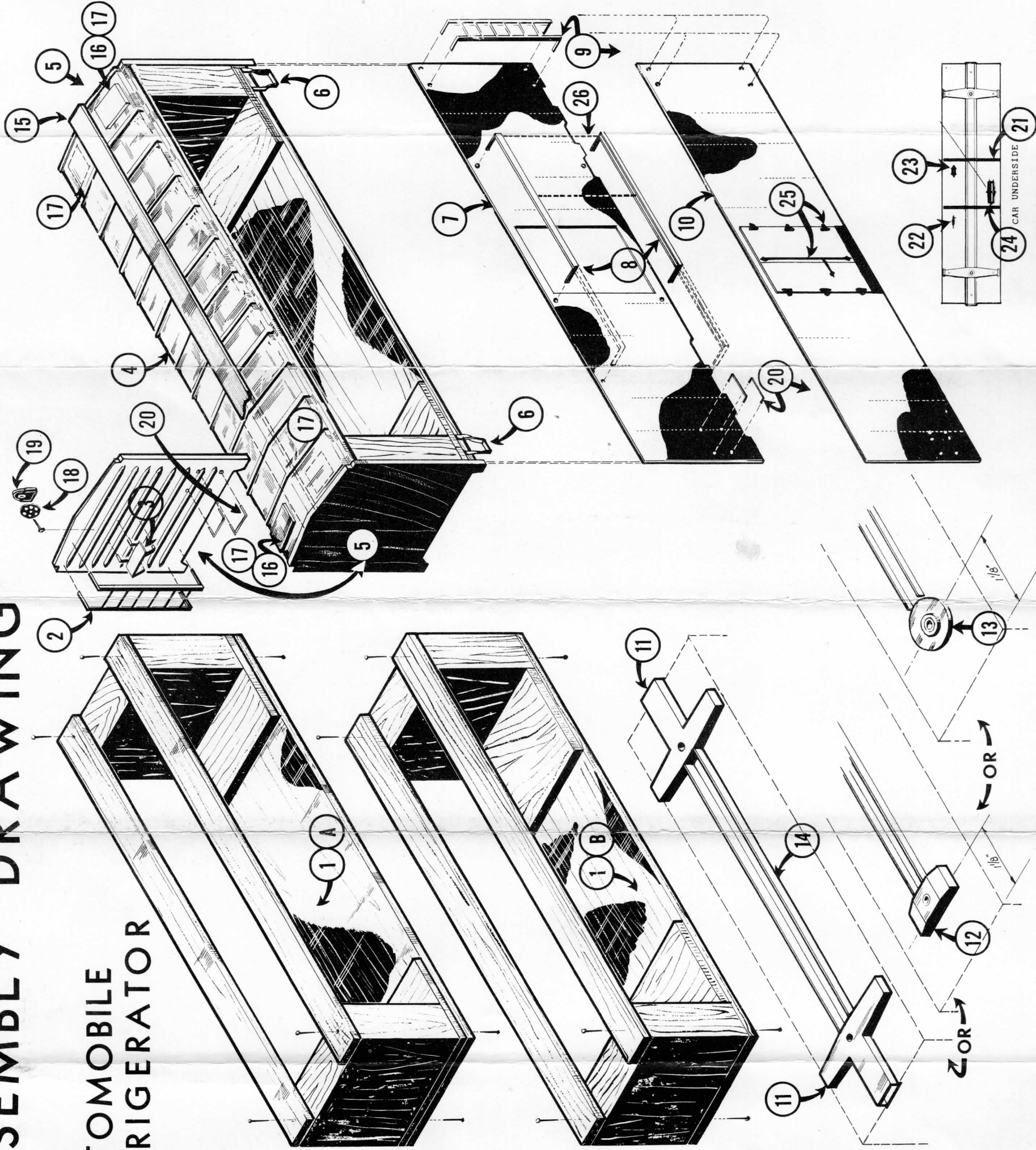


ASSEMBLY DRAWING

BOX AUTOMOBILE REFRIGERATOR

ASSEMBLY

- Cement together wood underbody, using assembly as shown in (1A) for box and auto cars; assembly shown in (1B) for refrigerator (reefer) cars.
- Mount ladders (2) on both corrugated car ends by inserting lugs, turning over on back and securing with a drop of cement.
- Mount brake platform (3) on "A" corrugated end only.
- Cement roof (4) in place on wood underbody, allowing equal spacing between roof and underbody along both side edges.
- Cement both corrugated metal car ends in place. (5)
- Cement four car steps (6) in place, flattening ends as shown.
- Give underbody and all mounted parts thereon a first coat of paint.
- On box and auto cars only, attach four door sliders (8) to metal car sides by inserting lugs and folding over. Be sure slot side of sliders are down at top and up at bottom, for later insertion of side doors.
- Attach two ladders (9) to metal car sides (7) or (10) or (12) or (13) show different types of bolsters, used on various types of cars. Select the one to use by matching parts to those pictured.
- Cement car center sill (14) in place.
- Insert metal car sides (7) or (10) into space left between wood underbody and corrugated metal car ends and slide up towards the top of car until top edge of car sides are under edge of metal roof. If car sides do not go into place easily, enlarge clearance space by carving out a small amount of wood from the underbody. Do not force or bend the car side in this operation. After seeing that this work can be done, remove the side and apply cement to the rear. Reinsert into place and allow model to stand with a book or other weight on top with the car on its side until fully dry.
- Cement roof walk (15) in place.
- Cement two roof end platforms (16) in place on box and auto cars or four ice hatches (17) on reefer cars.
- Using small escutcheon pin, mount brake wheel (18) and brake housing (19) as shown.
- Mount eight grab irons (20) in place, two each on sides and ends.
- Cement in place four cross braces (21) brake valve (22) brake cylinder (23) and brake reservoir (24) on floor of car.
- Break off hinges and latch bars from the plastic sprue which joins them. Cement on reefer car sides as shown (25) being careful not to allow extra cement to smear painted car sides.
- Two side doors (26) can now be installed on box cars or four side doors on auto car types. But it is suggested that before this work is done, final painting job be finished, keeping inside of door sliders free from paint and covering doors separately for a good job.
- Final step of assembly is to install trucks and couplers which is covered in detail on another sheet showing different types of rolling mechanisms.



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