

## Specifications

Part number	DA2354
Motor voltage	12 volt
Motor type	Permanent magnetic
Max working pressure	150psi
Max flow rate @ 0psi (13.8v)	72 litres
Continuous use @ 22°C & 40psi	40 minutes
Max restart pressure	150psi
Max current consumption	30 amps
Built-in fuse	30 amps
Auto reset thermal protection	Yes
Dimensions	280 x 140 x 200mm
Net weight	4.6kg

## Trouble Shooting Check List

Problem	Possible Causes	Corrective Action
Compressor will not run	No power is coming from the 12 volt source	Make sure compressor switch is on
	Power switch is in off position	Make sure compressor switch is on
	Blown fuse	Disconnect compressor from power source, replace fuse - 30 amps
Thermal overload protector cuts out repeatedly	Motor overheated	Let compressor cool off for about 30 minutes so thermal overload switch will reset
	Lack of proper ventilation/ambient temperature is too high	Move compressor to well ventilated area or area with lower ambient temperature
Excessive knocking or rattling	Compressor valves failed	Replace compressor
	Worn bearing on eccentric or motor shaft	Replace compressor
Compressor air flow lower than normal or cannot pump to higher pressures	Cylinder or piston ring is worn	Replace compressor
	Worn piston ring or inlet valves	Replace compressor

# **BRITPART**

The quality parts for Land Rovers

## Portable Air Compressor



*It is essential that you and any other operators of the product read and understand the contents of this manual*

Save this manual for future reference

## *User Manual*

## Fitting Air Filter Unit

The air compressor comes originally packed without the air filter unit fitted.

### *Procedure -*

1. Remove the temporary protective red plug from the air inlet port.
2. Screw in the air filter unit and hand tighten. Do not use Teflon tape or lubricants on the thread.
3. Snap off the top lid to check if the element is correctly in place.

## Important Safety Instructions

- > Do not disassemble. Do not attempt repairs or modifications. Your warranty will be void if this instruction is ignored.
- > Do not use this product in an area where it can fall or be pulled into water or other liquids.
- > The base tray is fitted to place a barrier between the compressor and sandy or dusty ground, plus provide a stable operating platform, therefore keep the tray clean at all times during use.
- > Use this compressor with 12 volt DC power only.
- > This product should never be left unattended during use.

## Warning - To Prevent Injuries

- > This compressor will become very HOT during and immediately after use. Do not touch any part of this compressor with bare hands, other than the on/off switch.
- > Never allow children to operate this compressor. Close supervision is necessary when this compressor is being used near children.
- > Do not pump anything other than atmospheric air.
- > Do not use any other tools or attachments without first determining maximum air pressure for that tool or attachment.
- > This air compressor is equipped with an automatic reset thermal protector and can automatically restart after the thermal protector resets. Always turn off the power when the thermal protector becomes activated.
- > Exercise extreme caution and never exceed 25mph (40kph) when driving with deflated tyres.
- > Never make sharp turns while driving with reduced tyre pressure as you could break the bead between the wheel rim and the tyre.
- > Re-inflate tyres to manufacturers recommended tyre pressure before high speed travelling on roadways.

## General Operating Instructions

Please read and follow the operating instructions carefully to assure you will enjoy the convenience and best use of your air compressor.

## Important

1. Always operate the compressor within its maximum pressure rating. Refer to the specifications section of this manual for details. Operations exceeding maximum pressure rating will result in damage to air compressor and void warranty.
2. Your air compressor is equipped with an automatic thermal overload protector. This feature is designed to protect the air compressor from over-heating and causing permanent damage to your air compressor. The thermal overload protector will automatically cut off power to the air compressor if internal operating temperature rise above safe levels during excessive use.
3. Should at any time during usage your air compressor automatically shuts down, do not attempt to restart the air compressor. Turn off the power switch. The automatic thermal overload protector will automatically reset when internal temperature of the air compressor drops to a safe level. After allowing the air compressor to cool off for about 15 minutes, you can safely resume usage of the air compressor by turning on the power switch - your warranty will be void if this instruction is not followed.
4. It is strongly recommended that you keep the vehicle engine running whilst using the air compressor to prevent discharge of your vehicle battery. This means you should ONLY OPERATE THE AIR COMPRESSOR IN WELL VENTILATED AREAS. Compressor performance is also enhanced when operating with the vehicle engine running.
5. Please note that you may experience a slight delay (about 30 seconds) to the compressor motor starting when the compressor is pressurised (i.e. when there is back pressure in the line). This is a normal delayed reaction, not a compressor on/off switch malfunction.

## Maintenance

- > The air filter housing has a snap-off lid to gain access to the replaceable air filter element inside. The compressor performance will be greatly lowered by a clogged filter element. Old elements should be replaced before performance is affected.
- > Your air compressor is equipped with a permanently lubricated, maintenance free motor. Never try to lubricate the compressor.
- > Regularly clean dust and dirt from the compressor cooling fins and motor housing.

## Tyre Inflation Operating Instructions

Before attaching the air compressor power cord to the 12 volt DC power source, check to make sure that the power switch is in the off position. Attach the red battery clamp to the positive terminal of the battery and the black battery clamp to the negative terminal of the battery, ensuring you have made a good connection. Always keep your vehicle engine running while operating the compressor to avoid draining the vehicle battery.

Always make sure the portable compressors 2.4 metre power cord is uncoiled and fully extended to avoid overheating of the power cord.

The air compressor comes with a heavy duty, heat resistant coiled air hose with a quick connect air outlet fitting. Simply snap on this coil house and you are ready to inflate tyres.

## Tyre Inflation

1. Attach quick connect coupler to air compressor.
2. Screw brass connector onto tyre valve stem.
3. Turn compressor switch on to begin inflation.
4. While the compressor is running the gauge always reads the air line pressure and not the tyre pressure. For an accurate tyre pressure reading momentarily stop inflation by turning off the compressor and allow the air line pressure to equalise with the tyre pressure. While the compressor is turned off the gauge will read an accurate tyre pressure.
5. Turn off the compressor and disconnect when the correct tyre pressure has been reached.

## In-Line Pressure Gauge

1. The 50mm in-line gauge provides convenient monitoring of tyre pressure when inflating. This eliminates switching back and forth between a hand-held pressure gauge and the compressor.
2. Please note that during inflation, due to air velocity, the pressure gauge cannot provide accurate readings. Momentarily stop inflation to obtain accurate pressure readings.