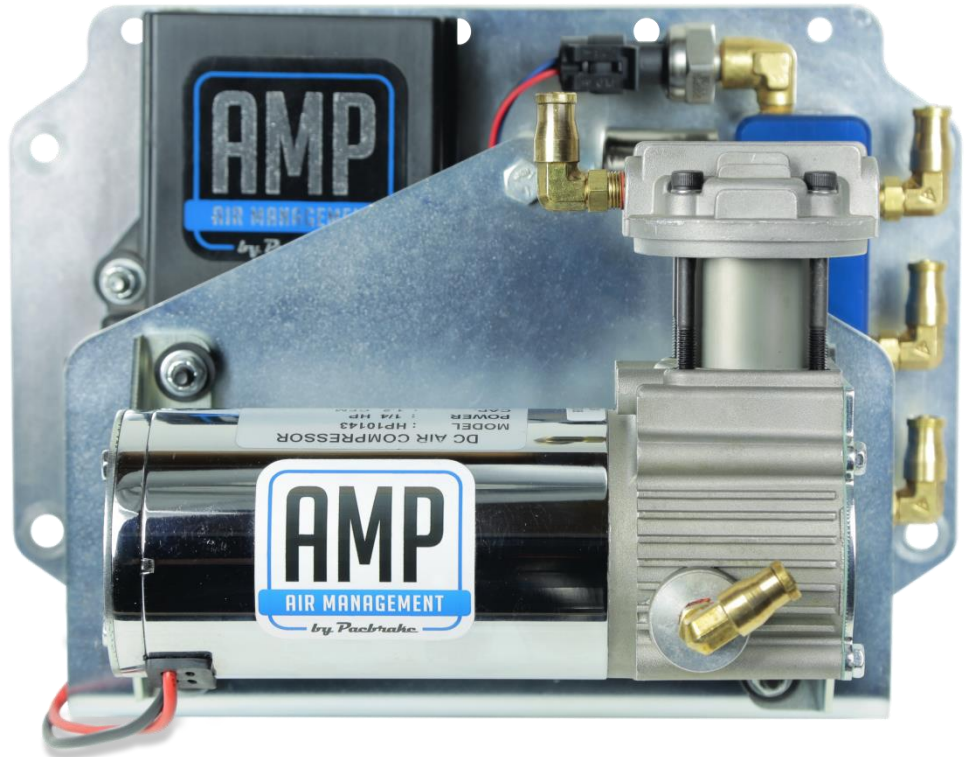


# Troubleshooting Guide

**PACBRAKE®**

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## HP10327 KIT

### AMP Wireless Air Controls

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





**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.

### 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 4.3 (Jellybean) or newer</li> <li>• Ensure the device operates on Apple™ iOS™ 10.3 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>• Certain phones may have difficulty connecting due to internal interference, turn off other wireless communications (Wi-Fi, NFC, etc.) and retry</li> <li>• <b>Android only:</b> ensure that the controller is paired with the mobile device</li> <li>• Ensure Bluetooth is turned on</li> <li>• Ensure Location Services is turned on – Bluetooth requires this permission in order to scan for the controller</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 soap 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>

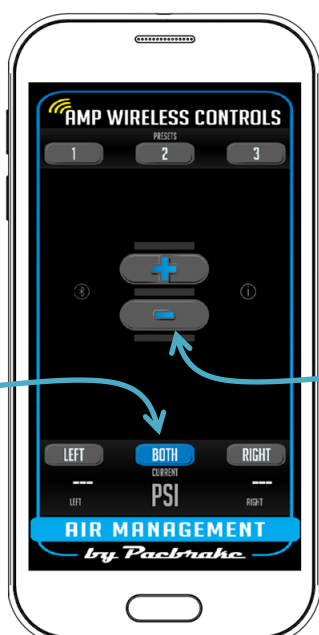
### Air springs do not fill

Cause	Solution
Compressor not operating	<ul style="list-style-type: none"> <li>See section “Compressor does not operate” below</li> </ul>
Airline not connected	<ul style="list-style-type: none"> <li>Ensure the airlines are connected</li> </ul>
A leak may exist in one or more of the connections	<ul style="list-style-type: none"> <li>Spray soap water on all airline connections to detect any air leaks. Repair as necessary and retest</li> </ul>

### Compressor does not operate

Cause	Solution
Insufficient power supply	<ul style="list-style-type: none"> <li>Ensure the power and ground wires are connected</li> <li>Check the 30A fuse in the relay wiring harness</li> <li>Check the 12V relay operation</li> </ul>
Clogged air intake filter	<ul style="list-style-type: none"> <li>Replace intake air filter element</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> <div style="text-align: center;">  <p>1. Select BOTH</p> <p>2. Hold for 60 seconds</p> </div>



### Air springs fill or drain unevenly

Cause	Solution
Airlines 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 equal</li> </ul>

### Air springs fill or drain in opposite orientation

Cause	Solution
Airlines 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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