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**Kwikie Step Adapter (Pair)**  
**(Included in “Plus” kit or sold separately)**

This adapter is used to manually extend or retract Kwikie Steps.  
How does it connect?

Utilizing the Kwikie Step Adapter that fits your model, connect the white side of the adapter to either M1 or M2 on the CODDIWOMPLE, and connect the black side of the adapter to the motor for the Kwikie Step system.

Functions:

- When connected properly, use the UP/DOWN arrows on the CODDIWOMPLE that correspond with the port you connected the adapter to.

**\*UP/DOWN will extend or retract dependent upon which port you connect the adapter to on the CODDIWOMPLE (M1/M2). Test both directions to determine the functional direction\***



□ **Schwintek/Slim Rack At-Controller Adapter 6" (pair)**

This adapter is used to extend and retract Schwintek as well as Slim Rack Slide-Rooms.

How does it connect?

To connect the motors to the CODDIWOMPLE, disconnect the motor-to-controller harnesses from the controller and plug them into the CODDIWOMPLE Schwintek/Slim Rack At-Controller Adapter. Then plug the other end of the Schwintek/Slim Rack At-Controller Adapter into the M1 and M2 ports of CODDIWOMPLE.

**\*Keep slide even and square with sidewall while extending or retracting. Use caution as the slide can be over extended causing damage\***

What will be displayed?

- The display will show the combined amperage between both M1 and M2

Functions:

- Manually extend or retract slide to check for any electrical and mechanical failures

Tips:

- If the amperage draw rests at LRA (Lock Rotor Amps, approximately 26 amps), then we have a mechanical bind of some kind.
- If the breaker on the CODDIWOMPLE trips while attempting to extend or retract the slide, this indicates an electrical short.
- If there is a zero amperage draw while attempting to extend or retract the slide, this indicates an open electrical circuit.

**\*If the room moves while using the CODDIWOMPLE, this does not mean that the motors are good. But rather, the windings may be functional while the hall sensor is not\***



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### LCI Level-Up 6 Point Bidirectional and Unidirectional Pump Harness

This harness is best used to identify the amperage draw of each cartridge valve as well as the amperage draw of the unidirectional solenoid and each side of dual polarity solenoid. This will fit travel trailers with 6-Point Lippert Level-Up Levelling Systems

**\*While troubleshooting with this harness, it is important to ensure that the travel trailer has good, working batteries for use in testing\***  
How does it connect?

It will plug in at the Leveling Controller on travel trailer and M2 port of CODDIWOMPLE.

**\*If plugged into the M1 port none of the functions will work\***  
What will be displayed?

On the rotary switch of the CODDIWOMPLE:

- CH1 will show approximately 2 amps of current draw and will open the cartridge valve for landing gear.
- CH2 will show approximately 2 amps of current draw and will open the cartridge valve for “door-side” rear jacks.
- CH3 will show approximately 2 amps of current draw and will open the cartridge valve for the “off-door-side” rear jacks.

Functions:

- The UP arrow on the M2 side of CODDIWOMPLE will activate the “retract” solenoid for the pump motor.
- The DOWN arrow on the M2 side of the CODDIWOMPLE will activate the “extend” solenoid for the pump motor.

Tips:

- While placing forced outputs to the off position and pressing the up arrow, if any of the six jacks or hydraulic slide rooms (if equipped) retract beyond 1”, there is a faulty cartridge valve.
- While placing forced outputs to the off position and pressing the DOWN arrow, if no change occurs, release the DOWN arrow and press the UP arrow. If anything moves. while pressing the UP arrow, there is a seal bypassing in a cylinder.





□ **Schwintek/Slim Rack At-Controller Adapter 6' (pair)**  
(Included in “Plus” kit or sold separately)

This adapter is used to extend and retract Schwintek as well as Slim Rack Slide-Rooms.

How does it connect?

To connect the motors to the CODDIWOMPLE, disconnect the motor-to-controller harnesses from the controller and plug them into the CODDIWOMPLE Schwintek/Slim Rack At-Controller Adapter. Then plug the other end of the Schwintek/Slim Rack At-Controller Adapter into the M1 and M2 ports of CODDIWOMPLE.

**\*Keep slide even and square with sidewall while extending or retracting. Use caution as the slide can be over extended causing damage\***

What will be displayed?

- The display will show the combined amperage between both M1 and M2

Functions:

- Manually extend or retract slide to check for any electrical and mechanical failures

Tips:

- If the amperage draw rests at LRA (Lock Rotor Amps, approximately 26 amps), then we have a mechanical bind of some kind.
- If the breaker on the CODDIWOMPLE trips while attempting to extend or retract the slide, this indicates an electrical short.
- If there is a zero amperage draw while attempting to extend or retract the slide, this indicates an open electrical circuit.

**\*If the room moves while using the CODDIWOMPLE, this does not mean that the motors are good. But rather, the windings may be functional while the hall sensor is not\***



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### **Ground Control 3.0 At-Motor Adapter (Included in “Plus” kit or sold separately)**

This adapter allows you to connect the CODDIWOMPLE directly to the existing Ground Control 3.0 motor in order to test motor windings for open or short circuit conditions.

**\*This is not meant to troubleshoot the hall sensor. This is for testing motor windings\***

How does it connect?

Disconnect the existing harness for the Ground Control 3.0 from the motor. Connect the gray side of the Ground Control 3.0 At-Motor Adapter to the motor. Connect the black side of the adapter to the 11' SAE 2 Pin Connector Awning/Extension Harness

**\*UP/DOWN will extend or retract dependent upon which port you connect the adapter to on the CODDIWOMPLE (M1/M2). Test both directions to determine the functional direction\***

What will be displayed:

- The amperage draw from the individual jack that the CODDIWOMPLE is connected to.

Tips:

- If the amperage draw is higher than the rating of the fuse in the controller, this indicates a mechanical bind or that the jack is overloaded. If the breaker on the CODDIWOMPLE trips almost immediately, this indicates a short motor winding condition.



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### **Equalizer 6 Point Towable Pump Harness (Included in "Plus" kit or sold separately)**

This harness is best used to identify the amperage draw of each cartridge valve as well as the amperage draw of each side of dual polarity solenoid. This will fit travel trailers with Equalizer 6-Point leveling systems.

**\*While troubleshooting with this harness, it is important to ensure that the travel trailer has good, working batteries for use in testing\***  
How does it connect?

It will plug in at the pump on travel trailer and M2 port of CODDIWOMPLE.

**\*If plugged into the M1 port none of the functions will work\***  
What will be displayed?

On the rotary switch of the CODDIWOMPLE:

- CH1 will show approximately 4 amps of current draw while set to "Street Side Front Jack" or "Door Side Front Jack. However, it will show approximately 8 amps of current while set to "Both Front Jacks" and will open the cartridge valve for landing gear.
- CH2 will show approximately 4 amps of current draw and will open the cartridge valve for "door-side" rear jacks.
- CH3 will show approximately 4 amps of current draw and will open the cartridge valve for the "off-door-side" rear jacks.

Functions:

- The UP arrow on the M2 side of CODDIWOMPLE will activate the "retract" solenoid for the pump motor.
- The DOWN arrow on the M2 side of the CODDIWOMPLE will activate the "extend" solenoid for the pump motor.

Tips:

- While placing forced outputs to the off position and pressing the up arrow, if any of the six jacks or hydraulic slide rooms (if equipped) retract beyond 1", there is a faulty cartridge valve.
- While placing forced outputs to the off position and pressing the DOWN arrow, if no change occurs, release the DOWN arrow and press the UP arrow. If anything moves while pressing the UP arrow, there is a seal bypassing in a cylinder.





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### **Ground Control 3.0 At-Controller Adapter**

This adapter allows you to connect the CODDIWOMPLE directly to the existing Ground Control 3.0 motor harness in order to test motor windings and existing harness for open or short circuit conditions.

**\*This is not meant to troubleshoot the hall sensor. This is for circuit testing as well as testing motor windings\***

How does it connect?

Disconnect the existing harness for the Ground Control 3.0 from the controller. Connect the black side of the Ground Control 3.0 At-Controller Adapter to the harness. Connect the white side of the adapter to either M1 or M2 on the CODDIWOMPLE.

**\*UP/DOWN will extend or retract dependent upon which port you connect the adapter to on the CODDIWOMPLE (M1/M2). Test both directions to determine the functional direction\***

What will be displayed:

- The amperage draw from the individual jack that the CODDIWOMPLE is connected to.

Tips:

- If the amperage draw is higher than the rating of the fuse in the controller, this indicates a mechanical bind or that the jack is overloaded. If the breaker on the CODDIWOMPLE trips almost immediately, this indicates a short circuit condition.



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### **11' SAE 2 Pin Connector Awning Harness**

This harness is used when testing the function of the Awning Motor. It can also be used as an extension harness for the Alligator Clips Adapter and the Ground Control 3.0 At-Motor Adapter.

How does it connect?

Disconnect the Awning Motor from the existing harness and connect the black side of the Awning Harness to the motor. Connect the white side of the Awning Harness to either M1 or M2 on the CODDIWOMPLE.

**\*UP/DOWN will extend or retract dependent upon which port you connect the adapter to on the CODDIWOMPLE (M1/M2). Test both directions to determine the functional direction\***

Functions:

- Manually extend or retract awning.
- Acts as an extension cable for additional adapters.

Tips:

- If the amperage draw rests at LRA (Locked Rotor Amps), then we have a mechanical bind of some kind.
- If the breaker on the CODDIWOMPLE trips while attempting to extend or retract the slide, this indicates an electrical short.
- If there is a zero amperage draw while attempting to extend or retract the awning, this indicates an open electrical circuit.





### **5' Schwintek Test Harness**

This harness is used when performing a rack replacement on Schwintek Slide-Outs. This harness allows you to drive the column away from the wall, utilizing one motor only.

How does it connect?

Utilizing either the 6" or the 6' Schwintek/Slim Rack At-Controller Adapter, connect the Schwintek Test Harness to the adapter and connect the adapter to either M1 or M2 on the CODDIWOMPLE.

Connect the other end of the Schwintek Test Harness directly into the motor on the column that is to be moved.

Functions:

- Manually drive the column away from the wall as a precursor to rack replacement.
- Can be used to connect the motor directly to the Slide-Controller as a test harness and/or a replacement harness.



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### **Alligator Clips Adapter (Included in “Plus” kit or sold separately)**

This adapter can be used to connect to any load to test functionality and amperage draw.

How does it connect?

Utilizing the 11' SAE 2 Pin Connector Awning/Extension Harness, connect the alligator clips to any two wire 12v load, and connect the white block on the harness to either M1 or M2 on the CODDIWOMPLE.

**\*Do not connect this to any control boards\***

Functions:

- Supply power from CODDIWOMPLE to any end-device (12v only)