

MJ Co passenger coach

BILL OF MATERIAL

ETCHED ITEMS				Photo Etch Consultants, UK
0,3 mm brass				
No	Ready?	Number of items	Description	Source
Underframe				
E1		1	Underframe, main part	
E2		2	Riveted solebar overlay	
E3		2	Destination-card holder	
E4		4	Coupler hook	
E5		4	Coupler chain (triangular + oval)	
E6		2	Drop step	
E7		2	Riveted head stock overlay	
E8		2	Bogie mounting pad	
E9		1	Intermediate plate	
E10		1	Intermediate washer (for 3-point suspension of bogie)	
E11		1	Bending jig: footstep bracket	
E12		4	Corner angle	
Carbody				
E20		1	Carbody, main part	
E21		1	Check gauge: carbody wall	
E22		2	Window inner frame	
E23		10	Window outer frame	
E24		8	Railing holder	
E25		2	End of train signal light cover	
E26		2	End wall	
E27		6	"T" door handle (end doors and intermediate door)	
E28		1	Postbox	optional
E29		1	Mounting plate for postbox	optional
E30		1	Postbox overlay	optional
Interior				
E40		1	Interior, main part	
E41		2	Interior, end wall	
E42		1	Intermediate wall (4 parts to laminate)	
E43a		1	Luggage rack, long	
E43b		2	Luggage rack, long, one end cut to clear fastening box	

E44		2	Luggage rack, short	
E45		13	Luggage rack bracket	
E46		2	Bench, long	
E47		2	Bench, short	
E48		1	Check gauge: bench	

Roof

E60		1	Ceiling	
E61		1	Roof, outer	
E62		1	Check gauge: roof radius	
E63		2	Roof end profile	

Platform

E70a		2	End railing with integrated gates	
E70b		2	End railing with separate gates	optional
E70c		2	End railing without gates	optional
E71		1	End railing top rail	
E72		1	End railing top rail with brake staff support	
E73		4	Platform gate (for E60b)	optional
E74		2	Platform floor	Alternative: wood

Brake

E80a		1	Brake handle	
E80b		1	Brake wheel	optional
E81		1	Brake die support	
E82		1	Brake bottom support (right + left)	
E83		1	Brake L-angle	
E84		2	Brake link	
E85		1	Brake rod to bogie	

Bogie

E90			Bogie bolster	
E91			Riveted strip for U-beam	
E92			Riveted angle	
E93			Detail on U-beam	
E94			Chain link bogie-carbody	
E95			Plate for split frame construction	optional

CAST ITEMS					Korea brass
<i>Brass</i>					
<i>No</i>	<i>Ready?</i>	<i>Number of items</i>	<i>Description</i>		<i>Source</i>
C1		2	Chimney (2 parts)		
C2		4	Bogie side		

C3		4	Corner post holder	
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PURCHASED ITEMS				
No	Ready?	Number of items	Description	Source
P1		4	Ø9,7 mm wheelset	NorthWest Short Line / USA
P2		2	Kadee no 5	Kadee / USA
		1	M1 screw	Old Pullman / CH
		1	M1 nut	Old Pullman / CH
		16+2	M2 screw	Clas Olsson / SE
		10+2	M2 nut	Clas Olsson / SE
			Ø0,3 mm phosphor-bronze rod <ul style="list-style-type: none"> Roof attachment, friction coupling to M2 screw 0,05 m 	
			Ø0,4 mm brass rod <ul style="list-style-type: none"> Window protection bars 0,25 m Railings 0,25 m 	Hassler / Lichtenstein
			Ø0,5 mm brass rod <ul style="list-style-type: none"> Footstep bracket reinforcement 0,25 m Inner window fastener 0,15 m Drop step hinges 0,05 m Brake 0,05 m 	Hassler / Lichtenstein
			Ø0,7 mm brass rod <ul style="list-style-type: none"> Brake staff 0,1 m 	Hassler / Lichtenstein
			Ø0,8 mm brass rod <ul style="list-style-type: none"> Platform corner post 0,25 m Underframe truss rod / queen post 0,3 m 	Hassler / Lichtenstein
			2,5 x 1,5 mm U-profile <ul style="list-style-type: none"> Bogie end beam 0,2 m 	Hassler / Lichtenstein
			1,5 x 1,5 mm square brass profile <ul style="list-style-type: none"> Platform 0,1 m 	Hassler / Lichtenstein
			Transparent plasticard for windows (0,25 mm, half sheet)	Evergreen 9006
			Transparent red plasticard for end signal	Nievergelts / CH
			Lens cleaning paper for tar paper roof	Kodak