

DESCRIPTION

Model 30100 is suitable for draining the engine oil from any motor vehicle by gravity, (with vehicles placed on auto lift or pit) and by suction with the probe.

Gravity collection is carried out by the 80L capacity reservoir with height adjustable bowl and the oversized collection bowl with strainer.

Waste oil suction is carried out by an air operated vacuum pump with no moving and no worn parts, putting a probe or connector inserted into the motor oil level gauge. A suction hose, rubber handle and a set of connectors and probes are also included.

The unit includes a tyre gauge and a safety valve to avoid overpressure.

SPECIFICATIONS

Uses	Waste oil drain/evacuator with 80L reservoir and 20L catchment bowl
------	---

WARNING

- Do not extract caustic or flammable products.
- Do not expose the reservoir to any source of heat.
- While extracting high temperature oils, keep hands and face protected .
- Only use the device for the purpose for which it has been designed.
- Do not modify any component of the equipment.
- Only use original spare parts.
- Our technical office is at you full disposal for any information you may need.

ASSEMBLY FUNNEL

Attach the oil collection bowl (#0003) to the swivel connector(#0006) and tighten nut(#0007) with wrench.(Fig1)

Put the strainer(#0002) and extension funnel(#0001) on the collection bowl.

OPERATING INSTRUCTIONS

Setting up the oil drainer

Loosen rotating handle(#0014), to raise or lower the extension tube(#0012) by lift handle bar(#0009) , and hand tighten after reaching desired height. (Fig 2)



If the ball valve (#0008) is open, the oil will be drained directly into the main reservoir. If this valve is closed the oil will remain in the basin for inspection.

Emptying the Reservoir

- Close the valve #0008
- Close the valve #0065
- Close the valve #0047
- Open the valve #0049
- Open the valve #0056

Before draining the oil, the rotating handle must be tightened via the screw (#0014). Close the ball valve (#0049, #0056). Attach the end of the drain hose to a suitable waste oil container. Connect (0,5Bar) shop air to quick plug (#0057) and open the ball valve (#0049) and open ball valve(#0056). (Fig 3)

After the fluids have been transferred from the unit's reservoir tank, close ball valve. (#0056)

The unit is equipped with a pneumatic safety relief valve that has been calibrated at 1 bar(14 PSI).

Setting up for the oil suction

- Close the valve #0008
- Close the valve #0047
- Close the valve #0049
- Close the valve #0056
- Open the valve #0065

Connect shop air (8 bar) to vacuum pump male adapter(#0020), air will flow through the muffler until the gauge approaches the red field (after 2.5-3min). Disconnect the shop air the unit is now depressurised and ready for use. (Fig 4)

Operation

Oils should always be removed from their reservoirs when hot. The suction capacity of the unit is equal to 2/3 of it's reservoir capacity.

With the engine still warm, remove the dipstick and insert the largest possible probe as far down as it will go.(Fig 5)

Connect the suction hose to the probe. (Fig 6)

Open the ball valve on the suction hose, the oil is sucked from the sump into the graduated transparent chamber where it can be inspected for quantity and quality as soon as the sump is emptied close ball valve.(Fig 7)

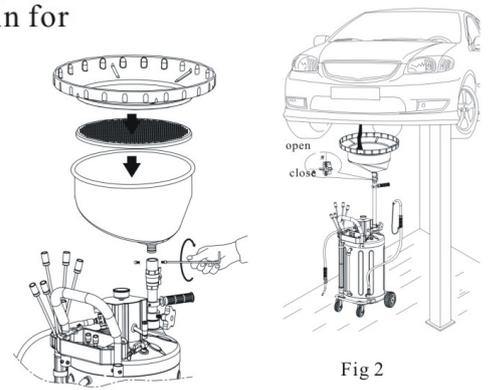


Fig 1

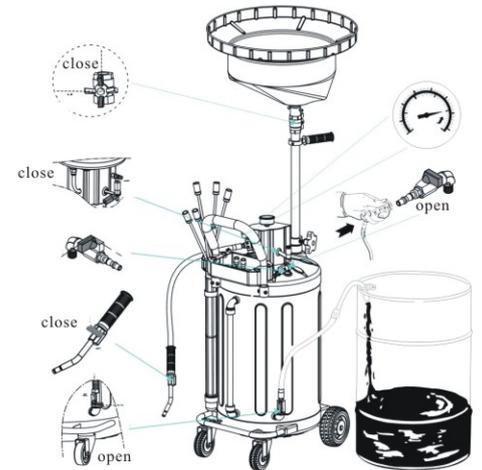


Fig 3

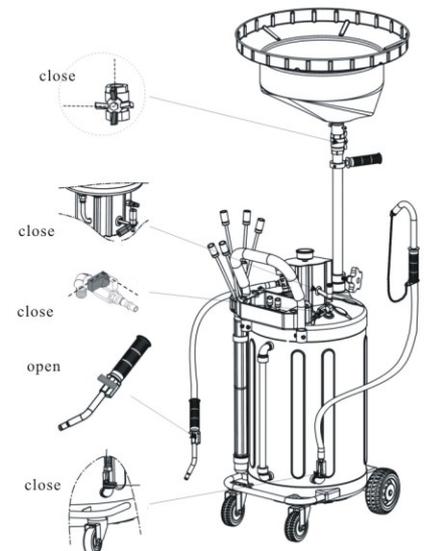


Fig 4

NSW
TEL: (02) 9939 0711
FAX: (02) 9939 0411

QLD/PNG
TEL: (07) 3889 8480
FAX: (07) 3889 8490

VIC/TAS
TEL: (03) 8787 8288
FAX: (03) 8787 8266

WA
TEL: (08) 9209 3066
FAX: (08) 9209 3933

SA/NT
TEL: (08) 8241 7111
FAX: (08) 8241 7011

NZ
TEL: (09) 447 1007
FAX: (09) 447 1008

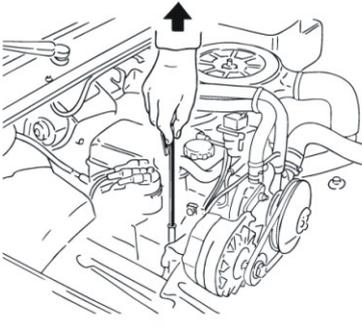


Fig 5

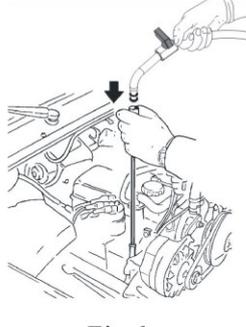


Fig 6

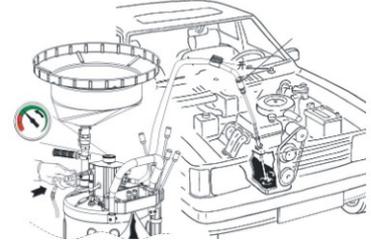


Fig 7

CAUTION:

1. Never fill the reservoir over the maximum level indicated by the level gauge(#0030) that is located on the side of the reservoir.
2. Do not fill the waste oil cup full.(#0052) (Fig9).

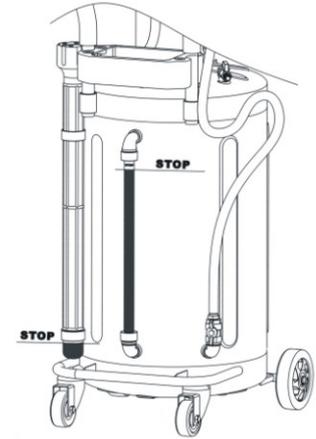
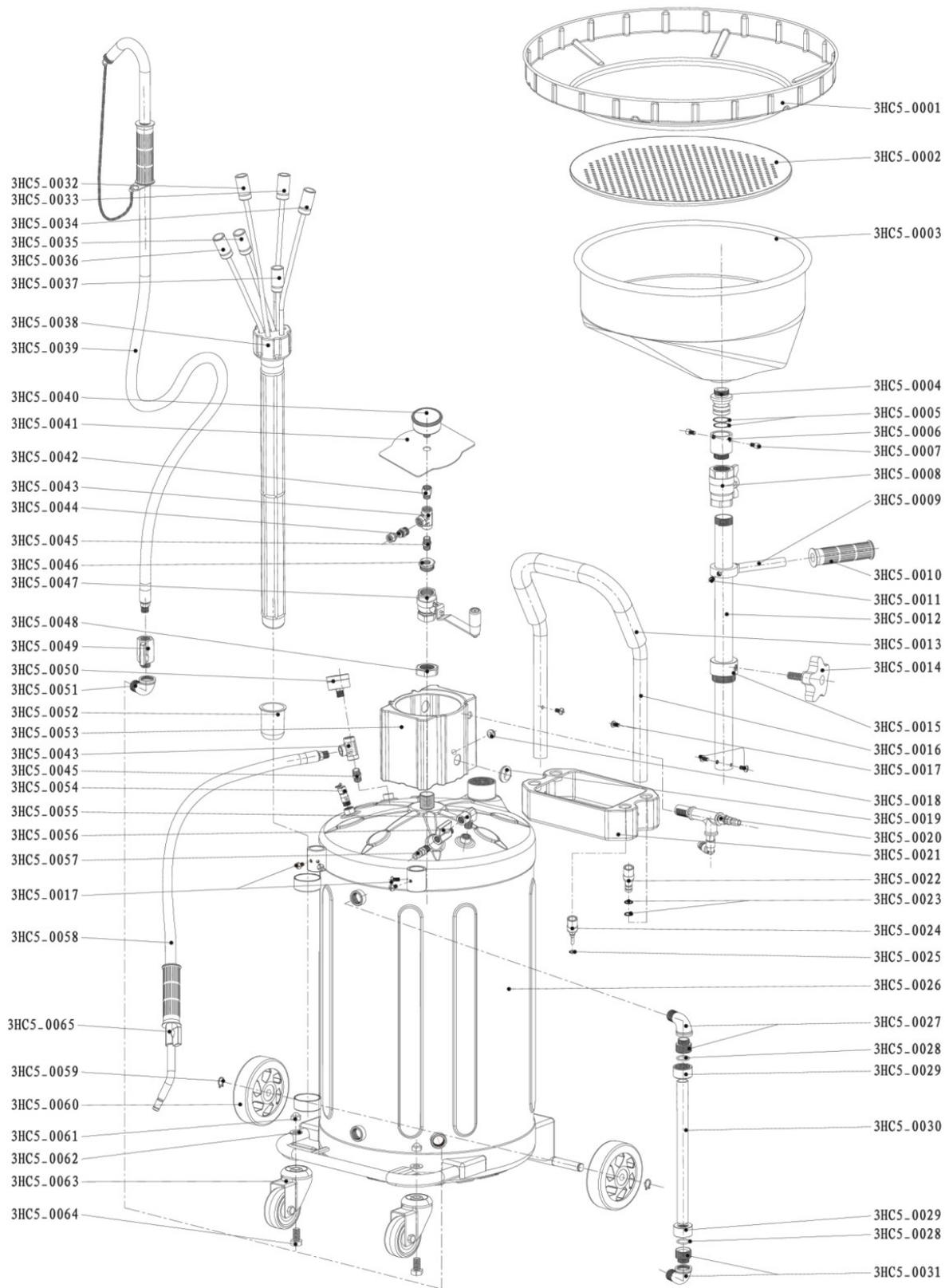


Fig 9

Parts and Drawing Breakdown For The 30100



NSW
TEL: (02) 9939 0711
FAX: (02) 9939 0411

QLD/PNG
TEL: (07) 3889 8480
FAX: (07) 3889 8490

VIC/TAS
TEL: (03) 8787 8288
FAX: (03) 8787 8266

WA
TEL: (08) 9209 3066
FAX: (08) 9209 3933

SA/NT
TEL: (08) 8241 7111
FAX: (08) 8241 7011

NZ
TEL: (09) 447 1007
FAX: (09) 447 1008

Ordering Spare Parts

Parts List – Part No. 30100

Item	Description	Quantity	Item	Description	Quantity
3HC5_0001	extension funnel	1	3HC5_0034	probe 6x700 flexible	1
3HC5_0002	strainer	1	3HC5_0035	probe 6x700 metal	1
3HC5_0003	collection bowl	1	3HC5_0036	probe 7x1000 flexible	1
3HC5_0004	swivel connector	1	3HC5_0037	probe 8x700 flexible	1
3HC5_0005	o-ring	2	3HC5_0038	probe container	1
3HC5_0006	swivel connector	1	3HC5_0039	draining hose	1
3HC5_0007	nut	2	3HC5_0040	vacuum meter	1
3HC5_0008	ball valve	1	3HC5_0041	cover plate	1
3HC5_0009	lift handle bar	1	3HC5_0042	adapter	1
3HC5_0010	handle sleeve	1	3HC5_0043	T-adapter	1
3HC5_0011	screw	1	3HC5_0044	adapter	1
3HC5_0012	extension tube	1	3HC5_0045	adapter	1
3HC5_0013	handle sleeve	1	3HC5_0046	screw	1
3HC5_0014	rotating handle	1	3HC5_0047	ball valve	1
3HC5_0015	joint	1	3HC5_0048	nut	1
3HC5_0016	handle	1	3HC5_0049	ball valve	1
3HC5_0017	screw	8	3HC5_0050	gauge	1
3HC5_0018	protection cup	1	3HC5_0051	adapter	1
3HC5_0019	protection cup	1	3HC5_0052	waste oil cup	1
3HC5_0020	vacuum pump	1	3HC5_0053	plastic cover	1
3HC5_0021	tool tray	1	3HC5_0054	safety valve	1
3HC5_0022	connector for probes (Volkswagen)	1	3HC5_0055	adapter	1
3HC5_0023	o-ring	2	3HC5_0056	ball valve	1
3HC5_0024	connector for probes (BMW)	1	3HC5_0057	plug	1
3HC5_0025	o-ring	1	3HC5_0058	suction tube	1
3HC5_0026	reservoir	1	3HC5_0059	clamp	2
3HC5_0027	level gauge adapter 1	1	3HC5_0060	wheel	2
3HC5_0028	o-ring	2	3HC5_0061	nut	2
3HC5_0029	screw	1	3HC5_0062	washer	2
3HC5_0030	level gauge	1	3HC5_0063	castor	2
3HC5_0031	level gauge adapter 3	1	3HC5_0064	threader rod	2
3HC5_0032	probe 5x700 flexible	1	3HC5_0065	ball valve	1
3HC5_0033	probe 5x700 metal	1			

NSW
TEL: (02) 9939 0711
FAX: (02) 9939 0411

QLD/PNG
TEL: (07) 3889 8480
FAX: (07) 3889 8490

VIC/TAS
TEL: (03) 8787 8288
FAX: (03) 8787 8266

WA
TEL: (08) 9209 3066
FAX: (08) 9209 3933

SA/NT
TEL: (08) 8241 7111
FAX: (08) 8241 7011

NZ
TEL: (09) 447 1007
FAX: (09) 447 1008