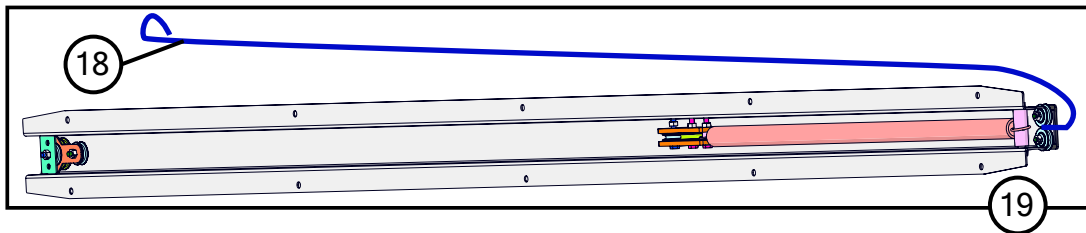




Manual

SPRING RETURN CABLE ROUTING

GRAIN CART AND LARGE GRAVITY WAGON SERVICE MANUAL



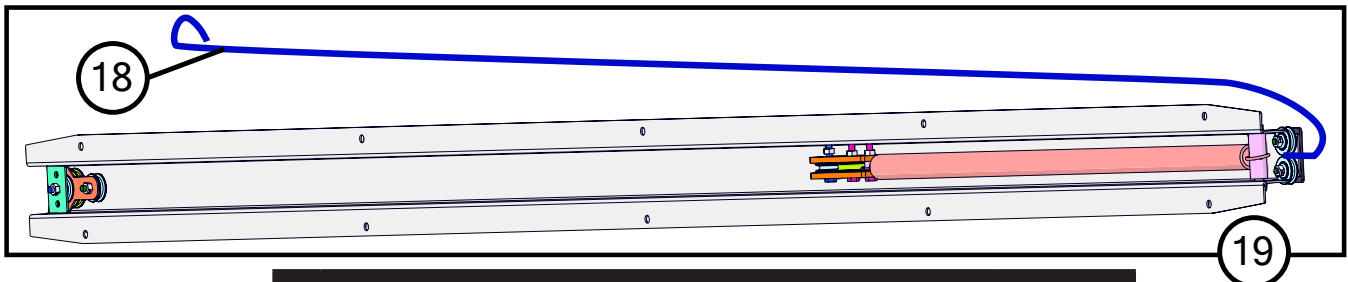
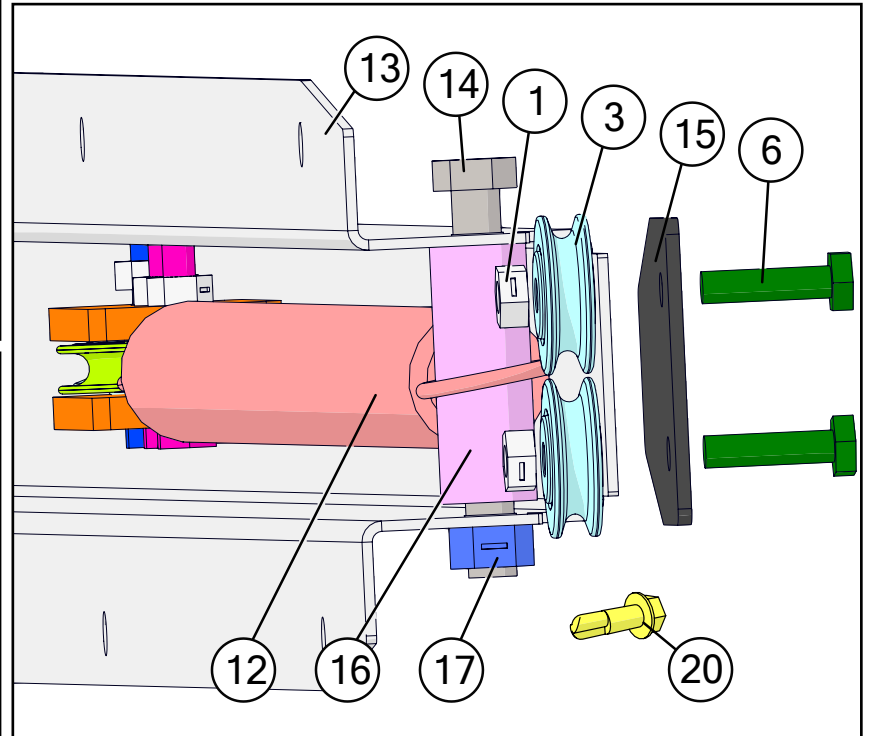
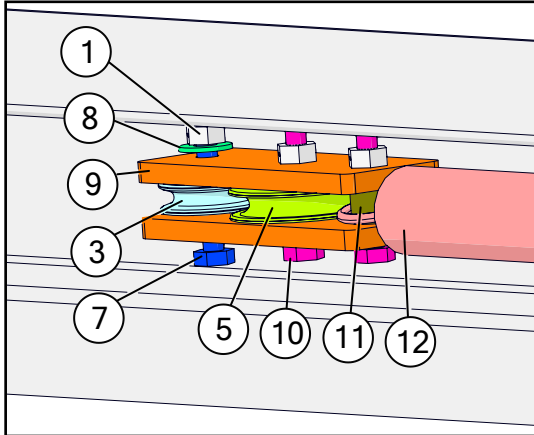
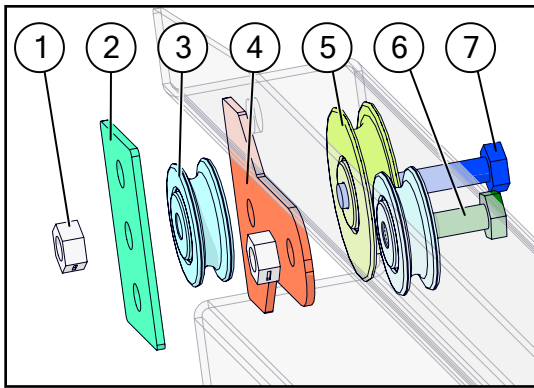
Rev. 11.7.2024

J&M Manufacturing Co, Inc

284 Railroad Street - P.O. Box 547 | Fort Recovery, OH 45846 | Ph: (419) 375-2376 | Fax: (419) 375-2708

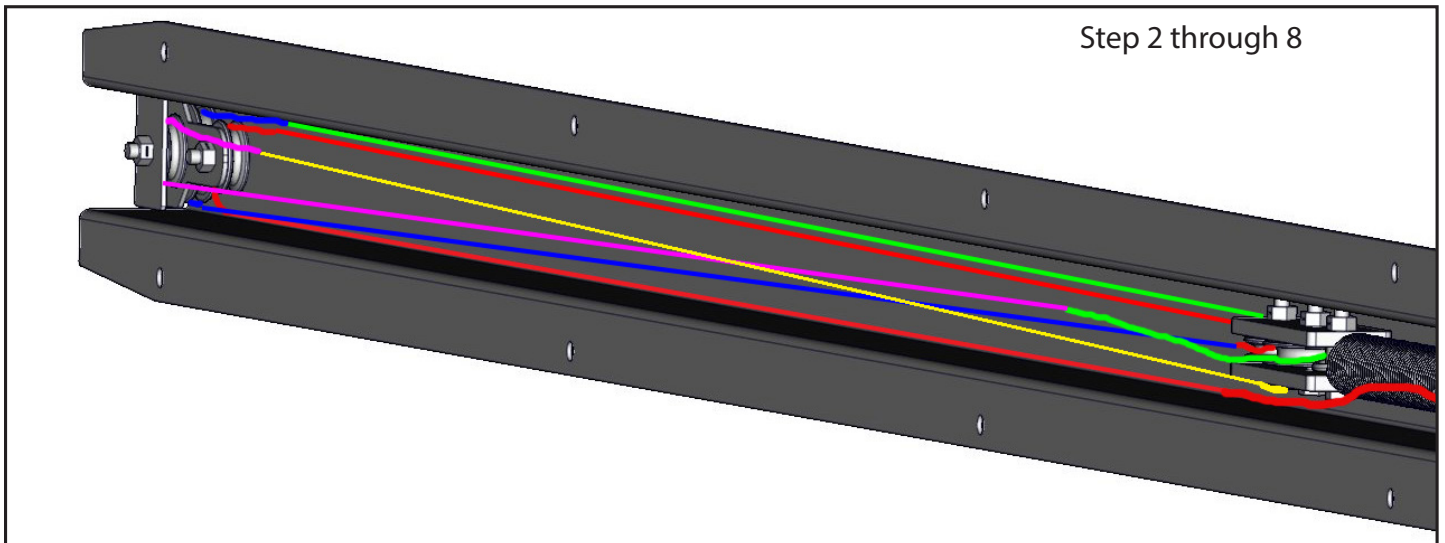
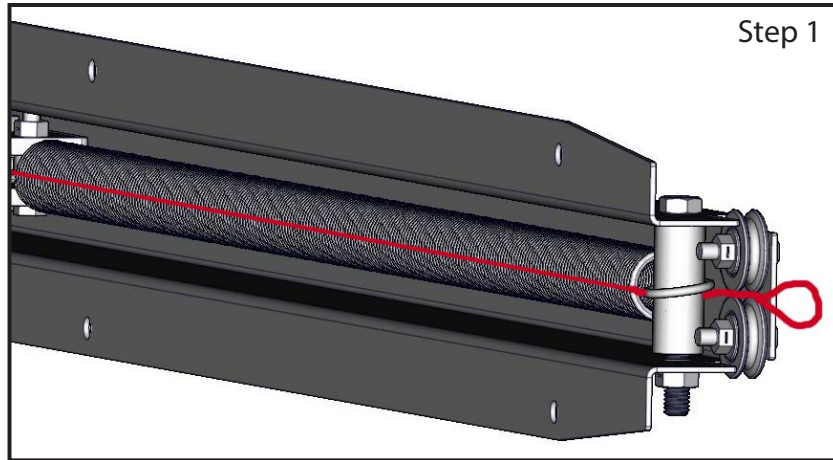
www.jm-inc.com

Spring Return Assembly for Grain Cart and Large Gravity Wagons



	Description	Part No.
1	1/4"-20 Gr2 Z Centerlock Hex Nut	JM0001505
2	Aluminum Spacer for Spring Return (1-3/8" x 2-3/16") Rectangular	JM0002445
3	1-1/4" Idler Pulley (1/4" ID)	JM0002439
4	Large Spring Return Pulley Spacer (2 Holes)	JM0018897
5	1-5/8" Idler Pully (Long Spring Return)	JM0012970
6	1/4"-20 x 1" Gr5 Z Hex Bolt	JM0002095
7	1/4"-20 x 1-1/2" Gr5 Z Hex Bolt	JM0002447
8	1/4" ID, 3/4" OD Z Flat Washer	JM0003090
9	Rectangular Plastic Spacer for Spring Return	JM0012973
10	1/4"-20 x 1-1/4" Gr5 Z Hex Bolt	JM0016673
11	2" Black Plastic Spacer (1/4" ID x 1/2" OD)	JM0002442
12	Spring Return Spring	JM0000207
13	Spring Return Housing for Grain Cart Roll Tarp	JM0012974
14	3/8"-16 x 3" Gr5 Z Hex Bolt	JM0001666
15	Spring Return Stiffening Plate	JM0034548
16	3/4" x 2" Plastic Spacer	JM0002444
17	3/8"-16 Gr2 Z Centerlock Hex Nut	JM0001512
18	Spring Return Cable (Grain Carts)	JM0012981
19	Spring Return Assembly Complete (Grain Cart)	JM0002911
20	1/4" x 3/4" Self Tapping Screw	JM0001570

Cable Routing



1. Go through opposite auger side pulleys (Red)
2. Go through the spring (Red)
3. Go around the small inner pulley on the auger end. (Red)
4. Go around the small pulley in the center of the spring return (Red)
5. Go around the large pulley on the auger end. (Blue)
6. Go around the large pulley in the center of the spring return. (Green)
7. Go around the small pulley on the auger side. (Pulley sits on top of the large pulley) (Purple)
8. Attach to the rectangular plastic spacer located in the middle of the spring return. (Yellow)