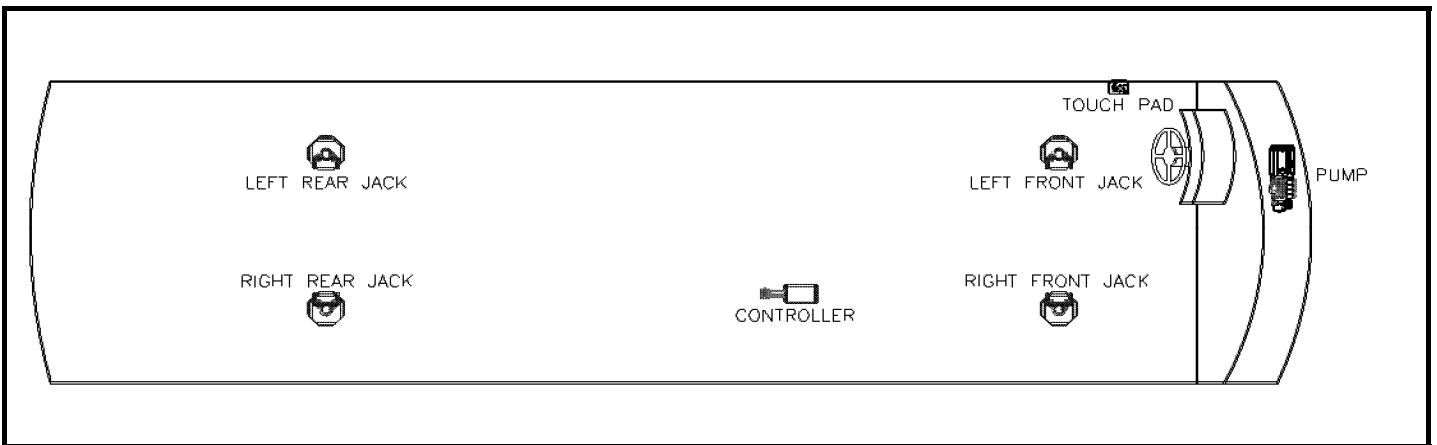


MY2014 BAY STAR SPORT 2702, 2903, 3220, 3306-OPTIONAL ON ALL FLOOR PLANS LISTED
MY2014 BAY STAR 2903, 3103, 3124, 3215, 3308, 3309-STANDARD ON ALL BAY STAR FLOOR PLANS LISTED



Notes:

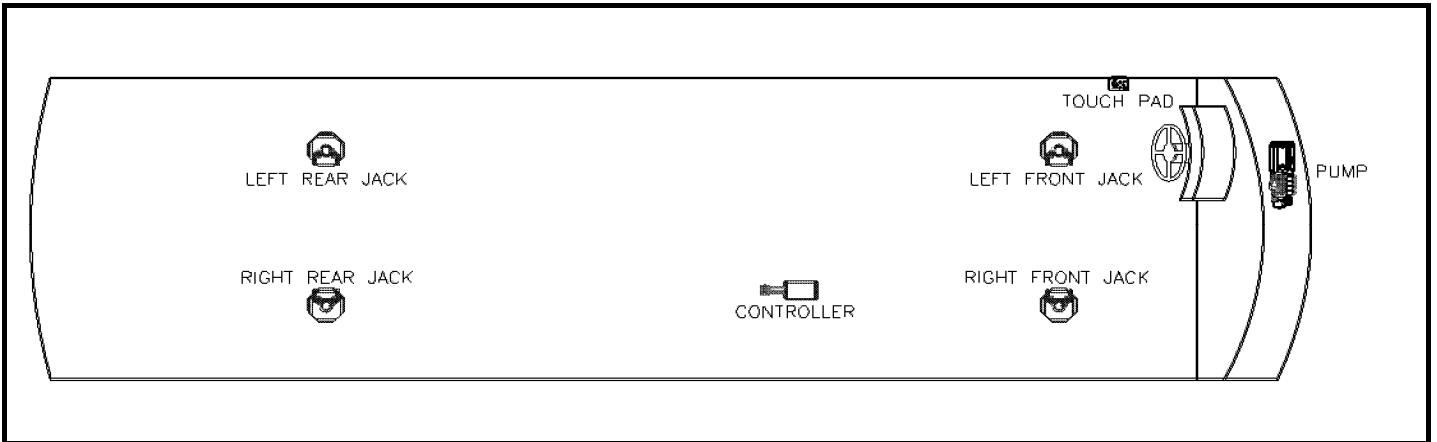
For model year 2014, Equalizer will begin sending jacks to Newmar already assembled on the brackets.
 To order a replacement jack assembly use 7636

Item, Length	Description / Location	Qty	Color	Equalizer Part No.
Kit	(Items listed below)	1		8582B
Pump	4-Function, Jacks	1		7770
Jack	7,500 lbs, 15" Stroke/Front Jacks	2		7850
Jack	7,500 lbs, 15" Stroke/Rear Jacks	2		7851
Touch Pad	Located to the left of the drivers seat	1		3103
AL Controller	Attached to bottom of structure	1		3149
Harness	Connects Pump, Controller, & Touch Pad	1		6918
Hose Kit	Complete Set of Hoses	1		7762
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, 30'	Pump to Jack, Left Rear Top	1	Orange Solid	2527
Hose, 30'	Pump to Jack, Right Rear Top	1	Yellow Solid	2527
Hose, 32'	Pump to Jack, Right Rear Bottom	1	Yellow Stripe	2482

Options

Revisions

MY2015 BAY STAR SPORT 2622, 2702, 2707, 2903, 3022, 3220, 3306, 3309-OPTIONAL ON ALL FLOOR PLANS LISTED
MY2015 BAY STAR 2903, 3103, 3124, 3215, 3308, 3401, 3402-STANDARD ON ALL BAY STAR 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

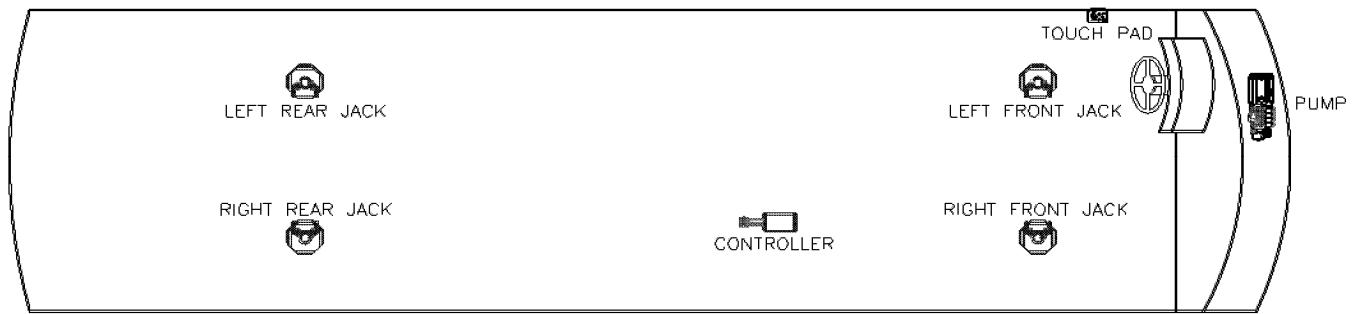
In October of 2014 the system number changed from 8582B to 8582C

Item, Length	Description / Location	Qty	Color	Equalizer Part No.
Kit	(Items listed below)	1		8582B/8582C
Pump	4-Function, Jacks	1		7770
Jack	7,500 lbs, 15" Stroke/Front Jacks	2		7850
Jack	7,500 lbs, 15" Stroke/Rear Jacks	2		7851
Touch Pad	Located to the left of the drivers seat	1		3103
AL Controller	Attached to bottom of structure	1		3149
Harness	Connects Pump, Controller, & Touch Pad	1		6918
Hose Kit	Complete Set of Hoses	1		7762
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, 30'	Pump to Jack, Left Rear Top	1	Orange Solid	2527
Hose, 30'	Pump to Jack, Right Rear Top	1	Yellow Solid	2527
Hose, 32'	Pump to Jack, Right Rear Bottom	1	Yellow Stripe	2482

Options

Revisions

MY2016 BAY STAR SPORT OPTIONAL ON: 2622, 2702, 2705, 2903, 3004, 3022, 3227, 3306, 3404
MY2016 BAY STAR STANDARD ON: 3004, 3124, 3227, 3401, 3402, 3403, 3404, 3518



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

In October of 2014 the system number changed from 8582B to 8582C

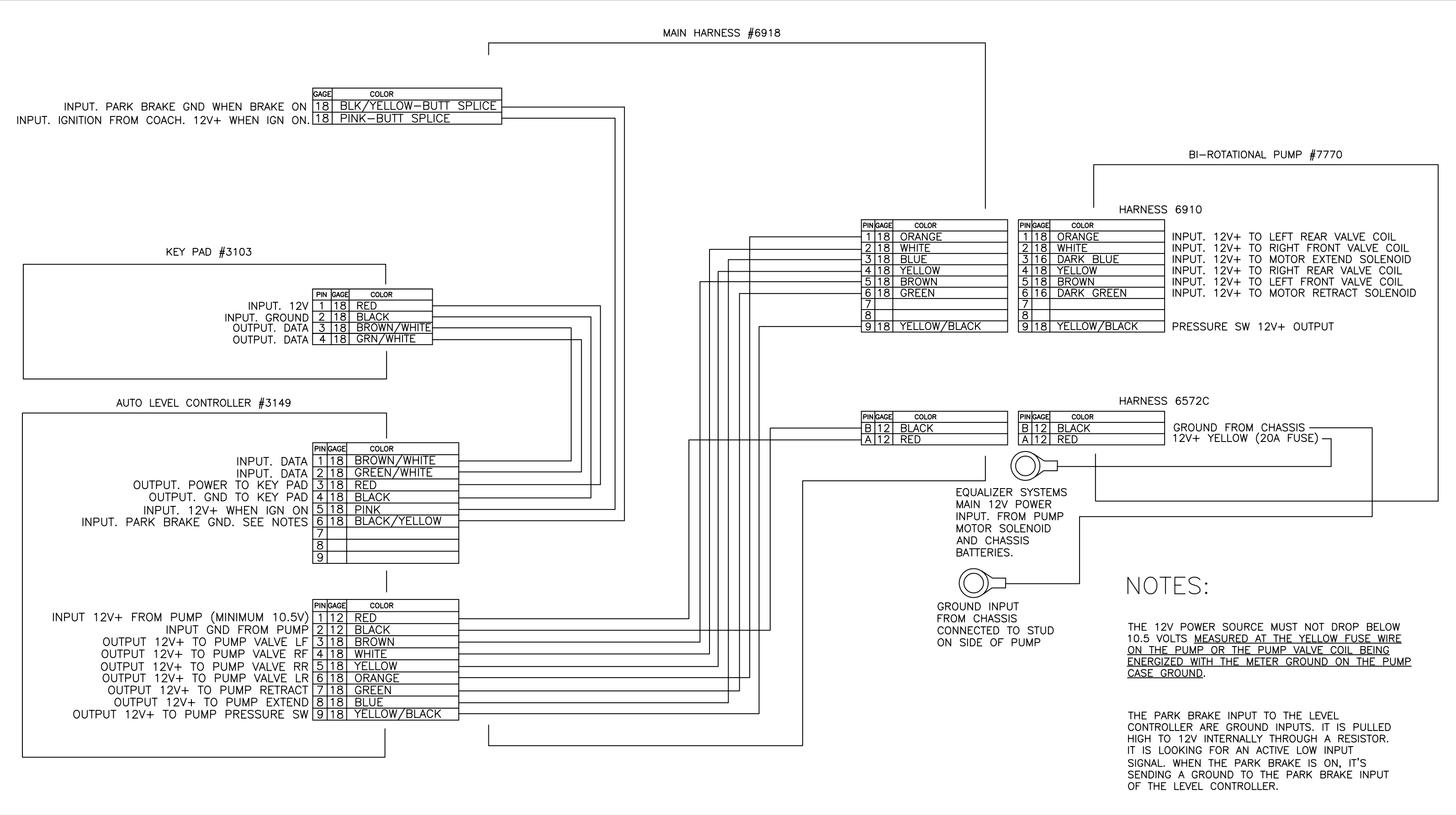
Item, Length	Description / Location	Qty	Color	Equalizer Part No.
Kit	(Items listed below)	1		8582B/8582C
Pump	4-Function, Jacks	1		7770
Jack	7,500 lbs, 15" Stroke/Front Jacks	2		7850
Jack	7,500 lbs, 15" Stroke/Rear Jacks	2		7851
Touch Pad	Located to the left of the drivers seat	1		3103
AL Controller	Attached to bottom of structure	1		3149
Harness	Connects Pump, Controller, & Touch Pad	1		6918
Hose Kit	Complete Set of Hoses	1		7762
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, 30'	Pump to Jack, Left Rear Top	1	Orange Solid	2527
Hose, 30'	Pump to Jack, Right Rear Top	1	Yellow Solid	2527
Hose, 32'	Pump to Jack, Right Rear Bottom	1	Yellow Stripe	2482

Options

[illegible]

Revisions

REVISIONS	



<div>Equalizer</div> <div>55169 COUNTY ROAD 3 ELKHART, IN 46515</div>	#	REVISIONS	BY:	DATE:	UNLESS OTHERWISE SPECIFIED: TOLERANCES: .XXX ± 0.010 .XX ± 0.010 .X ± 0.030 ANG. ± 1/2" REMOVE ALL BURRS AND SHARP EDGES .015 MAX	TITLE AUTO LEVEL SCHEMATIC			USED ON: NEWMAR-BAY STAR &CANYON STAR		
						SIZE	SCALE	SYSTEMS			
						A	1: 1	8582B-8582C-8612A-8612B			
						DRW BY:		DATE:	PART NAME:		
						SJ		2/6/13	AUTO LEVEL WIRING SCHEMATIC		
						APP'D BY		DATE:	PAGE:	DWG NO.:	REV:
						—		—	1 OF 1	P8582B	—
NOTICE – This drawing, including principles of design, is the property of Days Corporation, Elkhart, Indiana, with the agreement that it is not to be reproduced, copied, or loaned in any manner that may constitute a detriment directly or indirectly to Days Corporation. Acceptance of this will be construed as an agreement of the above.											

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

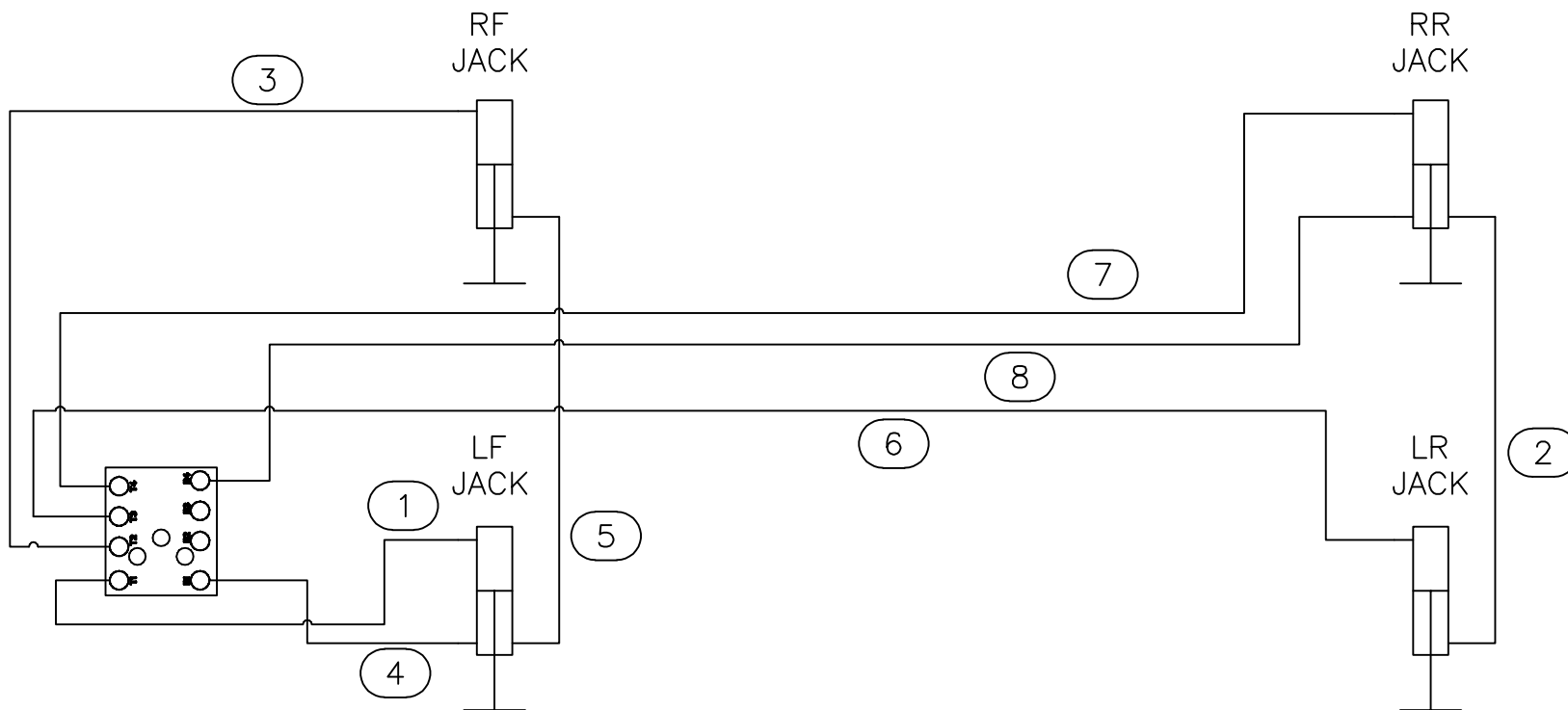
- The reservoir fluid level will be the greatest when all jacks are fully retracted: the fluid level will be lowest when all jacks are fully extended.
- Never allow the reservoir to go empty. Maintain the fluid level at least $\frac{3}{4}$ full when the jacks are retracted.
- Being patient helps. IT 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	2484	HOSE-34'	1	ORANGE SOLID	PUMP PORT T3 TO TOP OF LR JACK
7	2482	HOSE-32'	1	YELLOW SOLID	PUMP PORT T4 TO TOP OF RR JACK
8	2484	HOSE-34'	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> <div>NOTICE – This drawing, including principles of design, is the property of Days Corporation, Elkhart, Indiana, with the agreement that it is not to be reproduced, copied, or loaned in any manner that may constitute a detriment directly or indirectly to Days Corporation. Acceptance of this will be construed as an agreement of the above.</div>	#	REVISIONS	BY:	DATE:	UNLESS OTHERWISE SPECIFIED: TOLERANCES: .XXX ± 0.010 .XX ± 0.010 .X ± 0.030 ANG. ± 1/2" REMOVE ALL BURRS AND SHARP EDGES .015 MAX	TITLE NEWMAR HOSE CHART			USED ON: 18K & 20.5K CHASSIS			
	A	Updated hose lengths after initial install	SJ	5/24/11		SIZE	SCALE	MATERIAL	NOTED			
	B	ORANGE SOLID HOSE CHANGED FROM 30' TO 32'	SJ	11/30/16		A	1: 1	AS				
	C	#6 WAS 32', #7 WAS 30', #8 WAS 32'	SJ	6/14/18		DRW BY:	DATE:	PART NAME:				
						SJ	5/2/11	HOSE KIT-NEWMAR 8582				
						APP'D BY	DATE:	PAGE:	DWG NO.:	REV:		
						–	–	1 OF 2	P7762	C		



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

Equalizer

55169 COUNTY ROAD 3
ELKHART, IN 46515

NOTICE - This drawing, including principles of design, is the property of Days Corporation, Elkhart, Indiana, with the agreement that it is not to be reproduced, copied, or loaned in any manner that may constitute a detriment directly or indirectly to Days Corporation. Acceptance of this will be construed as an agreement of the above.

#	REVISIONS	BY:	DATE:
A	Updated hose lengths after initial install	SJ	5/24/11
B	ORANGE SOLID HOSE CHANGED FROM 30' TO 32'	SJ	11/30/16
C	#6 WAS 32', #7 WAS 30', #8 WAS 32'	SJ	6/14/18

UNLESS OTHERWISE
SPECIFIED:
TOLERANCES:
.XXX ± 0.010
.XX ± 0.010
.X ± 0.030
ANG. ± 1/2"
REMOVE ALL BURRS AND
SHARP EDGES .015 MAX

TITLE			USED ON:	
NEWMAR HOSE CHART			18K & 20.5K CHASSIS	
SIZE	SCALE	MATERIAL		
A	1: 1	AS	NOTED	
DRW BY:	DATE:	PART NAME:		
SJ	5/2/11	HOSE KIT-NEWMAR 8582		
APP'D BY	DATE:	PAGE:	DWG NO.:	REV:
-	-	2 OF 2	P7762	C