

# Check Valves



Thank you for choosing HKI AIR SUSPENSION products to control your air suspension.

Our mission is to provide the best experience for you and your vehicle. Our commitment is huge, from development, manufacture, service, sale and warranty.

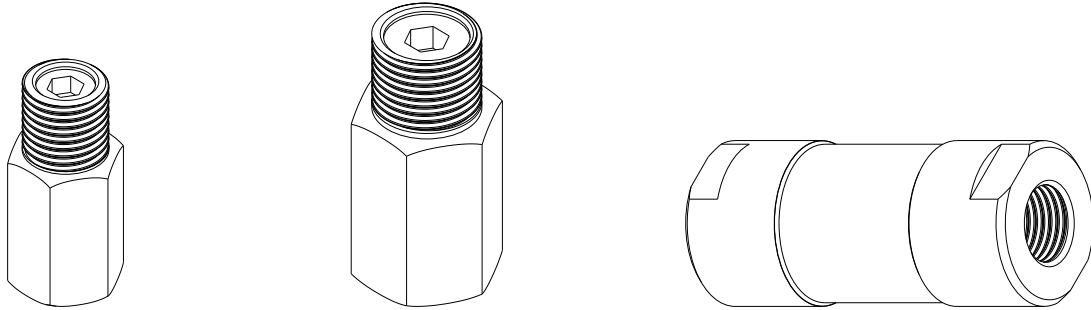
This manual will provide all important information for the correct and safe use of our products.

However, if you have any difficulties or if you have any questions that are not addressed in this document, please feel free to contact our team.

[hki@hkiairsuspension.com](mailto:hki@hkiairsuspension.com)



Check valves, also known as a non-return valve or one-way valve, are common components to see in air suspension systems. These valves are generally used in each pneumatic line from the compressor/air source to the air tank or, from the air tank to the valve manifold. It prevents back pressure flow (either from the air bags to the air tank or from the air tank to the air compressor) resulting in air leaks that are always unwanted.



## Installation

The product must be installed in the pneumatic line, when there is a need to make the air flow direction only, that is, only in one direction.

This installation is simple: Based on the indication of the air passage indicated on each part by an arrow, install the check valve using the necessary pneumatic connections and always mounting with the thread sealant of your choice.

## Maintenance

Any air leak in the pneumatic system is harmful to the system, so it is very important to watch for signs of small leaks from time to time. With check valves it is no different; Over time, oxidation can be created on the inside of the valve, impairing its functionality. We recommend that, if a leak is identified by the check valve, it is dismantled from the system and performs an internal cleaning with a de-seize agent or any other product that can help to remove the internal oxidation.

If after this cleaning the valve continues to leak, we recommend immediate replacement of the part.

**Before installing the check valve in the pneumatic system, check the correct air direction indication.**



**ALWAYS** depressurize the entire system before doing any maintenance on the pneumatic system.

