

INSTALLATION GUIDE



PRE- INSTALLATION ADVISORY GUIDE INTERNAL CIRCULATION STRUCTURE



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1. Motor Specifications: Voltage at rated level: DC13V, Current range: 10-20A, Motor operational mode: Intermittent operation.
2. When replacing the air compressor, it's crucial to also replace the corresponding relay. Failure or deterioration of the relay can result in continuous operation of the air compressor motor, potentially causing damage to the motor and associated components.
3. When replacing the air filter element, make sure to inspect the cleanliness of the intake pipe to prevent damage to the compressor cylinder due to foreign objects or water ingestion. Corrosion can occur if these precautions are not taken.
4. During the installation of the air compressor, pay careful attention to the proper placement of buffer rubber sleeves, springs, and other components on the bracket. Incorrect installation or missing components may lead to resonance, unusual noise, and inadequate isolation between the compressor and the vehicle's body.
5. After installing the air compressor, thoroughly inspect all connecting parts, including the distribution valve, air storage tank, shock absorber, and air pipe joints, for any signs of air leakage. Leakage can reduce the compressor's performance and shorten its lifespan.
6. **This air suspension compressor features an internal circulation structure. Upon installation, it is essential to inject nitrogen 5 or CO2 gas into the gas storage tank using the provided connector.**
7. Prior to powering on the air compressor, carefully inspect and secure all wiring connections. Ensure there is no pinching, rubbing, pulling, or loose hanging of wires, which can lead to wire damage and the potential for short circuits. Ensure that the plug is securely inserted.
8. We strongly recommend seeking assistance from a qualified mechanic for these tasks.



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1. Attach the motor power connector by inserting it into the bottom and securing it with the triangular back hook.
2. Connect the solenoid valve power plug by inserting it into the triangular back hook at the bottom.



1. To maintain the air inlet, begin by inspecting the cleanliness of the air inlet pipe. If a dust cover is present, remove it. Apply the appropriate grease to both ends of the air inlet pipe. Next, reinsert the pipe securely, and ensure its tightly fastened using the clamping mechanism. This process helps prevent water, dust, or foreign particles from entering the cylinder body, keeping it in good working condition.
2. To work with the internal circulation air supply joint, turn it counterclockwise to loosen, remove the plastic plug gently, and tighten the needle evenly. Avoid excessive tilting, rotating, or overtightening to prevent damage to the plastic screw thread.

