



8/3/2017

# 1890 HOOK & LADDER WAGON

## Parts Lists MS6007

PART #	ITEM	QUANTITY	DESCRIPTION/NOTES
<b>BRITANNIA CASTINGS</b>			
WP6007-1	1/4" Square head	12	
WP6007-2	3/8" Square head	25	
WP6007-3	1/4" Round head	28	
WP6007-4	3/8" Round head	6	
WP6007-5	9/16" Threaded	2	
WP6007-6	Hook	1	
WP6007-7	Half Ring Pivots	2	
WP6007-8	Lifting Arm Braces	2	
WP6007-9	Wingnut	1	
WP6007-10	Rope Pulley	1	
WP6007-11	Ladder Cleats	4	
WP6007-12	Rung Stops	2	
WP6007-13	Stop Lever	1	
WP6007-14	Reel Stops	2	
WP6007-15	Rope Cleats	2	
WP6007-16	Square Pivot Shaft	1	
WP6007-17	Crank Handle	1	
WP6007-18	Rope Reel	1	
WP6007-19	Rear Axle Braces Round Head	2	
WP6007-20	Rear Axle Braces with Nut	2	
WP6007-21	Front Axle Braces all Nuts	2	
WP6007-22	Front Axle Braces Round Head	2	
WP6007-23	Frame Reinforcement Bracket	4	
WP6007-24	Lifting Arm Holder	2	
WP6007-25	Rope Reel Handles	2	
WP6007-26	Center Frame Braces	2	
WP6007-27	Rope Reel	1	
WP6007-28	Axles 1 Front / 1 Rear	2	
WP6007-29	Fifth Wheel Support Arm	1	
WP6007-30	Rope Handle	1	
WP6007-31	Running Board Braces	4	
WP6007-32	Fifth Wheel "Y" Brace	1	
WP6007-33	Axle Cleats Small	2	
WP6007-34	Axle Cleats Large	2	
WP6007-35	Rear Axle Cross Brace	2	

WP6007-36	Center Pivot Cleat Brace	1
WP6007-37	Rear Ladder Roller Bracket	2
WP6007-38	Center Pivot Cleat	1
WP6007-39	Upper Half Fifth Wheel	1
WP6007-40	Lower Half Fifth Wheel	1
WP6007-41	Front Ladder Roller Brackets	2
WP6007-42	Middle Ladder Roller Brackets	2
WP6007-43	Front Axle Support Braces	2
WP6007-44	Rear Axle Support Braces	2
WP6007-45	Ladder Rollers	3
WP6007-46	Axle Braces	2
WP6007-47	Running Board Support Brackets	4
WP6007-48	Pulley Yoke	1
WP6004-20	Wheel Rim Cleats	8
WP6003	Wheel Hub	4

### MISCELLANEOUS FITTINGS AND MATERIAL

WP160K-12	Brass Rod - 1/32" x 12"	3
WPDRL22667	Drill bit #67	1
WPDRL22655	Drill bit #55	1
WPDRL22652	Drill bit #52	1
WP0993	#8 Pins	50
BDC52301	Black Tuff Cord .0108"	4"
WP1202	Red Thread	8"
WP1223	White Ladder Rope .040"	2'
WP1234	Tan Man Pulling Rope .078"	7'
WP0957	Brass Split Ring 5/16"	2

### WOOD STRIPS

Note: All wood is Basswood or Limewood (European Basswood) unless otherwise noted. Wood strips are supplied in lengths as noted. Cut to length as required.

#### STRIPS

WP3631-24	1/8" x 1/8" x 12"	1	cut 8 to 1" & 1 to 2-5/8"
WP3625-24	3/32" x 3/32" x 12"	1	cut 2 to 5-13/16"

#### DOWELS

WP5101-24	Dowel 1/8" x 24"	4
WP5103-24	Dowel 3/16" x 18	1

### LASER-CUT WOOD PARTS

Note: All Laser-Cut wood is Basswood or Limewood European Basswood unless otherwise noted.

LW1	<u>1/8" Thick Basswood</u> WP4613-24	1	Left Upper Ladder Side, Lower Ladder Rails, Upper Ladder Side Tracks, One Story Ladder Side Rails.
LW2	<u>1/8" Thick Basswood</u> WP4613-24	1	Right Upper Ladder Side, Right Lower Ladder Side Left Lower Ladder Side
LW3	<u>1/8" Thick Basswood</u> WP4613-24	1	Running Boards, Cross Members, Axle Brace Rear-Front Axle Support, Pulley Brace, Side Frames

LW4	<u>3/32" Thick Plywood</u> 1 WP4651-24	Wheel Rims, Drill Jig Bottom
LW5	<u>1/64" Thick Plywood</u> 1 WP4656-24	Drill Jig Top, Spacers
LW6	<u>3/32" Thick Basswood</u> 1 WP4627-24	Spokes
LW7	<u>1/32" Thick Gasket material</u> 1 Brackets WP3157	Small Square Nuts, Axle Nuts and Cleat
LW8	<u>1/32" Thick Gasket Material</u> 1 WP3157	Wheel Tires

### **PLANS AND INSTRUCTIONS**

WP6007MB	Instruction Manual	1
WPPL6007-A	Plan set of 4 sheets	1
WPPL6007	Parts List	1

### **NOTE:**

- Before painting hubs spray with aluminum primer
- For bolt quantities see bolt application sheet