

**BIG SET**

**DIORAMAS SERIES**

# REPAIRING OF Pz.Kpfw. IV Ausf. H

**36063**

**BOX CONTAINS MODEL OF:**

TANK - PZ. KPFW. IV H VOMAG  
INITIAL PROD. (MAY 1943)  
PZ.RGT. 35, 4 PZ. DIV.

4 FIGURES

GANTRY CRANE

REPAIR TABLE

2 SLEEPERS

REPAIR TOOLS

DIORAMA BASE



**GENERAL  
INSTRUCTION**

**SCALE  
1:35**

 **MiniaArt**

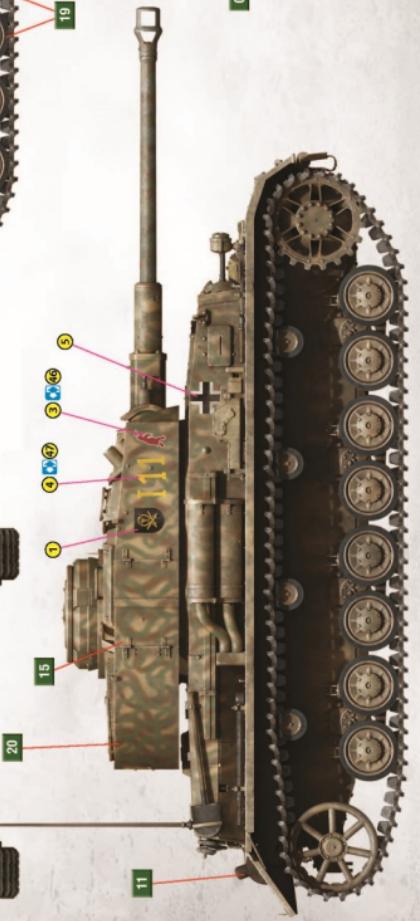
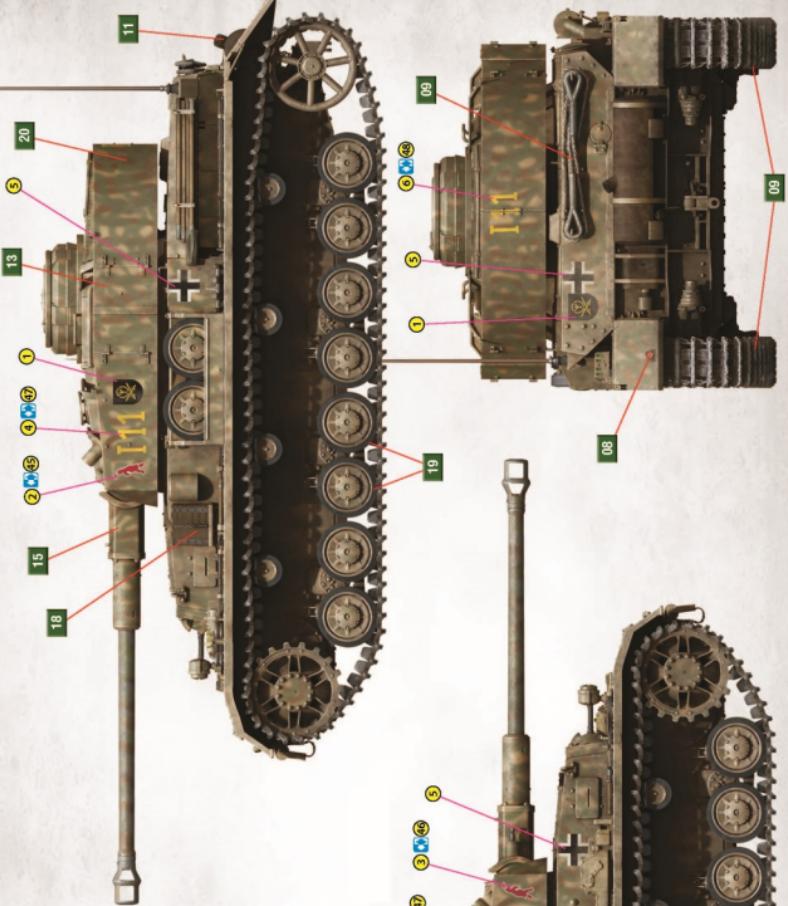
# REPAIRING OF Pz.Kpfw. IV Ausf. H



PAINTING GUIDE ① 4 Pz.Div. Summer 1944.

①

1:35



SCALA  
1:35

VEHICLE  
BOOTH#21

MiniArt 36063

#### ATTENTION

Ne pas utiliser de colle ou de peinture à proximité d'une flamme nue, et éviter la pièce de temps en temps.  
Pour retirer les pièces hors du cadre, utiliser des ciseaux spéciaux pour maquette le plastique en excès avec un cutter ou une lime.  
Voir la fin de cette colonne pour la signification des symboles.  
Après l'assemblage peut rester des pièces inutilisées.

#### ZUR BEACHTUNG

Kleber und Farbe nicht nahe von offenem Feuer verwenden und das Fenster vom Zeit zu Zeit beißend röhren öffnen.  
Zum Abschneiden der Teile vom Verbundstück eine Modellierschere verwenden und die überschüssige Plastikteile mit einem Messer oder einer Feile beseitigen.  
Die Bedeutung der Symbole finden Sie unten in dieser  
Nach dem Zusammenbau des Modells, können einzelne Teile übrig bleiben.

#### УВАГА

Не підносити клей та фарбу над роботою під час дії вогнів, що добре прогоріюють.  
Деталі відрізати від пластику ножем або іншим різальним інструментом. Зачистити обойми і місця зброя до допоміжного накладки та пакетного паперу, будувати моделі використовуючи Мікро і нікелеві. Для зручності побудовані компоненти деталь позначена номерами.  
Після складання можуть залишитися немикрохристалін деталі.

#### ВНИМАНИЕ

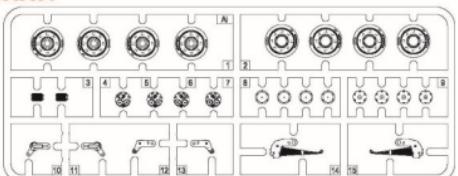
При использовании клея и краски вблизи работы производить в проектируемых помещениях вдали от источников огня.  
Детали отрезать от пластика ножом или другим резущим инструментом. Зачистить обоймы и места скреп с помощью микроподложки и пакетного папера. Сборку моделей производить согласно схеме сборки.  
Для удобства сборки можно делать обозначения номеров.  
После сборки могут остататься неиспользованные детали.

#### CAUTION

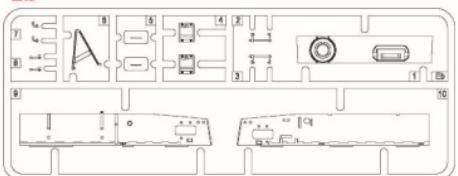
When you use glue or paint, do not use near open flame, and use in well ventilated room. When you take parts off from the runner frame, use modeling scissors or cutter.  
See the bottom of this column for the meaning of symbols.  
Extra details can remain after assembling of the kit.

## PARTS

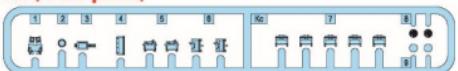
### Ai x4



### Eb



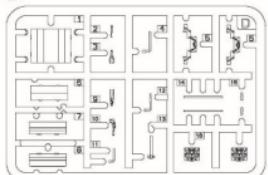
### Kc (Clear parts)



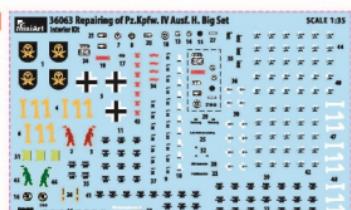
### Kd x2



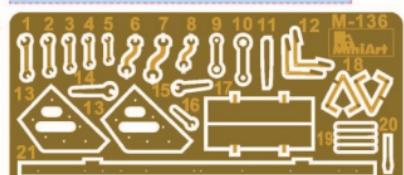
### D



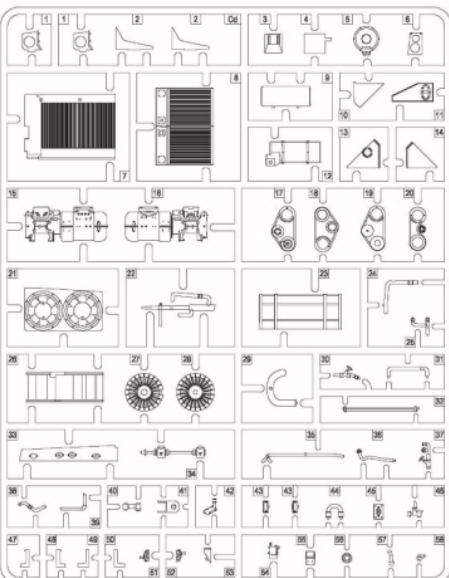
### Decol



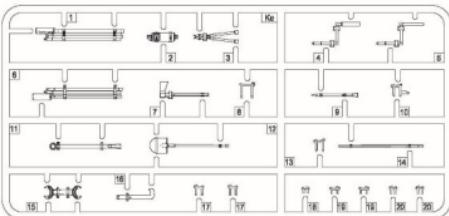
### PEb parts



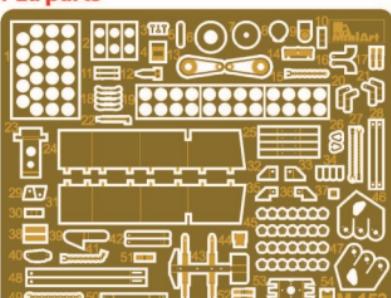
### Cd



### Ke



### PEa parts





МАЛЫЙ ЗОГ  
АДАПТИВНЫЙ  
EFFETTEUR 2 PIECES  
PARISIENNE 2222  
TRÉ 2 M5  
ДОЛГИЙ МАЛЫЙ  
ЗОГ ДЛЯ РАБОТЫ  
БЛИЖНЕЙ РАБОТЫ



DO NOT CEMENT  
NÖTIG ZU BIEGEN  
NET PAS COLLER  
NETT COLLAIRE  
NETT 2 M5  
LIMMAGE  
НЕ НЕДОЗАДУВАТЬ КЛЕЙ  
НЕ КЛЕЙТИ



OPEN HOLE  
DÖRFEN  
NACH BELEGEN  
FACULTATIF  
FAIRE UN TROU  
FACULTATIV  
VALAAMEN  
VALSAAR  
VIRKÄÄNTÄÄ  
VIRKÄÄNTÄÄ



REMOVE  
ENTSTÖPfen  
NETTEN  
RETIRER  
RETRAITER  
AKA REKA  
OPERA HALLET  
ODVODIT  
ZBROJIT OTVÍR



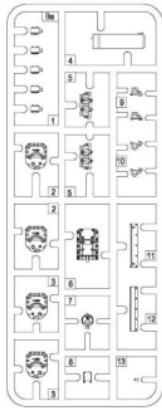
BEND  
BIEGEN  
PLIER SI VOUS PLAÎT  
PIEDRAGE  
TAPER  
TAPER  
BOSSA  
BENDIT  
ВИДРУГАТИ



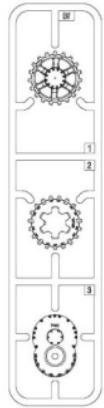
SCRATCH-BUILD  
ASSEMBLER EN MACHEN  
FAIRE LE PLUS  
REMONTER  
TAPER  
GOR DIG SALV  
GOR DIG CHAMONY  
ЗРОБИТИ САМОМУ

## PARTS

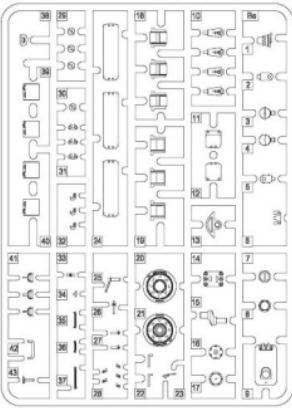
**Ba x2**



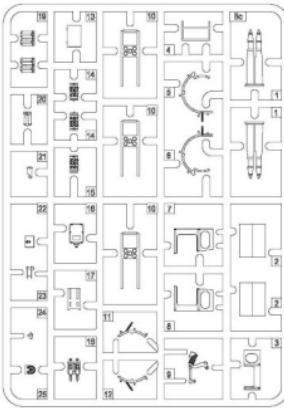
**Bf x2**



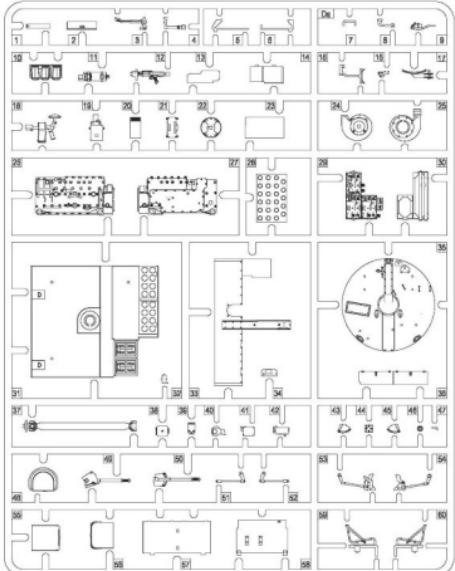
**Be x2**



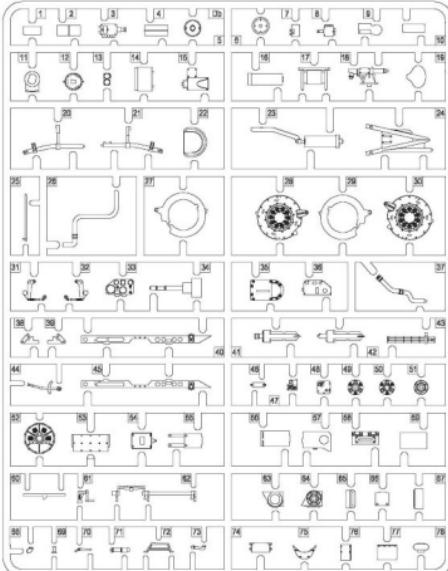
**Bc x2**



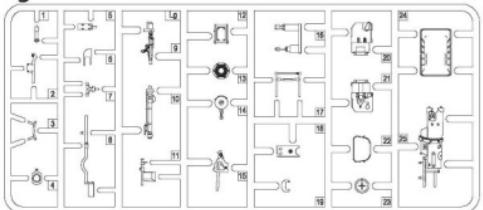
**Da**



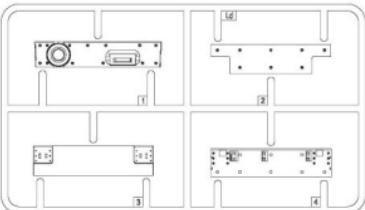
**Db**

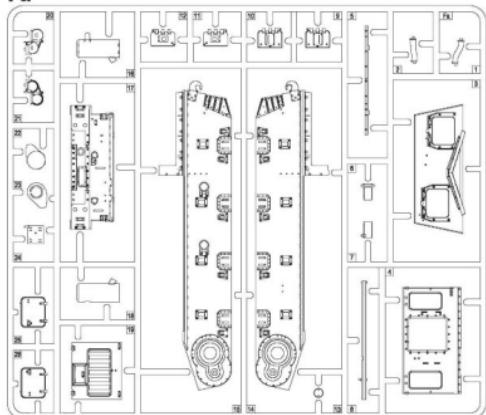
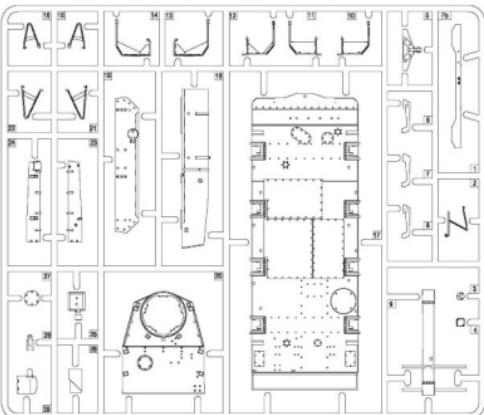
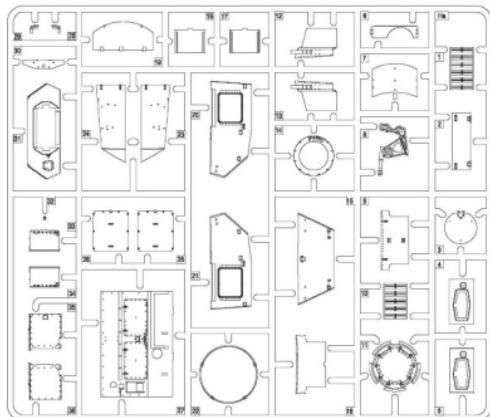
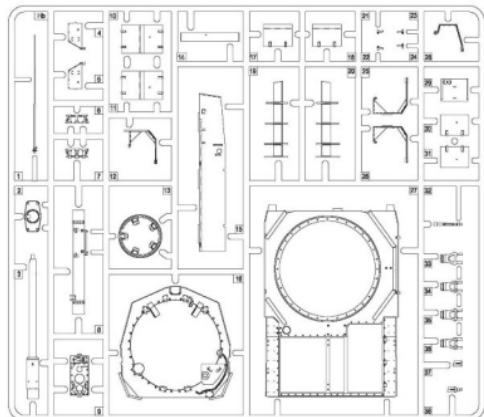
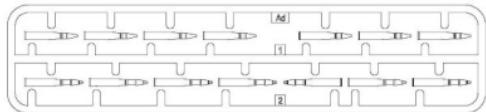
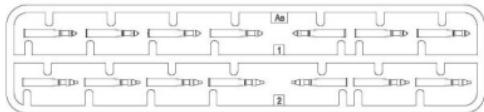
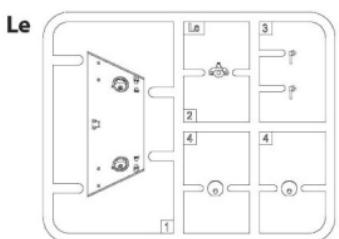
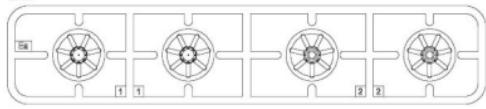
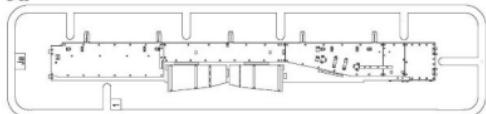


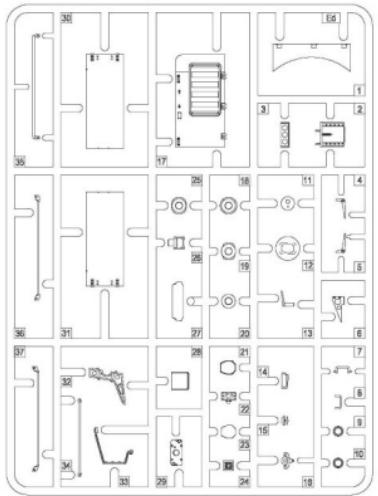
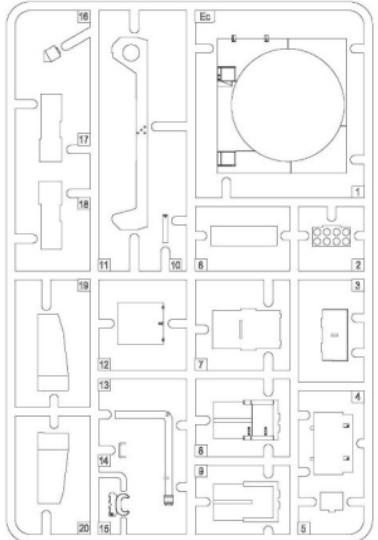
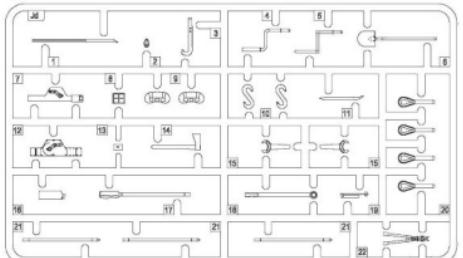
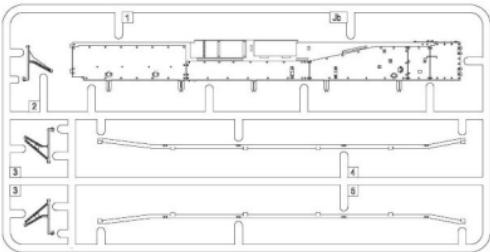
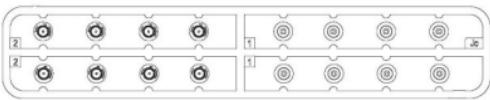
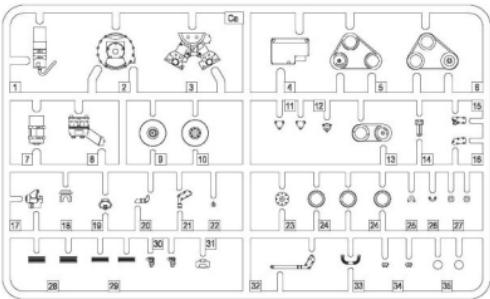
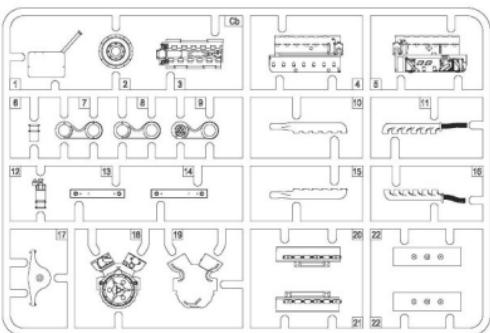
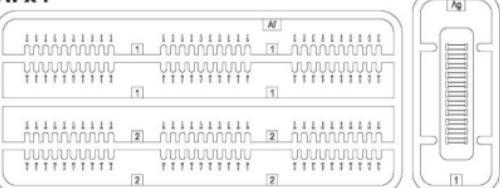
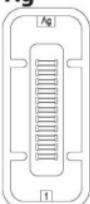
**Lg**

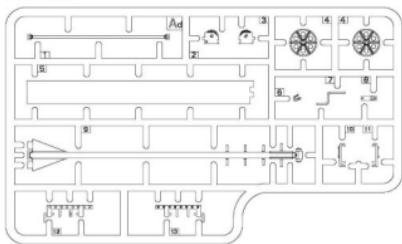
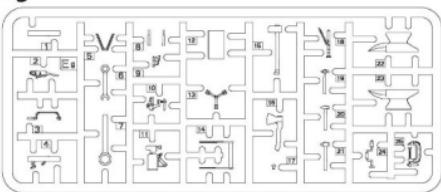
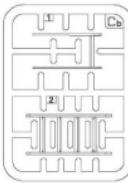
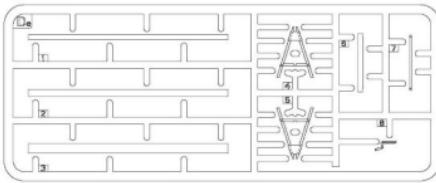
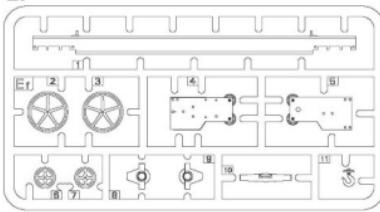
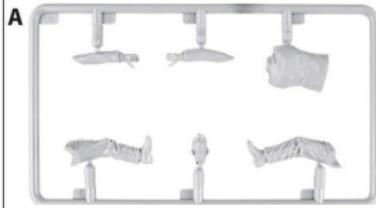


**Ld**



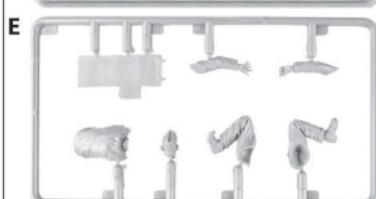
**PARTS****Fa****Fb****Ha****Hb****Ad x4****Ae x2****Ea****Ja**

**PARTS****Ed****Ec****Jd****Jb****Jc****Ca****Cb****Tracks x22****Af x4****Ag**

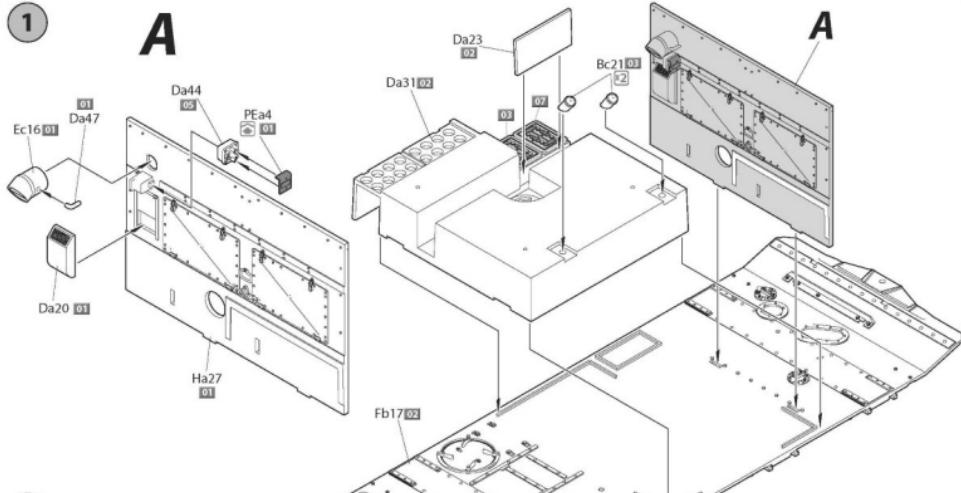
**PARTS****Ad<sup>1</sup> x4****Eg****Cb<sup>1</sup>****Dx2****Ef****MINIATURES**

**Big metal chain - 24 cm**

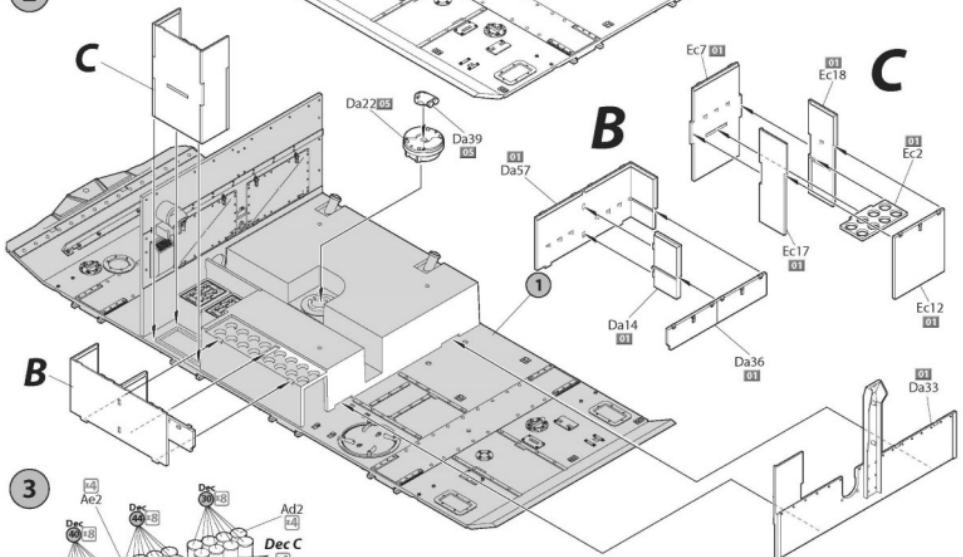
**Small metal chain - 40 cm**

**Strip of plastic****BASE**

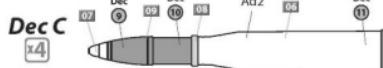
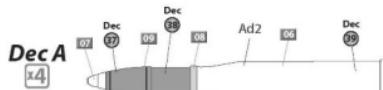
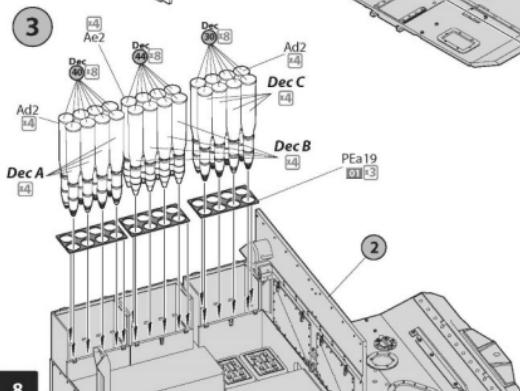
1

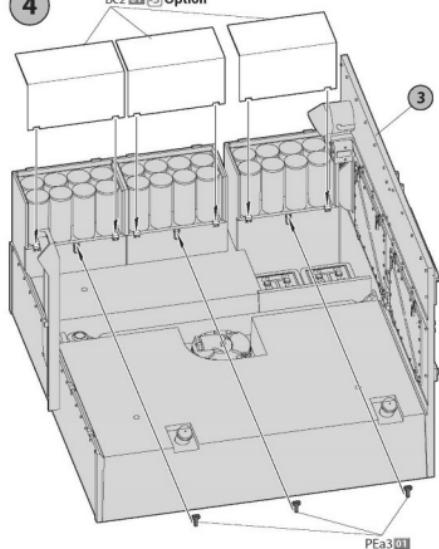
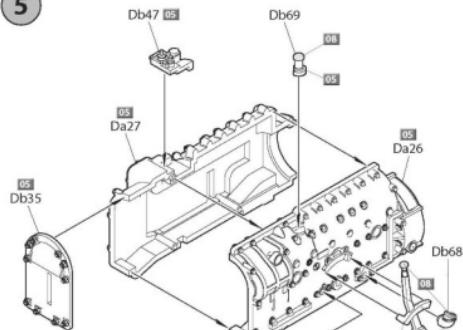
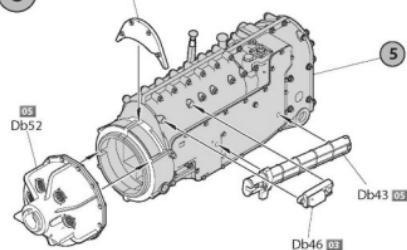
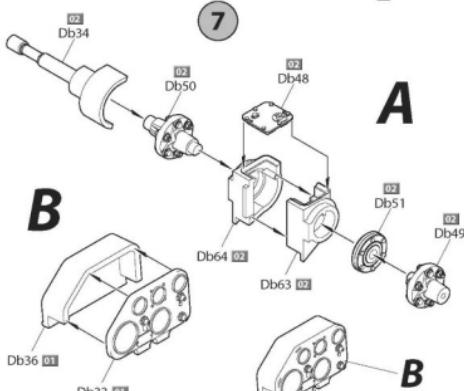
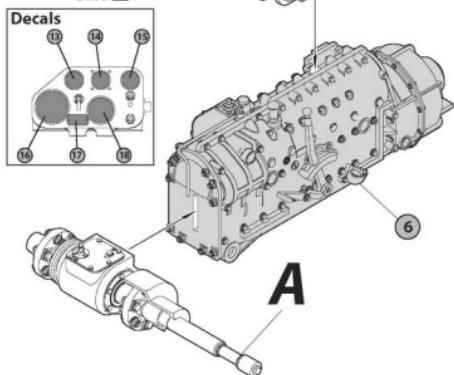
**A**

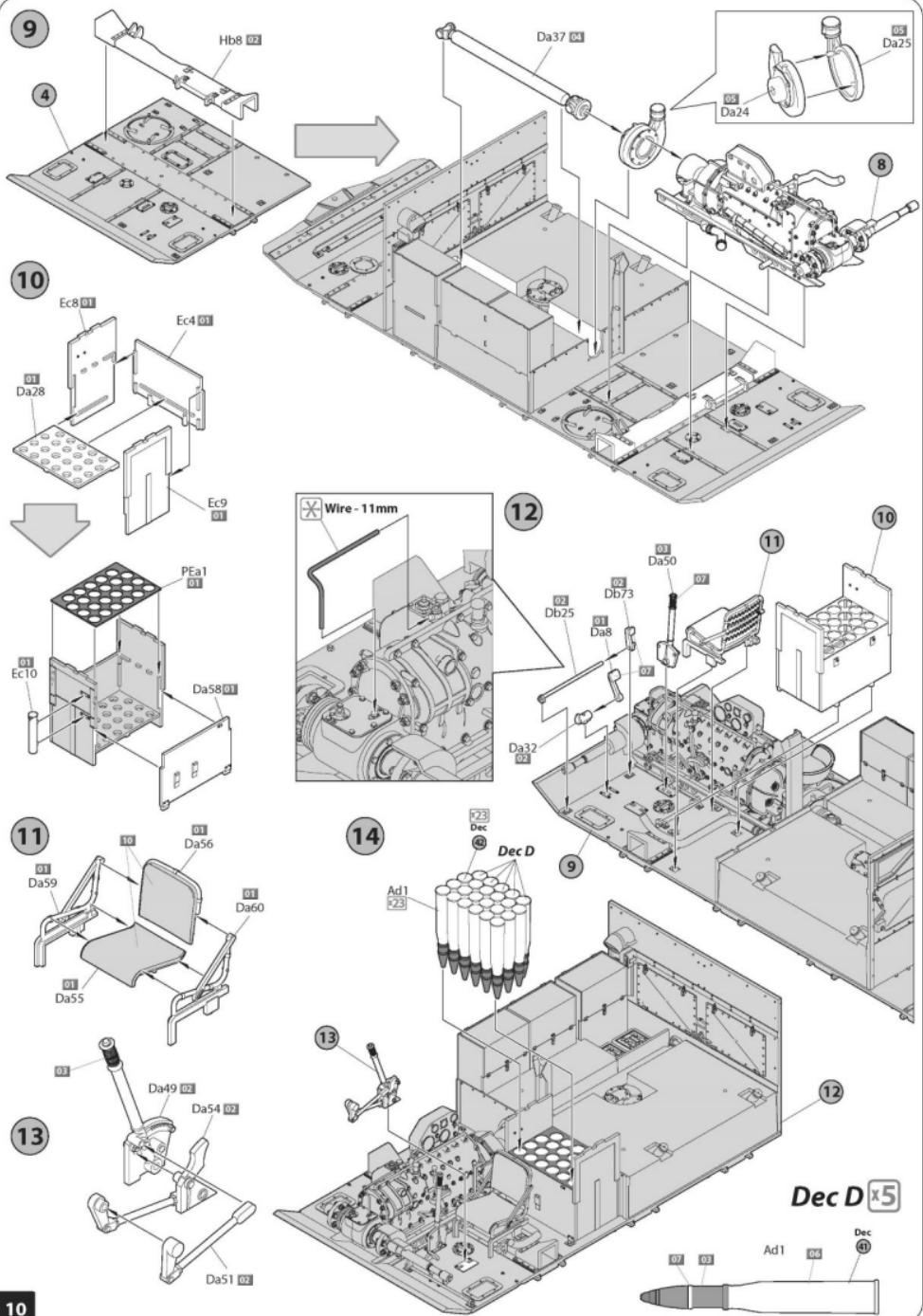
2

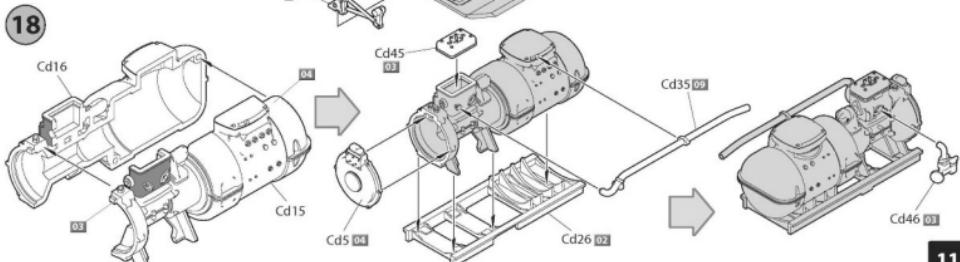
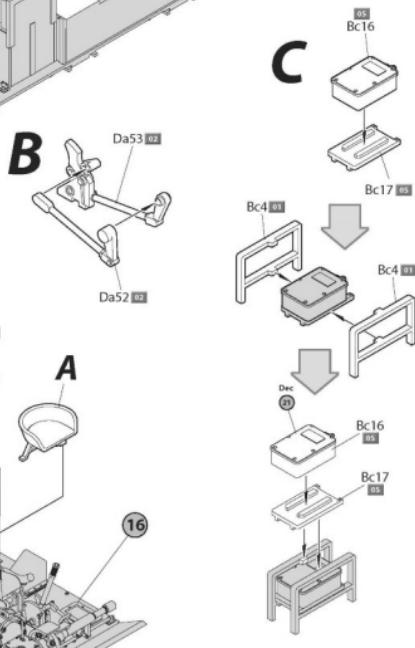
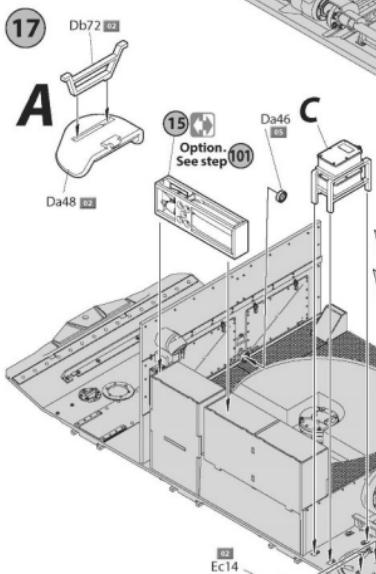
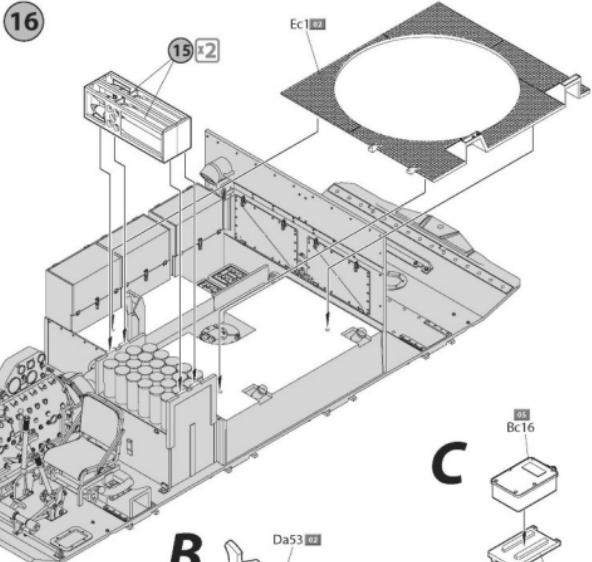
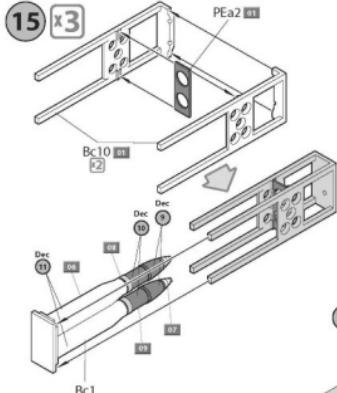


3



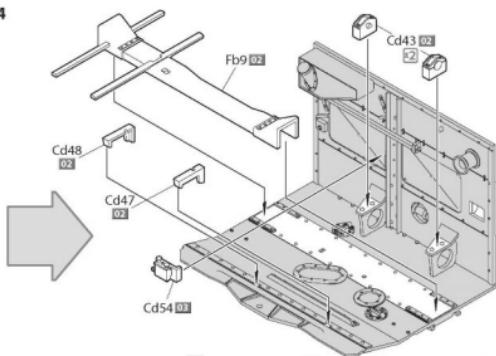
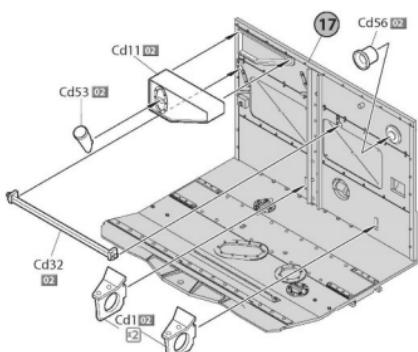
**4****5****6****B****A****A**



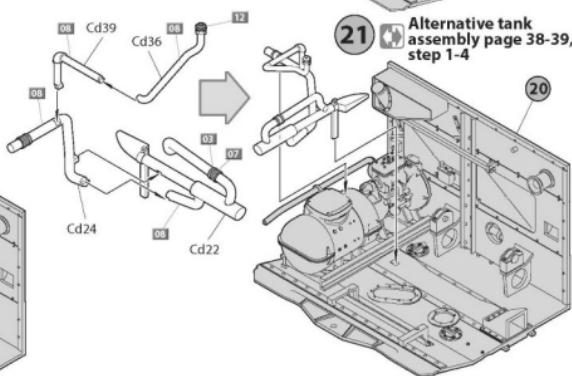
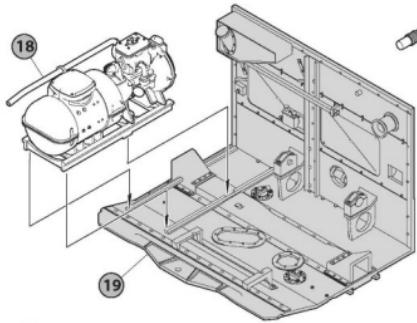


**BASIC ASSEMBLY – assembly with disassembled engine compartment and pulled out engine**  
**ALTERNATIVE ASSEMBLY – assembly with the engine inside the tank**

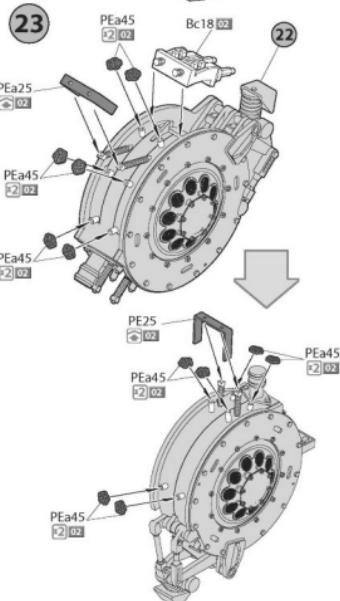
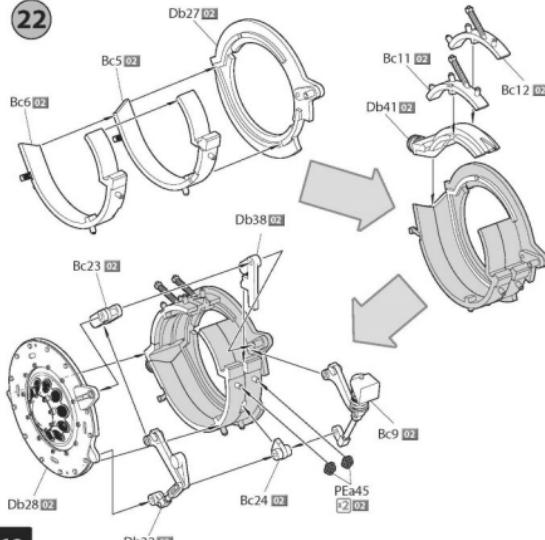
**19** Alternative tank assembly page 38-39, step 1-4



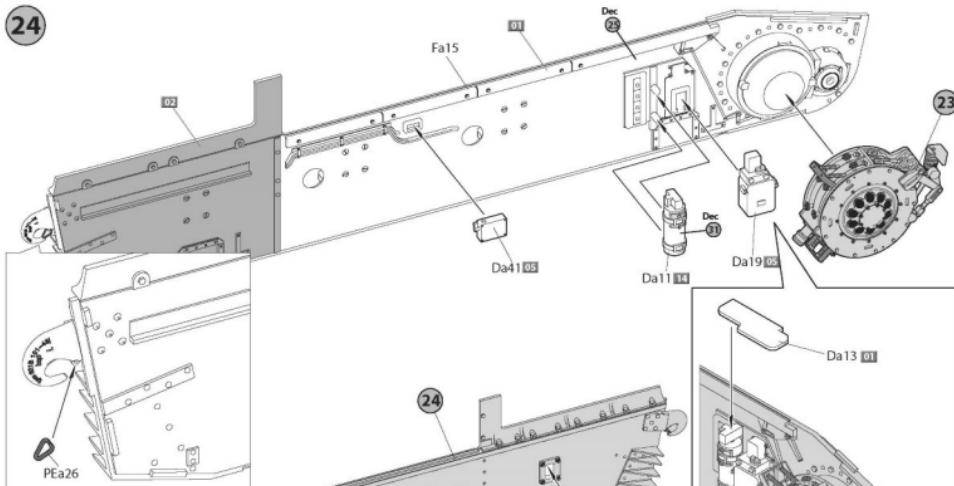
**20** Alternative tank assembly page 38-39, step 1-4



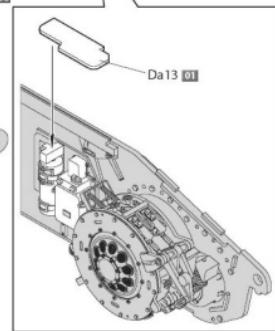
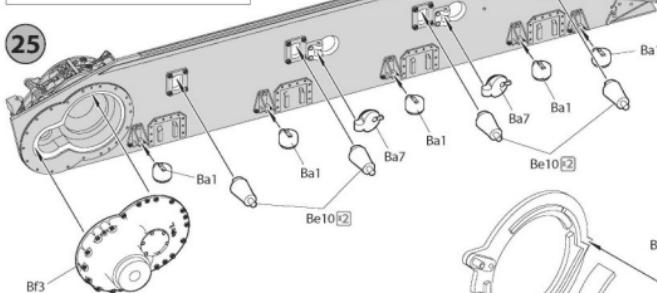
**22**



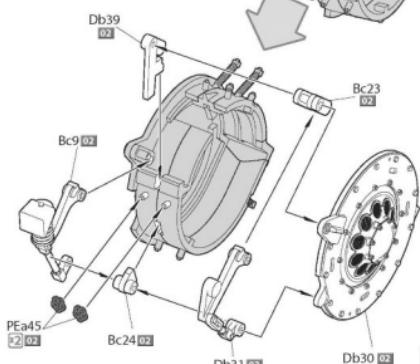
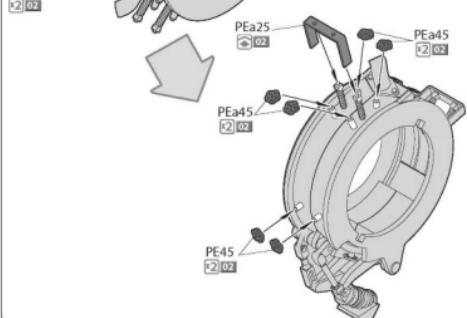
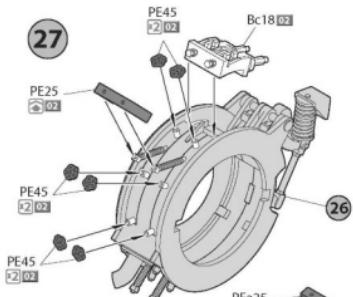
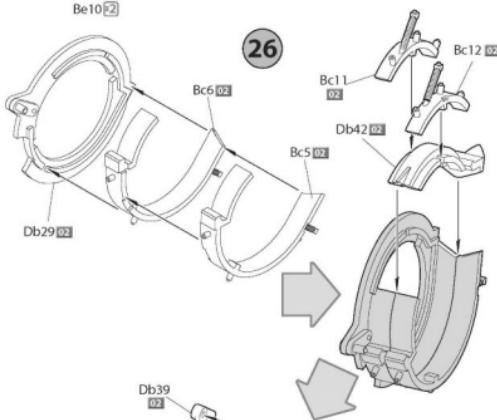
24



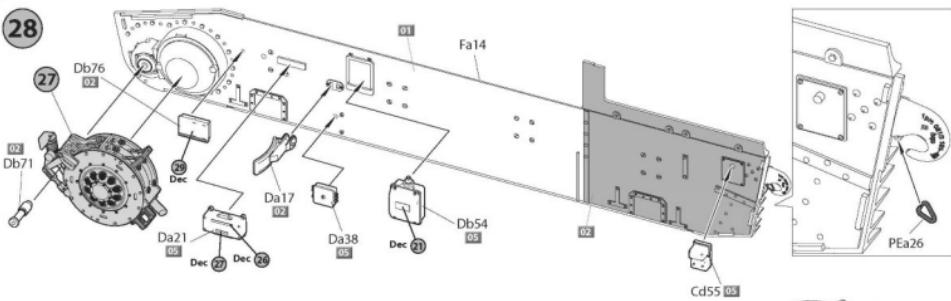
25



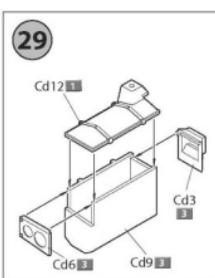
26



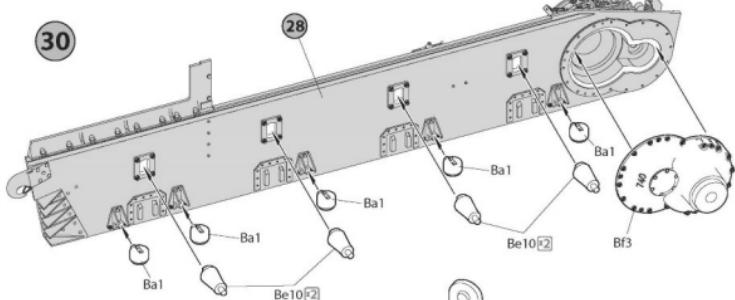
28



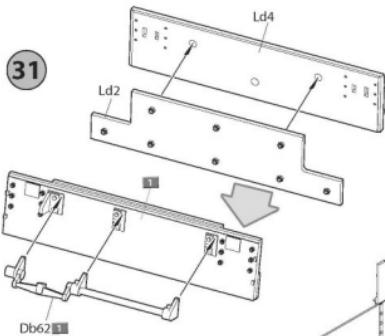
29



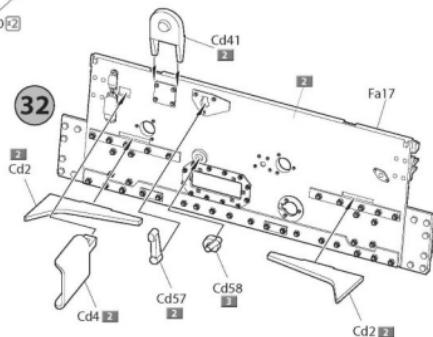
30



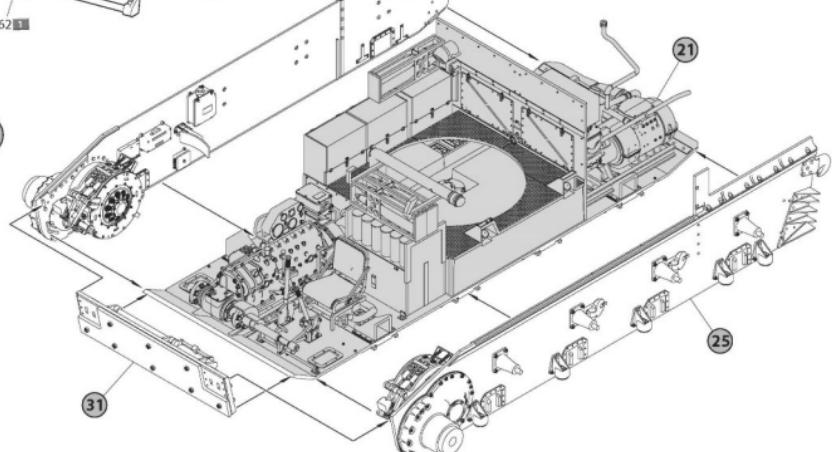
31

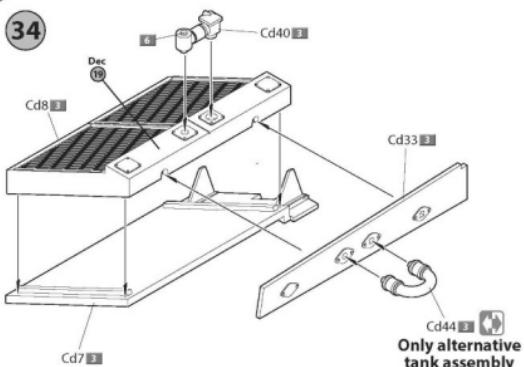
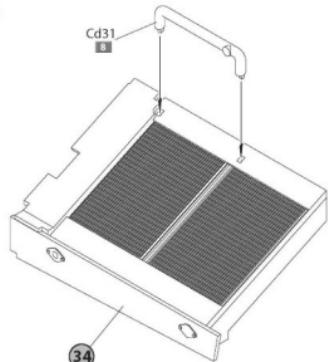
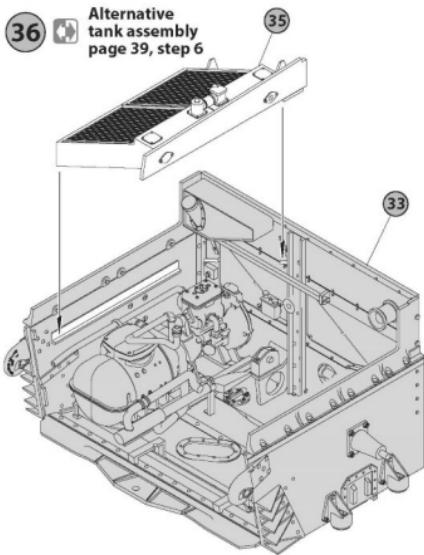
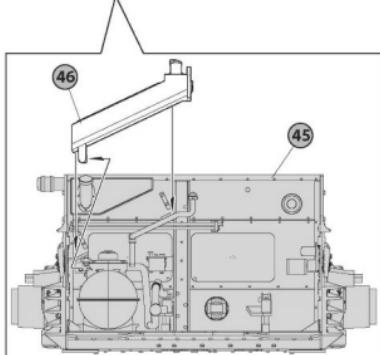
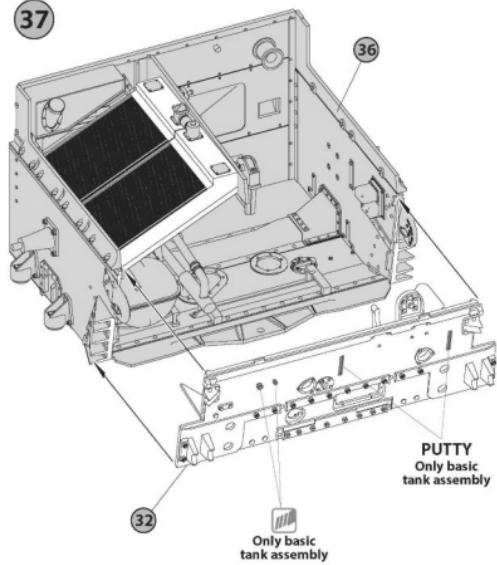
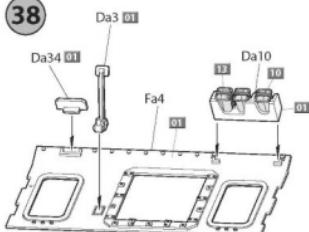


32

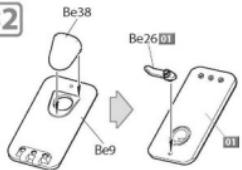


33

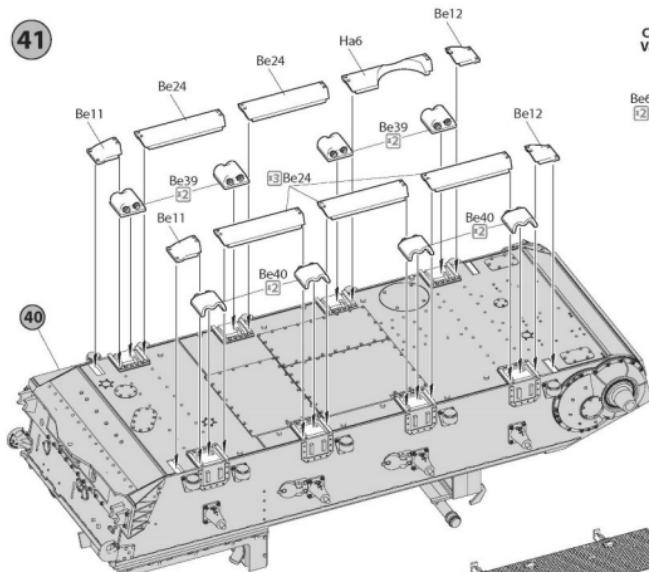


**34****35****36****37****38**

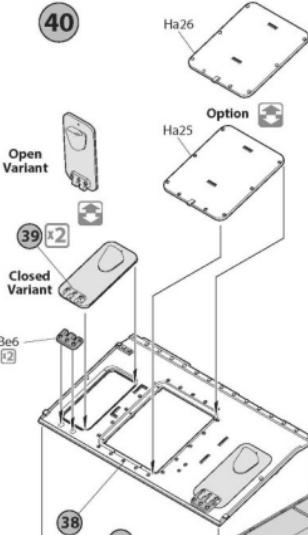
39 x2



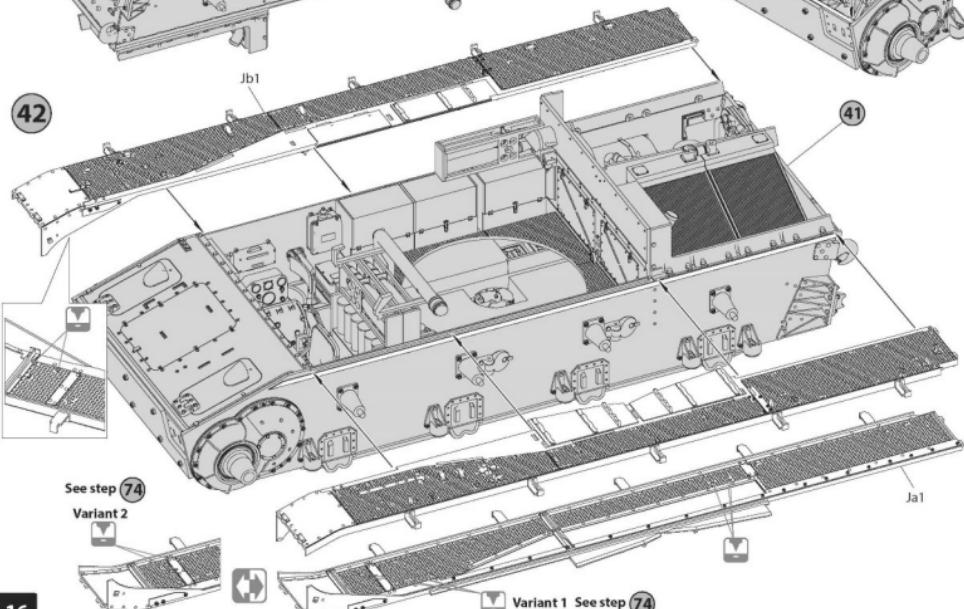
41



40



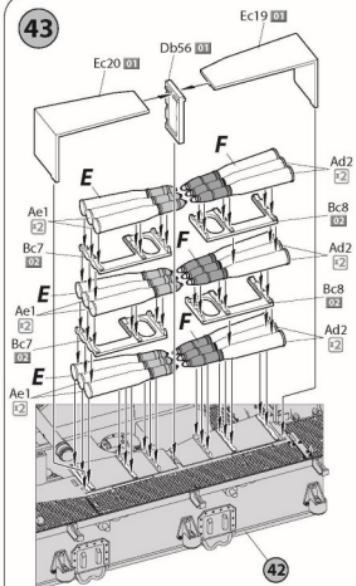
42



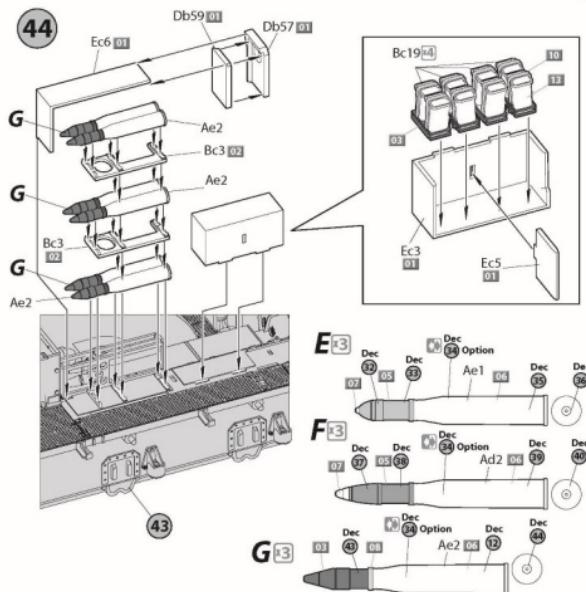
16

Variant 1 See step 74

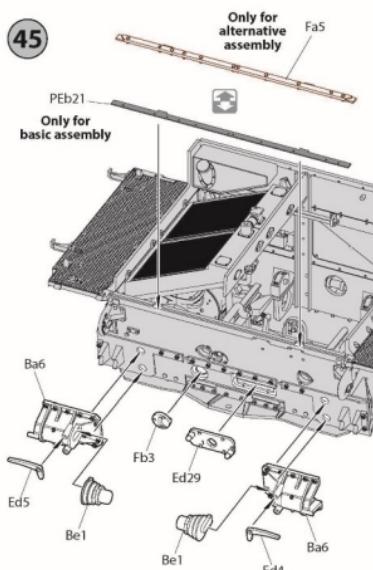
43



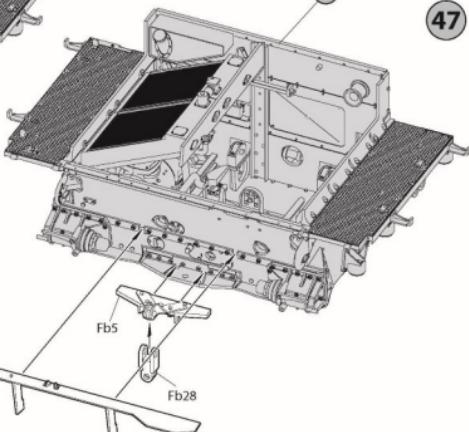
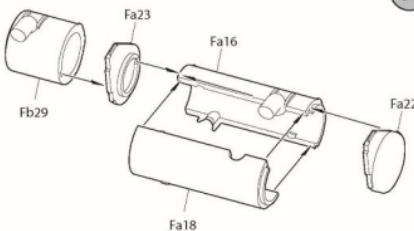
44



45



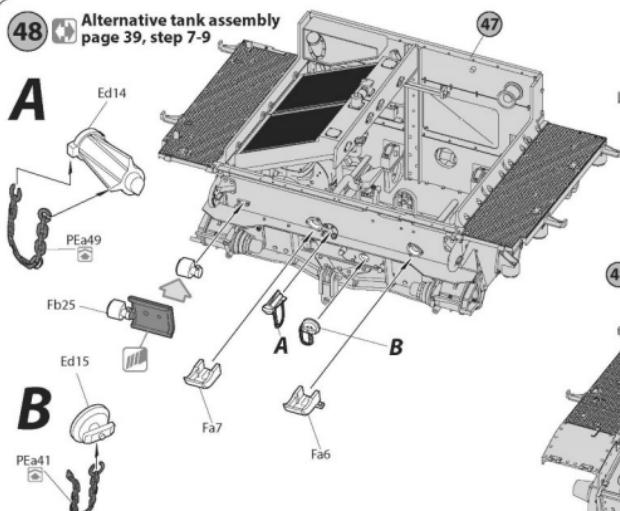
44



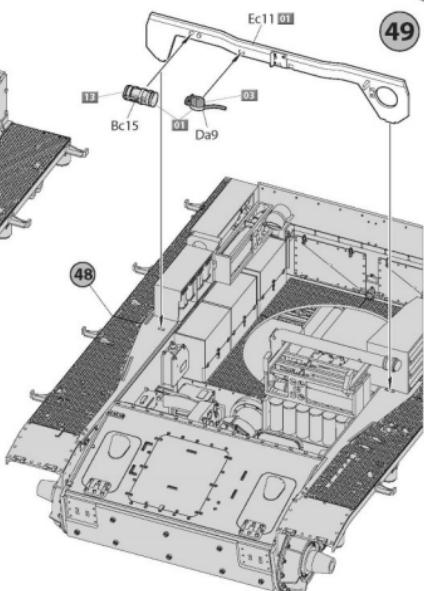
47

48

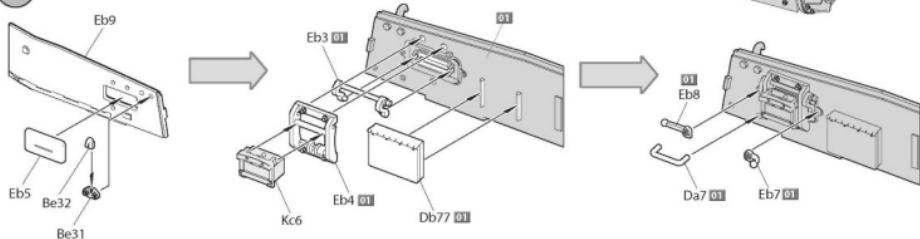
**Alternative tank assembly**  
page 39, step 7-9

**A**

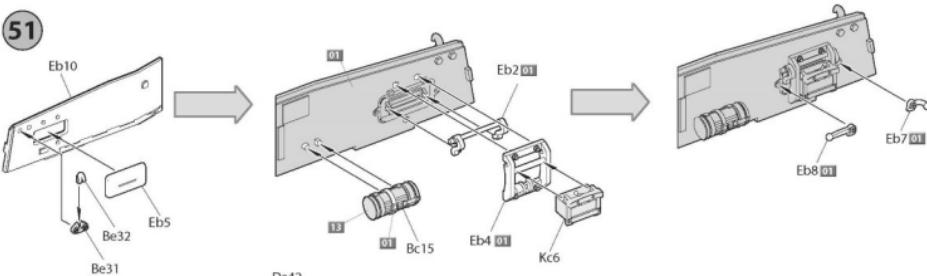
49



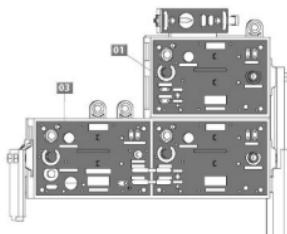
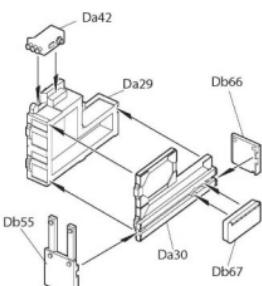
50



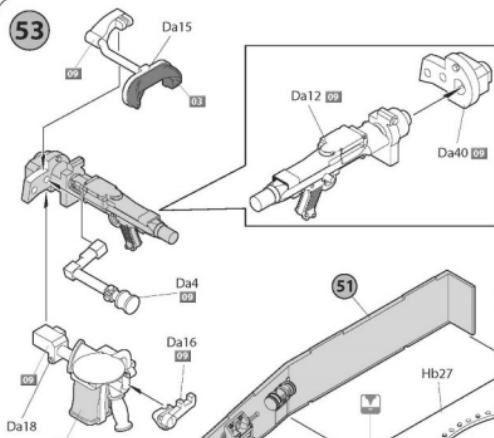
51



52

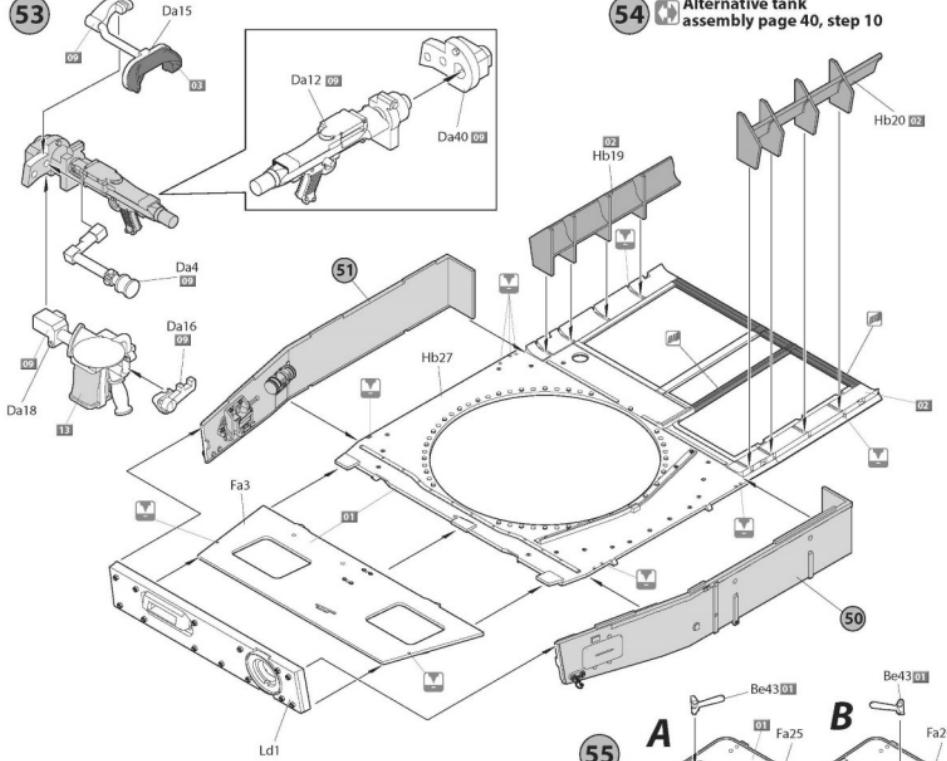


53



54

Alternative tank assembly page 40, step 10

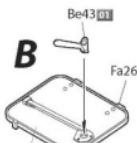


55

A

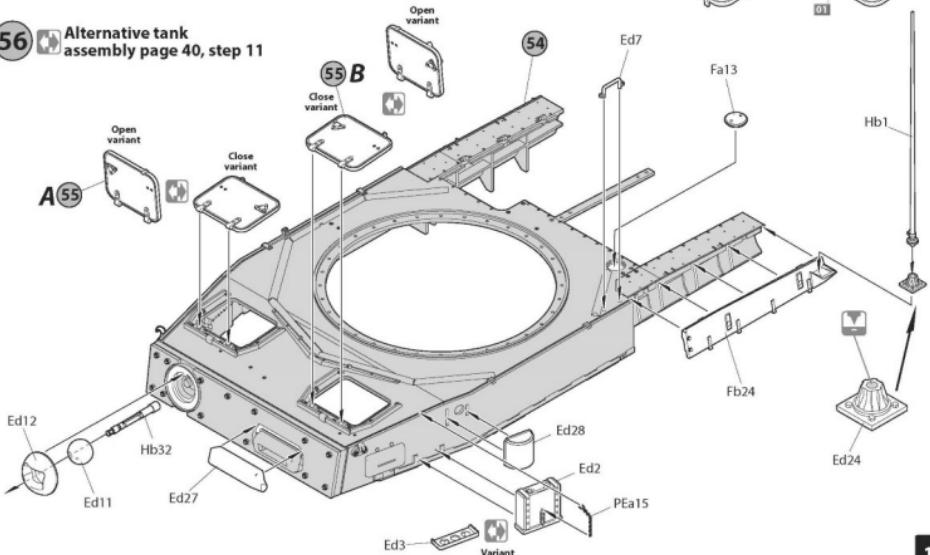


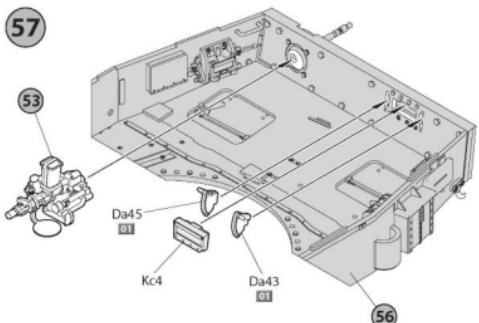
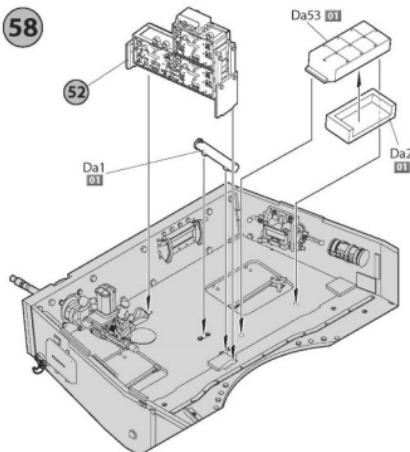
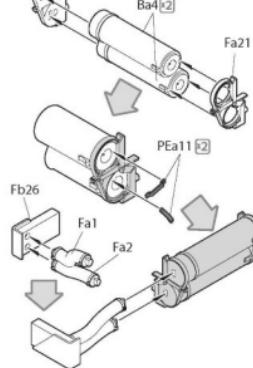
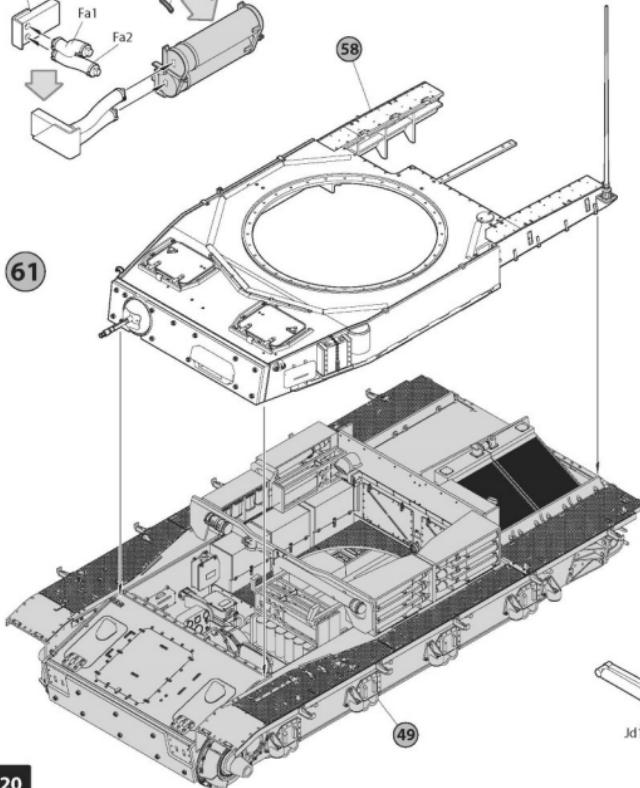
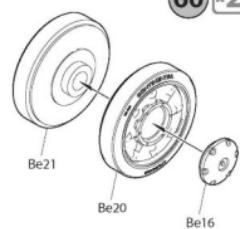
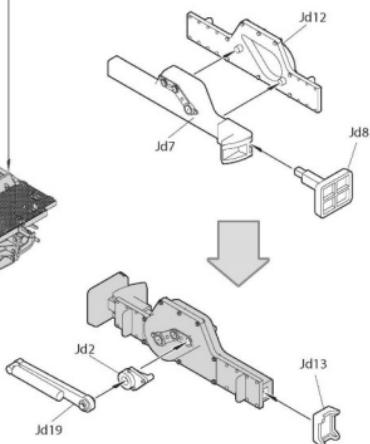
B



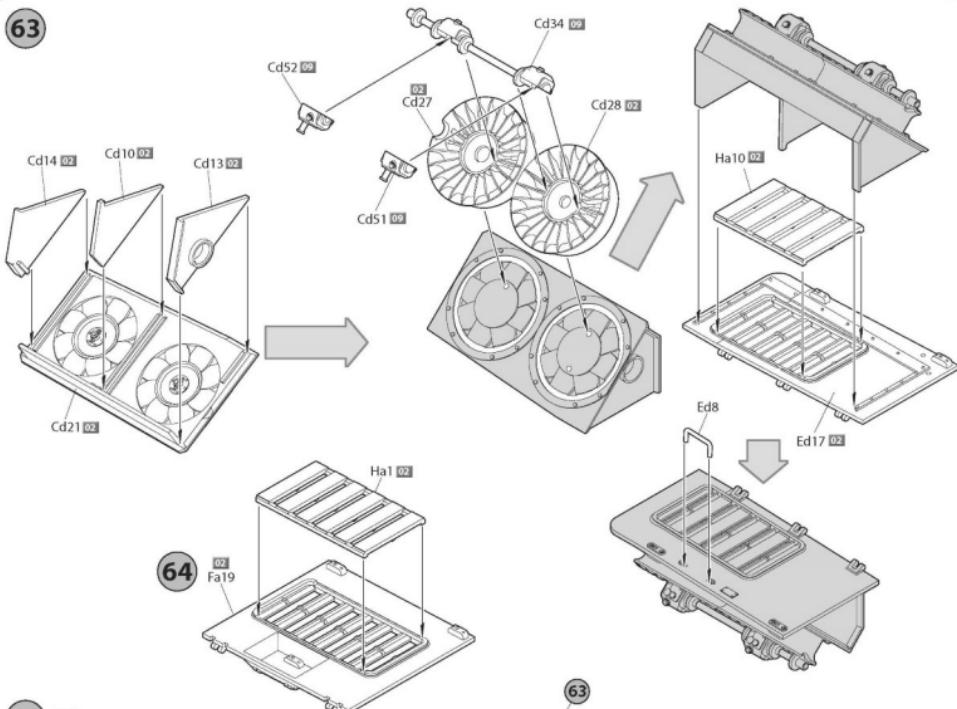
56

Alternative tank assembly page 40, step 11



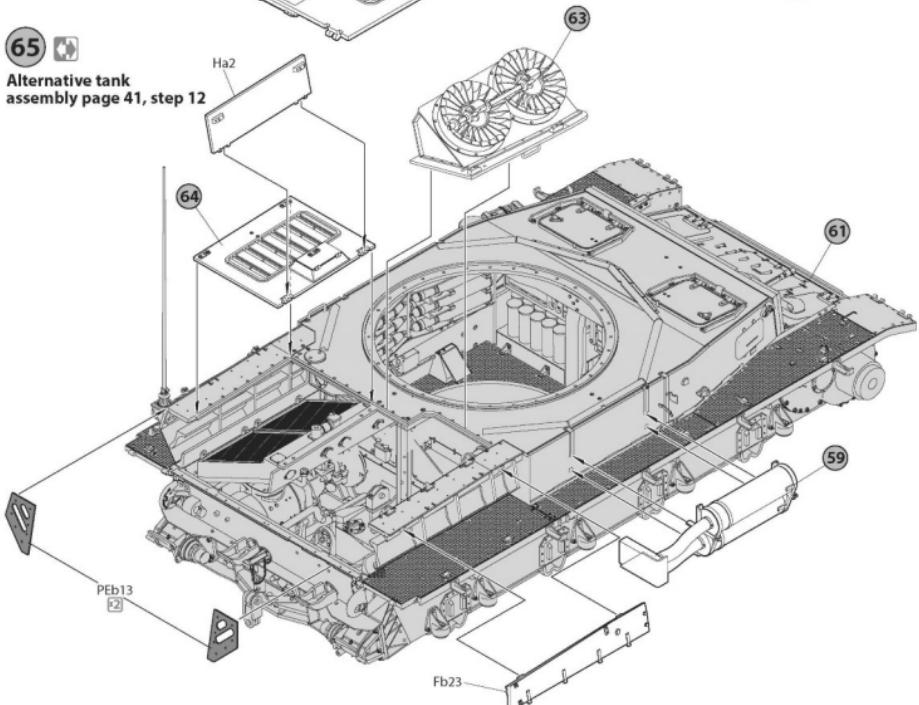
**57****58****59****61****60 x2****62**

63

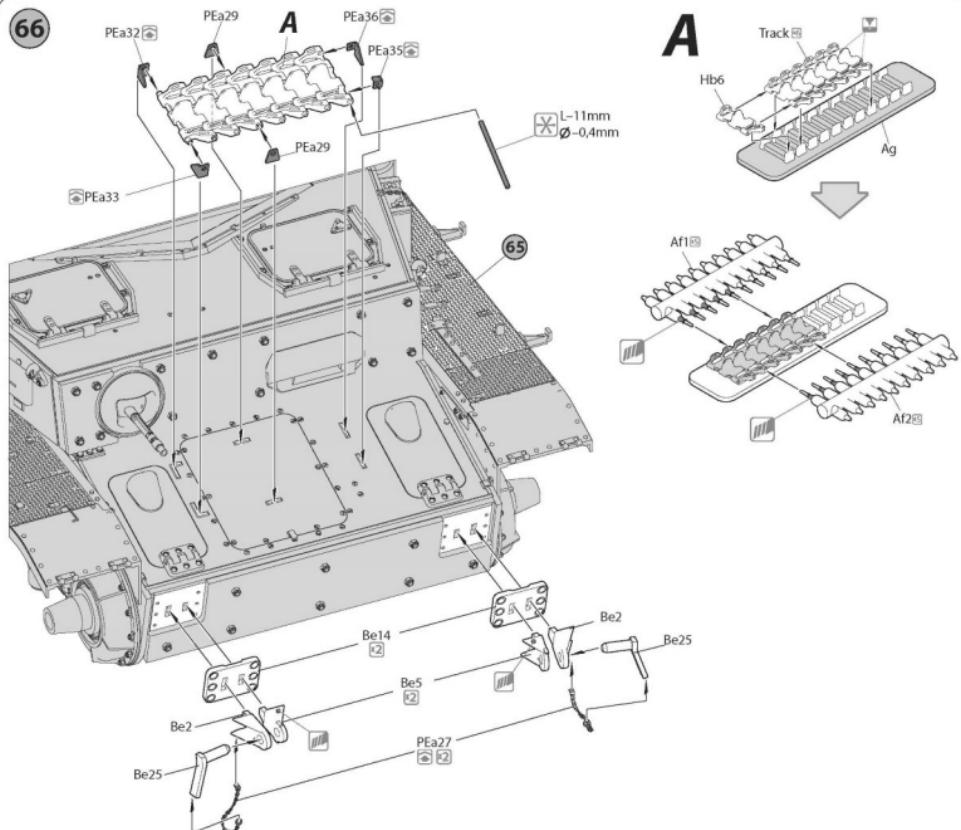


64

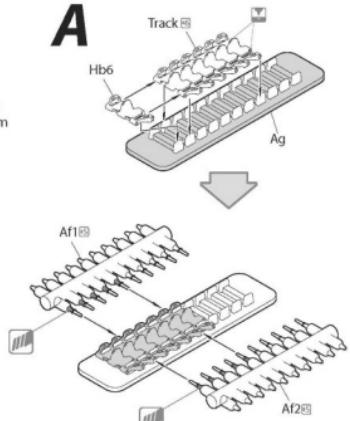
Alternative tank  
assembly page 41, step 12



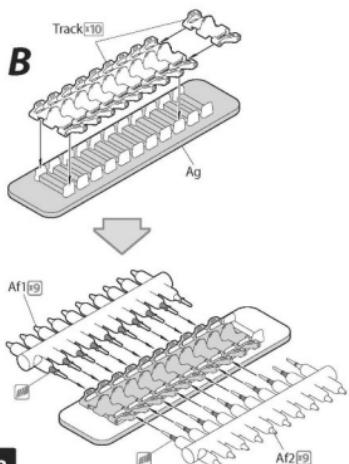
66



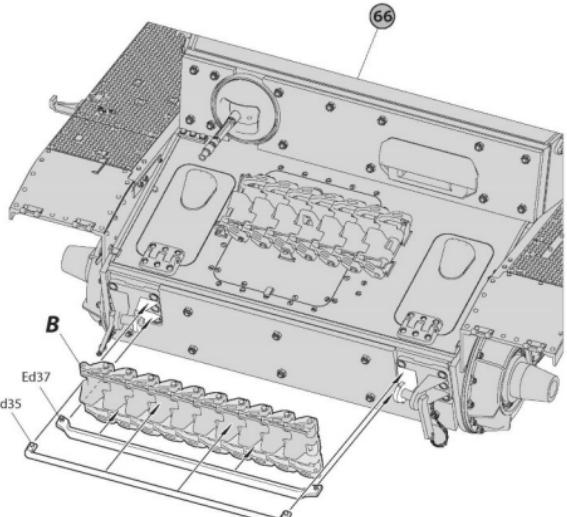
A



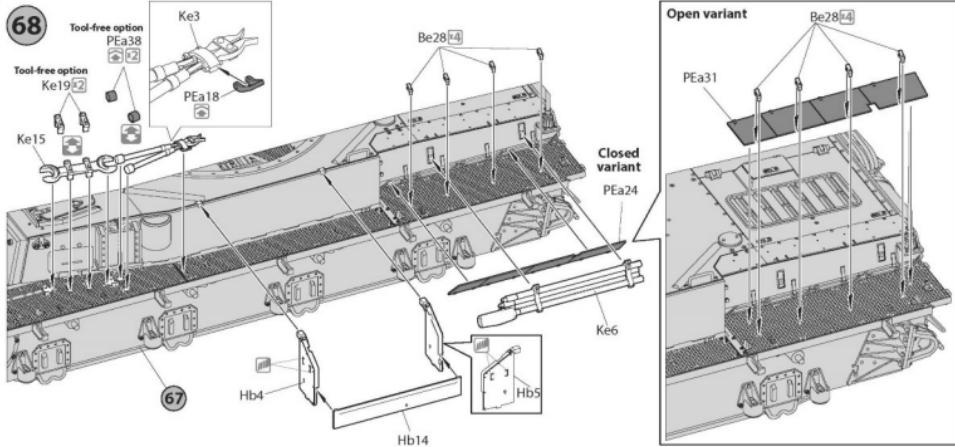
67



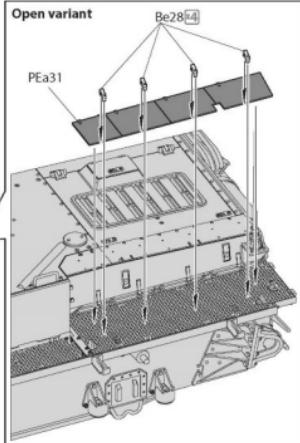
B



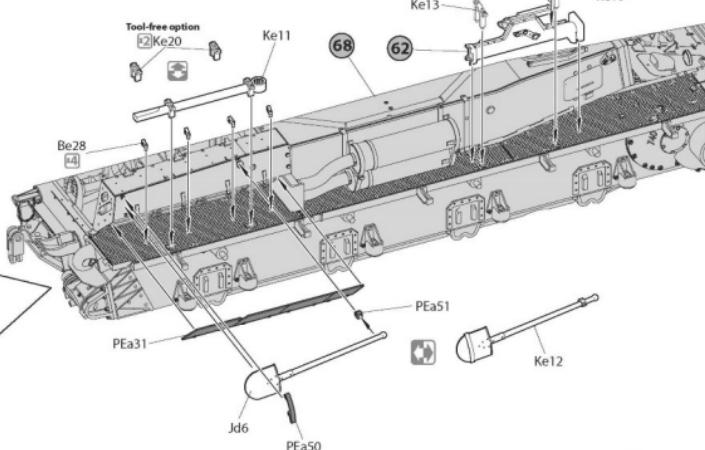
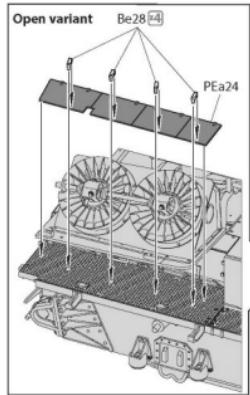
68



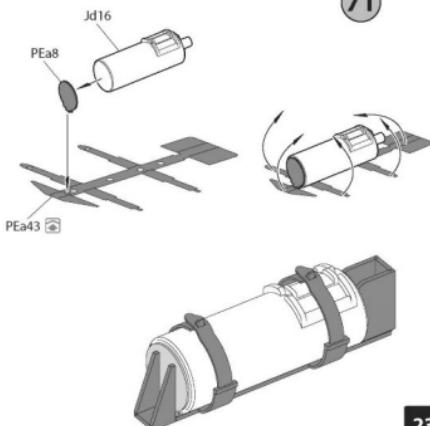
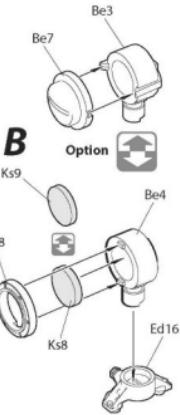
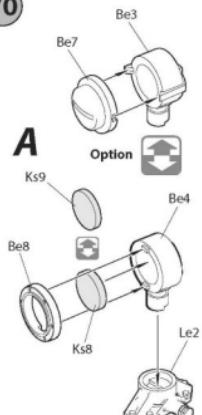
Open variant



69

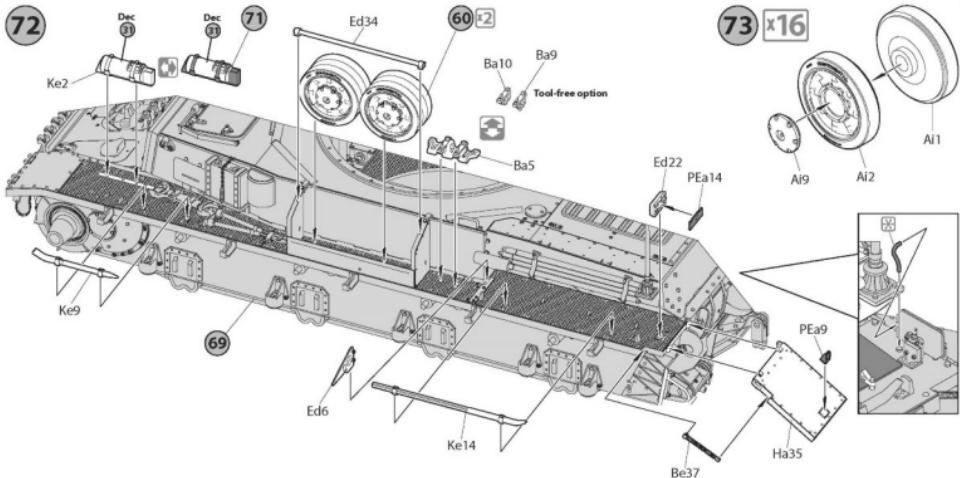


70

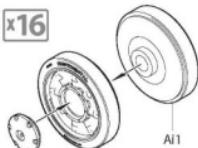


71

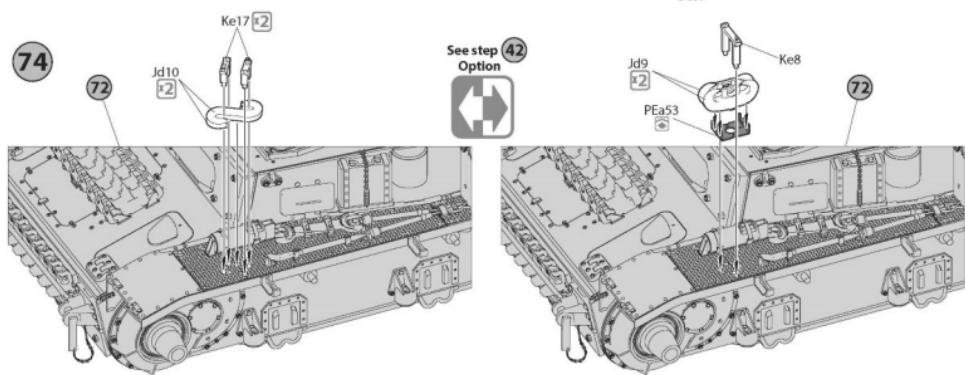
72



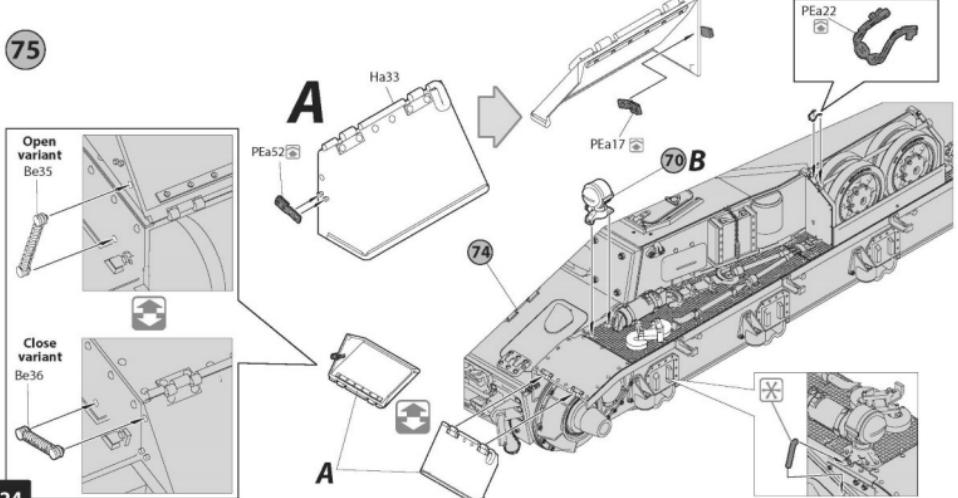
73 x16



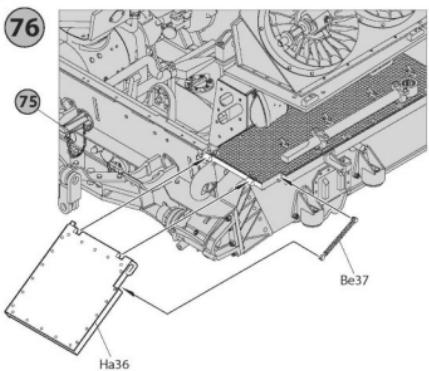
74



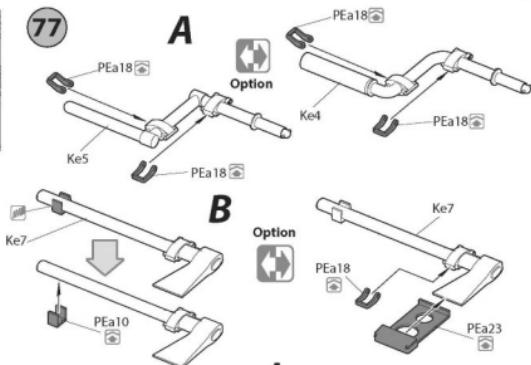
75



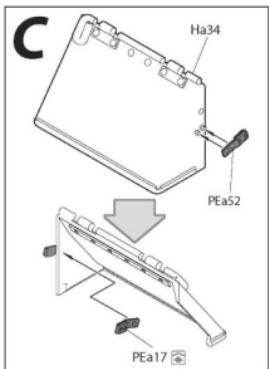
76



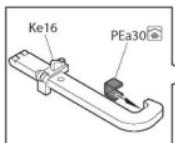
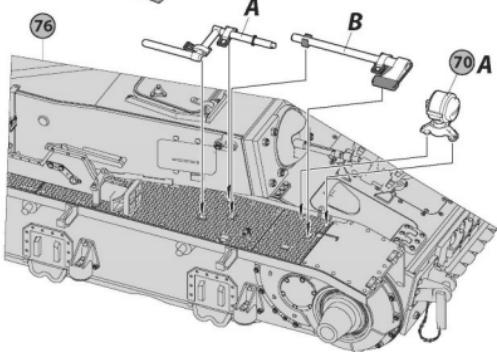
77



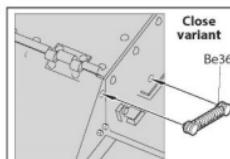
C



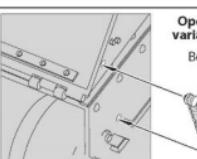
78



Tool-free option



Close variant

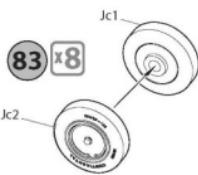
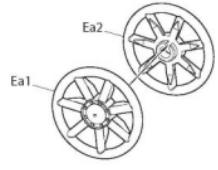
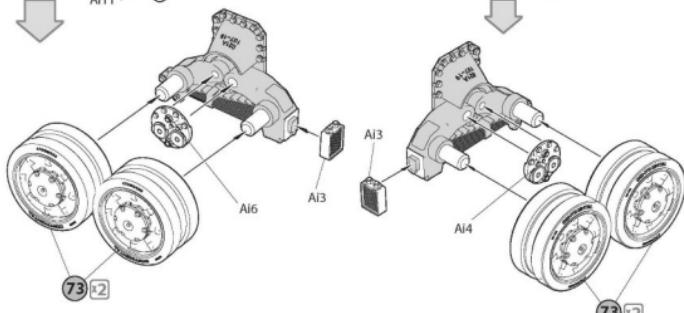
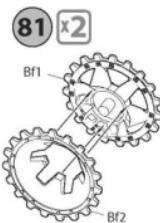
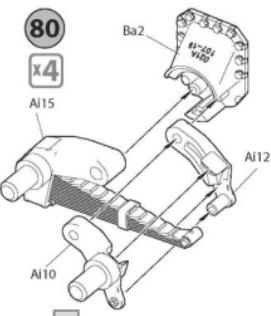
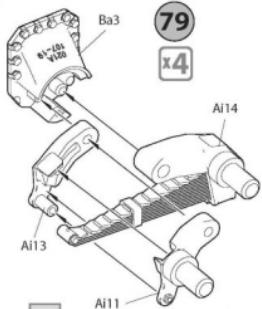


Open variant

Close variant

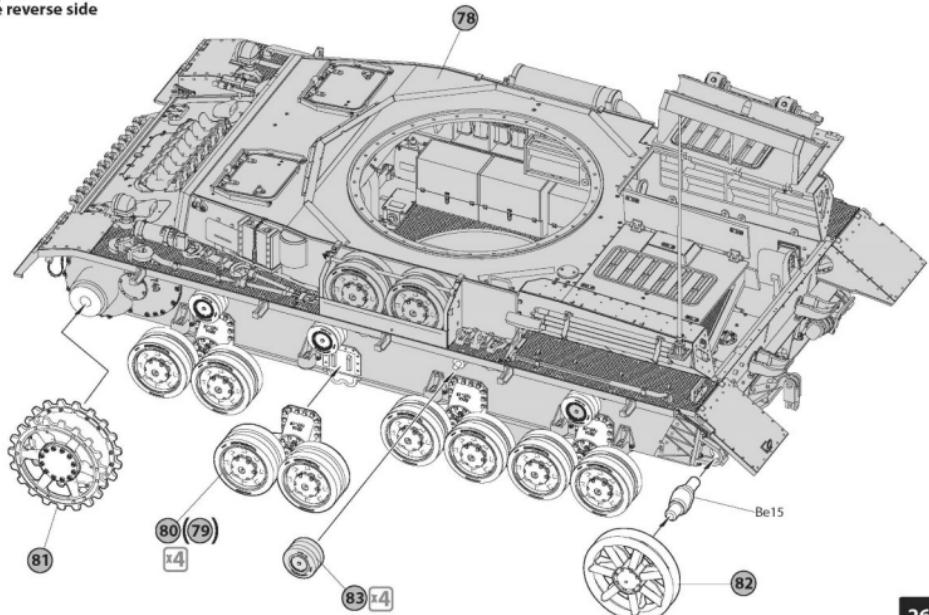


Open variant

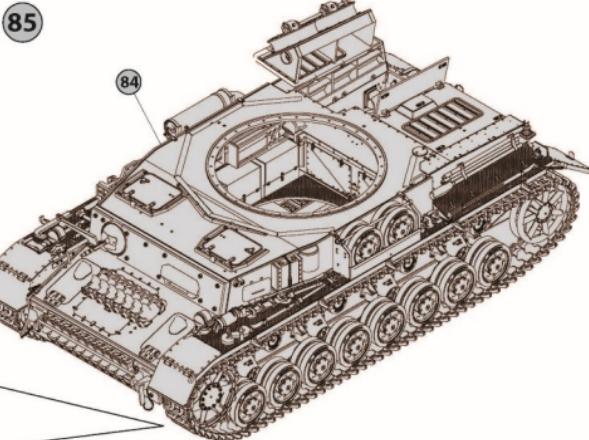
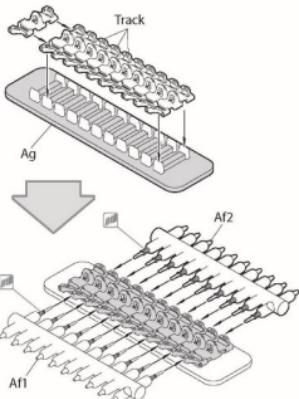


**84 x2**

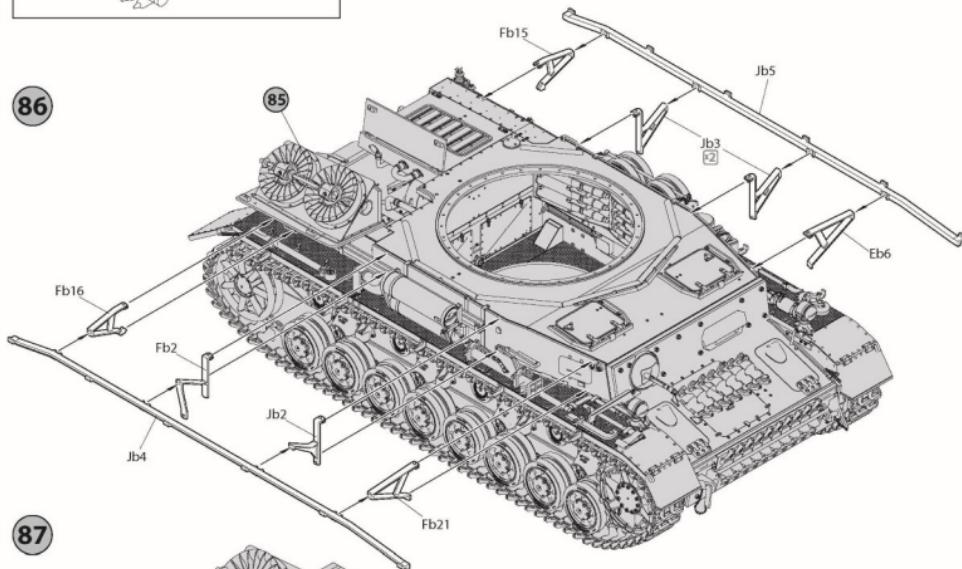
Repeat on the reverse side



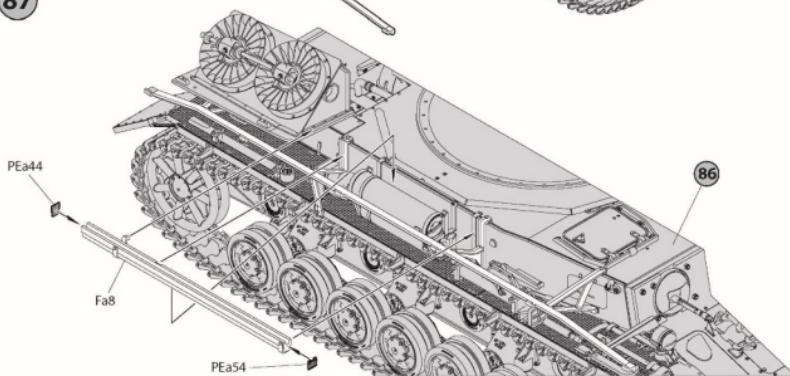
**x2** Each track links  
contains 101 tracks



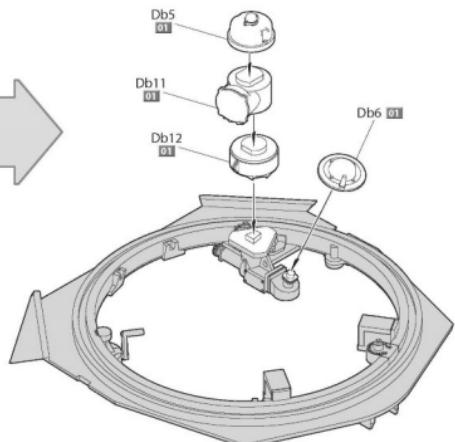
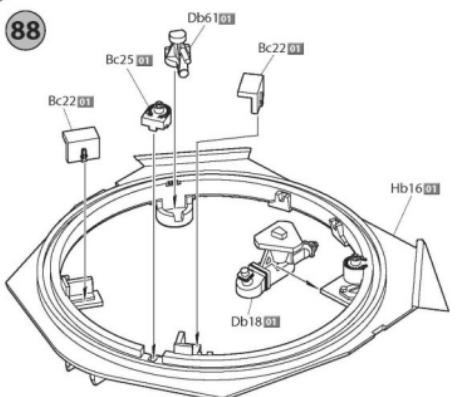
86



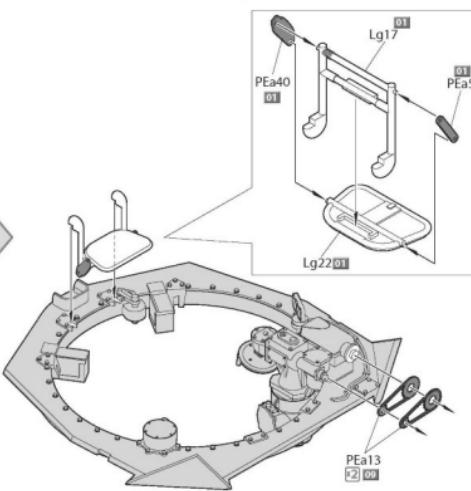
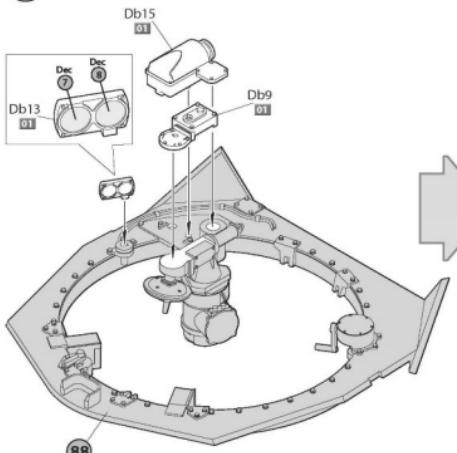
87



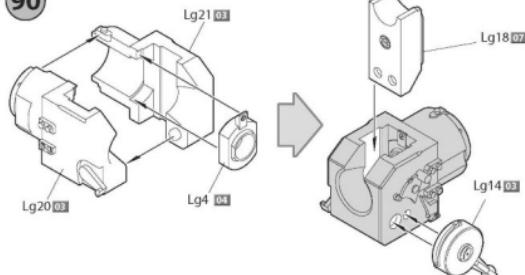
88



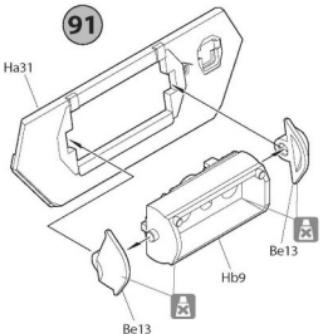
89



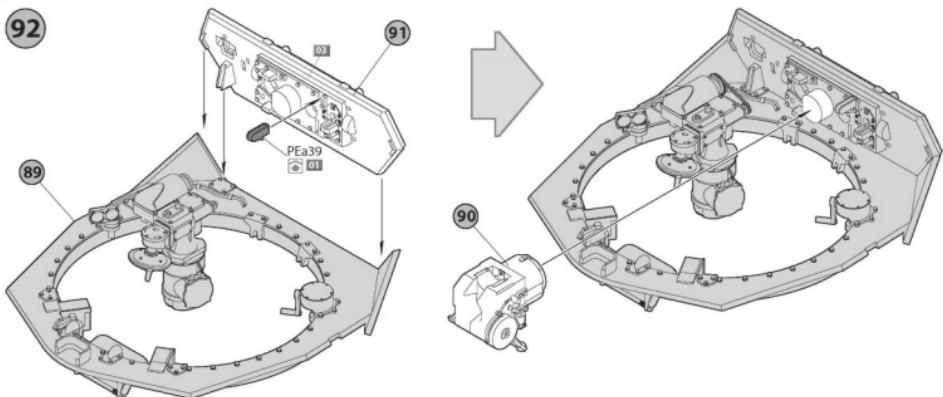
90



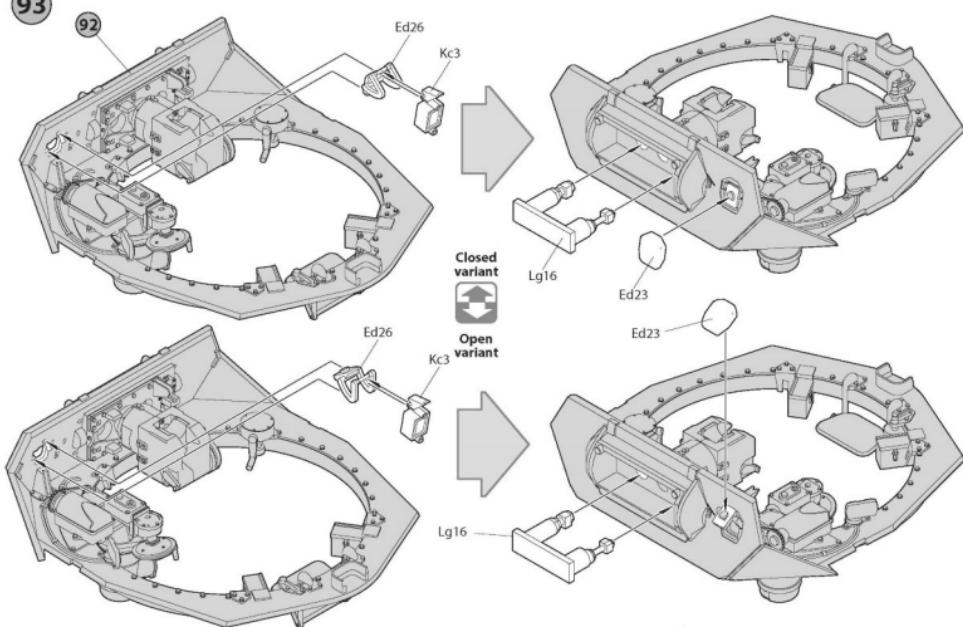
91



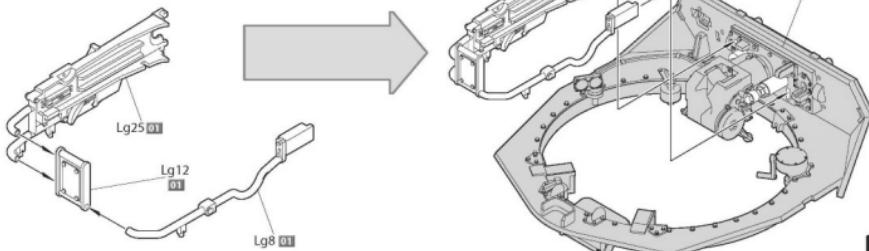
92



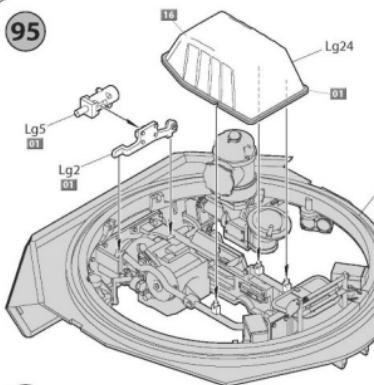
93



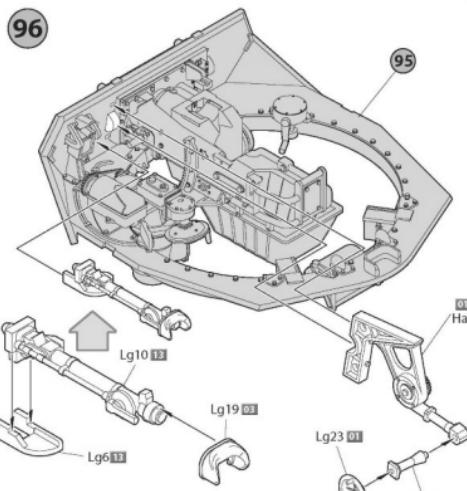
94



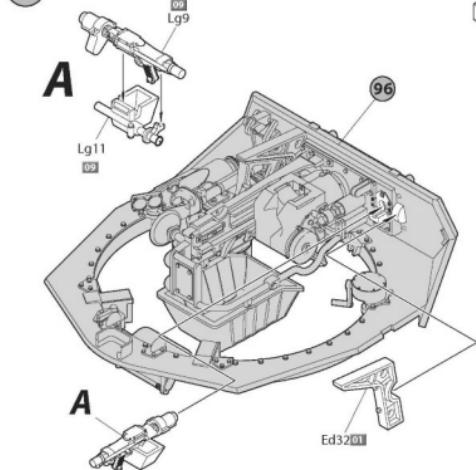
95



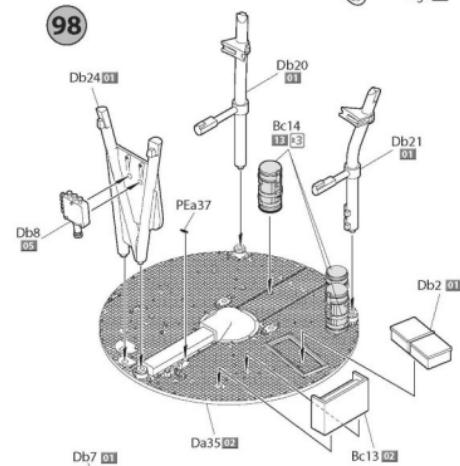
96



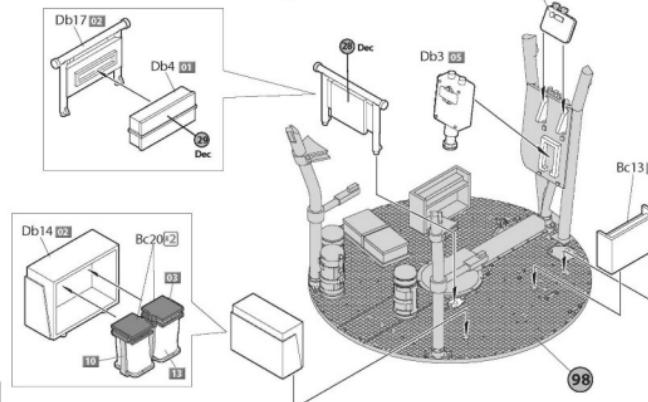
97



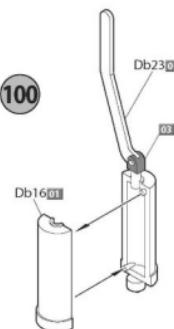
98



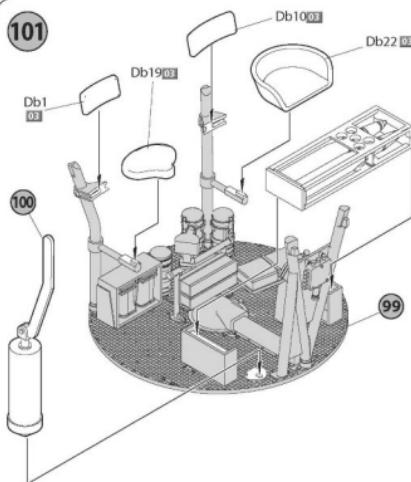
99



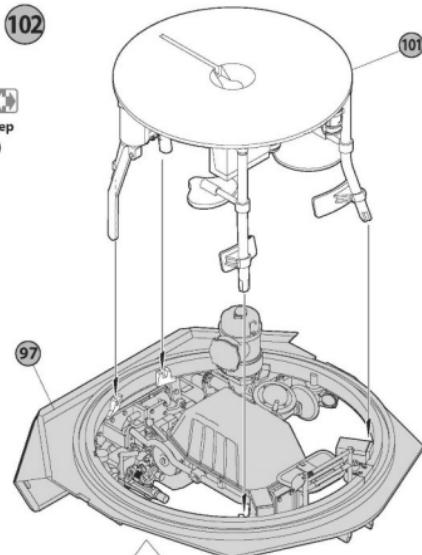
100



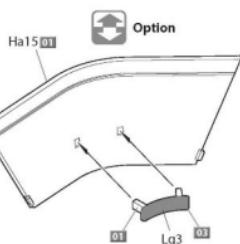
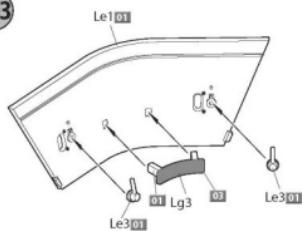
101



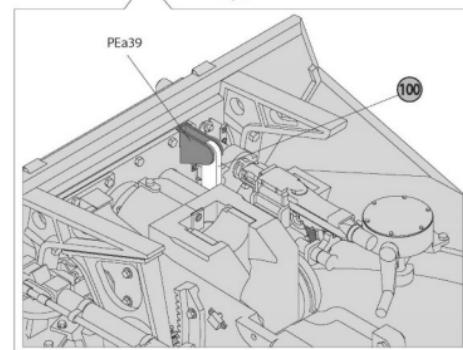
102



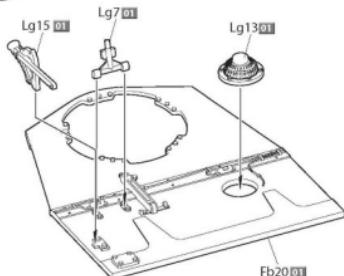
103



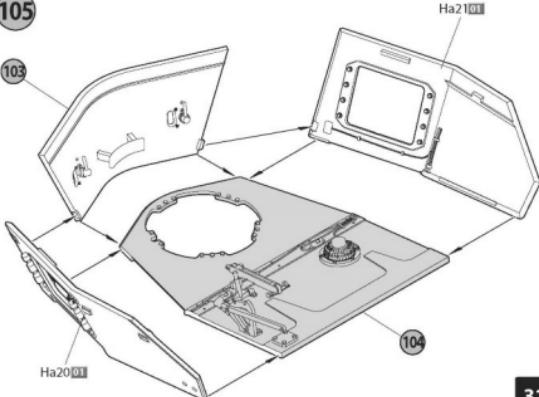
Option



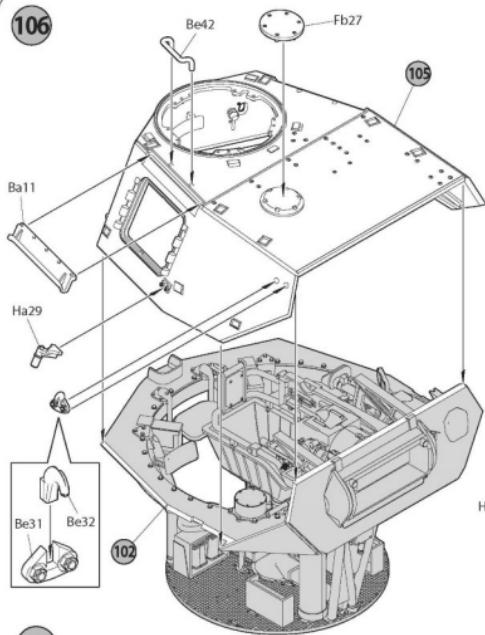
104



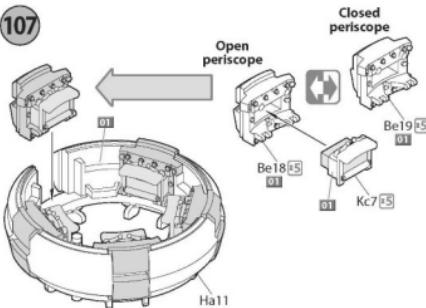
105



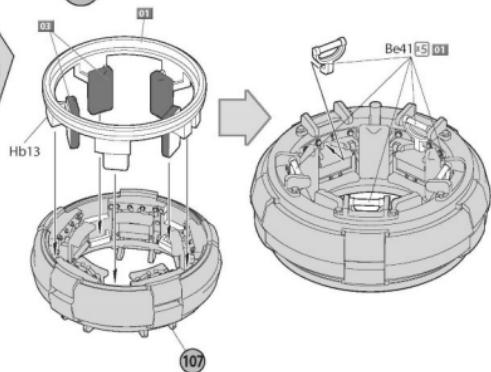
106



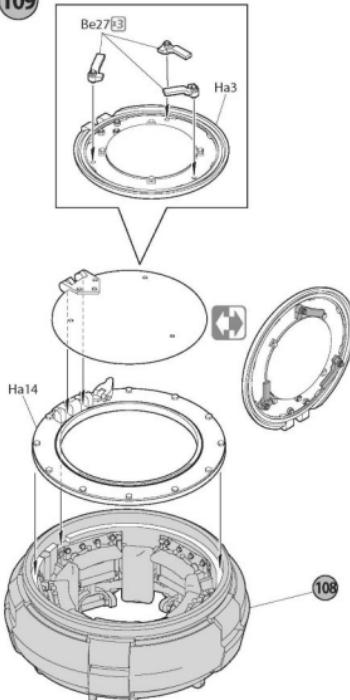
107



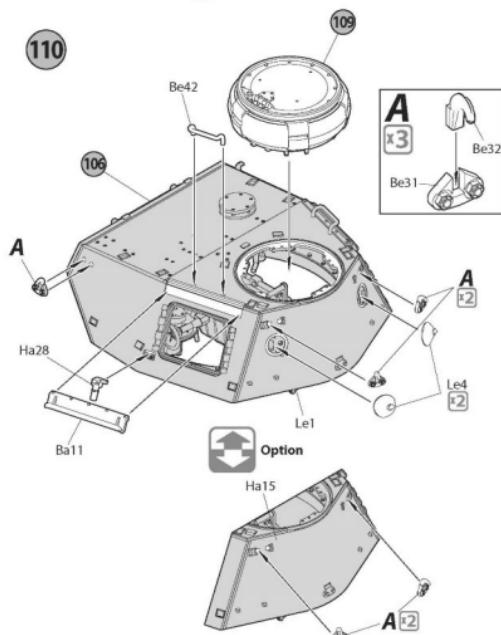
108

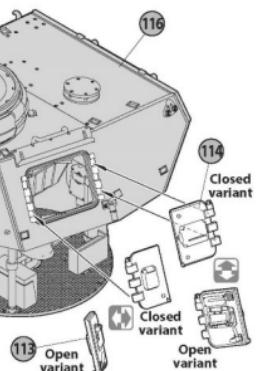
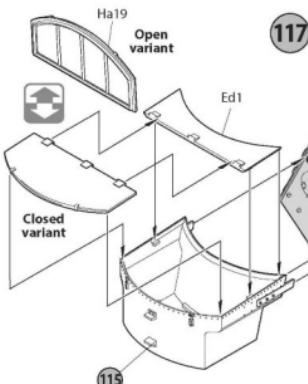
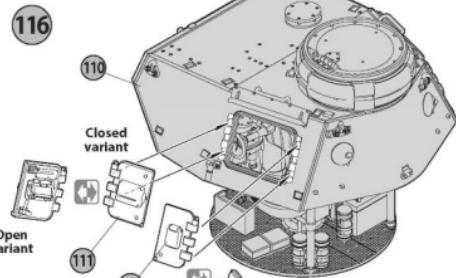
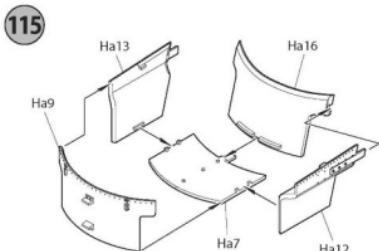
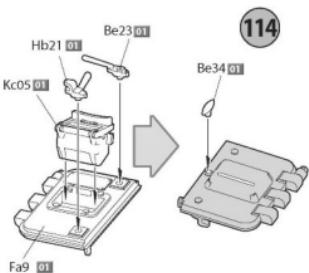
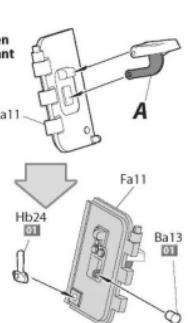
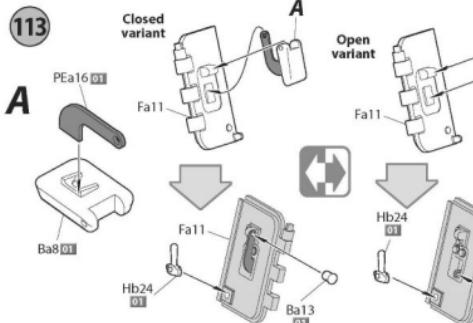
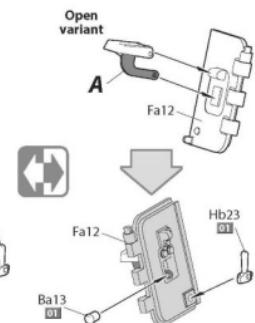
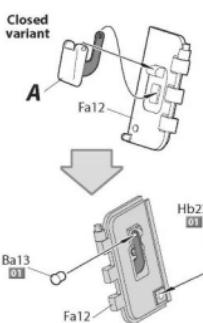
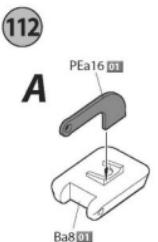
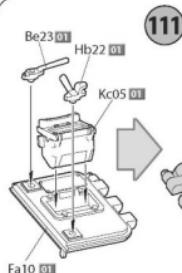


109

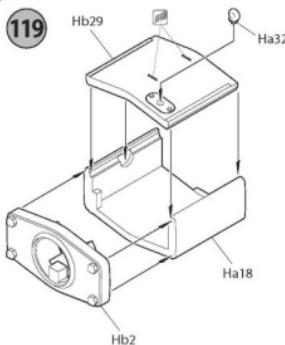


110

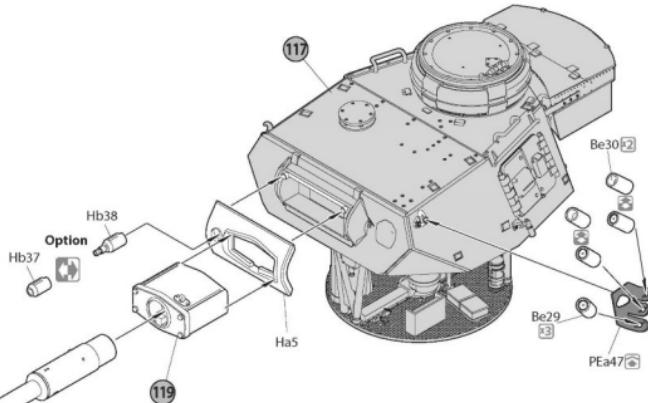




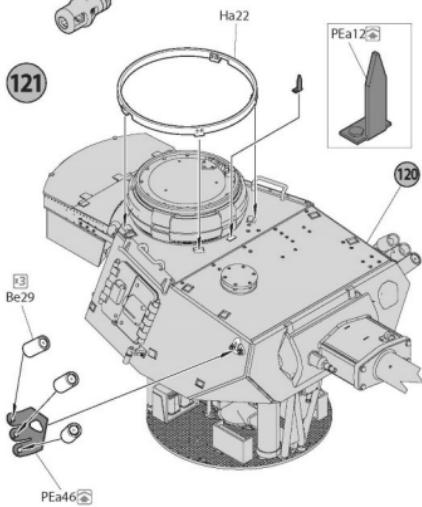
119



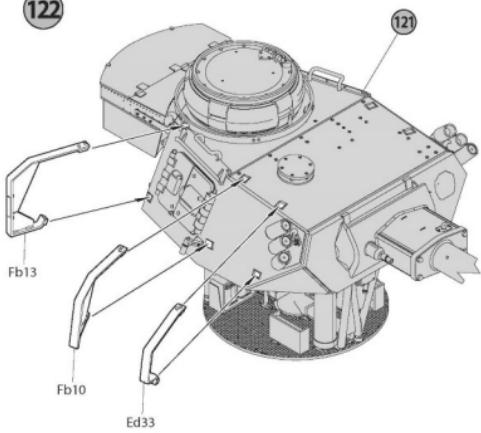
120



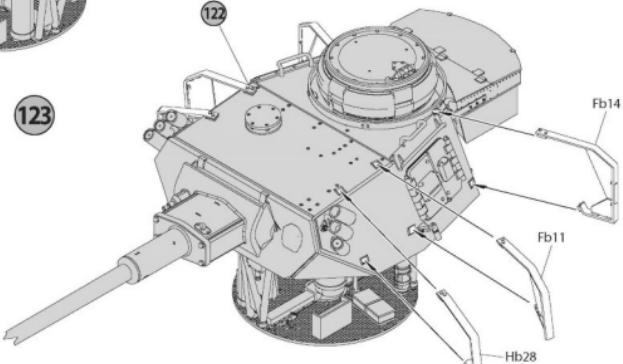
121



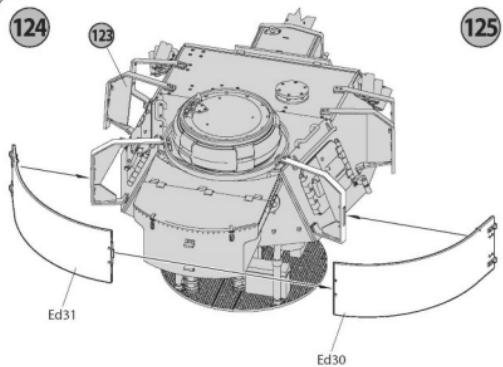
122



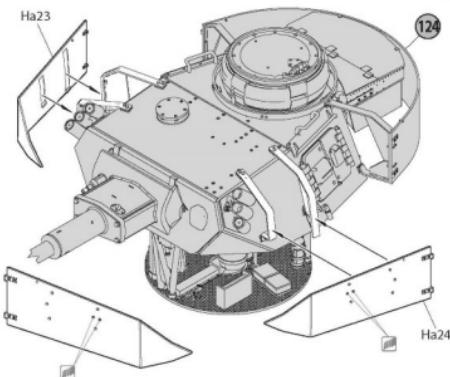
123



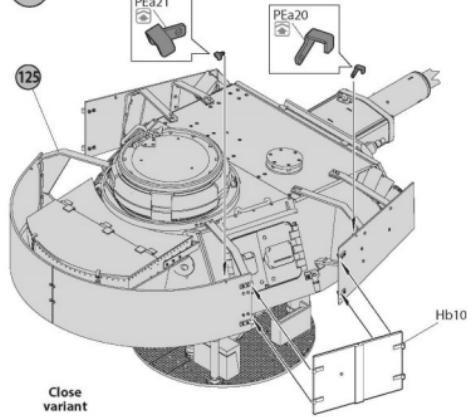
124



125



126



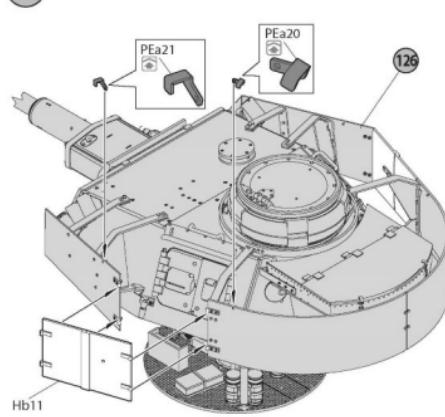
Close variant



Open variant



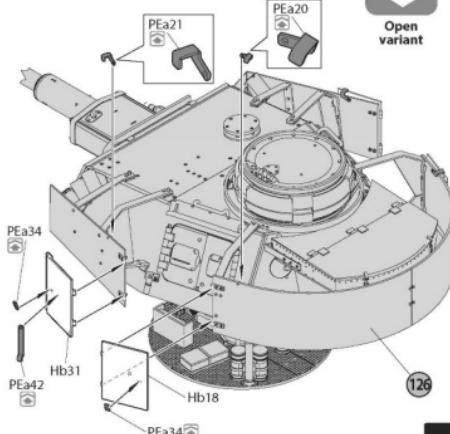
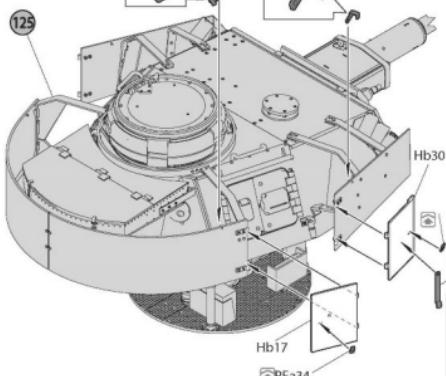
127

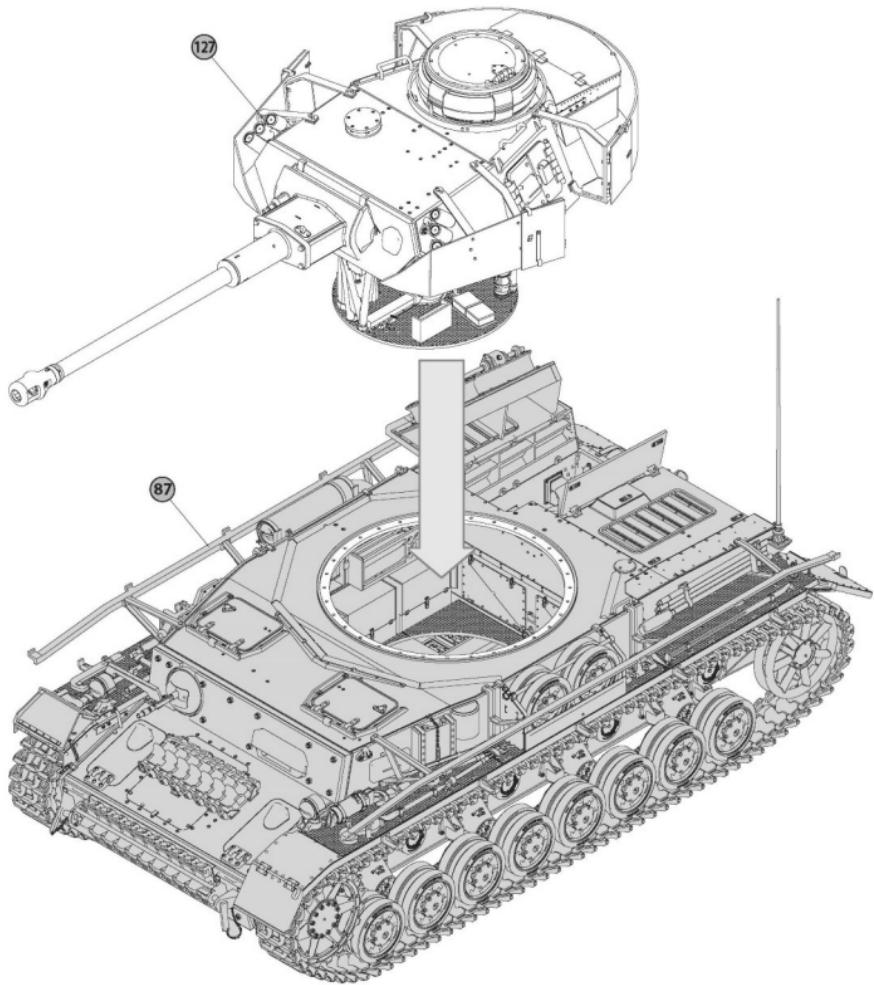


Close variant



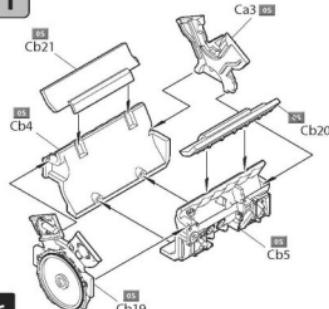
Open variant



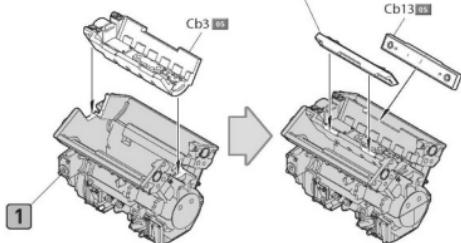


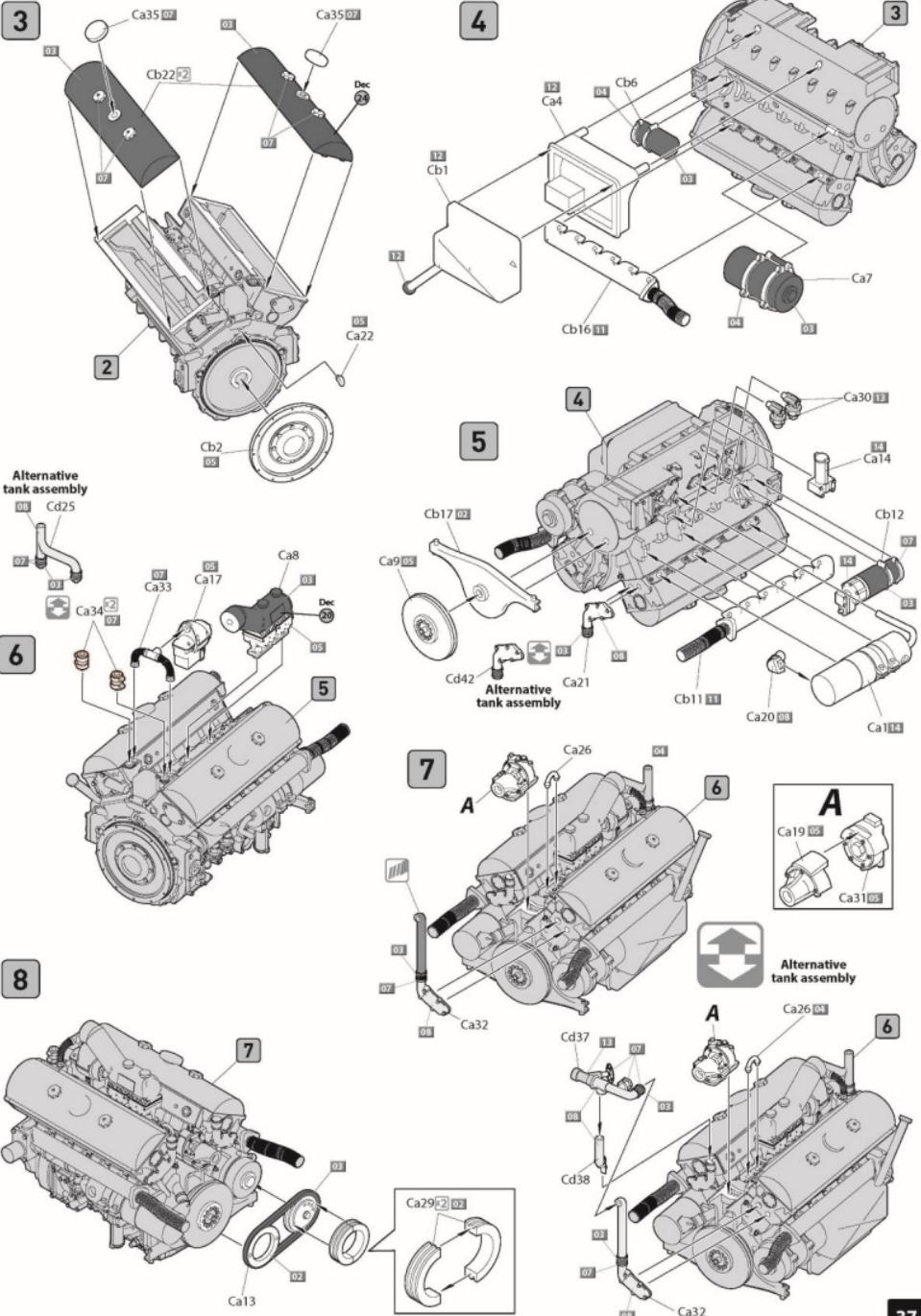
## ENGINE

1

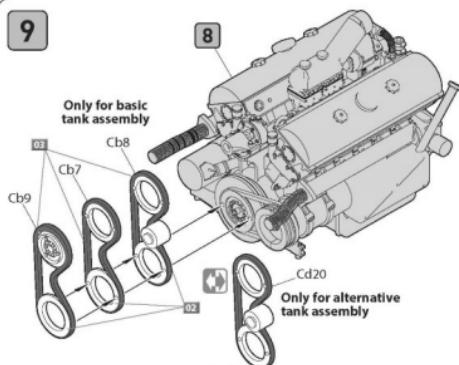


2



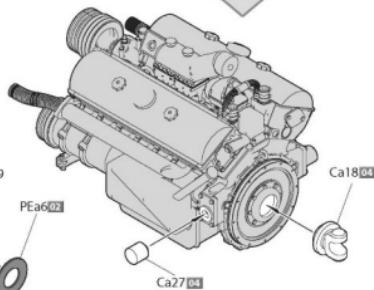
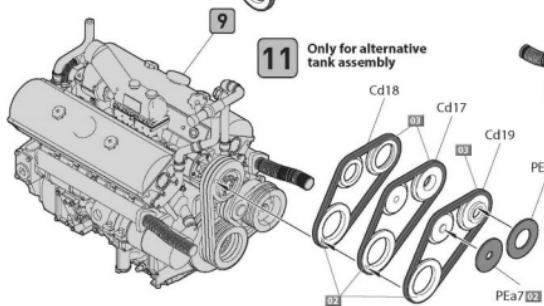
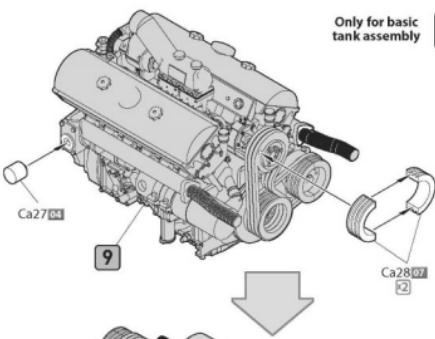


9



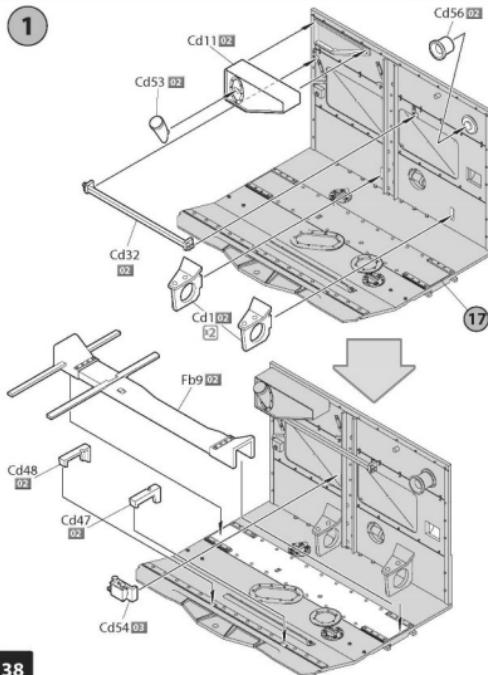
Only for basic tank assembly

10

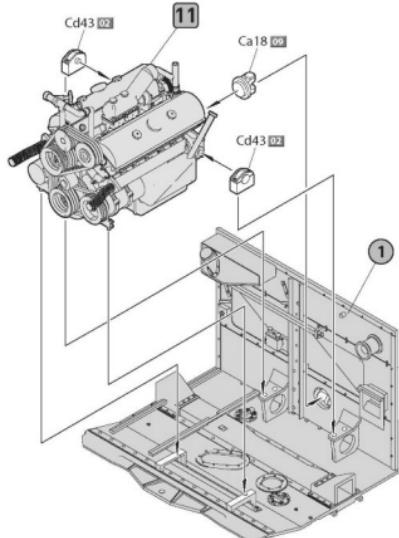


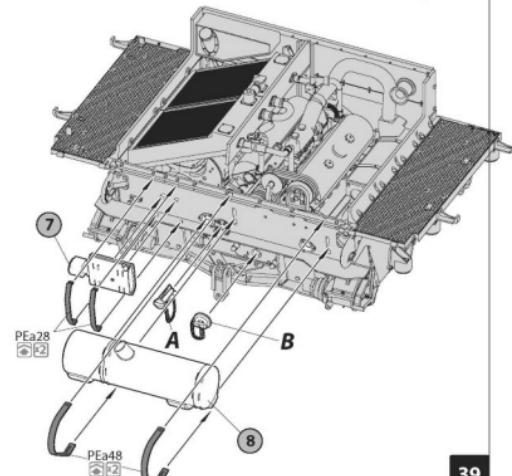
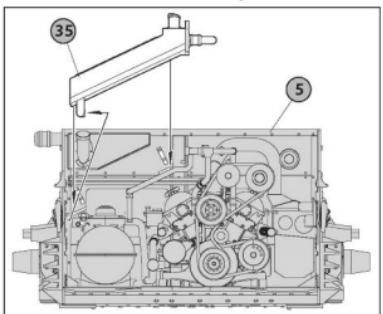
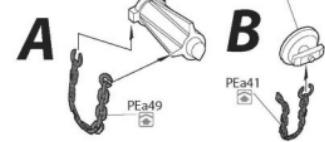
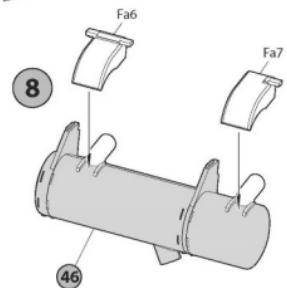
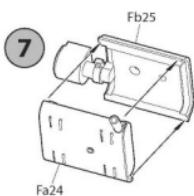
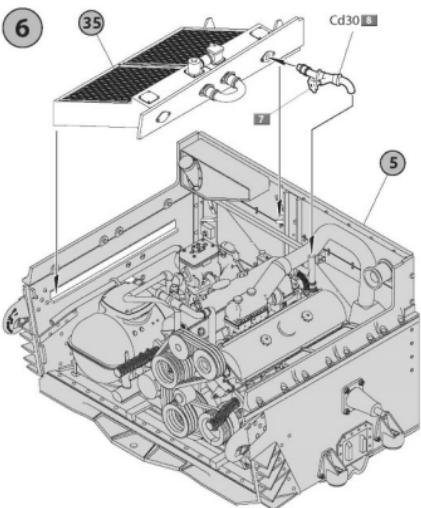
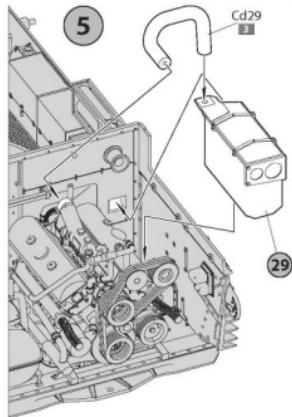
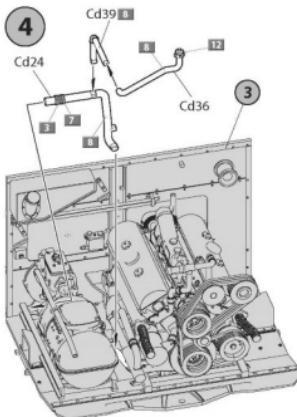
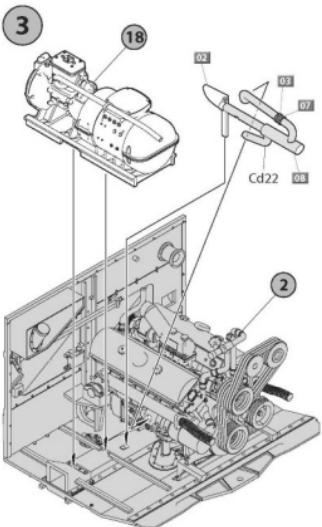
## ALTERNATIVE TANK ASSEMBLY (WITH THE ENGINE)

1

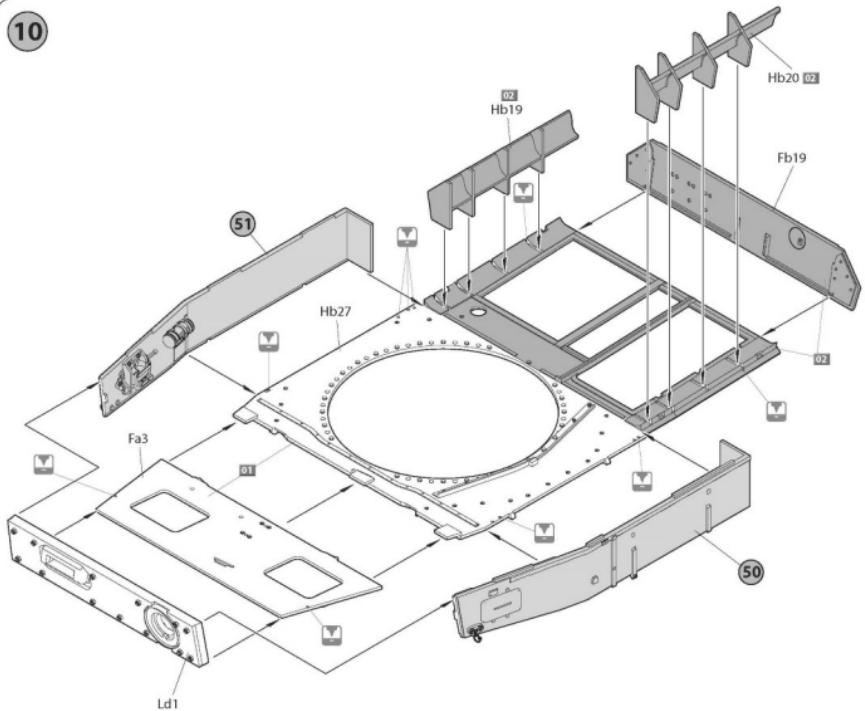


2

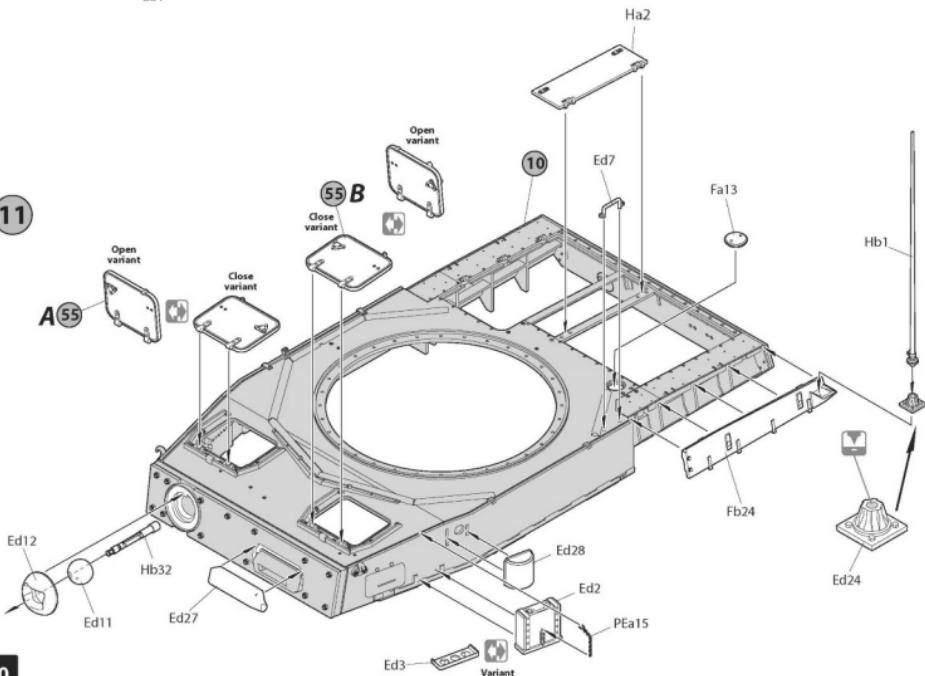




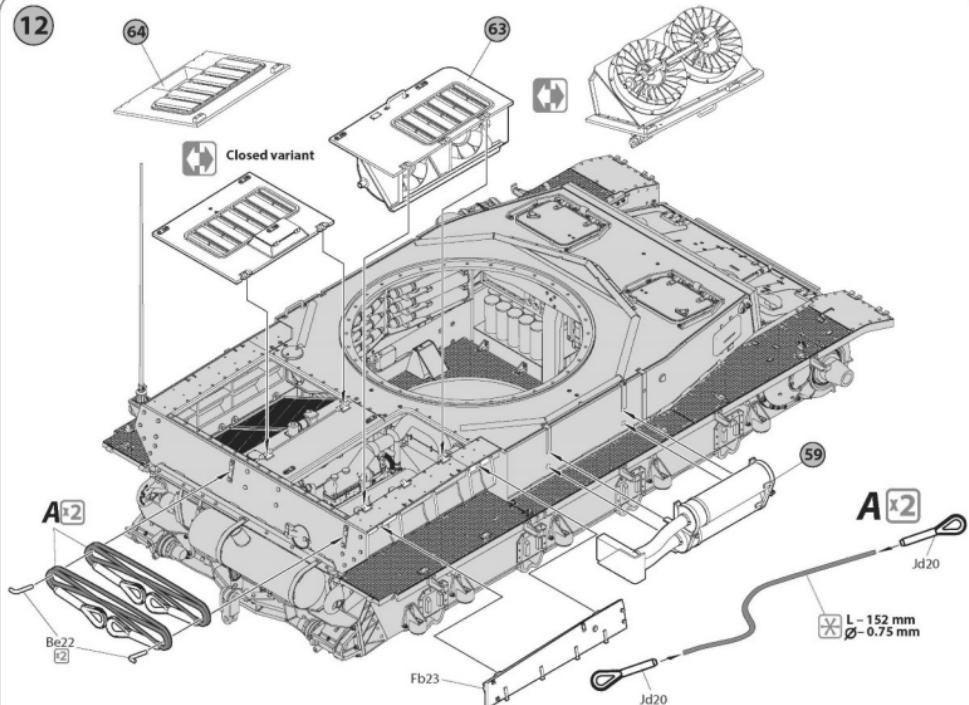
10



11

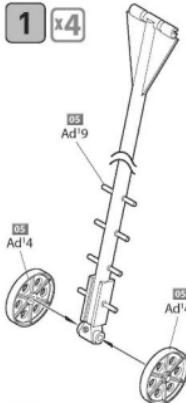


12

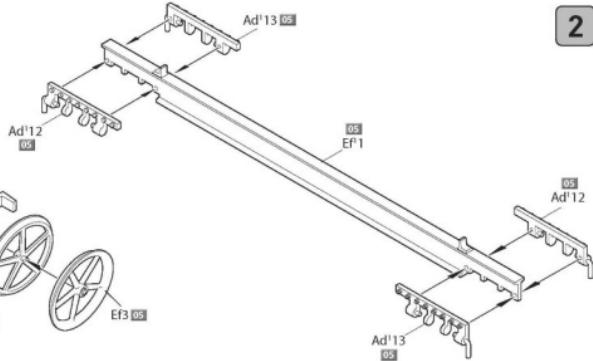


## CRANE & ACCESSORIES

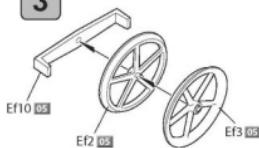
1 x4



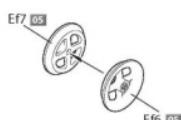
2



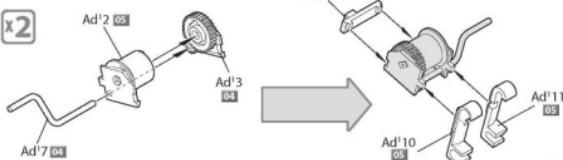
3



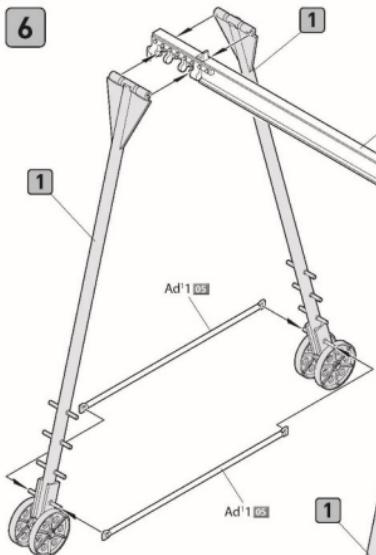
4



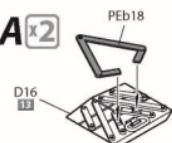
5 x2



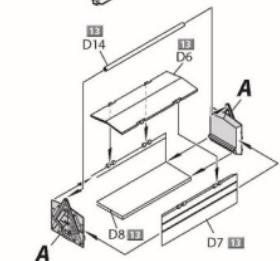
6



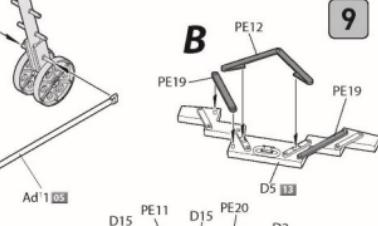
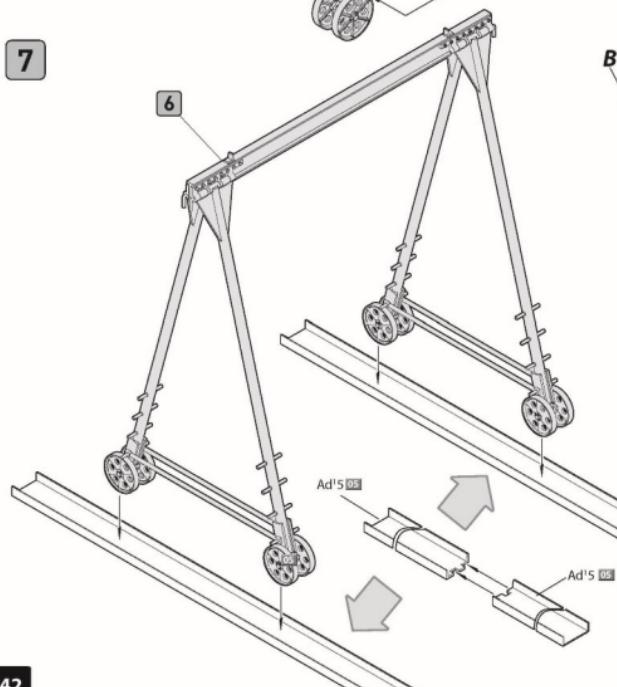
A x2



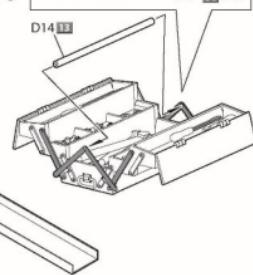
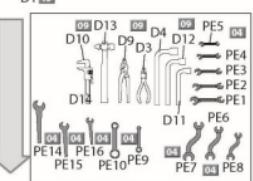
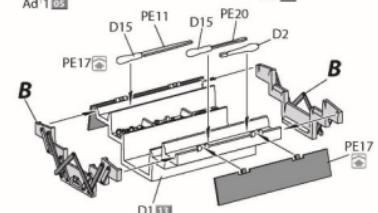
8



7

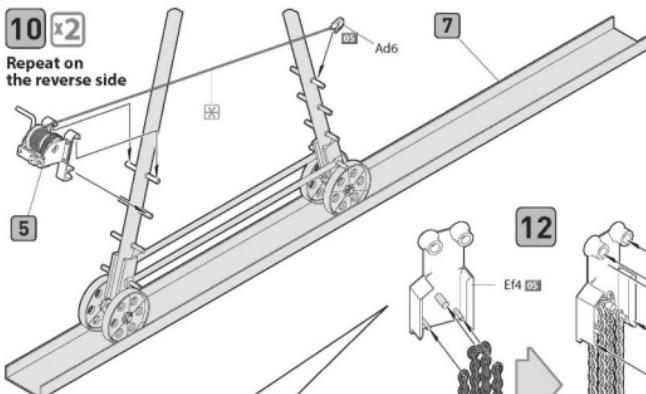
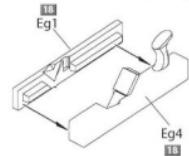
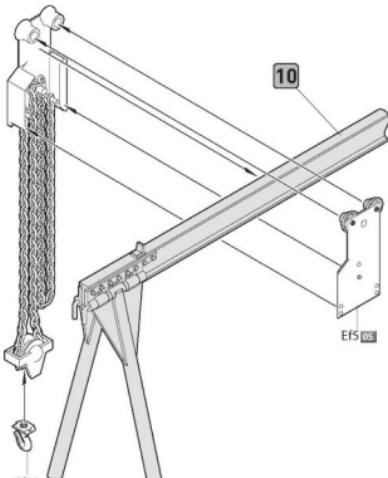
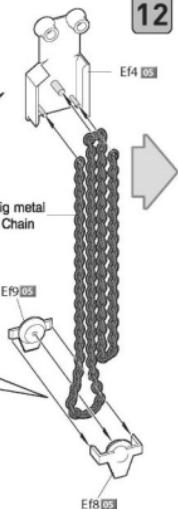
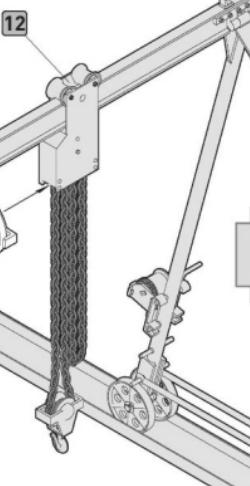
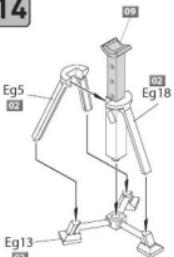
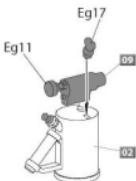


9



**10 x2**

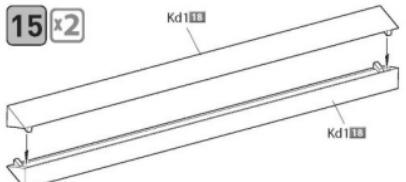
Repeat on the reverse side

**11****12****13****14****15**

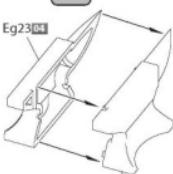
Small metal Chain = 200 mm

Small metal Chain = 200 mm

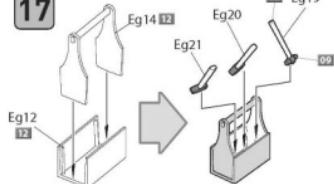
**15** x2



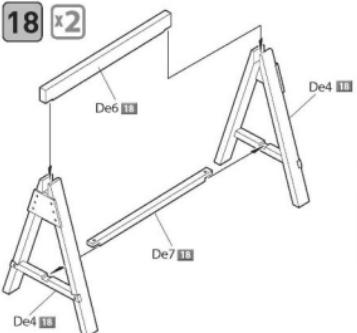
**16**



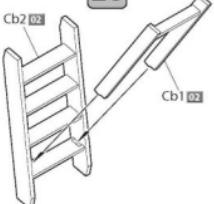
**17**



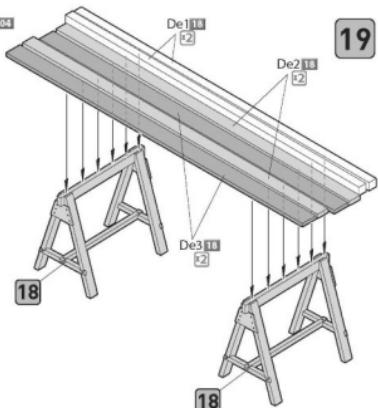
**18** x2



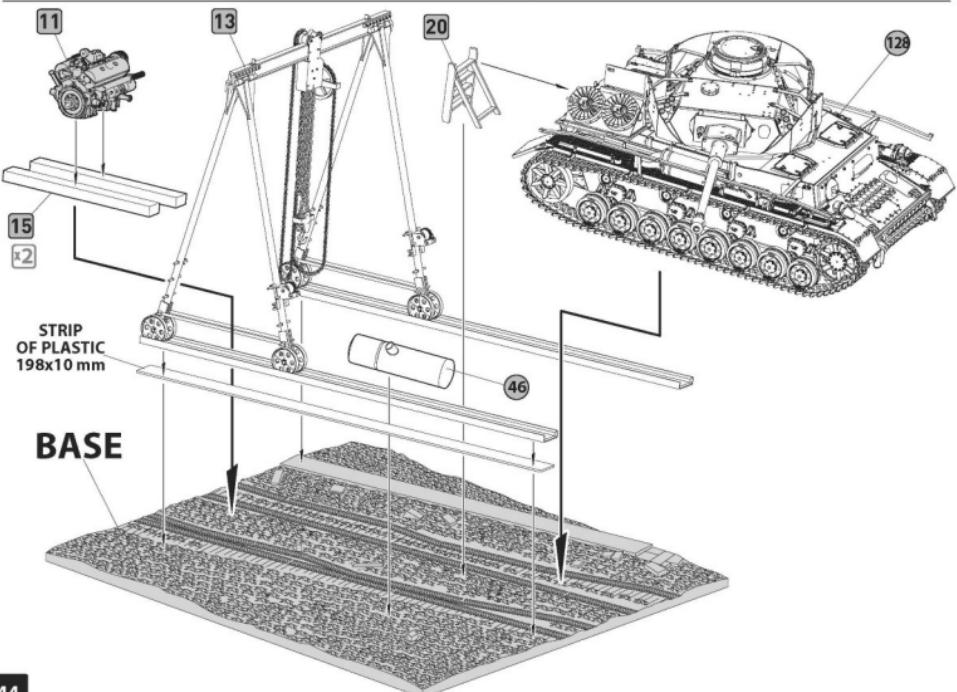
**20**



**19**



## EXAMPLE DIORAMA



# MINIATURES



COLOR CHART MINIATURES

No	Color	Vallejo	Mr. Color	AK RC	Mission Models	AMMO MIG	Tamiya	Color name
01		70.865	C-028	AK-476	MMM-002	A.MIG-0191	XF-56	Steel
02		70.926	C-003	RC-006	MMP-003	A.MIG-0049	XF-07	Red
03		70.818	C-310	RC-031	MMP-033	A.MIG-0076	XF-10	Brown
04		70.950	C-033	RC-001	MMP-047	A.MIG-0046	XF-01	Black
05		70.863	C-043	RC-030	MMP-020	A.MIG-0078	XF-02	Wood
06		70.863	C-043	RC-015	MMP-001	A.MIG-0045	XF-04	Gun Metal
07		70.815	C-051	RC-014	MMP-070	A.MIG-0116	XF-15	Skin Tone
08		70.915	C-052	RC-048	MMP-046	A.MMO-01512	XF-65	Grey Green
09		70.992	C-013	RC-249	MMP-072	A.MIG-0059	XF-75	Grey
10		70.840	C-392	RC-291	MMP-092	A.MIG-0237	XF-50	Azure Blue
11		70.924	C-027	RC-262	MMP-059	A.MIG-0237	XF-04	Olive Drab
12		70.969	C-136	RC-047	MMP-009	A.MIG-0060	XF-05	Green

COLOR CHART

No	Color	Vallejo	Mr. Color	AK RC	Mission Models	AMMO MIG	Tamiya	Color name
01		71.119	C-332	RC-003	MMP-082	A.MIG-0017	XF-02	Creaminess
02		71.271	C-41	RC-067	MMP-015	A.MIG-0014	XF-44	German Rothbraun
03		71.057	C-033	RC-001	MMP-047	A.MIG-0046	XF-01	Black
04		71.072	C-028	AK-476	MMM-002	A.MIG-0191	XF-56	Steel
05		71.056	C-040	RC-057	MMP-014	A.MIG-0009	XF-63	Dunkelgrau
06		71.067	C-219	AK-460	MMM-009	A.MIG-0197	X-12	Brass
07		71.062	C-090	RC-020	MMM-008	A.MIG-0194	XF-16	Aluminium
08		71.003	C-003	RC-006	MMP-003	A.MIG-0049	XF-07	Red
09		71.073	C-078	RC-015	MMM-001	A.MIG-0045	XF-84	Gun Metal
10		71.041	C-310	RC-035	MMP-032	A.MIG-0076	XF-10	Brown
11		71.059	C-131	A.MIG-009	MHW-001	A.MIG-0041	XF-41	Rust
12		71.099	C-005	RC-036	MMP-065	A.MIG-0086	XF-17	Blue
13		71.007	C-038	RC-023	MMP-035	A.MIG-0081	XF-42	Olive Green
14		71.276	C-060	RC-299	MMP-072	A.MIG-0075	XF-55	Light Grey
15		71.025	C-039	RC-062	MMP-011	A.MIG-0010	XF-60	Dunkelgelb
16		71.016	C-012	RC-024	MMP-020	A.MIG-0071	XF-49	Khaki
17		71.001	C-062	RC-004	MMP-001	A.MIG-0059	XF-02	White
18		70.976	C-043	RC-030	MMP-076	A.MIG-0037	XF-79	Wood
19		71.251	C-137	RC-022	MMP-040	A.MIG-0033	XF-85	Tire Black
20		71.041	C-147	RC-068	MMP-012	A.MIG-0015	XF-10	Schokobraun





