

# Air Pressure Gauges



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.

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**HKIAIR**  
SUSPENSION

Monitoring your suspension air pressure is crucial to any reliable installation. Analog gauges will inform the pressure in each bag or air tank and will facilitate fine adjustment to the desired ride height, in the case of air bags. In the case of the gauge that will show the air tank pressure, it helps to identify any air leak in the system.

## Installation Orientation

Pressure gauges must be installed inside the vehicle, away from sources of heat, vibration or impacts. To avoid any leak, it is very important that the pressure gauges are fixed using the original brackets or any other form of fixation, leaving them loose in any location of the vehicle is not indicated.

The installation is simple and divided into two stages, pneumatic and electrical:

**1 - Pneumatic:** Install the fitting with the thread seal of your choice on the back of the pressure gauge (1/8 NPT) and install the air hose coming from the air source you want to read/monitor the pressure.

*Do NOT overtighten this fitting. Be very careful not to compromise the thread or the pressure gauge. The diameter of the hose that will supply the air pressure to the pressure gauge does not matter, assess the passage of this hose through the vehicle before actually assembling the product.*

**2 - Electrical:** On the back of the manometer you will find an electrical harness for lighting. Two cables are present in this harness, the red (LIGHTS ON +12v) and the black (Ground -). Install according to your needs.

*We recommend that this type of installation be done by a professional.*

*Lamp model reference: Ba9s*

## Maintenance

There is no need for periodic maintenance for air suspension gauges, as long as they are initially installed securely, away from sources of heat, vibration and impacts, the product does not require disassembly for cleaning or other maintenance action.

It is very important that the air gauges are installed correctly, this means that for gauges that have only one needle, they receive a single pressure. *DO NOT unite, for example, two independent pressures with a T-connection and connect to the gauge, this way this system will share the pressure of the two points making them one.*

**ALWAYS** depressurize the system before installing and/or maintaining pressure gauges.