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OIL SUCTION PROGRAM WITH COLLECTING TANK

- Pumps for extracting, filling and flushing gear oil.
- Made from aluminium and plastic.
- Oil-resistant collection tanks

PRESSURE AND VACUUM PUMP, FOR THE SUCTION, THE REFILLING AND THE SCAVENGE OF GEARBOX-OIL



item number :

HAP 01.1 (060410)

DESCRIPTION

- Pressure and vacuum pump, aluminium version, for the suction, the refilling and the scavenge of gearbox-oil.
- The facility for extracting and refilling gearbox oil is provided by two connecting nipples.
- pressure performance min. 2 bar
- vacuum performance appr. 0.8 bar
- 2 connections PRESSURE or VACUUM
- used in conjunction with collecting tank HAP 15
- A container HAP 15 with contents scale (1.5 l capacity), which can be connected to the unit, permits the temporary storage of the oil.

SCOPE OF DELIVERY

- Delivery in paper box.

GEAR OIL FILLING PUMP



item number :

GFP 01 (060430_1)

DESCRIPTION

- The gear oil filling pump with light metal construction is ideal for filling various manual transmission types, transfer gearboxes and differentials with gear oil.
- The various GFPA .. gear oil filling adapters can be used for diverse vehicle manufacturers and can be safely and rapidly replaced via a quickconnect coupling at the filling hose.
- Discharge-safe work is possible with the closable ball valve.
- A plastic container with scale and 10 litre capacity enables filling in one work process.

SCOPE OF DELIVERY

- 1 gear oil filling pump with filling hose, length 2.00 m (6.6 ft)
- 1 plastic container, 10 litre capacity
- 5 gear oil filling adapters VW and Audi
- (3) GFPA 03 (060435_1) short angle form (VW/Audi)
- (4) GFPA 04 (060436_1) medium angle form (VW/Audi)
- (5) GFPA 05 (060437_1) thread M 10x1 (VW/Audi)
- (6) GFPA 06 (060438_1) thread M 24x1,5 (VW/Audi)
- (7) GFPA 07 (060439_1) thread M 22x1,5 (VW/Audi)

EQUIPMENT

- (1) GFPA 01 (060433_1) thread 1/8"-27 NPT (Ford)
- (2) GFPA 02 (060434_1) long angle form (BMW)
- (8) GFPA 08 (060440_1) thread M 12x1.5 (MB)
- (9) GFPA 09 (060441_1) thread M 18x1.5 (Toyota)
- (10) GFPA 10 (060442_1) thread M 30x1.5 (VW/Audi)

SPARE PARTS

- GFPP 01 (060431_1) gear oil filling pump with filling hose, length 2.00 m (6.6 ft)
- GFPB 10 (060432_1) plastic container, 10 litre capacity
- GFPK 01 (060443_1) clamp for gear oil filling pump in container cap.

GEAR OIL FILLING PUMP WITHOUT ADAPTERS



item number :

GFP 01.1 (060430_3)

DESCRIPTION

- The gear oil filling pump with light metal construction is ideal for filling various manual transmission types, transfer gearboxes and differentials with gear oil.
- The various GFPA .. gear oil filling adapters can be used for diverse vehicle manufacturers and can be safely and rapidly replaced via a quickconnect coupling at the filling hose. Discharge-safe work is possible with the closable ball valve.
- A plastic container with scale and 10 litre capacity enables filling in one work process.

SCOPE OF DELIVERY

- 1 gear oil filling pump with filling hose, length 2.00 m (6.6 ft)
- 1 plastic container, 10 litre capacity

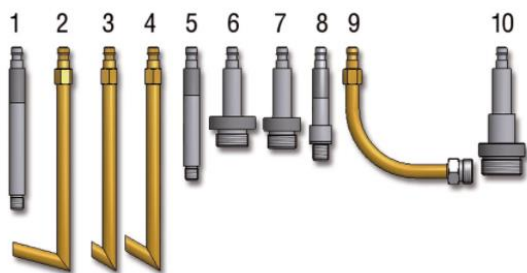
EQUIPMENT

- (1) GFPA 01 (060433_1) thread 1/8"-27 NPT (Ford)
- (2) GFPA 02 (060434_1) long angle form (BMW)
- (3) GFPA 03 (060435_1) short angle form (VW/Audi)
- (4) GFPA 04 (060436_1) medium angle form (VW/Audi)
- (5) GFPA 05 (060437_1) thread M 10x1 (VW/Audi)
- (6) GFPA 06 (060438_1) thread M 24x1.5 (VW/Audi)
- (7) GFPA 07 (060439_1) thread M 22x1.5 (VW/Audi)
- (8) GFPA 08 (060440_1) thread M 12x1.5 (MB)
- (9) GFPA 09 (060441_1) thread M 18x1.5 (Toyota)
- (10) GFPA 10 (060442_1) thread M 30x1.5 (VW/Audi)

SPARE PARTS

- GFPP 01 (060431_1) gear oil filling pump with filling hose, length 2.00 m (6.6 ft)
- GFPB 10 (060432_1) plastic container, 10 litre capacity
- GFPA 01 (060443_1) clamp for gear oil filling pump in container cap.

ADAPTERS FOR GEAR OIL FILLING PUMP



item number :
GFPA

DESCRIPTION

Available adapters for gear oil filling pump:

No	Code	suitable for
1	GFPA 01 060433_1	thread 1/8"-27 NPT (Ford)
2	GFPA 02 060434_1	long angle form (BMW)
3	GFPA 03 060435_1	short angle form (VW/Audi)
4	GFPA 04 060436_1	medium angle form (VW/Audi)
5	GFPA 05 060437_1	thread M 10x1 (VW/Audi)
6	GFPA 06 060438_1	thread M 24x1,5 (VW/Audi)
7	GFPA 07 060439_1	thread M 22x1,5 (VW/Audi)
8	GFPA 08 060440_1	thread M 12x1,5 (MB)
9	GFPA 09 060441_1	thread M 18x1,5 (Toyota)
10	GFPA 10 060442_1	thread M 30x1,5 (VW/Audi)

VACUUM BRAKE BLEEDER



item number :

VB 01 (100801_1)

DESCRIPTION

- For quick, safe and mobile extraction of liquids such as water, coolant, brake fluid, oil (engine oil, compressor oil, gear oil), diesel etc.
- Particularly useful when bleeding the brakes, extracting engine / gear oil or bleeding the fuel line when changing the filter (diesel)
- The special design, the large intake/suction volume of approx. 8 litres of liquid per vacuum, the integrated release valve, the safety valve as well as the impact-proof and unbreakable plastic enable safe use, both mobile and stationary
- A venturi nozzle with connection to the workshop compressed air supply creates a vacuum in the vacuum box. The evacuated box stores the vacuum, is separated from the workshop compressed air supply and can be used on the go
- The suction process takes place at the respective place of use by opening the inlet valve on the suction hose
- Only applicable for vacuum!
- Not permitted for highly flammable liquids!

SCOPE OF DELIVERY

- 1 vacuum box
- 1 venturi tube
- 1 extraction hose with connector, 2.50 m (8.2 ft)
- 1 rubber angled adapter (UNW 01)

EQUIPMENT

- VBA engine oil adapter
- VBA 04 universal adapter hose extra thin
- ET 368 ventilation supplement set (CDI) for vacuum boxes VB 01, VB 01.1

ADAPTER FOR EXTRACTING ENGINE OIL (MB), USABLE IN CONJUNCTION WITH VACUUM BOX VB 01/VB 01.1



item number :

VBA 011 (100804_1)

DESCRIPTION

- Fast, simple and mobile extraction of engine oil in connection with the vacuum boxes VB 01/VB 01.1
- Suitable for Mercedes Benz vehicles where the oil dipstick tube extends to the bottom of the oil pan
- Extraction of engine oil possible without further aids such as lifting platform, suction pump or tools thanks to vacuum box

- For universal use.

EQUIPMENT

- VB 01 Vacuum-Box
- VB 01.1 Vacuum box with level indicator
- VBA 012 Adapter for extracting engine oil (VW)
- VBA 013 Adapter for extracting engine oil (BMW)

ADAPTER FOR EXTRACTING ENGINE OIL (VW), USABLE IN CONJUNCTION WITH VACUUM BOX VB 01/VB 01.1



item number :

VBA 012 (100805_1)

DESCRIPTION

- Fast, simple and mobile extraction of engine oil in connection with the vacuum boxes VB 01/VB 01.1
- Suitable for VW vehicles where the oil dipstick tube extends to the bottom of the oil pan
- Extraction of engine oil possible without further aids such as lifting platform, suction pump or tools thanks to vacuum box
- For universal use.

ADAPTER FOR EXTRACTING ENGINE OIL (BMW), USABLE IN CONJUNCTION WITH VACUUM BOX VB 01/VB 01.1



item number :

VBA 013 (100806_1)

DESCRIPTION

- Fast, simple and mobile extraction of engine oil in connection with the vacuum boxes VB 01/VB 01.1
- Suitable for BMW vehicles where the oil dipstick tube extends to the bottom of the oil pan
- Extraction of engine oil possible without further aids such as lifting platform, suction pump or tools thanks to vacuum box
- For universal use.

VACUUM PUMP WITH TRANSPARENT HOSE CONNECTABLE



item number :

HAP 01.2 (060411_1)

DESCRIPTION

- Vacuum pump, plastic version with transparent hose connectable, can be used in combination with collecting tank HAP 15 (not included).
- vacuum performance 0.85 bar.
- length of hose 0,5 m.
- used in conjunction with collecting tank HAP 15

SCOPE OF DELIVERY

- 1 vacuum pump
- 1 transparent suction hose, 0.50 m long (20 in.) with nipple
- Delivery in paper box.

VACUUM PUMP INCL. COLLECTING TANK 1.5 L



item number :

HAP 03 (060406)

DESCRIPTION

- Set consisting of vacuum pump HAP 01.2 (060411) in a plastic version for extracting oil or diesel fuel
- Vacuum output -0.85 bar
- Hose length 0.50 m
- And collection container HAP 15 (060408) oil-resistant 1.5 l plastic collection container
- With scaling in 250 ml increments
- Including quick coupling for connection to hand suction pumps HAP 01.1 and HAP 01.2.

PRESSURE AND VACUUM PUMP SET (ALUMINIUM VERSION, 250ML) INCL. COLLECTING TANK 1,5 L



item number :

HAP 05 (060404)

DESCRIPTION

- For quick, easy and clean extraction, filling, flushing and bleeding of oil or diesel fuel systems

- Set consisting of pressure and vacuum pump in aluminium design. Pressure performance min. 2 bar
- Vacuum output approx. 0.8 bar
- Pump volume 250 ml/stroke
- With double connection PRESSURE - VACUUM and collection container HAP 15 oil-resistant 1.5 l plastic collection container
- With scaling in 250 ml increments
- Including transparent suction hose, 2.0 m and quick coupling for connection to hand suction pumps HAP 01.1 and HAP 01.2

SCOPE OF DELIVERY

- 1 HAP 01.1 (060410) Pressure and vacuum pump (Aluminium version)
- 1 HAP 15 (060408) Collecting tank (1,5 L)

COLLECTING TANK, OIL RESISTANT, VOLUME 1.5 L



item number :

HAP 15 (060408)

DESCRIPTION

- Collecting tank, oil resistant, volume 1.5 l, provided with scale in 250-ml-graduation.
- Connection with Hand pumps HAP 01.1 and HAP 01.2 is effected by means of quick coupling.
- For complete Versions, please refer to the following table:

SCOPE OF DELIVERY

- 1 collecting tank
- 1 transparent suction hose, 2.00 m long (6.6 ft).

SPARE PARTS

- ET 282 (121178) collecting tank, volume 1.5 l, without hose connection

TABLE

	HAP 01.1 (060410) Pressure and vacuum pump aluminium version	HAP 01.2 (060411) Vacuum pump plastic version	HAP 15 (060408) Tank volume 1,5 l
HAP 03 (060406) consists of		X	X
HAP 05 (060404) constists of	X		X

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