

662 JERRY RIGGS QUICK SERVICE

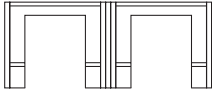
Follow these step-by-step instructions to construct the Jerry Riggs Quick Service building. Refer to Walls 1-6 and its Front and Back Views (illustrated below) to determine the proper location for each building part. The building parts included in this kit are identified on the left.

Match letters on the drawings below to determine where walls join. For example: [Wall 1, Edge B] and [Wall 2, Edge B] join each other as an "outside" corner (Front View). Wall 4 - Edge E and Wall 5 - Edge E join each other as an "inside" corner (Back View).

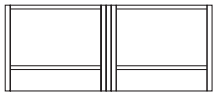
In Step 3, some walls will need to be cut into two pieces to form bays (Walls 1, 3, 4, 5 and 6). You will have some wall parts (bays and pilasters) left over when your building is completed.

Look through the enclosed catalog to see the complete line of DPM buildings, as well as the wall sections that are interchangeable with, and/or can be added to, this building.

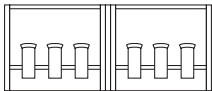
Building Parts Included In Kit



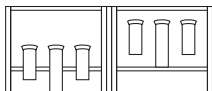
Street Level Freight Door Wall
Qty 1



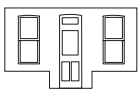
Street Level Blank Wall
Qty 1



Street Level Window Wall
Qty 2



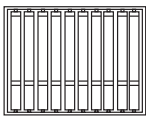
Street/Dock Entry Door Wall
Qty 1



Entry Doors with
Windows
Qty 2



Window
Qty 4



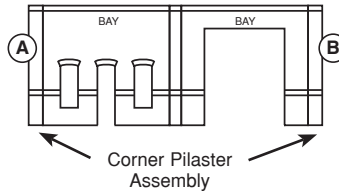
Street Level Pilaster
Qty 5

Additional Materials

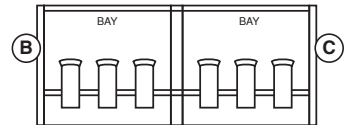
- Roof supports (2 - .08 sticks 4½" length)
- Inside corner strip (1 - .060 stick 5" length)
- 2" wire .020
- Roof material (1 sheet 5" x 6½")
- Clear window material (2 sheets 2" x 3")
- Black paper (1 sheet 7¾" x 4½")
- 1 Decal sheet
- 1 Poster sheet

See reverse side for Details listing.

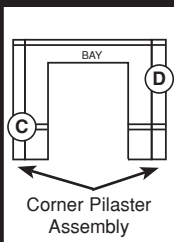
Wall 1



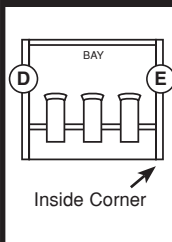
Wall 2



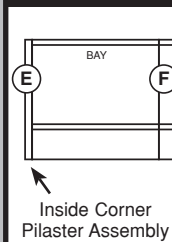
Wall 3



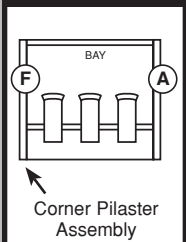
Wall 4



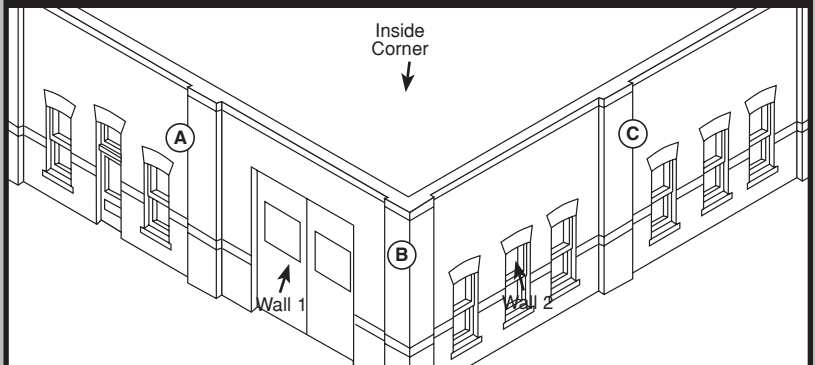
Wall 5



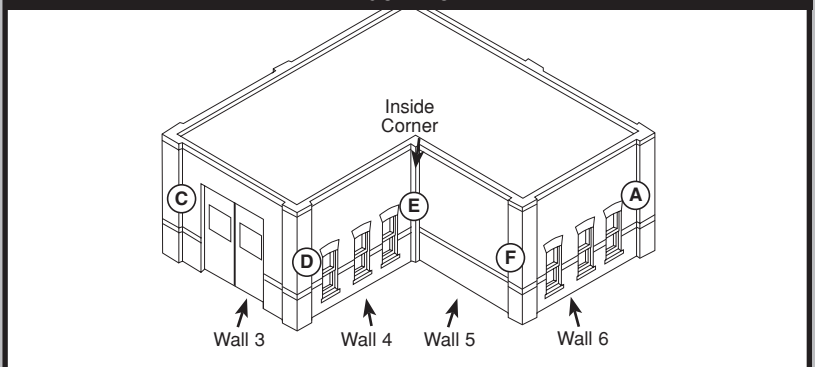
Wall 6



Front View



Back View



1 Prepare parts.

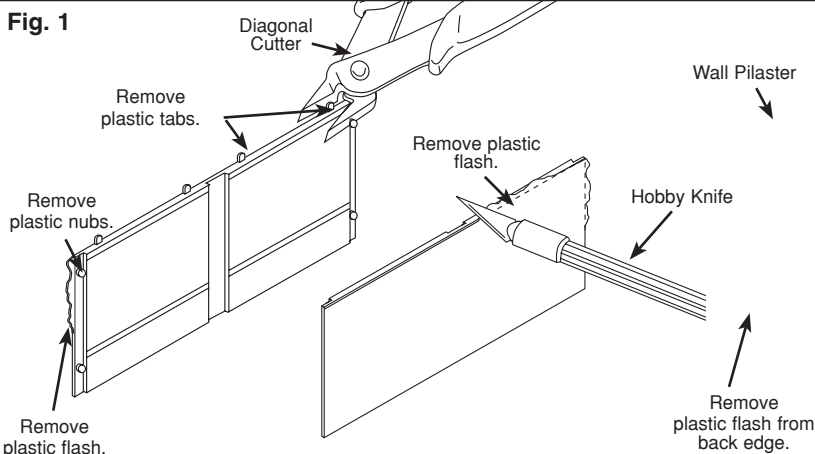
It is extremely important to carefully prepare parts before you begin to build. Parts will not fit properly if not prepared. Time spent correctly preparing the parts will help you build a better model.

Use a hobby knife (i.e., X-Acto) and/or diagonal cutters (i.e., Fiskars) to remove excess plastic, created by the molding process (Fig. 1).

Remove excess plastic from edges of recessed area in middle of wall sections, if needed.

Be sure to remove excess plastic on back edges of wall pilasters to square them so they will fit in recessed areas on wall sections.

Do not cut into detail or alter edges of parts.



2 Identify all wall sections needed to build each wall. See illustrations of Walls 1 through 6 and place them in separate wall groups.

All N scale wall sections are molded two bays wide. Four walls in this building are only one bay wide; one wall panel (Wall 1) is assembled by using bays from different wall sections (Figs. 2A and 3B). Therefore, some wall sections must be cut apart to form two separate bays (Step 3).

In Step 5, bays and/or wall sections will be joined together side-by-side with wall pilasters to form wall panels (Fig. 2B). Do Step 3 and 4. Then, beginning with Wall 1, follow Steps 5-8 to build all Walls 1-6, constructing one wall at a time. Finally, paint and detail building.

Fig. 2A Wall Sections

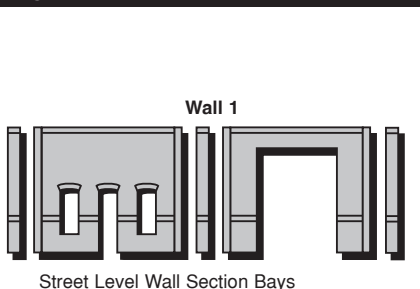
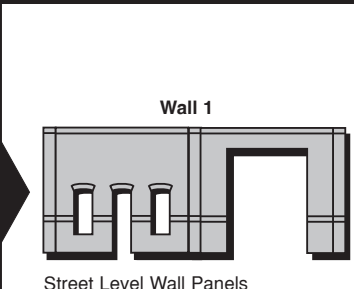


Fig. 2B Wall Panels



3 Make wall bays by cutting wall sections apart where necessary.

NOTE: Walls 4 and 6 each use one-half of the same wall section; Wall 3 is the same as right half of Wall 1.

To separate wall sections into bays, score with hobby knife in the middle of recessed area of wall section and snap bays apart (Fig. 3A).

Make each bay (Fig. 3B).

Fig. 3A

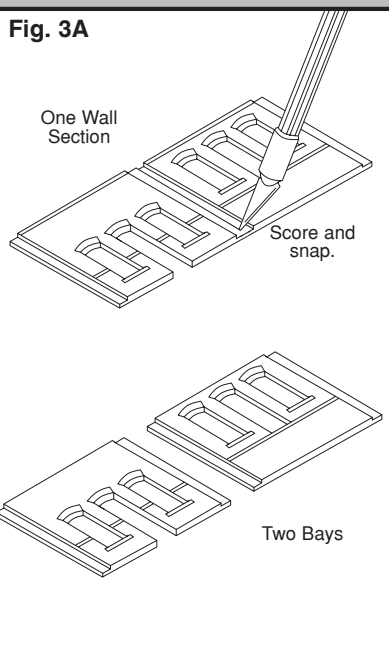
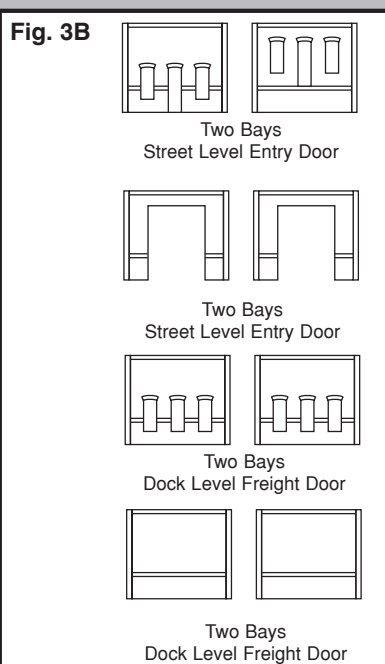


Fig. 3B



4 Glue all complementary corner pilasters.

NOTE: Each pilaster sprue contains two left and two right corner pilasters and six wall pilasters (Fig. 4A). Each corner pilaster has a 45 degree angle on one long side.

Make five sets of corner pilasters (Fig. 4C) by gluing complementary left and right corner pilasters together with plastic cement or solvent to make Corner Pilaster Assemblies. **SUGGESTION:** Use a squaring block or a small square to ensure a 90 degree angle (Fig. 4B). Allow to dry. Set assemblies aside until later.

Fig. 4A

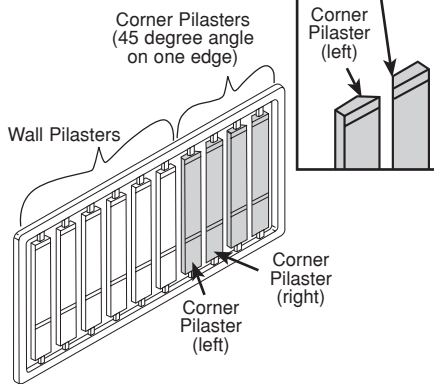


Fig. 4B

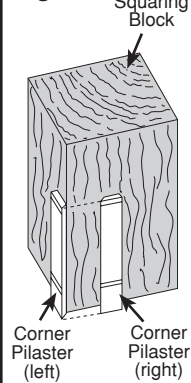
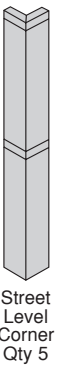


Fig. 4C



5 On Walls 1 and 2 use wall pilasters as joiners and glue to wall sections and bays, forming wall panels.

Use straightedge to align sections at their tops (5A), one wall panel at a time.

There is a right way (no gap) and wrong way (gap) to attach wall pilasters (Fig. 5B). Don't force wall pilasters into recessed areas of wall sections: they should fit easily. Be sure recessed area and pilasters are free of excess plastic (Step 1 - Prepare Parts).

Fig. 5A

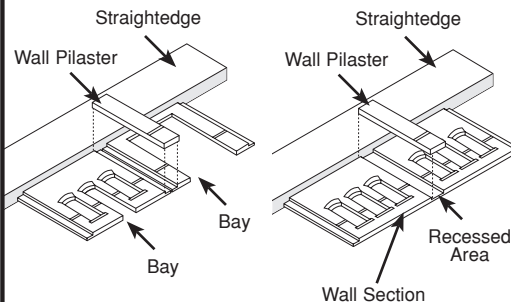
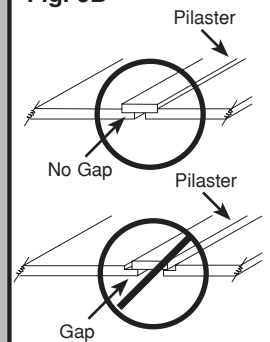
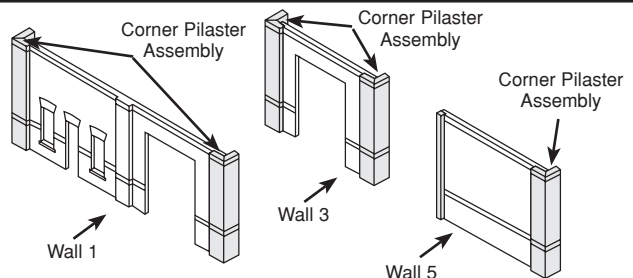


Fig. 5B



6 Glue Corner Pilaster Assemblies to wall panels on both sides of Walls 1, 3 and the right side of Wall 5 (Fig. 6A).

Fig. 6A



7 Sand top and bottom of each assembled wall panel to align and square up all wall section edges (Fig. 7A).

NOTE: This step is essential to achieve proper fit later.

Tack 100-grit sandpaper to flat surface. Make sanding area longer than longest wall.

Use squaring block to keep edges flat and panels square as you sand (Fig. 7B). Move the wall panel, not the squaring block.

Do not sand into details.

Fig. 7A

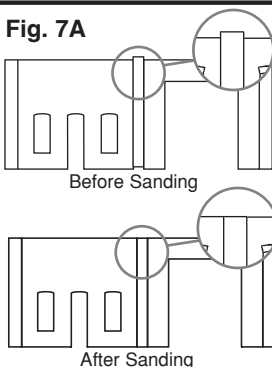
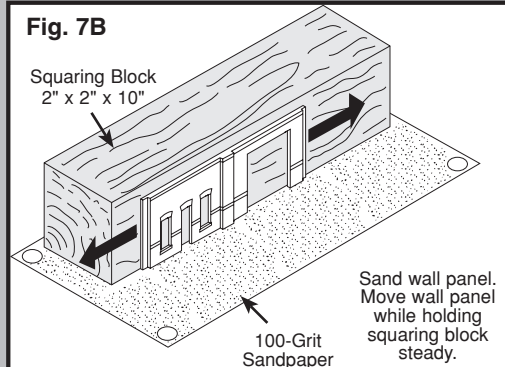


Fig. 7B



8 Attach corner strip to Wall 5, Edge E only.

Score with hobby knife and snap off a piece of the included 5" .060" styrene strip to a length that slightly overhangs top and bottom of Wall 5; glue to flange (Fig. 8A).

Using a squaring block (Step 7), sand flange to remove excess plastic until flange is flush with attached styrene strip (Fig. 8B).

Using a squaring block, sand ends of strip that overhang wall until flush (Fig. 8C).

Fig. 8A

Wall 5 Edge E

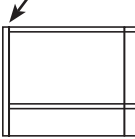


Fig. 8B

Sand ends of inside corner strip that extend beyond the top and bottom of wall, to be flush with wall.

Sand flange flush with inside corner strip.

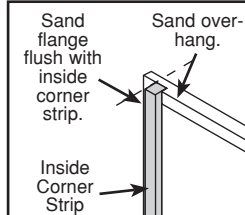
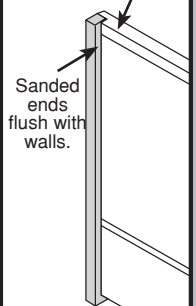


Fig. 8C

Flange is flush with inside corner strip.

Sanded ends flush with walls.



9 After all walls are assembled, glue them together to form a complete building.

Use a squaring block to hold corners square while gluing (Fig. 9A).

Join Walls 4 to 5 together at installed corner strip to form inside Corner E (Fig. 9B). Join rest of exterior walls together to form complete building.

OPTIONAL: If desired, fill voids in corners at top of wall sections with spackle or plastic putty.

Fig. 9A

Squaring Block

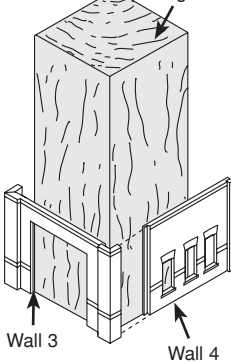
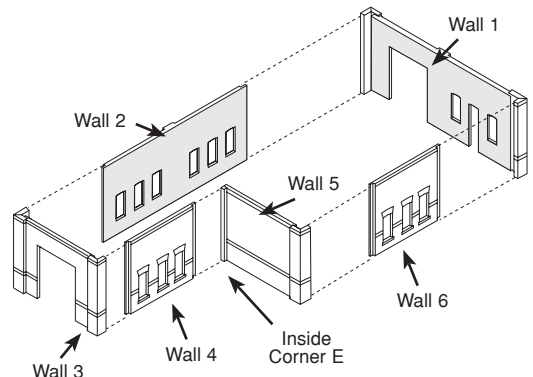


Fig. 9B



10 Trace building's roof opening on roof material and cut out.

Turn building upside down. Align a corner of building with two edges of one piece of roof material (Fig. 10A) and trace opening. Score with hobby knife and snap roof apart; test fit and adjust. Set roof aside. Save rest of roof material for use in Step 13.

To make main roof supports: Use a hobby knife to score pieces of two 4 1/2" .080" styrene strip (included). Snap apart. Install roof 1/8" down from top of wall and glue roof supports to backside of walls (Fig. 10B).

Fig. 10A

Trace inside building.

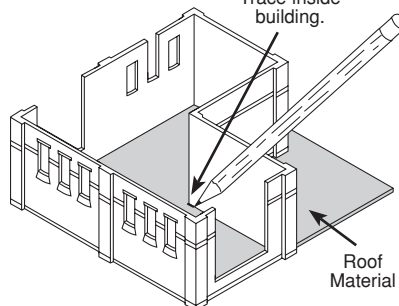
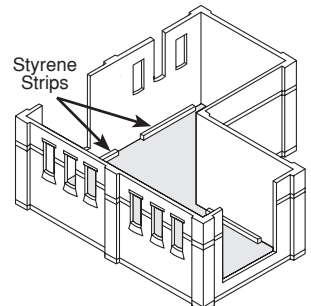


Fig. 10B



Paint building parts.

We recommend that you paint all building parts for the most realistic appearance. However it is not mandatory. See Painting under Finishing Touches for helpful hints.

Doors and windows are easier to paint if left on sprues. When paint is dry, remove windows and doors from sprues. Clean paint from surfaces to be glued. Touch up paint if needed.

11 Glue clear window material to sets of window frames and door with windows. Install windows and door.

When gluing window frames to clear window material, allow 1/8" between each set (Fig. 11A). Keep glue off detail and window material that will be seen from the outside of building. When glue is dry, cut sets of windows and doors apart.

NOTE: Each set of windows has a tab on the top side (Fig. 11B). Windows are installed with tabs facing up. Install windows and doors from the inside of building (Fig. 11C). **NOTE:** Type of freight door used on building is optional. One piece doors are installed now. Cast metal door assemblies are installed in Step 12.

Fig. 11A

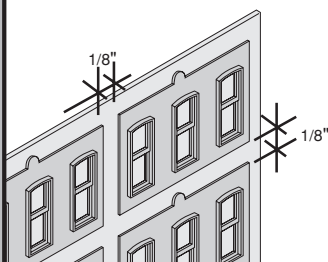


Fig. 11B

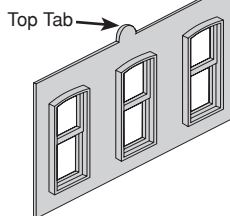
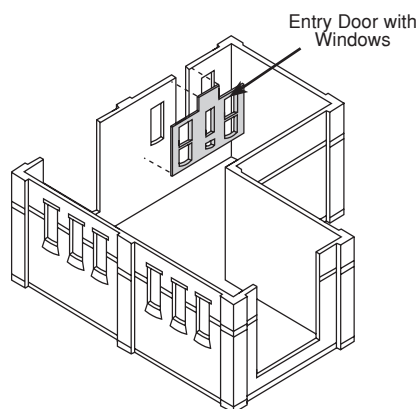


Fig. 11C



ASSEMBLING DETAILS PREPARING WHITE METAL CASTINGS

Remove parting lines, flash and stems with a hobby knife (i.e., X-Acto), diagonal cutters (i.e., Fiskars), sandpaper, or a file. Align and fit castings. **NOTE:** Castings bend easily and should be handled carefully. To straighten bent or warped castings, lay them flat on a table and push down to tabletop.

Wash all metal castings in soapy water to remove residue caused by molding process. Rinse and allow parts to dry.

Plan ahead. It is often easier to pre-paint certain castings before assembly and you may want to attach dry transfers to signs before assembly. We recommend using a primer coat and then painting castings with a high quality, flat paint. If you pre-paint, scrape paint from glue points before gluing, and touch up paint if necessary after assembly. See PAINTING under FINISHING TOUCHES for some helpful hints. Glue castings together with a fast-setting epoxy, or a cyanoacrylate such as "super glue." We prefer a thick, gap-filling cyanoacrylate.

DETAILS PARTS LIST

The following list contains all details included with the 662 kit. Sort and organize individual detail parts. This will make assembly easier.

	Part No.	Name	Qty.
GARAGE DOORS	1	Doors.....	4
	2	Top/side frame	2
	3	Bottom doorsill	2
PORTICO	4	Roof Front Piece.....	1
	5	Roof Side Pieces	2
	6	Pillars	2
	7	Floodlights.....	16
FORKLIFT	8	Steering Column	1
	9	Chassis	1
	10	Roll Bar	1
	11	Lift Fork	1
	12	Lift Frame.....	1
AUTO LIFT	13	Lift Column.....	1
	14	Skids	1
AIR COMPRESSOR	15	Drive Belt Housing	1
	16	Compressor.....	1
ENGINE HOIST	17	Hoist.....	1
	18	Hoist Base.....	1
TIRE RACK	19	Upright Ends	2
	20	7 Tires/Vertical Supports	2

	Part No.	Name	Qty.
GAS STORAGE TANKS	21	Tank Top.....	3
	22	Tank Cylinder (PVC Pipe)	3
	23	Hatch.....	3
	24	Gauge	3
	25	Pipe with Valve.....	3
KEROSENE TANK ON STAND	26	Tank Supports	2
	27	Kerosene Tank	1
BILLBOARD	28	Supports	3
	29	Sign	1
	30	Catwalk	1
STATION SIGN	31	Sign	1
UTILITY POLES	32	Utility Poles	3
TRACTOR	33	Tractor Tires.....	2
	34	Tractor Body.....	1
TOW TRUCK	35	Boom.....	1
	36	Truck Bed.....	1
	37	Truck Cab.....	1
	38	Chassis	1
	39	Truck Tires	4

(continued)

DETAILS PARTS LIST (continued)

Part No.	Name	Qty.	Part No.	Name	Qty.
MISCELLANEOUS			53	Tractor Tires with Rims	6
40	Awnings.....	3	54	Tractor Tire Halves.....	10
41	Louver Vent.....	1	55	Tire Changer	1
42	Roof Vents	3	56	Engine Block	2
43	Power Mast	1	57	Axle	1
44	Stacked Car Tires	2	58	Wrecked Car	1
45	Fence Pieces	3	59	Old Hay Wagon Frame	1
46	Propane Tank.....	2	60	Junk Pile	1
47	Solo Gas Pump.....	1	61	Dolly with Barrel.....	1
48	Two Pump Island	1	62	55 Gal. Barrels Stacked.....	4
49	Floor Jack	1	63	Pallets	8
50	Car Ramps.....	2	64	Wood Crates	2
51	Stacked Tractors Tires	2	65	Soda Machine.....	1
52	Tractor Tires	3			

12 Assemble and install garage doors.

Attach two Part 1s to Part 2 with windows to top (Fig. 12A) and glue in position desired.

Attach Part 3 to Part 2, rounded side up, and glue in place (Fig. 12B).

Attach garage door assembly to back side of garage door opening and glue in place (Fig. 12C). Glue clear styrene to window openings on doors. Repeat with other door assembly, if desired.

Fig. 12A

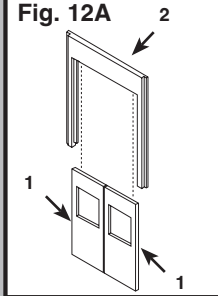


Fig. 12B

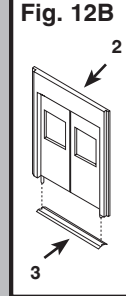
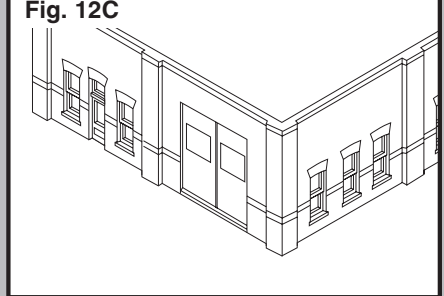


Fig. 12C



13 Assemble portico and attach it to building: attach floodlights.

NOTE: Glue posters to portico before assembling.

Glue Part 4 to 45 degree-angled ends of both Parts 5s (Fig. 13A) and allow to dry.

Cut one 1⁷/₁₆" x 1¹⁵/₁₆" piece from roof material left over in Step 10. Very lightly score back side of roof material exactly down center. DO NOT CUT all the way through. Carefully bend on score line to form portico roof. Set roof inside assembly of Parts 4 and 5 and glue in place (Fig. 13A). Attach both Part 6s to corners of portico (Fig. 13B). Glue assembled portico to building (Fig. 13C). Glue all Part 7s to portico (Fig. 13C).

Fig. 13A

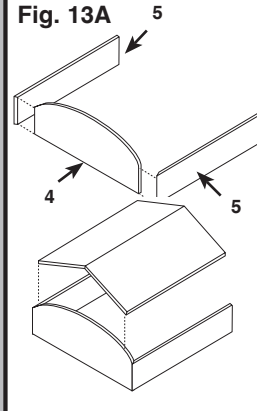


Fig. 13B

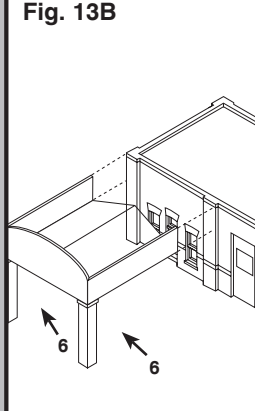
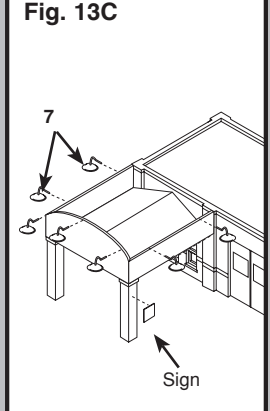


Fig. 13C



14 Assemble forklift and auto lift.

Glue Part 8 to indentation in floor of Part 9 (Fig. 14A).

Bend posts of Part 10. Shorten each pair, if needed. Attach posts in pairs to front and rear of Part 9.

NOTE: Ridges on back of Part 11 fit in slots on Part 12. Glue Part 11 to Part 12. Attach flat area on Part 11 to flat area on lower front of Part 9.

To assemble auto lift, note position of skids (Fig. 14B) and glue protruding end of Part 13 in hole in Part 14. Drill hole in layout base the diameter of Part 13 and insert column in hole.

Fig. 14A

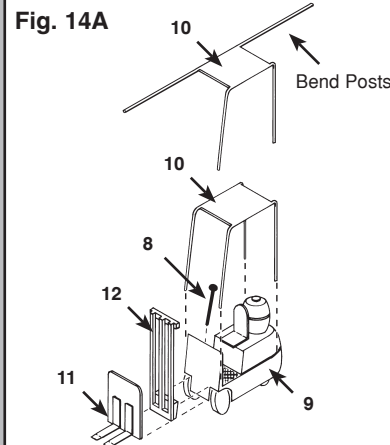
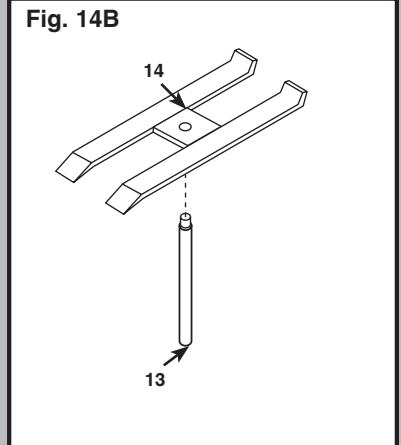


Fig. 14B



15 Assemble air compressor, engine hoist and tire rack.

To assemble air compressor, glue Part 15 to Part 16 (Fig. 15A).

To assemble engine hoist, glue Part 17 to Part 18 (Fig. 15B).

To assemble tire rack, glue both Part 19s between the two Part 20s. Allow to dry.

Fig. 15A

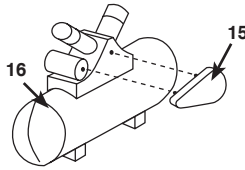


Fig. 15B

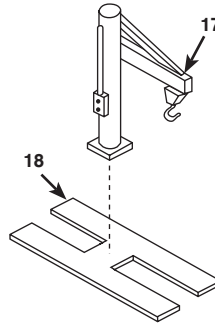
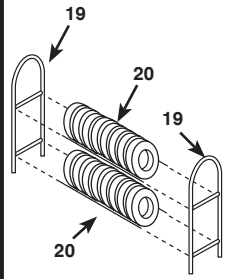


Fig. 15C



16 Assemble 3 gas storage tanks and kerosene tank on stand.

To assemble gas storage tank, glue Parts 21, 23 and 24 to each Part 22 (Fig. 16A).

Bend one Part 25 (Fig. 16A) and glue it to each Part 22 so that free end appears to enter layout base (trim end as necessary).

Assemble kerosene tank and stand by gluing two Part 26s to grooves in bottom of Part 27 (Fig. 16B).

Fig. 16A

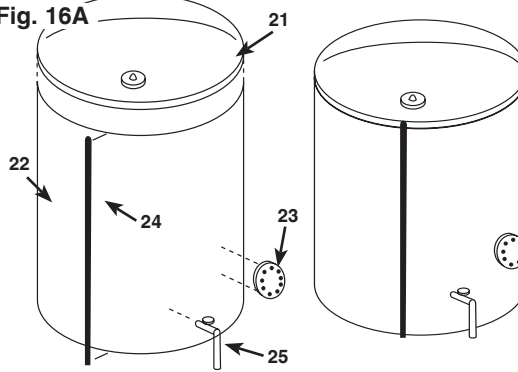
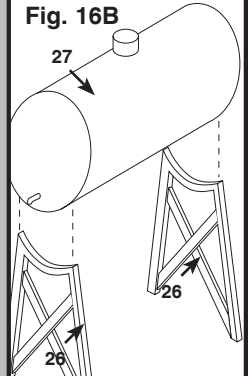


Fig. 16B



17 Assemble billboard, utility poles and station sign.

Glue poster to billboard Part 29. To assemble billboard, glue three Part 28s in grooves in back of Part 29 (Fig. 17A). Glue Part 30 to cross bars on front of the three Part 28s. Glue four lights, Part 7, to top of Part 29.

Attach Part 7 to Part 32 (Fig. 17B).

Glue one Part 7 to each side of Part 31 (Fig. 17C). Place signs where desired.

Fig. 17A

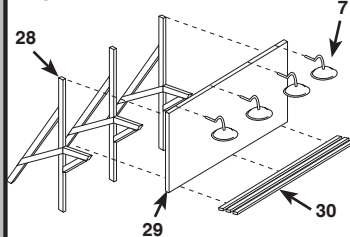


Fig. 17B

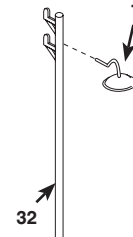
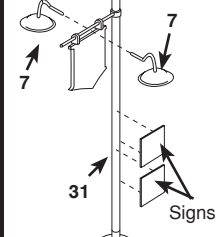


Fig. 17C



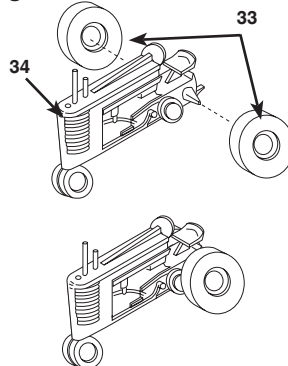
18 Assemble tractor and tow truck.

To assemble tractor, glue one Part 33 to each side of Part 34 (Fig. 18A). Be sure tires are aligned so tractor will sit level.

To assemble tow truck, determine angle of boom and glue broad end of Part 35 against hoist engine on plate in bottom of Part 36 (Fig. 18B). Glue Parts 36 and 37 to Part 38 (Fig. 18B). Glue four Part 39s to Part 38, allowing nipples to act as locators to ensure tires fit in wheel wells and are aligned so truck will sit level.

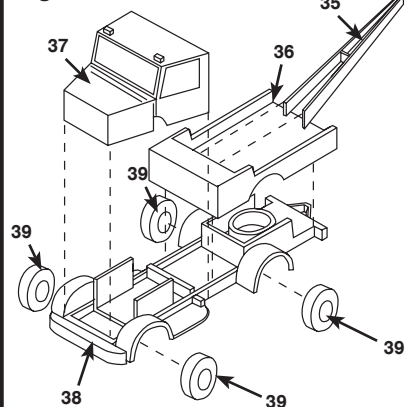
OPTIONAL: If desired, string thin wire along pulleys on Part 35.

Fig. 18A



Assembled Tractor

Fig. 18B



19

Glue all assemblies and Parts 40-65 in place on or around building.

Glue three Part 40s above each of the doors (Figs. 19A and 19B).

Glue Parts 41-43 to building (Figs. 19A and 19B) or where desired.

Glue Parts 44-65 where shown in picture on front of package, or in drawings, or where desired.

Fig. 19A

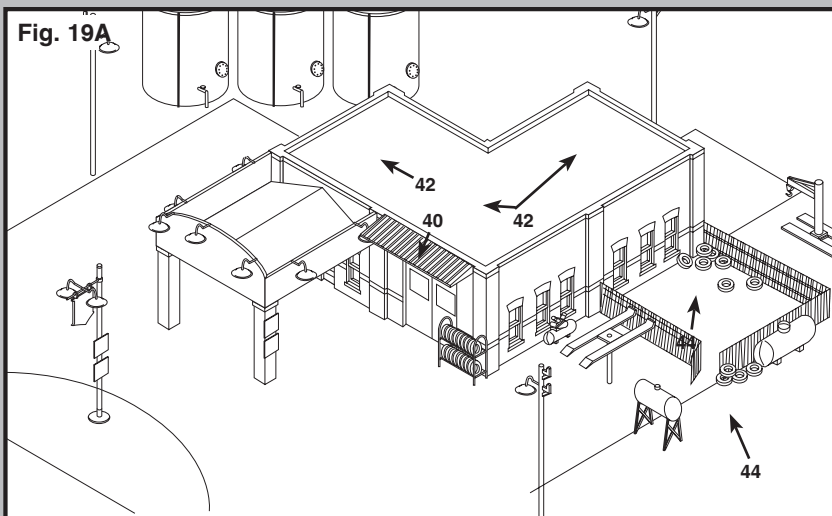
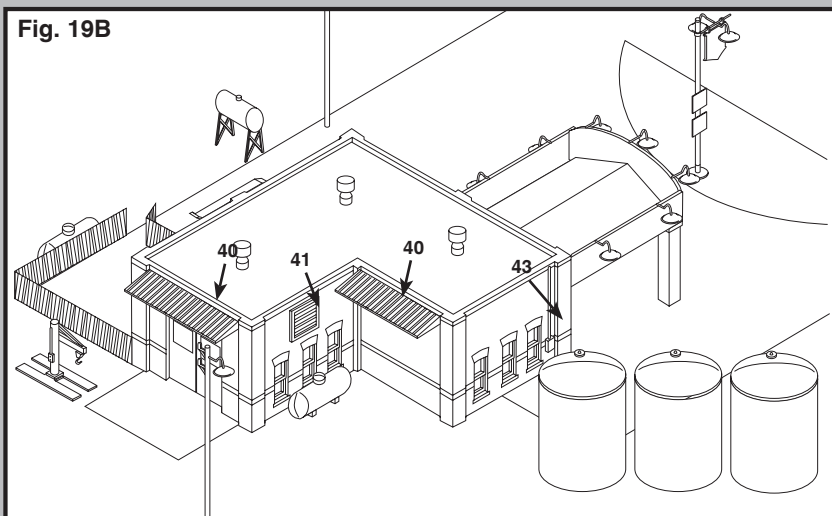


Fig. 19B



FINISHING TOUCHES

PAINTING

The appearance of any building is enhanced by painting. We recommend airbrushing with solvent-based enamel paints, such as Floquil, in a flat finish. Use water-soluble flat paint for brushing (color is your choice). We prefer natural brick colors in earth tones for the building. Other suggestions: roof - "Flat Black," vents - a black or gray color. Color of window and door frames can match or contrast with building. Building may be aged with chalks or lightly misted by airbrushing with thinned flat black paint such as Floquil "Grimy Black." Small details painted a contrasting color will add realism and enhance buildings' appearance. See the picture on the box for painting ideas. Scrape paint from glue points as necessary.

OPTIONAL IDEA

To complete the illusion that the building is occupied, place black paper (included in this kit) diagonally from corner to corner inside the building to block light from entering.

DRY TRANSFER DECALS

- Place the Dry Transfer Decal as shown in the picture on front of package or where desired.
- Hold carrier sheet gently so it cannot move while you rub over the decal with a burnisher or dull pencil.
- Carefully remove carrier sheet. If transfer was incomplete, let sheet fall back into place and transfer remainder.
- Place backing paper over decal and reburnish. Repeat with other decals.

NOTE: The cast details and Dry Transfer Decals in this kit were made by Woodland Scenics for Design Preservation Models. See the entire line of Woodland Scenics Dry Transfer Decals and castings at your local hobby shop.

Design Preservation Models
P.O. Box 66, Linn Creek, MO 65052
www.dpmkits.com