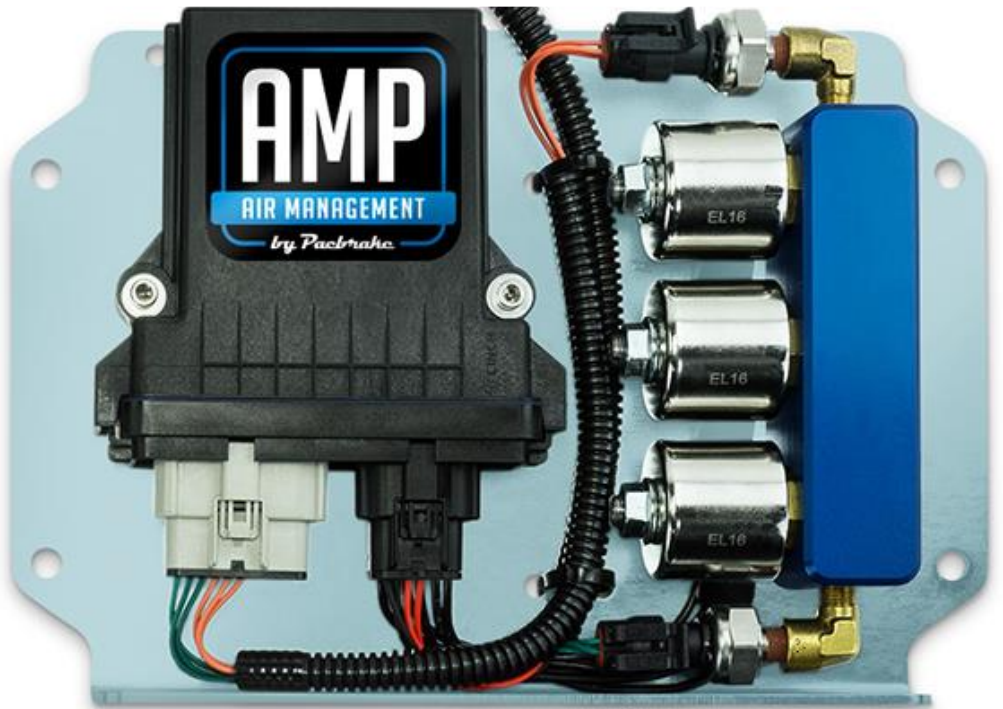


# Troubleshooting Guide

**PACBRAKE®**

www.pacbrake.com 800.663.0096



## HP10316 KIT

### AMP Wireless Air Controls

Take control of your air springs through the AMP Wireless Control application. Requires Air Springs and Onboard Air Systems (sold separately)

For use with Android™ Devices





**IMPORTANT:** Prior to proceeding:

- Ensure all wiring harness and airline connections are secure.
- Inspect all wiring for signs of damage or wear that could cause electrical shorts or discontinuities.

**Mobile device does not pair to the AMP Controller**

Cause	Solution
Incorrect/unsupported device or operating system	<ul style="list-style-type: none"> <li>• Ensure the device operates on Android 4.2 (Jellybean) or newer</li> </ul>
Insufficient power applied to the controller	<ul style="list-style-type: none"> <li>• Ensure the power wires are connected to the correct terminals, and the vehicle ignition is on</li> <li>• Check the 10A fuse in the wiring harness</li> </ul>
Communication issue between the controller and the phone	<ul style="list-style-type: none"> <li>• Ensure the controller is within Bluetooth range (10, 30ft) and that the AMP controller is not mounted within a metal surround (trunk/engine bay)</li> <li>• Some mobile devices may discover the controller as its unique Bluetooth address in the following format: XX:XX:XX:XX:XX:XX Pair normally and rename the controller to PACBRAKE AMP</li> <li>• Cycle ignition power to reset the controller and refresh the communication</li> </ul>

**Cannot connect to the AMP Controller from within the Application**

Cause	Solution
Incorrect/unsupported device or operating system	<ul style="list-style-type: none"> <li>• Ensure the device operates on Android 4.2 (Jellybean) or newer</li> </ul>
Insufficient power applied to the controller	<ul style="list-style-type: none"> <li>• Ensure the power wires are connected to the correct terminals and the vehicle ignition is on</li> <li>• Check the 10A fuse in the wiring harness</li> </ul>
Communication issue between the controller and the phone	<ul style="list-style-type: none"> <li>• Ensure the controller is within Bluetooth range (10m, 30ft) and that the AMP controller is not mounted within a metal surround (trunk/engine bay)</li> <li>• Check device's Bluetooth Settings and ensure the controller is named PACBRAKE AMP</li> <li>• Ensure that only one PACBRAKE AMP device is paired (un-pair other devices)</li> <li>• Certain phones may have difficulty connecting, turn off other wireless communications and retry</li> <li>• Cycle ignition power to reset the controller and refresh the communication</li> </ul>

**Air solenoids are not activating**

Cause	Solution
Insufficient power applied to the controller	<ul style="list-style-type: none"> <li>• Ensure the power wires are connected and the vehicle ignition is on</li> <li>• Check the 10A fuse in the wiring harness</li> </ul>
Solenoids have frozen	<ul style="list-style-type: none"> <li>• Humidity in the air may condense and freeze at low temperatures</li> </ul>

**System does not hold pressure**

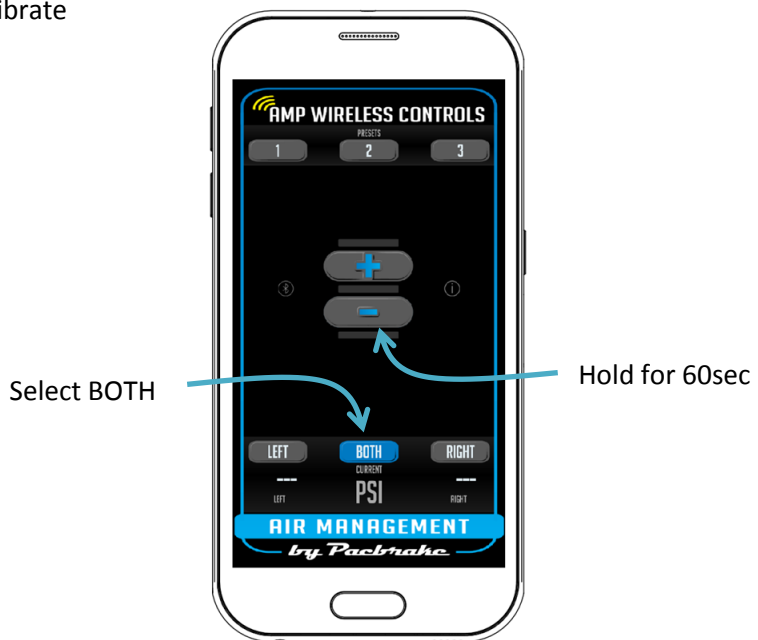
Cause	Solution
A leak may exist in one or more of the connections.	<ul style="list-style-type: none"> <li>• Spray soapy water on all airline connections to detect any air leaks. Repair as necessary and retest</li> </ul>

**Air springs will not stop filling or draining**

Cause	Solution
App/signal connection is dropping intermittently	<ul style="list-style-type: none"> <li>• Ensure the controller is within Bluetooth range and that the AMP controller is not mounted within a metal surround (trunk/engine bay)</li> </ul>

**App shows pressure in the Air Springs when empty**

Cause	Solution
Pressure sensors are out of calibration	<ul style="list-style-type: none"> <li>• Recalibrate</li> </ul>





**Air springs fill or drain unevenly**

Cause	Solution
Air lines between the AMP wireless control board and the Air Springs are different lengths	<ul style="list-style-type: none"> <li>Adjust the length of the lines to be as equal as possible</li> </ul>

**Air springs fill or drain in opposite orientation**

Cause	Solution
Air lines are plugged into the incorrect LEFT and RIGHT ports	<ul style="list-style-type: none"> <li>Swap LEFT and RIGHT airlines by pressing down the collar of the fittings to remove the lines</li> </ul>

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