or blotches. Markings were limited to numbers only with no Balkenkreuz or unit insignia carried.