



DESERT FOX
PRO RIDER GEAR



12V COMPRESSOR

sales@nippynormans.com

www.NippyNormans.com





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INCLUDED ACCESSORIES



SAE Master Power Point with inline 15 amp fuse - allows for a permanent power point on the bike and a direct connection to the battery. Also suitable for BMW Canbus systems. The compressor can be plugged directly to this power point.

SAE to DIN/Cigarette Connector - enables the compressor to be powered from a cigarette lighter or DIN socket.



The BMW DIN socket does not 'allow' sufficient current for ANY electric pump. If you wish to power the pump with this connector - fit a direct to battery socket kit (Part number BAS-ZA01 or BAS-SD14)



SAE to Crocodile Clips - enables the compressor to be powered directly from the battery terminals.



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OPERATING INSTRUCTIONS

- Before starting the compressor ensure your engine is running and that your battery is charged.

The Desert Fox compressor has a heavy duty armature that will draw 13 Amps. It has been purposely designed this way for longevity and maximum pump pressure. Your battery is the key to making the compressor work optimally. Batteries age with time and even quicker if mistreated. This is why it is important to run the engine of your vehicle as it enables the alternator to keep up with the amperage demand and supply the compressor with a higher voltage than the battery can normally supply.

Use one of the 3 included power connections:

- 1. Cigarette Plug Connector:** Connects the compressor to a cigarette socket, or DIN socket.

- On BMW Motorcycles the factory fitted DIN 12 V power socket does not 'allow' enough draw for ANY electric pumps.

Please use the supplied Master Power Point to power the compressor, or fit one of our direct to battery socket kits (Part number BAS-ZAO1 or BAS-SD14)

- 2. Crocodile Clips:** If you plan to use these as a direct connection to the battery we recommend grounding the compressor back to the negative (Black) terminal of the battery. The grounding of the compressor is just as important as the 12 volt positive (Red) when creating a reliable, strong circuit.
- 3. Master Power Point:** connects the compressor directly to the battery via a SAE plug.

Note: If your battery has been "killed" in the past, has sulfation, defective plates, etc it will not be able to support the amperage draw of the compressor. In the world of 12 volt batteries, anything below 10.5 volts is dead...doing this repeatedly damages a battery regardless if it is a starting battery or deep cycle battery.

Even with the alternator running, a defective battery may act like a "resistor" and stop the flow of amps and voltage to the compressors motor. This lack of amperage or voltage will damage your compressor motor.

A well maintained battery is therefore always recommended when using high amperage accessories.



SPECIFICATIONS

Voltage: 12 Volt DC

Max. current consumption: 13 A

Flow Air Flow: 45 litres per minute

Maximum pressure: 140 psi / 10 bar

Operating pressure: 100 psi / 7 bar

Rubber air hose with integrated pressure gauge: 65 cm

Pressure gauge with cast fitting: 0-7 Bar, 0-100 PSI

Max. Operating temperature: 60 C

Min. Operating temperature: -20 C

Power Cord: Heavy duty 2.8 m

Integrated on/off switch



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NOTE:

- Do not inflate continuously for more than 8 minutes. Switch off and allow a 10 minute pause after each 8 minutes of operation to protect the motor.
- Do not use solvents to clean the plastic components. Only use a clean, dry cloth to remove dirt.
- Always check the air compressor and its moving parts for any damage and for proper functioning.
- Do not use the compressor in a damp or wet environment and always keep it away from inflammable liquids or gases.



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