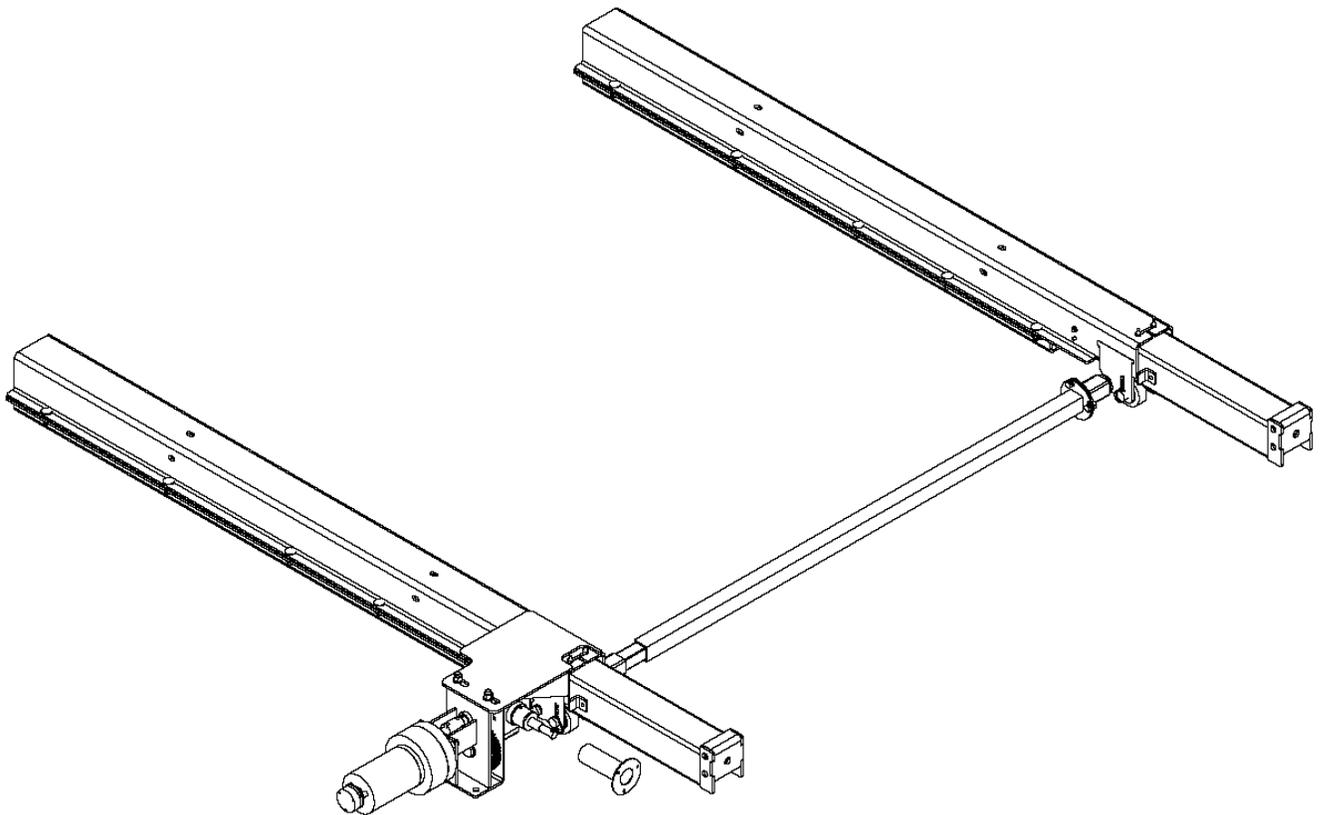




**Room Expansion Systems  
Installation/Service Guide  
For  
GEORGIE BOY  
Slideout Models  
GSO-12024**

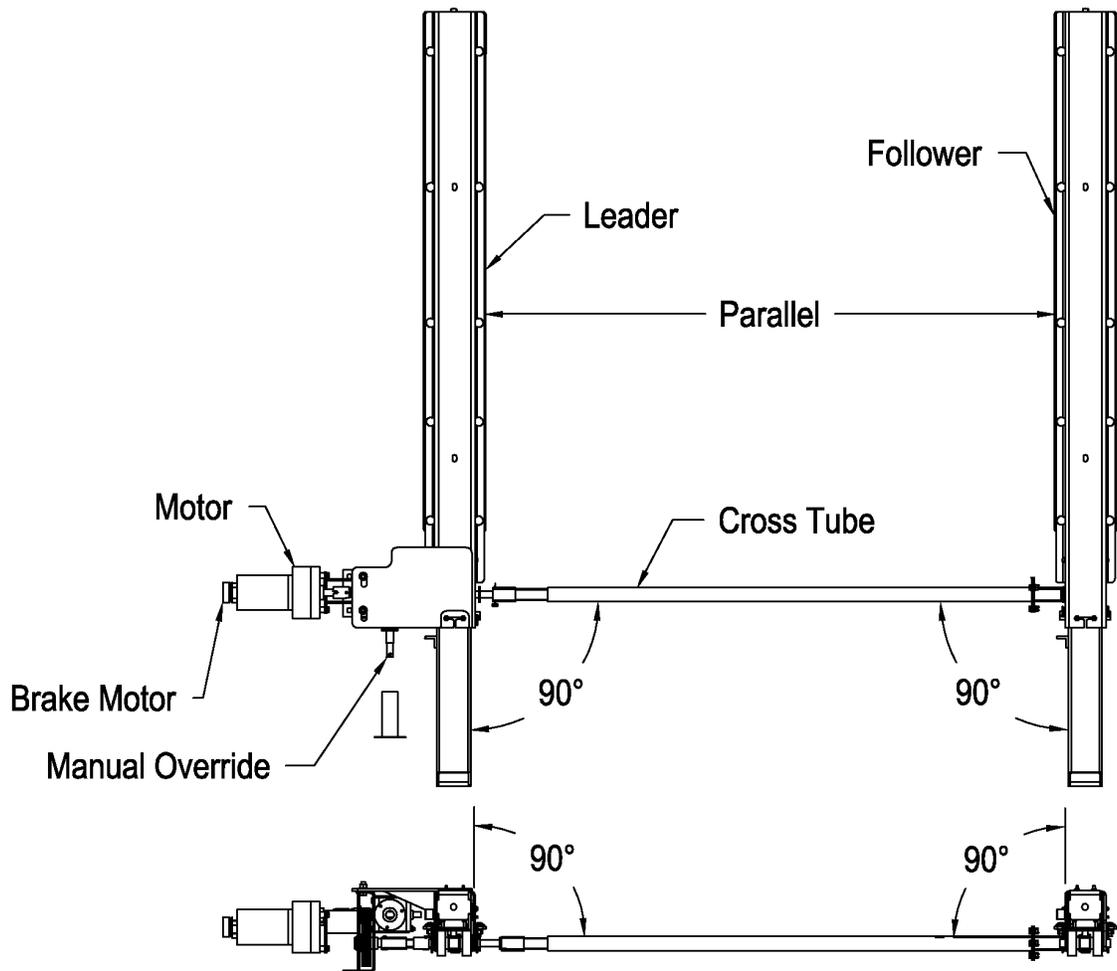


## Installing The System

### **RBW Industries, Inc. Room Expansion Systems Installation/Service Guide For Models: GSO-12024**

The Slideout Systems were designed to provide a mechanical source of horizontal movement for RV slideout rooms. Please use the installation guidelines to supplement your procedures and requirements.

#### **Installing the support rails:**

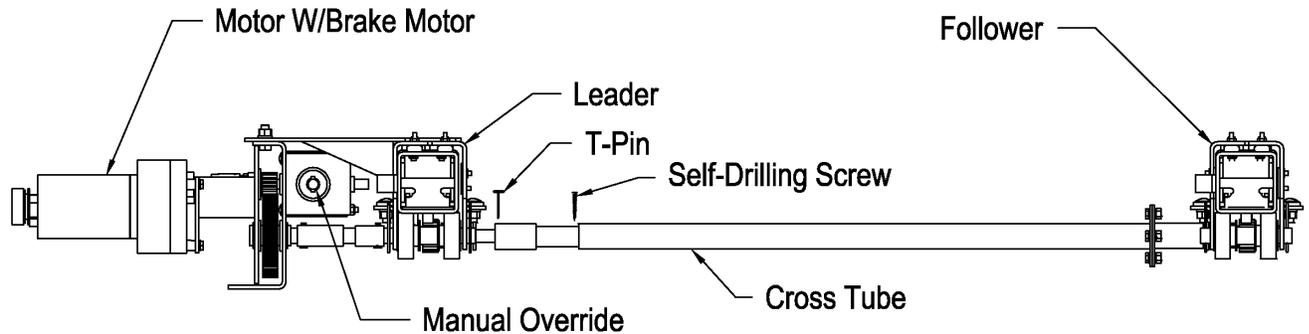


*Fig A*

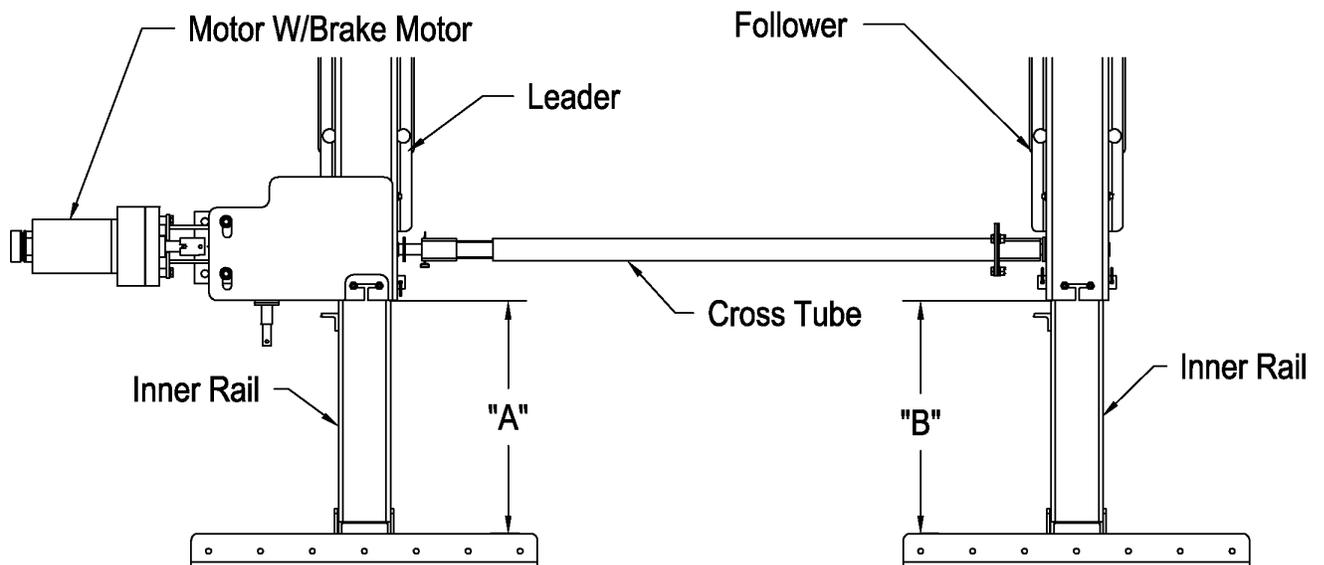
1. The powered and non-powered support rails must be positioned so that they remain horizontally and vertically parallel with each other throughout the travel (Fig. A)
2. Place both support rails on existing chassis members and temporarily support.
3. Assure that they are perpendicular to chassis and parallel to each other, once this has been verified attach permanently to chassis.

## Installing the cross-tube

1. The cross tube must be sized so that it allows for  $\frac{1}{2}$ " overlap at each end with the star connection shaft (Fig. B).
2. Position the inner rails so that they extend beyond the outer rail equally (Fig. C).
3. Install the cross tube by slipping the square end with the pinhole onto the star shaft and pinning it in place with (T-Pin) provided. Extend Cross Tube until it overlaps opposite star shaft by 1/2 inch, use (Self Drilling Screw) where shown to lock Cross Tube in place.



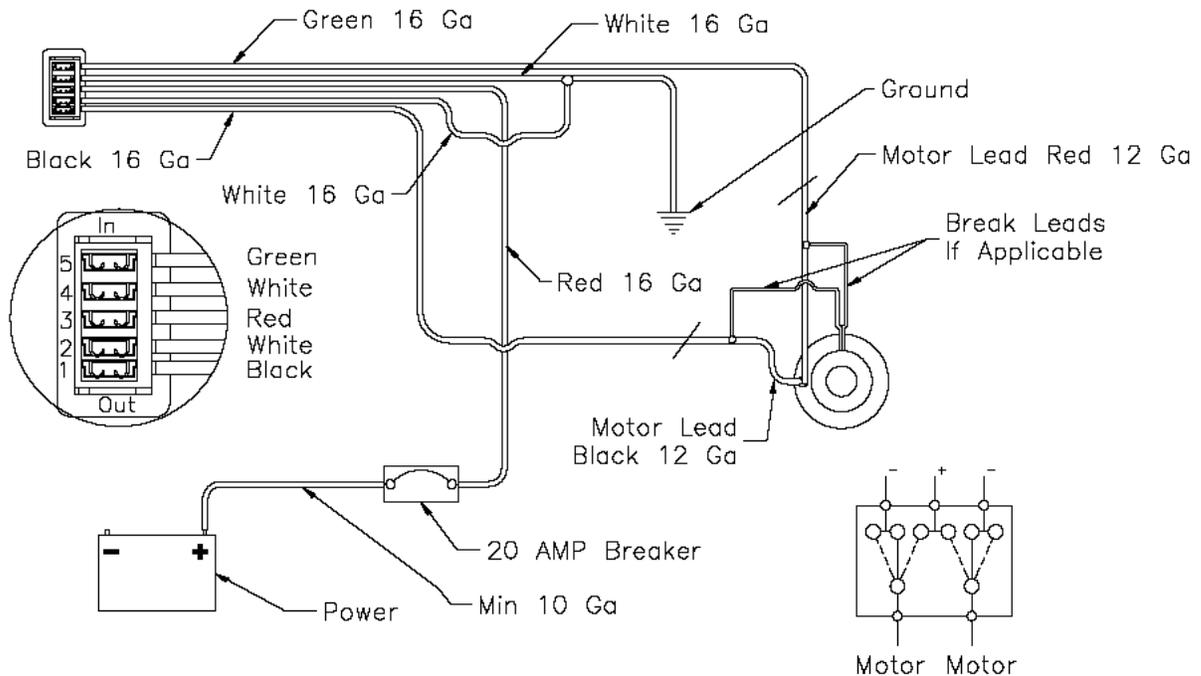
*Fig. B*



*Fig. C*

Locate inner rails so that "A"="B"  $\pm 1/8$ "

## **WIRING DIAGRAM**



### **Extending the Slideout Mechanism**

1. Park the RV and stabilize it for stationary use.
2. Always be certain that there is plenty of clearance for your room to safely extend to the full outward position.
3. Disengage any travel locks that are in place to keep the slideout room from moving during travel.
4. Remove any other potential obstructions to room movement.
5. Activate the wall switch and move the slideout room to the full outward position.
6. If applicable, engage the lock out on the wall switch.

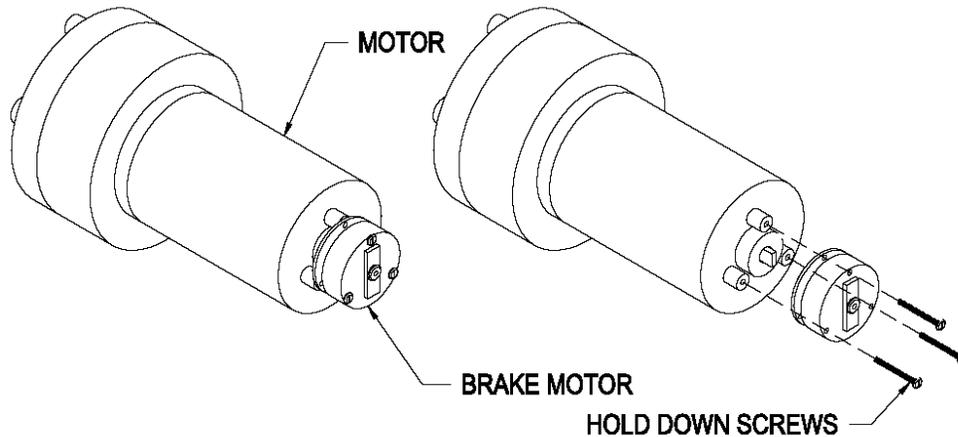
### **Retracting the Slideout Mechanism**

1. Prepare the slideout room for retraction while the RV is still stabilized.
2. Remove any potential obstructions to room movement.
3. Make certain that there is plenty of clearance in the coach to bring the room to full retraction.
4. Activate the wall switch and bring the slideout room to the full inward position.
5. Replace any travel lock required to keep the room from moving during travel.
6. If applicable, engage the lock out on the wall switch.

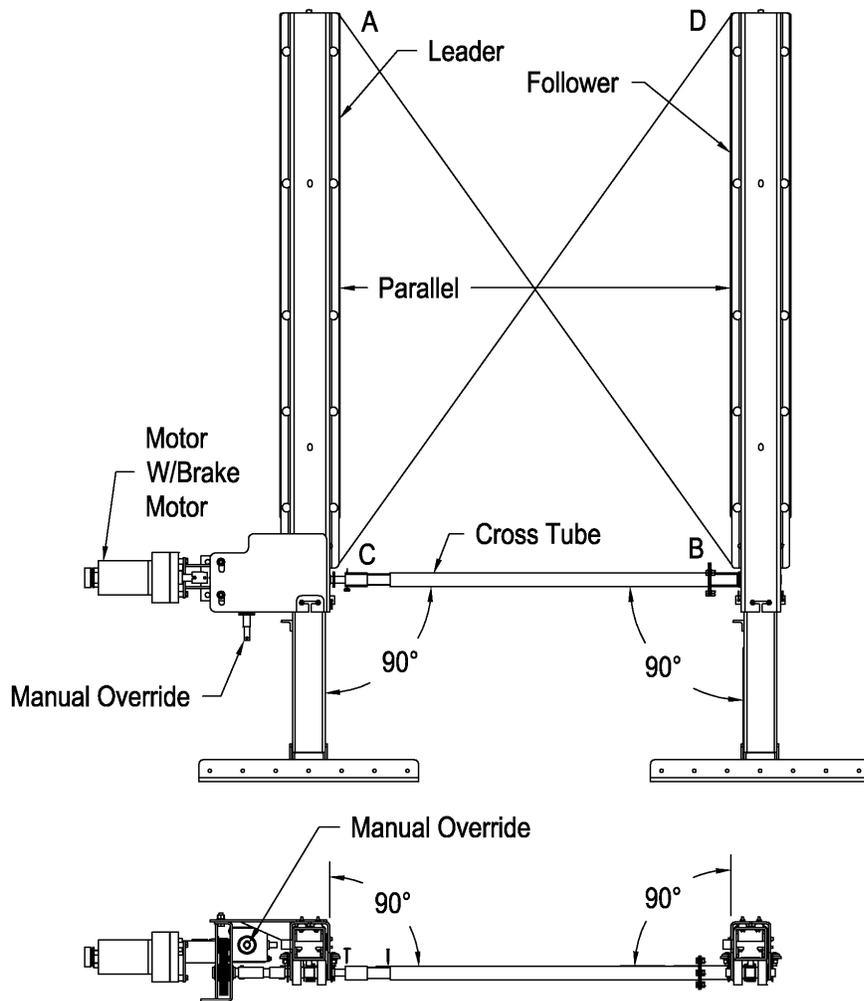
### **Manual Operation of the Slideout Mechanism**

Your Slideout System can be operated manually.

1. Be certain that the RV is stabilized properly and that there is plenty of clearance for your room to safely extend or retract the room fully.
2. Disengage any travel locks in place to keep the room from moving during travel.
3. Remove any other potential obstructions to room movement.
4. Locate the Slideout System motor and Brake Motor. (Fig D)
5. Remove the three hold down screws and back brake motor off.



6. Attach crank handle provided by manufacturer to Manual Override and turn to extend or re-track.
7. Reattach the brake motor.



*Fig. D*

**Basic Troubleshooting**

***Do not move the RV with the room extended. This can be unsafe and will damage the slideout mechanism.***

**Symptoms: “The Room won’t move or moves slowly”**

1. Are all travel locks removed? (If equipped)
2. Are there any obstructions in the path of the room?
3. Are the circuit breakers and fuses functional?
4. Is there 12V at the DC Battery?
5. Is there 12V at the slideout motor?
6. Are both rails parallel to one another, vertically and horizontally? (Fig D)
7. Are both rails @ 90° to the chassis?
8. Is the cross tube installed?
9. Is the room floor parallel to the coach floor in the full in and full out position?

When attaching the slideout to the chassis make certain that slideout channels are at 90° to chassis rails and that they are parallel to each other. Check diagonals to make sure everything is square, distance AB = CD. See (Fig D).

The RBW GSO-20000 series slide-outs are designed and intended for standard room movement with a classic non-flush room. Although individual RV manufactures have recently been much more creative with conceiving of variations to the RBW slide-out room design's, RBW cannot contribute to or induce these design variations. Our industry has been flooded with mechanism and room design's claiming to be subject to patent protection. Hence, we encourage our customers to review patents on a regular basis so as to make an informed determination as to how such patents may or may not relate to your particular installation or design.

**RBW Industries, Inc.  
Limited 1 Year Warranty**

RBW Industries, Inc. warrants its products against defects in material and workmanship under normal use and service, ordinary wear and tear accepted, for one year from the date of purchase at retail. Any part found to have a defect in material or workmanship will be replaced or repaired by RBW when returned to RBW with transportation charges paid.

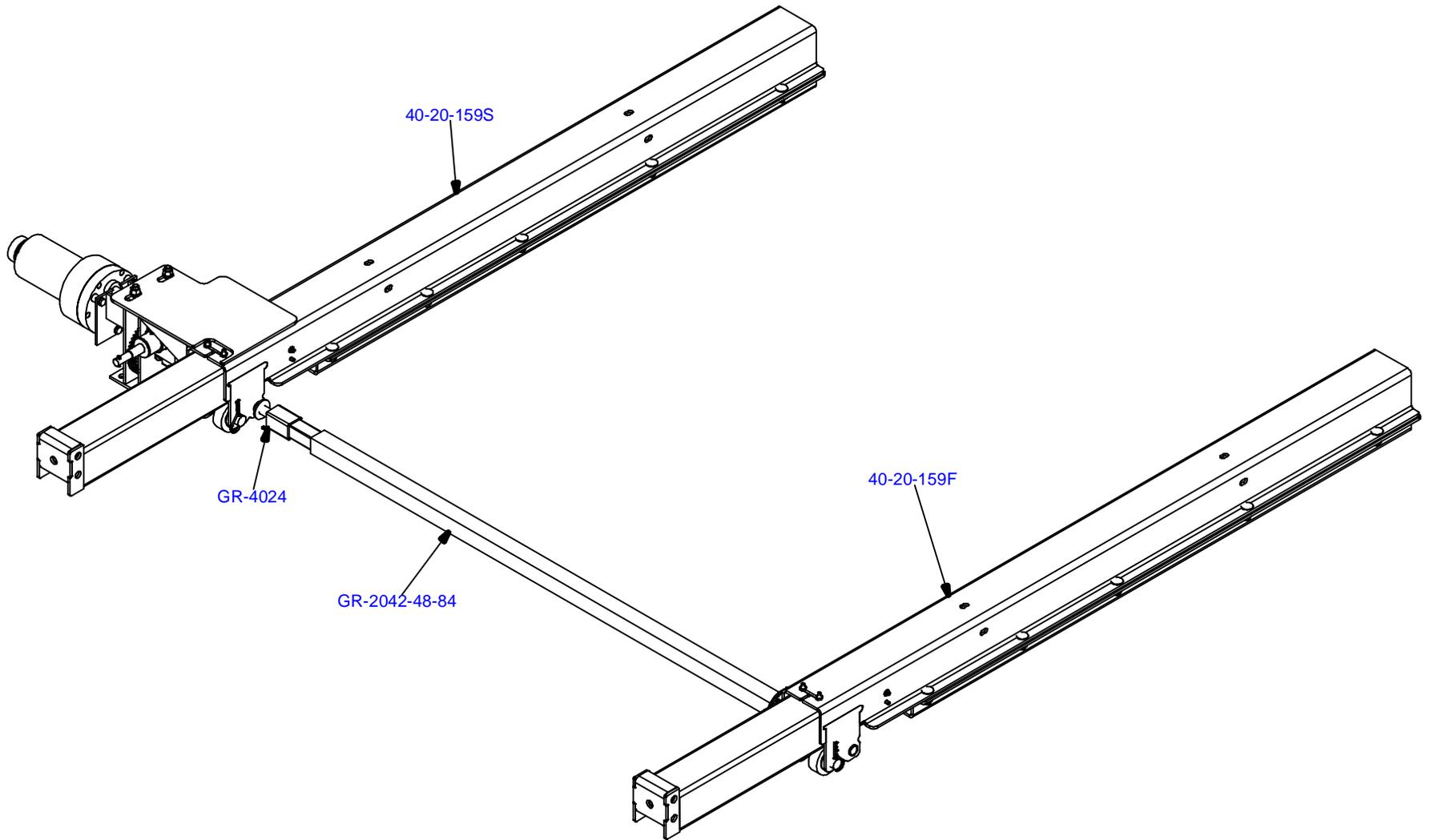
If the defect was caused by damage resulting from improper installation, alteration, misuse or unreasonable use, including but not limited to, loading the product beyond capacity, RBW shall not be required to replace or repair such product. This warranty covers only the defective part and does not provide for reimbursement of the retail price of the part or labor charges.

RBW shall not be held liable for any incidental or consequential damages for breach of any expressed or implied warranty on any RBW product.

There are no warranties that extend beyond the description of the face hereof. RBW is extending no other warranties, express or implied, nor any warranties of merchantability or fitness for a particular purpose. Any such warranties of merchantability or fitness for a particular purpose are expressly excluded.

This warranty is designed and intended to fully comply with the requirements of the Magnusson-Moss Warranty Act and all regulations issued by the Federal Trade Commission in connection therewith. It is not intended to violate any state law or regulation containing more stringent requirements, and such requirements become part of the warranty insofar as required by the act.

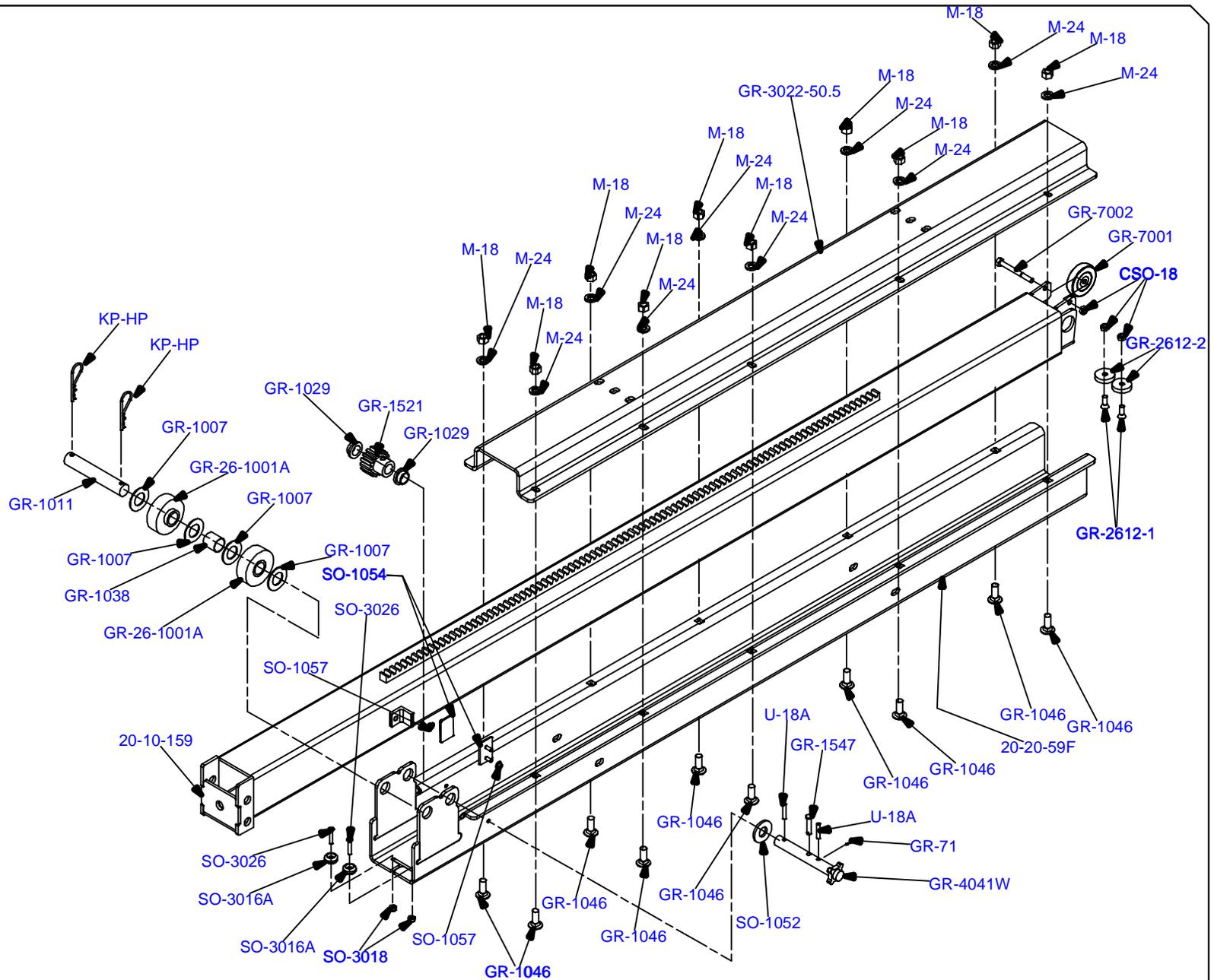
The owner has available the legal remedies provided by the Magnusson-Moss Warranty Act, Public Law 93-637, 88 STAT.2183-2193: 15 U.S. CODE, SECS 23121-2312, and any applicable state statutes.



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GSO-12024

<b>PART NUMBER DESCRIPTION</b>			<b>QTY</b>	<b>PART NUMBER DESCRIPTION</b>			<b>QTY</b>
40-20-159F	ASB SUPPORT CHANNEL-54.5"-3"F	1		40-20-159S	ASB SUP CHANNEL-54.5"-3"W/STOP	1	
GR-2042-48-84	1 1/4" CONNECT TUBE ADJ-48"/84	1		GR-4024	5/64 X 1 3/4" T-HEAD COTTER	1	

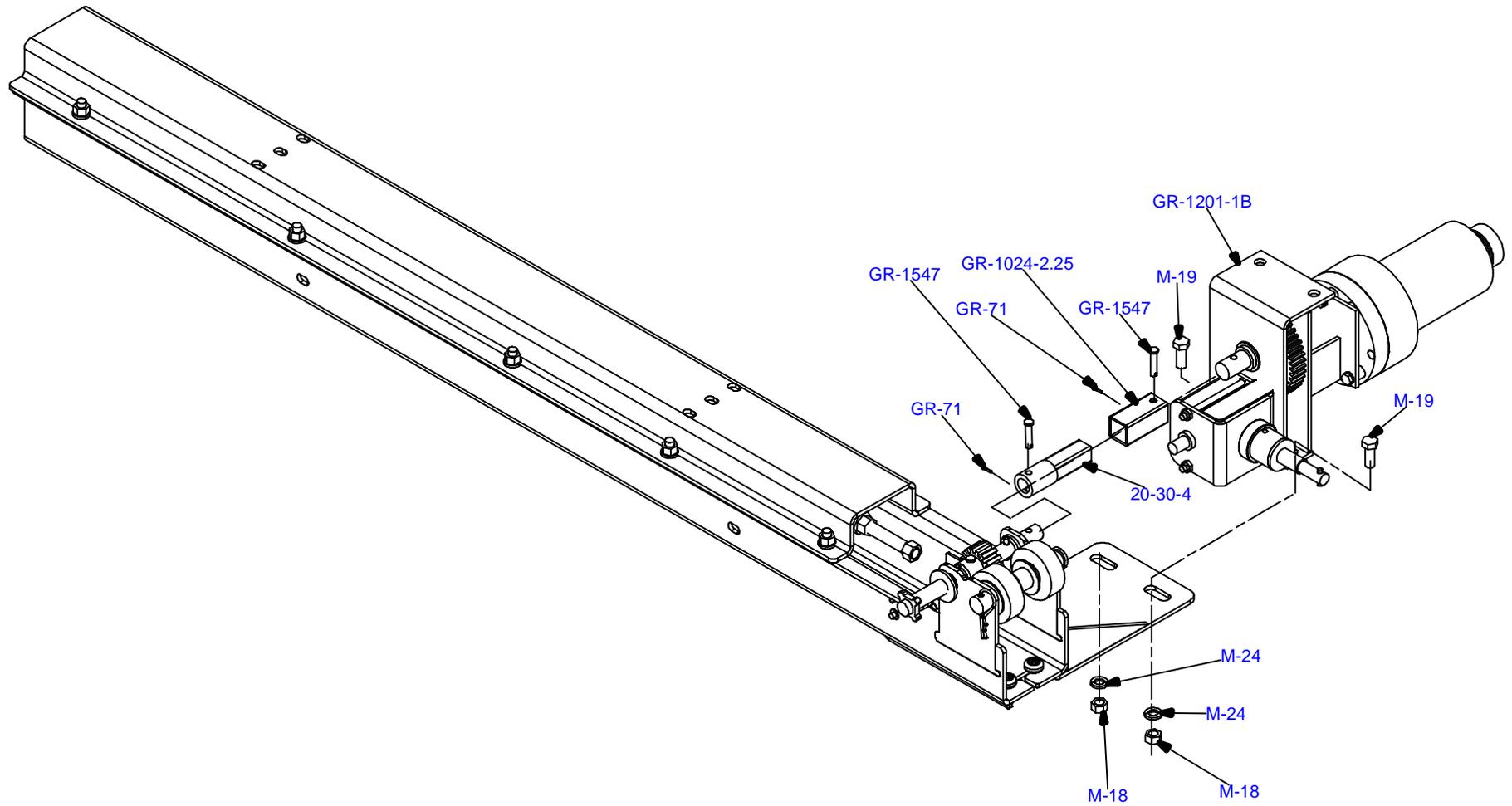


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40-20-159F

PART NUMBER DESCRIPTION			QTY	PART NUMBER DESCRIPTION			QTY
20-10-159	7GA PAD TABS --1 WHEEL 2 PADS	1	20-20-59F	SUPPORT CHANNEL-54.5 " -3" FLWR	1		
CSO-18	1/4"(20) THIN PATTERN NYLK NUT	3	GR-1007	NYLON WASHER-.810"ID/1.5"X-062	4		
GR-1011	3/4" RND X 4 1/2"	1	GR-1029	BUSH-5/8 ID X 3/4 OD X 3/8	2		
GR-1038	7/8" RND TUBE X 7/8" -PLATED	1	GR-1046	3/8(16) X 1" CARR BOLT GR2-PLT	10		
GR-1521	15TTH SPUR GEAR-3/4" FACE-10PT	1	GR-1547	1/4" SS CLEVIS PIN X 1 1/8"	1		
GR-26-1001A	2 1/4" DIAM WHEEL X 3/4" &BRNG	2	GR-2612-1	1/4-20 X 3/4"FLAT HD PHIL. SCR	2		
GR-2612-2	PREMIUM PAD - 1/4" X 1 1/8" RND	2	GR-3022-50.5	*7GA SPPRT CHANNEL-50.5"BOTTO	1		
GR-4041W	5/8" DRIVE SHAFT X 5"-2 CNNCT	1	GR-7001	2" DIA. WHEEL--1/4" SPINDLE	1		
GR-7002	1/4"(20) X 2 1/2" CAP SCREW	1	GR-71	COTTER PIN--3/32 X 1/2"MILD-Z	1		
KP-HP	HAIRPIN - SMALL #228	2	M-18	3/8" (16) HEX NUT-PLATED	10		
M-24	3/8" LOCK WASHER ZINC	10	SO-1052	NYLON WASHERS 5/8X1/8X1 3/8 FW	1		
SO-1054	NYLON PAD	2	SO-1057	3/16" PUSH NUTS	2		
SO-3016A	NYLON BUMPER...745...250...365	2	SO-3018	#10-32 LOCKNUT-Z	2		
SO-3026	#10-32 X 1" FLAT PHILIPS -Z	2	U-18A	3/16" X 1" ROLLPIN	2		





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40-20-159S

PART NUMBER DESCRIPTION			QTY	PART NUMBER DESCRIPTION			QTY
20-10-159S	7GA PAD TABS --1 WHEEL 2 PADS	1	20-20-59	SUPPORT CHANNEL-54.5"-3"POWE	1		
20-30-4	3/4" SQ TUBE X 2"/COUPLER	1	CSO-18	1/4"(20) THIN PATTERN NYLK NUT	3		
GR-1007	NYLON WASHER-.810"ID/1.5"X-062	4	GR-1011	3/4" RND X 4 1/2"	1		
GR-1024-2.25	1" SQ TUBE X 2 1/4"--1)1/4" HL	1	GR-1029	BUSH-5/8 ID X 3/4 OD X 3/8	2		
GR-1038	7/8" RND TUBE X 7/8" -PLATED	1	GR-1046	3/8(16) X 1" CARR BOLT GR2-PLT	10		
GR-1201-1B	MOTOR GEARBOX ASSEMBLY - GR	1	GR-1521	15TTH SPUR GEAR-3/4" FACE-10PT	1		
GR-1547	1/4" SS CLEVIS PIN X 1 1/8"	3	GR-2014-7W	1/2" WELDED STOP BOLT X 4"	1		
GR-26-1001A	2 1/4" DIAM WHEEL X 3/4" &BRNG	2	GR-2612-1	1/4-20 X 3/4"FLAT HD PHIL. SCR	2		
GR-2612-2	PREMIUM PAD - 1/4" X 1 1/8" RND	2	GR-3022-50.5S	7GASUPPORT CHNL-50.5"BTTM W/	1		
GR-4042W	5/8" DRIVE SHAFTX 7 1/2CONNECT	1	GR-7001	2" DIA. WHEEL--1/4" SPINDLE	1		
GR-7002	1/4"(20) X 2 1/2" CAP SCREW	1	GR-71	COTTER PIN--3/32 X 1/2"MILD-Z	3		
KP-HP	HAIRPIN - SMALL #228	2	M-18	3/8" (16) HEX NUT-PLATED	12		
M-19	3/8" X 1" HEX CAP SCREW ZINC	2	M-24	3/8" LOCK WASHER ZINC	12		
SO-1052	NYLON WASHERS 5/8X1/8X1 3/8 F	1	SO-1054	NYLON PAD	2		
SO-1057	3/16" PUSH NUTS	2	SO-3016A	NYLON BUMPER...745...250..365	2		
SO-3018	#10-32 LOCKNUT-Z	2	SO-3026	#10-32 X 1" FLAT PHILIPS -Z	2		
U-18A	3/16" X 1" ROLLPIN	2	U-20	1/2" HEX NUT	1		