

351260

Sherman M4A4 DD Mk I & Lowered Screen



WARNING

This is a complex kit for assembly and for painting.
Full resin kit. No Photoetched parts included.

Refer to the CD for more information
(TM, assembly photos, walkaround photos and much more)
Refer to the TM for detailed description of the struts.

Understanding how the struts work:

The struts, whether they are left or right are the same (except in detail)
Struts are non locking type and « break » in the middle. The « breakage » is done by a piston
which either pushes the struts apart or pulls a chain that will pull the struts apart.

Master by Resicast
November 2016

Parts for Tank

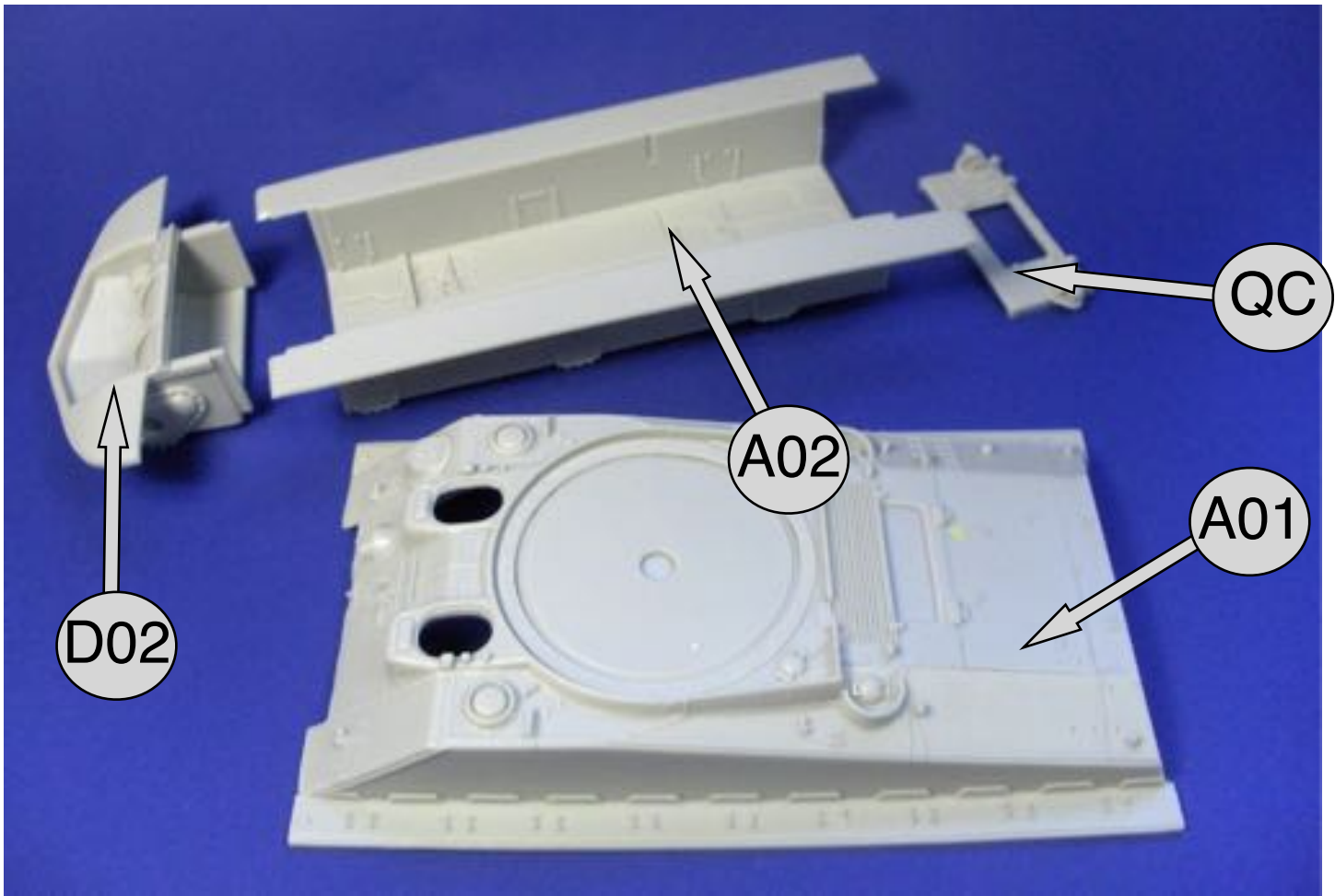
A01	Hull	X1	SF	Front lifting hook	X2
A02	Chassis	X1	SG	Rear lifting hook	X2
A03	Air bottles	X1	SH	Side armour plate	X2
A34	Spare track support rail	X2	SI	Not required	
A35	Spare track	X3	SJ	Not required	
C05	Exhaust duct	X1	SK	Extinguisher guard	X1
C06	Adjuster	X2	SL	Bow machine gun	X1
C08	Propeller fixation	X2	SM	Machine gun cover	X1
C08*	Only required if propellers are not used	X2	T	Short track	X2+2
D02	Bow	X1	T20	Extinguisher	X2
D03	Radiator cover	X1	TA	Track	X10
D04	Rear deck	X1	U	Front light guard	X4
D07	Fixation plate left	X1	WA	Road wheels	X6
D08	Fixation plate right	X1	WL	Left bogey	X3
D10	Take over right	X1	WO	Return guides	X6
D11	Take over left	X1	WR	Right bogey	X3
D13	Front light	X2	WS	Drive sprocket	X2
D15	Rear hook	X2	WY	Rear sprocket type A	X2
D16	Not required		WZ	Rear sprocket type B	X2
D19	Steering shaft	X1	X	Rear light	X2
D20	Support bracket	X1	Z6	Propeller guide	X2
D22	Rear support	X2	Z7	Propeller steering bracket	X2
D23	Rear bracket	X2	Z8	Rear towing hook	X2
D28	Platform	X1			
D29	Platform support right	X1			
D30	Platform support left	X1			
DD	Idler wheel	X2			
DJ	Rear plate	X1			
EK	Periscope	X2			
EL	Periscope cover open	X2			
EM	Periscope cover closed	X2			
F	Air intake cover	X1			
G	Air intake cover	X1			
H08	Main strut pivot bracket	X1			
H09	Exhaust top	X2			
H10	Exhaust	X2			
H11	Rear support	X2			
H12	Bracket	X2			
H13	Bracket for H11	X2			
H23	Manometer	X1			
H24	Manometer support	X1			
HL	Grouser cover left	X1			
HM	Grouser cover right	X1			
HOE	Left hatch	X1			
HON	Right hatch	X1			
P1	Propeller	X1			
P2	Propeller	X1			
QC	Rear engine plate	X1			
QD	Engine rear door right	X1			
QE	Engine rear door left	X1			
QF	Rear locking plate	X1			

Parts for Struts

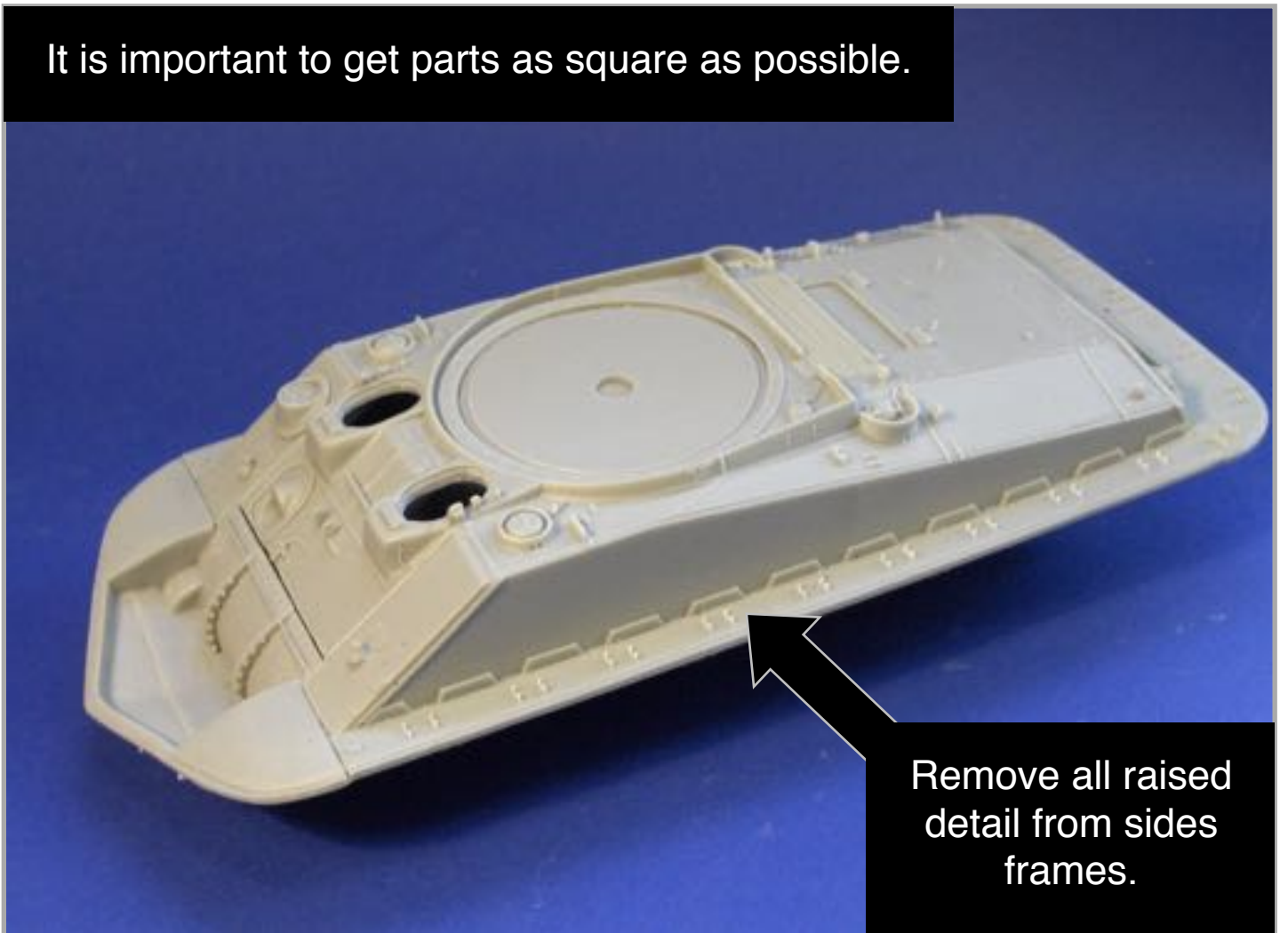
A	Main upper cross beam	X1
AA	Main front strut	X2
AAA	Main front piston support	X1
B	Upper cross beam arm	X2+2
C	Main arm bracket left	X1
D	Main arm bracket right	X1
E	Front side arm lower	X2+2
F	Front side arm upper	X2
G	Side arm lower	X2
H	Side arm upper	X2
I	Side piston	X2
J	Rear side arm lower	X2
K	Rear side arm upper	X2
L	Rear side arm lower	X2
M	Rear side arm upper	X2
O	Rear top arm upper	X2
P	Rear top arm lower	X2
PA	Front piston	X1
Q	Rear lower arm upper	X2
R	Rear lower arm lower	X2
R	Periscope extension support (optional)	X1
S	Rear piston	X2
S12	Support	X2
S13	Piston rear	X2
S14	Piston	
S15	Piston	
S16	Piston	
S17	Piston	
T	Front side strut	X2+1
T14	Support	???
T15	Tiller	X1
T16	Grab handle	X1
T17	Tiller bracket	X1
T18	Binnacle	X1
U	Front side bracket	X2+1
V	Side pivot bracket	X2
VX	Strut end	X4
VZ	Strut end	X2
W	Front pivot bracket	X2
X	Front side piston	X2
XA	Front side piston support bracket	X2
YA	Front piston guard	X1
YB	Front piston guard	X1
Z1	Tiller bracket rear	X1
Z2	Tiller link rear	X1
Z3	Steering pivot centre	X1
Z4	Steering pivot propeller	X1
Z5	Tiller bracket front	X1
ZF	Front piston support	X1
ZG	Front piston support	X1

Parts for Turret

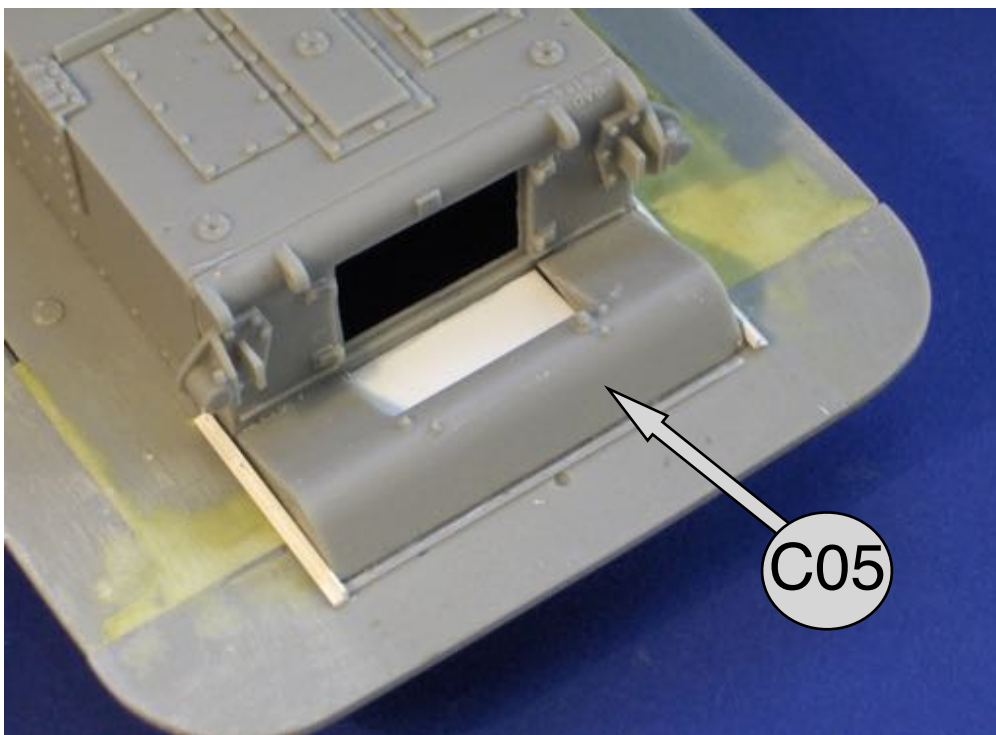
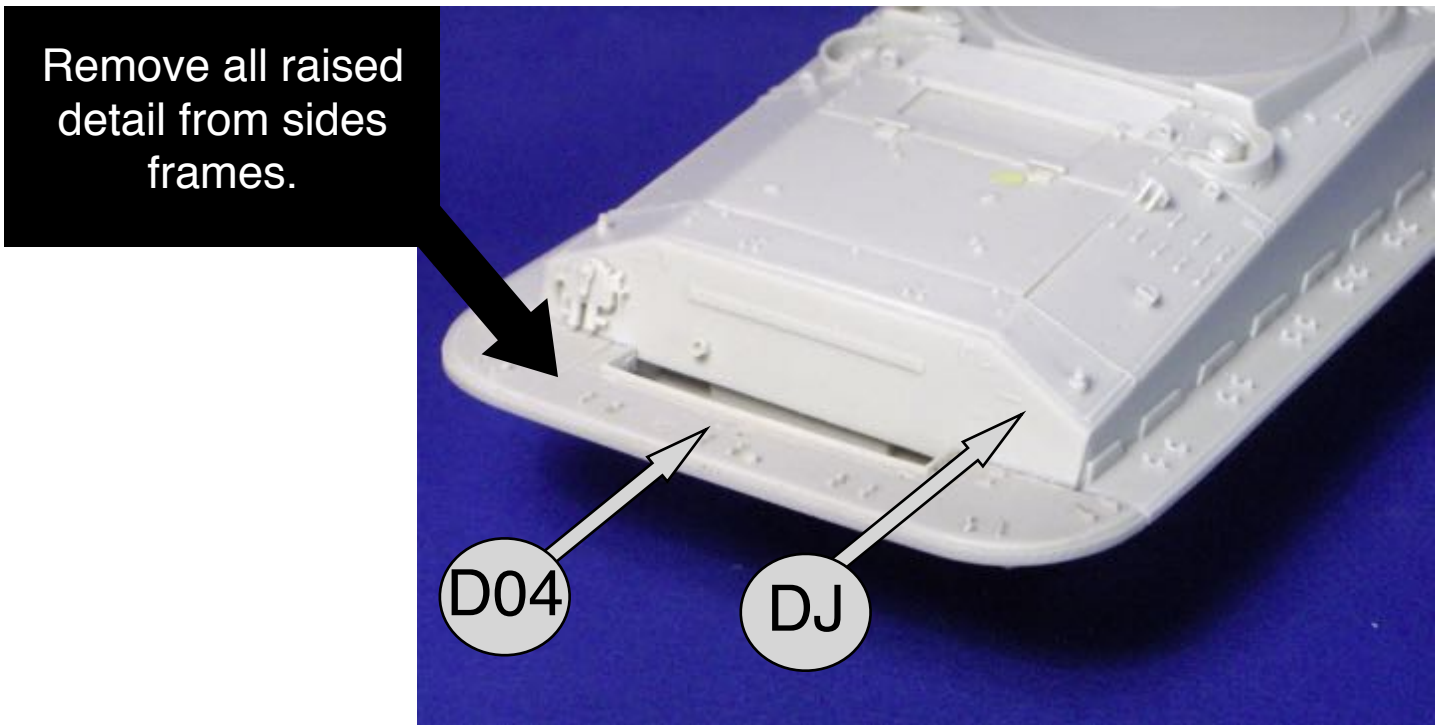
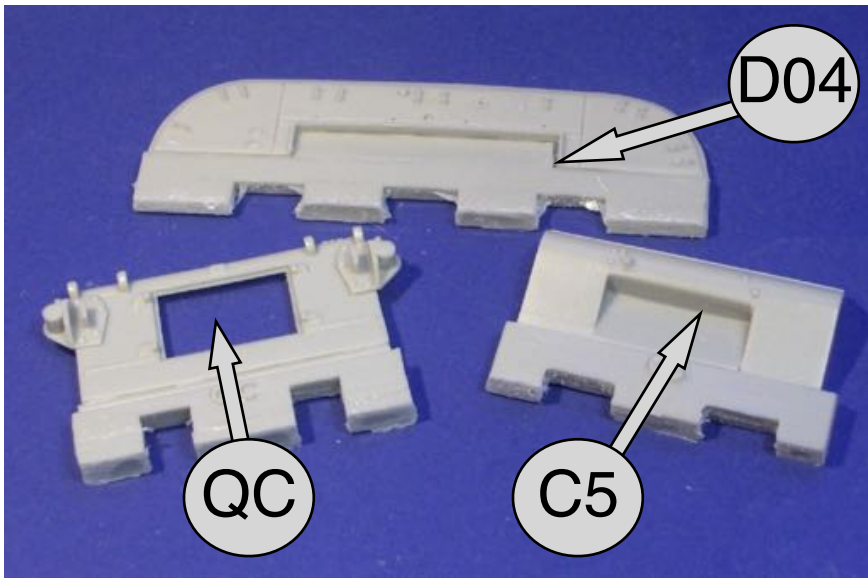
7B	Hatch sight	X1
A	Not required	
AA	Antenna	X1
B	Not required	
C	Not required	
D	Not required	
E	Not required	
EK	Periscope	X4
EL	Periscope open	X4
EM	Periscope closed	X4
F	Not required	
GT	Hatch locking clips	X2
H	Mantlet lifting hook	X2
I	Not required	
O	Sight	X1
P	Vane	X1
Q	Side hatch	X1
R	Not required	
S	Not required	
T	Not required	
T23	Side lifting hook	X2
T24	Front lifting hook	X1
T28	Machine gun	X1
T29	Left fixation	X1
T30	Right fixation	X1
T36	Breech lever	X1
T37	Gun barrel	X1
T38	Trunion	
T39	Guard left	X1
T40	Guard right	X1
T6	Commander ring	X1
T6a	Cushion	X2
T6b	Cushion	X2
T6c	Handle	X1
T7	Hatch	X1
T7A	Hatch handle	X1
T8	Hatch	X1
T9A	Gun mantlet	X1
T9P	Mantlet	X1
T9X	Gun shield	X1
T9Y	Gun shield	X1
T9Z	Machine gun mask	
TP	Breech	X1
TQ	Guard rear section	X1
TZ	Side mortar mount	X1
U	Hatch ring	X2+2



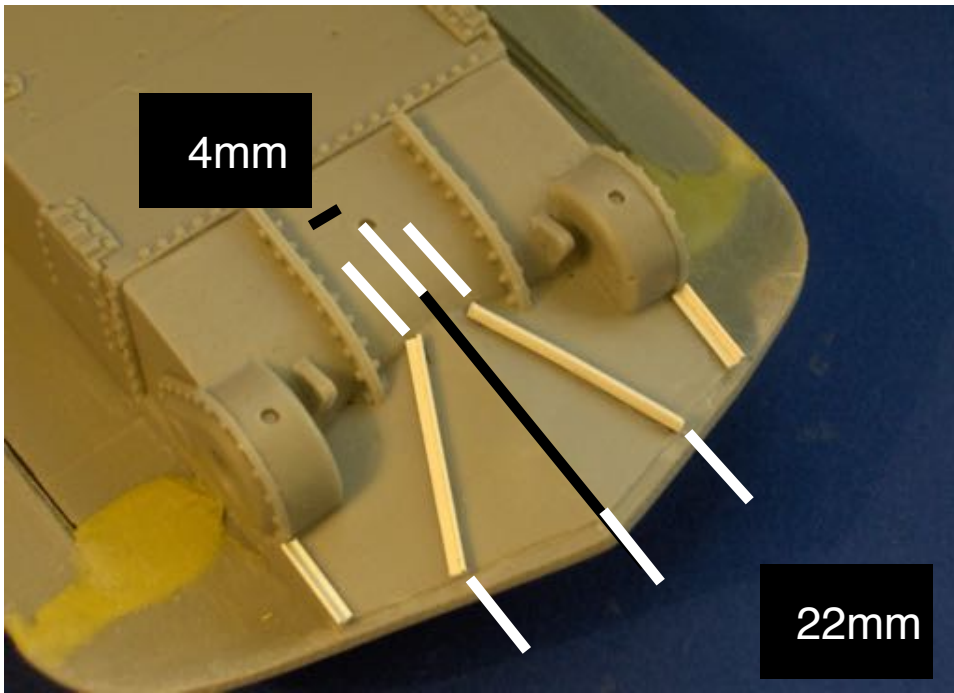
It is important to get parts as square as possible.



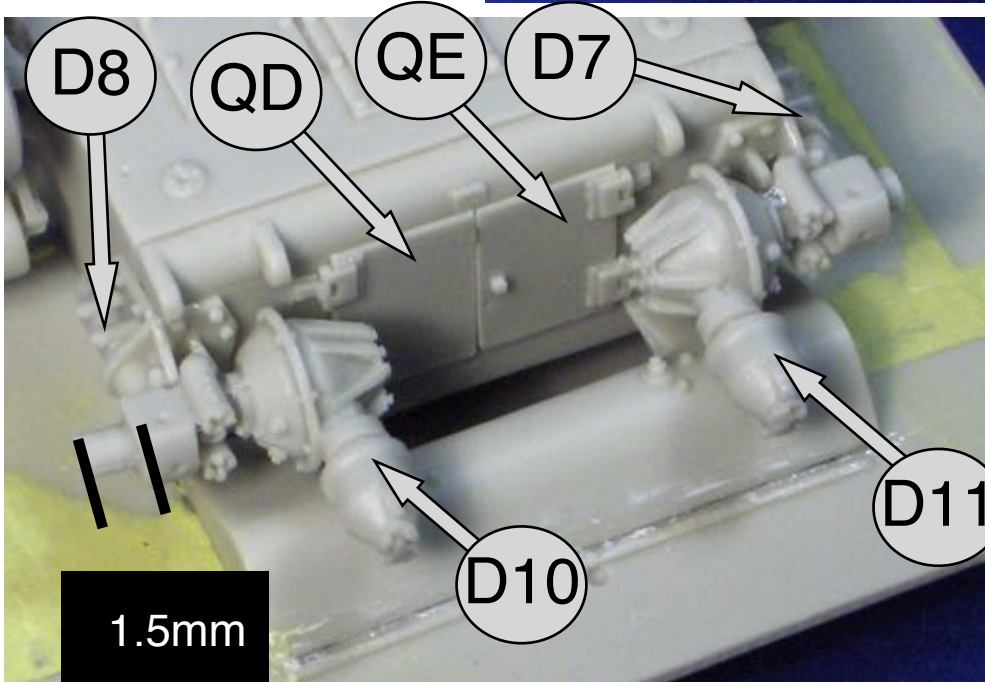
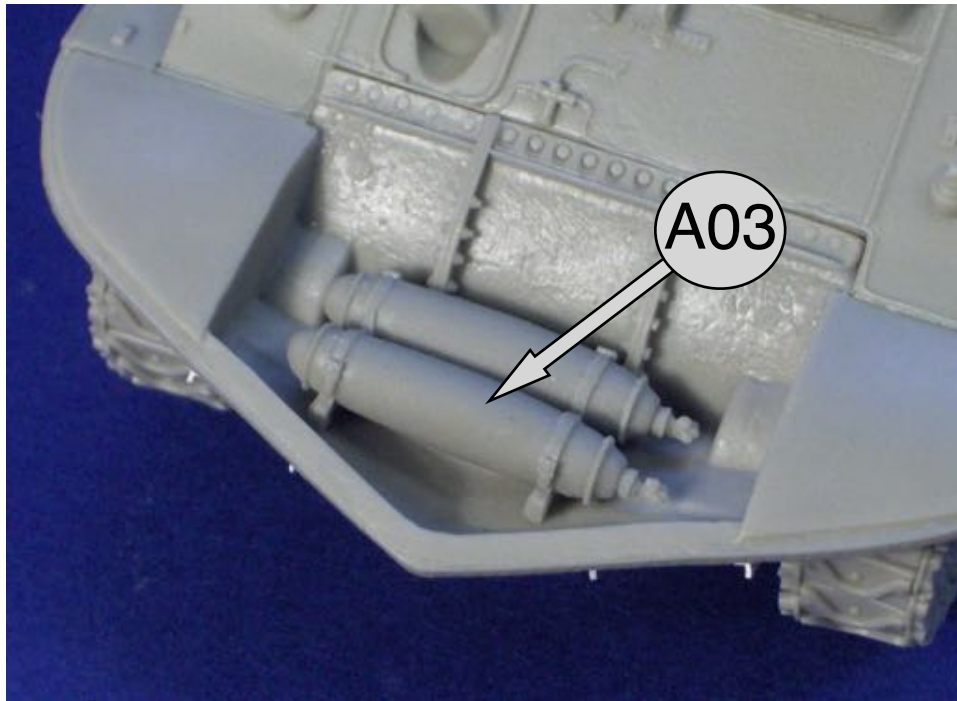
Remove all raised detail from sides frames.



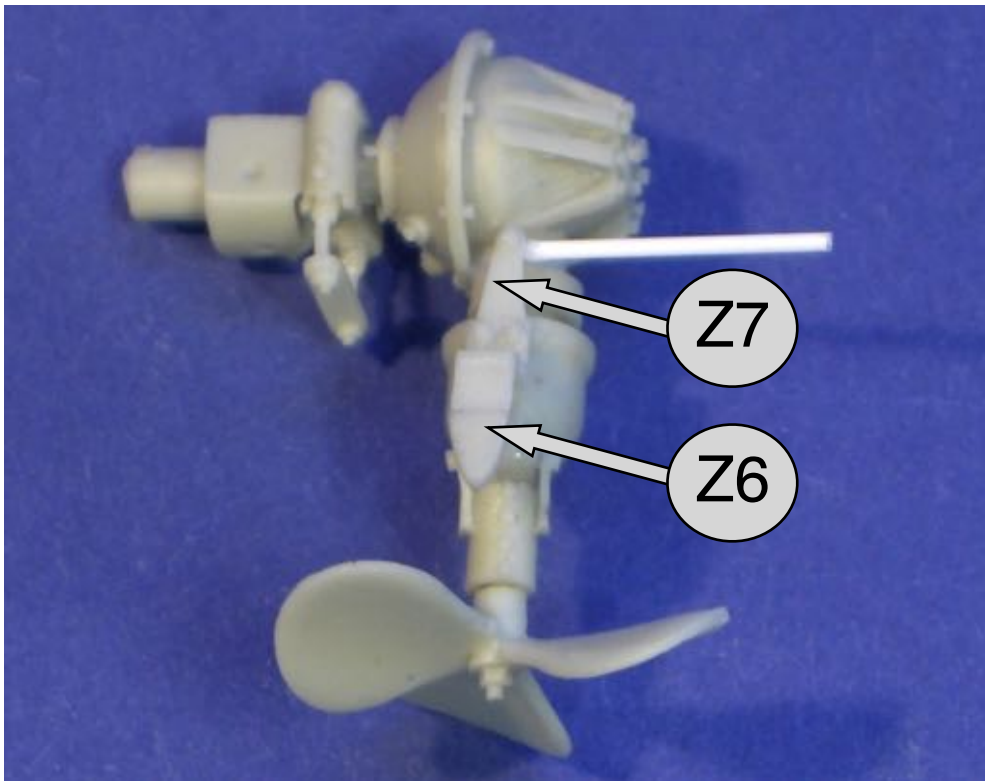
Attach two 25mm length of L strip to each side of air duct.



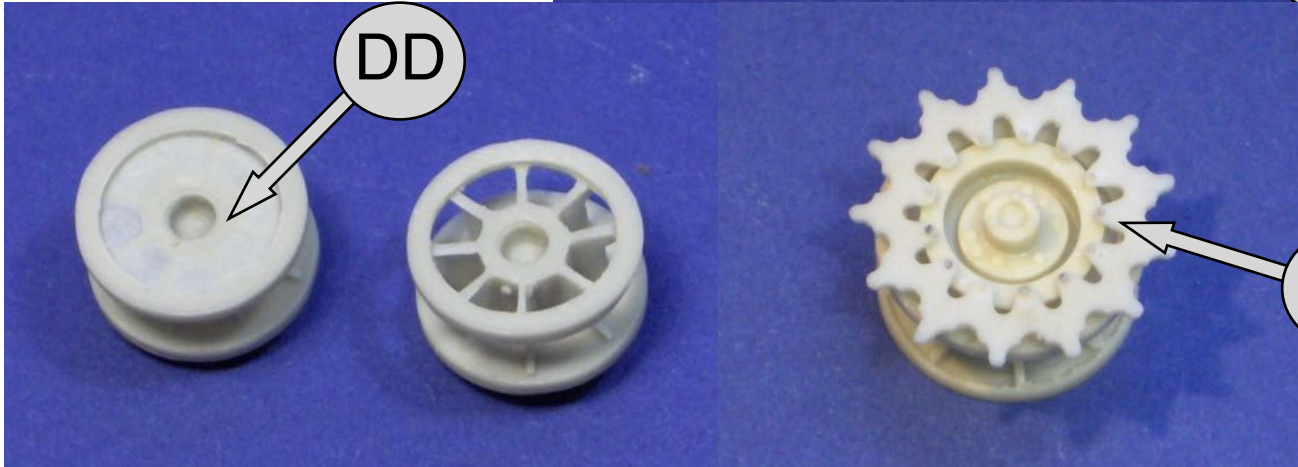
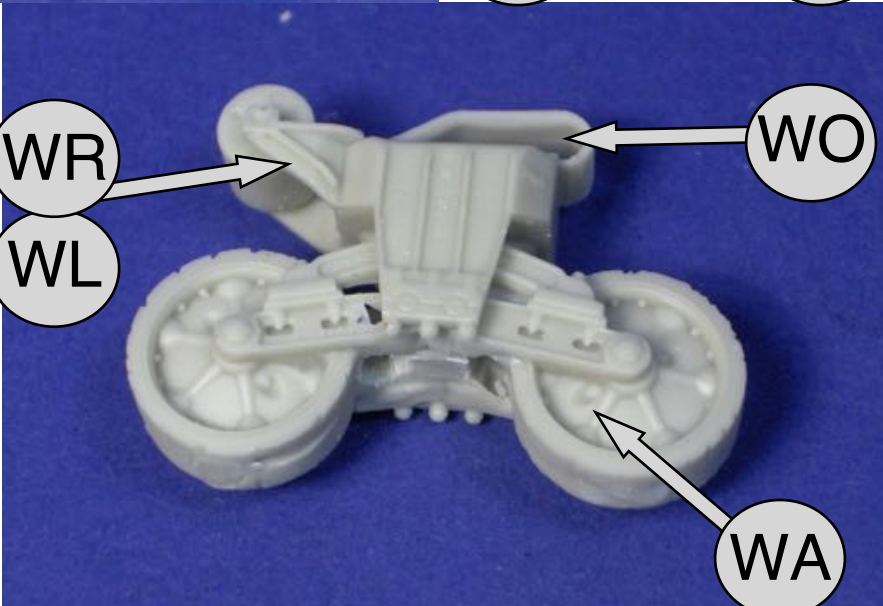
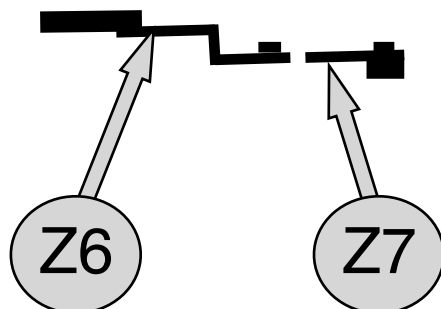
Attach two 9mm length of L strip to edge of bow and two 22mm length of strip to centre of bow.



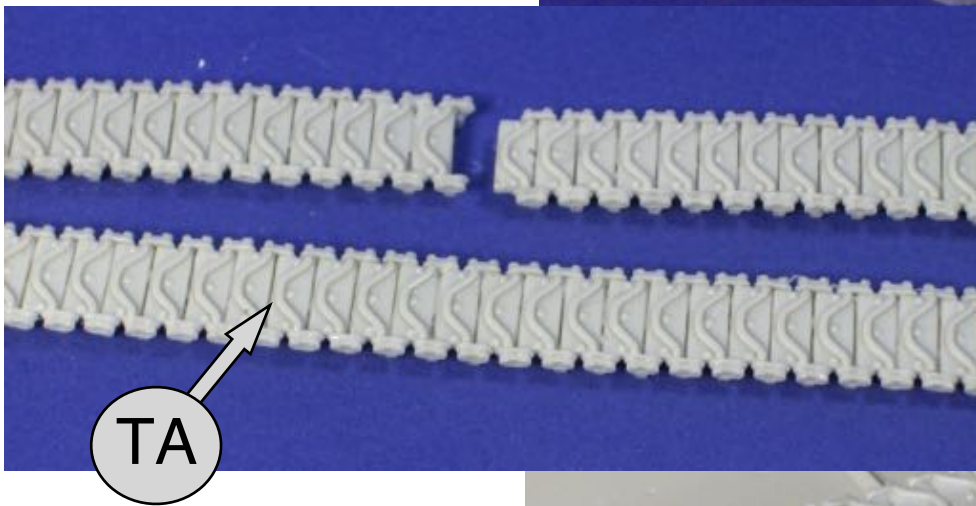
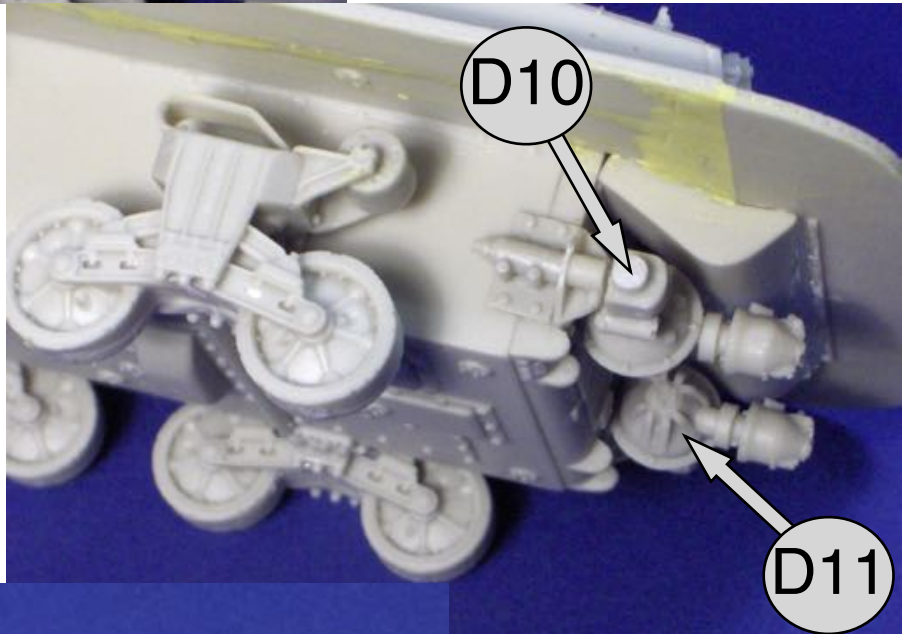
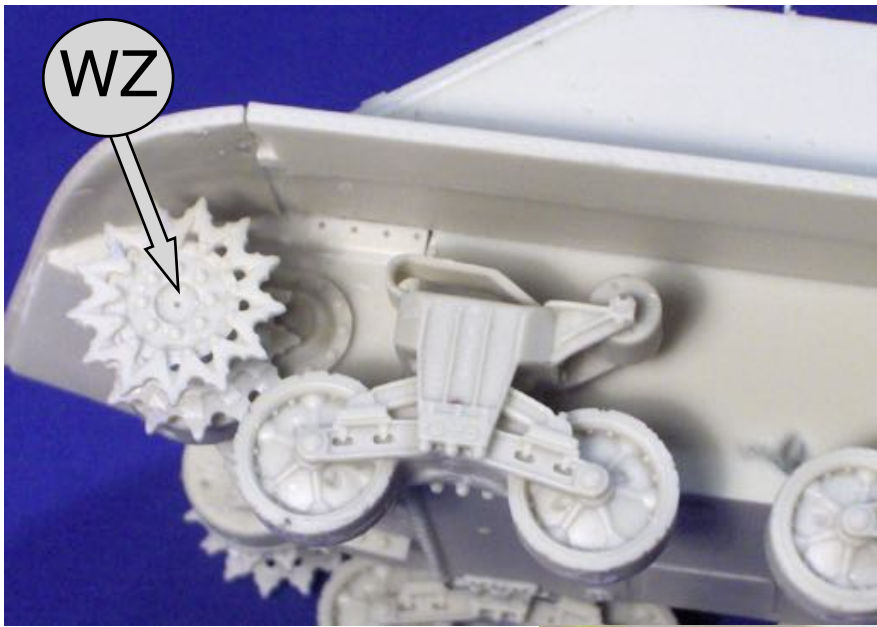
I recommend attaching at this stage to take over D10 & D11 some of the steering parts. Refer to next page.



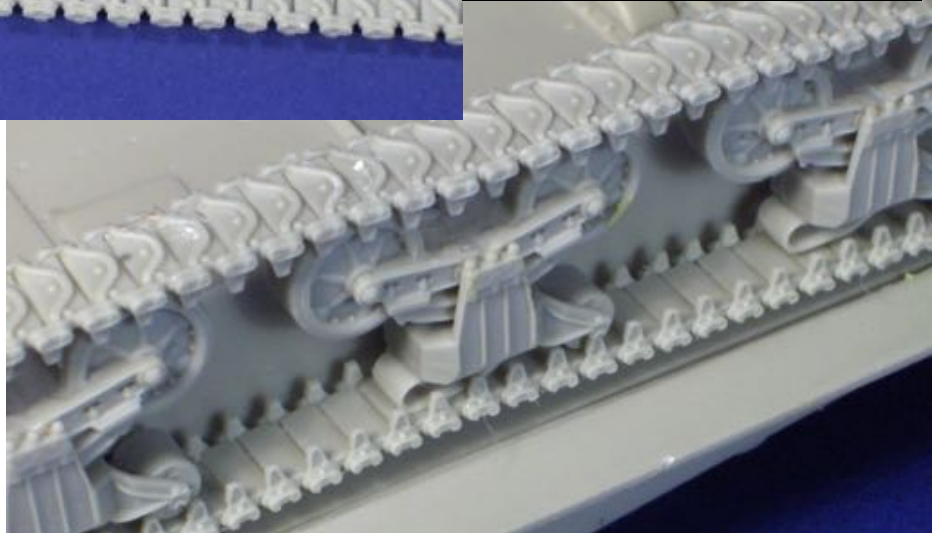
Reduce length of axle to 1.5mm.
 For ease of assembly attach parts Z6 & Z 7 but do not add propellers at this stage.

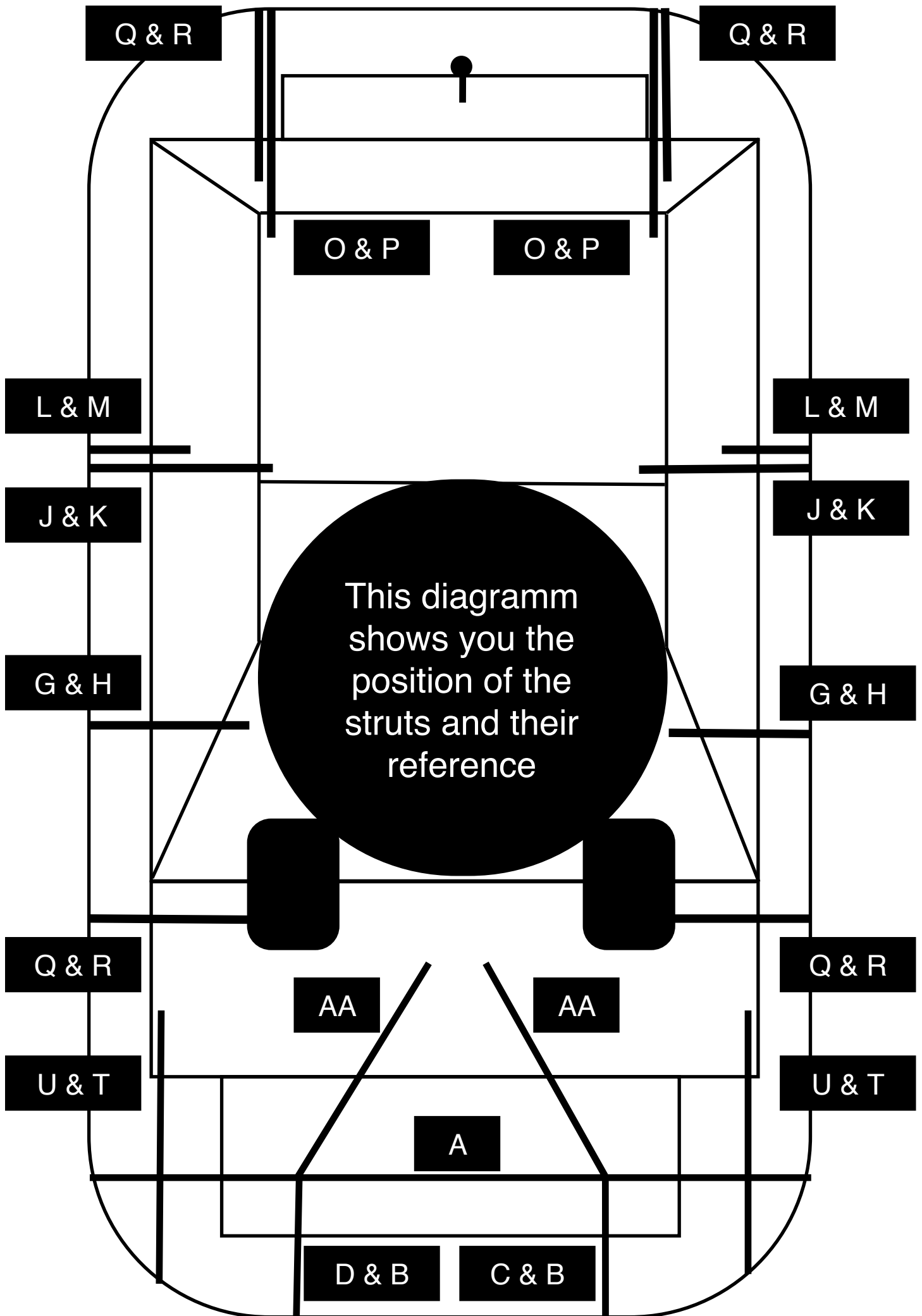


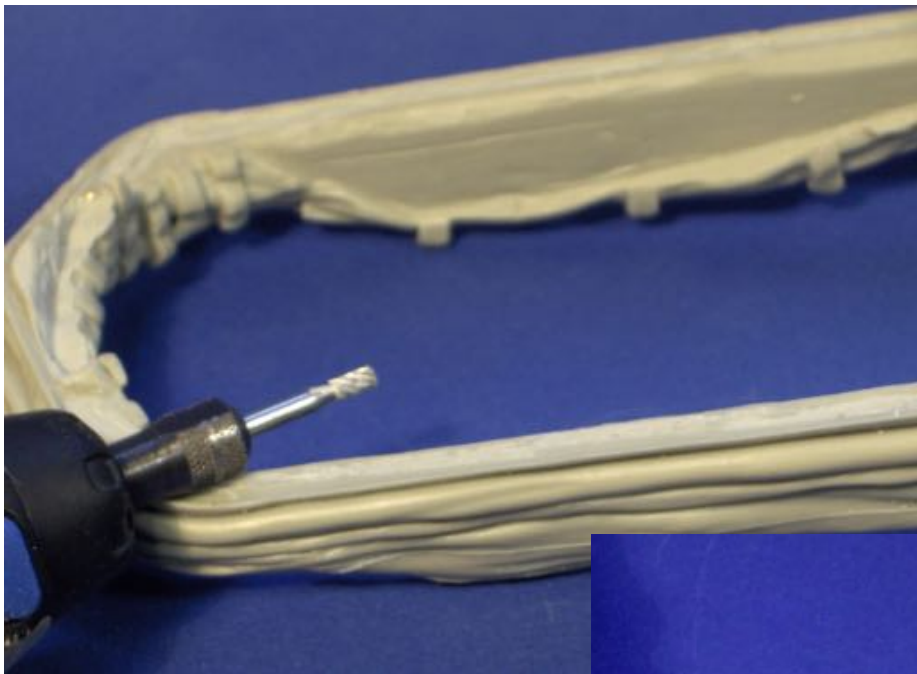
Remove flash from interior of idler wheel.
 Attach sprocket WY or WZ, TM shows WZ while photos of actual vehicles show WY.



Connect 5 lengths of TA & one of T. Use moderate heat to wrap around wheels.

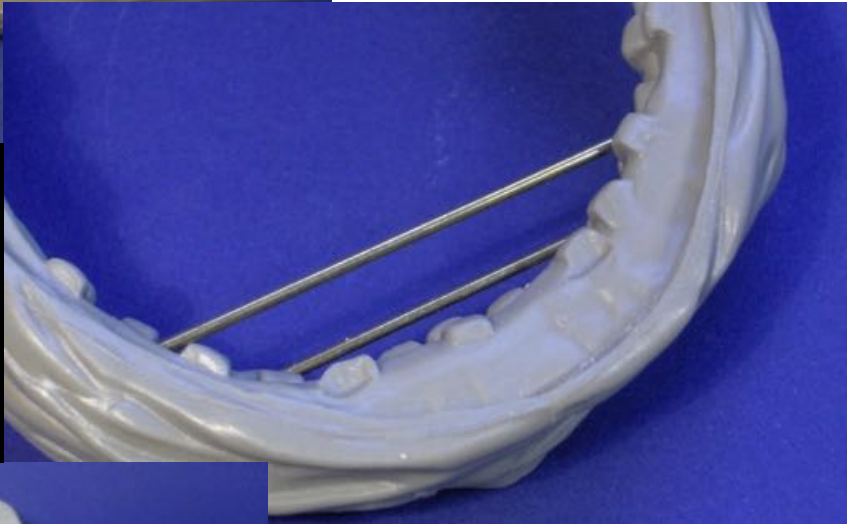






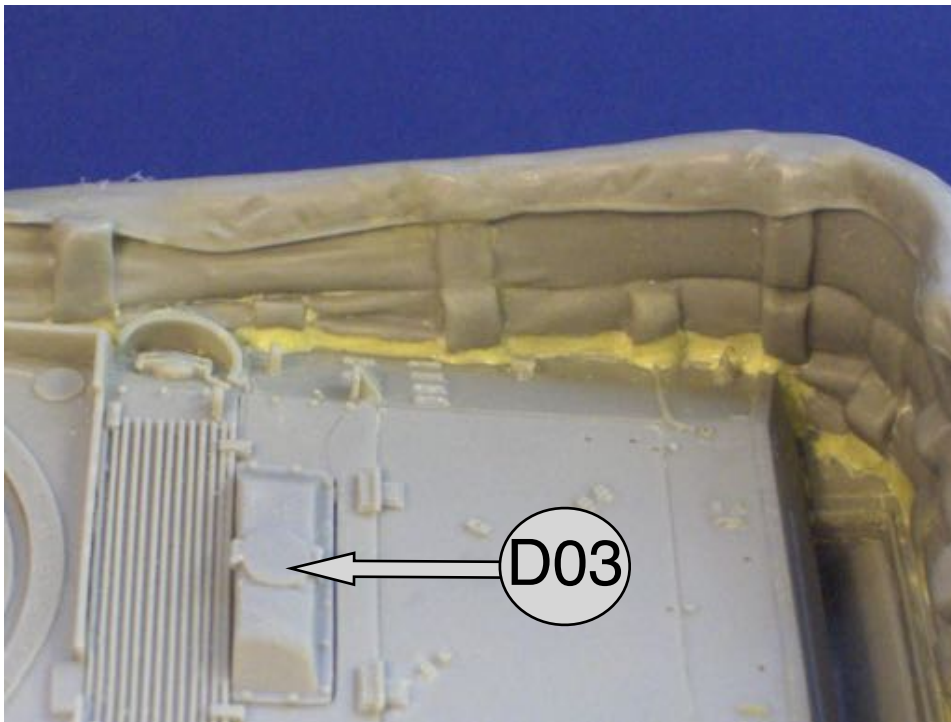
Clean underside of skirt with a power tool.

Test fit position of front cross beams using 1.2mm brass rod provided. They must be horizontal and in line.

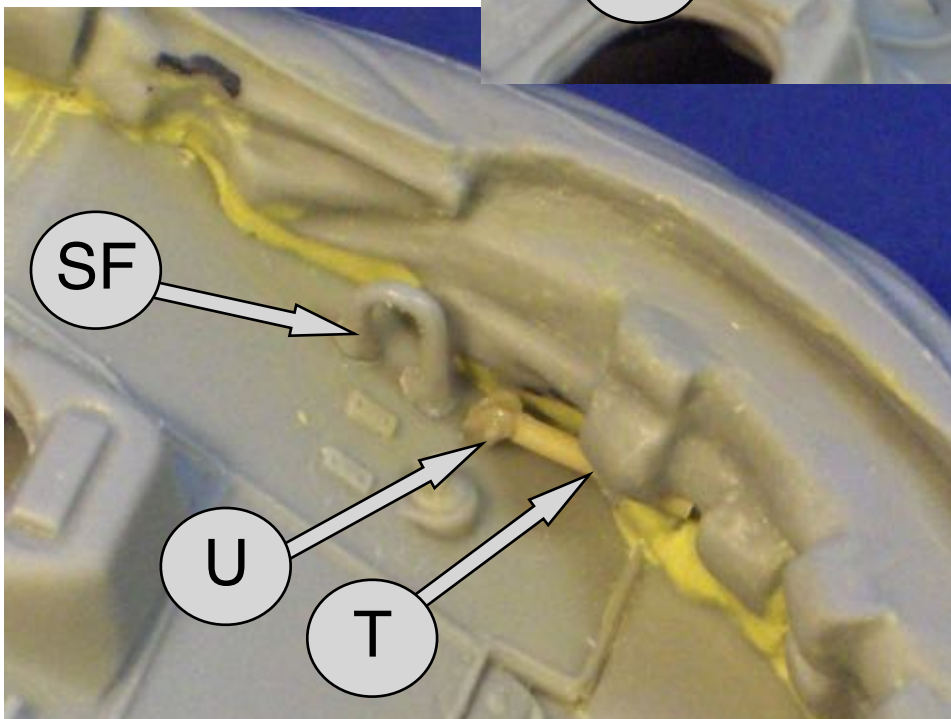
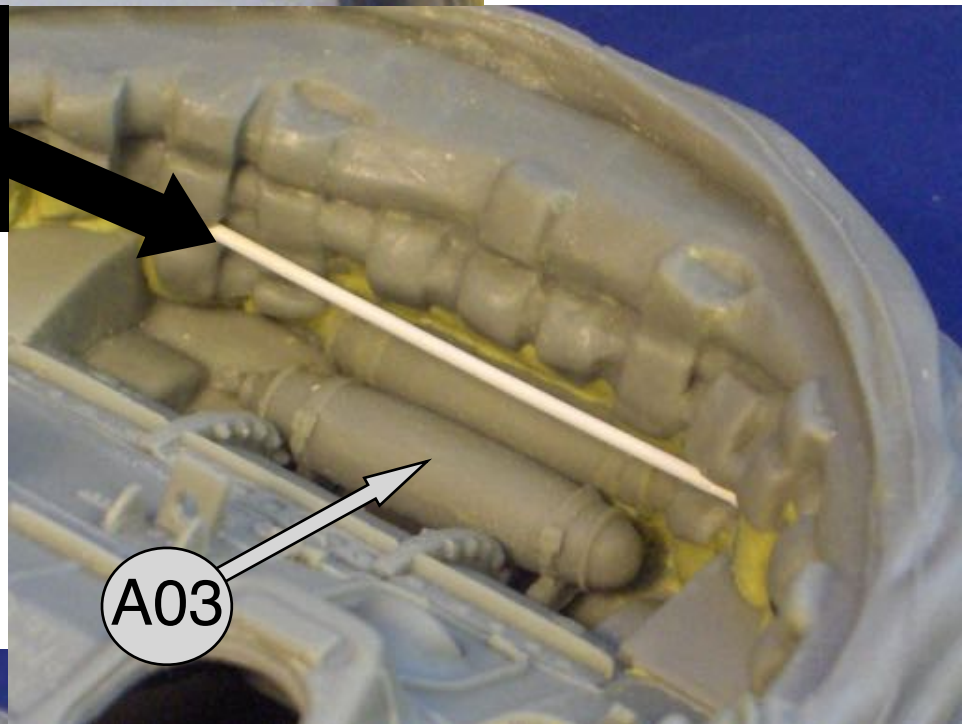


It will be necessary to fill in any gap between screen and hull. This can be done with an epoxy putty such as Milliput.

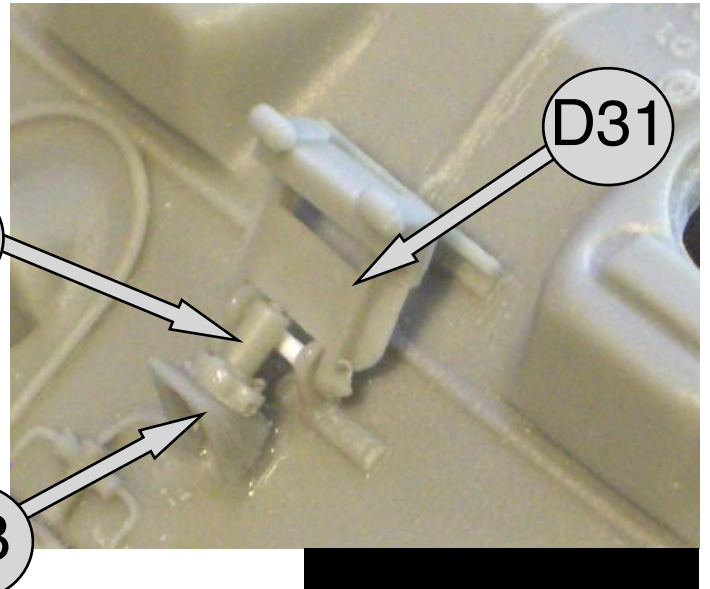
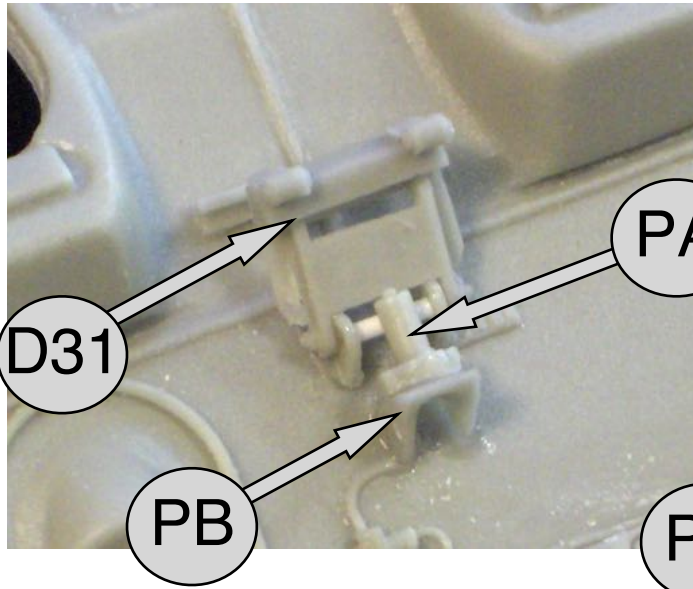




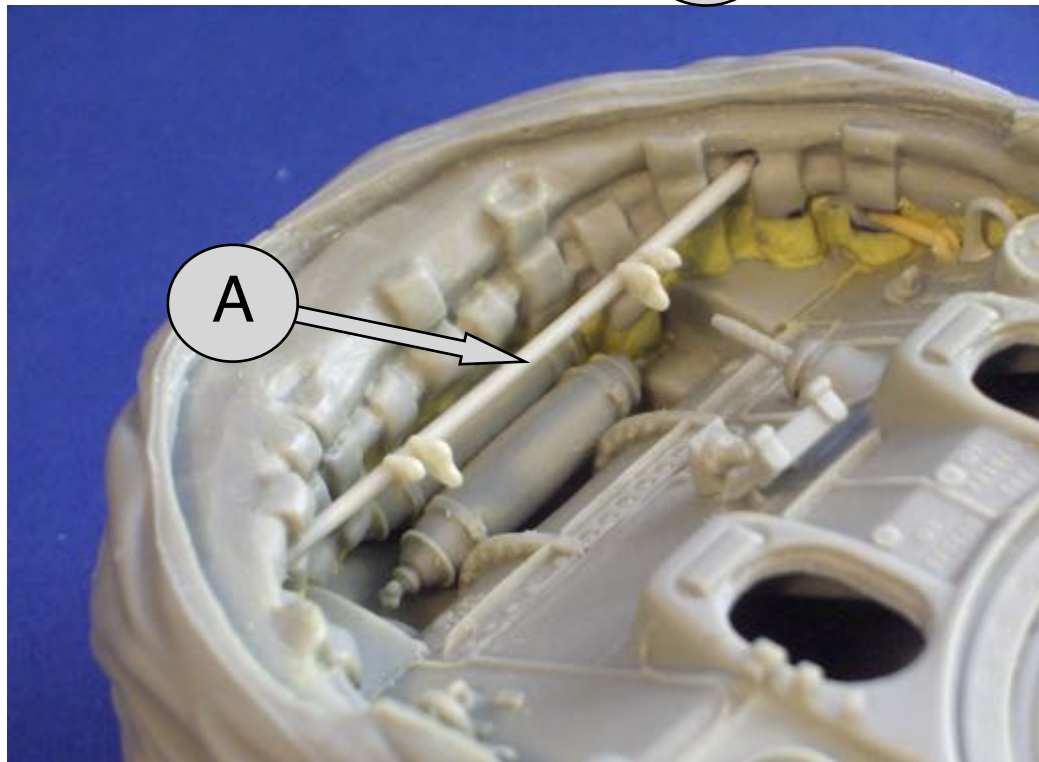
Place lower cross beam using 1.2mm brass rod.



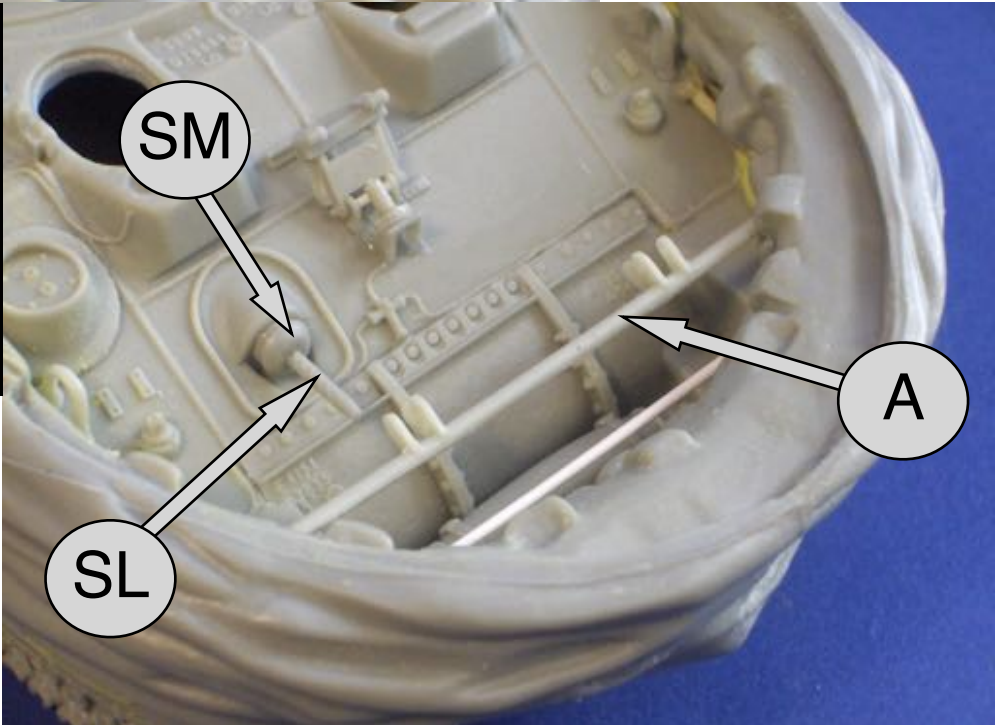
Cut strut T to necessary length.

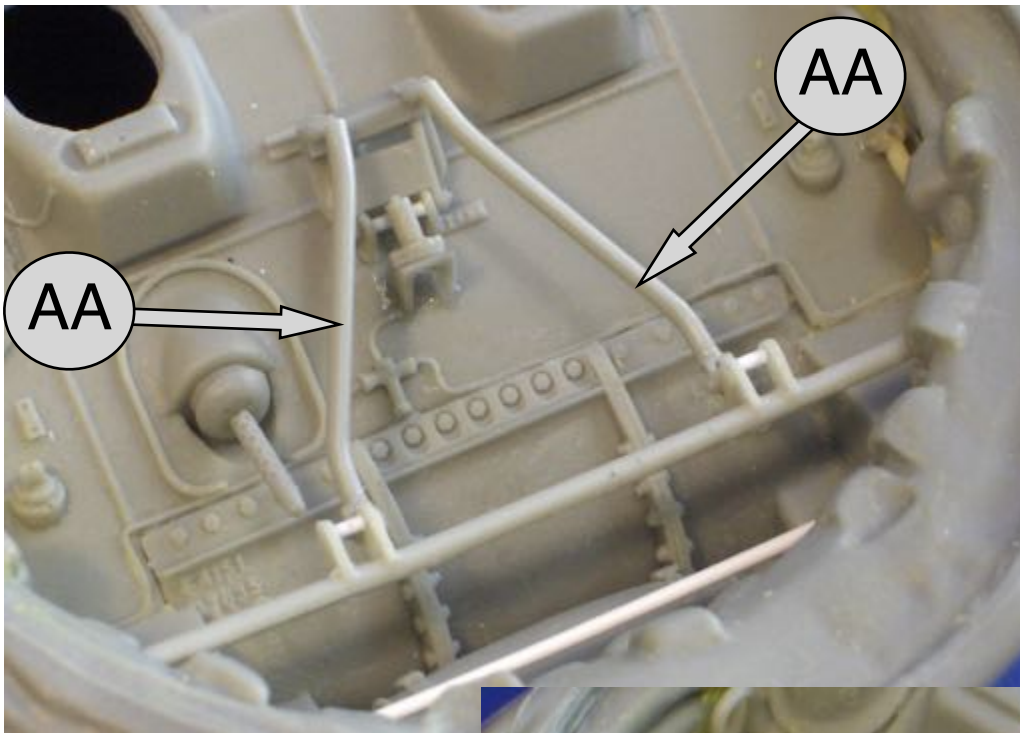


Place a length of plastic rod into brackets featured on hull for D31.

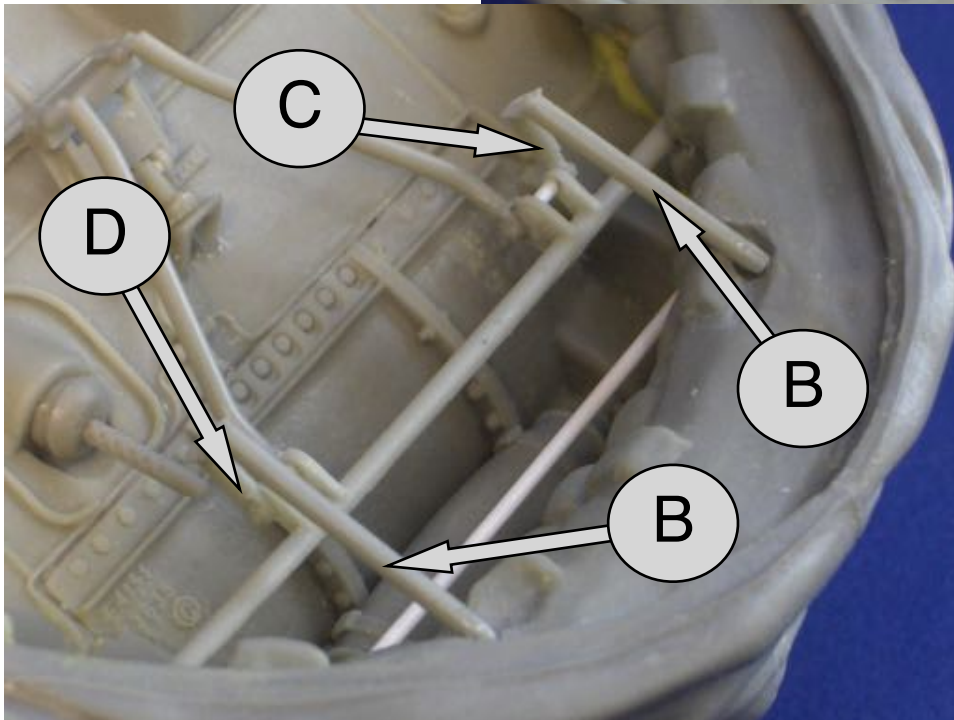


Place upper cross beam A making sure that it is centered. Note position of brackets, they face « downwards »

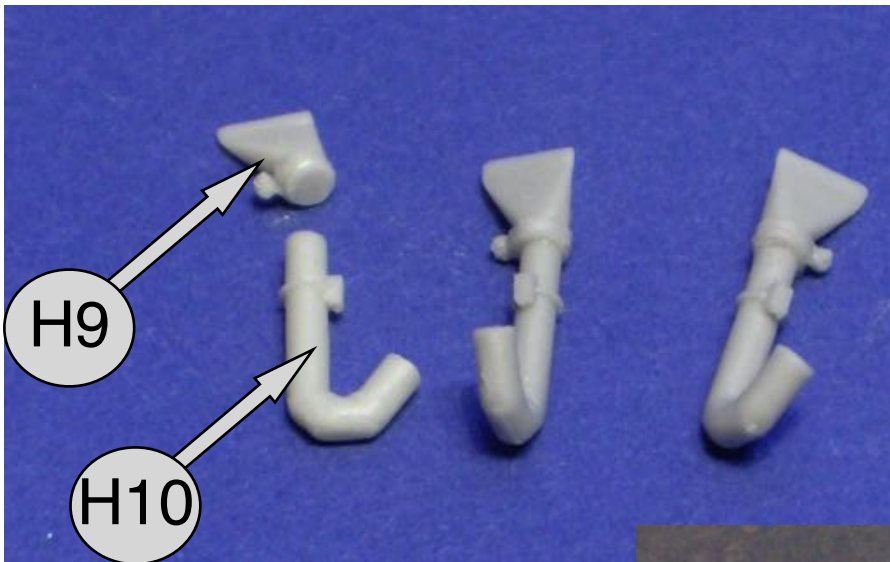




Place a length of plastic rod between brackets featured on cross beam A.

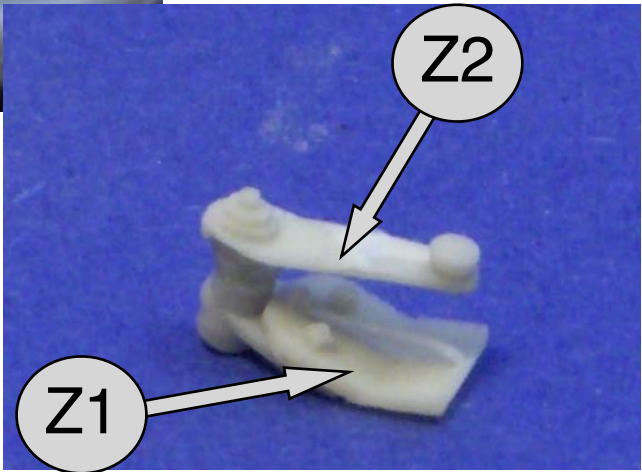
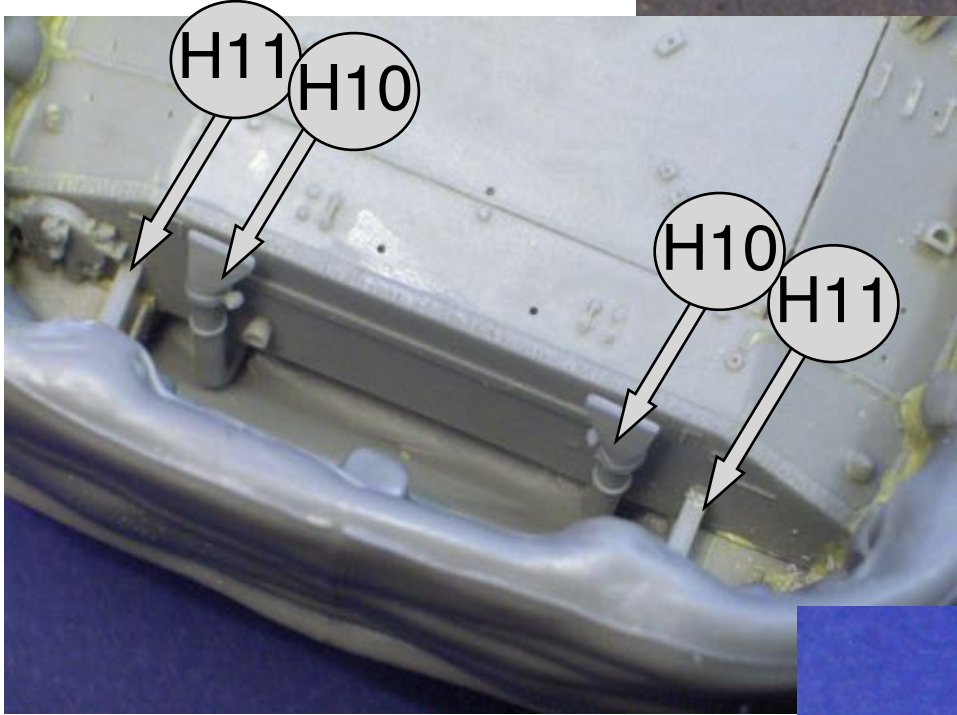
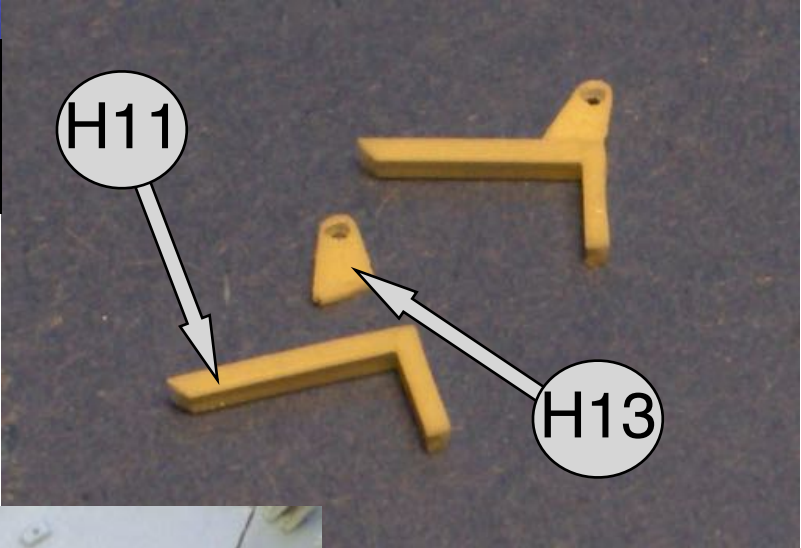


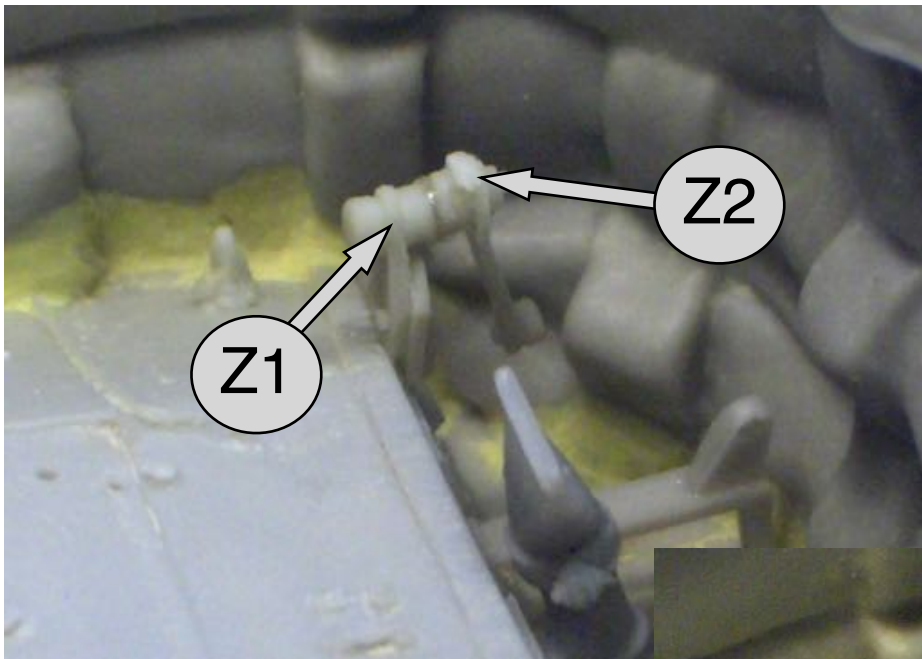
The exact length of B will depend on position of C & D.



Attach top of exhaust H9 to exhaust pipe H10. Note the two different directions of upper part.

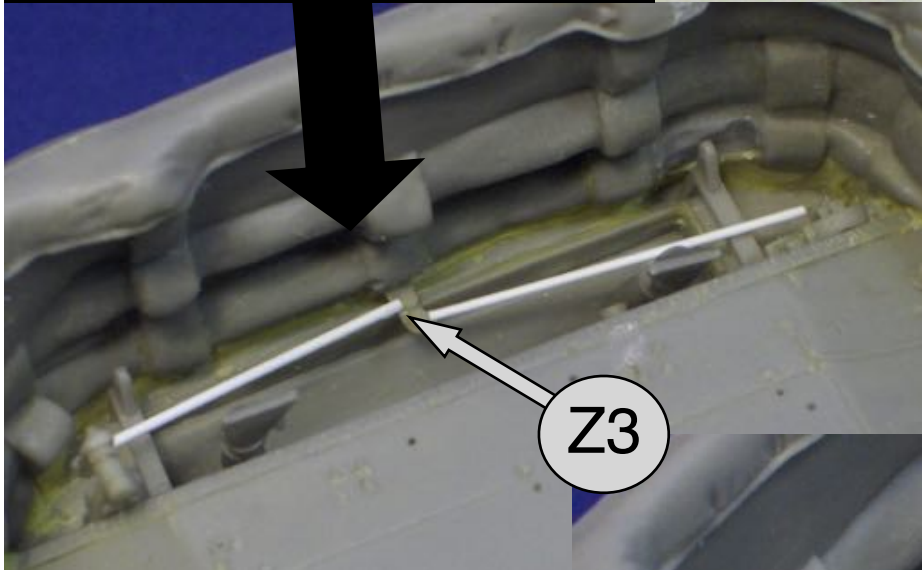
Attach bracket H13 to end of support frame H11.



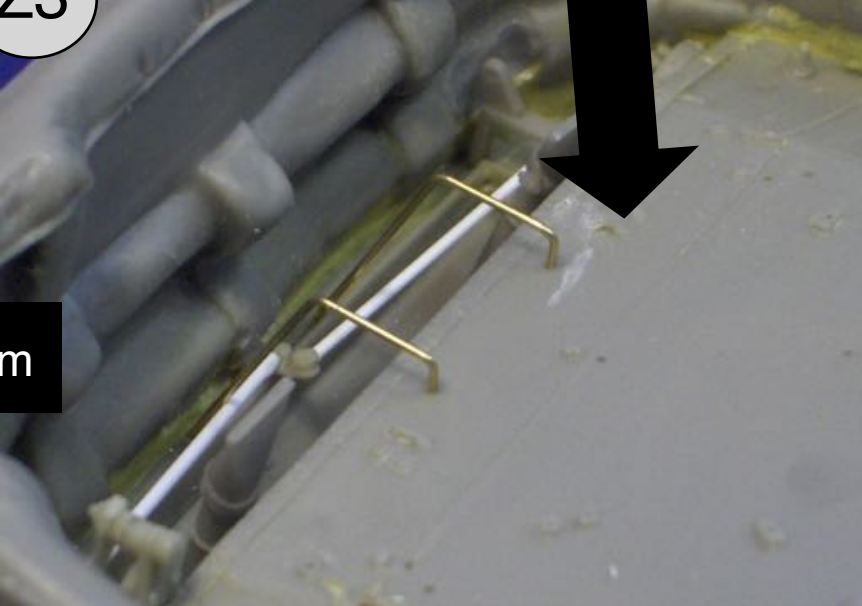
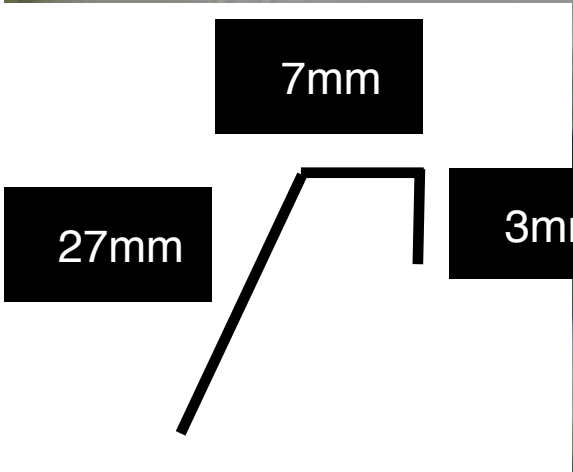


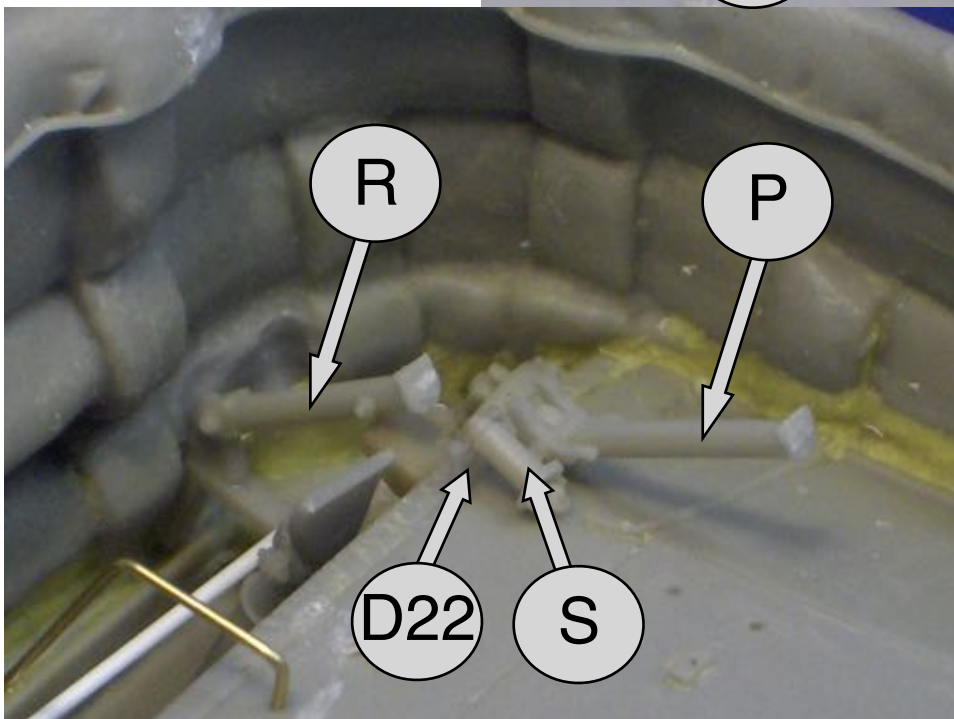
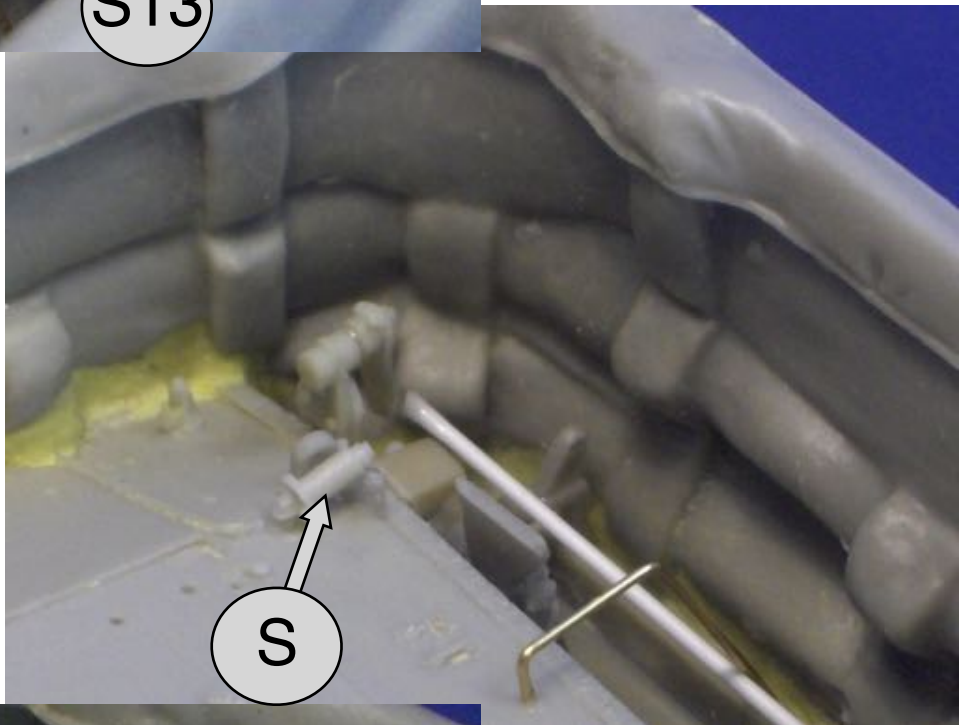
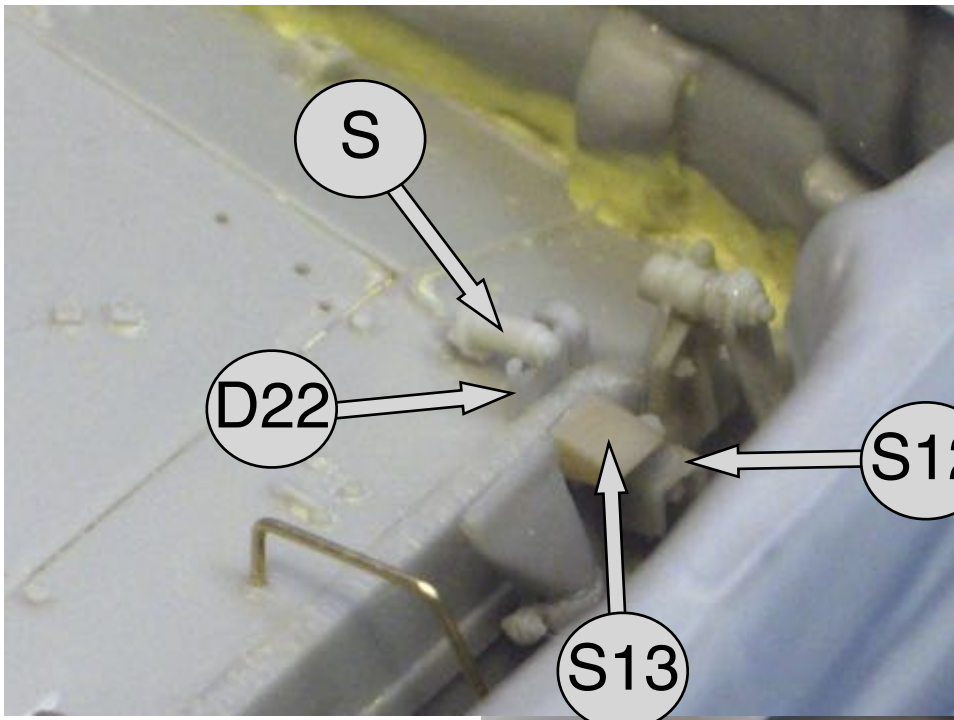
Attach steering arm to upper rear plate.

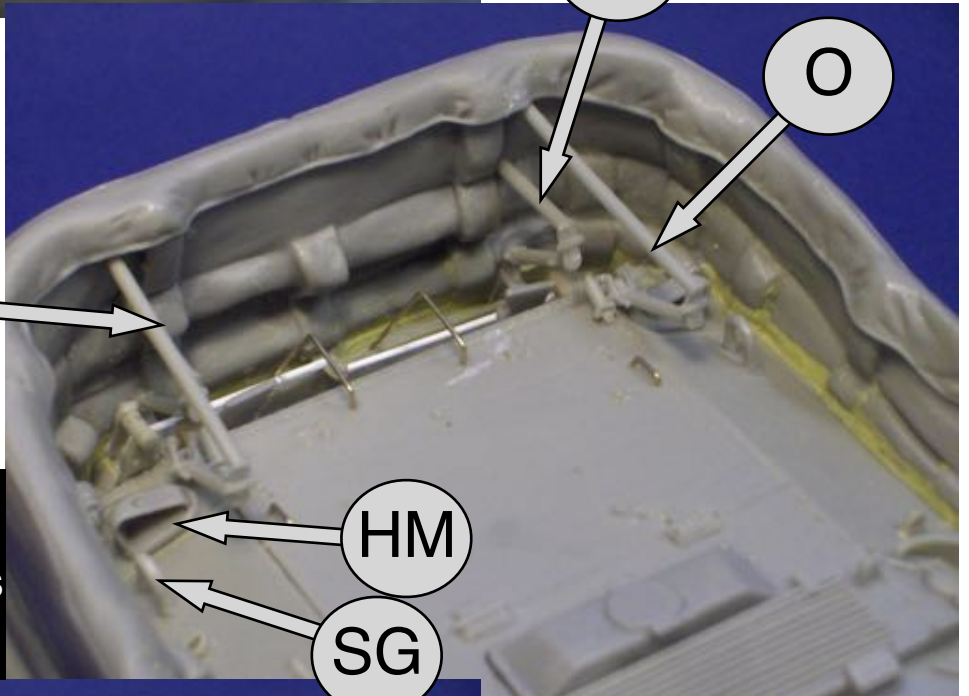
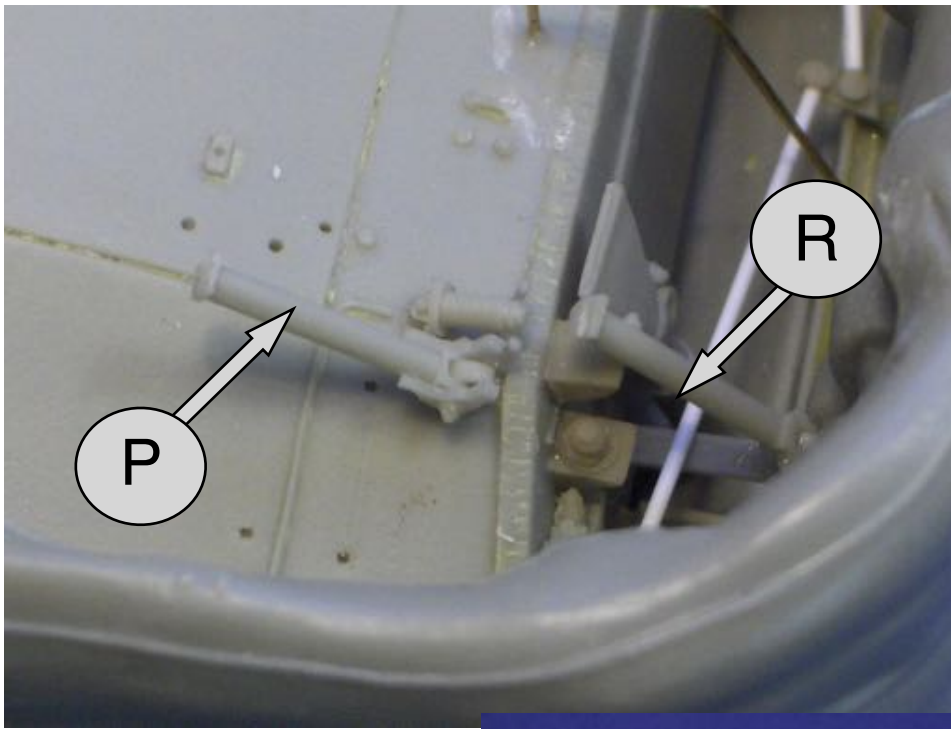
Make steering link rods from 0.75mm rod approx 26mm long and attach to end of arms Z2 & Z3 and to Z3 and take over featured on rear plate.



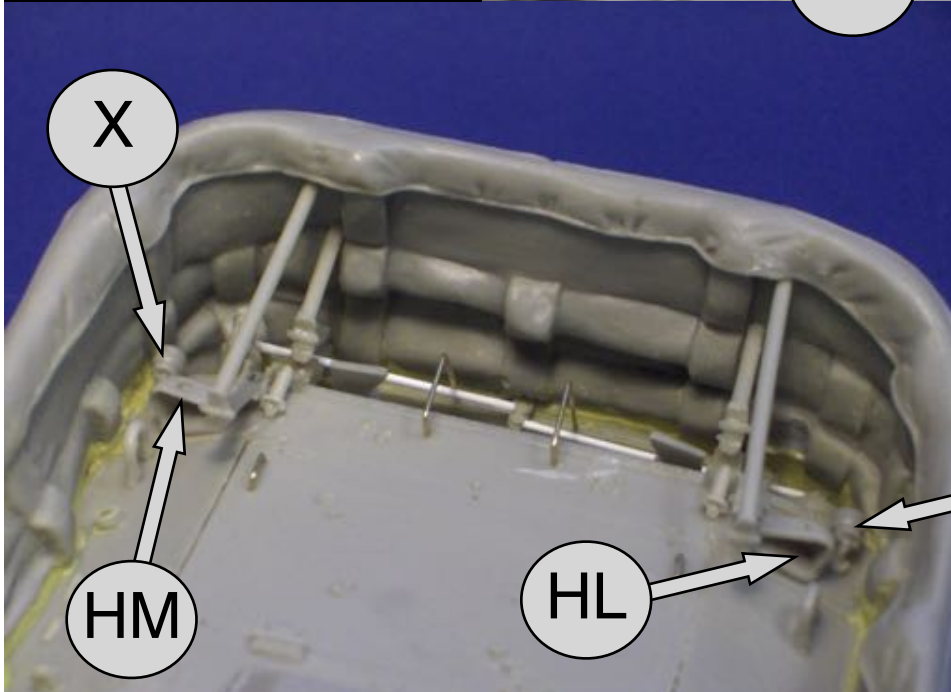
Make protection guards from brass rod provided. Refer to drawing for dimensions.

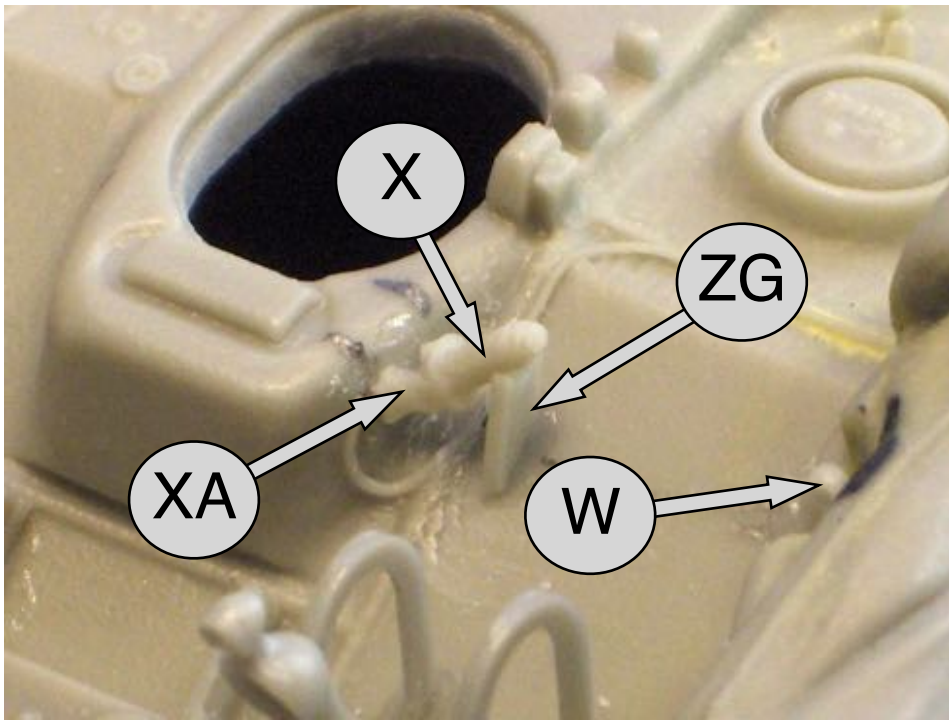




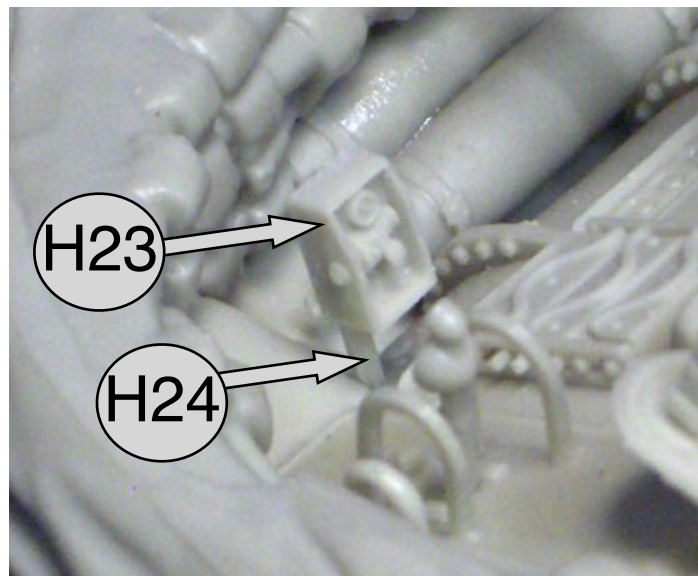
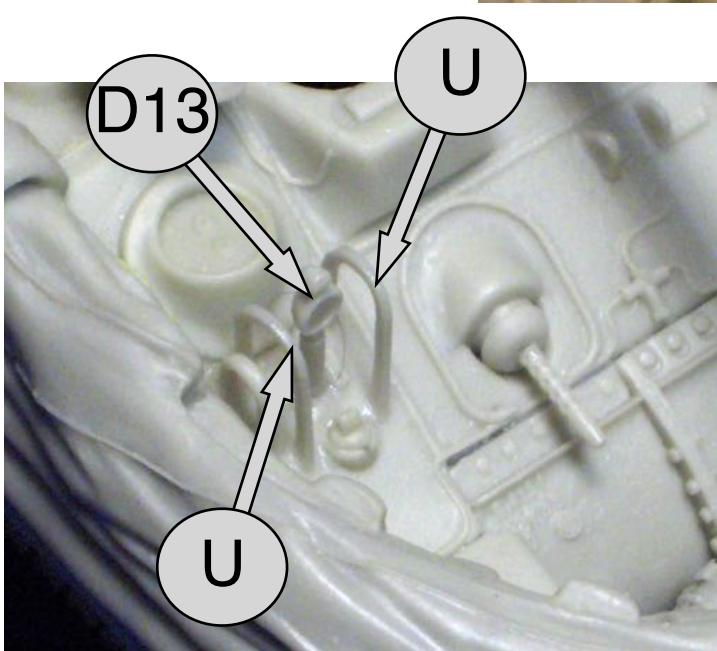
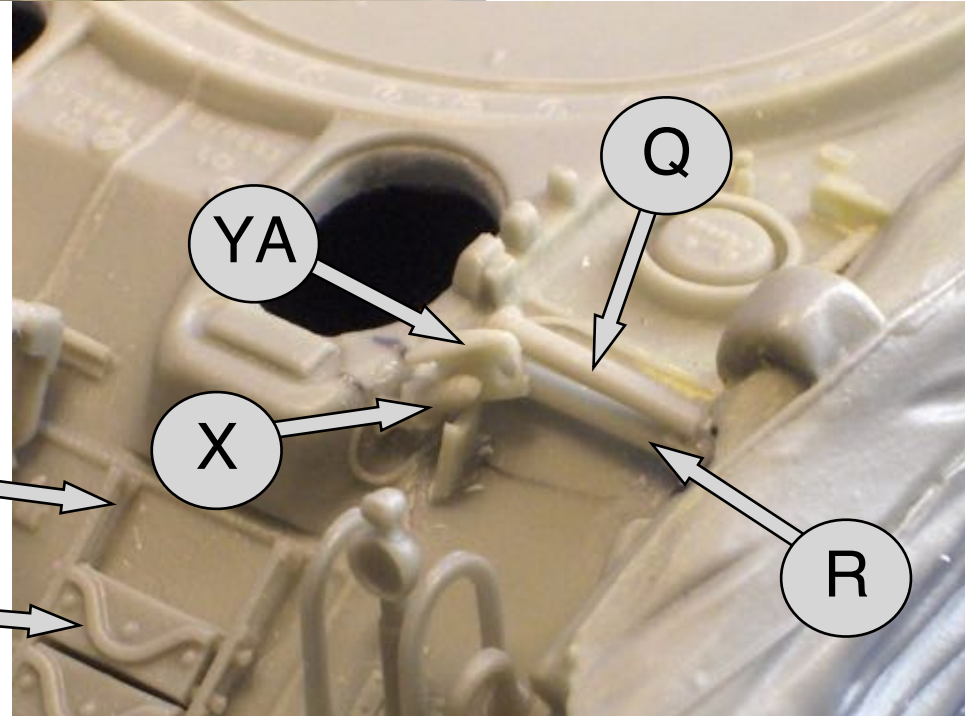
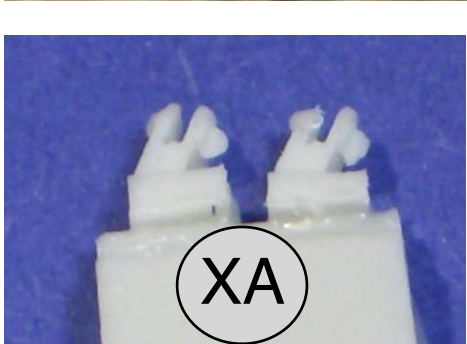


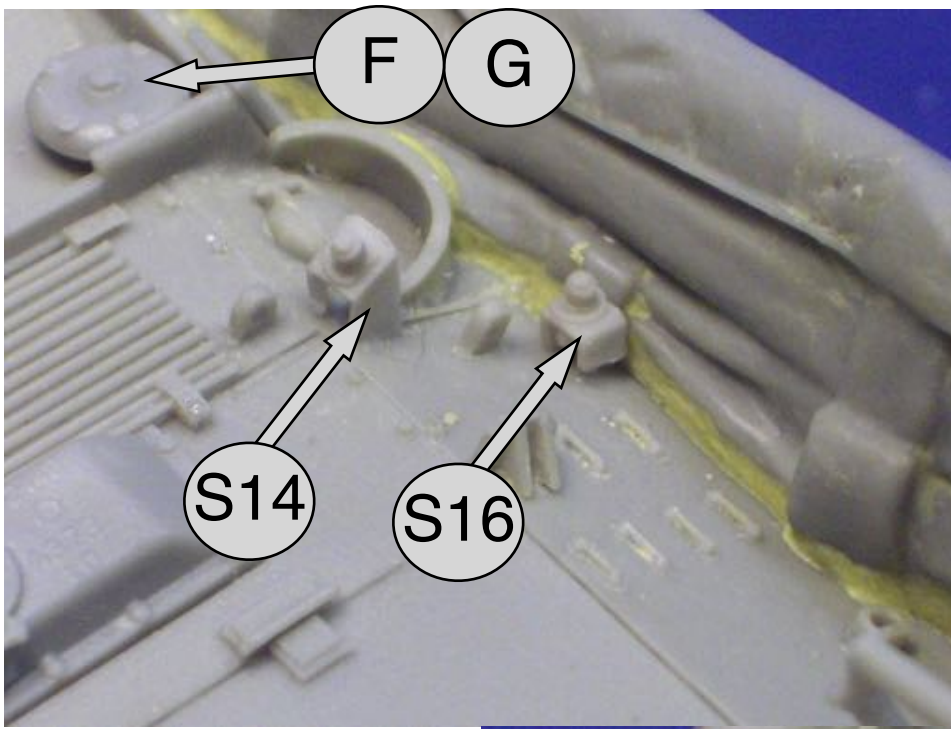
Make lifting handle for engine deck from brass rod.



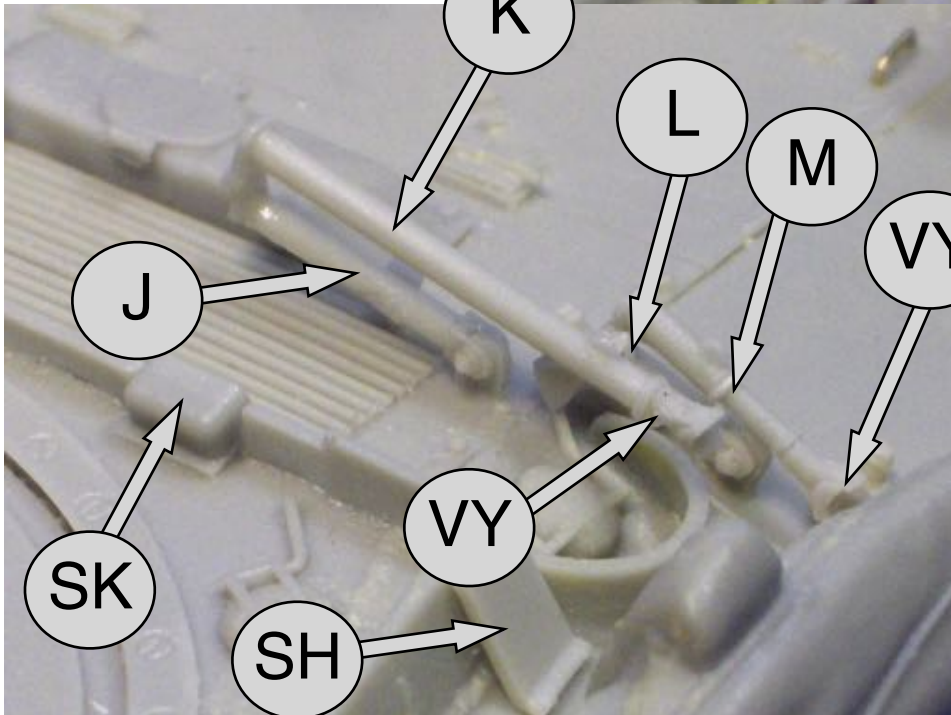
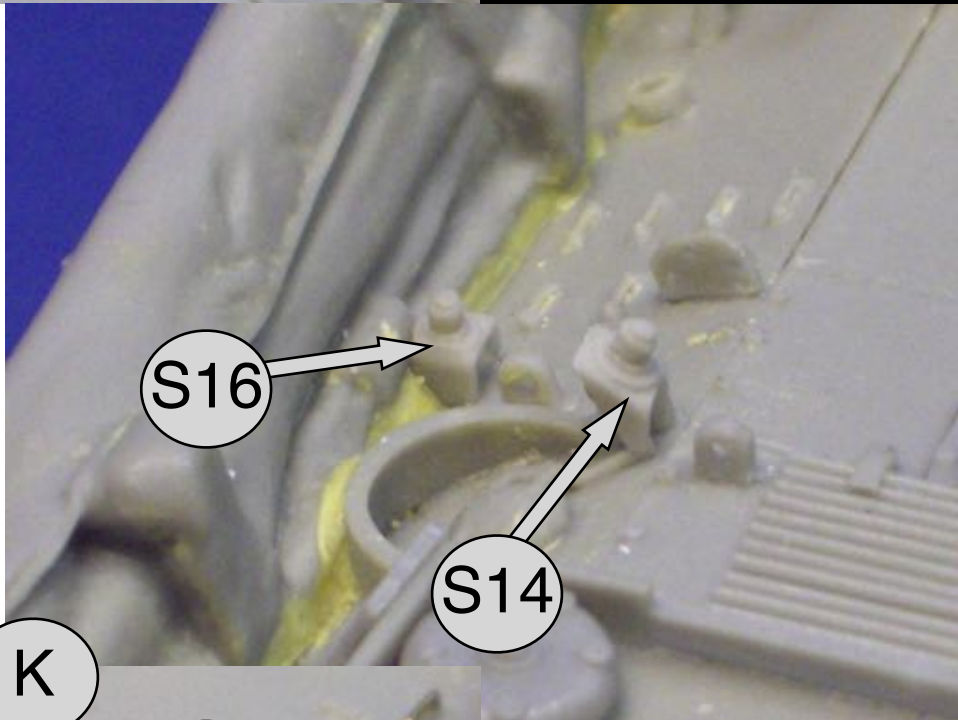


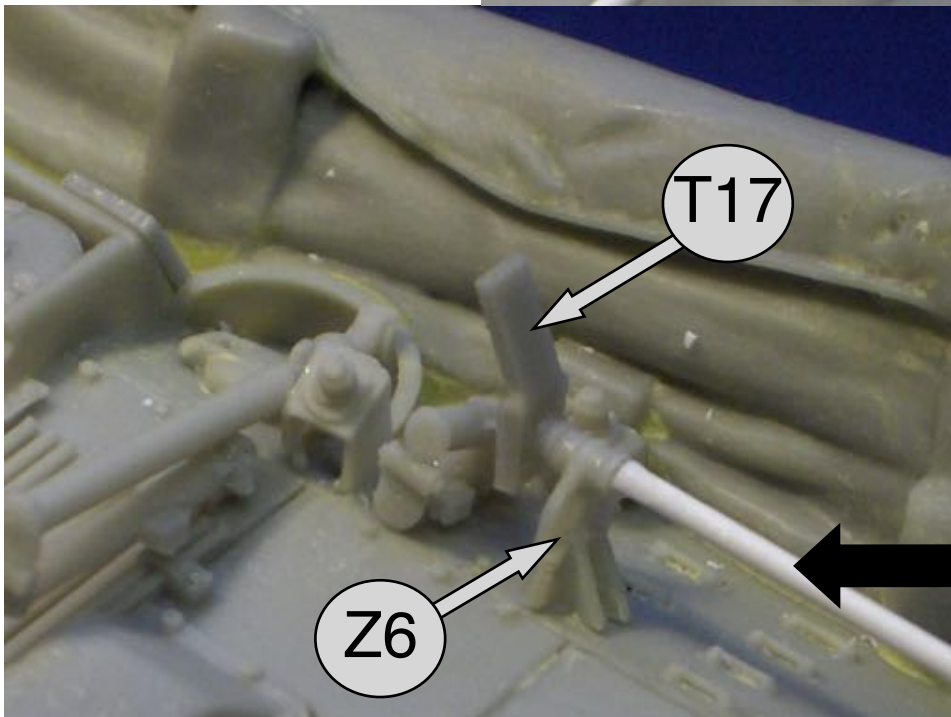
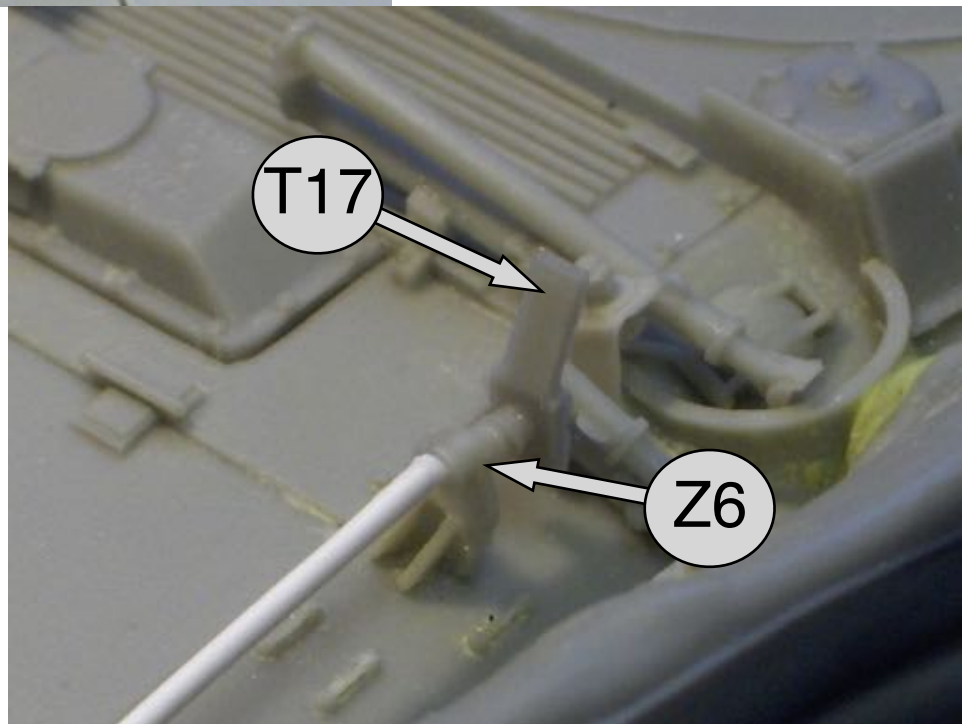
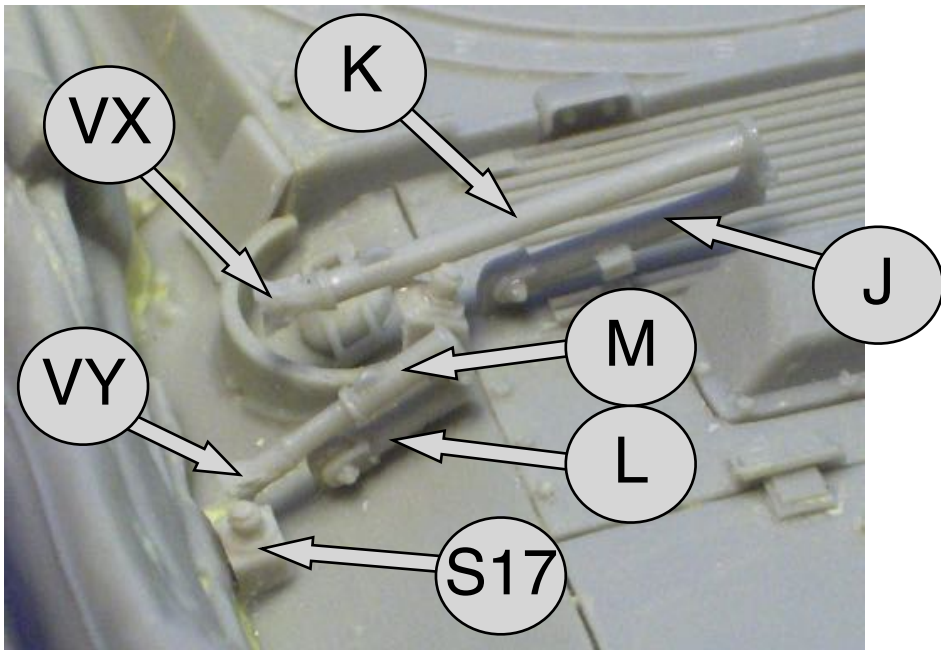
Right support bracket ZF is shorter than ZG as it fits onto radio pod. Protection plate is YB. Other parts W,Q & R are the same as shown at left.



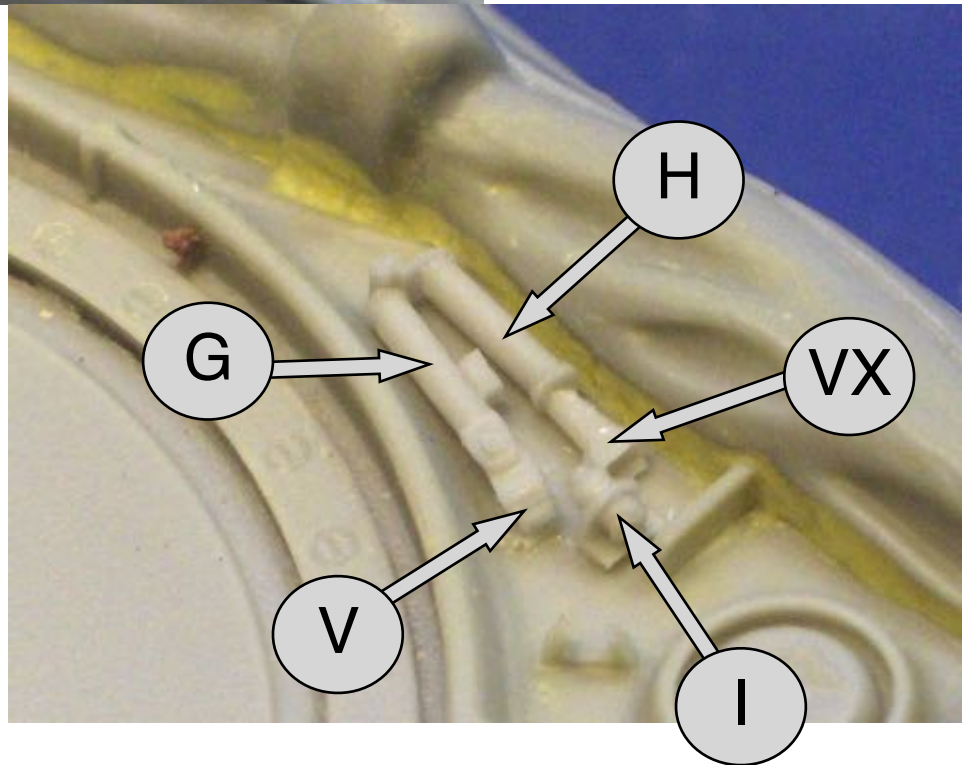
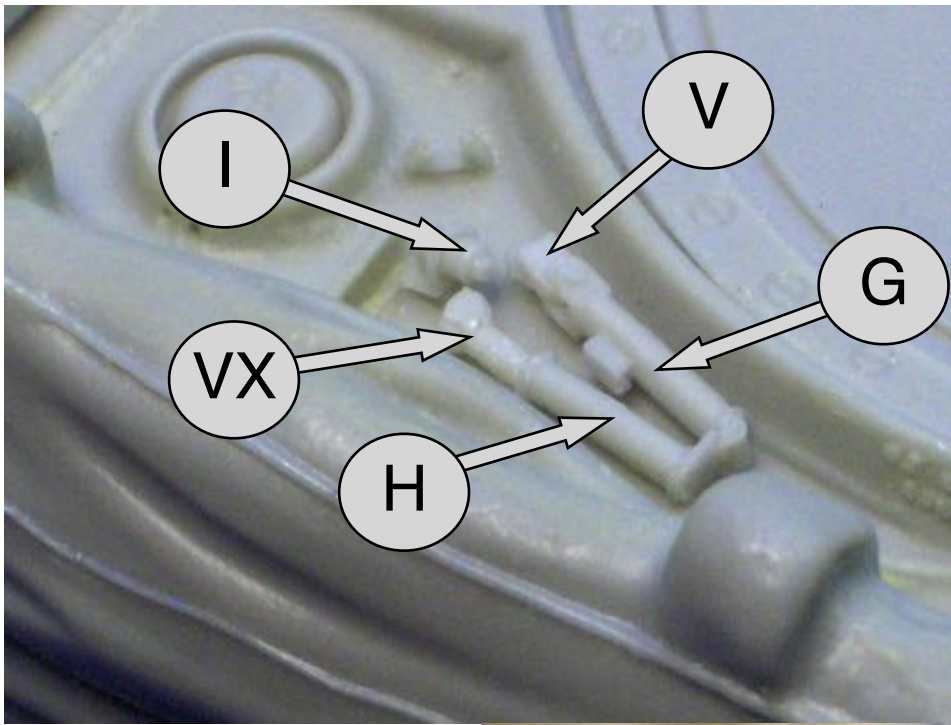


Use F or G. G has a fixation for a grab handle when used.
S14 fits over « petrol ring »
S14 & S16 right side,
S15 & S17 left side.

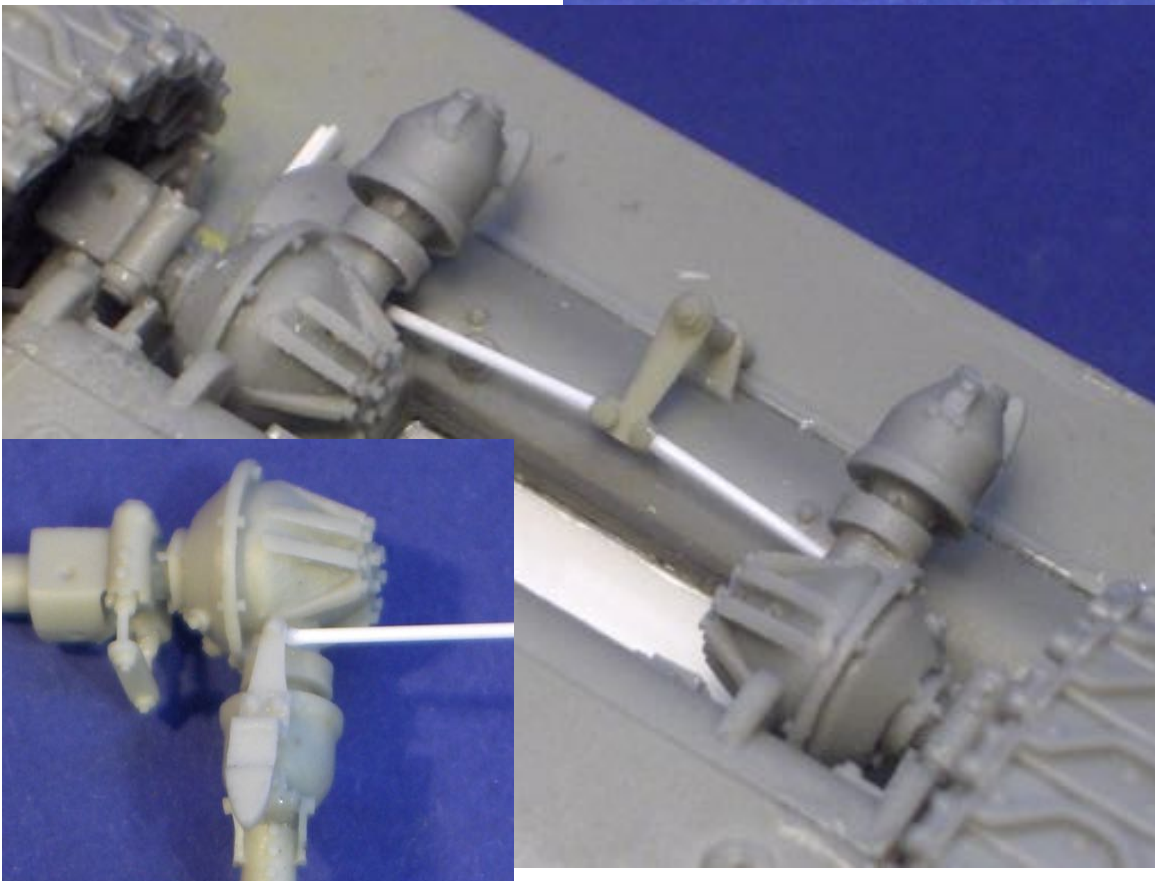
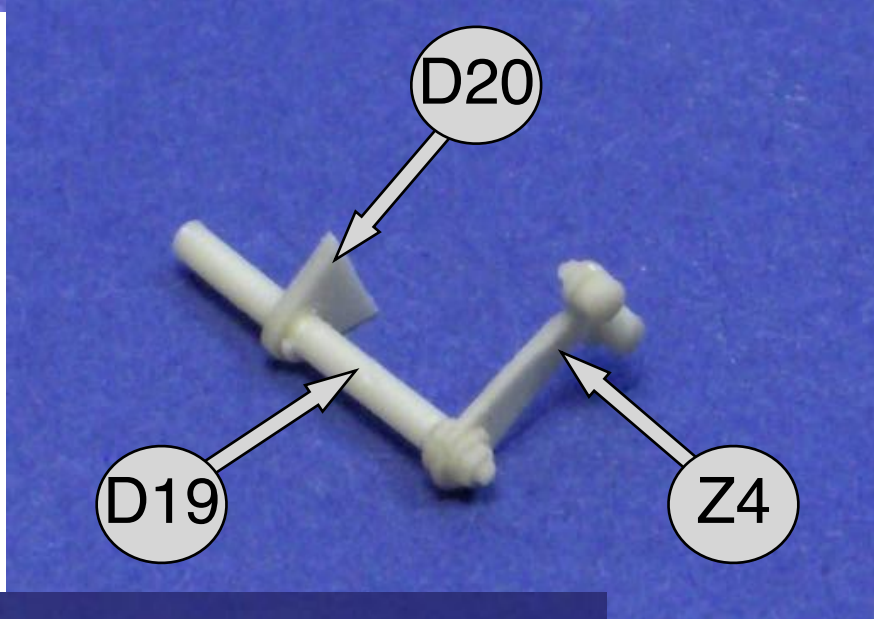
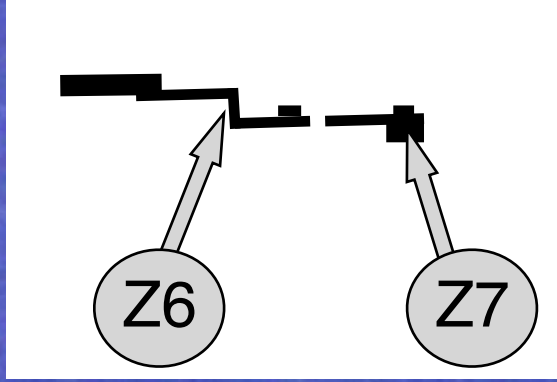
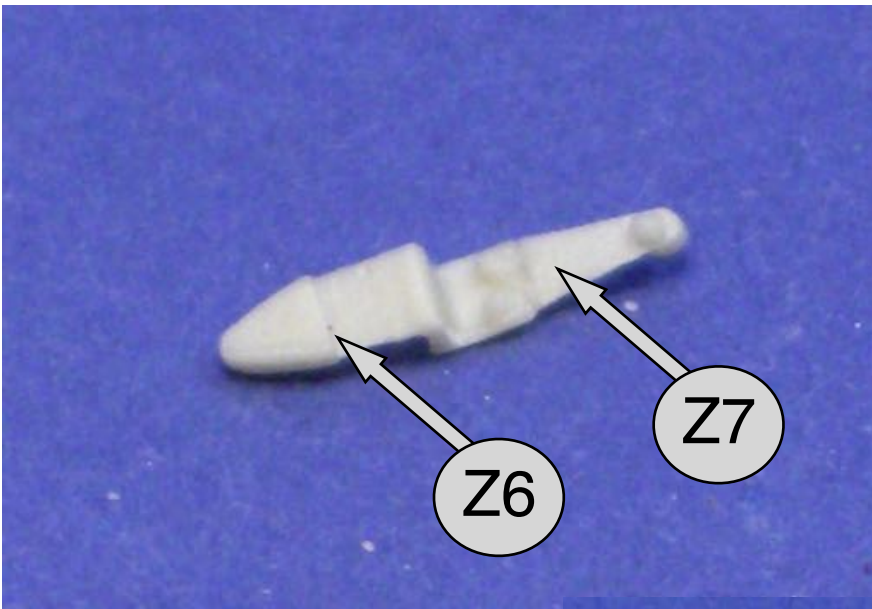


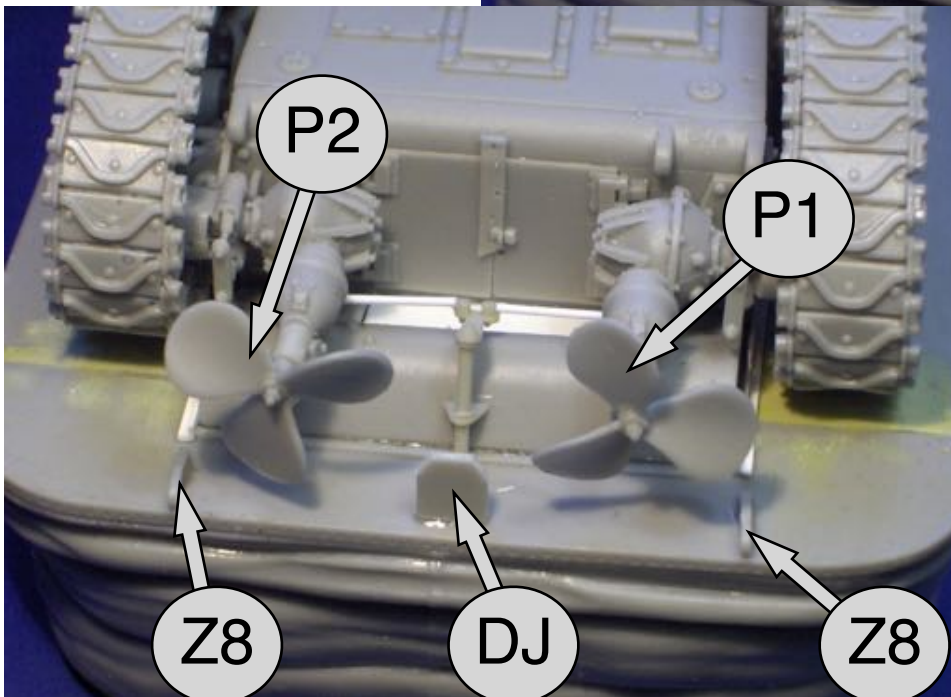
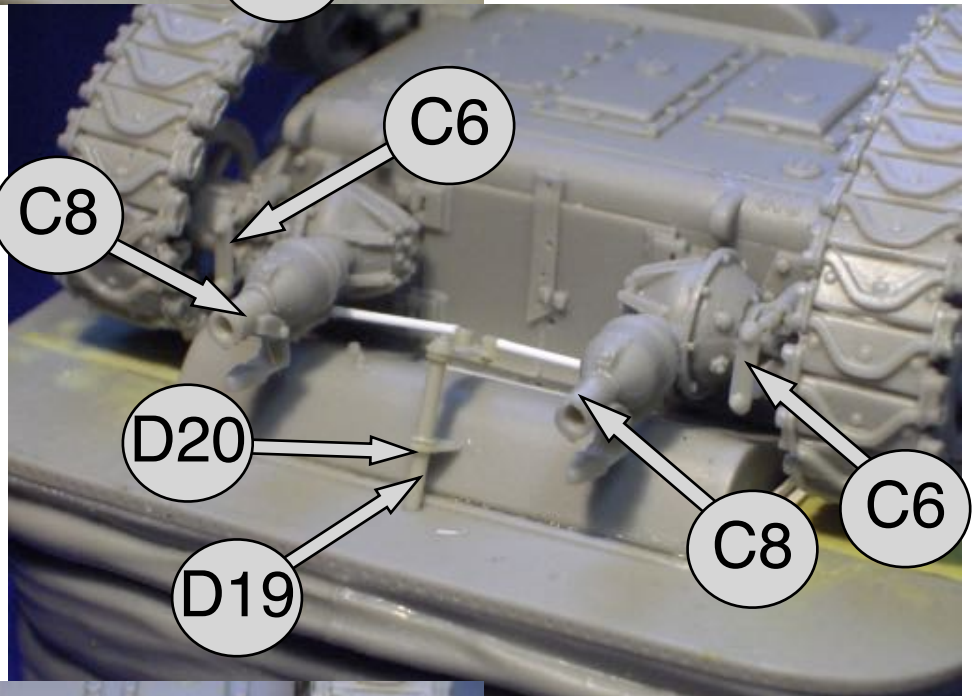
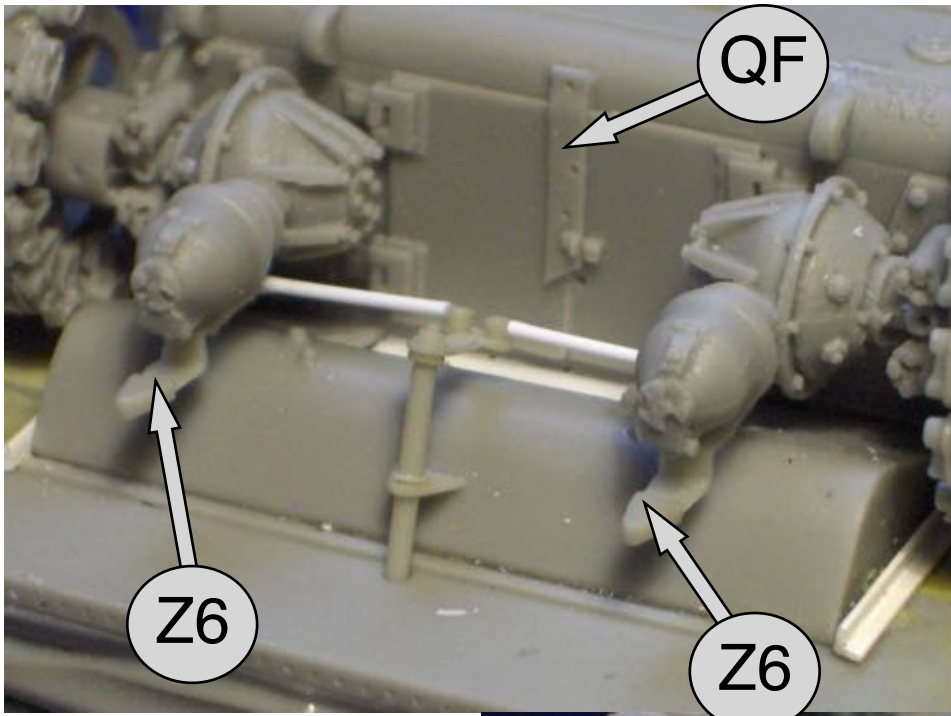


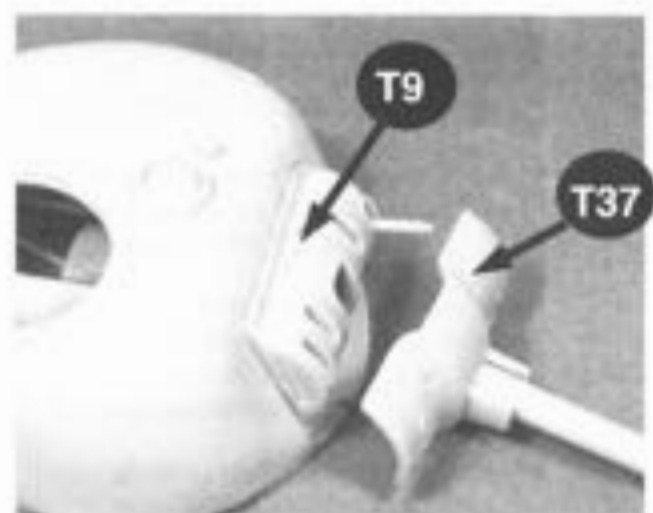
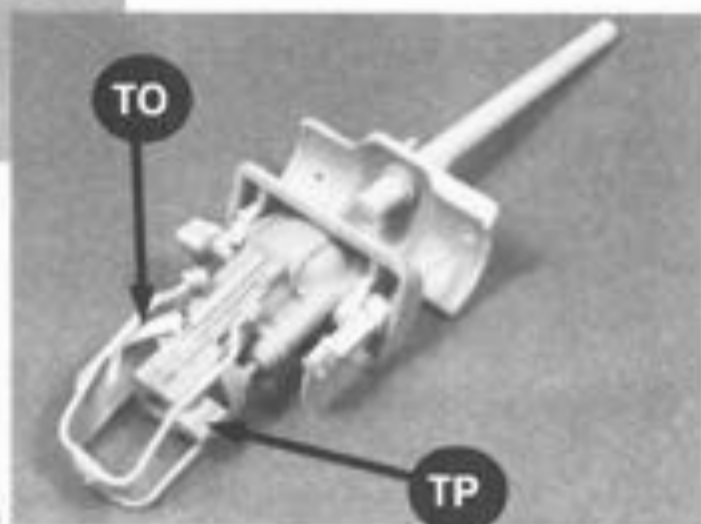
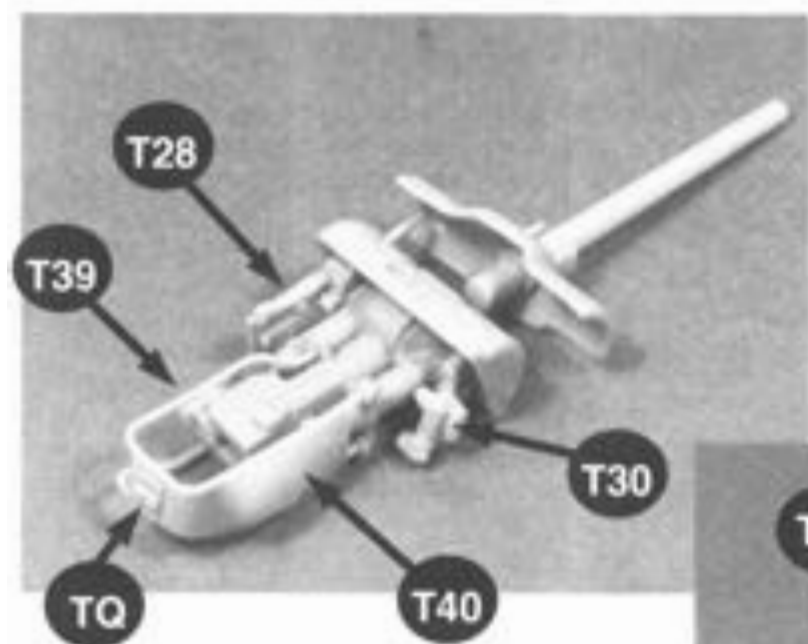
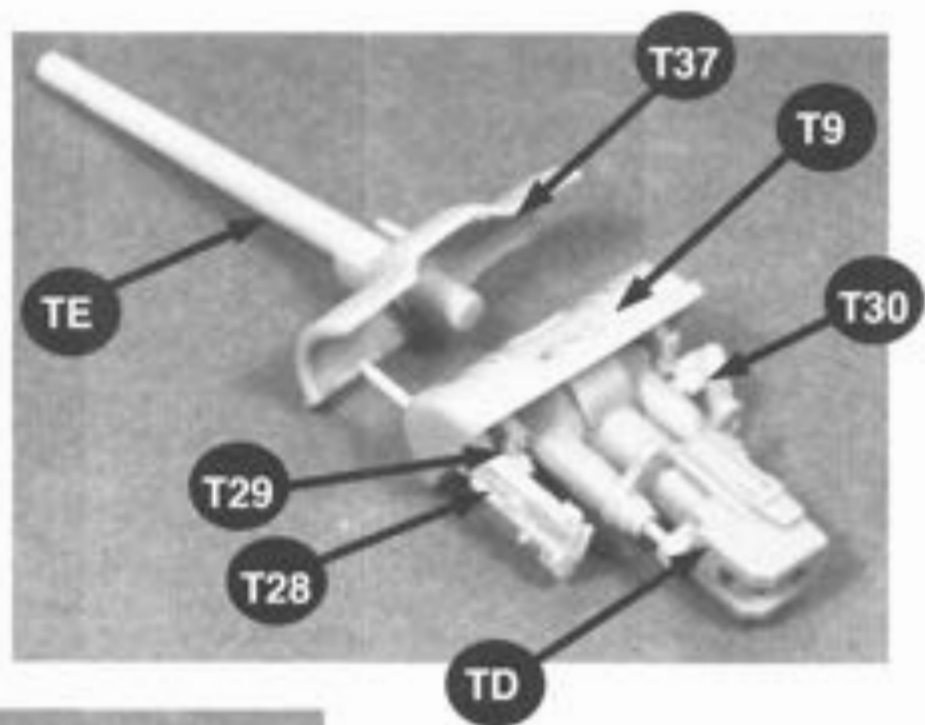
**Make connecting arm
from 0.75mm rod.**



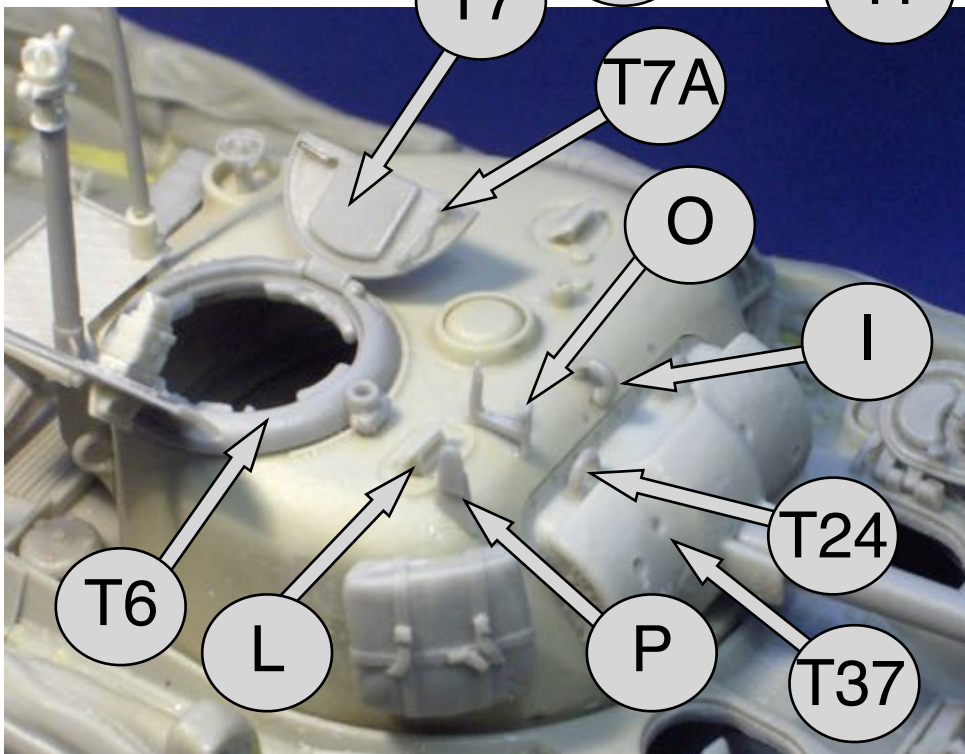
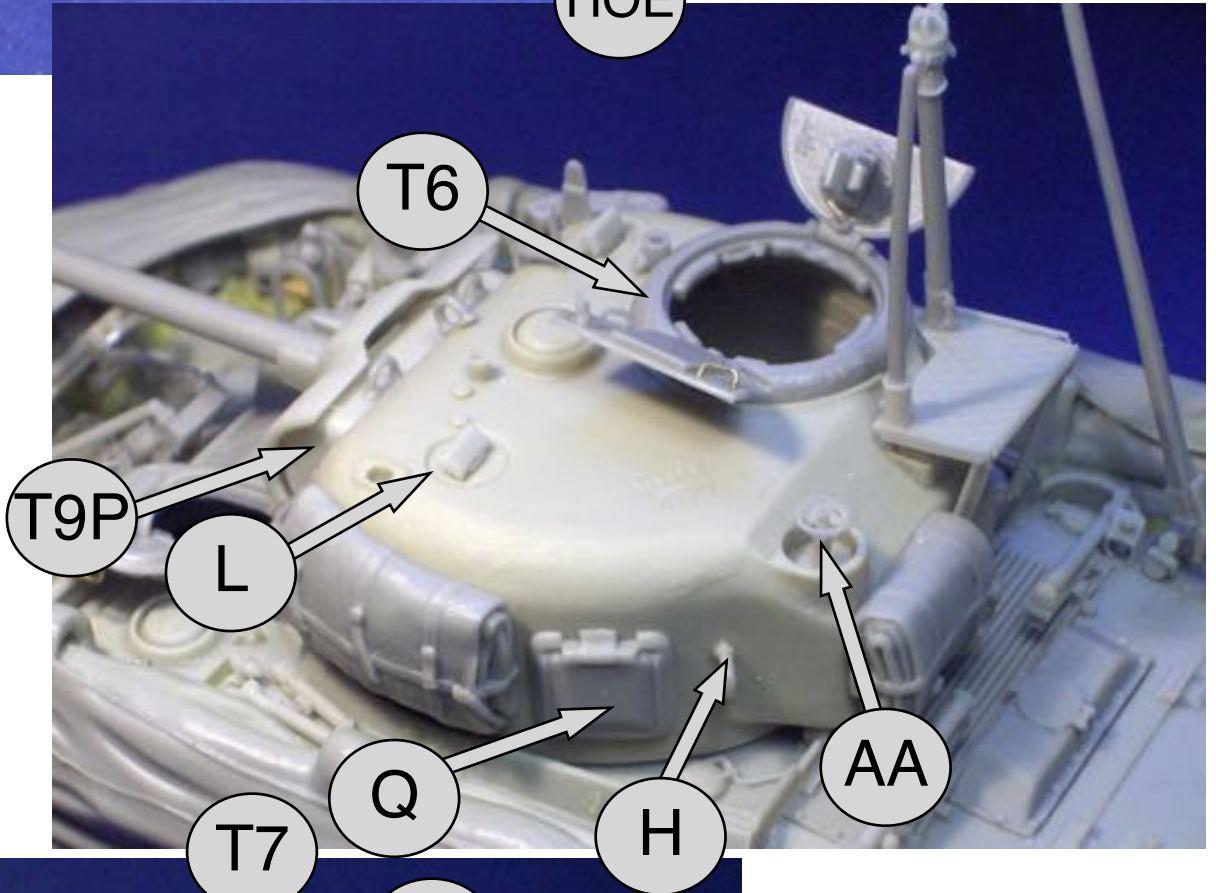
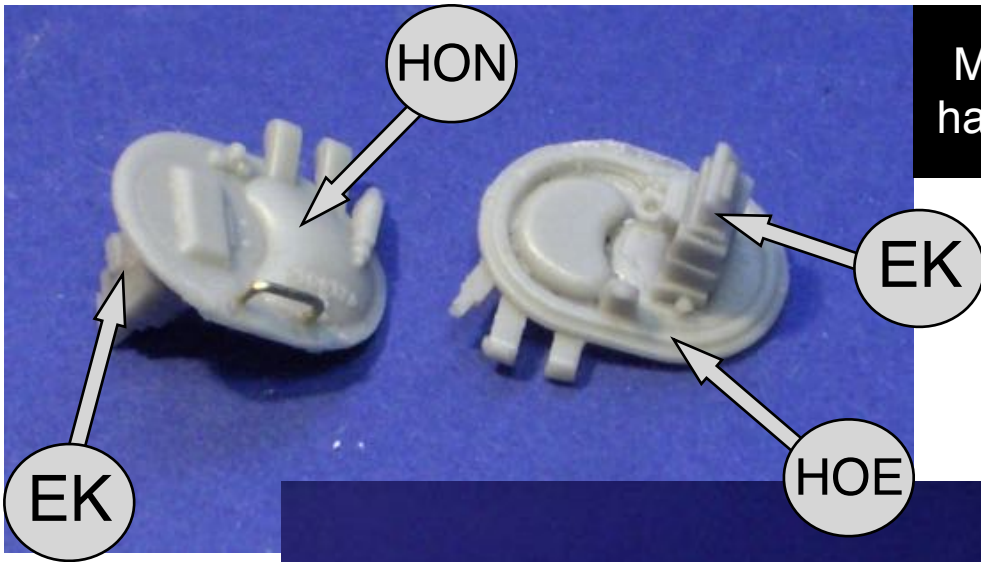
Parts Z?? & Z?? are attached end to end. Note position of parts.

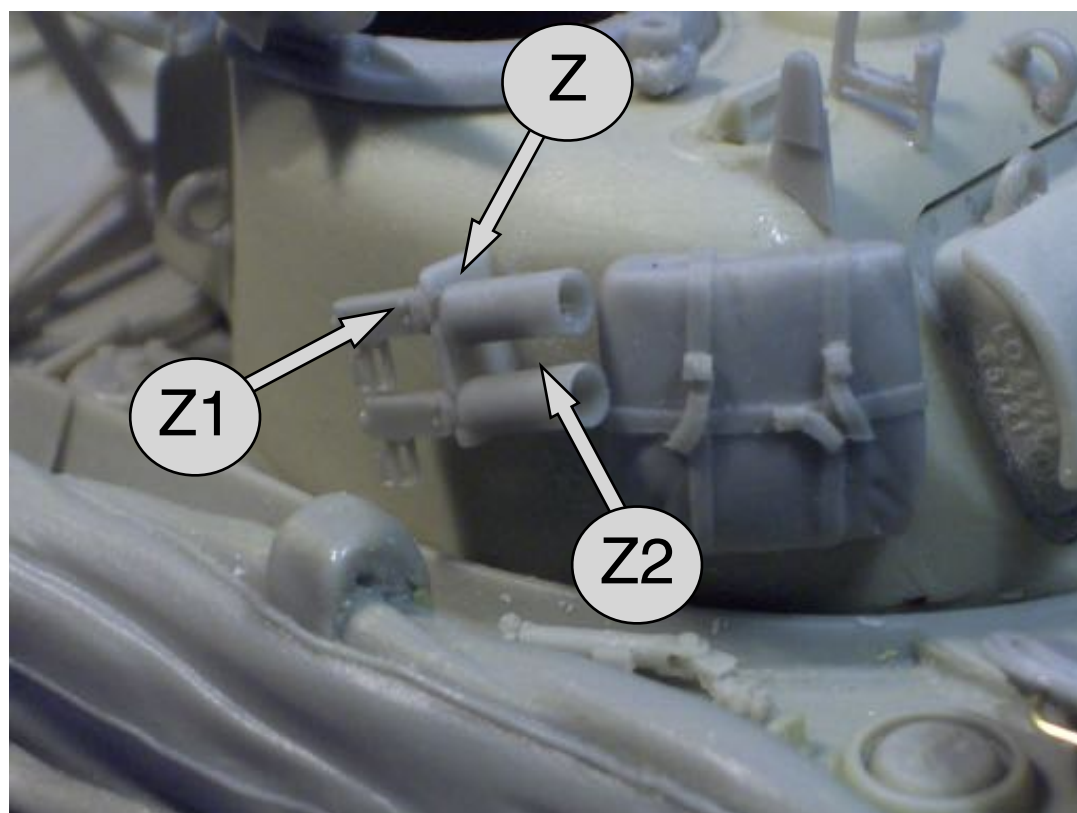
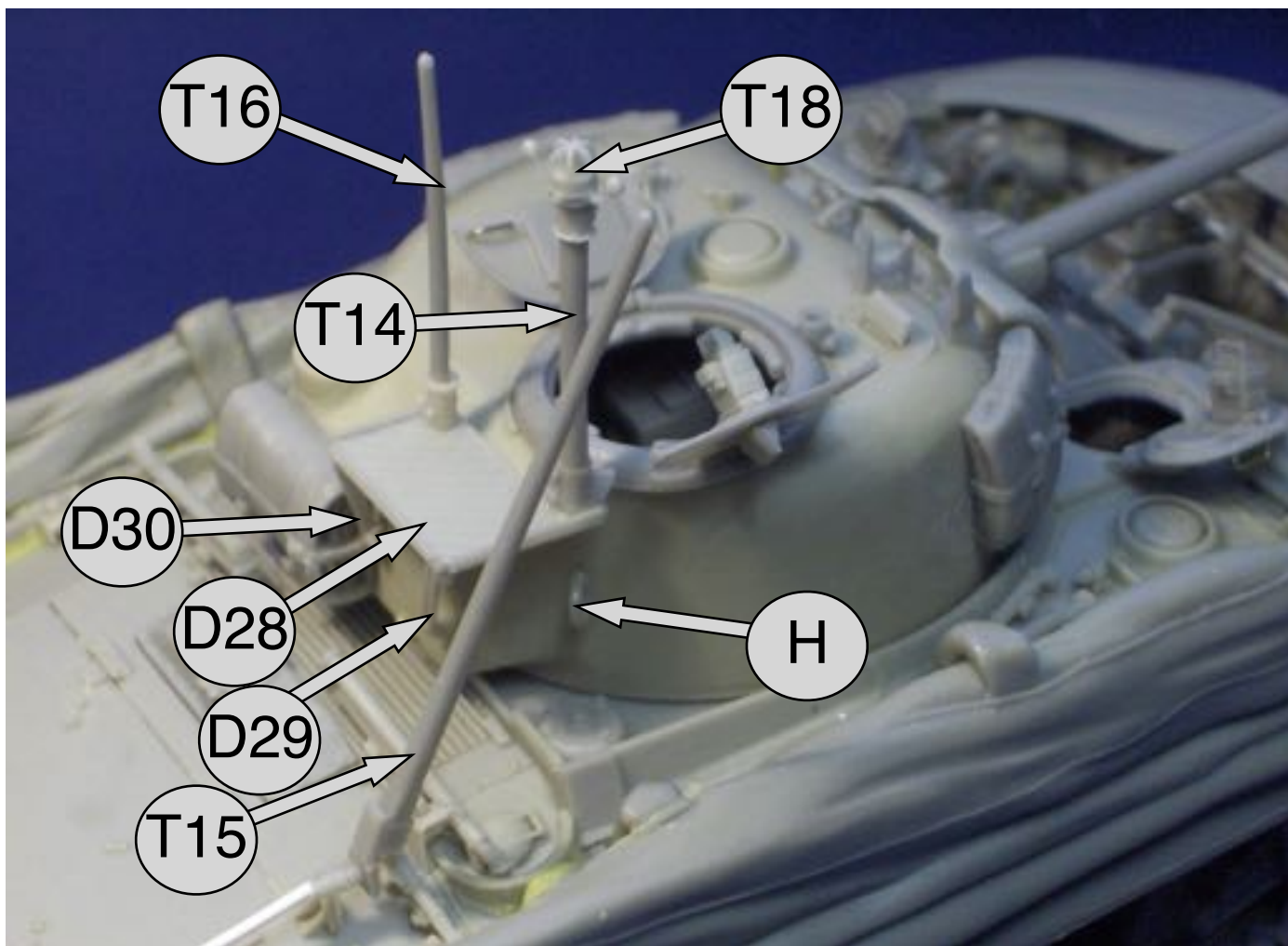


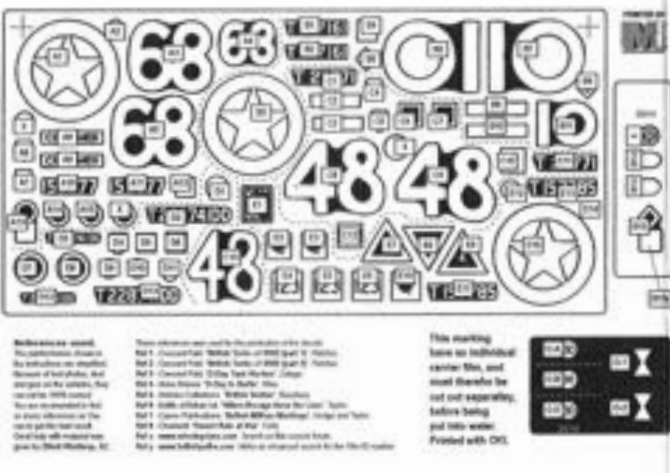
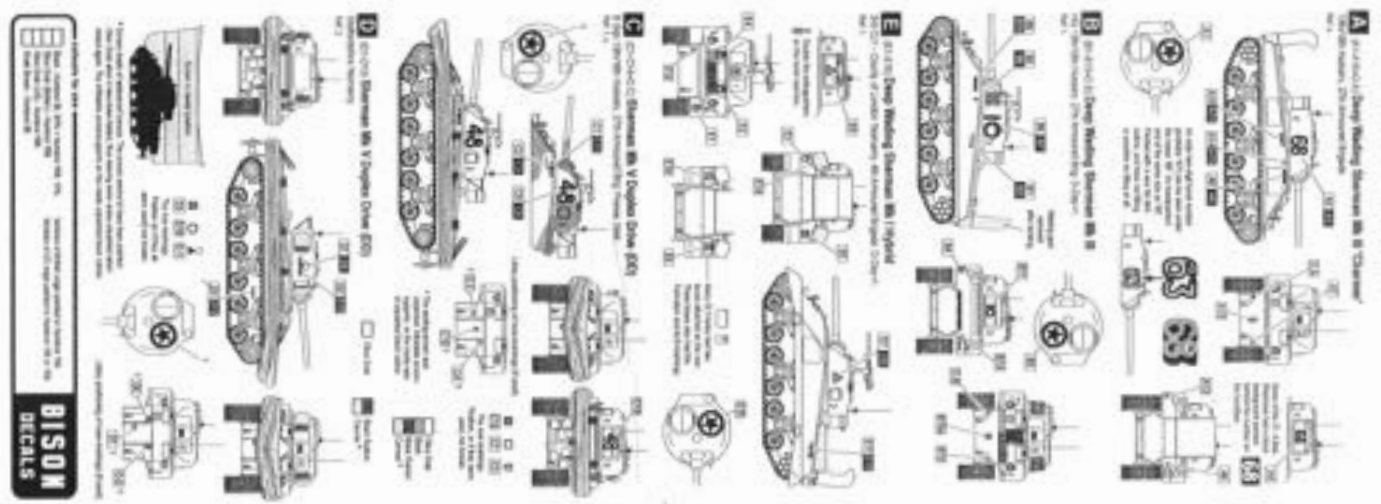




Make lifting handle for hatches from brass rod.







BISON DECALS

WW2 BRITISH SHERMANS Part 3

SWIMMING & WADING SHERMANS

1:35
Scale

Duplex Drive and Deep Wading

DECALS - TRANSFERS - ETIQUETAS - DÉCALQUES - ANZEICHEN - BEKLEBUNG

BISON DECALS

BD-35014

Recommended decals for UK DD: Bison 35014