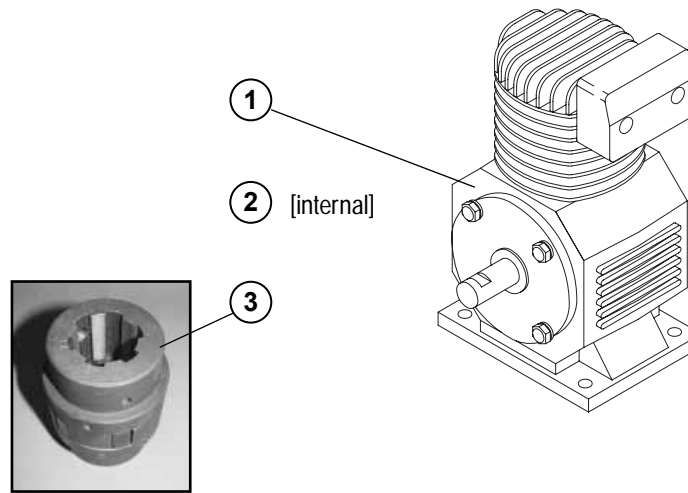


KB-1009A - AIR RIDE SUSPENSION KIT



Compressor

Compressor

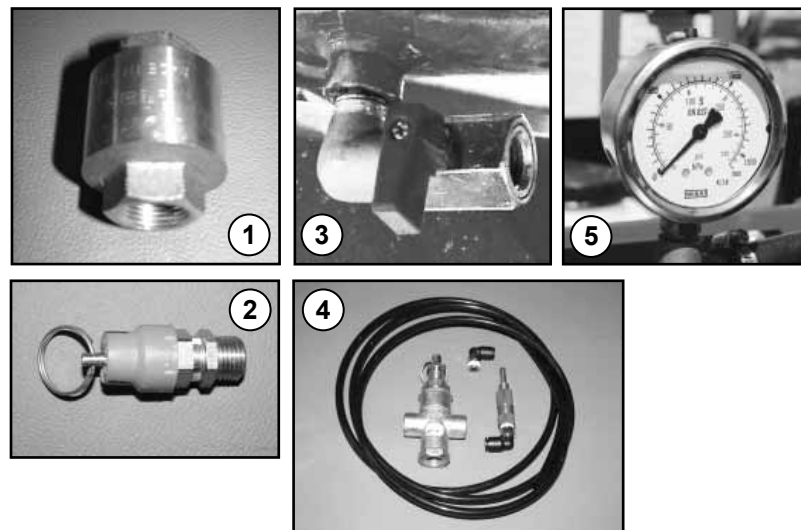


Pos	Part No	Description	Qty
1	BP-625	Compressor Complete	1
2	BP-625KIT	Kit	1
3	BP-624	Coupler	1



Air Tank

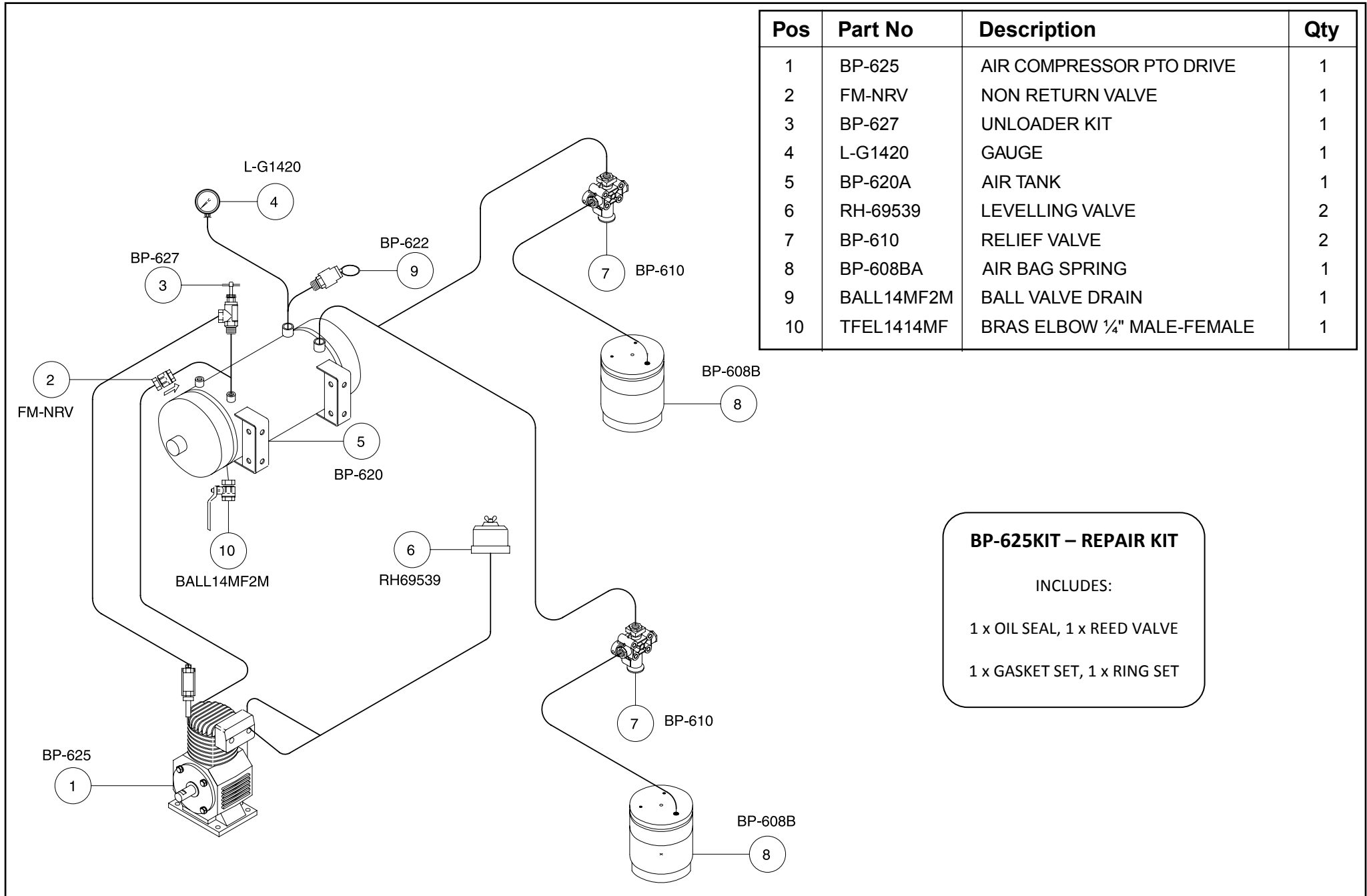
Air Tank



Pos	Part No	Description	Qty
1	FM-NRV	Non-return Valve	1
2	BP-622	Air Relief Valve Ass	1
3	BALL14MF2M	Exhaust/drain tap	1
	TFEL144MF	Brass Elbow	1
4	BP-627	Pilot Operated Relief Assembly	1
5	L-G1420	Gauge	1

Air Ride Suspension System

Assembly Drawings & Parts



Pos	Part No	Description	Qty
1	BP-625	AIR COMPRESSOR PTO DRIVE	1
2	FM-NRV	NON RETURN VALVE	1
3	BP-627	UNLOADER KIT	1
4	L-G1420	GAUGE	1
5	BP-620A	AIR TANK	1
6	RH-69539	LEVELLING VALVE	2
7	BP-610	RELIEF VALVE	2
8	BP-608BA	AIR BAG SPRING	1
9	BALL14MF2M	BALL VALVE DRAIN	1
10	TFEL1414MF	BRAS ELBOW ¼" MALE-FEMALE	1

BP-625KIT – REPAIR KIT

INCLUDES:

1 x OIL SEAL, 1 x REED VALVE

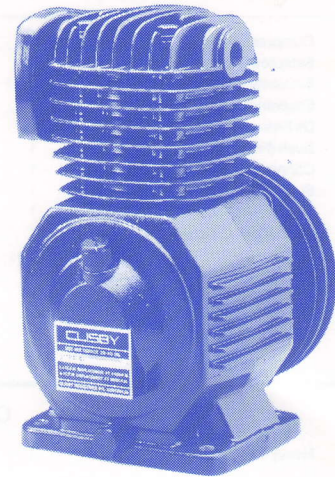
1 x GASKET SET, 1 x RING SET

CLISBY

CROPLANDS

SINGLE CYLINDER AIR COMPRESSOR

SERIES 500



Ideally suited for both commercial and recreational use. Especially popular for fitment to agricultural implements, e.g. foam markers, boom sprays and pruning equipment.

SPECIFICATIONS

Cylinder:	Bore 63.5 mm (2.5"), stroke 38.1 mm (1.5"), of composite construction with hard iron liner and close-pitched aluminium finning.
Cylinder Heads:	High strength aluminium alloy, designed for efficient heat dissipation.
Valves:	Reed type of stress-relieved spring steel.
Air Cleaners:	Replaceable filter elements, individual to each cylinder.
Crankcase:	Cast in high duty aluminium alloy holding 426 ml (¾ pint) of oil and fitted with combination oil dipstick and breather.
Main Shaft:	Precision ground steel running in two replaceable bronze bushes ONE EACH SIDE of crank throw and fitted with oil seal
Eccentric:	Hard cast iron machined to close limits and precision ground on working surface to fine finish.
Connecting Rod:	Precision high strength aluminium alloy castings.
Piston:	Precision machined aluminium alloy with two compression and one oil control ring.
Flywheel:	165 mm (6½") dia. grooved for one "A" section "Vee" belt, heavy rim maintaining even load. Also obtainable in 229 mm (9") dia.
Weight:	8.6 kg (19 lbs).
Options:	Magnetic clutch, diving specifications, and pulsation tank. An automotive inlet filter is recommended for very dusty conditions.

Recommended Horsepower:

1 H.P. (750 W) 1425 rpm Electric Motor, and standard Compressor flywheel 6.5" (165 mm).
Using 3.0" (76 mm) pitch dia. motor pulley = 3.17 cfm (1.5 litres/sec) displacement and 2.1 cfm (0.99 litres/sec) FAD at 100 psi (689 kPa) at 740 rpm.
Using 4.0" (102 mm) pitch dia. motor pulley = 4.1 cfm (1.93 litres/sec) displacement and 2.7 cfm (1.27 litres/sec) FAD at 100 psi (689 kPa) at 970 rpm.

Installation: Compressor should be properly installed with receiver of suitable capacity [built to Australian Standards], safety valve, drain valve, non-return valve, pressure gauge and motor overload protection.

