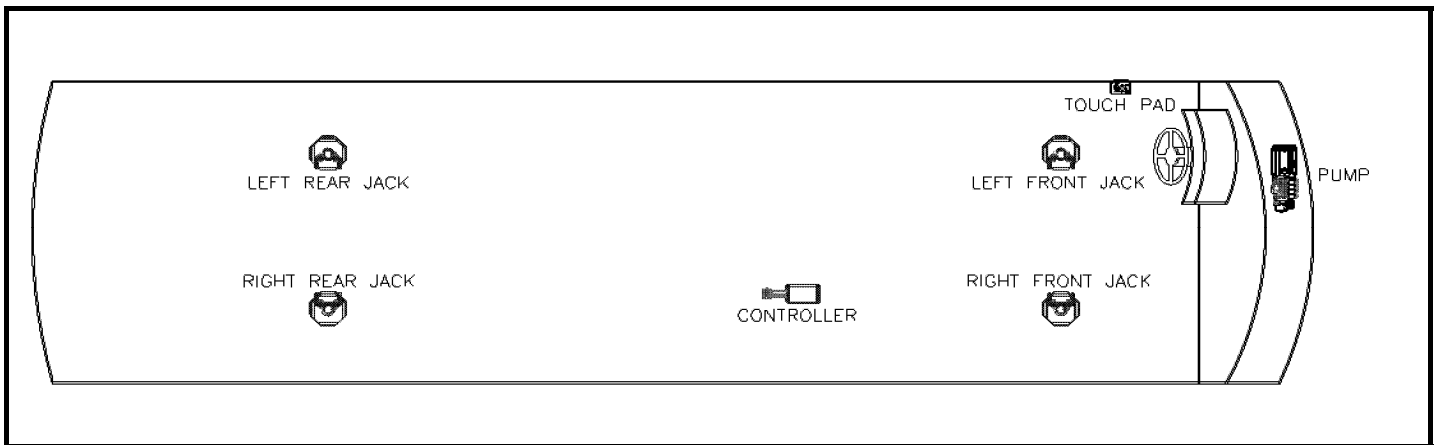


MY2014 CANYON STAR 3424, 3610, 3630, 3650, 3910, 3911, 3920, 3921, 3940, 3953, 3956
STANDARD ON ALL FLOOR PLANS LISTED



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.

| Item, Length | Description / Location | Qty | Color | Equalizer Part No. |
|---------------|---|-----|----------------------|--------------------|
| Kit | (Items listed below) | 1 | | 8612A |
| 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 | | 3149 |
| 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 |

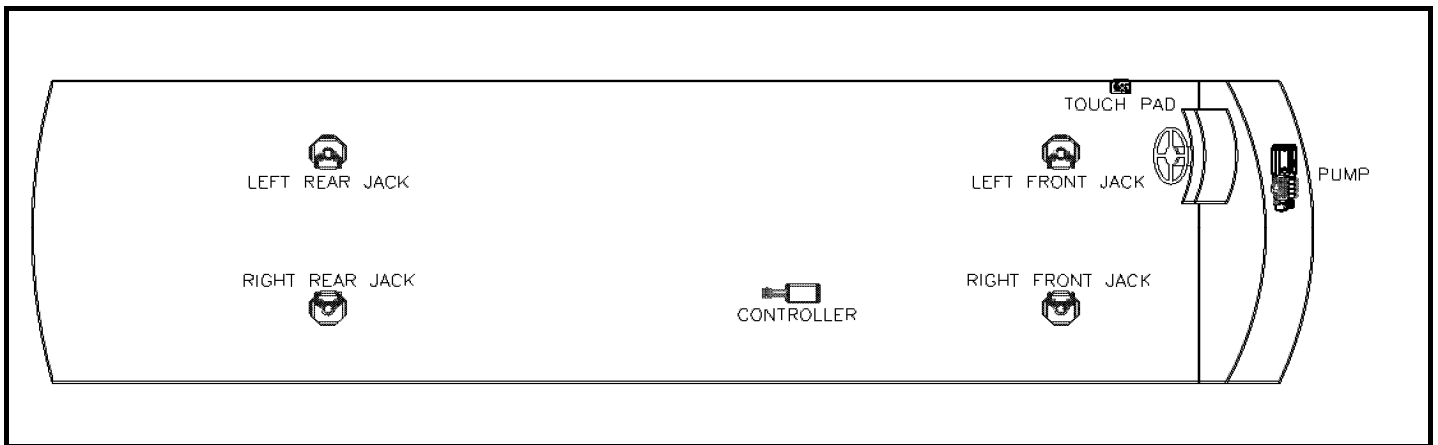
Options

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Revisions

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**MY2015 CANYON STAR 3424, 3610, 3612, 3650, 3911, 3913, 3919, 3920, 3921, 3941, 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

| Item, Length | Description / Location | Qty | Color | Equalizer Part No. |
|---------------|---|-----|----------------------|--------------------|
| Kit | (Items listed below) | 1 | | 8612A/8612B |
| 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 | | 3149 |
| 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 |

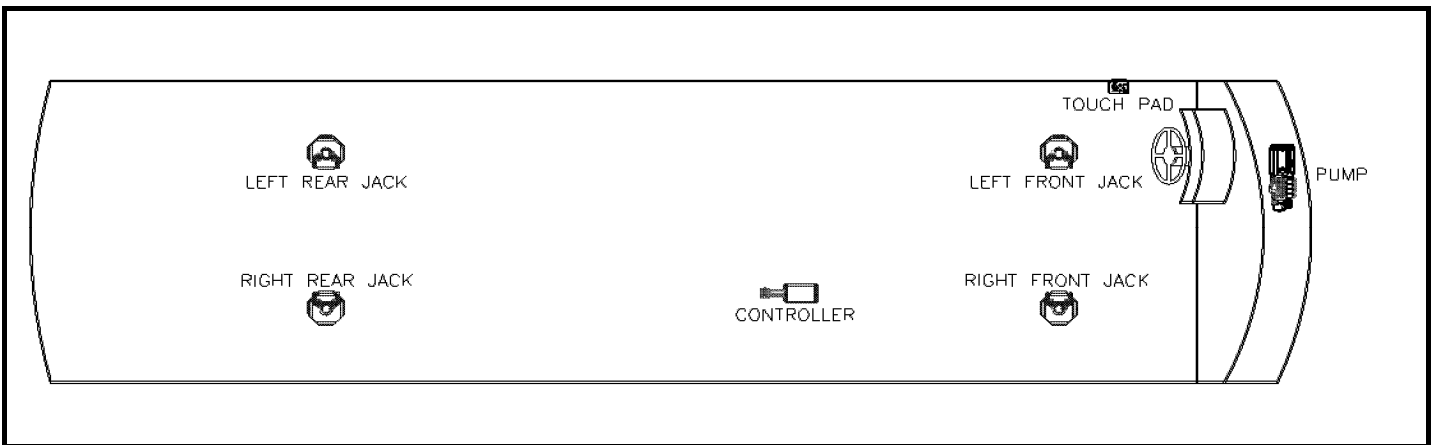
Options

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Revisions

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**MY2016 CANYON STAR 3710, 3712, 3755, 3903, 3911, 3914, 3921, 3922, 3944, 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

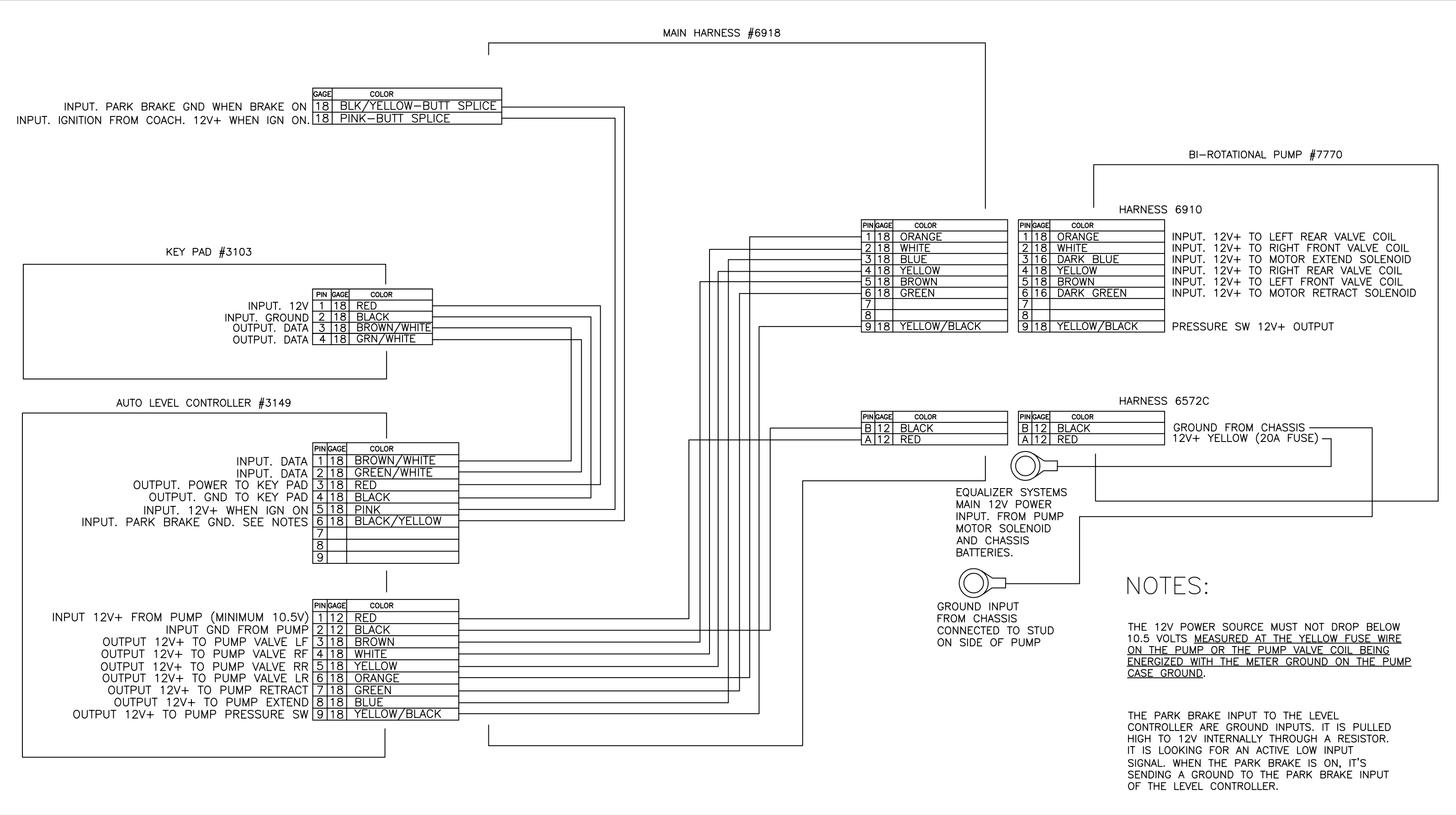
| Item, Length | Description / Location | Qty | Color | Equalizer Part No. |
|---------------|---|-----|----------------------|--------------------|
| Kit | (Items listed below) | 1 | | 8612A/8612B |
| Pump | 4-Function, Jacks | 1 | | 7770 |
| Jack | 7,500 lbs, 15" Stroke/Front Jacks | 2 | | 7850 |
| 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 | | 3149 |
| 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

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|---|---|-----------|-----|-------|---|-------------------------------|-------|-------------------------|---|--------------------|-----------|
| <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 AUTO LEVEL SCHEMATIC | | | USED ON: NEWMAR-BAY STAR &CANYON STAR | | |
| | | | | | | SIZE | SCALE | SYSTEMS | | | |
| | | | | | | A | 1: 1 | 8582B-8582C-8612A-8612B | | | |
| | | | | | | DRW BY: SJ | | DATE: 2/6/13 | PART NAME: AUTO LEVEL WIRING SCHEMATIC | | |
| | | | | | | APP'D BY — | | DATE: — | PAGE: 1 OF 1 | DWG NO.: P8582B | REV: — |
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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

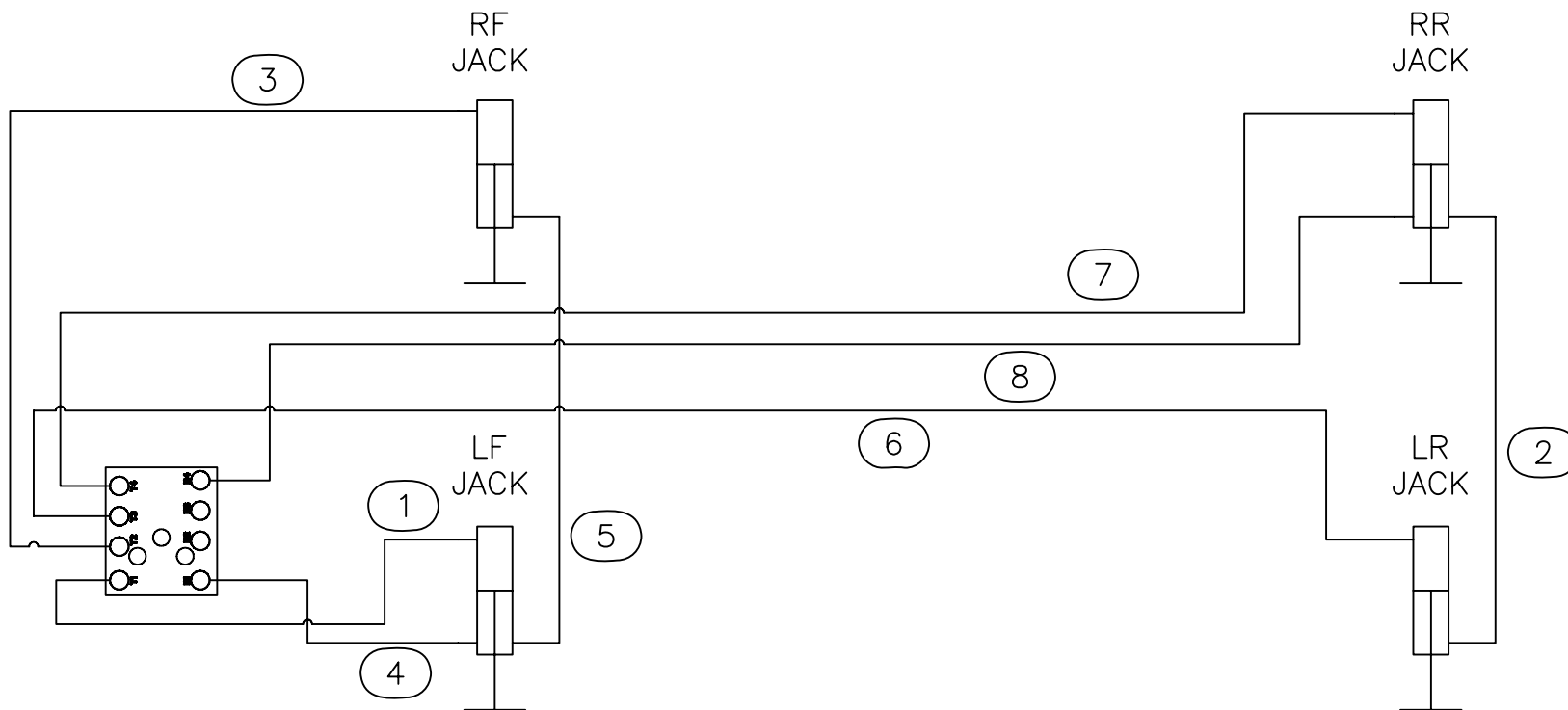
- The reservoir fluid level will be the greatest when all jacks are fully retracted: the fluid level will be lowest when all jacks are fully extended.
- Never allow the reservoir to go empty. Maintain the fluid level at least $\frac{3}{4}$ full when the jacks are retracted.
- Being patient helps. IT 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.

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| 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: | 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: CANYON STAR |
| | | | | | SIZE A | SCALE 1: 1 | MATERIAL AS |
| | | | | | DRW BY: SJ | DATE: 3/28/12 | PART NAME: HOSE KIT-NEWMAR 8612 |
| | | | | | APP'D BY - | DATE: - | PAGE: 1 OF 2 |
| | | | | | | | DWG NO.: P7791 |
| | | | | | | | REV: - |



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Equalizer

55169 COUNTY ROAD 3
ELKHART, IN 46515

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SPECIFIED:
TOLERANCES:
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REMOVE ALL BURRS AND
SHARP EDGES .015 MAX

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| TITLE NEWMAR HOSE CHART | | USED ON: CANYON STAR | |
| SIZE A | SCALE 1: 1 | MATERIAL AS NOTED | |
| DRW BY: SJ | DATE: 3/28/12 | PART NAME: HOSE KIT-NEWMAR 8612 | |
| APP'D BY - | DATE: - | PAGE: 1 OF 2 | DWG NO.: P7791 |
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