

POWER TAKE-OFF AIR COMPRESSOR USER GUIDE and OTHER INSTRUCTIONS FOR SAFE USAGE

Please, read the guide carefully and take care of instructions for your safety and health.

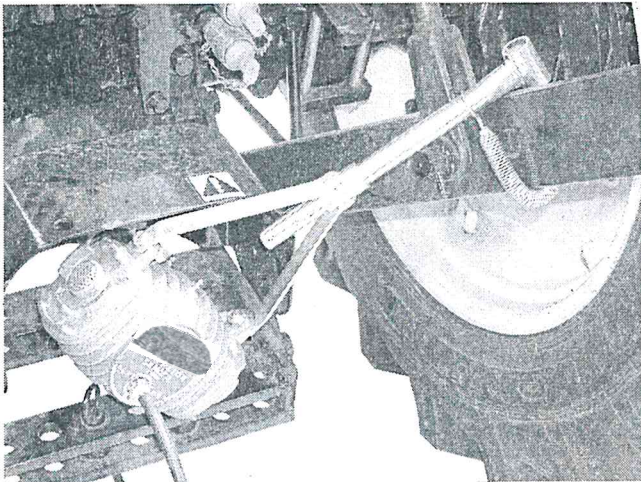
Function of Compressor:

This compressor is driven by tractor power take-off shaft, when the tyre has a puncture or out of air, the compressor pumps the tyre quickly.

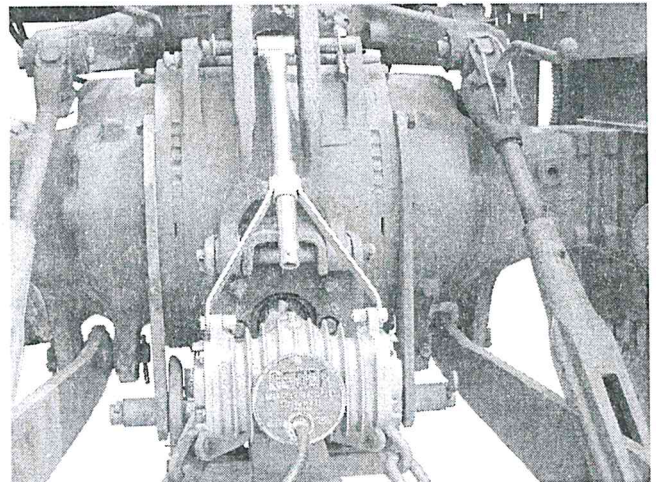
- Don't use the air generated by compressor for another purpose.
- Don't drive the air compressor by another mechanism (for example electric motor) except universal power take-off shaft.

Assemblage and Operating The Compressor:

- While assembling the compressor to the power take-off shaft, stop the tractor engine against any involuntary action.
- Mount the air outlet record to the compressor hose, fix with hose clamp and engage the fork pipe, fasten on the cotter pin (No.28). Expand the cotter pin's lips till the pipe.
- Be sure that forked nuts (No.25) are countered each other.
- Push the fraise pin (No.15) and mount to the power take-off shaft.
- Be sure that fraise pin is its initial lay and remove safety bolt on fraise at clockwise direction to fix.
- Fix the compressor forked pipe to the tractor (as seen in Picture 1 or Picture 2)
- If compressor can be mounted as seen in picture 1, run through the fork fitting spring in forked pipe and prop to right arm to make an angle. Set the compressor body as no contact with tractor cover or any other part. Other wise it will rotate with the power take-off shaft and may cause injury.



Picture 1



Picture 2

- After fixing the compressor, while operation compressor body shouldn't be in touch with any parts without forked pipe and fraise.
- Compressor hose must not wrap up to power take-off shaft. And take care of that hose is not hooked.
- Couple the hose clip to tyre valve and fix the clip.
- Start the engine and set the power take-off shaft revolution between 450 rpm and 540 rpm.
- Do not exceed 540 rpm.

While Operating:

- When operating the compressor be away from moving and rotating parts and keep other from those.
- When pumping measure periodically the tyre pressure with pressure gauge, never exceed the maximum tyre pressure.
- When measuring the tyre pressure, stop the engine.
- If abnormal noise is heard, stop the engine.
- Never interpose before stopping the engine.

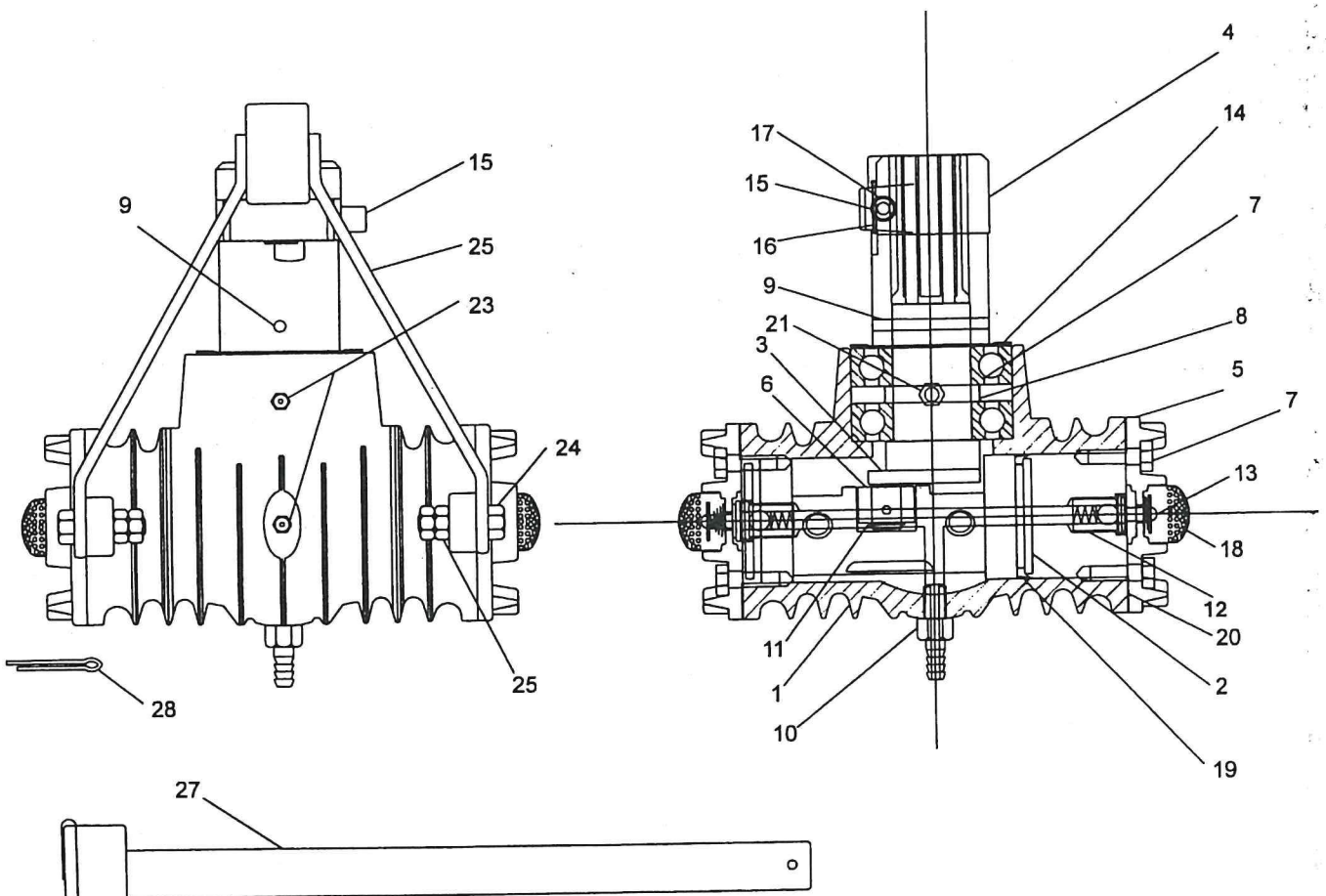
After Operation:

- Compressor temperature increases because of friction in working parts, use gloves before dismantling.
- Finishing the pumping, stop the engine and disjoint the compressor from power take-off shaft.

Maintenance:

- All of the maintenance work must be done when the compressor is apart from power take-off shaft.
- After each 7-8 operations grease about 30-40 gr grease oil by grease-nipples (No.23).
- After 5 year usage, if extremely dusted, clean the plastic valves(No.13) on the cylinder cover and roller valves (No.12) from dust or oil scraps.
- Drop a little oil on the pistons before assemblage, clean uniformly cover and cylinder surface and don't forget put a gasget between surfaces.

Keep this instructions.



No. Description

- 1 Cylinder
- 2 Piston
- 3 Crank
- 4 Fraise
- 5 Cylinder Cover
- 6 Crank Pulley
- 7 Ball Bearing 6207/6007
- 8 Ball Bearing Washer
- 9 Fraise Fixing Pin
- 10 Hose Adaptor 3/8"
- 11 Pulley Pin
- 12 Ball Valve
- 12a Spring

No. Description

- 12b Sphere \varnothing 9,5 mm
- 12c Body
- 12d OR Gasket 14x2,62
- 13 Plastic Valve
- 13a Clasp
- 13b Spring
- 13c Gasket
- 13d Plastic Body
- 14 Ball Bearing Cover
- 15 Fraise Pin
- 16 Fraise Cotter Pin
- 17 Spring

No. Description

- 18 Filter
- 19 Seal
- 20 Cylinder Cover Gasket
- 21 Crank Fixing Bolt 1/4" UNF
- 22 Cylinder Cover Bolt 1/4"x 3/4 UNC
- 23 Grease Nippel 1/4"
- 24 Fork Bolt 5/16"x30 mm.
- 25 Fork Nut
- 26 Fork
- 27 Fork Pipe
- 28 Fork Cotter Pin 3 mm.x30 mm.
- 29 Fork Fixing Spring

Technical Data:

Cylinders	: 2
Cylinder Diameter	: 55 mm
Stroke	: 42 mm
Stroke Volume	: 90 lt/min
Maximum PTO Shaft Speed	: 540 rpm
Maximum Pressure	: 10 bar
Hose	: 10 atm
Weight	: 9,5 kg

Compatibility Declaration:

Type : Air compressor driven by power take-off shaft.
 We declare that the DT-AC PTO Air Compressor complies with the appropriate basic safety and health requirements of the EC Machinery Directive 98/37/EC.

