

DESCRIPTION

Model 30091 is suitable for extracting the engine oil from any motor vehicle by suction hose with the probes.

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 12L transparent chamber allows the quantity and quality of the sucked oil to be reviewed and controlled immediately.

The unit comes complete with a 80L capacity reservoir and includes a tyre gauge and a safety valve to avoid over pressure.

SPECIFICATIONS

| | |
|-------------------|--|
| Uses | Extracts and captures waste oil from crankcases, transmissions and differentials |
| Tank Capacity | Holding tank capacity of 80 litres |
| Draining Pressure | 14psi |

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 components of the equipment.
- Only use original spare parts.
- Our technical office is at you full disposal for any information you may need.

OPERATING INSTRUCTIONS

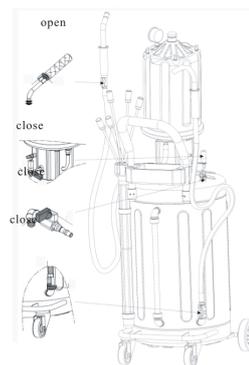
Setting up for the oil suction

- Close the valve #0014
- Close the valve #0051
- Close the valve #0060
- Open the valve #0044

Connect shop air (8 bar) to vacuum pump male adapter(#0021), 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 1)

Operation

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



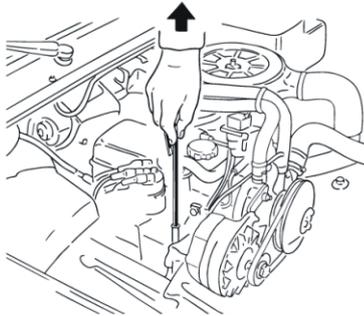
(Fig 1)



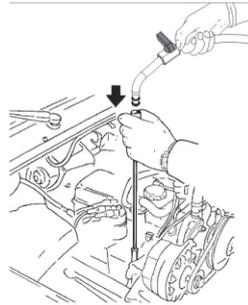
With the engine still warm, remove the dipstick and insert the largest possible probe as far down as it will go.(Fig 2)

Connect the suction hose to the probe. (Fig3)

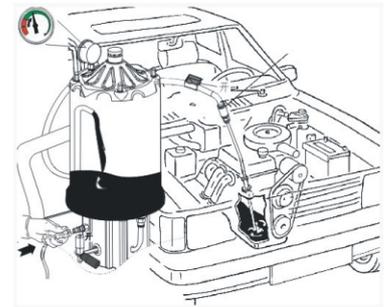
Open the ball valve on the suction hose , the oil is sucked from the sump into the graduated transparent chamber where it can be inspected for quantity and quality. As soon as the sump is emptied, close ball valve (Fig 4).



(Fig 2)



(Fig 3)



(Fig 4)

Emptying the Reservoir

Close the valve #0014

Close the valve #0060

Open the valve #0051

Open the valve #0044

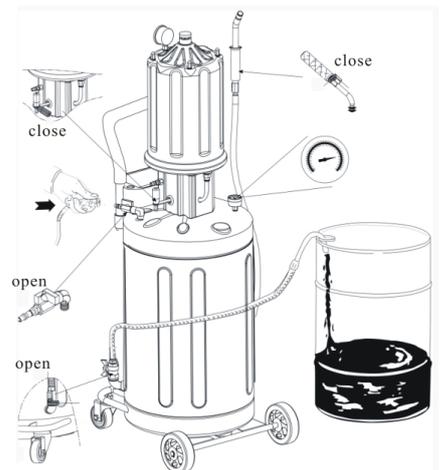
Before draining the oil, close the ball valve (#0014, #0060).

Attach the end of the drain hose to a suitable waste oil container.

Connect (0,5Bar) shop air to quick plug (#0052) and open the ball valve (#0051) and open ball valve (#0044). (Fig 5)

After the fluids have been transferred from the unit's reservoir tank, close ball valve (#0044).

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

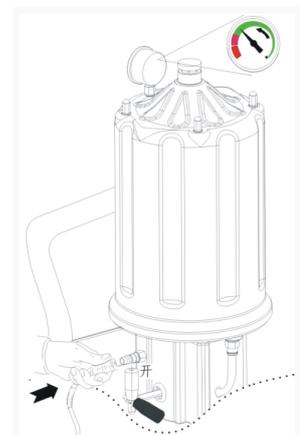


(Fig 5)

There are two ways to use the equipment:

1. After activation close ball valve (#0014), the oil will be sucked by using only the vacuum of the transparent reservoir. In this way it is possible to suck about 12L (2/3 of the transparent chamber capacity.)

Open the valve (#0014), the oil is immediately drained into the tank and in the meantime, the vacuum from the reservoir, will make the transparent chamber ready for another operation. (Fig 6)



(Fig6)

NSW
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FAX: (02) 9939 0411

QLD/PNG
TEL: (07) 3889 8480
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WA
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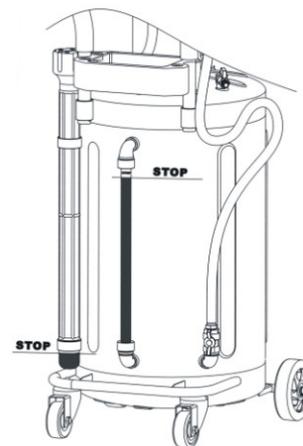
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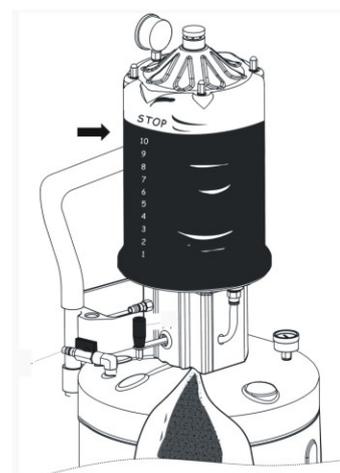
2. It's also possible to suck oil keeping the air hooked up to the device. In this case, before draining the oil from the transparent reservoir, valve (#0014) must be open.

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.(#0045). (Fig7)
3. Do not fill the transparent chamber over the “Stop” mark (#0005) (Fig8)

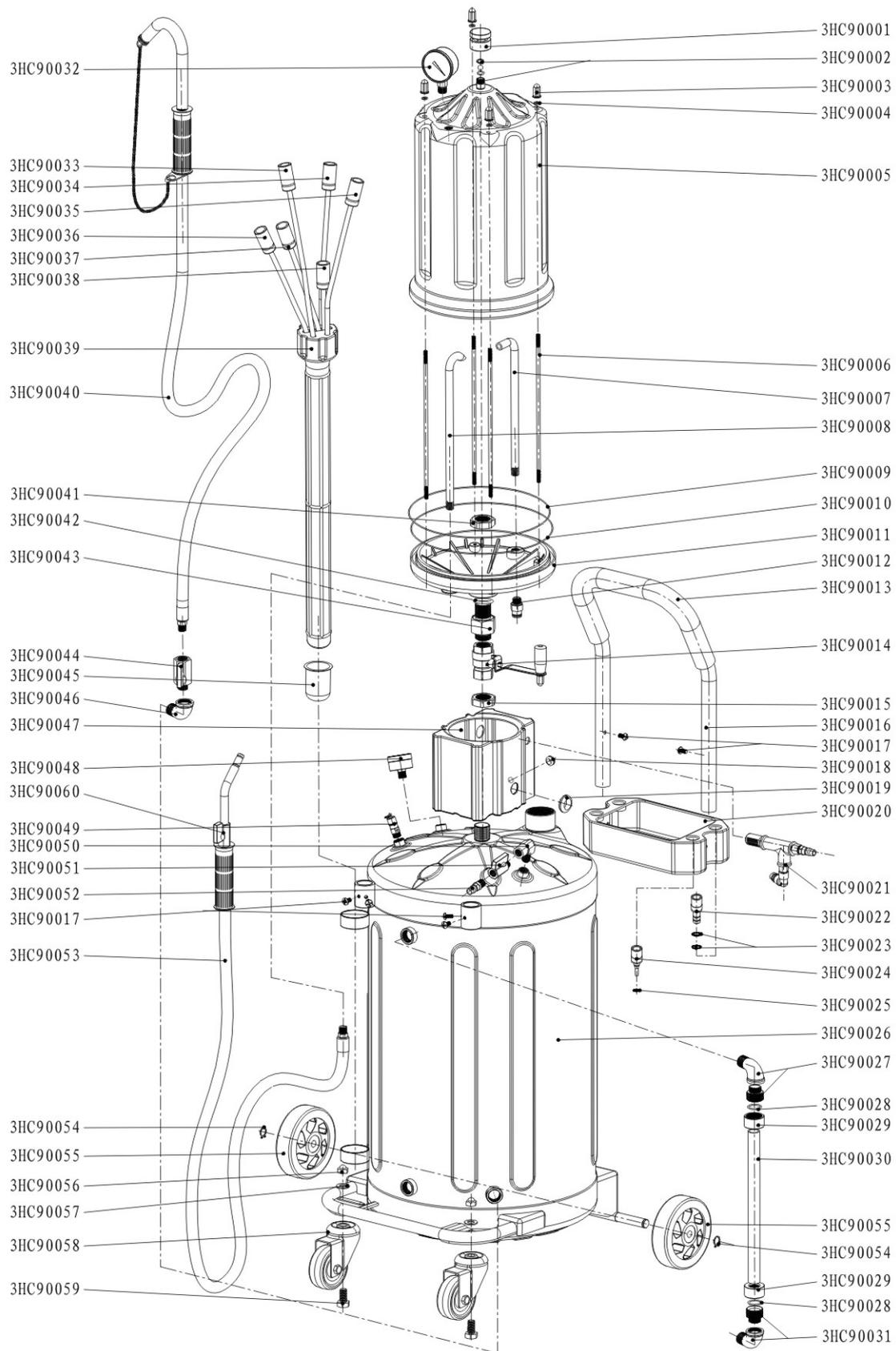


(Fig 7)



(Fig 8)

Parts and Drawing Breakdown For The 30091



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Ordering Spare Parts

Parts List – Part No. 30091

| Item | Description | quantity | Item | Description | quantity |
|----------|--------------------------------------|----------|----------|------------------------|----------|
| 3HC90001 | valve cup | 1 | 3HC90031 | level gauge adapter 3 | 1 |
| 3HC90002 | anti-explosion valve | 2 | 3HC90032 | vacuum meter | 1 |
| 3HC90003 | nut | 5 | 3HC90033 | probe 5x700 flexible | 1 |
| 3HC90004 | o-ring | 4 | 3HC90034 | probe 5x700 metal | 1 |
| 3HC90005 | chamber | 1 | 3HC90035 | probe 6x700 flexible | 1 |
| 3HC90006 | chamber rod | 1 | 3HC90036 | probe 6x700 metal | 1 |
| 3HC90007 | vacuum tube | 1 | 3HC90037 | probe 7x1000 flexible | 1 |
| 3HC90008 | suction oil tube | 1 | 3HC90038 | probe 8x700 flexible | 1 |
| 3HC90009 | o-ring | 1 | 3HC90039 | scution oil tube | 1 |
| 3HC90010 | o-ring | 1 | 3HC90040 | drainer hose | 1 |
| 3HC90011 | chamber base | 1 | 3HC90041 | nut | 1 |
| 3HC90012 | plug | 1 | 3HC90042 | o-ring | 1 |
| 3HC90013 | handle sleeve | 1 | 3HC90043 | chamber swivel adapter | 1 |
| 3HC90014 | ball valve | 1 | 3HC90044 | ball valve | 1 |
| 3HC90015 | nut | 1 | 3HC90045 | waste oil cap | 1 |
| 3HC90016 | handle | 1 | 3HC90046 | adapter | 1 |
| 3HC90017 | screw | 6 | 3HC90047 | plastic cover | 1 |
| 3HC90018 | protection cup | 1 | 3HC90048 | gauge | 1 |
| 3HC90019 | protection cup | 1 | 3HC90049 | safety valve | 1 |
| 3HC90020 | tool troy | 1 | 3HC90050 | adapter | 1 |
| 3HC90021 | vacuum pump | 1 | 3HC90051 | ball valve | 1 |
| 3HC90022 | connector for probes (Volkswagen) | 1 | 3HC90052 | plug | 1 |
| 3HC90023 | o-ring | 2 | 3HC90053 | suction tube | 1 |
| 3HC90024 | connector for probes (BMW) | 1 | 3HC90054 | clamp | 2 |
| 3HC90025 | o-ring | 1 | 3HC90055 | wheel | 2 |
| 3HC90026 | reservoir | 1 | 3HC90056 | nut | 2 |
| 3HC90027 | level gauge adapter 1 | 1 | 3HC90057 | washer | 2 |
| 3HC90028 | o-ring | 2 | 3HC90058 | castor | 2 |
| 3HC90029 | screw | 2 | 3HC90059 | threader rod | 2 |
| 3HC90030 | o-ring | 1 | 3HC90060 | ball valve | 1 |

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