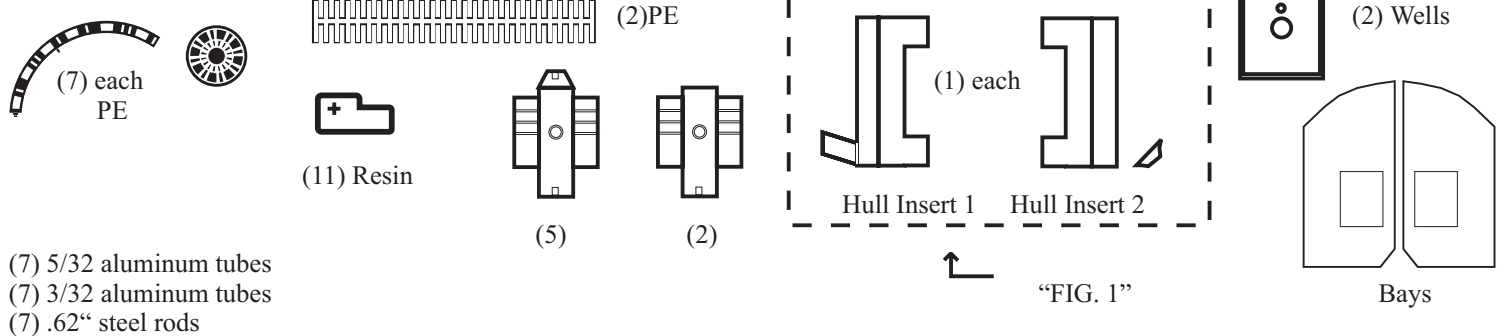


Landing Gear Kit

For the AMT/Ertl/MPC Millennium Falcon Model Kit

Thank you for purchasing the latest accurization kit from Falcon Kits! As always, the following instructions will help you to convert your existing model into a more accurate version of the film miniature by replacing or adding on to the standard kit parts. If you have any questions, feel free to contact us at: sales@falconkits.com.

Parts



- (7) 5/32 aluminum tubes
- (7) 3/32 aluminum tubes
- (7) .62" steel rods

*PE=Photoetch

NOTE: All PE parts are held in place by a thin rubber film. To remove, soak the parts in paint or lacquer thinner. The film will dissolve, allowing you to remove the delicate parts without bending, cutting, or damaging them. After the first soak, repeat the process in clean thinner to remove any further residue.

Use "superglue" or an epoxy cement to glue the PE parts to each other, and the same for the resin parts.

For Landing Gear in up position:

Using the templates:

- 1) Cut template on dotted lines to fit hull contour.
- 2) Place template face up on lower hull and tape into place.
- 3) Transfer the outline of the shapes in the center of the template to the hull. Do this by either:
 - (A) Pushing tip of knife blade thru the outline at regular intervals. This will make small "perforations" in the kit plastic; **OR**
 - (B) Trace the outline (in heavy pencil) on the back side of the template before taping to hull; then tape into place, and trace the outline on TOP of the template. This will transfer a pencil "copy" of the outline to the hull. This method works well, but be careful not to smudge or erase the outline on the ship while working.
- 4) For the gear up display, use a razor saw or sharp blade to cut away the plastic represented by the dark shaded area only. It is better to remove too little than too much - you can always trim more if needed. Also remove the shaded areas from resin pieces as shown. If you do not want to cut the resin pieces, you must remove all shaded areas from the lower hull.
- 5) Cement in place the pieces shown in FIG. 1. Seen from the bottom of the ship, Hull Insert 1 goes on the left, Hull Insert 2 on the right. Depending on your kit you may need to trim the inserts slightly, or use a small amount of filler putty.
- 6) Cement gear doors "L" to Bay "L"; cement gear doors "R" to bay "R".
- 7) Using the outline on the hull as a guide, test fit bays to the hull. Due to the complex contour of the hull, most people will need to sand the bays to fit their kits, especially at the five "cornerpoints" of the resin bays.
- 8) Once you have achieved a good fit, cement the bays into place. That's it for the outside.
- 9) The inner machinery parts, kit# 22 and 23, may be trimmed to fit the new openings, or just installed as is over the new openings - there should be plenty of room.

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For Landing Gears down:

- 1) Make sure you have cut all shaded areas from the hull.
- 2) Cement gear wells to inside of gear bays, making sure the hole inside is towards the front of the bay.
- 3) Attach this subassembly to the lower hull (See note on sanding to fit - step 7 of "Gear Up Display").
- 4) Before proceeding to Landing Leg assembly, see the section on making the "Baffles".

Baffle Assembly - Note: There are enough extra PE pieces to make ONE practice baffle.

- 1) The baffle sides need to be formed into a circle. To do this most easily, place the metal on a soft, relatively flat surface (a mousepad works well for this, as does the palm of your hand if you can't find anything else).
- 2) Next, use a round object (X-Acto handle, small wooden dowel, etc) to roll across the top of the metal, and it will start to curl.
- 3) Keep rolling the metal gently until you can insert the tab on one end into the slot on the other. Once the tab is inserted bend it back to Latch the two ends together, then superglue the parts together. Once the glue has dried, check to make sure that the part is as circular as possible.
- 4) Glue the Baffle Top onto the Baffle Side.

Forward Center Landing Leg Assembly: REFER TO FIGURE A

- 1) Assemble the gear as shown in Figure A. Use the figure for the approximate placement of parts.
- 2) Attach photo-etched/resin baffle below hydraulic box assembly. Use the original AMT instructions for reference if necessary.
- 3) Attach resin landing pad. Cut styrene rod to fit and cement to raised blocks on landing pad and to aluminum tube. This replaces AMT part 59.

Rearward Landing Leg Assembly:

- 1) Refer to figure B or the original AMT kit rear legs. Carefully remove and save the parts that are labeled "AMT Parts" in Fig. B. Drill 1/16 inch holes in the tops of the small blocks marked with the * - the small aluminum tubes should fit inside these holes.
- 2) Assemble the gear as shown in Fig. B. Use the figure for the approximate placement of parts.
- 3) Attach photo-etched/resin baffle below hydraulic box assembly. Use the original AMT instructions for reference if necessary.
- 4) Attach resin landing pad. Cut styrene rod to fit and cement to raised blocks on landing pad and to aluminum tube. This replaces AMT part 57.

Port/Starboard Landing Leg Assembly:

- 1) Assemble the gear as shown in Figure C. Use the figure for the approximate placement of parts.
- 2) Attach photo-etched/resin baffle below hydraulic box assembly. Use the original AMT instructions for reference if necessary.
- 3) Attach resin landing pad. Cut styrene rod to fit and cement to raised blocks on landing pad and to aluminum tube. This replaces AMT part 59.