



EASY APPROACH[™]
OWNER'S MANUAL
(FOREST RIVER)

L I P P E R T
C O M P O N E N T S[®]

TABLE OF CONTENTS

Introduction	3
Safety	3
Preparation	4
LCD Touchpad	5
Prior to Operation	5
Leveling System Operation	5
Basic Jack Operation	5
Unhitching Instructions	6
Auto Level	6
Hitch Recognition	7
Auto Leveling Control Touchpad	7
Unhitching Instructions	8
Auto Level	8
Auto Level Sequence	8
Hitch Recognition - Reconnecting to Tow Vehicle	8
OneControl Touch Panel	9
Standard Mode and Menu	10
Basic Jack Operation	11
Unhitching Instructions	12
Auto Level	12
Auto Level Sequence	12
Hitch Recognition - Reconnecting to Tow Vehicle	12
Easy Approach System Operation	13
Lowering the Trailer	13
Raising the Trailer	13
Maintenance	14
Preventive Maintenance (Jacks)	14
Fluid Recommendation	14
Troubleshooting	14
Manual Override	14
Hydraulic System Leak	17
LCD Touchpad Error Codes	19
OneControl Touch Panel Error Codes	20
Hydraulic Plumbing Diagram (Extend Jacks/Slide-Outs)	21
Hydraulic Plumbing Diagram (Retract Jacks/Slide-Outs)	23
Hydraulic Plumbing Diagram (Easy Approach System)	25
Electrical Wiring Diagram	27

Introduction

The Easy Approach™ Hydraulic Lowering System is an attached sub-frame (Fig. 1) for 5th wheel applications that simplifies loading and unloading of the trailer by lowering the trailer's frame and body closer to the ground at a controlled rate of speed. The system will also lift the trailer's frame and body to an upper-most position, hydraulically locking the linkage into place so the linkage does not move during transport.

For information on the assembly or individual components of this product, please visit:

<https://support.lci1.com/forest-river-easy-approach> .

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Fig. 1



Safety

Read and fully understand all instructions and adhere to all safety notices before operating the Easy Approach system. Failure to follow instructions and safety notice may void product warranty.

⚠ WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death, serious personal injury or product and/or property damage if not performed safely and within the parameters set forth in this manual.

⚠ WARNING

The trailer **MUST** be supported per manufacturer's recommendations before working underneath. Failure to do so may result in death, serious personal injury, product or property damage.

WARNING

Keep people and pets clear of the trailer when operating the Easy Approach system.

WARNING

Make sure to keep hands and other body parts clear of fluid leaks. Leaks in the Easy Approach system may be under high pressure and can cause skin-penetrating injuries.

CAUTION

The "CAUTION" symbol above is a sign that a procedure has a safety risk involved and may cause personal injury, product and/or property damage if not performed safely and within the parameters set forth in this manual.

CAUTION

Always wear eye protection when performing service or maintenance to the trailer. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the service.

CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

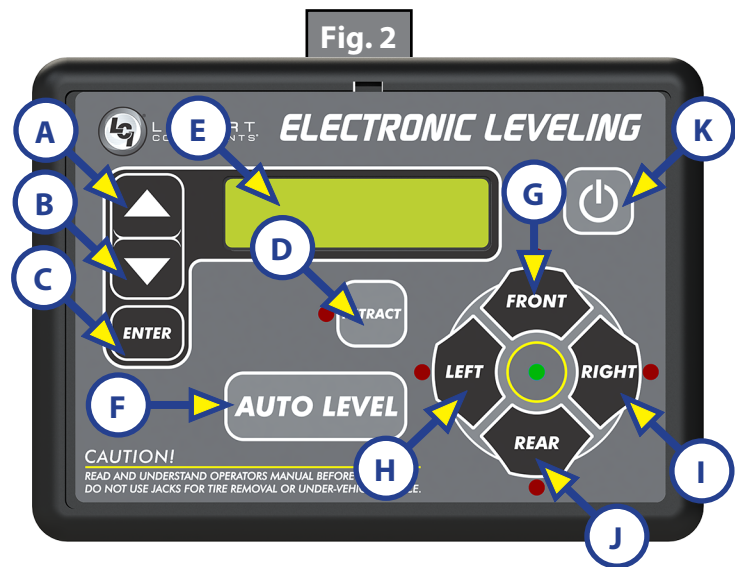
Preparation

1. Make sure the trailer is parked on solid, level ground.
2. Clear area under trailer of debris and obstructions.
3. Locations should also be free of depressions.

NOTE: When parking the trailer on extremely soft surfaces, utilize load distribution pads under the rear jacks of the trailer.

4. Prior to using the Easy Approach system, make sure the trailer is unhitched from the tow vehicle.
5. The rear jacks must be in the retracted position prior to lowering or raising the trailer.

The LCD Touchpad (Fig. 2) located on the trailer will control all functions on the leveling system. The Auto Leveling Control Touchpad (Fig. 4) located in the access compartment on the roadside of the trailer can be used for unhitching and leveling, but not for operating the rear jacks. All of those functions can be completed from the OneControl Touch Panel (Fig. 5) located in the trailer.



Callout	Description
A	Up Arrow - Scrolls up through the menu on LCD.
B	Down Arrow - Scrolls down through the menu on LCD.
C	ENTER - Activates modes and procedures indicated on LCD.
D	RETRACT - Places leveling system into retract mode.
E	LCD Display - Displays procedures and results.
F	AUTO LEVEL - Places leveling system into auto level mode.
G	FRONT Button - Activates both front jacks.
H	LEFT Button - Activates left leveling jack(s) in manual mode.
I	RIGHT Button - Activates right leveling jack(s) in manual mode.
J	REAR Button - Activates leveling jacks in manual mode.
K	Power Button - Turns leveling system on and off.

Prior to Operation

- The leveling system shall only be operated under the following conditions:
- 1. The trailer is parked on a reasonably level surface.
 - 2. Make sure all persons, pets and property are clear of the trailer while the Easy Approach LCD Leveling system is in operation.
 - 3. Make sure the battery of the trailer is fully charged or that the trailer is plugged into shore power prior to attempting to operate the system. The automatic leveling system requires a minimum of 12V DC from the battery for operation.

Leveling System Operation

Basic Jack Operation

- 1. Landing Gear Jacks
 - A. Landing gear jacks can be operated any time the system is on, but not in AUTO MODE. Press the FRONT button (Fig. 3F) so that both front or landing gear jacks can be extended.
 - B. If the touchpad is put in the RETRACT mode, indicated by the orange illuminated LED next to the RETRACT button (Fig. 3I), the front jacks can be retracted together by pressing the FRONT button.

2. Level-Up Jacks

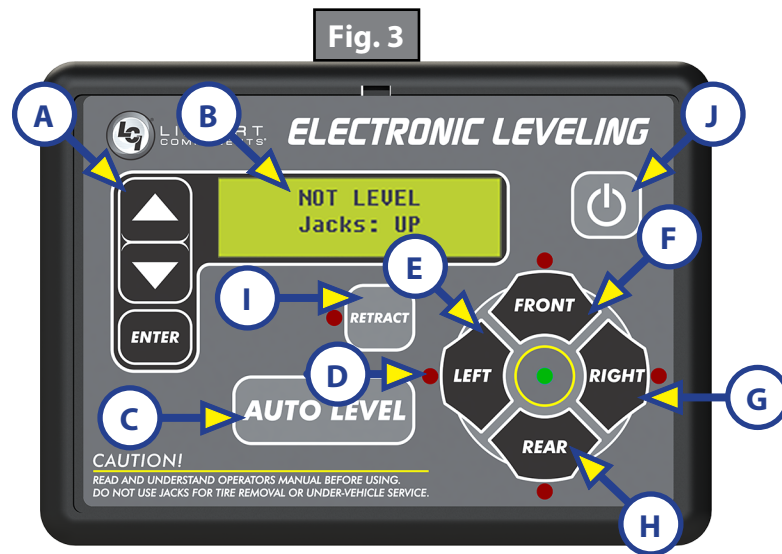
- A.** The Level-Up jacks operate when AUTO MODE is activated or the touchpad is in MANUAL MODE. Once the system is in MANUAL MODE, press the REAR button (Fig. 3H) to extend all Level-Up jacks at the same time.

NOTE: MANUAL and AUTO modes can be selected through the LCD menu by using the Up and Down Arrow buttons and then pressing ENTER to select the desired mode.

- B.** Press the LEFT or RIGHT buttons (Fig. 3E or 3G) to operate Level-Up jacks on the left (roadside) or right (curbside) side of the trailer.

Unhitching Instructions

1. Press Power button (Fig. 3J) to turn system on. The LCD screen (Fig. 3B) lights up.
2. The LCD will display "NOT LEVEL; Jacks: UP" (Fig. 3B).
3. Orange arrow lights (Fig. 3D) may come on, indicating the current disposition of the trailer.
4. Press FRONT button (Fig. 3F) to extend landing gear jacks to lift front of the trailer to take the weight of the 5th Wheel off the hitch.
5. Pull the tow vehicle away and park it at a safe distance.
6. If the Easy Approach System is desired at this point, go to "Easy Approach System Operation."



Auto Level

NOTE: Prior to unhitching from the tow vehicle, make sure trailer is parked on a level surface and the tires are chocked.

1. After unhitching from tow vehicle, press AUTO LEVEL (Fig. 3C).

NOTE: Pressing any button during an auto-level sequence will abort the auto-leveling cycle.

NOTE: In order for the hitch recognition feature to function, the auto level sequence MUST be started with the front of the trailer above level.

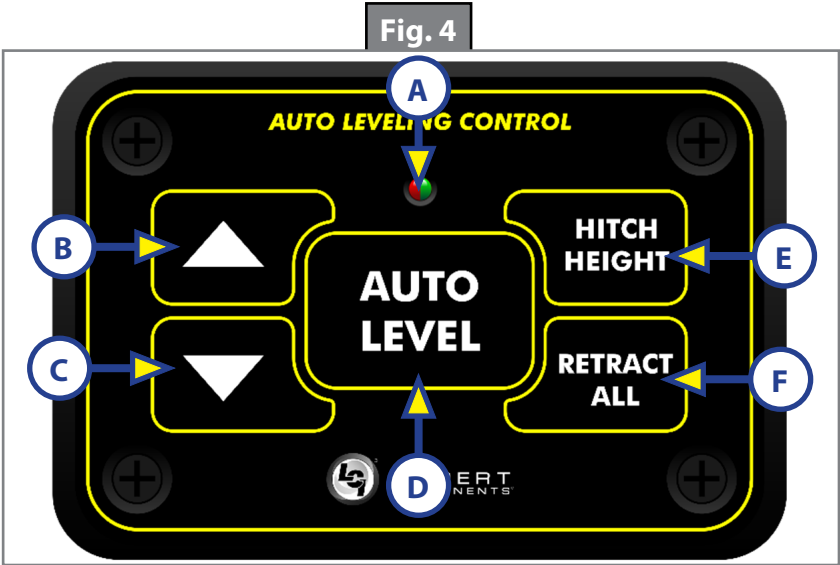
2. Front landing gear will retract, lowering the front of the trailer below level, stopping, then lifting the front end to level the trailer front-to-back.
3. The left side leveling jack extends and raises the roadside of the trailer.
4. The right side leveling jack extends and raises the curbside of the trailer, beginning side-to-side leveling.
5. The front landing gear extend to complete the leveling cycle.
6. Additional left-to-right or front-to-back leveling may occur, if the controller deems necessary.

NOTE: If the auto level sequence does not happen as stated above, check to ensure proper manual function in all zones.

Hitch Recognition

- 1. Turn on touchpad.
 - 2. Press the LEFT and RIGHT buttons simultaneously (Fig. 3E and 3G).
 - 3. Level-Up jacks will retract.
 - 4. The front of the trailer will raise to the height where the auto-level sequence was started.
- NOTE:** If the auto-level sequence was started with the front of the trailer in a below-level condition, the hitch recognition will not function and the LCD will display "Feature Disabled." For hitch recognition to function, the auto-level sequence must be started with the front of the trailer above level.
- 5. Connect tow vehicle and make sure 5th Wheel and hitch are connected and locked.
 - 6. Press Up arrow (Fig. 3A) arrow until "AUTO RETRACT" appears in LCD screen.
 - 7. Press ENTER. System will immediately retract all jacks.

Auto Leveling Control Touchpad



Auto Leveling Touchpad Features		
Callout	Description	
A	Red/Green LED - Indicates the status of the system.	
B	Up Arrow - Extends front jacks (landing gear).	To turn on the touchpad, press the Up and Down Arrow buttons at the same time.
C	Down Arrow - Retracts front jacks (landing gear).	
D	AUTO LEVEL Button - Places system into auto level mode.	
E	HITCH HEIGHT Button - Initiates the Hitch Recognition feature.	
F	RETRACT ALL Button - Places leveling system into full retract mode.	

LED Status Indicator Chart	
LED Status Color	Description
Off	Touchpad is locked.
Solid Green	Touchpad is active.
Blinking Green	Jacks are moving.
Solid Red	Low battery.
Blinking Red	Error - Refer to OneControl® Touch Panel screen for the specific error, then consult the Error Codes chart to clear the error.

Unhitching Instructions

NOTE: Prior to unhitching from the tow vehicle, make sure the trailer is parked on a level surface and chock the tires of the trailer.

1. To turn on the Auto Leveling Control Touchpad, press both UP and DOWN Arrow buttons (Figs. 4B and 4C) at the same time. The green indicator LED (Fig. 4A) will turn on.

NOTE: The touchpad will remain on as long as the user is pressing buttons. It will time out after approximately seven minutes without use.

2. Press the UP Arrow button (Fig. 4B) to extend the front jacks and lift the front of trailer to take the weight of the trailer off of the hitch.
3. Uncouple the trailer from the tow vehicle.
4. Pull tow vehicle away and park it at a safe distance.
5. If the Easy Approach System is desired at this point go to "Easy Approach System Operation."

Auto Level

NOTE: Once the automatic leveling cycle has been started, it is important there is no movement in the trailer until the trailer has completed the leveling process. Failure to remain still during the leveling cycle could have an effect on the performance of the leveling system.

1. After unhitching from tow vehicle press AUTO LEVEL (Fig. 4D).

NOTE: Pressing any button during an auto-level sequence will abort the auto-leveling cycle.

Auto Level Sequence

NOTE: Sequence may vary slightly based on the height of the trailer kingpin prior to leveling.

1. After unhitching from tow vehicle press AUTO LEVEL (Fig. 4D).
2. When the auto-level sequence begins, the front of the trailer will seek a position near a level state, then the trailer will level from front-to-back.
3. The left side jack(s) extend to ground (left mid and left rear).
4. The right side jack(s) extend to ground (right mid and right rear).
5. Jack pairs will extend as needed to level the trailer.

NOTE: Step 5 may repeat several times if the controller deems it necessary to level the trailer.

NOTE: If the auto-leveling sequence does not perform as described above, locate the OneControl Touch Panel inside the trailer to place the system in Manual Mode by pressing the Enter button until Manual Mode appears on the screen. Test that the jacks operate correctly by pushing their corresponding buttons on the OneControl Touch Panel; e.g., FRONT button (Fig. 5A) operates only the front jacks, etc.

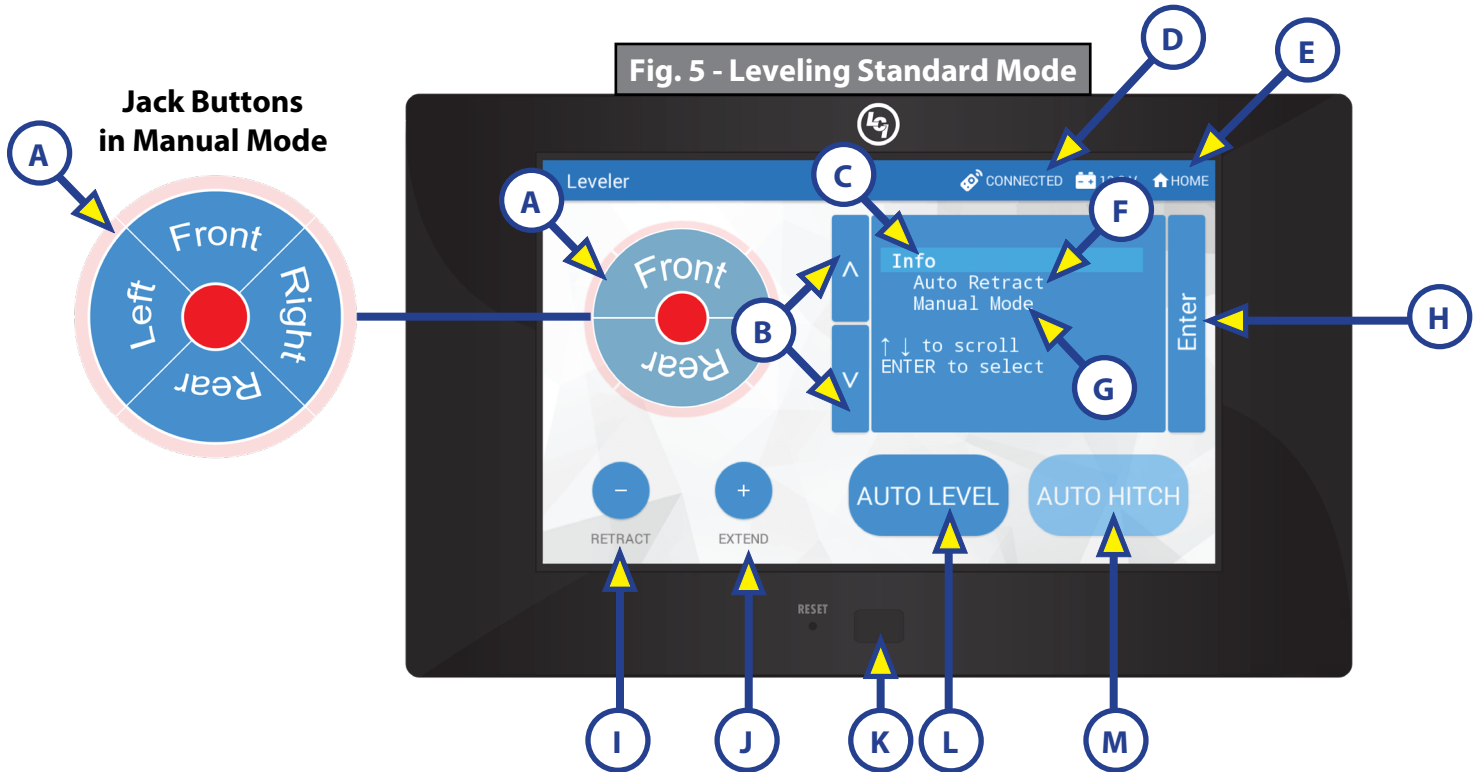
Hitch Recognition - Reconnecting to Tow Vehicle

1. To turn on the touchpad, press both UP and DOWN Arrow buttons (Figs. 4B and 4C) at the same time. The green indicator LED (Fig. 4A) will turn on.
2. Press HITCH HEIGHT (Fig. 4E) button to retract the rear jacks. The rear jacks will retract.
3. The front of the trailer will raise to the height where the auto level sequence originally started.

NOTE: If the front of the trailer was below level when the auto-leveling sequence was initiated, the hitch recognition feature will retract the rear jacks but will not retract the front jacks to lower the trailer to the initial hitch height. This feature helps prevent injury and/or damage to anything underneath the trailer.

4. Connect tow vehicle and make sure trailer and hitch are connected and locked.
5. Press RETRACT ALL button. System will immediately retract all jacks.

Fig. 5 - Leveling Standard Mode



Callout	Description
A	Jack Buttons - Select Front, Rear, Right and Left jacks to be operated depending on mode. Jacks available to be operated will be highlighted in blue. In Standard Mode, only front and rear jacks are available to be operated. In Manual Mode, all jacks are available to be operated.
B	Up and Down Arrows - Scrolls through options on screen.
C	Info - Displays system information; e.g., angle, jack stroke or software version.
D	CONNECTED Icon - Press six times to program zero point/ wireless configurations.
E	HOME Icon - Returns screen to home page.
F	Auto Retract - Enters Auto Retract mode to retract all jacks.
G	Manual Mode - Enters Manual Mode to manually operate jacks.
H	Enter - Press to select various modes.
I	RETRACT - Retracts jacks in several modes. Jacks available will be highlighted in blue.
J	EXTEND - Extends jacks in several modes. Jacks available will be highlighted in blue.
K	Power Button - Turns touch panel on and off.
L	AUTO LEVEL - Places leveling system into auto-leveling mode.
M	AUTO HITCH - Initiates the hitch recognition feature.

Standard Mode and Menu

To reach Standard Mode (Fig. 5) for leveling:

1. Power on the OneControl Touch Panel (Fig. 6A).
2. Press the "Leveling" icon (Fig. 7A).
3. The screen will show the system menu (Fig. 5) for Standard Mode. The front jacks can be extended/retracted in Standard Mode and the rear jacks can be retracted in Standard Mode.

Fig. 6

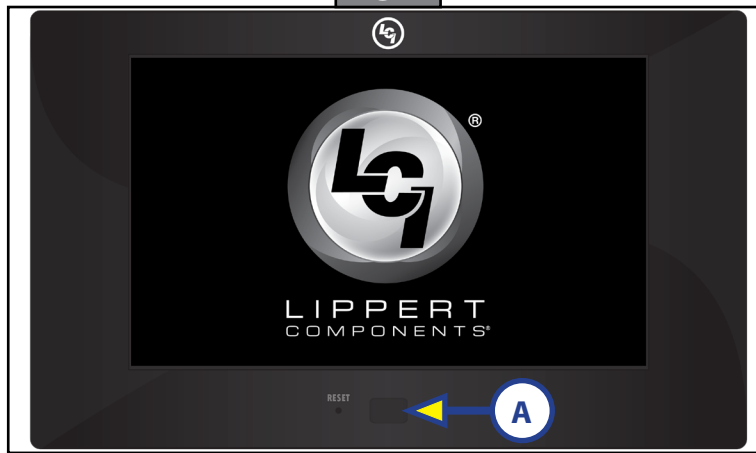
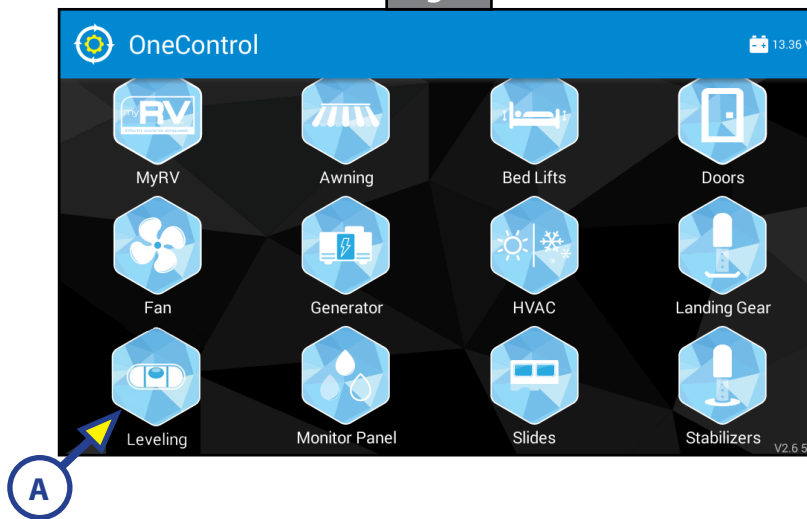


Fig. 7



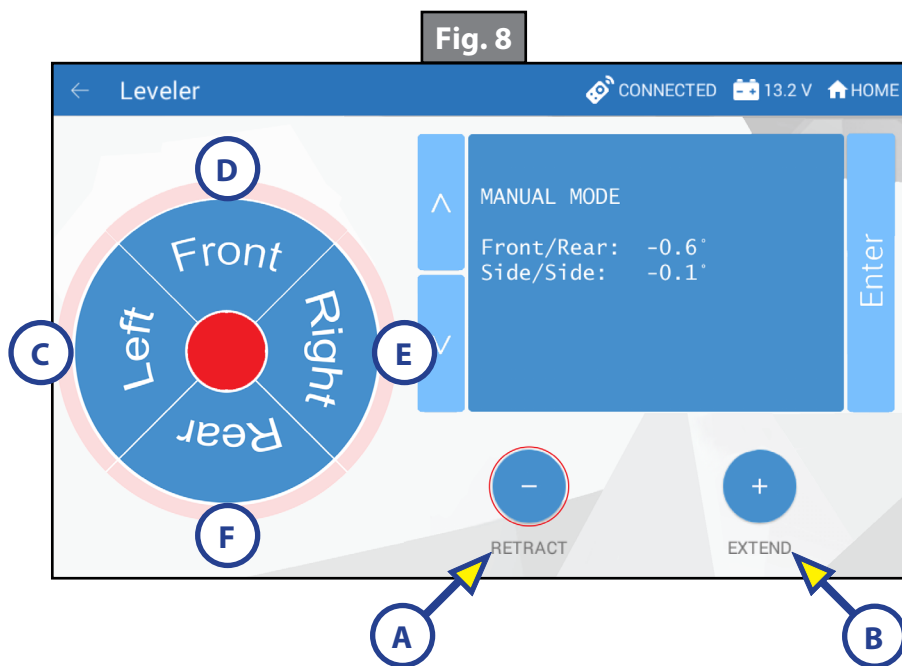
Basic Jack Operation

While in Standard Mode:

1. Press RETRACT (Fig. 5I) or EXTEND (Fig. 5J) buttons, then FRONT button to retract or extend front jacks.
2. Press RETRACT button, then the REAR button to retract rear jacks.
3. Press the AUTO LEVEL (Fig. 5L) button to start the auto-leveling sequence.
4. Press the AUTO HITCH (Fig. 5M) button to start the hitch recognition sequence to reconnect trailer to the tow vehicle.
5. Use the UP or DOWN Arrow (Fig. 5B) buttons to cycle through the menu screen options:
 - A. Info: Scroll to "Info" (Fig. 5C) then press enter (Fig. 5H) button to display system information; e.g., angle, jack stroke or software version.
 - B. Auto Retract: Scroll to Auto Retract (Fig. 5F) then press Enter button to start the automatic jack retraction sequence, to retract all jacks.
 - C. Manual Mode: Scroll to Manual Mode (Fig. 5G) then press Enter button to place the system into manual leveling mode. Jacks operate in pairs. Use RETRACT or EXTEND to operate front, right rear and left rear jacks.

NOTE: Upon entering Manual Mode, a tutorial on operating the jacks will appear on the screen. Press OK to clear the tutorial. To delete the tutorial, click the "Don't show this again" box in the bottom right of the screen.

- I. Press Retract (Fig. 8A) or EXTEND (Fig. 8B) button then press Front (Fig. 8D) button to operate front jacks.
- II. Press Extend or Retract (Fig. 8A) or EXTEND (Fig. 8B) button then press Rear (Fig. 8F) button to operate rear jacks (right rear, right mid, left rear and left mid).
- III. Press Extend or Retract (Fig. 8A) or EXTEND (Fig. 8B) button then press Right (Fig. 8E) button to operate right jacks (right mid and right rear).
- IV. Press Extend or Retract (Fig. 8A) or EXTEND (Fig. 8B) button then press Left (Fig. 8C) button to operate left jacks (left mid and left rear).



Unhitching Instructions

NOTE: Prior to unhitching from the tow vehicle, make sure trailer is parked on a level surface and chock the tires of the trailer.

1. Push touch panel Power Button (Fig. 5K) to turn system. Go to Standard Mode and Menu section for additional instructions.
2. Push EXTEND (FIG. 5J) and Front (Fig. 5A) buttons to extend front jacks and lift front of the trailer to take the weight of the trailer off of the hitch.
3. Uncouple the trailer from the tow vehicle.
4. Pull tow vehicle away and park it at a safe distance.

Auto Level

NOTE: Once the automatic leveling cycle has been started, it is important that there is no movement in the trailer until the trailer has completed the leveling process. Failure to remain still during the leveling cycle could have an effect on the performance of the leveling system.

1. After unhitching from tow vehicle, press AUTO LEVEL (Fig. 5L) button.

NOTE: Pressing Abort button during an automatic-leveling sequence will abort the auto-leveling cycle.

Auto Level Sequence

NOTE: Sequence may vary slightly based on the height of the trailer kingpin prior to leveling.

1. When the auto-leveling sequence begins, the front of the trailer will seek a position near a level state, then the trailer will level from front to back.
2. The left side jack(s) extend to ground (left mid and left rear).
3. The right side jack(s) extend to ground (right mid and right rear).
4. Jack pairs will extend as needed to level the trailer.

NOTE: Step 4 may repeat several times if the controller deems necessary.

NOTE: If the auto-leveling sequence does not perform as described above, place the system in manual mode and test that the jacks operate correctly by pushing their coordinating buttons on the touch panel; e.g., Front button operates only the front jacks, etc.

Hitch Recognition - Reconnecting to Tow Vehicle

1. Push touch panel's Power Button (Fig. 5K) to turn system on. Go to Standard Mode and Menu section for additional instructions.
2. Press AUTO HITCH (Fig. 5M) button to retract rear jacks.
3. The front of the trailer will raise to the height where the auto-leveling sequence originally started.

NOTE: If the front of the trailer was below level when the auto-leveling process was initiated, the hitch recognition feature will retract the rear jacks, but will not retract the front jacks to lower the trailer to the initial hitch height. This feature helps prevent injury and/or damage to anything underneath the trailer.

4. Connect tow vehicle and make sure trailer and hitch are connected and locked.
5. On the Standard Mode screen (Fig. 5), use the Up and Down Arrow buttons (Fig. 5B) to scroll to AUTO RETRACT (Fig. 5F).
6. Press ENTER (Fig. 5H) button. System will immediately retract all jacks.

Easy Approach System Operation

Lowering the Trailer

⚠ CAUTION

Verify that the rear jacks are fully retracted before lowering the trailer with the Easy Approach system.

⚠ CAUTION

Unhitch the trailer from the tow vehicle before raising or lowering the trailer with the Easy Approach system.

⚠ CAUTION

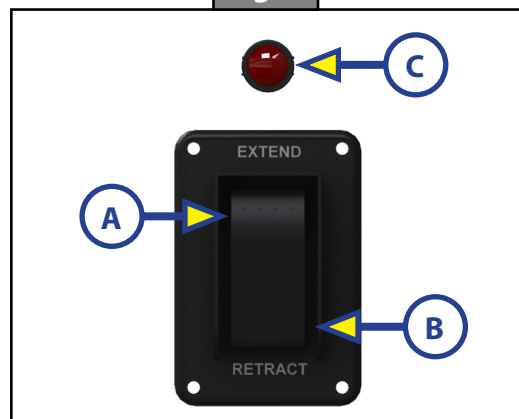
Fully raise the trailer prior to operating the leveling system.

If the trailer is unhitched from the tow vehicle and the rear jacks are retracted, the trailer can be lowered using the Easy Approach system.

NOTE: The landing gear does not need to be retracted to lower the trailer.

1. Press and hold the RETRACT side (Fig. 9B) of the rocker switch. This will lower the axles on the sub-frame, lowering the trailer for loading and unloading. The LED light (Fig. 9C) above the rocker switch will stay lit and an audible alarm will sound while the Easy Approach system is operational.
2. Continue to lower the trailer until axle motion has stopped. When the trailer is fully lowered, there will be a gap between the bottom of the trailer and the ground.

Fig. 9



Raising the Trailer

⚠ CAUTION

Do not travel until the trailer has been raised to the maximum height and the warning LED light is off.

If the trailer is unhitched from the tow vehicle and the rear jacks are retracted, the trailer can be raised using the Easy Approach system.

1. Press and hold the EXTEND side (Fig. 9A) on the rocker switch to raise the axles of the sub-frame chassis, which raises the trailer to the maximum height. The LED light (Fig. 9C) above the rocker switch will remain lit and an audible alarm will sound until the trailer is in drive-ready position.
2. The trailer can now be hitched to the tow vehicle using the LCD or AUTO LEVELING CONTROL touchpad hitch recognition procedure described in the LCD Touchpad or Auto Leveling Control/Hitch Recognition - Reconnecting to Tow Vehicle section or the OneControl procedure.

Maintenance

1. Check the hydraulic fluid reservoir every 12 months. If fluid is a clear red color, do not change. If fluid is milky, pink and murky and not clear red in color, drain reservoir and add new fluid. Hydraulic fluid in reservoir should be changed a minimum of every five years.

NOTE: Check the fluid only when all the cylinders are fully retracted.

NOTE: When checking the hydraulic fluid level, fill to within $\frac{1}{4}$ " to $\frac{1}{2}$ " of fill spout.

2. Inspect and clean all power unit electrical connections every 12 months. If corrosion is evident, spray electrical connections with a small amount of lubricant to clean corrosion from contacts.
3. Contacts must be cleaned with a non-residue cleaner prior to use. LCI recommends use of an electrical contact cleaner spray and lint-free wipes.
4. Remove dirt and road debris from cylinders as needed.

Preventive Maintenance (Jacks)

1. Remove dirt and road debris from leveling jacks and landing gear and stabilizer struts (if equipped) as needed.
2. If jacks are down for extended periods, it is recommended to spray exposed jack tubes with a spray lubricant every three months for protection. If the trailer is located in a salty environment, it is recommended to spray the jack tubes every month.

Fluid Recommendation

Automatic transmission fluid (ATF) with Dexron® III or Mercon® V is recommended by Lippert Components, Inc. (Note: Dexron and Mercon can be safely combined in the reservoir.) For a list of approved fluid specifications, see TI-188. To obtain this Technical Information sheet on-line, go to: <https://www.lci1.com/chassis/support-hydraulic-lowering-systems/> then click on the Technical Information Sheets button.

NOTE: In colder temperatures (less than 10° F) the cylinders may extend and retract slowly due to the fluid's molecular nature. For cold weather operation, fluid specially formulated for low temperatures may be desirable.

Troubleshooting

Manual Override

The LCI Level-Up® LCD 5th Wheel Leveling and Easy Approach systems can be manually operated with an electric drill. In the event of electrical or system failure, this manual override method of extending and retracting the jacks or raising and lower the trailer using Easy Approach can be used.

NOTE: Leveling jacks must be fully retracted prior to manual override of the Easy Approach System.

NOTE: LCI does not recommend manually extending (raising) the trailer using the Easy Approach system while it is loaded.

NOTE: Do not use an impact gun to perform any of the override procedures as this may damage the motor.

NOTE: Disconnect the power unit motor from the power source prior to attempting the manual override procedure.

1. Locate the valves that are paired with the system to be manually overridden.

A. Landing Gear - Valve located on the lead landing gear (Fig. 10A).

B. Leveling Jacks - Valves RS and CS are located on manifold (Fig. 11A).

Fig. 10

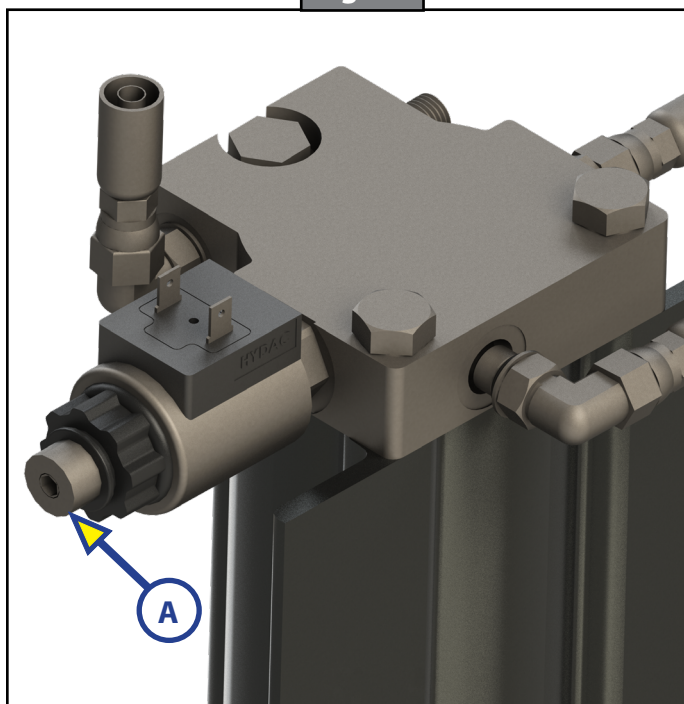
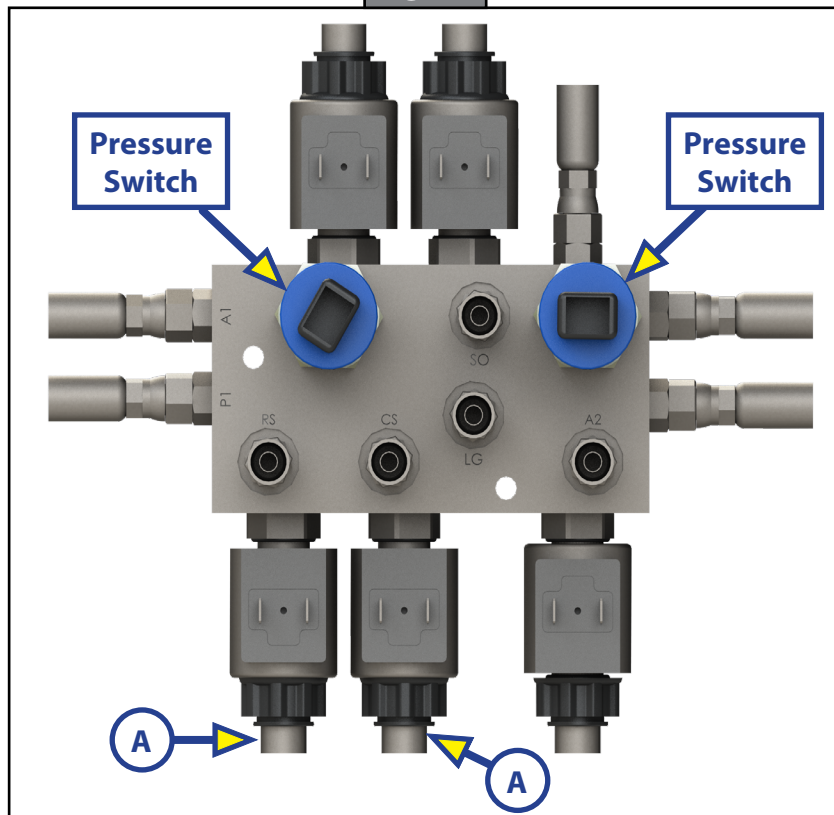


Fig. 11



C. Easy Approach - System valves A1 and A2 are located on the manifold (Fig. 12A).

2. Using a $\frac{5}{32}$ " hex wrench, open the desired valve(s) by turning the manual override set screw clockwise (Fig. 13A).

Fig. 12

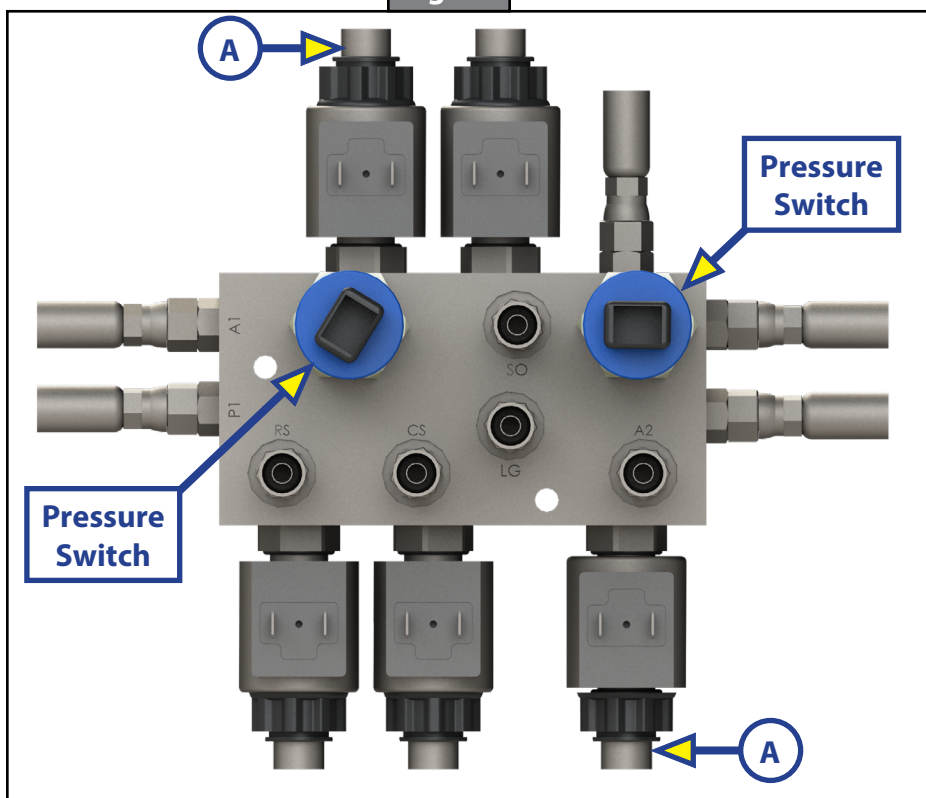
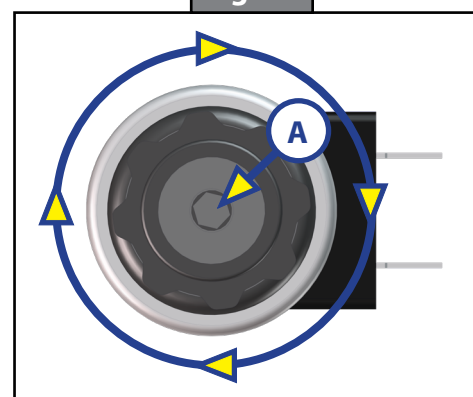
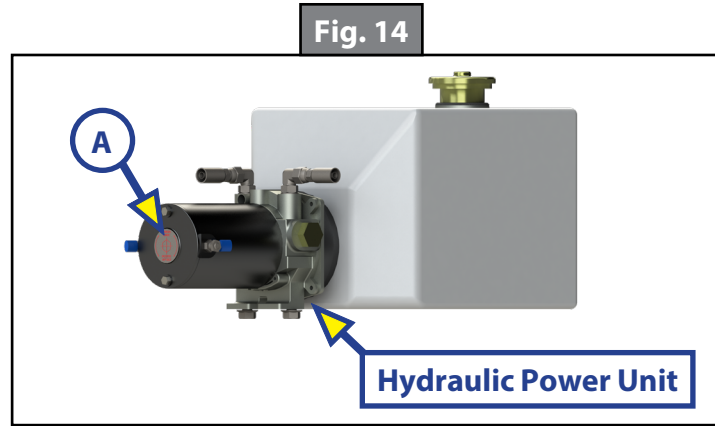


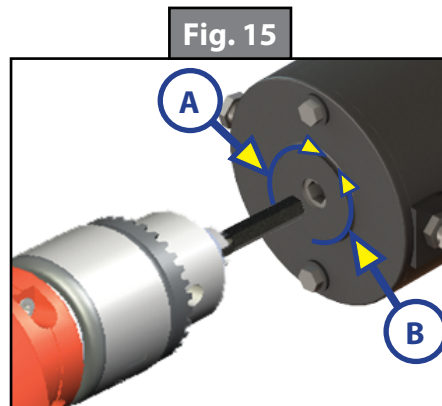
Fig. 13



3. Remove the protective label (Fig. 14A) located on the front end of the hydraulic power unit to reveal the manual override coupler.



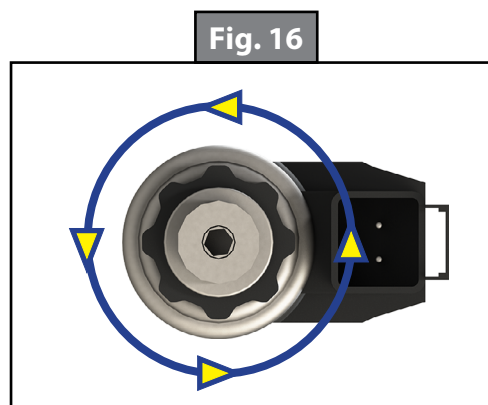
4. Using an electric drill with a 1/4" hex bit, insert the hex bit into the manual override coupler (Fig. 15) to manually operate the system.
- A. For jacks:
- Run the drill forward (clockwise) (Fig. 15A) to retract the jacks.
 - Run the drill in reverse (counterclockwise) (Fig. 15B) to extend the jacks.



⚠ CAUTION

Jacks need to be in the retracted position before attempting to extend/raise or retract/lower the Easy Approach system.

- B. For Easy Approach:
- Run the drill forward (clockwise) (Fig. 15A) to retract/lower the trailer.
 - Run the drill in reverse (counterclockwise) (Fig. 15B) to extend/raise the trailer.
5. Make sure to turn the manual override set screw on the valve(s) back to the counterclockwise position (Fig. 16) after the manual override procedure is complete.



Hydraulic System Leak

In the event of a hydraulic system leak, a lock-out rod can be installed to replace the faulty cylinder. This will keep the Easy Approach system from creeping downward during travel.

NOTE: Some components have been removed for clarity.

⚠ WARNING

Always lift the trailer by its frame and never by its axle or suspension. Axle and suspension components are not designed, or rated, for the dead weight, point-of-contact loads that the trailer's frame is. Do not go under the trailer unless it is supported by appropriately rated jack stands. Improperly supported trailers can collapse, causing possible serious personal injury or death.

⚠ WARNING

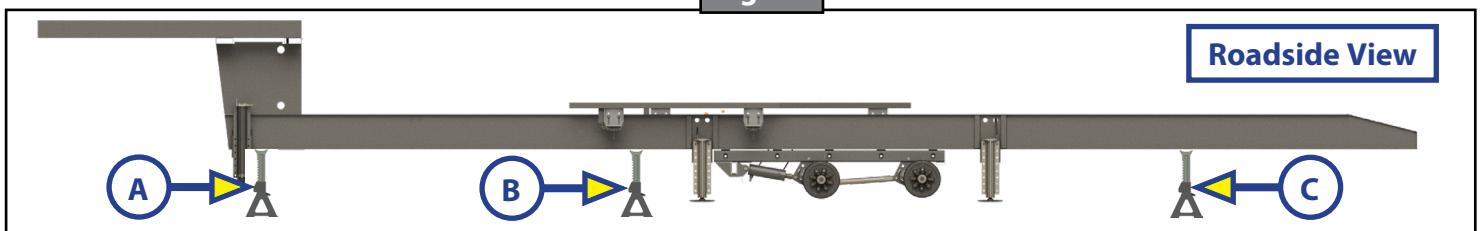
Wear appropriate personal protective equipment (PPE) when performing service or maintenance operations. Always wear eye protection when servicing trailer axles, brakes, hubs, springs and wheels. Not using PPE may result in serious personal injury or death.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

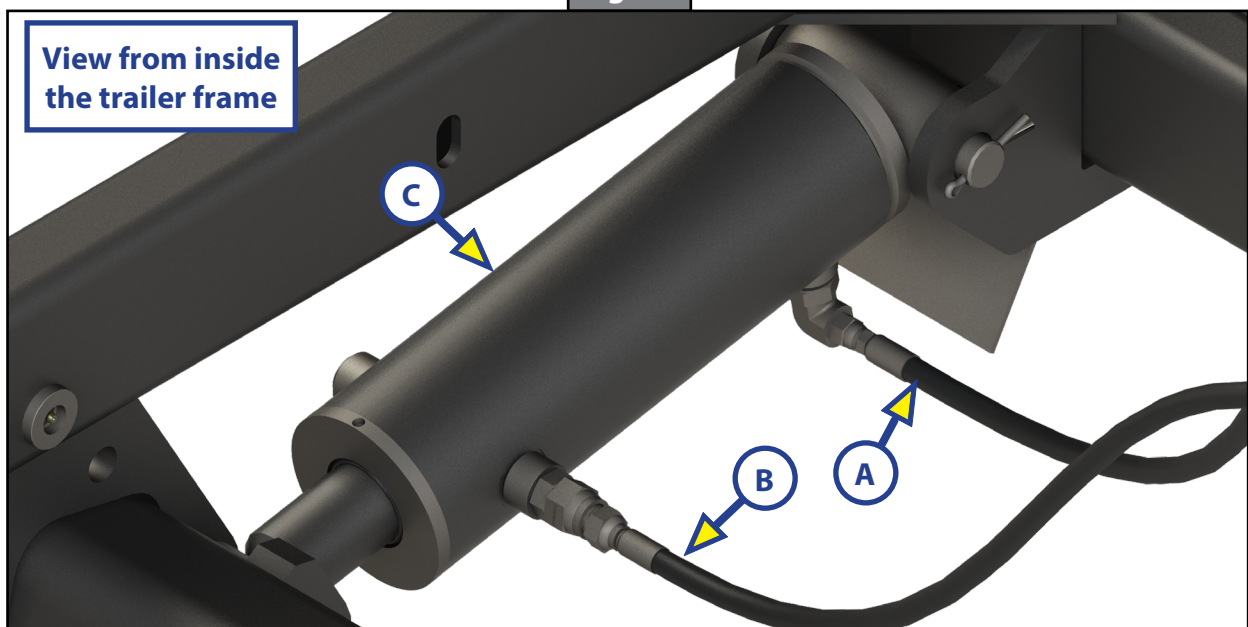
1. Lift the frame to get the tires barely off the ground, then position jack stands roadside and curbside at the front (Fig. 17A), center (Fig. 17B) and rear (Fig. 17C) of the trailer.

Fig. 17

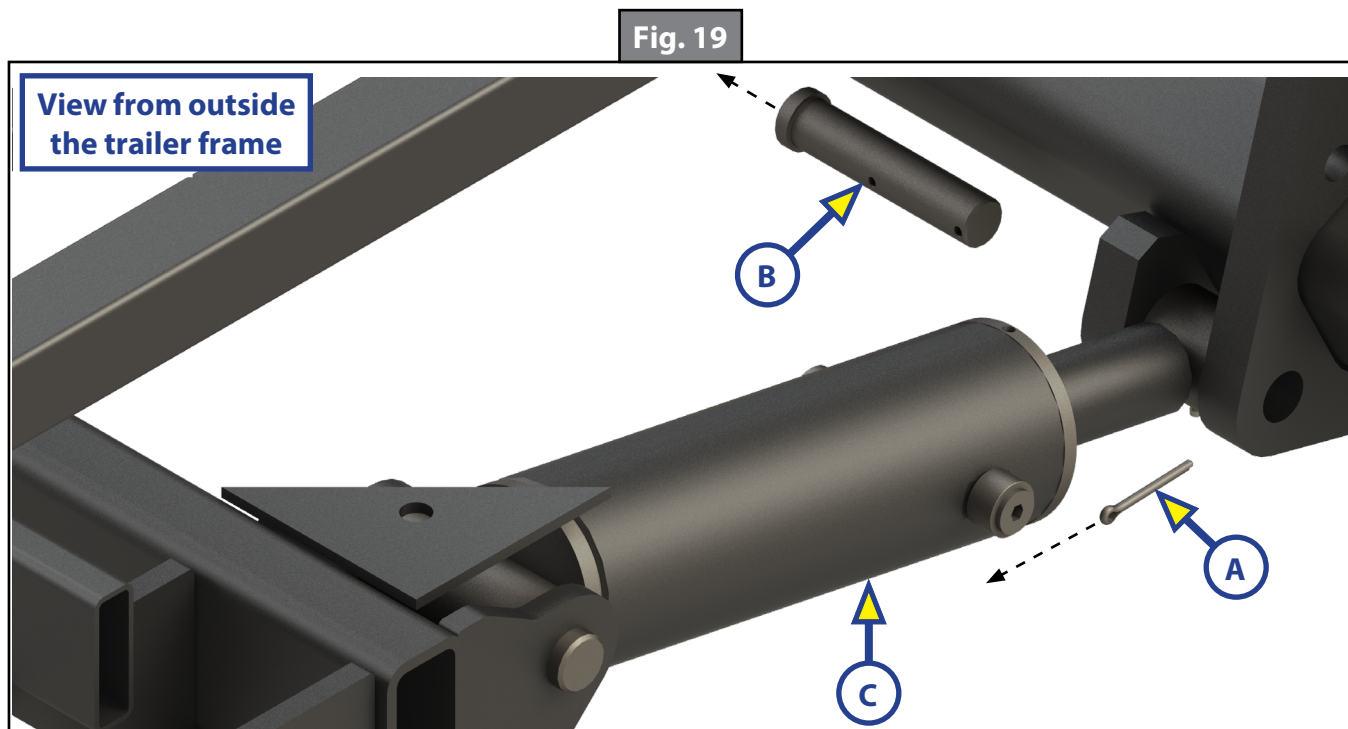


2. Lower the trailer frame to rest on the jack stands, making sure the tires are slightly off the ground. This places the hydraulic cylinder into travel mode and ready to accept the lock-out rod.
3. Disconnect the cylinder retract (Fig. 18A) and cylinder extend (Fig. 18B) hydraulic hoses from the cylinder (Fig. 18C). Secure the hoses to the frame so they do not get damaged.

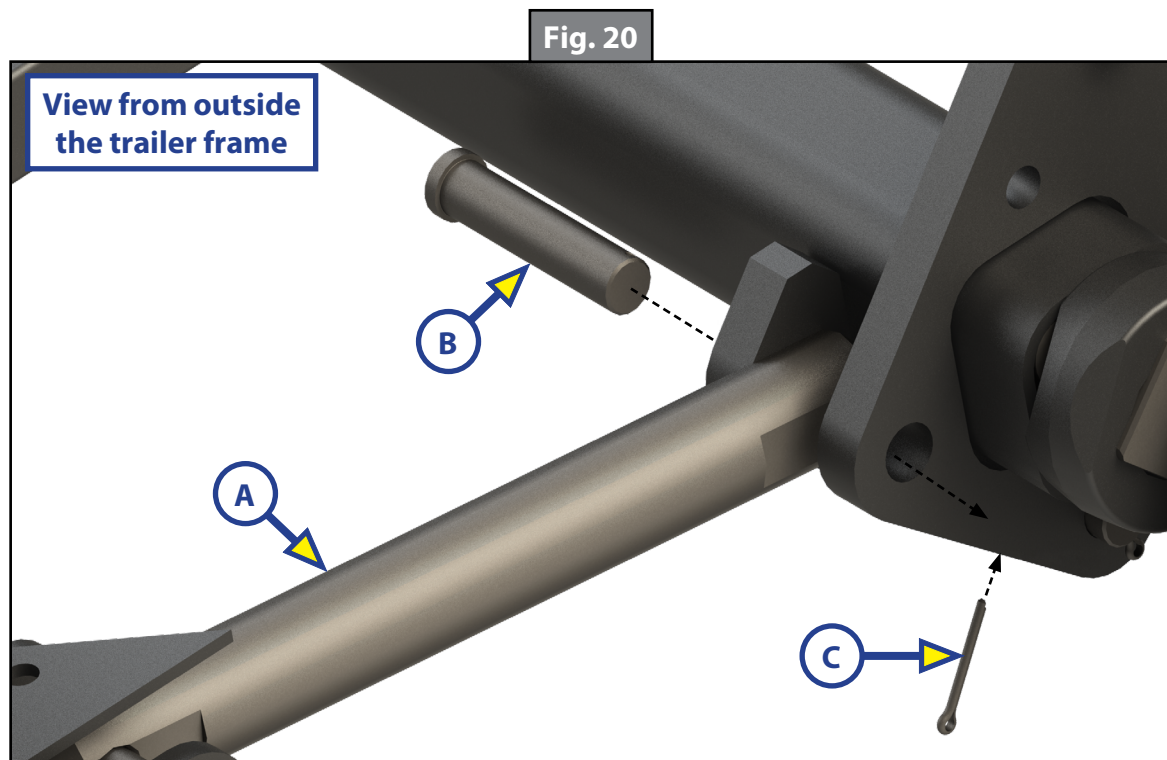
Fig. 18



4. Remove the cotter pin (Fig. 19A) securing the clevis pin (Fig. 19B), then slide the clevis pin out of the axle assembly bracket and cylinder.



5. Repeat step 4 for the other end of the cylinder.
6. Place one end of the lock-out rod (Fig. 20A) into axle assembly bracket. Slide the clevis pin (Fig. 20B) through the bracket and lock-out rod, then secure the clevis pin with a cotter pin (Fig. 20C).



7. Repeat step 6 for the other end of the lock-out rod.
8. Slightly raise the trailer, remove the jack stands and lower the wheels to the ground.
9. The trailer is now ready for travel.

LCD Touchpad Error Codes

To clear an error from the touchpad, repair or otherwise correct the issue, press ENTER. If the error is still present, the message will be displayed again.

WARNING

Make sure the trailer is supported at both the front and rear with jack stands before performing any troubleshooting or service to the trailer. Failure to do so may result in death or personal injury.

NOTE: Do not lift the trailer by the axles. The axles were not designed as a viable lift-point.

Error Codes		
Screen Message	What Is Happening?	What Should Be Done?
Excess Angle	Controller not properly secured.	Check and secure controller placement.
	Excessive angle reached during auto operation.	Relocate the trailer.
Excessive Angle	Controller not properly secured.	Check and secure controller placement.
	Excessive angle reached during manual operation.	Relocate the trailer.
Feature Disabled	Front of trailer below level when starting auto level process but only when initiating Hitch Recognition.	Push the FRONT button to raise the trailer up to hitch height and connect to tow vehicle.
	Touch pad power not cycled between Consecutive leveling operations.	Turn touchpad off and then back on to reset the system.
	Zero Point not set.	Set Zero Point.
Low Voltage	Battery dropped below 9.5V.	Check wiring - repair or replace.
		Test battery voltage under load - charge or replace.
Out of Stroke	Jack has reached maximum stroke length and is unable to lift.	Check disposition of jacks or relocate trailer.
External Sensor	Bad connection or wiring from the controller to the rear sensor.	Replace or repair connection to rear remote sensor.
Jack Time Out	Time limit exceeded for the requested auto operation.	Check disposition of jacks.
Auto Level Fail	Unable to auto level due to uneven ground.	Check disposition of jacks and/or relocate the trailer.
	Unable to auto level due to Zero Point being set incorrectly.	Reset Zero Point.
Bad Calibration	Sensor calibration values are out of range.	Replace controller.
Internal Sensor	Internal sensor problem.	Replace controller.
PANIC STOP Function Aborted	The user pressed a button on the touchpad during an automatic operation.	Restart automatic operation and then refrain from pressing any buttons on the touchpad.

NOTE: Information about setting the trailer zero point is available on the LCI Customer Service site. See [TI-208](https://www.lci1.com/assets/content/support/technical-information-sheets/Leveling%20and%20Stabilization/CCD_0002110.pdf). To obtain this Technical Information sheet online, go to https://www.lci1.com/assets/content/support/technical-information-sheets/Leveling%20and%20Stabilization/CCD_0002110.pdf

OneControl Touch Panel Error Codes

NOTE: Faults can only be cleared via the OneControl Panel. The only exception is when the Auto Leveling Control Touchpad (Fig. 10) was used to abort an auto-sequence. In this case the fault can be cleared by pressing any Auto Leveling Control button.

OneControl Touch Panel Error Codes		
LCD Screen Message	What Is Happening?	What Should Be Done?
Excess Angle	Unsecured controller.	Check and secure controller placement.
	Uneven or sloped site.	Relocate the trailer.
Excessive Angle	Controller not properly secured.	Check and secure controller placement.
	Excessive angle reached during manual operation.	Relocate the trailer.
Bad Calibration	Trailer Zero Point was not set correctly.	Reset Zero Point.
Feature Disabled	Zero point not set.	Set Zero Point.
Low Voltage	Bad connection or wiring. Discharged or bad battery.	Check wiring - repair or replace.
		Test battery voltage under load - charge or replace.
Out of Stroke	Unsecured controller. Uneven or sloped site.	Check and secure controller placement. Relocate the trailer.
External Sensor	Bad connection or wiring.	Replace or repair connection to rear remote sensor.
Jack Time Out	System could not level in expected time.	Check for obstructions, leaks, fluid level and voltage to power unit motor under load.
Auto Level Fail	Unsecured controller. Voltage drop.	Check and secure controller placement. Test battery voltage under load - charge or replace.
Function Aborted	User has aborted an automatic sequence.	Restart the sequence.

NOTE: Information about setting the trailer zero point is available on the LCI Customer Service site. See [TI-208](https://www.lci1.com/assets/content/support/technical-information-sheets/Leveling%20and%20Stabilization/CCD_0002110.pdf). To obtain this Technical Information sheet online, go to https://www.lci1.com/assets/content/support/technical-information-sheets/Leveling%20and%20Stabilization/CCD_0002110.pdf

Hydraulic Plumbing Diagram (Extend Jacks/Slide-outs)

Fig. 21

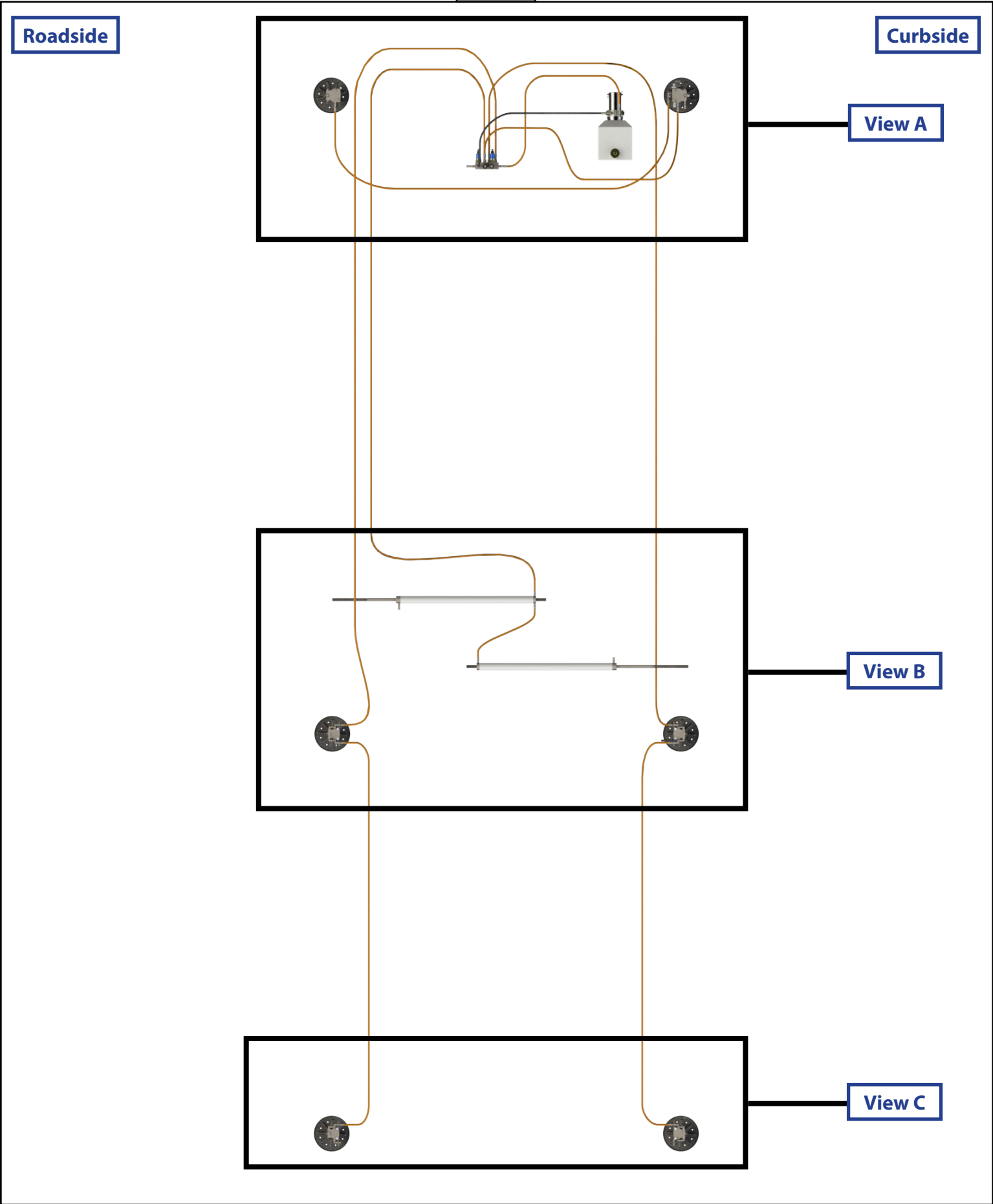


Fig. 21 - View A

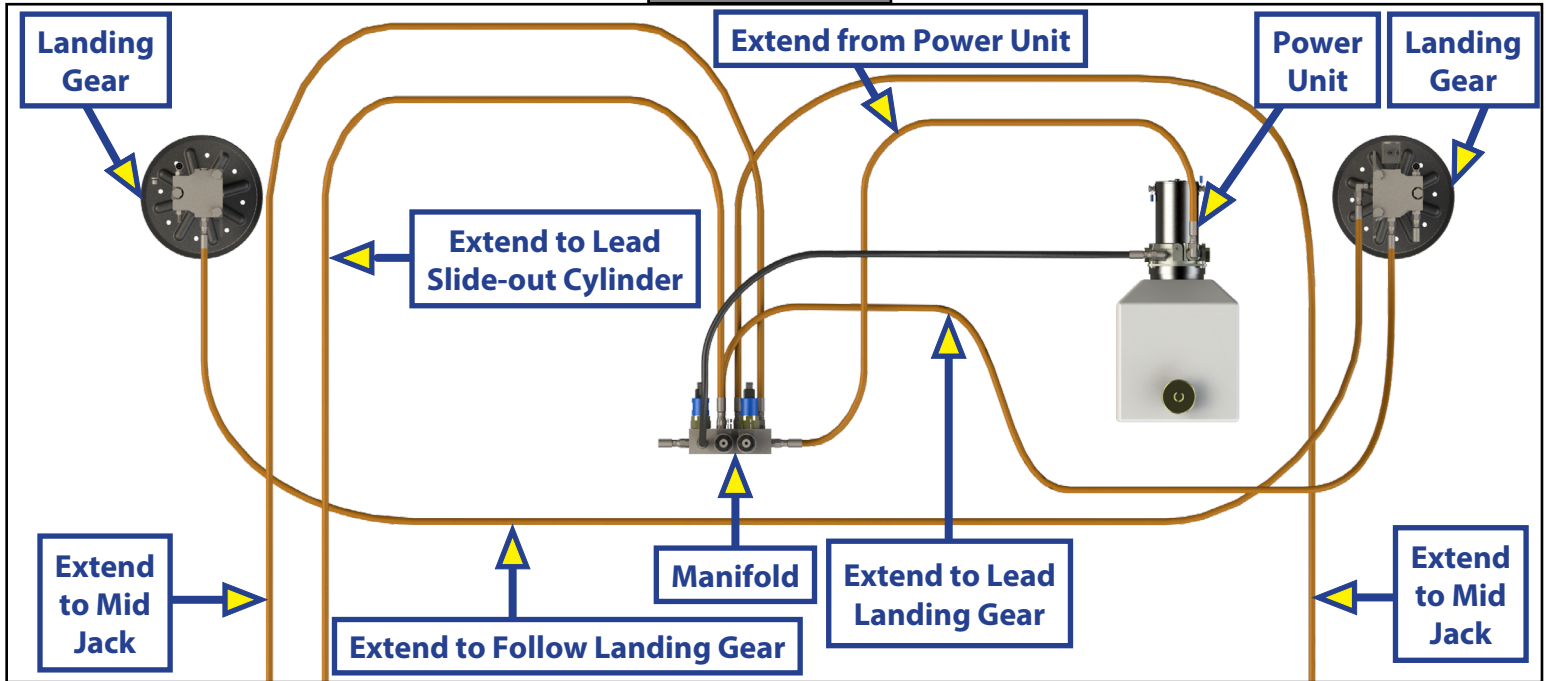


Fig. 21 - View B

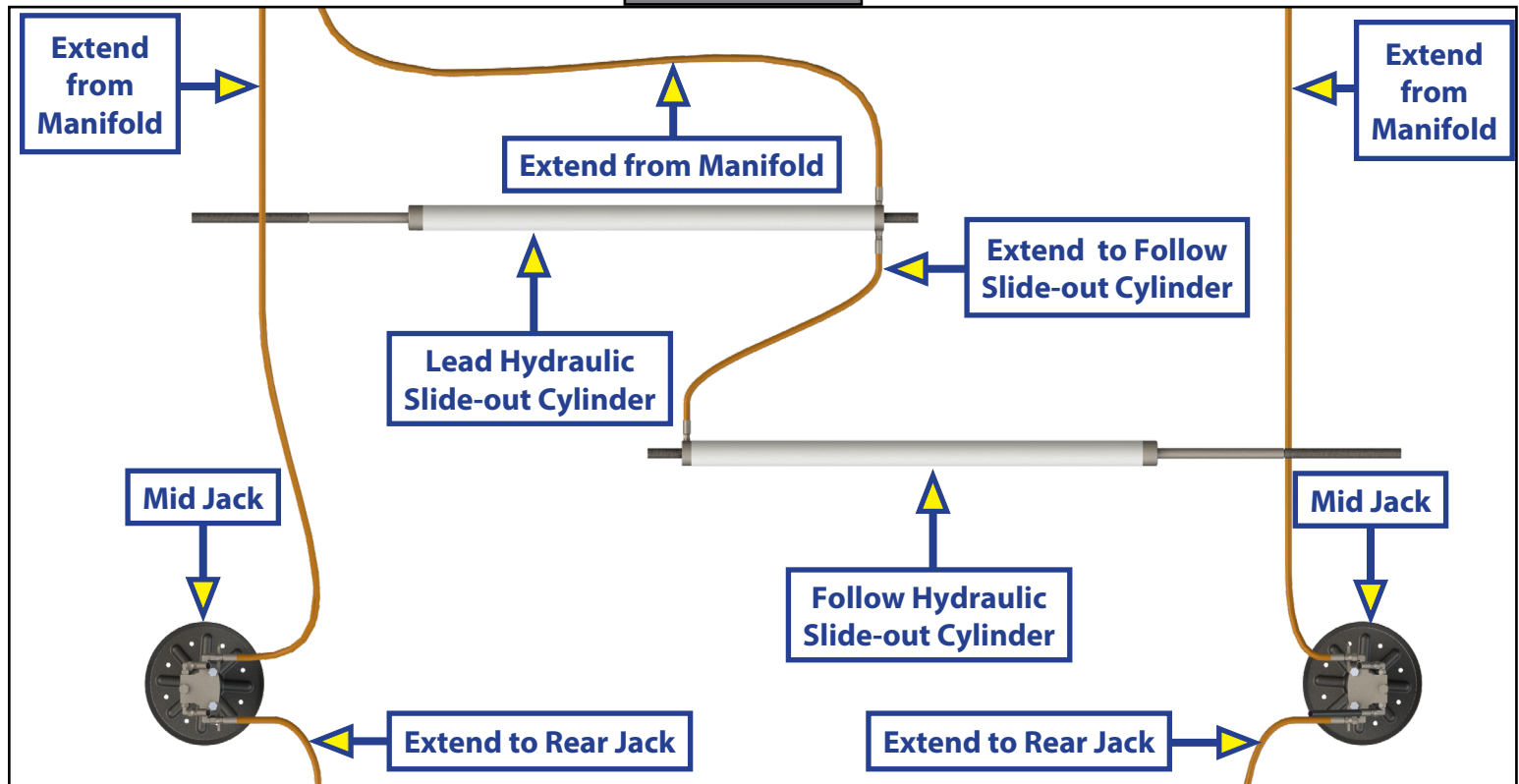
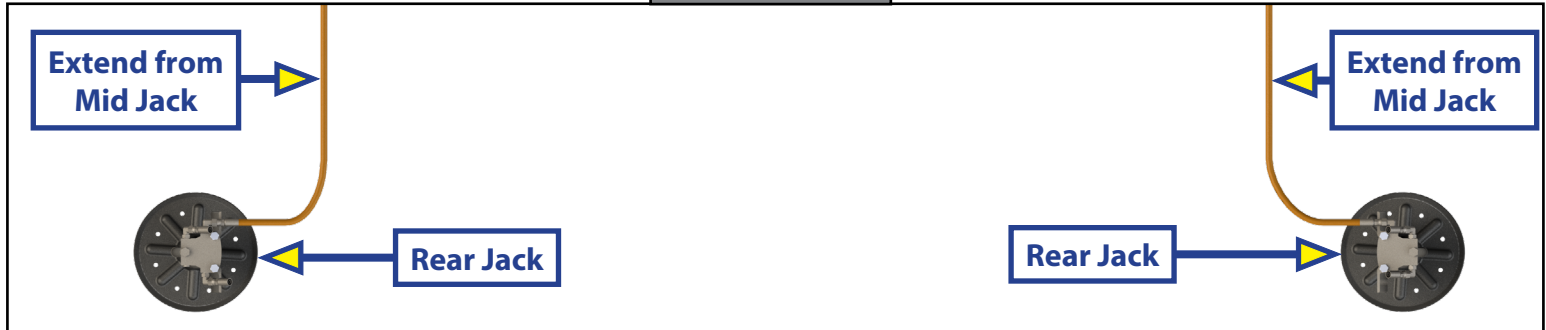


Fig. 21 - View C



Hydraulic Plumbing Diagram (Retract Jacks/Slide-outs)

Fig. 22

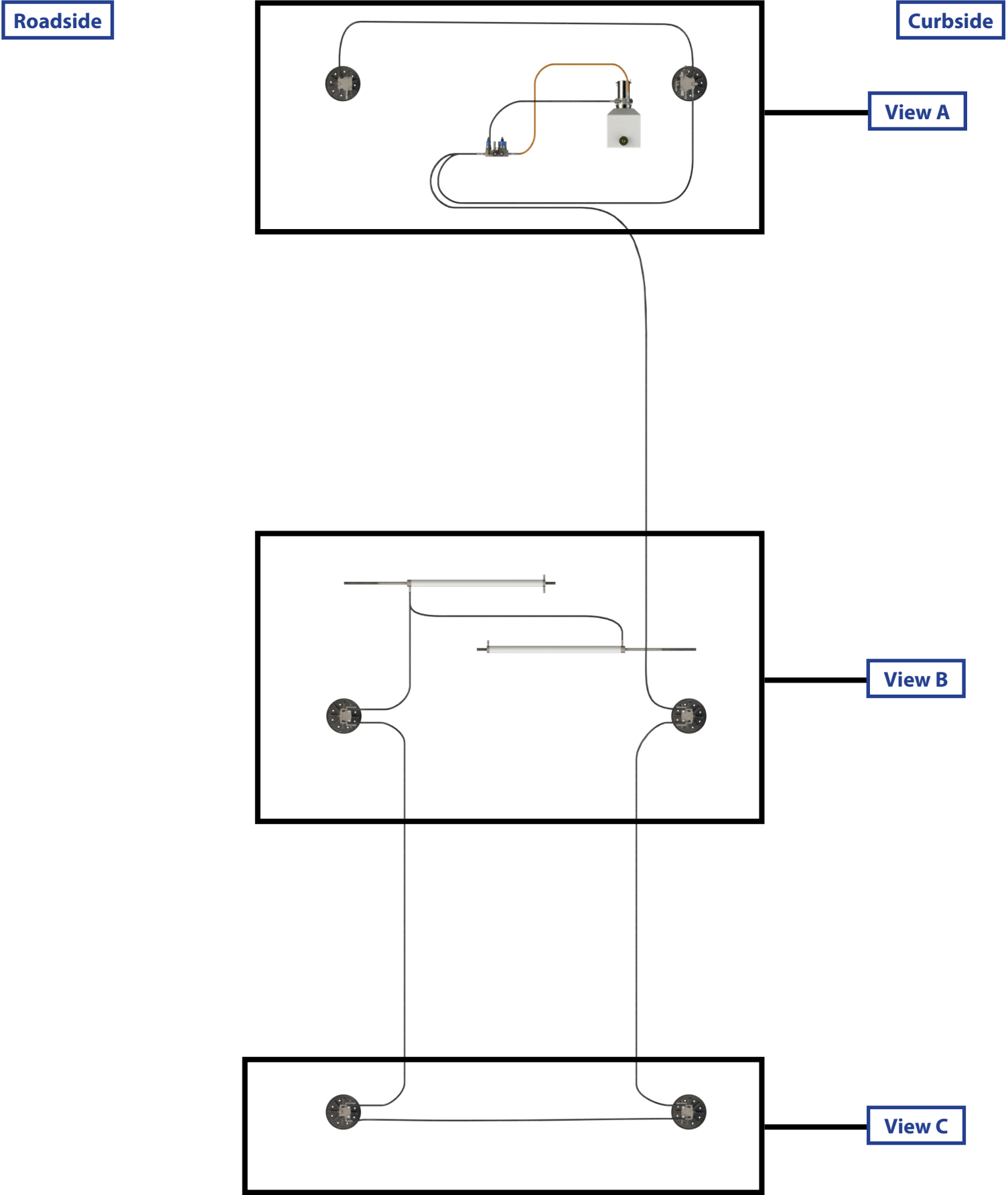


Fig. 22 - View A

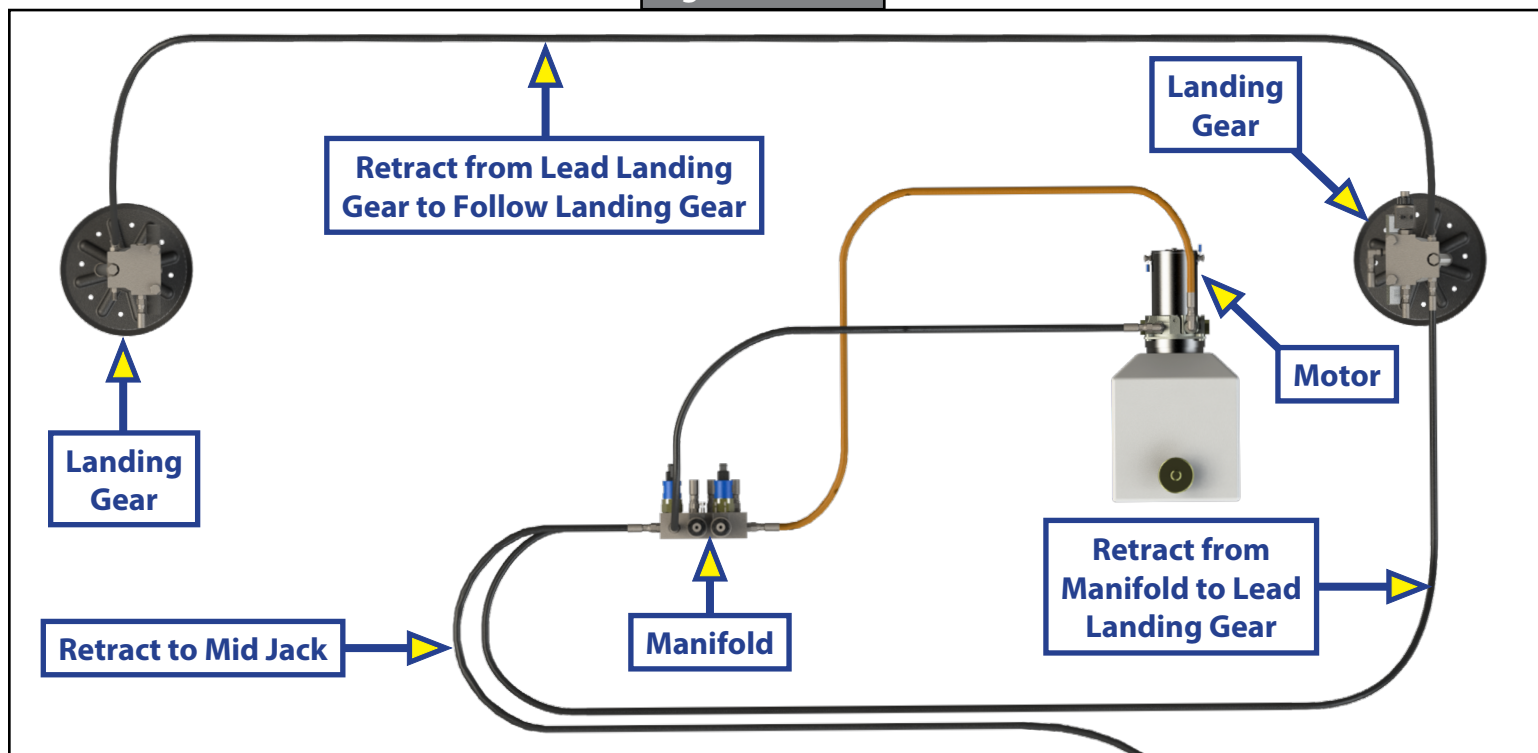


Fig. 22 - View B

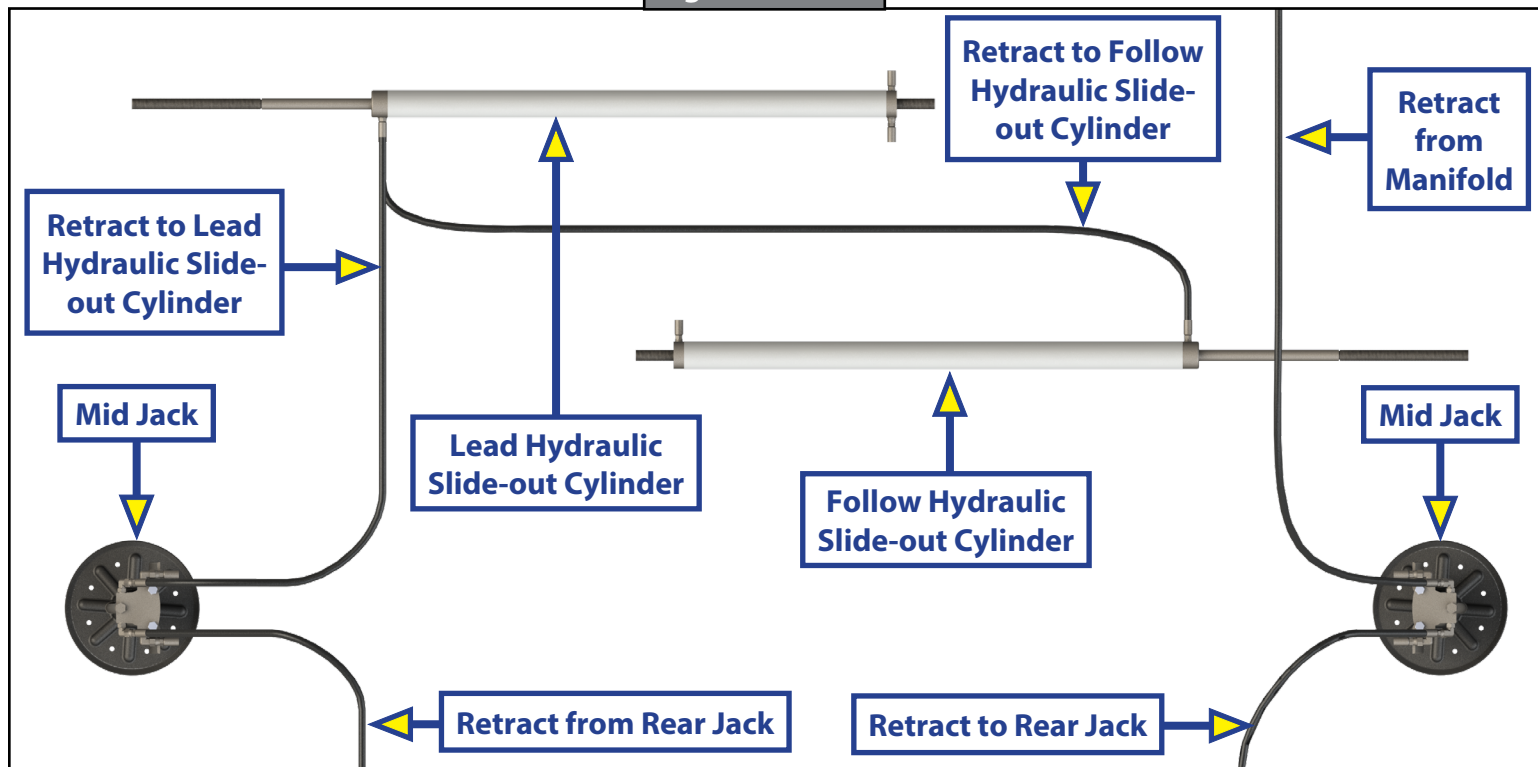
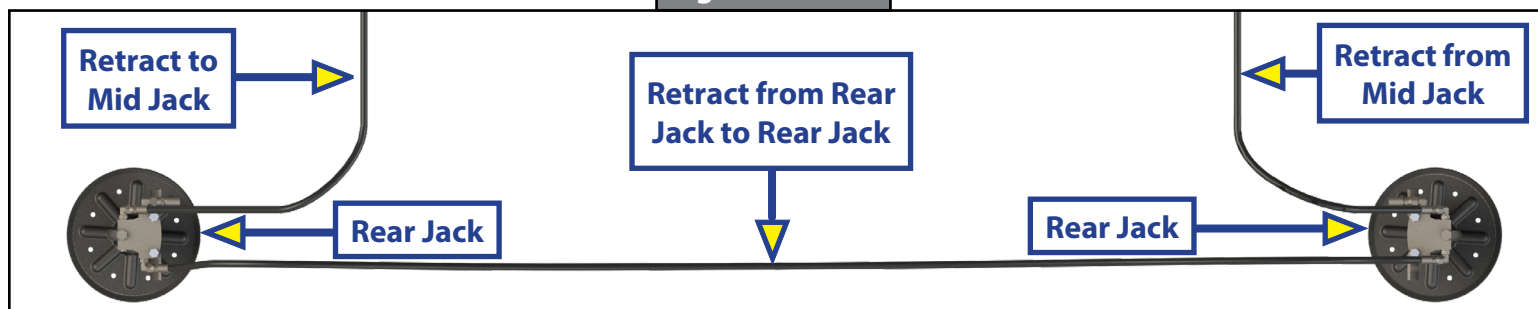


Fig. 22 - View C



Hydraulic Plumbing Diagram (Easy Approach System)

Fig. 23

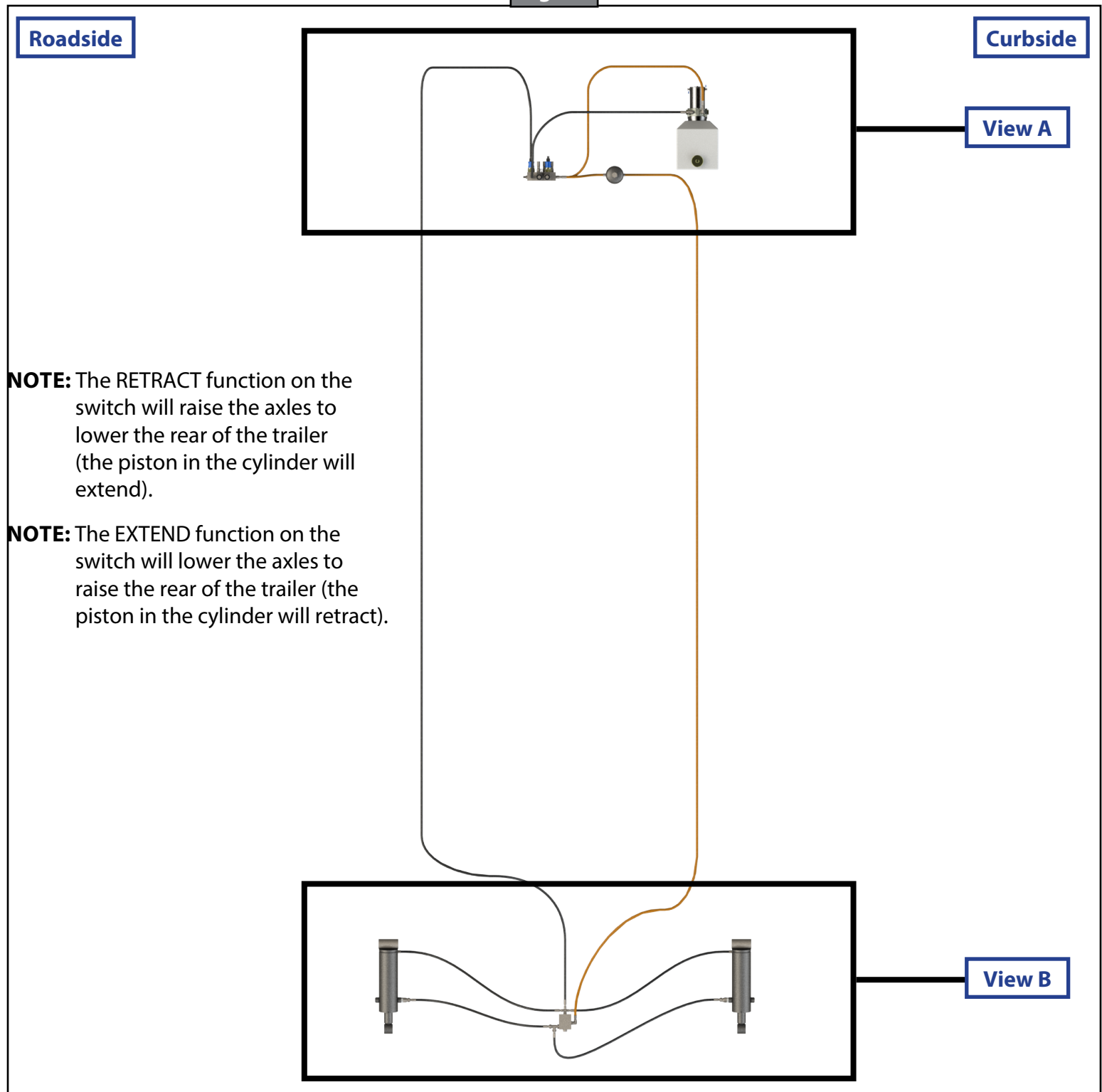


Fig. 23 - View A

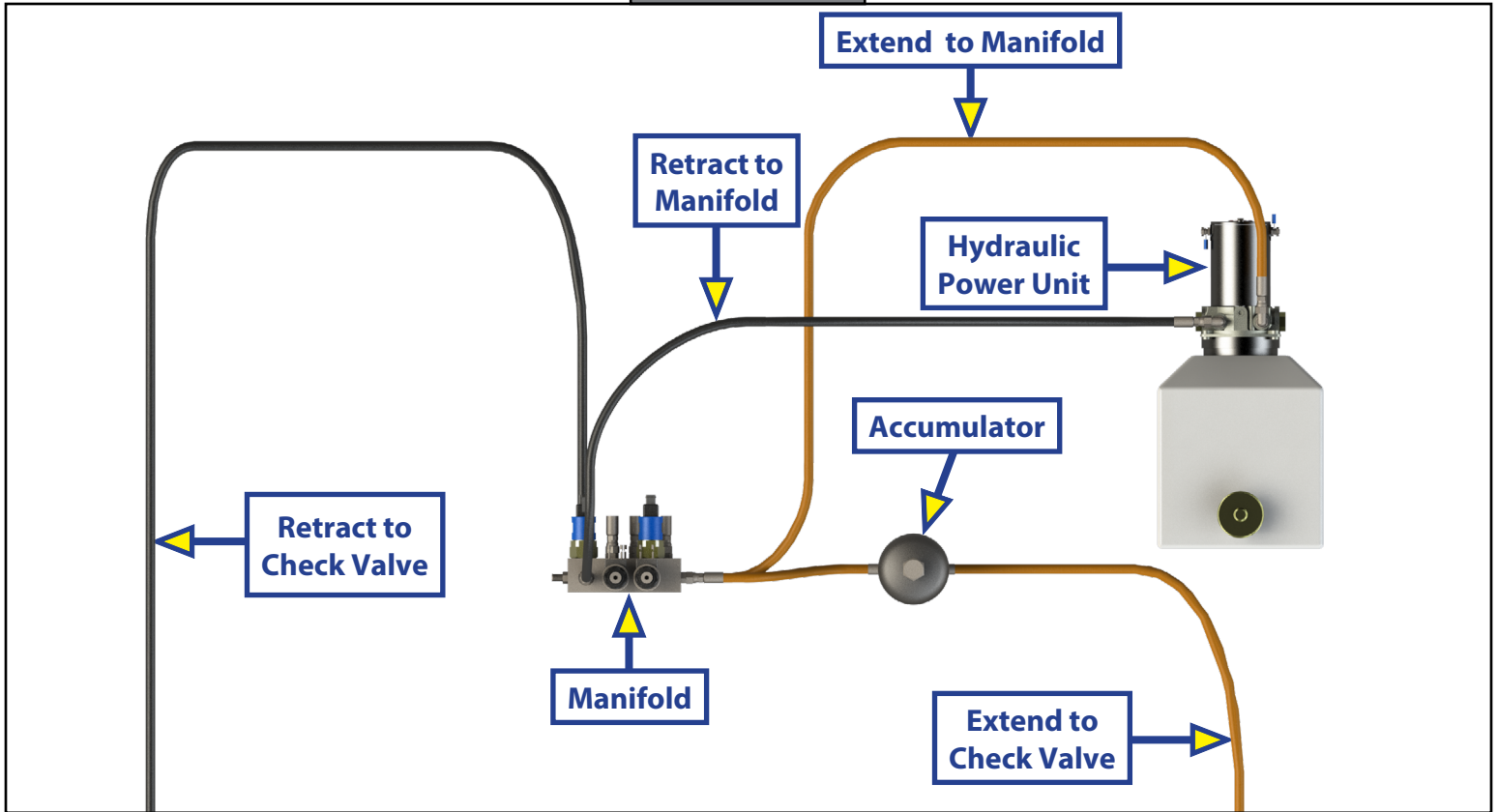
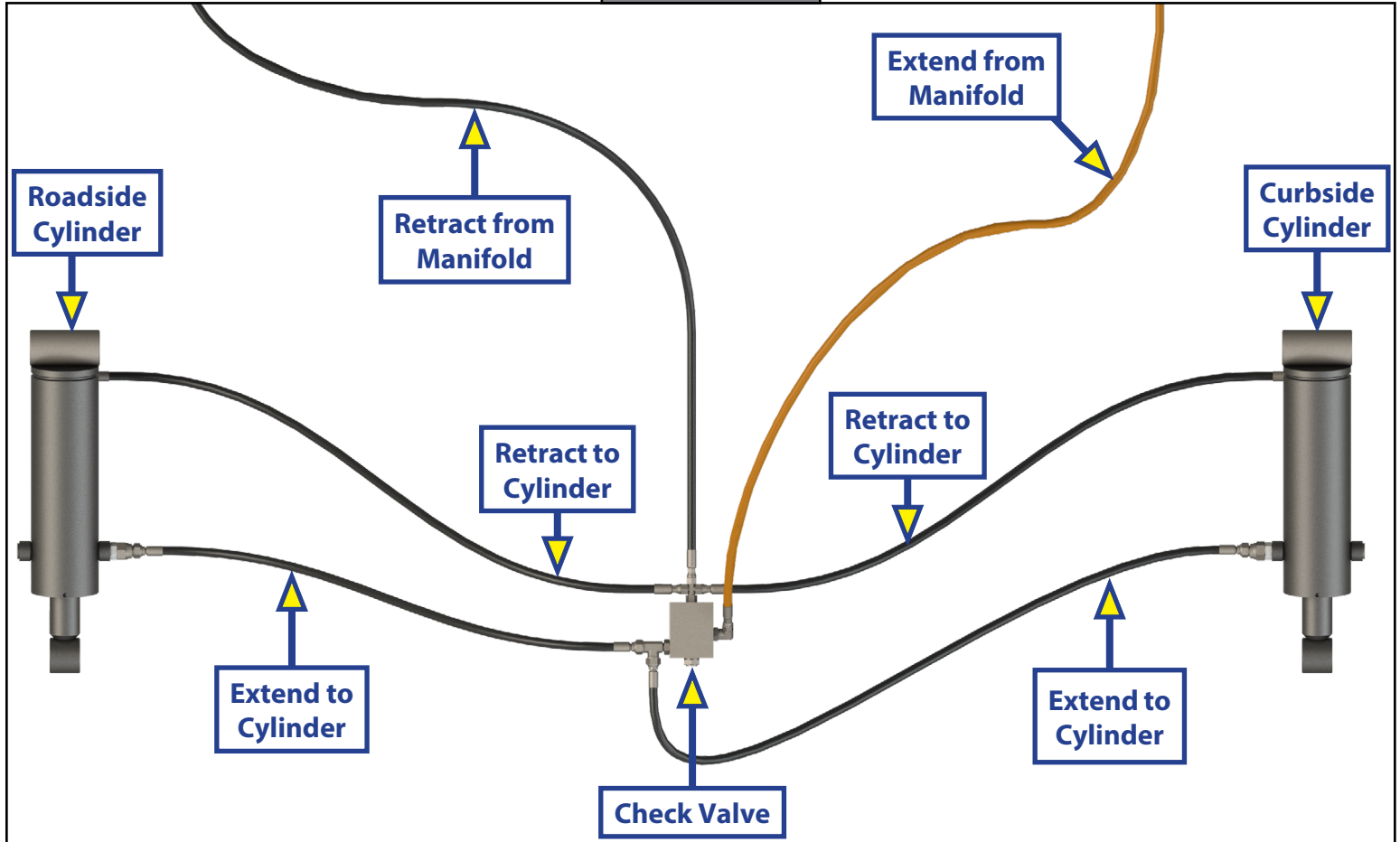
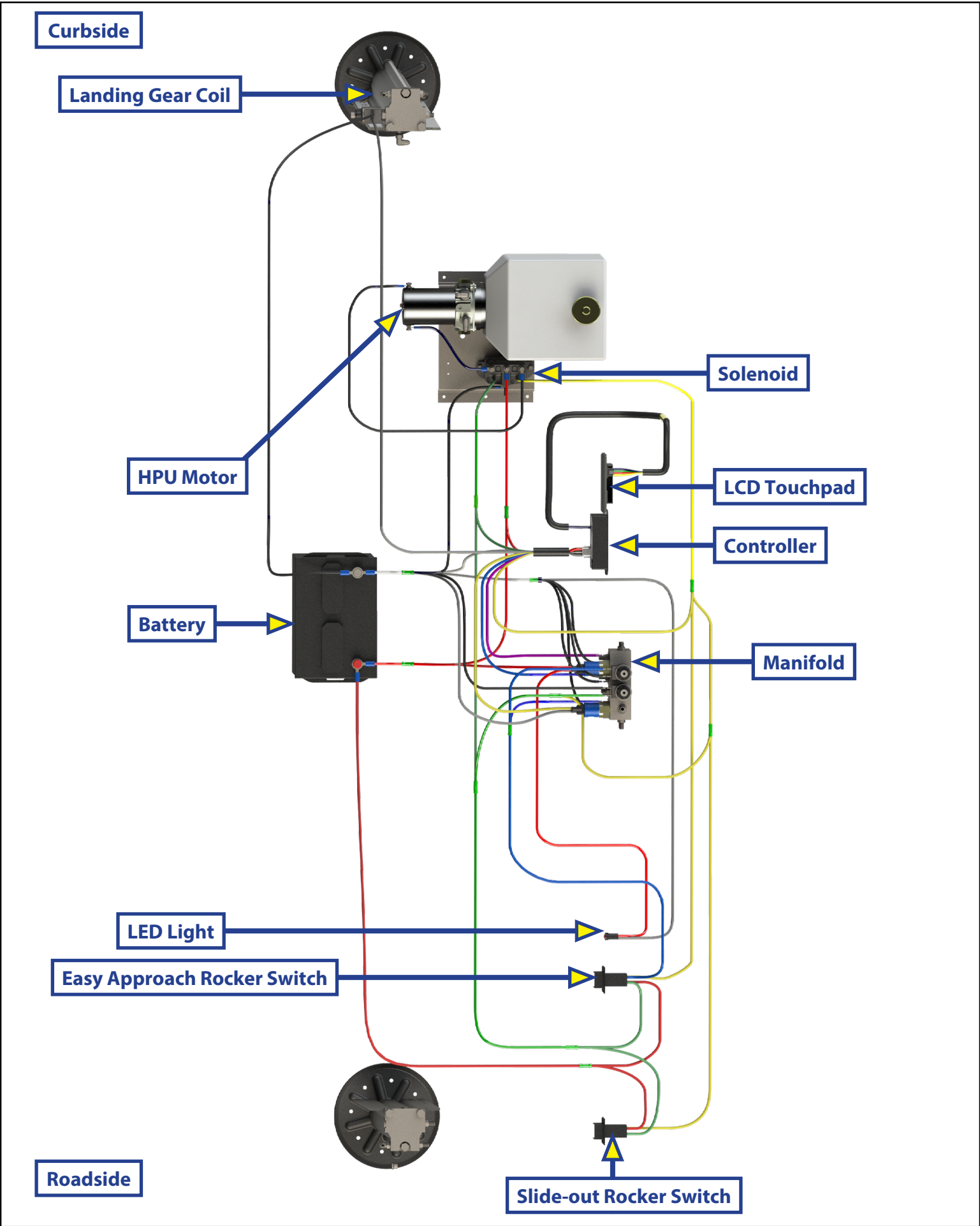


Fig. 23 - View B



Electrical Wiring Diagram





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