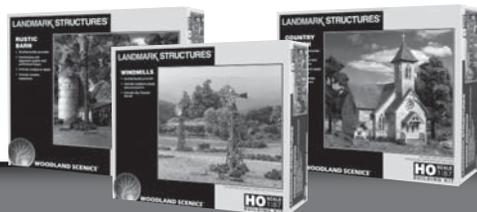


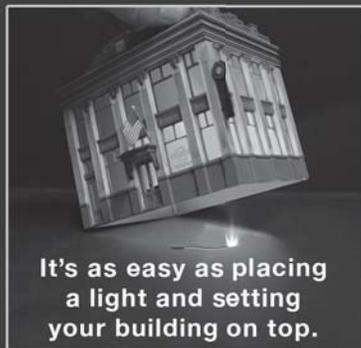
## Look for these other HO scale Landmark Structures Building Kits at your local hobby shop.

- PF5180 Fresh Market
- PF5181 Planters Feed and Seed Supply
- PF5182 Main Street Mercantile
- PF5183 Sonny's Super Service
- PF5185 O'Leary Dairy Distribution
- PF5186 Country Cottage
- PF5187 Woodland Station
- PF5188 D's Diner
- PF5189 Public Pavillion
- PF5192 Windmills
- PF5193 Deuce's Bike Shop
- PF5194 Mo Skeeters Bait & Tackle
- PF5195 Buzz's Sawmill
- PF5196 Corner Porch House



## Just Plug® LIGHTING SYSTEM

The Just Plug Lighting System is a complete, quick and easy way to add realism to new and existing layouts and other projects. No electrical knowledge or special tools needed. Just plug and you're done! Individual bulb brightness can be controlled, and special window film eliminates the need for building interiors. The modular design allows for easy expansion, and Just Plug works for all scales.



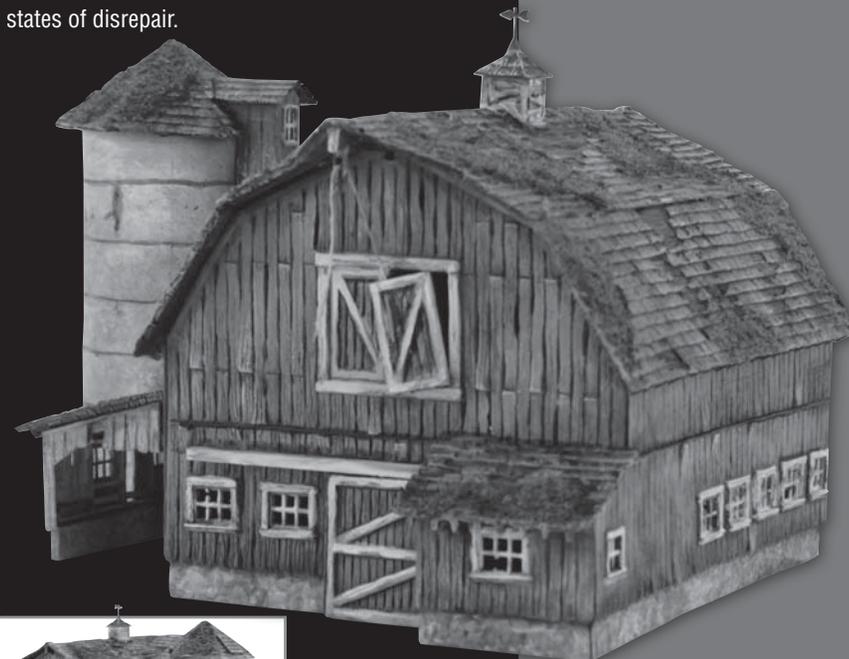
It's as easy as placing  
a light and setting  
your building on top.

## LANDMARK STRUCTURES®

**HO** SCALE  
1:87  
BUILDING KIT

### RUSTIC BARN PF5190

Model a stunning representation of a traditional gambrel barn with a concrete silo. Although this iconic beauty has seen better days, it will add charm and character to any layout. Details include field stone foundation, shake shingled roof, hayloft door with pulley and rope, a vintage weather vane atop a slatted cupola, concrete grain silo, implement shed, intricately styled paned windows and traditional barn doors in various states of disrepair.



#### MODELING AND CARE INFORMATION

This kit suggests the use of materials that may stain or cause damage. Take care to cover project area and clothing appropriately. Follow recommendations for use and cleanup.

**CAUTION:** Cutting tools recommended. Use with care.



**WOODLAND SCENICS®**

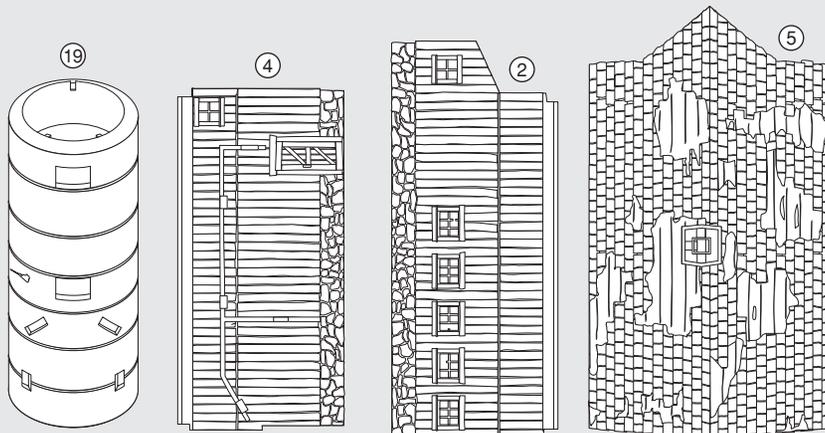
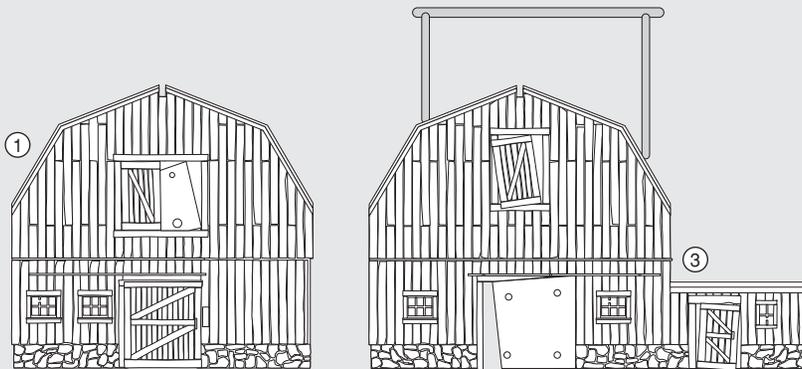
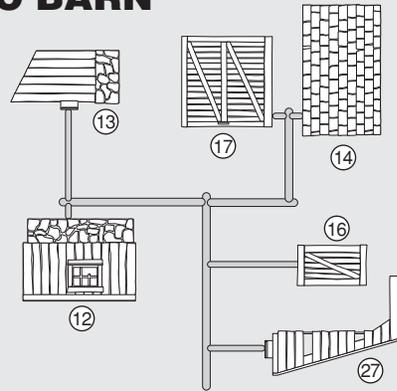
We make every effort to ensure our kits are manufactured complete. However, if this kit is missing a part, please make note of the kit name, number and missing part. Contact the Woodland Scenics Sales and Customer Service Department at PO Box 98, Linn Creek, MO 65052, 573-346-5555 or sales@woodlandscenics.com.

XPF5190INST J7 ©2013 O CO

## RUSTIC BARN

### Building Kit Contents

- Wall and Roof Sections
- Sprues with Details
- Pre-printed Window Material
- Clear Window Material
- String (to model rope)
- Turf for Roof
- Blackout Paper



### 5. Finish Assembly cont.

#### Roof cont.

- Align grooves underneath Roof Assembly with Building and glue in place (**Fig. 5n**).
- Glue Rope to Pulley and arrange as desired (**Fig. 5o**). **IDEAS:** Have it dangle loose or tuck it in behind Hayloft Door. Coat with white glue to make rigid.

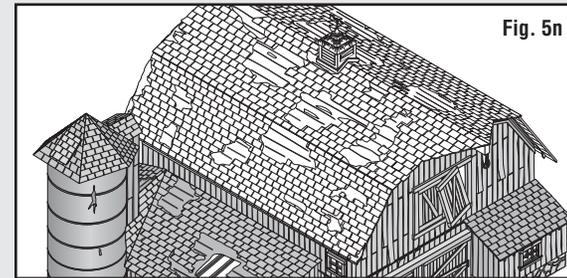


Fig. 5n

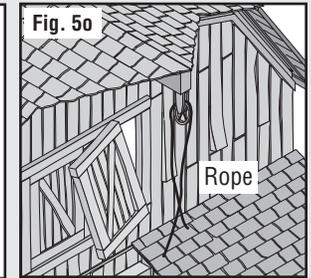


Fig. 5o

Rope

### 6. Add Turf to Roof

Use Scenic Cement or diluted white glue (diluted 1:1 with water) to attach Turf.

- Brush adhesive onto Roof where Turf is desired.
- Sprinkle on desired amount of Turf and press into glue (**Fig. 6a**). Let dry thoroughly.

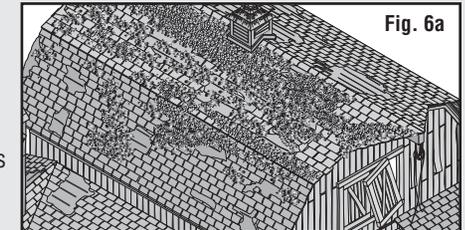


Fig. 6a

### 7. Blackout Paper

Give your structure the illusion of being occupied.

- Cut two strips of **Blackout Paper**, each measuring 6 1/2 in L x 2 1/8 in W. Place the two strips on top of each other and cut a notch half-way up (**Fig. 7a**). Assemble as shown (**Fig. 7b**).
- Cut one strip 2 1/8 in L x 1 1/8 in W.
- Cut one strip 3 3/4 in L x 1 1/4 in W.
- Insert strips into building (**Fig. 7c**).
- Place a drop of glue at the corner of each strip to hold in place.

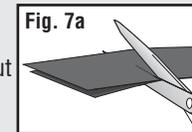


Fig. 7a

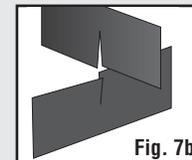


Fig. 7b

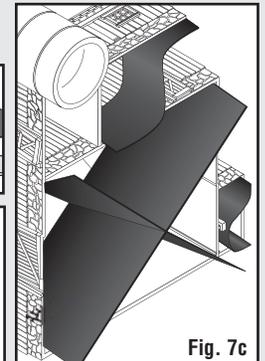


Fig. 7c

### Tips and Techniques

#### Painting Tips

**Airbrush or Hand-brush** Use enamel (solvent-based) or acrylic (water-soluble) flat finish paint.

**Aerosol** Use flat finish spray paint.

#### Weathering Techniques

**Weathering Wash** Using a paintbrush, dab on small amounts of Weathering Wash (formula follows) until desired look is achieved. Sponge off excess.

**Formula:** Mix 1 part acrylic paint (color suggestion: earth tone), 12 parts rubbing alcohol, 8 parts water and 1 drop liquid dish soap.

**Airbrush** Spray thinned flat black paint lightly onto select areas (color suggestion: grimy black). Add more where discoloration occurs naturally (near windows, roof details, etc.).

**Chalk** Rub a dark color of pastel chalk on sandpaper to create chalk dust (color suggestion: gray, black, brown, etc.). Using a paintbrush, dab chalk dust where discoloration can occur.

## 5. Finish Assembly cont.

### Implement Shed

- Glue Shed Back Wall (26) and Shed Front Wall (27) to Shed Side Wall (25) (Fig. 5e). Make sure walls are aligned and square.
- Snap Implement Shed Assembly into place on Wall (4) (Fig. 5f). Apply glue along hidden seam and on inside tabs.
- Align and snap Implement Shed Roof (24) into place (Fig. 5g). Apply glue along hidden seams and on inside tabs.

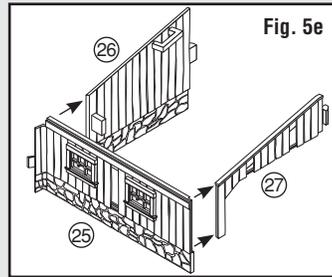


Fig. 5e

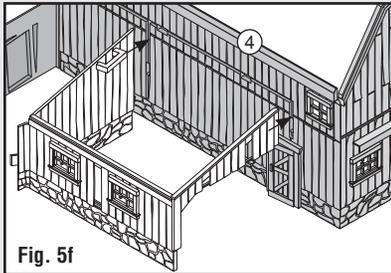


Fig. 5f

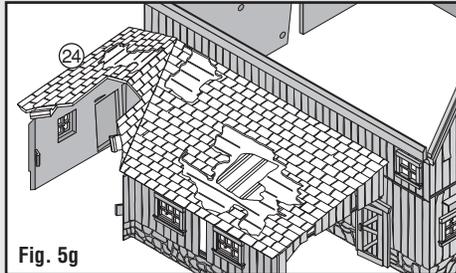


Fig. 5g

### Silo

- Glue Silo Roof (22) to Silo (19) (Fig. 5h).
- Attach Chute (20) and Chute Roof (21) (Fig. 5i).
- Glue Load Door (23) to Silo Roof (Fig. 5j).
- Snap Silo Assembly into place on Implement Shed and apply glue onto tabs inside of Silo (Fig. 5k).

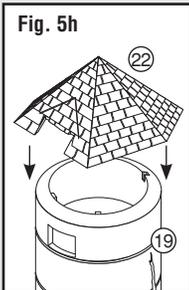


Fig. 5h

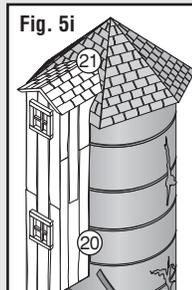


Fig. 5i

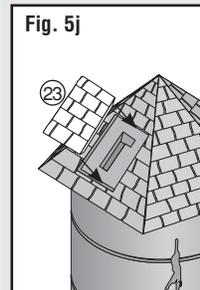


Fig. 5j

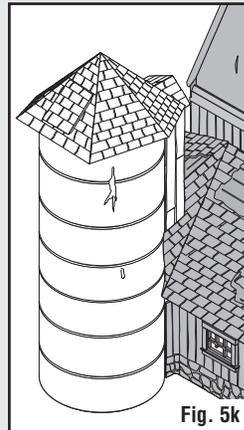


Fig. 5k

### Roof

- Glue Pulley (8) in place underneath Roof (Fig. 5l).
- Glue Slatted Cupola (9), Cupola Roof (10), and Weather Vane (11) in place on Roof (Fig. 5m).

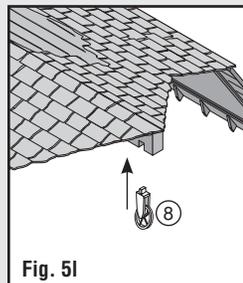


Fig. 5l

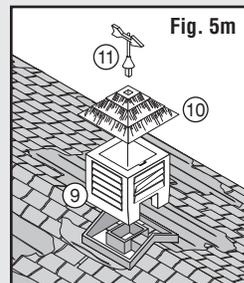
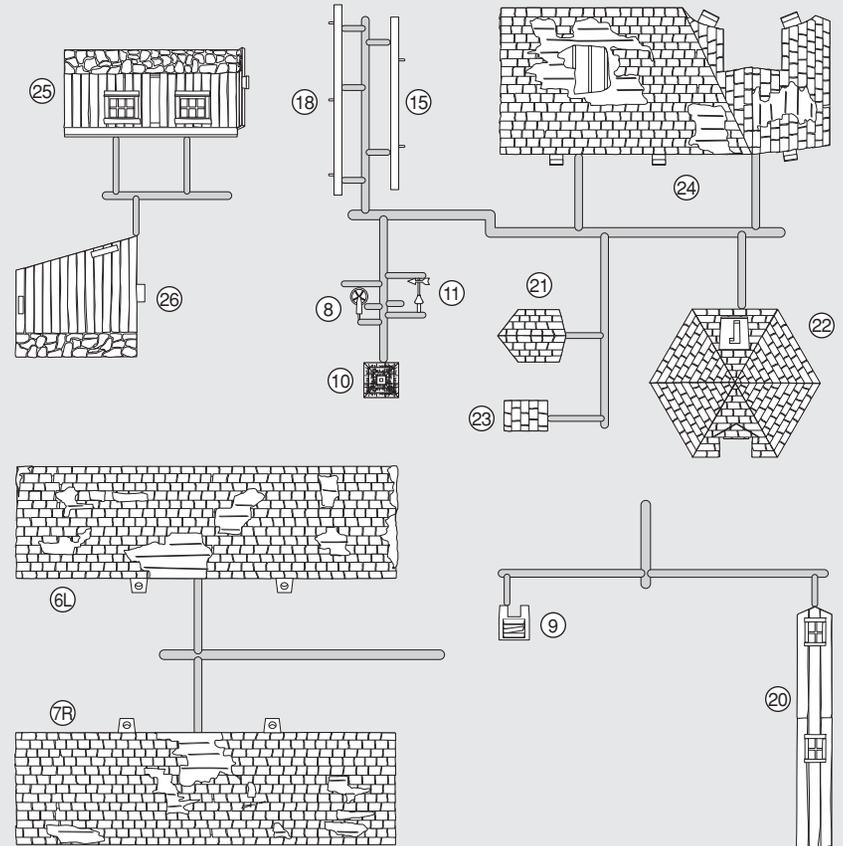


Fig. 5m



### Before You Begin

- Read through instructions.
- Collect additional supplies.
- Check kit contents and verify Details.
- Cover project area with newspaper.

**TIP!** To assist in assembly, refer to exploded-view illustration on back of box.

### Additional Supplies Needed

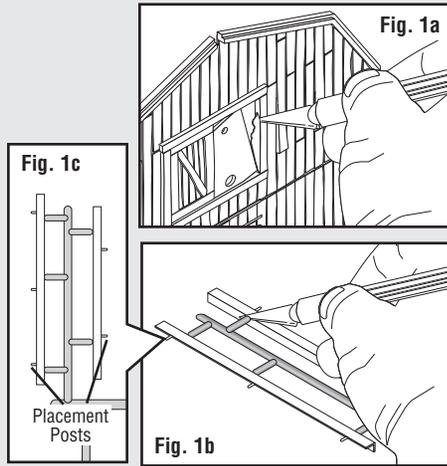
- |                                                              |                                                                       |
|--------------------------------------------------------------|-----------------------------------------------------------------------|
| <input type="checkbox"/> Paints (acrylic and/or enamel)*     | <input type="checkbox"/> Cyanocrylate Adhesive (CA glue / super glue) |
| <input type="checkbox"/> Primer*                             | <input type="checkbox"/> Fine Grade Sandpaper                         |
| <input type="checkbox"/> Painting Tools                      | <input type="checkbox"/> Tweezers                                     |
| <input type="checkbox"/> Scenic Cement™ (S191) or White Glue | <input type="checkbox"/> Scissors                                     |
| <input type="checkbox"/> Hobby Knife                         | <input type="checkbox"/> Newspaper                                    |

**NOTE:** Always allow glue to set before moving to the next step. Avoid contact with detail on parts.

\*Contact your local hobby shop for recommendations.

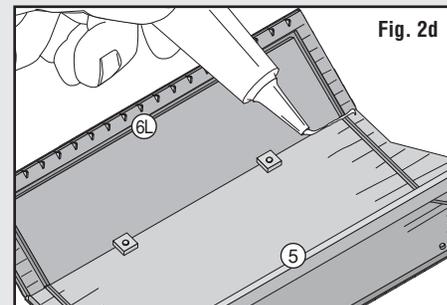
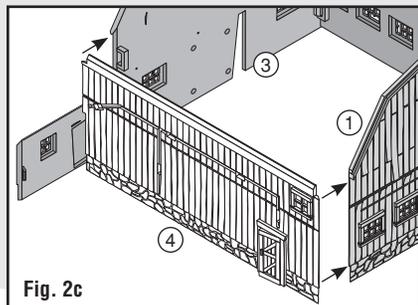
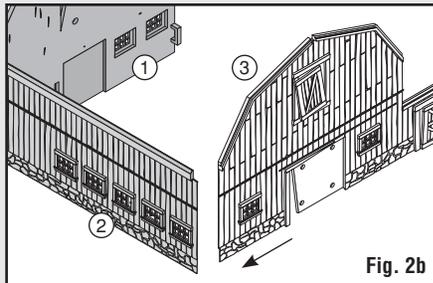
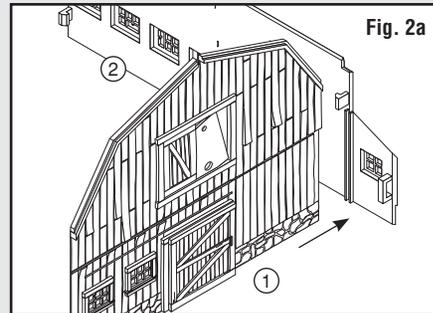
## 1. Building and Detail Preparation

- Remove mold flash from Wall Sections, Roof Sections and Details using a hobby knife and sandpaper (**Fig. 1a**). Do not remove Details from sprues at this time.
- Wash Wall Sections, Roof Sections and Details in warm, soapy water using a mild detergent. Rinse and let dry.
- Details can be left on sprues or removed for priming and painting. Remove using a hobby knife (or flush cutting shears) and sand off parting lines (**Fig. 1b**). Details may be easier to paint on sprue. It also makes identifying parts easier during assembly.
- Do not remove placement posts or installation tabs (**Fig. 1c**).



## 2. Begin Building Assembly

- Align Front Wall ① with the groove on the backside of Right Wall ② and snap into place (**Fig. 2a**).
- Snap Wall ③ into place on Wall ② (**Fig. 2b**).
- Align Wall ④ with Walls ① and ③ and snap into place (**Fig. 2c**). Make sure Wall ④ is aligned in groove on Wall ③.
- Verify Walls are square, and then apply glue along inside seams.
- Assemble Roof using Building as a guide. Align Left Roof Section ⑥L with Center Roof Section ⑤ and apply glue along inside seam (**Fig. 2d**). After glue has begun to set, place Roof Sections on Building and check alignment. Make any needed adjustments, and hold in place until set. Repeat with Right Roof Section ⑦R.
- Do not glue Roof to Building at this time. Assembly continues in Step 5.

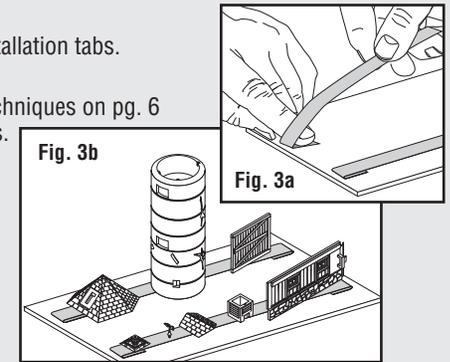


## 3. Prime and Paint

Do not prime or paint placement posts or installation tabs.

- Apply a thin coat of primer and let dry.
- Paint as desired and let dry. See Tips & Techniques on pg. 6 for painting tips and weathering techniques.
- Paint front and backside of Wall ②5. Both sides are visible.
- Paint Rope as desired.

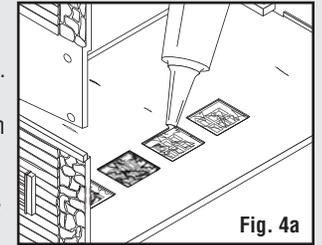
**TIP!** To make priming and painting loose Details easier, secure them to strips of masking tape (sticky side up) attached to a piece of cardboard (**Fig. 3a and 3b**).



## 4. Install Window Material

Position printed side of Pre-printed Window Material toward inside of Building. Remove protective film before installation. If clear windows are preferred, use Clear Window Material.

- Determine appropriate piece of Window Material for each window opening.
- Insert Window Material into recess of window openings on inside of Building. Dab a tiny amount of glue carefully around edges (**Fig. 4a**).

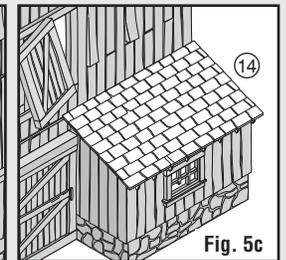
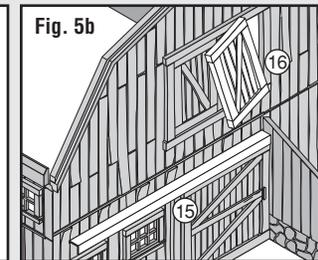
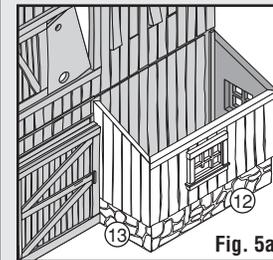


## 5. Finish Assembly

If Details were left on sprue while painting, remove using a hobby knife (or flush cutting shears). Sand parting lines and touch-up with paint.

### Front

- Glue Front Storage Wall ⑫ to Side Storage Wall ⑬. Snap Assembly into place on Front Wall and apply glue on inside seams. (**Fig. 5a**)
- Glue Front Sliding Door Guide ⑮ and Hayloft Door ⑯ in place (**Fig. 5b**).
- Attach Storage Roof ⑭ with rafters facing forward (**Fig. 5c**).



### Back

- Glue Back Sliding Door ⑰ and Back Sliding Door Guide ⑱ into place (**Fig. 5d**).

