



NUCLEAR
POWERED
INTERPLANETARY
SPACECRAFT

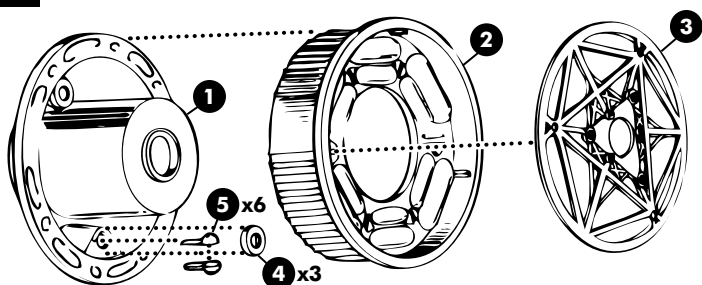
PILGRIM OBSERVER

SPACE STATION

ASSEMBLY INSTRUCTIONS

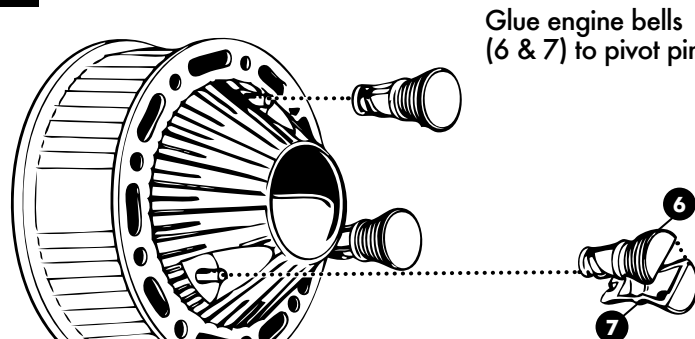
1 MAIN THRUSTER

A SUB-ASSEMBLY



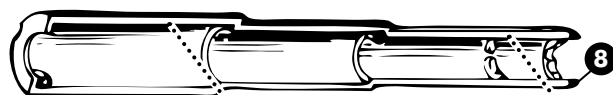
Assemble three pivot pins (5). Once dry, place them in the holes using cement to carefully attach their retainer rings (4). Do not cement pivot pins.

B SUB-ASSEMBLY



Glue engine bells (6 & 7) to pivot pins.

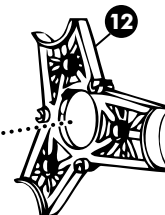
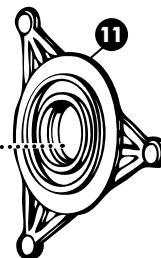
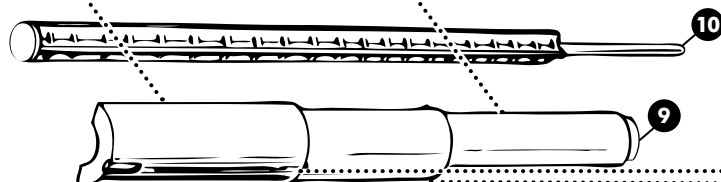
2 BACK BONE-EXTENSION ROD



Be sure to align tank supports to back bone (8 & 9) using built in tabs and slots. Do not get cement on extension rod (10). Allow it to move in and out freely.

SYMBOL KEY

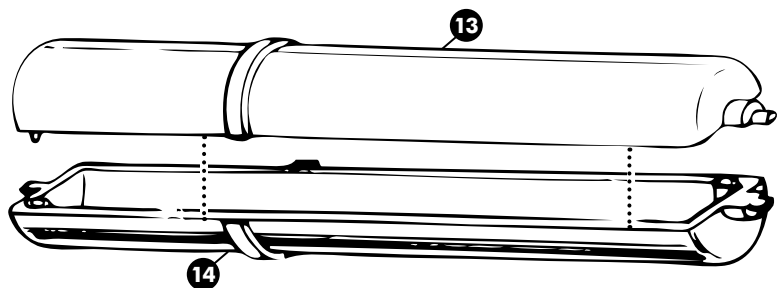
- 20 solid parts
- 101 chrome parts
- 201 clear parts



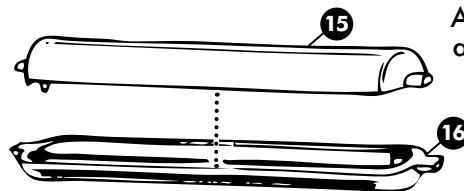
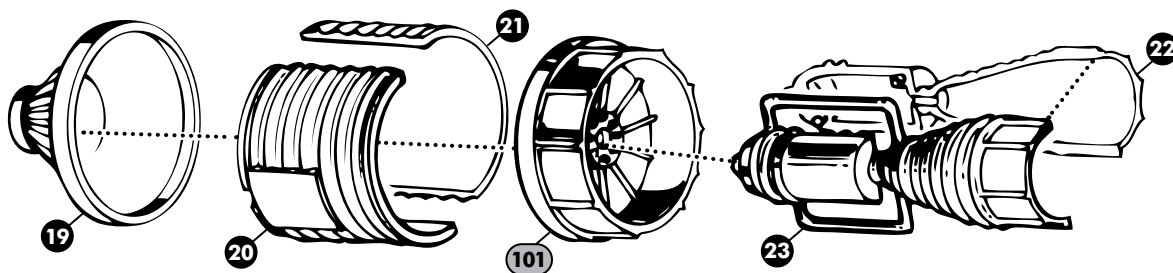
A FUEL TANKS

A FUEL TANKS

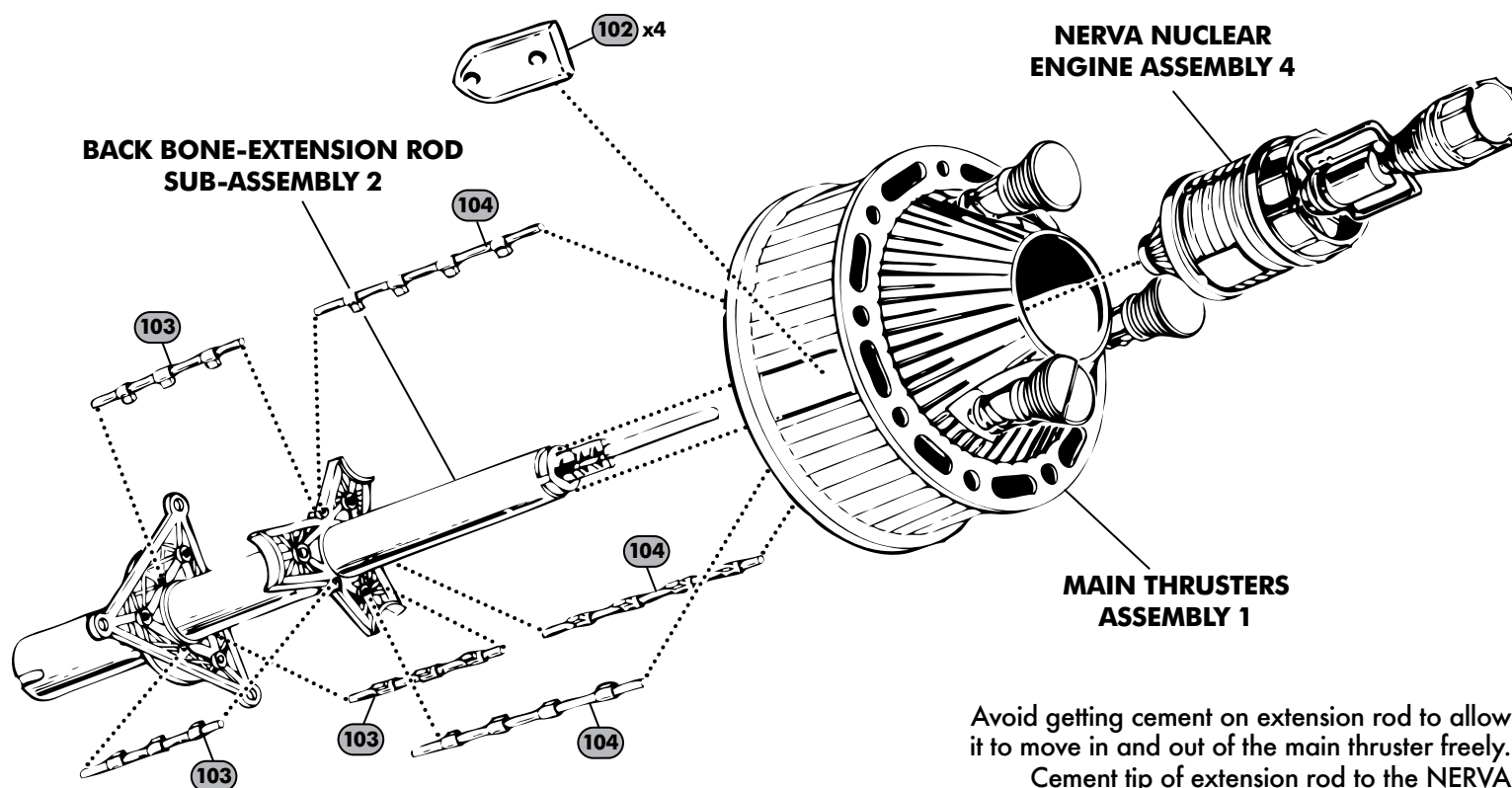
Assemble three outboard tanks (13 & 14) as shown.



B AFT STOWAGE TANKS

**FORWARD STOWAGE TANKS**

5 ENERGY SUPPLY SYSTEM ASSEMBLY

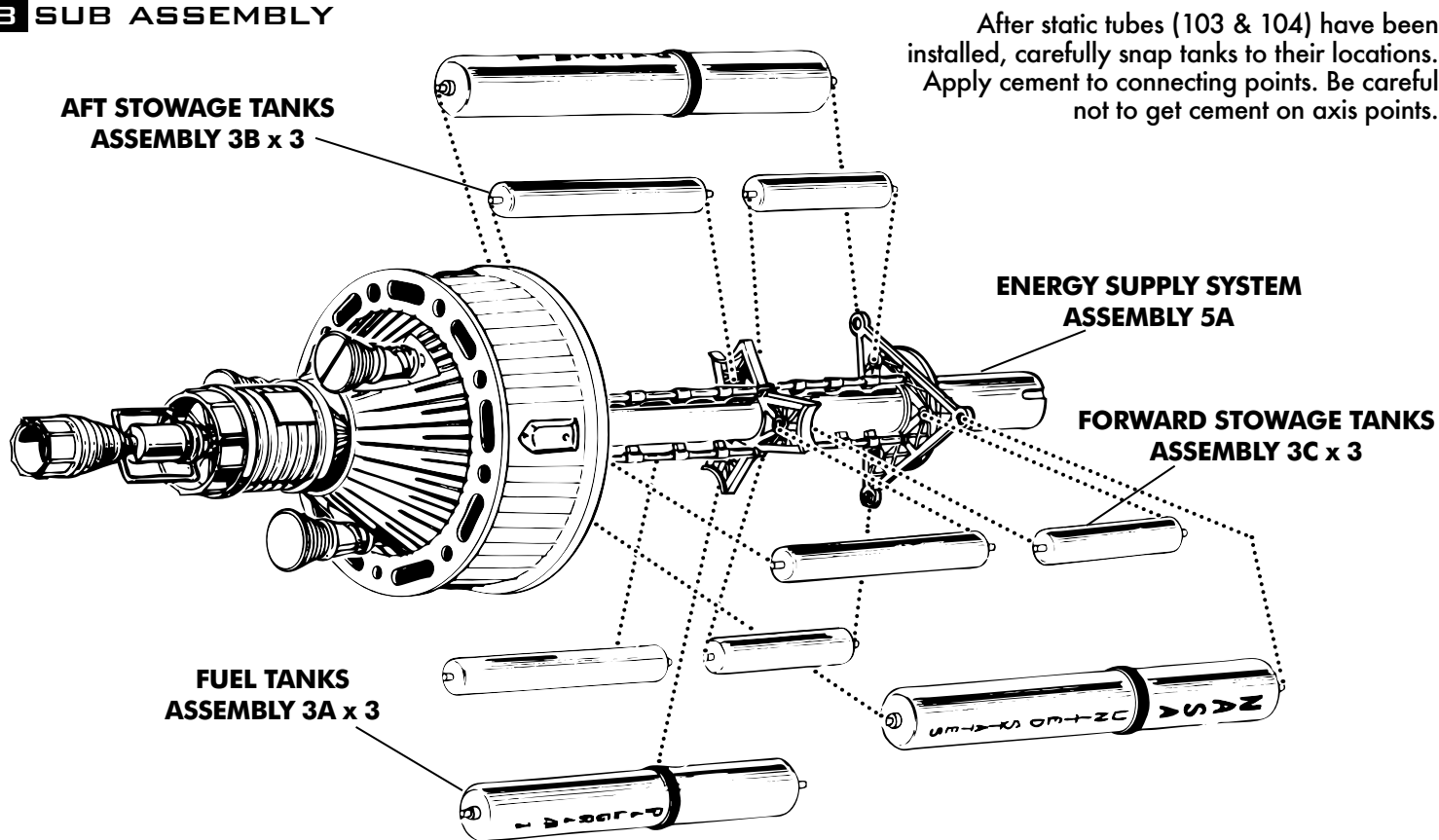


MAIN THRUSTERS ASSEMBLY 1

Avoid getting cement on extension rod to allow it to move in and out of the main thruster freely.
Cement tip of extension rod to the NERVA
NUCLEAR ENGINE ASSEMBLY.

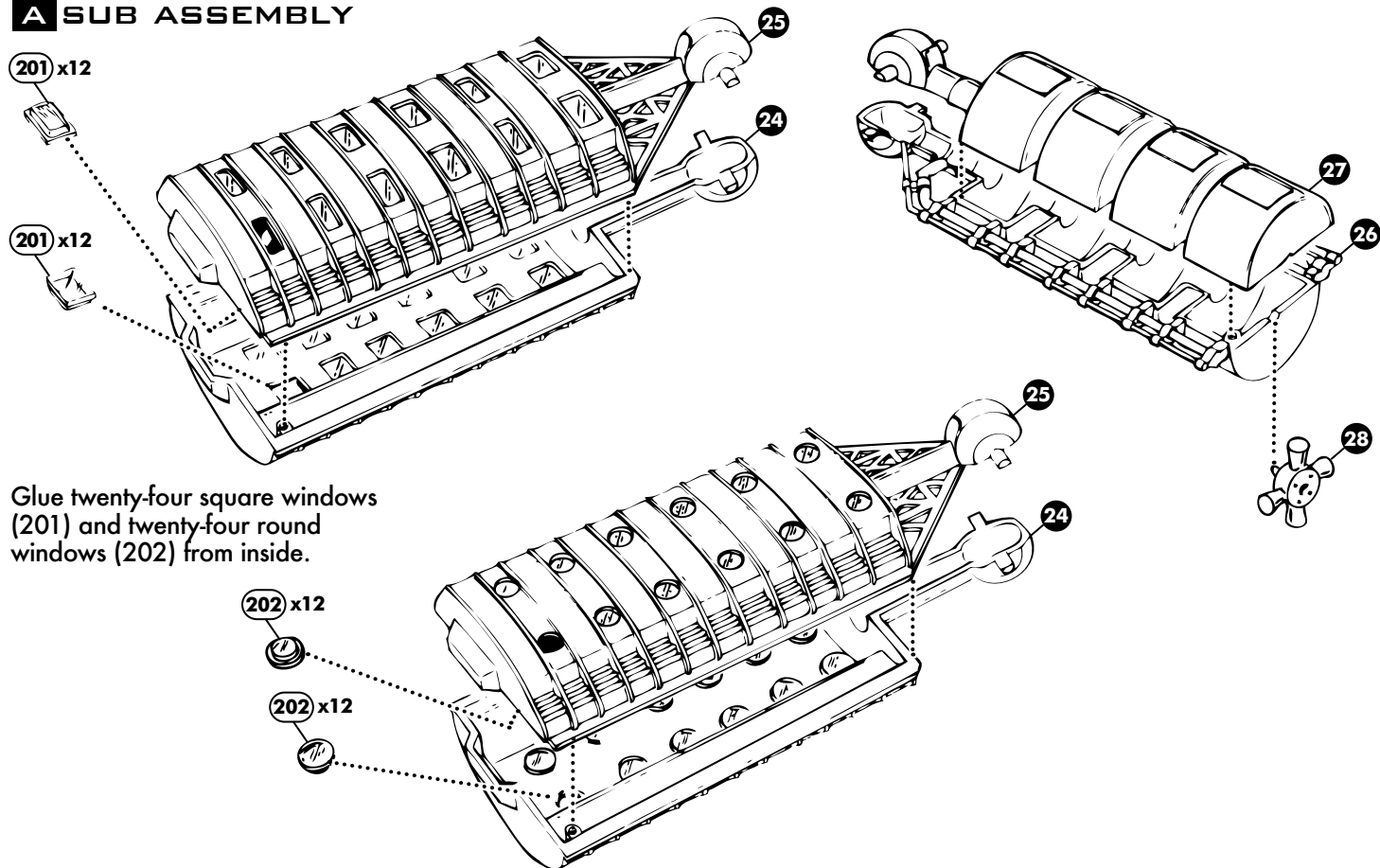
5 ENERGY SUPPLY SYSTEM ASSEMBLY, CONTINUED

B SUB ASSEMBLY



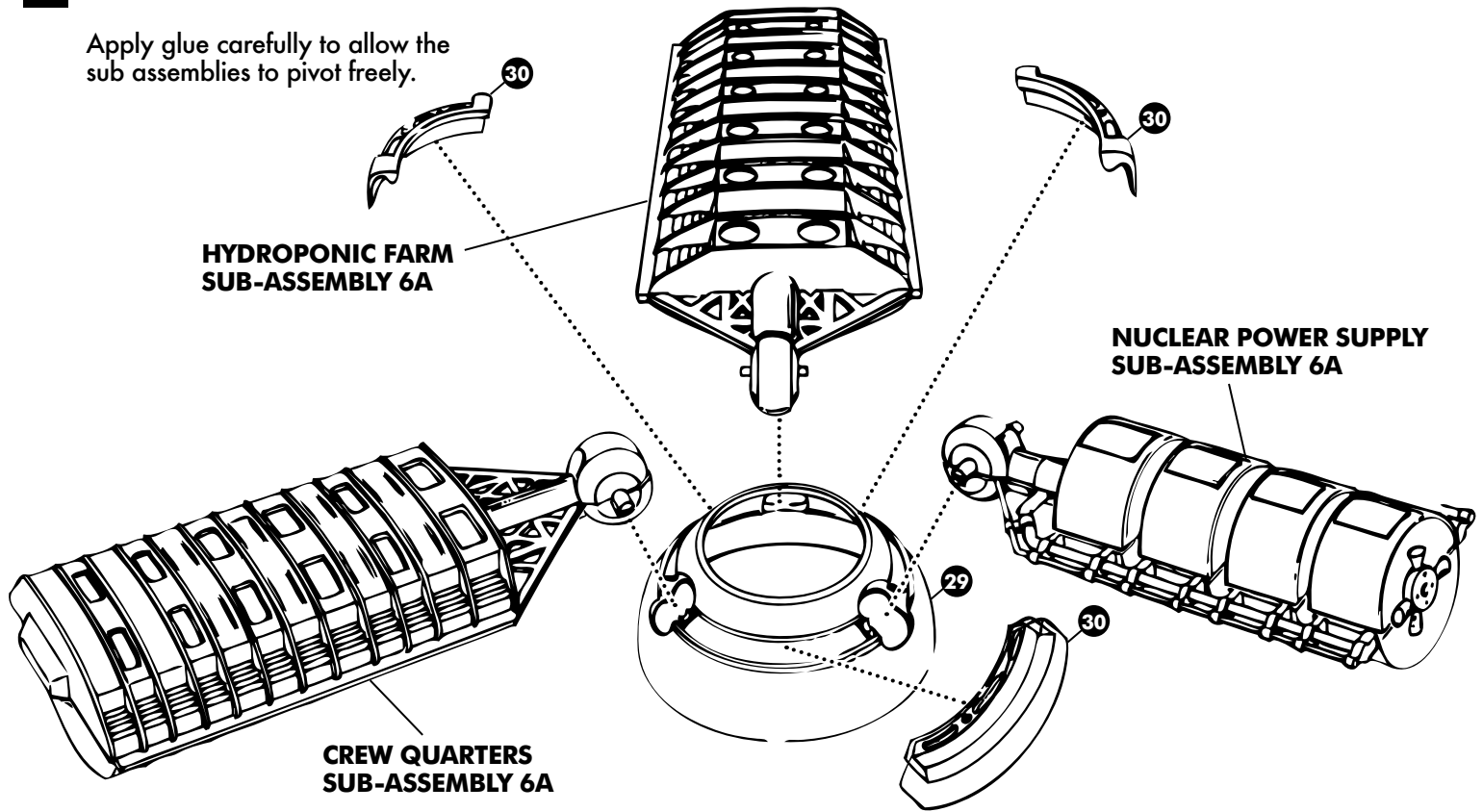
6 GRAVITATIONAL SYSTEM ASSEMBLY

A SUB ASSEMBLY

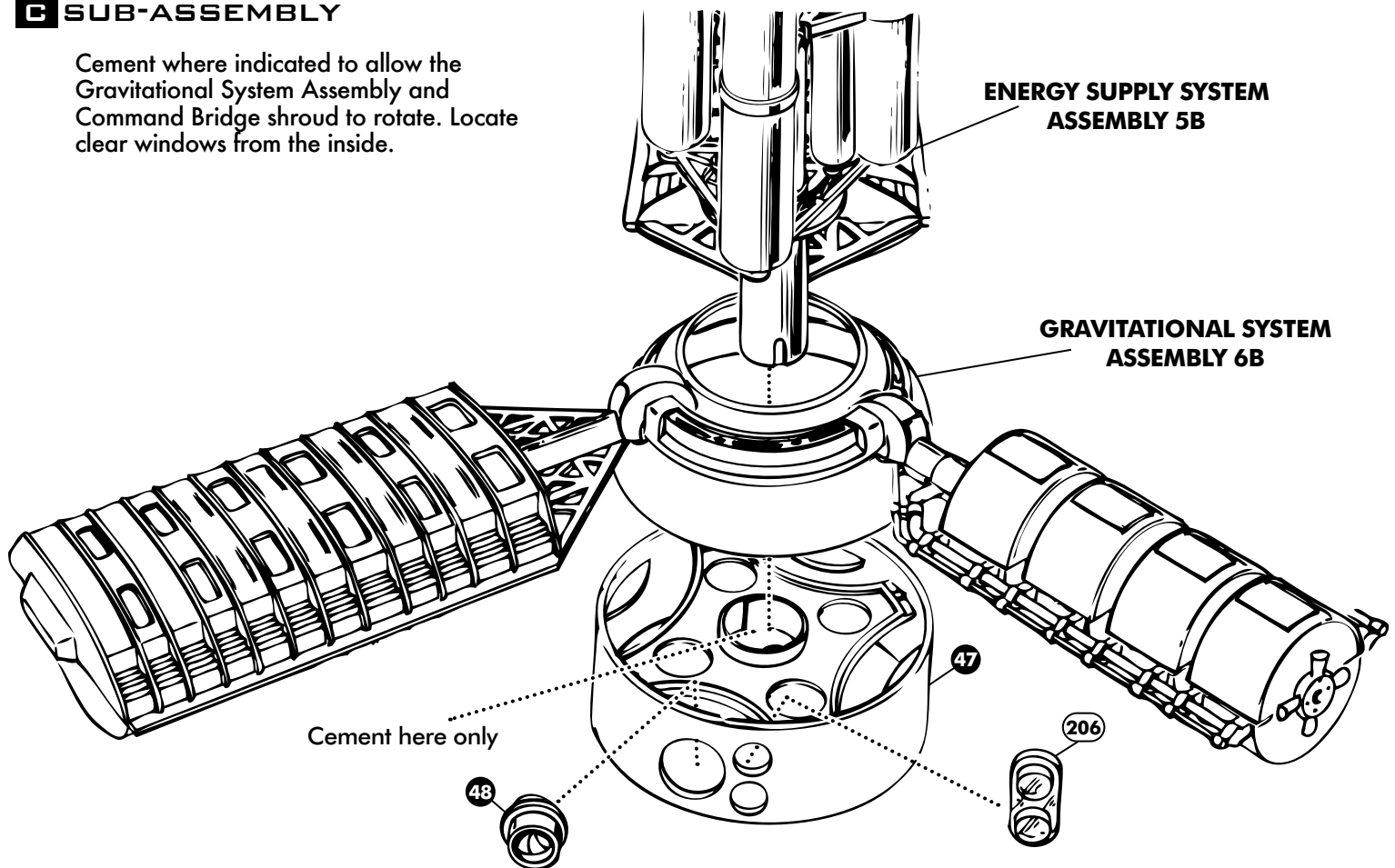


B SUB-ASSEMBLY

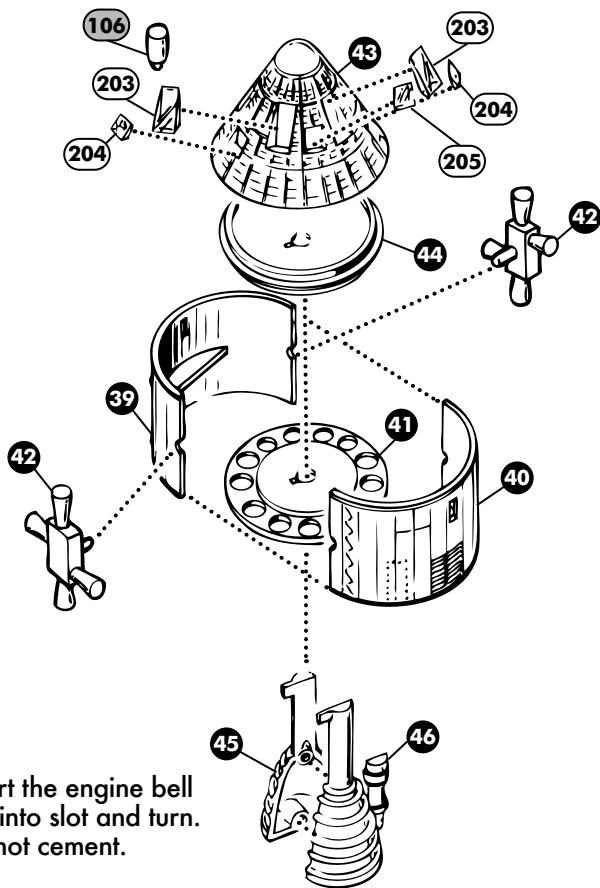
Apply glue carefully to allow the sub assemblies to pivot freely.

**C SUB-ASSEMBLY**

Cement where indicated to allow the Gravitational System Assembly and Command Bridge shroud to rotate. Locate clear windows from the inside.



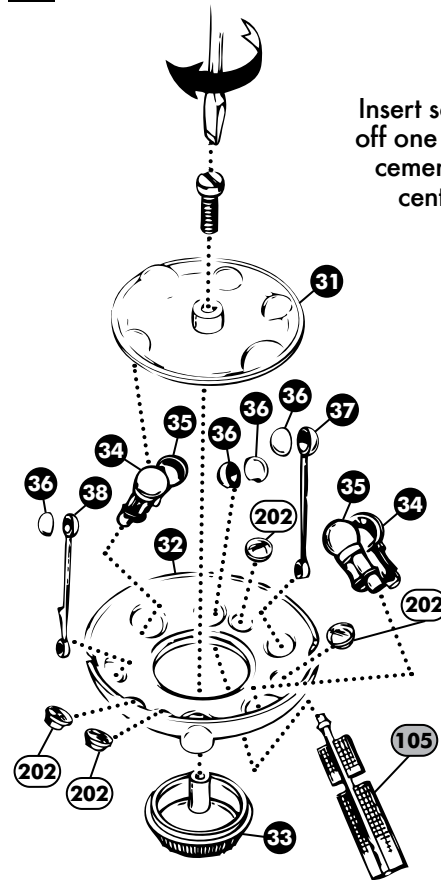
7 COMMAND MODULE



Insert the engine bell key into slot and turn. Do not cement.

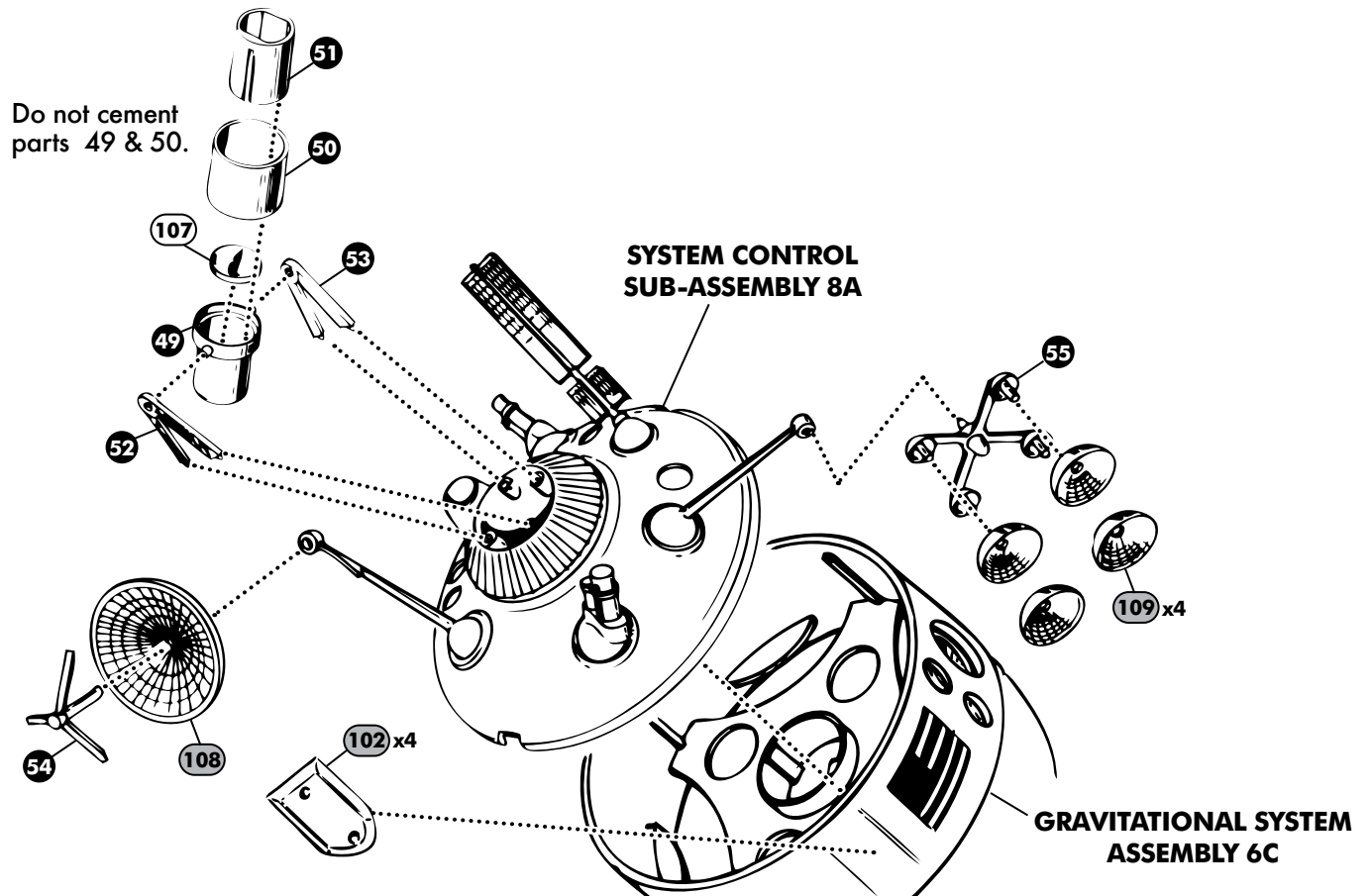
8 SYSTEM CONTROL

A SUB-ASSEMBLY



Insert screw, tighten then back off one half turn. Place, do not cement instruments to control center housing from inside.

B COMPLETED ASSEMBLY

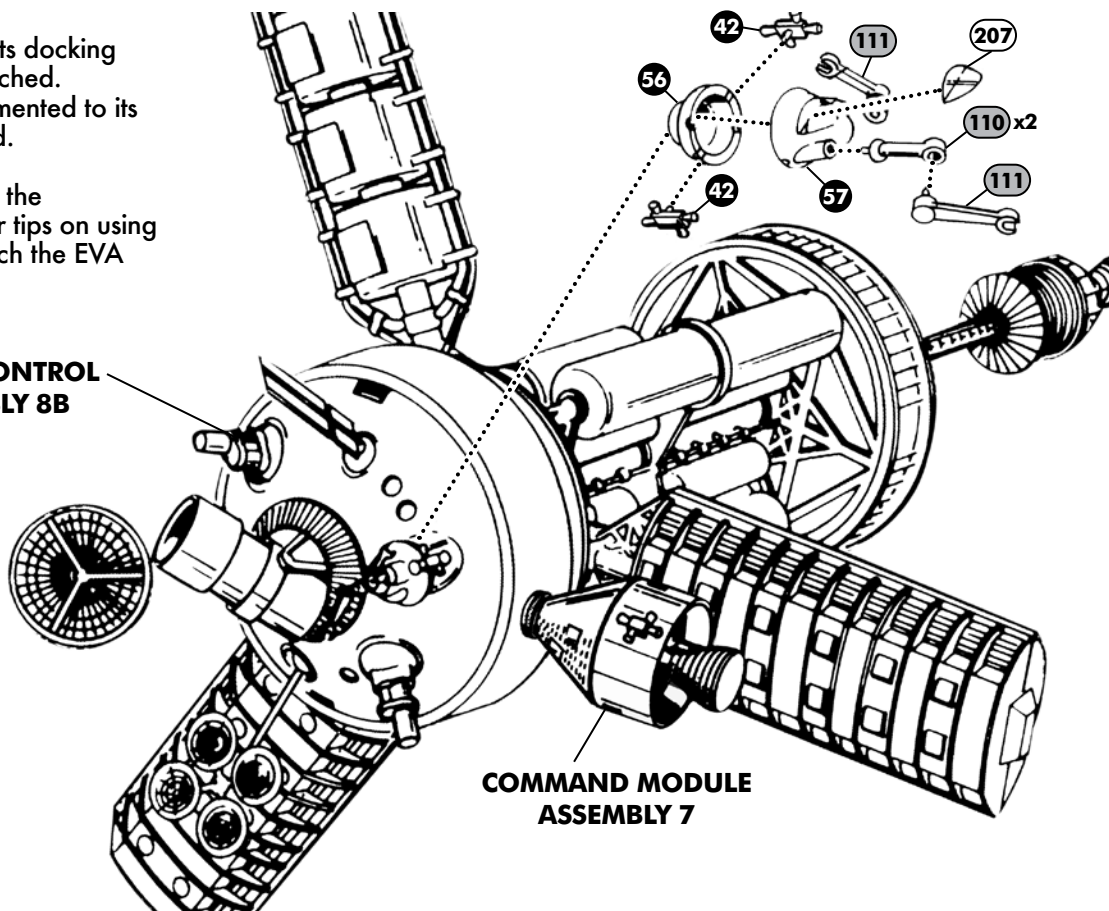


EVA taxi can be cemented to its docking point, but it may be left unattached.
Command module may be cemented to its docking point or left separated.

Visit the Workbench section of the round2models.com website for tips on using magnets (not included) to attach the EVA taxi and command module.

**SYSTEM CONTROL
ASSEMBLY 8B**

**COMMAND MODULE
ASSEMBLY 7**



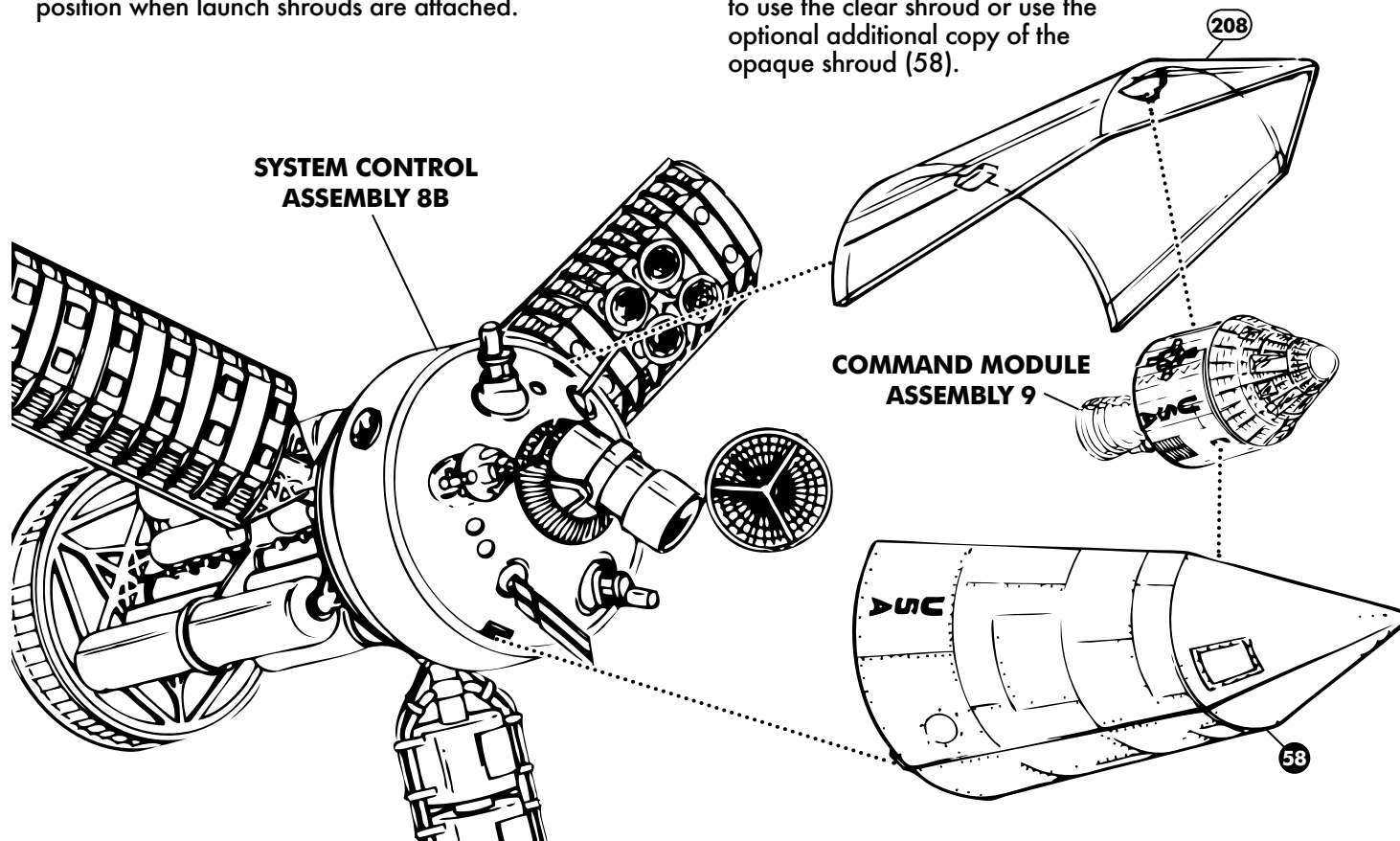
10 OUTER PROTECTIVE SHROUDS

Move all radar units, outer telescopes to inboard position when launch shrouds are attached.

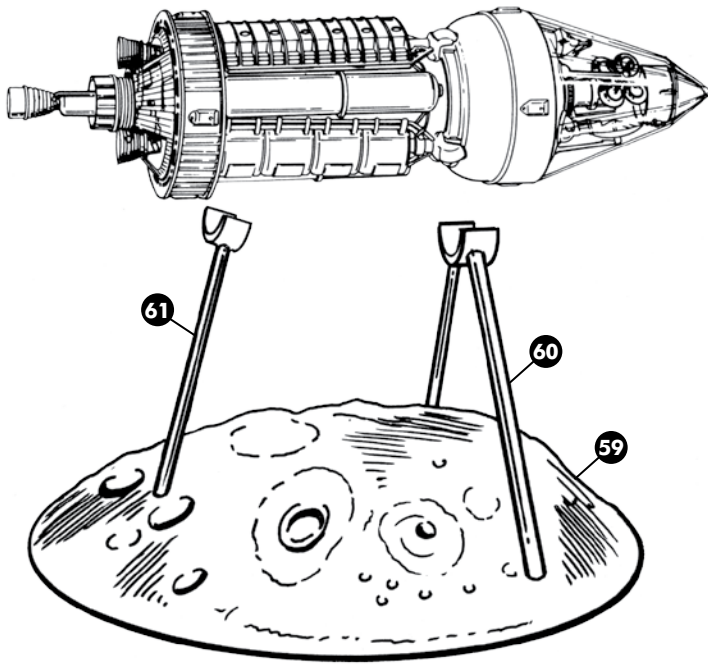
It is the builders choice whether to use the clear shroud or use the optional additional copy of the opaque shroud (58).

**SYSTEM CONTROL
ASSEMBLY 8B**

**COMMAND MODULE
ASSEMBLY 9**



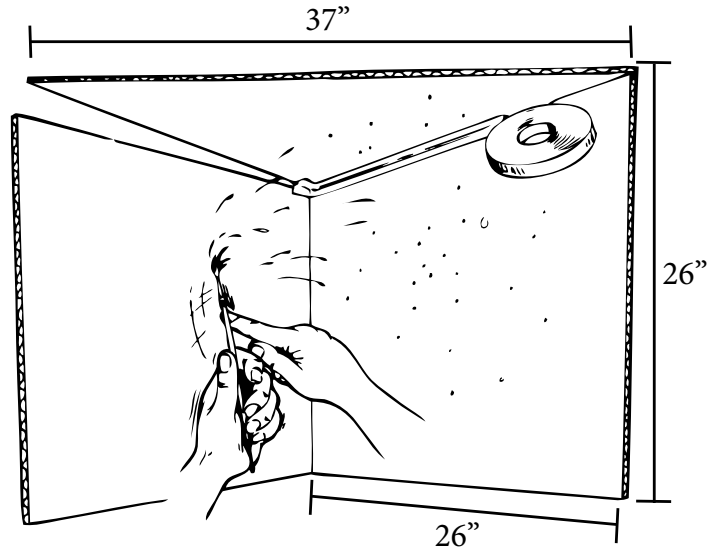
LAUNCH DISPLAY



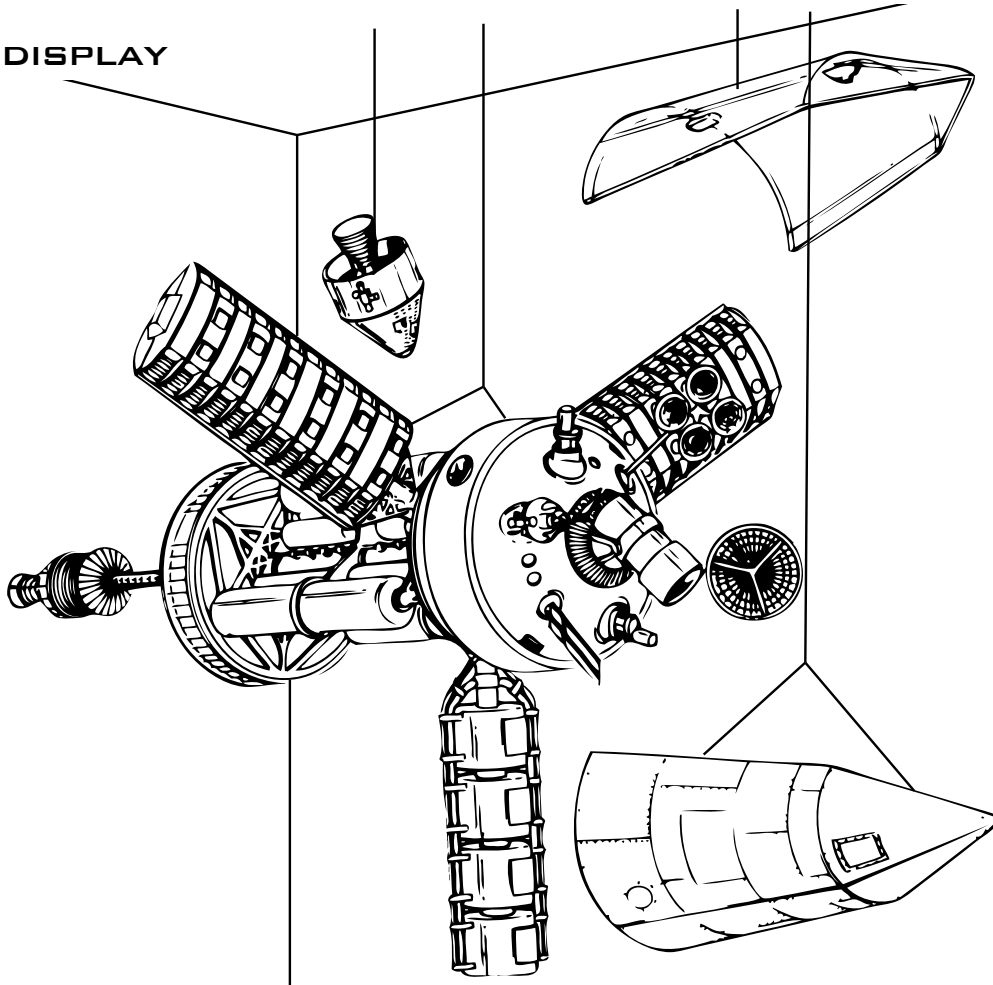
Assemble legs (60 & 61) to display base (59), after cement is dry, place (do not cement) space craft onto cradles.

A IN ORBIT DISPLAY

Make your own in-orbit display. Cut two pieces of cardboard square (sizes shown are guides). Cut another triangle piece, tape seams together with masking tape. Spray entire unit flat black. After black has dried, spatter white paint to simulate a star field. Using fine black thread, suspend space craft.

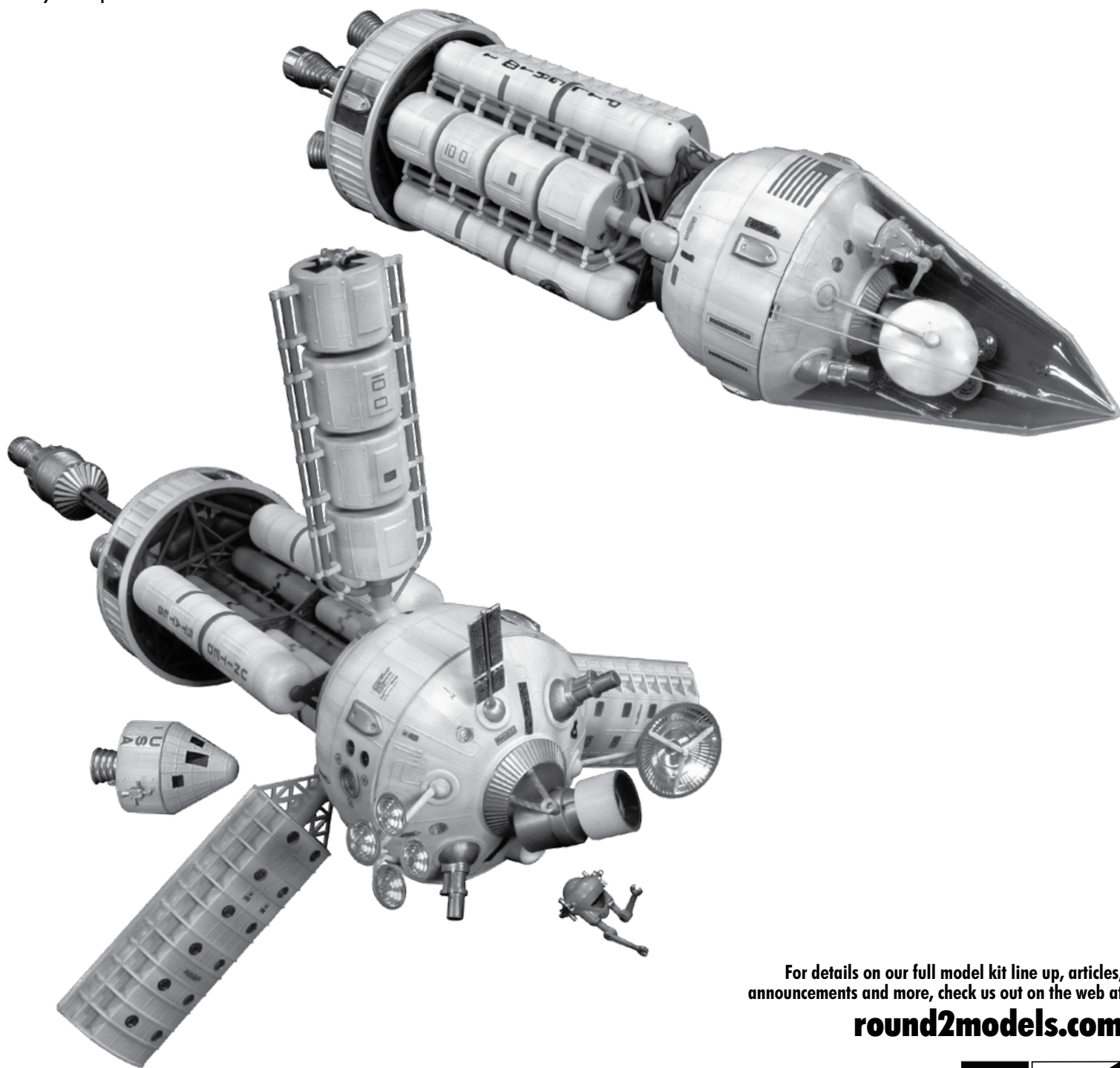


B IN ORBIT DISPLAY



ASSEMBLY AND FINISHING TIPS

- Before assembling model, study instructions carefully.
- Do not hurry. Work carefully and patiently.
- Take time to familiarize yourself with all the parts and their corresponding part numbers.
- Carefully cut the parts from the plastic tree supports and remove any burrs.
- For best results, assemble model in the order indicated.
- Before proceeding to cement parts together, it is advisable to fit parts together dry (without cement) so that you may familiarize yourself with the parts and how they go together, also noting the points where cement is to be applied.
- Be sure to use only glues or cements compatible with styrene plastic.
- Apply cement to inside surfaces only. Avoid getting cement on outer surfaces of model sections.
- Use cement very sparingly and avoid getting cement on hands, so as not to mar or smear plastic surfaces.
- The model can be painted to the discretion of the modeler.
- For best results, use only high quality paints designed specifically for plastic model kits.
- Liquid mask or tape will be helpful in painting detailed areas.
- Use small brushes for fine details.
- The supplied decals are optional and can be applied at the judgment of the modeler.



For details on our full model kit line up, articles, announcements and more, check us out on the web at

round2models.com