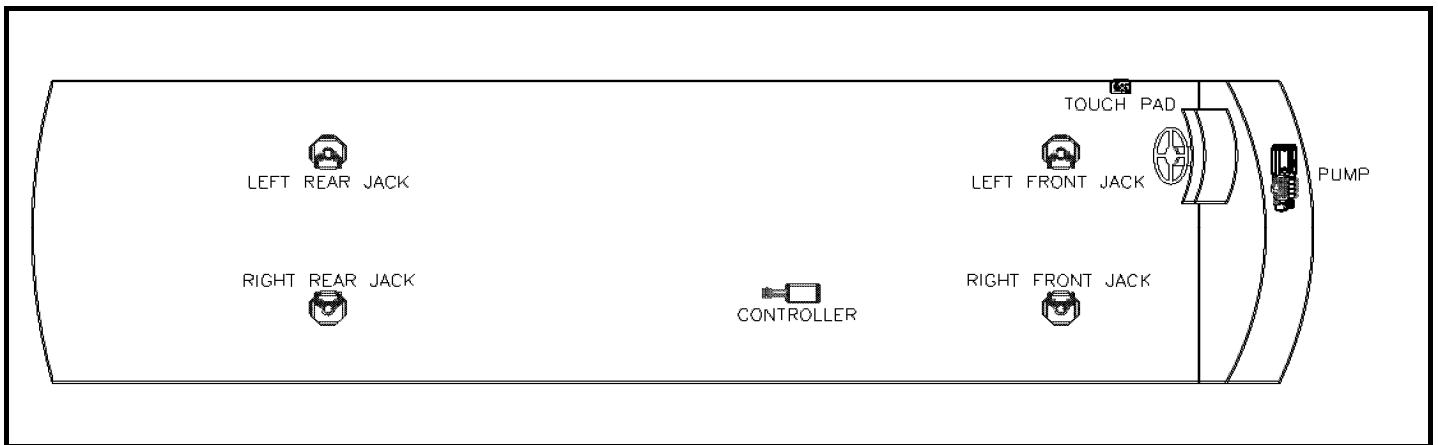


**MY2017 CANYON STAR 3513, 3710, 3902, 3911, 3914, 3921, 3923, 3925, 3953  
STANDARD ON ALL FLOOR PLANS LISTED**



**Notes:**

For model year 2014, Equalizer will begin sending jacks to Newmar already assembled on the brackets.

To order a replacement jack assembly use 7636 for the front jacks and 7214 for the rear jacks.

In October of 2014 the system number changed from 8612A to 8612B

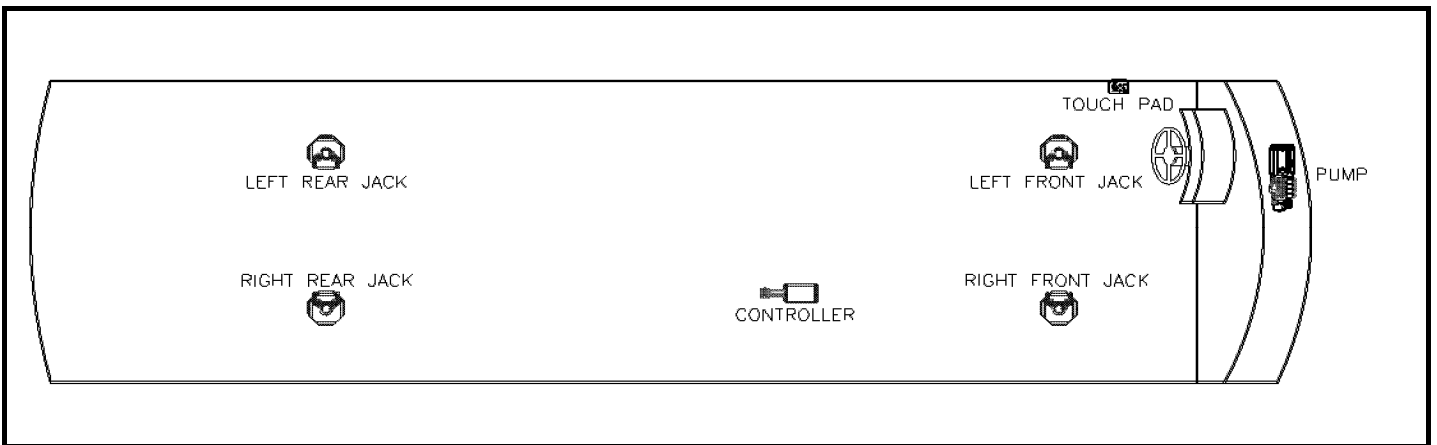
On 7/26/16 the system number changed from 8612B to 8612C for 3149A controller.

Item, Length	Description / Location	Qty	Color	Equalizer Part No.
Kit	(Items listed below)	1		8612C
Pump	4-Function, Jacks	1		7770
Jack	7,500 lbs, 15" Stroke/Front Jacks	2		7850
Jack	12,000 lbs, 16" Stroke/Rear Jacks	2		7852
Touch Pad	Located to the left of the drivers seat	1		3103
AL Controller	Attached to bottom of structure	1		3149A
Harness	Connects Pump, Controller, & Touch Pad	1		6918
Hose Kit	Complete Set of Hoses	1		7791
Hose, 6'	Pump to Jack, Left Front Top	1	Brown Solid	2461
Hose, 8'	Pump to Jack, Left Front Bottom	1	Brown Stripe	2463
Hose, 8'	Pump to Jack, Right Front Top	1	White Solid	2463
Hose, 8'	LR Jack Bottom to RR Jack Bottom	1	Orange/Yellow Stripe	2463
Hose, 10'	LF Jack Bottom to RF Jack Bottom	1	Brown/White Stripe	2465
Hose, 36'	Pump to Jack, Left Rear Top	1	Orange Solid	2486
Hose, 36'	Pump to Jack, Right Rear Top	1	Yellow Solid	2486
Hose, 38'	Pump to Jack, Right Rear Bottom	1	Yellow Stripe	2488

**Options**


**Revisions**


**MY2018 CANYON STAR 3513, 3710, 3716, 3901, 3911, 3918, 3921, 3923, 3924, 3926, 3928, 3953  
STANDARD ON ALL FLOOR PLANS LISTED**



**Notes:**

For model year 2014, Equalizer will begin sending jacks to Newmar already assembled on the brackets.

To order a replacement jack assembly use 7636 for the front jacks and 7214 for the rear jacks.

In October of 2014 the system number changed from 8612A to 8612B

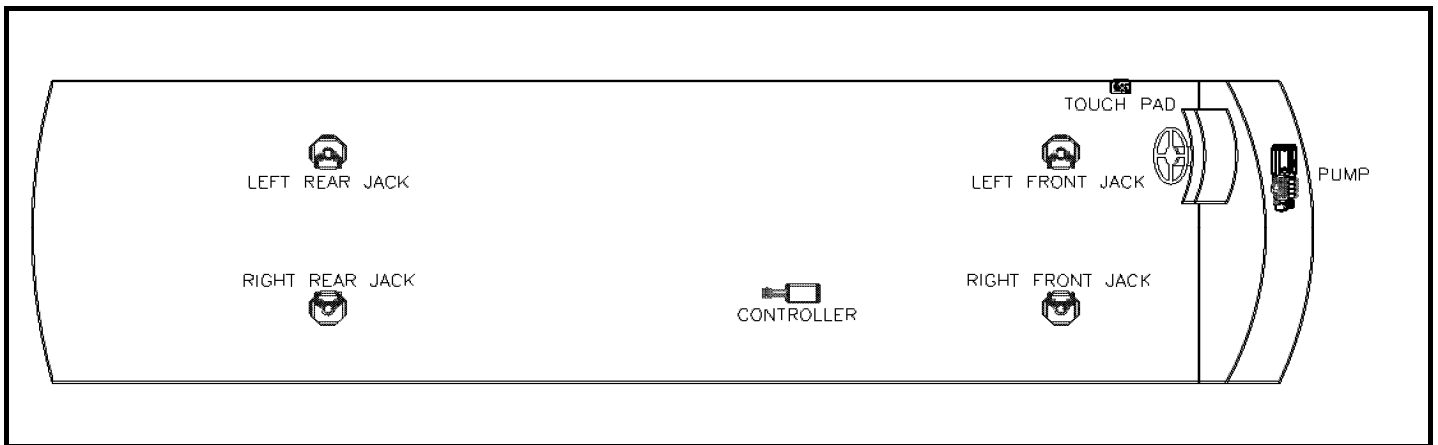
On 7/26/16 the system number changed from 8612B to 8612C for 3149A controller.

Item, Length	Description / Location	Qty	Color	Equalizer Part No.
Kit	(Items listed below)	1		8612C
Pump	4-Function, Jacks	1		7770
Jack	7,500 lbs, 15" Stroke/Front Jacks	2		7850
Jack	12,000 lbs, 16" Stroke/Rear Jacks	2		7852
Touch Pad	Located to the left of the drivers seat	1		3103
AL Controller	Attached to bottom of structure	1		3149A
Harness	Connects Pump, Controller, & Touch Pad	1		6918
Hose Kit	Complete Set of Hoses	1		7791
Hose, 6'	Pump to Jack, Left Front Top	1	Brown Solid	2461
Hose, 8'	Pump to Jack, Left Front Bottom	1	Brown Stripe	2463
Hose, 8'	Pump to Jack, Right Front Top	1	White Solid	2463
Hose, 8'	LR Jack Bottom to RR Jack Bottom	1	Orange/Yellow Stripe	2463
Hose, 10'	LF Jack Bottom to RF Jack Bottom	1	Brown/White Stripe	2465
Hose, 36'	Pump to Jack, Left Rear Top	1	Orange Solid	2486
Hose, 36'	Pump to Jack, Right Rear Top	1	Yellow Solid	2486
Hose, 38'	Pump to Jack, Right Rear Bottom	1	Yellow Stripe	2488

**Options**


**Revisions**


**MY2019 CANYON STAR 3513, 3608, 3627, 3646, 3710, 3719, 3722, 3723, 3911, 3924, 3927  
STANDARD ON ALL FLOOR PLANS LISTED**



**Notes:**

For model year 2014, Equalizer will begin sending jacks to Newmar already assembled on the brackets.

To order a replacement jack assembly use 7636 for the front jacks and 7214 for the rear jacks.

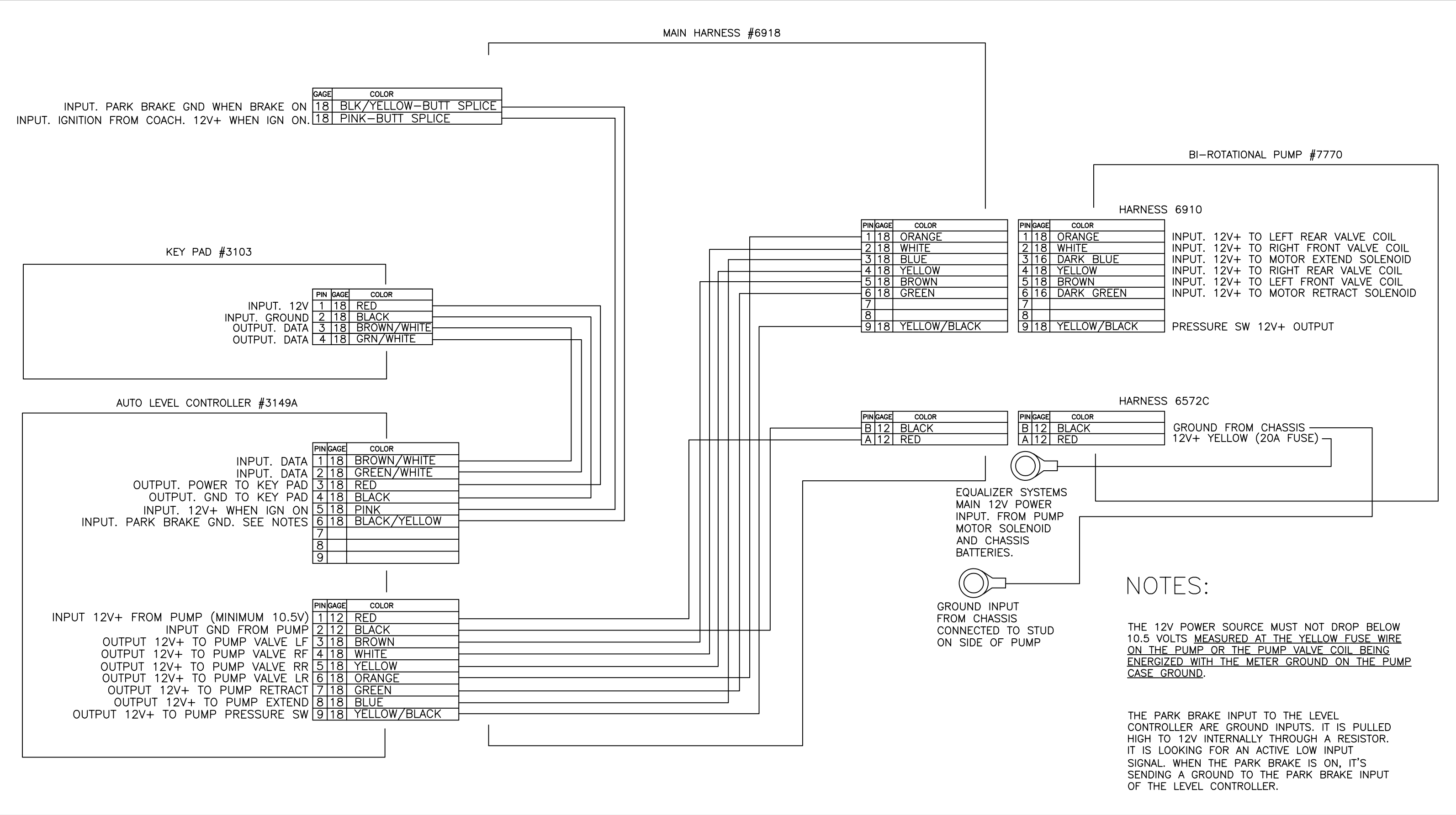
In October of 2014 the system number changed from 8612A to 8612B

On 7/26/16 the system number changed from 8612B to 8612C for 3149A controller.

Item, Length	Description / Location	Qty	Color	Equalizer Part No.
Kit	(Items listed below)	1		8612C
Pump	4-Function, Jacks	1		7770
Jack	7,500 lbs, 15" Stroke/Front Jacks	2		7850
Jack	12,000 lbs, 16" Stroke/Rear Jacks	2		7852
Touch Pad	Located to the left of the drivers seat	1		3103
AL Controller	Attached to bottom of structure	1		3149A
Harness	Connects Pump, Controller, & Touch Pad	1		6918
Hose Kit	Complete Set of Hoses	1		7791
Hose, 6'	Pump to Jack, Left Front Top	1	Brown Solid	2461
Hose, 8'	Pump to Jack, Left Front Bottom	1	Brown Stripe	2463
Hose, 8'	Pump to Jack, Right Front Top	1	White Solid	2463
Hose, 8'	LR Jack Bottom to RR Jack Bottom	1	Orange/Yellow Stripe	2463
Hose, 10'	LF Jack Bottom to RF Jack Bottom	1	Brown/White Stripe	2465
Hose, 36'	Pump to Jack, Left Rear Top	1	Orange Solid	2486
Hose, 36'	Pump to Jack, Right Rear Top	1	Yellow Solid	2486
Hose, 38'	Pump to Jack, Right Rear Bottom	1	Yellow Stripe	2488

**Options**


**Revisions**

## Purge Instructions for Newmar Systems

This procedure must be performed with the initial installation & running of the hydraulic system, and following installation of the pump assembly and jacks. This procedure applies only to the MH-4 systems that are equipped with the Bi-rotational pump. All electrical and hose connections must be completed before the purging process. **You Must Follow this Procedure Strictly. Any Deviation from the Process will cause the purging process to become difficult and time consuming.**

- 1) Fill the reservoir with Dexron ATF.
- 2) Attach a hose with coupler to the quick disconnect fitting on the end of the manifold. Place the end of the hose into a clean container. During the initial run of the pump this hose will have air coming out of it with the possibility of a little residual fluid from the retract side of the system.
- 3) Run the pump to extend the jacks. Maintain the fluid level in the reservoir  $\frac{1}{4}$  to  $\frac{1}{2}$  full. Do not allow the reservoir to run empty. If jack(s) will not fully extend, crack loose the upper hose(s) at the jack(s) and run the pump to extend until air is expelled. **Use Caution-hydraulic fluid will be under high pressure.** Retighten the hoses and complete the extensions of the jacks. Maintain the fluid level as described above.
- 4) Remove the hose and coupler from the quick disconnect fitting attached to the manifold.
- 5) Run the pump to retract the jacks. Maintain the fluid level as above. Do not fill the reservoir to full until after the legs are fully retracted.
- 6) **IMPORTANT**-If fluid in reservoir appears to be aerated (foaming), allow unit to rest until foam dissipates (approx. 5-10 minutes).
- 7) Fully extend and retract jacks a minimum of 3 times. Allow any foam in the reservoir to dissipate before each run. Keep the fluid level above  $\frac{1}{4}$  to  $\frac{1}{2}$  at all times.
- 8) After final runs, with jacks fully retracted, add fluid up to the fill line.

## Additional Notes Regarding Purging

- The reservoir fluid level will be the greatest when all jacks are fully retracted: the fluid level will be lowest when all jacks are fully extended.
- Never allow the reservoir to go empty. Maintain the fluid level at least  $\frac{3}{4}$  full when the jacks are retracted.
- Being patient helps. IT does no good to run the pump and try to move the jacks when the reservoir is full of foam. Pumping foam will only reintroduce air into the system and will prolong the process unnecessarily.
- We want the air out. Allowing the air to dissipate through the reservoir and maintaining the reservoir fluid level will get things working faster.

## 7762 PARTS LIST

ITEM	PART#	DESCRIPTION	QUAN	COLOR CODE	LOCATION
1	2461	HOSE-6'	1	BROWN SOLID	PUMP PORT T1 TO TOP OF LF JACK
2	2463	HOSE-8'	1	ORANGE STRIPE/YELLOW STRIPE	BOTTOM OF LR JACK TO BOTTOM OF RR JACK
3	2463	HOSE-8'	1	WHITE SOLID	PUMP PORT T2 TO TOP OF RF JACK
4	2463	HOSE-8'	1	BROWN STRIPE	PUMP PORT B1 TO BOTTOM OF LF JACK
5	2465	HOSE-10'	1	BROWN STRIPE/WHITE STRIPE	BOTTOM OF LF JACK TO BOTTOM OF RF JACK
6	2486	HOSE-36'	1	ORANGE SOLID	PUMP PORT T3 TO TOP OF LR JACK
7	2486	HOSE-36'	1	YELLOW SOLID	PUMP PORT T4 TO TOP OF RR JACK
8	2488	HOSE-38'	1	YELLOW STRIPE	PUMP PORT B4 TO BOTTOM OF RR JACK

**Warranty authorization must come directly from Equalizer Systems. (800) 846-9659.**

<div>Equalizer</div> <div>55169 COUNTY ROAD 3 ELKHART, IN 46515</div>	#	REVISIONS	BY:	DATE:	<div>UNLESS OTHERWISE SPECIFIED:</div> <div>TOLERANCES:</div> <div>.XXX ± 0.010</div> <div>.XX ± 0.010</div> <div>.X ± 0.030</div> <div>ANG. ± 1/2'</div> <div>REMOVE ALL BURRS AND SHARP EDGES .015 MAX</div>	TITLE		USED ON:		
						NEWMAR HOSE CHART		CANYON STAR		
						SIZE	SCALE	MATERIAL		
						A	1: 1	AS NOTED		
						DRW BY:	DATE:	PART NAME:		
						SJ	3/28/12	HOSE KIT-NEWMAR 8612		
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						—	—	1 OF 2	P7791	—



<i>Equalizer</i> 55169 COUNTY ROAD 3 ELKHART, IN 46515	#	REVISIONS	BY:	DATE:	UNLESS OTHERWISE SPECIFIED:	TITLE		USED ON:		
					TOLERANCES:	NEWMAR HOSE CHART		CANYON STAR		
					.XXX ± 0.010	SIZE	SCALE	MATERIAL		
					.XX ± 0.010	A	1: 1	AS NOTED		
					.X ± 0.030	DRW BY:	DATE:	PART NAME:		
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						—	—	1 OF 2	P7791	—