

**Documentation Package
For
HO-Scale Mather Single Deck Stock Car**



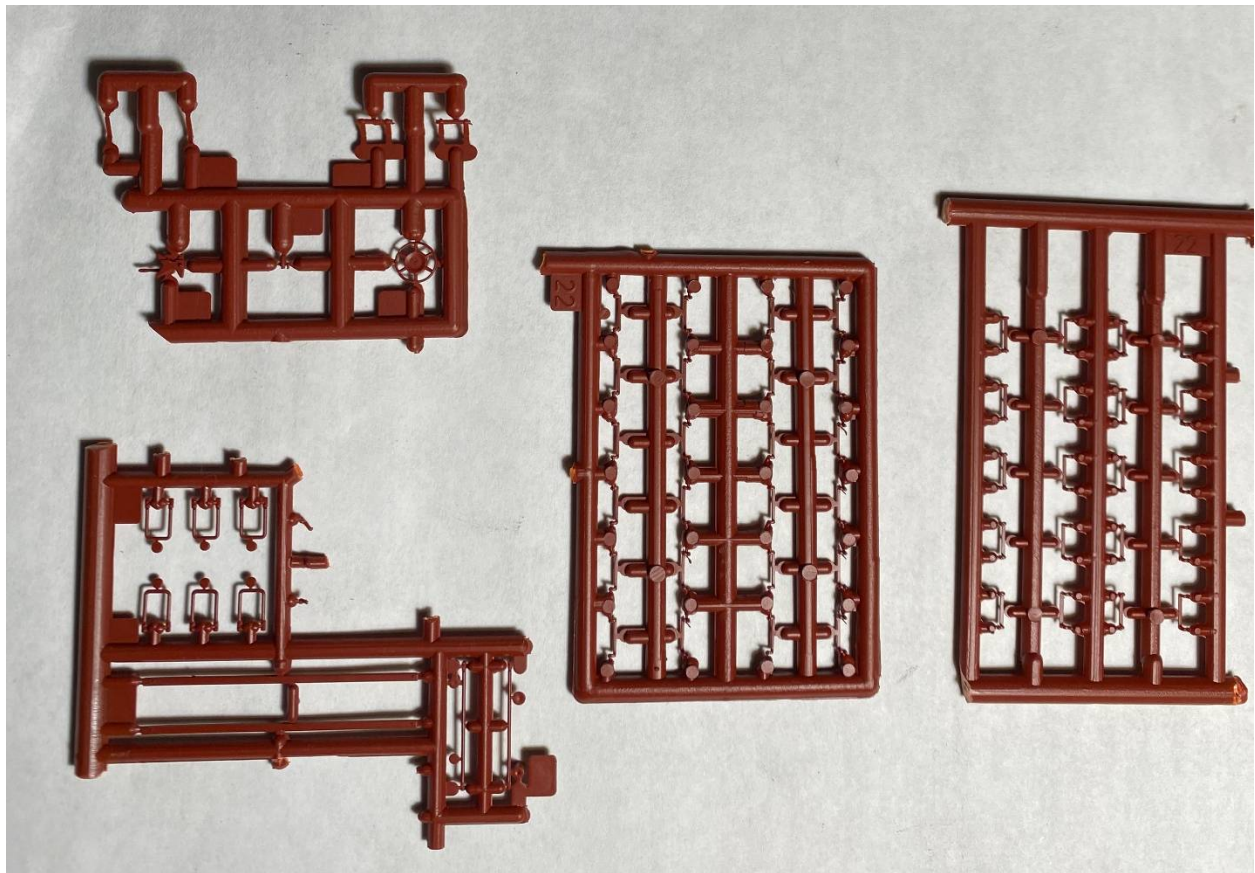
**Submitted as part of the NMRA AP
Car Certificate Requirements
By
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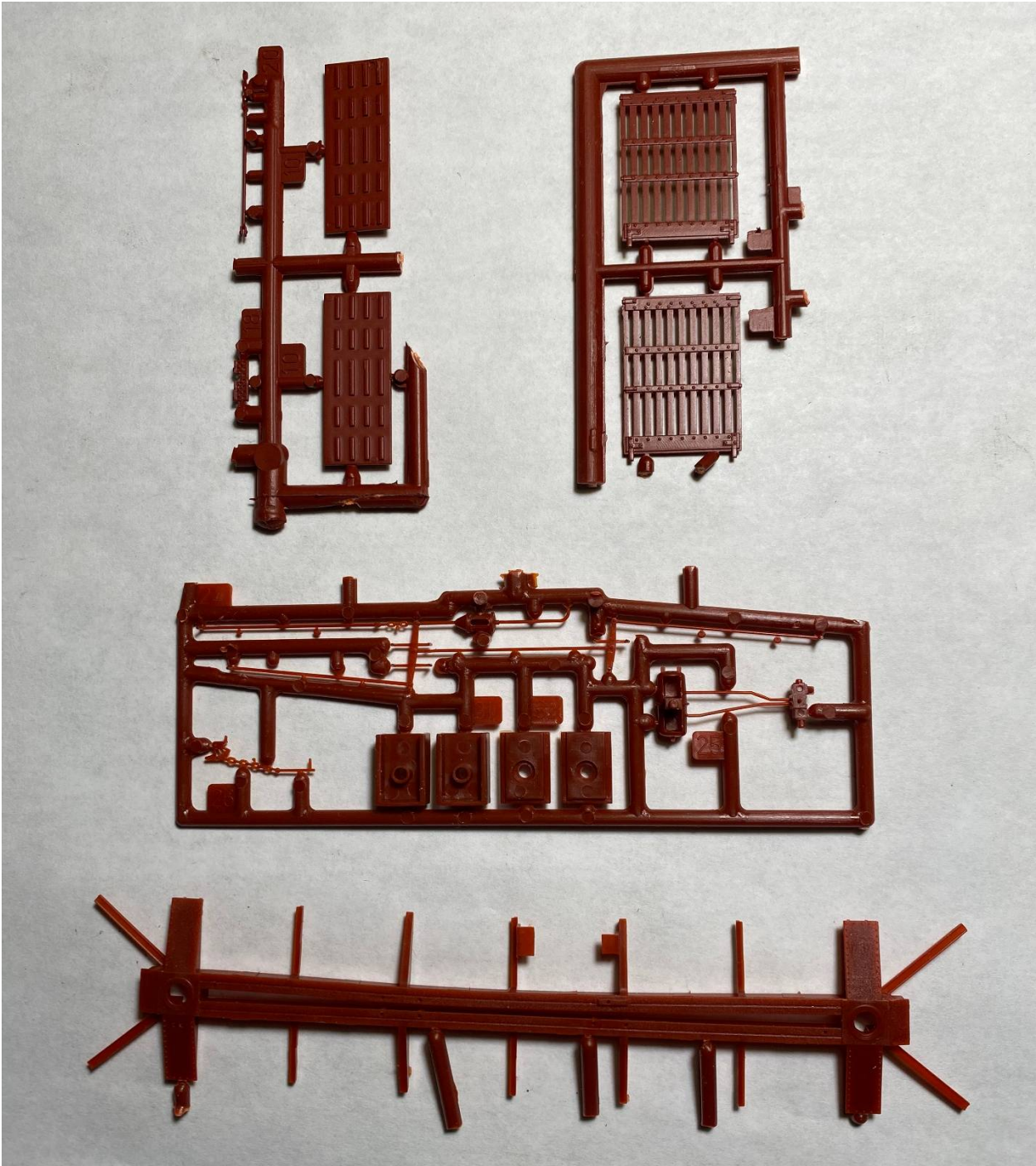
Mather Single Deck Stock Car

I am pleased to present my Mather Single Deck Stock car as a super detailed car and not for merit-based judging. This car began as a Life-Like Proto 2000 kit. The appendix to this tome lists all the 76 major parts that I assembled to create the car. The list excludes such rudimentary parts such as weights (2), couplers, coupler springs, coupler lids, coupler screws (8), trucks (2) and wheels (4). Where it was appropriate, I substituted phosphor bronze wire in place of the plastic kit part. As noted in the appendix part listing there are several non-kit parts that I added to increase the reality and detail of this fine car.

The instructions that came with the kit noted "In order to achieve maximum prototype fidelity, our detail parts are quite small, with dimensions as small as 0.3 mm to reproduce important details....."

The appendix lists the many parts I assembled to create this car. The following photos show the numerous sprues that the parts were originally attached to.







APPENDIX

Expanded Parts List for Mather Single Deck Stock car

Part Name	Part Count	Comments
Body	1	
Underframe	1	
Air Reservoir / Triple Valve	1	
Air Cylinder / Brake Linkage	1	
Brake Rod Base	1	
Coupler Boxes	2	
Floor	1	
Bulkheads	2	
Door Guides	2	
Long Grabrail	2	
Doors	2	
Brake Housing	1	
Brake Rod and Chain	1	
Right Hand Stirrup Step	2	
Left Hand Stirrup Step	2	
Grab Irons	32	
Brake Step	1	
Brake Step Supports	2	
Brake Wheel	1	
Roof Walk	1	
Roof	1	
Roof Grab Irons	4	Replaced with Phosphor Bronze Wire
Air Retained Valve	1	
Roof Supports	2	
COTS Stencil	1	Added, not in kit
Cal Scale Air Hose	2	Added, not in kit
Coupler release lever	2	Added, not in kit
Tichy eye bolts	4	Added, not in kit
Part Count Total	76	