

# CHALLENGE

## 12V TYRE INFLATOR

Users Manual

HD-021



# **challenge**<sup>®</sup>

**After Sales Support**

UK/Ireland 0345 640 0800

**Important** - Please read these instructions fully before starting assembly

These instructions contain important information that will help you get the best from your inflator, ensuring it is used correctly and safely.

If you need help or have damaged or missing parts, call the Customer Helpline on 0345 640 0800

# Contents

Safety Information.....	3
In The Box.....	4
Accessories.....	4
Operating Instructions.....	5
Technical Data.....	6
Environmental Protection.....	6
Guarantee.....	7



# Safety Information

**Important** - Please read these instructions fully before operating

## Warning Symbols

The following warning symbols appear throughout this user manual and indicate the appropriate safety measures you should take when operating the inflator.



To reduce the risk of injury, Please read the instruction manual



Warning



Wear ear protection



Wear eye protection



Wear dust mask



In accordance with essential requirements of the European directive(s)

# In The Box

## Parts

- ① PRESSURE GAUGE
- ② ON / OFF SWITCH
- ③ 12V CAR PLUG
- ④ AIR LINE WITH THUMB LOCK TYRE CONNECTOR



# Accessories

LARGE NOZZLES	1
SMALL NOZZLES	1
SPORTS NEEDLE	1

# Operating Instructions



**WARNING: Read the instructions fully before using the product for this first time.**

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with this appliance.
- Do not over inflate your tyres or any other inflatable object.
- Do not leave the compressor unattended when in use.
- Ensure you are safely positioned away from traffic if you have to inflate a tyre on a road.
- This compressor is intended for short run use. Maximum uninterrupted running time should not exceed 10 minutes and a 10 minute cooling down period is recommended before running the compressor again.
- CAUTION: Bursting items can cause injury so do not exceed recommended pressure levels.
- Keep your face a safe distance away from the compressor and the object being inflated, do not get too close.
- It is recommended in the interests of your safety that you check your tyres with a BS approved tyre gauge to ensure your tyres are at the correct pressure
- It is advisable to check the vehicle manufacturers recommended tyre pressures to ensure correct inflation levels (Keep this information with you in the car).
- Always check your tyres when they are cold.

## PREPARATION FOR USE

**NOTE:** Your ignition may need to be set to position "I" (on) for the 12V output from the 12V accessory socket to function. Furthermore, it is recommended that your car engine is running when using this product so that your battery is not depleted and full power is supplied to the unit (Always check that the car is in neutral and the handbrake is on). This compressor is designed for use with a car 12V DC power supply; do not connect to any other type of electrical power.

## USING THE COMPRESSOR

- Attach the air line securely to the valve on the tyre or any other item to be inflated (use adaptors if necessary and press lever down to secure the valve).
- Press the 'switch' on and the compressor will start.
- The compressor will inflate the tyre (or other item).
- Periodically stop the compressor to allow the gauge to steady so that it can be read.
- Once the correct pressure is reached, switch off and disconnect the air line from the valve.

**NOTE:** It is recommended in the interests of your safety that you check your tyres with a BS approved tyre gauge to ensure your tyres are at the correct pressure. Always check your tyres when they are cold.

## USING THE ADAPTERS

Screw the adaptors into the Air Line.

Inflating adapters for air rubber rings/air beds/footballs, etc.

# Operating Instructions

## TROUBLESHOOTING

If your compressor is not working, check the following:

- The cars internal fuse for the accessory socket.
- The 12V accessory plug is pushed firmly in the socket
- Ensure that there are no broken wires in the 12V accessories plug.

## Technical Data

### Technical Data Table


Power Supply	12V DC
Ratings	84W(fitted with a 10A fastacting glass fuse)
Pressure gauge	0~100 PSI
Weight	0.8kg

### Noise Information

A weighted sound pressure

A weighted sound power

Wear ear protection when sound pressure is over:

$L_{pA}$  : 85dB(A)  
 $L_{wA}$  : 81.3dB(A)  
80dB(A) 

## Environmental Protection



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. This symbol is known as the 'Crossed-out Wheelie Bin Symbol'. When a product is marked with this symbol, it means the product should not be disposed of with your general household waste. Only discard electrical/electronic products in a separate collection scheme which caters for the recovery and recycling of the materials contained within. Your cooperation is vital to ensure the success of these schemes and for the protection of the environment.

# Guarantee

This product is warranted to the original owner to be free of defects in material and workmanship for a period of 12 months. This product is for domestic use only and any other use may invalidate the warrantee.

This product is not warranted for HIRE purposes.

This warrantee does not affect the statutory rights of the consumer