



**Power Agitated Trailer  
Operator's Manual**

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## Unit Information

**Model: Power Agitated Trailer**

**Year:** \_\_\_\_\_

**Gallons:** \_\_\_\_\_

**Serial Number:** \_\_\_\_\_

**Motor: Honda GX270**

**Seal-Rite Inc.  
1374 State Road M  
Auxvasse, MO 65231  
(573) 387-4491  
www.seal-rite.com  
sales@seal-rite.com**

# **Safety Precautions**

- Failure to follow all safety precautions can result in serious injury or death.
- Seal-Rite Inc. assumes no liability for any accident or injury incurred through improper use of machine.
- Read Operator's Manual fully before operating machine.
- Observe all caution and warning signs on machine.
- Always wear ear protection, eye protection and gloves when operating machine.
- Do not leave unattended when running.
- Use of parts other than Seal-Rite parts may impair the safety or reliability of your equipment and nullifies any warranty.
- Keep manway safety screen in place at all times.
- Keep all body parts out of lid opening when unit is running.
- Keep hands and arms clear while opening and closing lid.
- Keep tank lid closed when agitating at a fast speed.
- Never enter the tank with sealer inside.
- Always let residual sealer dry or freeze before entering the tank.
- Always disconnect the battery before entering the tank to prevent accidental agitation.
- All ball valves must be fully opened or closed for correct use.
- Replace any hoses which show wear, fraying or splits. Be sure all joints are leak proof.
- Shut down and allow engine to cool prior to refilling gas tank.
- Trailer must be connected to a tow vehicle when loading.
- Safety breakaway system will not operate unless connected to a power source equivalent to or greater than auto type 12 volt 12 amp hour wet cell battery.
- The safety breakaway system needs to be kept in working order at all times.
- Trailer is not to be towed unless brakes are working and safety chains are securely attached to towing vehicle.
- Make sure the load is safely secured before towing, and that the trailer is not overloaded.
- Make sure all lights and electrical connections are working properly.
- Always close hitch before towing. Check daily for wear or distortion.
- Make sure receiver hitch is securely fastened to the tow vehicle.
- Secure all gates and latches before moving trailer.
- Inflate tires to recommended inflation. This information is found on the tire sidewall.
- Check wheel lugs before towing. Use original equipment manufacturer's recommendation on torque, found in axle operators manual.
- Always turn the gas off on your Honda motor before towing.
- Never operate near an open flame, or use any type of flame to unclog the plumbing.

## **Safety Precautions Cont.**

- Always secure safety chains before towing.
- Raise the jack to its highest position and secure crank handle before towing.
- Check all operation manuals for warnings, cautions and to ensure proper maintenance and use.
- Operation manuals can be found in the 'Resources' section of our website:  
[www.seal-rite.com/operation-manuals/](http://www.seal-rite.com/operation-manuals/)

## **Warranty Procedure**

- Contact Seal-Rite regarding the problem.
- If the item is warrantable, the following instructions may be given:
  - Seal-Rite will ask you to return the damaged item so that a replacement can be sent to you. If you need the replacement sooner, you can purchase it, to be refunded upon receipt of the damaged item.
  - Seal-Rite is not responsible for warranty shipping costs.
  - Certain products are subject to review before they can be deemed a warranty item.
  - NEVER throw away any replaced parts until the warranty is entirely settled.
  - If the item cannot be sent back (i.e. damage to the unit itself), photographs will be required.
  - Should your warranty work require the help of a professional to repair, reimbursement for the labor cost is at the discretion of Seal-Rite. A valid receipt of all work will be required.
- If the item is covered under the original equipment manufacturer's warranty, we can help connect you with the OEM.
- In the event that your item is not warrantable, Seal-Rite strives to keep all replacement parts in stock.

## **Operating Instructions**

- Walk around the unit and visually inspect to make sure everything is in good working order.
- Check fluids in the Honda motor and hydraulic oil tank.
- Make sure the hydraulic control valve is in the neutral position.
- To start the Honda motor, you will need to make sure the gas is on and choke it.
- Once your motor is running, let it warm up for a few minutes. Make sure the throttle is wide open.

## **End of Day Recommendations**

- Turn the gas off on your Honda motor prior to transport to prevent gas seepage.

## **Cleaning the Unit**

- Fill the tank halfway to completely full of water. Agitate the system for 30 minutes, periodically changing from forward to reverse. Empty the tank and repeat the process if needed. Sand can also be added during this process for abrasion to help clean the tank.
- Depending on several variables, it will eventually be necessary to get inside the tank to remove excess sealer that has built up. Removing residual sealer is best done when temperatures are below freezing (or as cold as possible in warmer climates). Be careful when removing sealer with tools, as it is possible to ding the tank.

## **Maintenance Schedule**

### **Hydraulic Oil**

According to the hydraulics manufacturer, ISO 46 Grade Medium Hydraulic Oil is recommended. It is also known as AW 46 at such stores as Sam's, Napa Auto Parts, O'Reilly Automotive, etc. The AW stands for Anti-Wear. Maintain fluid level of  $\frac{3}{4}$  full in hydraulic oil tank.

Note: Before leaving Seal-Rite, your unit was filled with 13 quarts of hydraulic oil.

### **Hydraulic Oil Filter**

According to the hydraulics manufacturer, the hydraulic oil and filter should be changed once per year. (Hydraulic Oil Filter Part # 230-HIF)

### **Honda Motor**

You can use 10W-30 oil in the Honda motor. It is recommended that the first oil change in the Honda motor come at 20 hours, successive oil changes are recommended every 100 hours. The air filters should also be changed on the Honda motor at the same time as the unit's 100 hour service. (Air Filter Part # 230-AHAF270)

# Troubleshooting Guide

- Problem: Tank will not agitate when loaded
- Possible Cause: Relief valve on hydraulic control valve is set too light
- Solution: Increase relief valve. See Diagram 1B

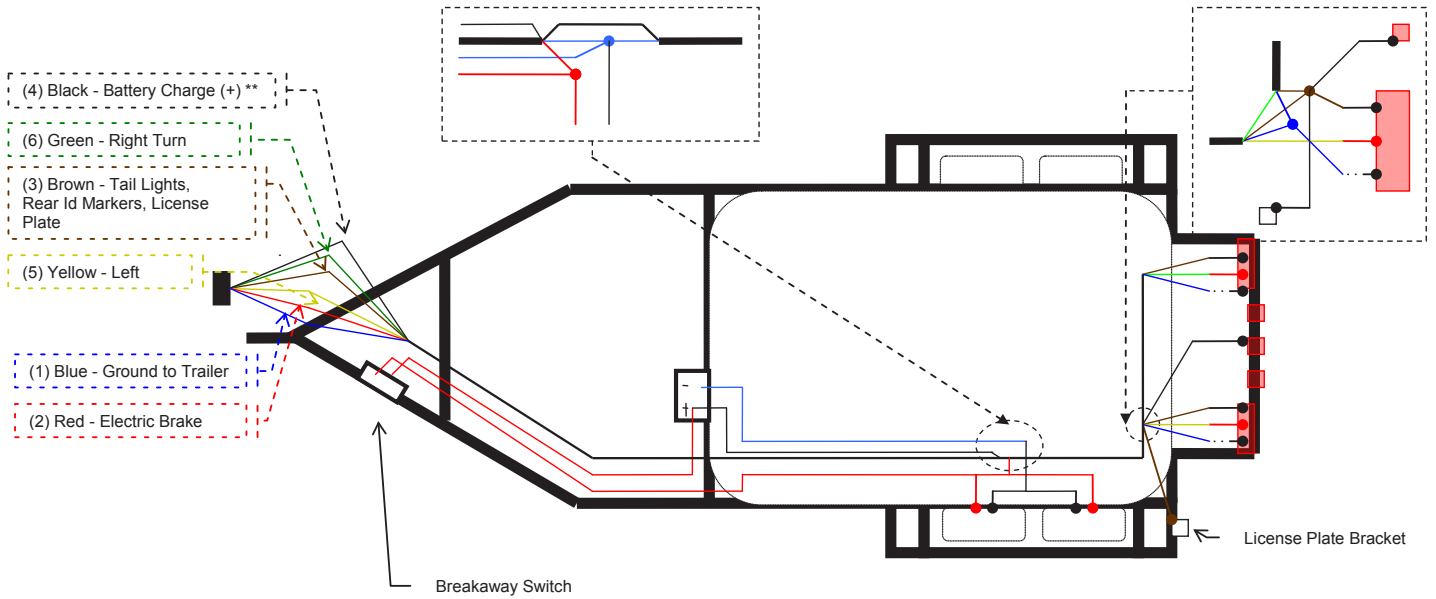
Diagram 1B – Adjusting Relief Valve on Hydraulic Control Valve



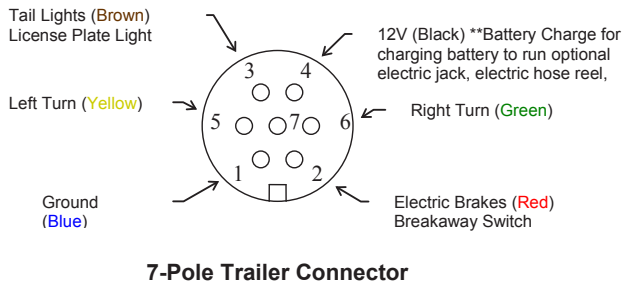
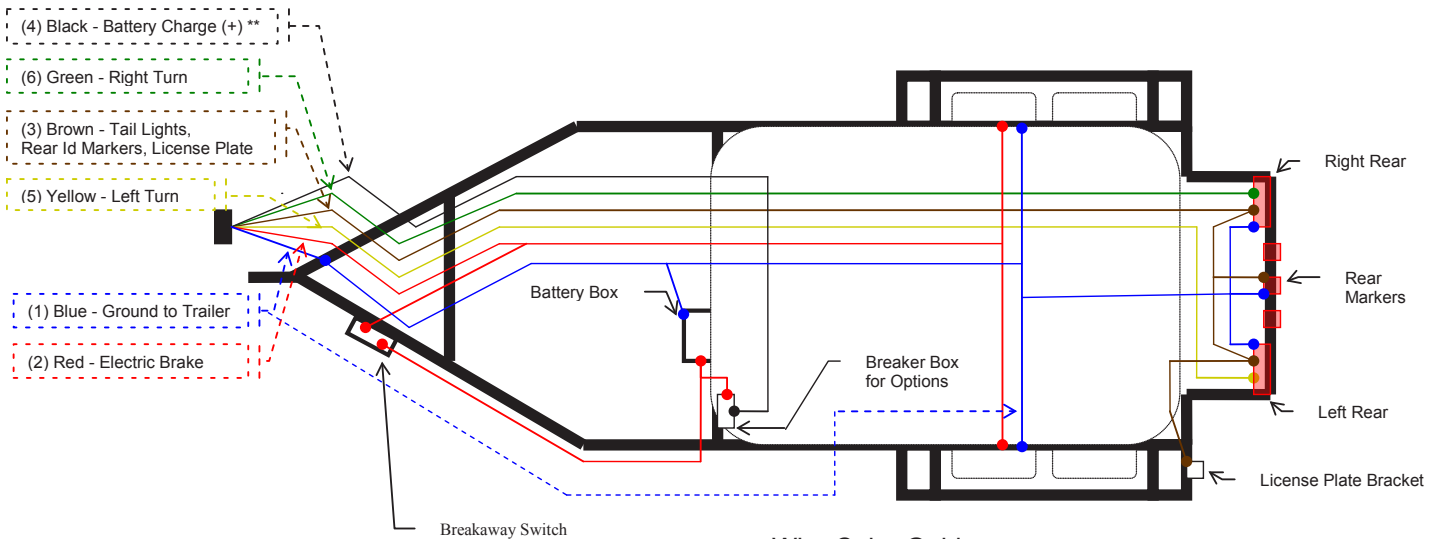
**Adjustments to be made here**

- Step 1: Turn Honda motor off. Remove O-Ring Plug Using a 1/8" Allen Wrench
- Step 2: Turn the 5/32" set screw (using 5/32 Allen Wrench) 1/8 turn away from you (clockwise).  
-See if the system will now agitate.
- Step 3: If system will still not agitate, repeat Step 2, adjusting the 5/32" set screw another 1/8 turn at a time until system begins to agitate.
- Step 4: Once system will agitate, replace O-Ring plug and make sure hydraulic fluid is not leaking.

# Trailer Wiring Diagram



# Trailer Wiring Connections Diagram



## Wire Color Guide

- (1) Blue – Ground
- (5) Yellow – Left Turn
- (3) Brown – Tail Light
- (4) Don't Use or \*\*
- (6) Green – Right Turn
- (2) Red – Electric brakes
- (7) Don't Use

Note: The above wiring diagrams are not intended as a diagram for the wiring on the tow vehicle. It is strictly for the wiring of the Seal-Rite trailer. Tow vehicle wires should be located by function only, as color coding is not standard among all manufacturers.

\*\*Battery Charge for charging battery to run optional electric jack, electric hose reel, etc.



# Tank Charts

## 300 Gallon Tank

Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining
1	292.46	14	196.06	27	70.73
2	288.63	15	186.47	28	61.90
3	283.75	16	176.77	29	53.35
4	278.05	17	166.99	30	45.13
5	271.67	18	157.15	31	37.28
6	264.73	19	147.29	32	29.84
7	257.30	20	137.42	33	22.90
8	249.44	21	127.58	34	16.53
9	241.22	22	117.80	35	10.83
10	232.67	23	108.10	36	5.94
11	223.85	24	98.51	37	2.12
12	214.78	25	89.07		
13	205.51	26	79.79		

Tank Diameter: 38.0"      Tank Length: 60.0"      Total Capacity: 294.6 Gallons  
 Note: Measurement of the void is to be done from where the tank starts, not the top of the manway.

## 550 Gallon Tank

Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining
1	561.16	15	413.43	29	207.75	43	31.17
2	555.98	16	399.44	30	193.19	44	22.45
3	549.34	17	385.23	31	178.79	45	14.68
4	541.57	18	370.83	32	164.58	46	8.04
5	532.85	19	356.27	33	150.59	47	2.86
6	523.33	20	341.57	34	136.85		
7	513.09	21	326.77	35	123.40		
8	502.23	22	311.90	36	110.27		
9	490.81	23	296.97	37	97.50		
10	478.89	24	282.01	38	85.13		
11	466.52	25	267.05	39	73.21		
12	453.75	26	252.12	40	61.79		
13	440.62	27	237.24	41	50.93		
14	427.17	28	222.44	42	40.69		

Tank Diameter: 48.0"      Tank Length: 72.0"      Total Capacity: 564.0 Gallons  
 Note: Measurement of the void is to be done from where the tank starts, not the top of the manway.

## 700 Gallon Tank

Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining
1	710.80	15	552.03	29	323.29	43	104.34
2	705.29	16	536.80	30	306.53	44	91.02
3	698.23	17	521.30	31	289.84	45	78.20
4	689.95	18	505.54	32	273.25	46	65.94
5	680.66	19	489.57	33	256.77	47	54.31
6	670.48	20	473.40	34	240.43	48	43.36
7	659.53	21	457.07	35	224.27	49	33.18
8	647.89	22	440.59	36	208.29	50	23.88
9	635.63	23	423.99	37	192.54	51	15.60
10	622.82	24	407.31	38	177.03	52	8.54
11	609.50	25	390.55	39	161.81	53	3.04
12	595.72	26	373.74	40	146.89		
13	581.52	27	356.92	41	132.31		
14	566.95	28	340.09	42	118.12		

Tank Diameter: 54.0"      Tank Length: 72.0"      Total Capacity: 713.8 Gallons  
 Note: Measurement of the void is to be done from where the tank starts, not the top of the manway.

## 850 Gallon Tank

Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining
1	878.07	16	692.62	31	421.94	46	156.28
2	872.26	17	675.92	32	403.26	47	140.66
3	864.80	18	658.92	33	384.63	48	125.48
4	856.05	19	641.65	34	366.06	49	110.75
5	846.20	20	624.13	35	347.57	50	96.54
6	835.41	21	606.39	36	329.18	51	82.89
7	823.79	22	588.46	37	310.93	52	69.85
8	811.42	23	570.35	38	292.82	53	57.49
9	798.38	24	552.09	39	274.89	54	45.87
10	784.73	25	533.71	40	257.15	55	35.08
11	770.52	26	515.22	41	239.63	56	25.23
12	755.80	27	496.65	42	222.36	57	16.47
13	740.61	28	478.01	43	205.36	58	9.01
14	725.00	29	459.34	44	188.66	59	3.20
15	708.99	30	440.64	45	172.29		

Tank Diameter: 60.0"      Tank Length: 72.0"      Total Capacity: 881.3 Gallons  
 Note: Measurement of the void is to be done from where the tank starts, not the top of the manway.

## 1,000 Gallon Tank

Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining
1	999.39	17	789.22	33	481.40	49	178.94
2	993.38	18	771.44	34	461.48	50	162.24
3	985.67	19	753.35	35	441.59	51	145.96
4	976.60	20	734.99	36	421.77	52	130.15
5	966.41	21	716.38	37	402.02	53	114.83
6	955.23	22	697.53	38	382.37	54	100.06
7	943.19	23	678.49	39	362.83	55	85.88
8	930.36	24	659.25	40	343.44	56	72.34
9	916.82	25	639.86	41	324.21	57	59.51
10	902.64	26	620.33	42	305.16	58	47.46
11	887.86	27	600.68	43	286.32	59	36.29
12	872.55	28	580.93	44	267.71	60	26.09
13	856.73	29	561.10	45	249.35	61	17.03
14	840.46	30	541.22	46	231.26	62	9.31
15	823.76	31	521.29	47	213.48	63	3.31
16	806.67	32	501.35	48	196.03		

Tank Diameter: 64.0"      Tank Length: 72.0"      Total Capacity: 1002.7 Gallons  
 Note: Measurement of the void is to be done from where the tank starts, not the top of the manway.

## 1,250 Gallon Tank

Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining	Inches of Void	Gallons of Sealer Remaining
1	1249.24	17	986.52	33	601.76	49	223.67
2	1241.73	18	964.30	34	576.85	50	202.80
3	1232.08	19	941.69	35	551.99	51	182.45
4	1220.76	20	918.74	36	527.21	52	162.69
5	1208.01	21	895.47	37	502.52	53	143.54
6	1194.04	22	871.92	38	477.96	54	125.08
7	1178.98	23	848.11	39	453.54	55	107.35
8	1162.95	24	824.07	40	429.30	56	90.43
9	1146.02	25	799.83	41	405.27	57	74.39
10	1128.30	26	775.41	42	381.46	58	59.33
11	1109.83	27	750.85	43	357.90	59	45.36
12	1090.69	28	726.17	44	334.63	60	32.62
13	1070.92	29	701.38	45	311.68	61	21.29
14	1050.57	30	676.52	46	289.08	62	11.64
15	1029.70	31	651.62	47	266.85	63	4.14
16	1008.34	32	626.69	48	245.04		

Tank Diameter: 64.0"      Tank Length: 90.0"      Total Capacity: 1253.4 Gallons  
 Note: Measurement of the void is to be done from where the tank starts, not the top of the manway.

## **Prop 65**

**⚠️ WARNING: This product can expose you to the following chemicals known to the state of California to cause cancer:**

Cumene, sulfuric acid, nickel, mineral oil, sulfur, acrylonitrile, carbon black, tetrafluoroethylene, titanium dioxide, naphthalene, cobalt octoate, ethylbenzene, hexanoic acid, talc, styrene, silica

**⚠️ WARNING: This product can expose you to the following chemicals known to the state of California to cause birth defects or other reproductive harm:**

Ethylene glycol, n-hexane, toluene, methanol

**⚠️ WARNING: This product can expose you to the following chemicals known to the state of California to cause cancer or birth defects or other reproductive harm:**

Lead, arsenic, chromium, benzene

**For More Information: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**