

OIL DRAINER

No.GOD80E

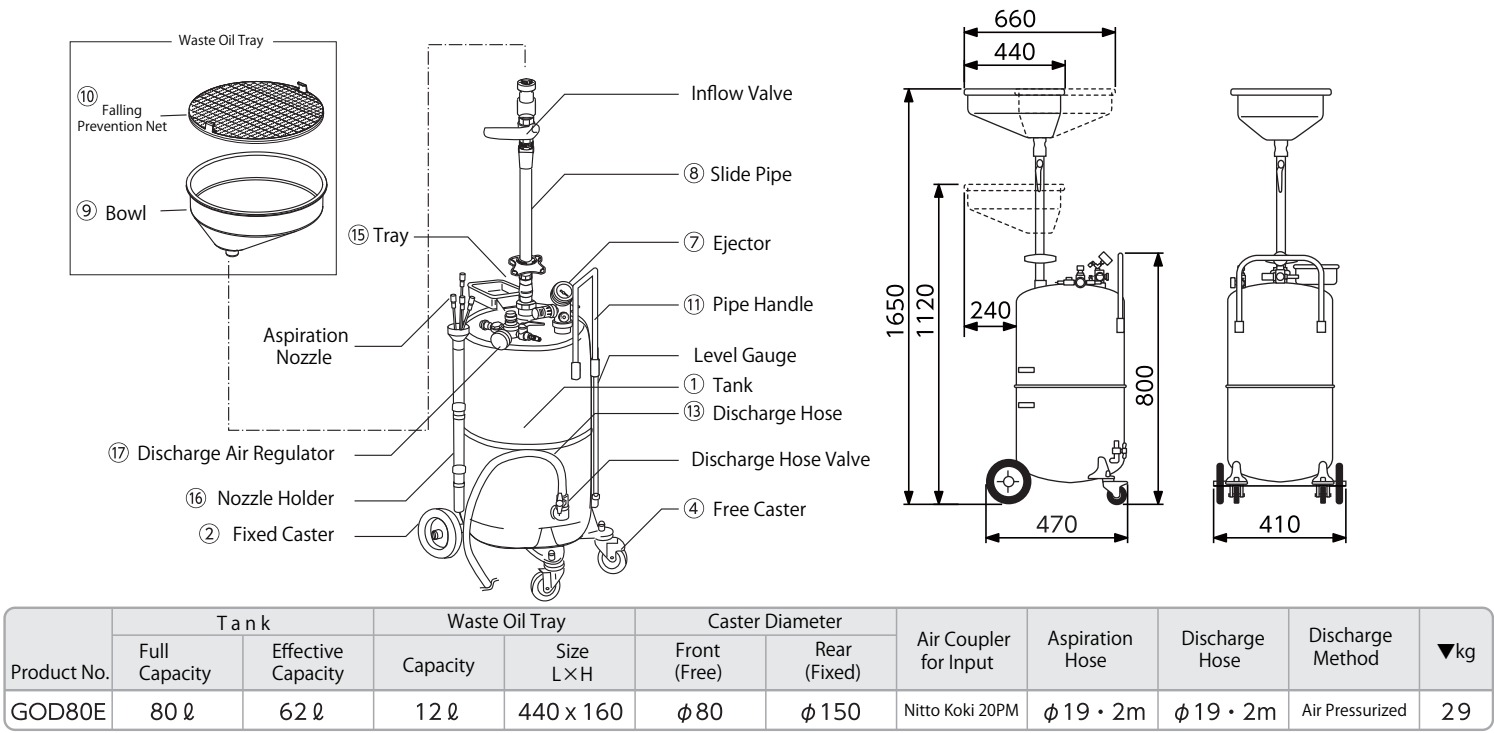
Instruction Manual



CAUTION

- Please store it with the product.
- Wear safety goggles when taking out oil with high temperature.
- Be careful not to get burned.
- Do not alter to it.
- Use KTC genuine products for replacement of parts.
- This product is for automobile oil. Do not use this product for purpose other than its original or modify it.
- Do not pour in strongly inflammable substances (gasoline, thinner, benzene, etc.) or strongly corrosive substances (brake fluid, water, LLC, chemicals, etc.).
- Lock the free casters with brakes at all times except during transfer.
- Fix the pipe handle and the grip on waste oil tray by a fixing strap during transfer.
- Be careful not to fall during transfer.
- Do not use in areas with slopes or rough surfaces.
- Hold the pipe handle and the grip on waste oil tray to transfer the product.
- Do not raise the input air pressure over 1bar while discharging waste oil.
- Be sure to hold on to the discharge hose since the nozzle vibrates while waste oil is discharged.
- Be careful not to shut in hands between dial nuts, during adjustment the height of waste oil tray.

Structure and Part Names



Packaged Contents

No	Parts Name	Q'TY	No	Parts Name	Q'TY
1	Tank	1	11	Pipe Handle	1
2	Fixed Caster	2	12	Bolt for Pipe Handle	2
3	Fixed Caster C-Ring	2	13	Discharge Hose	1
4	Free Caster	2	14	Band for Discharge Hose	1
5	Washer for Free Caster	2	15	Tray	1
6	Nut for Free Caster	2	16	Nozzle Holder	1
7	Ejector Assy and Aspiration Hose	1	17	Discharge Air Regulator	1
8	Slide Pipe	1	18	O-Ring for Discharge Air Regulator	2
9	Waste Oil Tray	1	19	Bolt	1
10	Falling Prevention Net	1	20	Instruction Manual	1

Attached ; Aspiration Nozzle	Parts No.	Q'TY
Flexible Aspiration Nozzle φ5 x 700	GOD-5x700F	1
Flexible Aspiration Nozzle φ6 x 700	GOD-6x700F	1
Flexible Aspiration Nozzle φ8 x 700	GOD-8x700F	1
Flexible Aspiration Nozzle φ7 x 1000	GOD-7x1000F	1
Metal Aspiration Nozzle φ5 x 700	GOD-5x700M	1
Metal Aspiration Nozzle φ6 x 700	GOD-6x700M	1
Aspiration Adapter for VW	GOD-ADA	1
Aspiration Adapter for BMW	GOD-ADB	1

Application

- Vehicle up to 2 ton truck

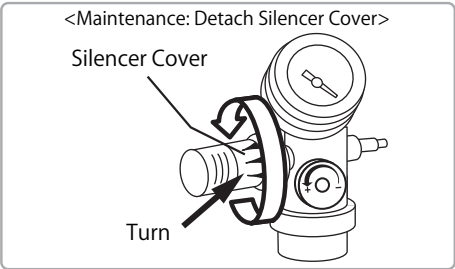
Storage

- Remove the air hose, winding up the aspiration hose and applied to the handle.
- House aspiration nozzle in a holder.
- Leave no waste oil in the tank during long-term storage.
- Keep it in a flat place.

Do not store while pressurizing the tank.

Maintenance

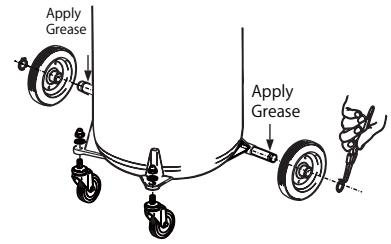
- Detach silencer cover of ejector periodically and remove stains.



How to Assemble

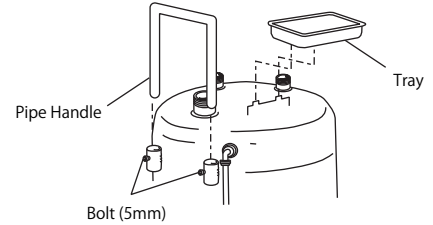
① Attach the caster

- Attach fixed caster to the shaft of tank behind with C-Ring.
- Attach free caster with nut to front hole.



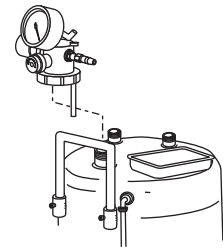
② Attach pipe and tray

- Fix pipe handle with bolt (5mm).
- Mount tray to tank.



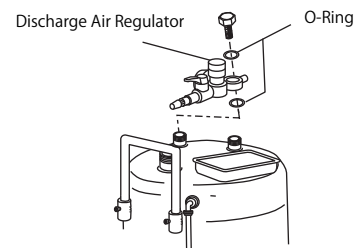
③ Attach ejector assy

- Attach ejector assy to tank (pipe handle side), then fix ring nut with pipe wrench.



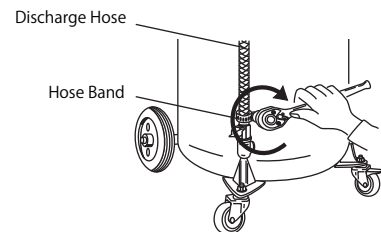
④ Attach discharge air regulator

- Attach discharge air regulator with bolt and O-Ring.



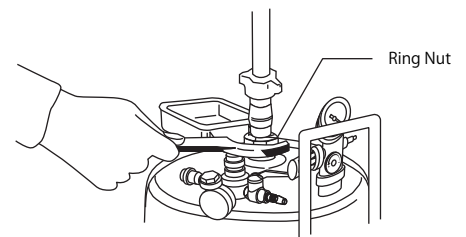
⑤ Attach discharge hose

- Attach discharge hose to discharge hose valve with hose band.



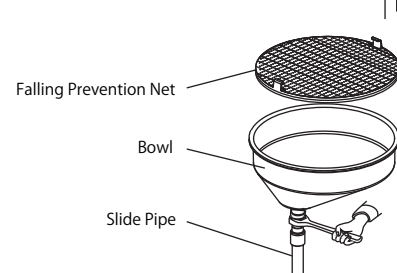
⑥ Attach slide pipe

- Attach slide pipe to tank.



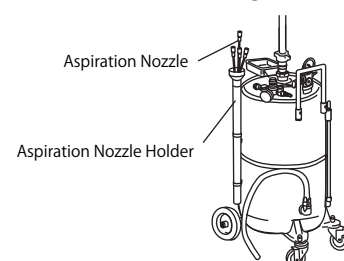
⑦ Attach waste oil tray

- Screw bowl to slide pipe, then fix with wrench.
- Insert falling prevention net to bowl.



⑧ Attach nozzle holder

- Attach nozzle holder to side of tank, then put each aspiration nozzle into holder.

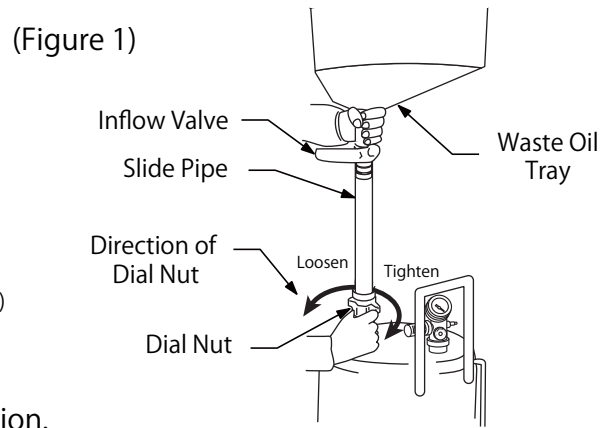


How to Use

■ How to Downward Draining

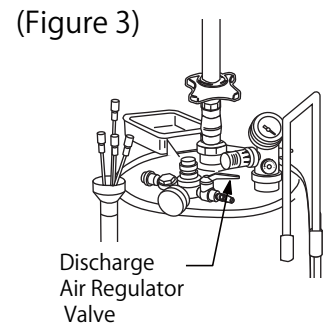
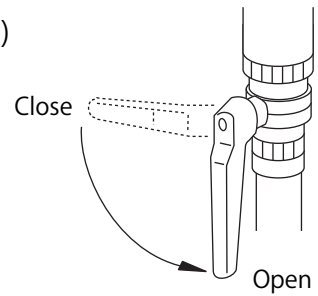
○Adjust the Height of Waste Oil Tray

1. Put an oil drainer at horizontal and stable place.
2. Hold the waste oil tray by hand to prevent it from dropping off.
3. Loosen dial nut. (Figure 1)
4. Adjust the height of waste oil tray according to drain plug's position.
5. Tighten dial nut to fix slide pipe.



○Receive the Waste Oil

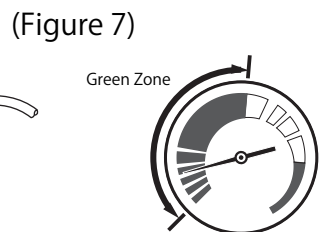
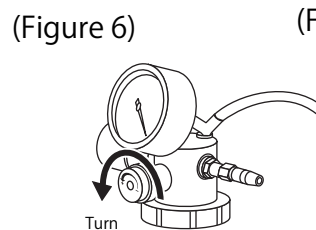
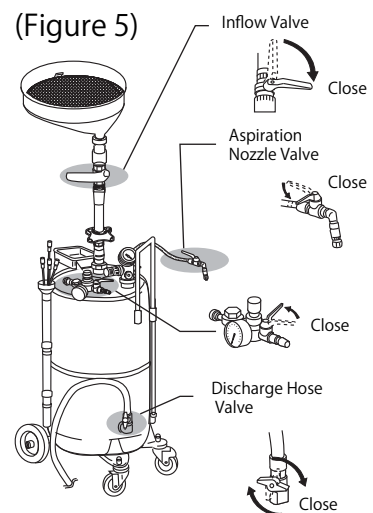
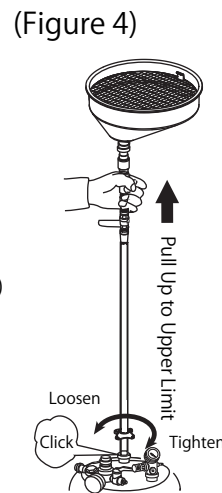
6. Check the inflow valve is open. (Figure 2)
7. Check valve of discharge air regulator is open. (Figure 3)
(For air vent)
8. Check position and direction of drain plug, then remove the drain plug.



■ How to Upward Draining

○Before Work

1. Put an oil drainer at horizontal and stable place.
2. Loosen dial nut and pull up waste oil tray to upper limit.
(Click sound from connection part can be heard) (Figure 4)
3. Close inflow valve, discharge hose valve, aspiration nozzle valve and discharge air regulator valve. (Figure 5)
4. Connect air hose to ejector.
5. Turn dial of ejector counterclockwise fully. (Figure 6)
6. Check that the needle of ejector has reached the green zone. (Figure 7)



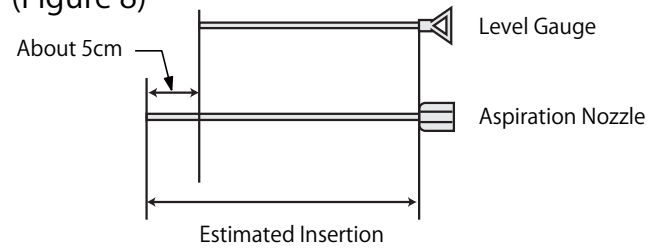
How to Use

■ How to Upward Draining

○Extraction Work

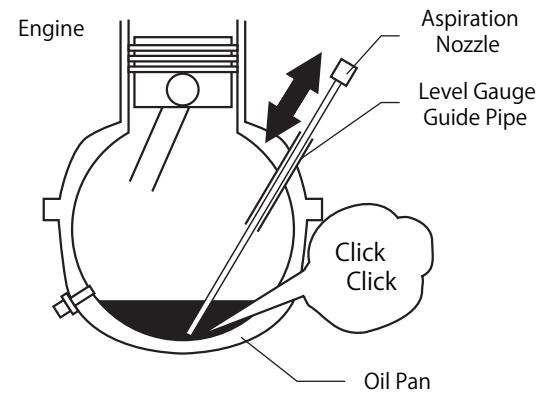
1. Remove an oil filler cap.
2. Pull out the oil level gauge.
3. Select the aspiration nozzle.
4. Insert aspiration nozzle into guide pipe of level gauge.
Stop at the position corresponding plugging away to the oil pan.
5. Remove the nozzle cap of the aspiration hose and connect the aspiration nozzle and the aspiration hose.
6. Open the aspiration nozzle valve then work begins.
7. Close the aspiration hose valve once the aspiration is finished, separate it from aspiration nozzle and then install nozzle cap.
8. Pull out the aspiration nozzle, then return level gauge to guide pipe.

(Figure 8)



<Situation when Aspiration Nozzle touches oil pan>

(Figure 8)

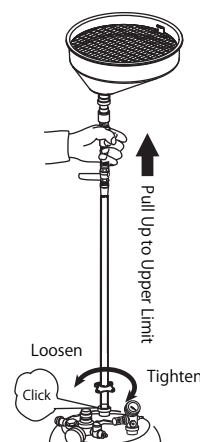


■ How to Discharge Waste Oil

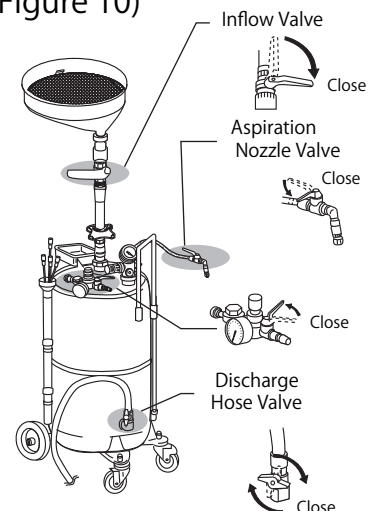
○Prepare for Discharge

1. Loosen dial nut and pull up waste oil tray to upper limit.
(Click sound from connection part can be heard) (Figure 9)
2. Tighten dial nut.
3. Close inflow valve, discharge hose valve, aspiration nozzle valve and discharge air regulator. (Figure 10)
4. Turn dial of ejector clockwise fully. (Figure 11)
5. Remove the nozzle cap of the discharge hose and insert to place for discharging.

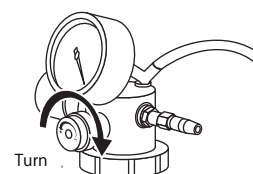
(Figure 9)



(Figure 10)



(Figure 11)



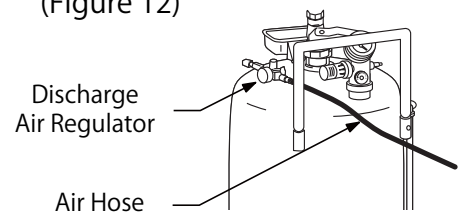
How to Use

■ How to Discharge Waste Oil

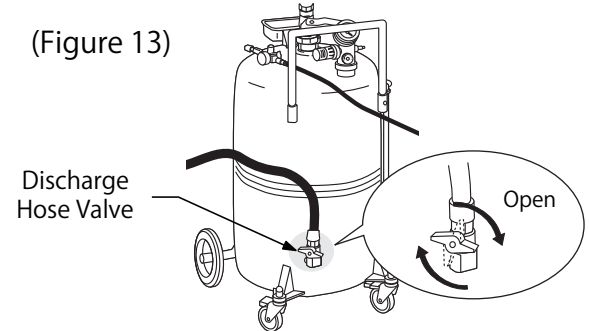
○ Discharge Work

1. Connect air hose to discharge air regulator. (Figure 12)
2. Open discharge hose valve. (Figure 13)
3. Hold the discharge hose by hand to prevent it from coming off of the place for discharging (Drum etc...). (Figure 14)
4. Open discharge air regulator valve slowly. (Figure 15)
5. Once the discharge is finished, close discharge air regulator valve.
6. Remove air hose and after exhaust sound stopped, close discharge hose valve.

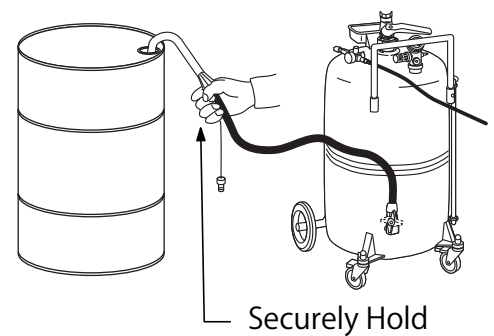
(Figure 12)



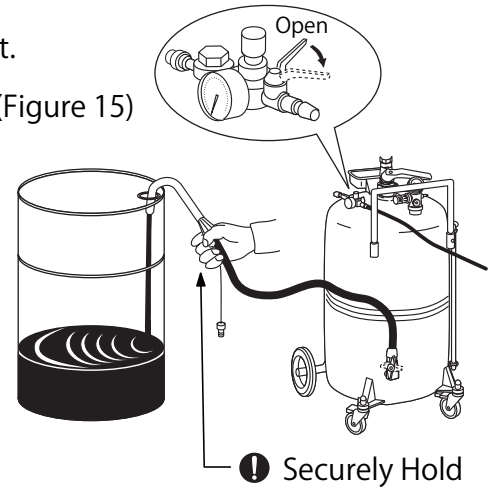
(Figure 13)



(Figure 14)



(Figure 15)

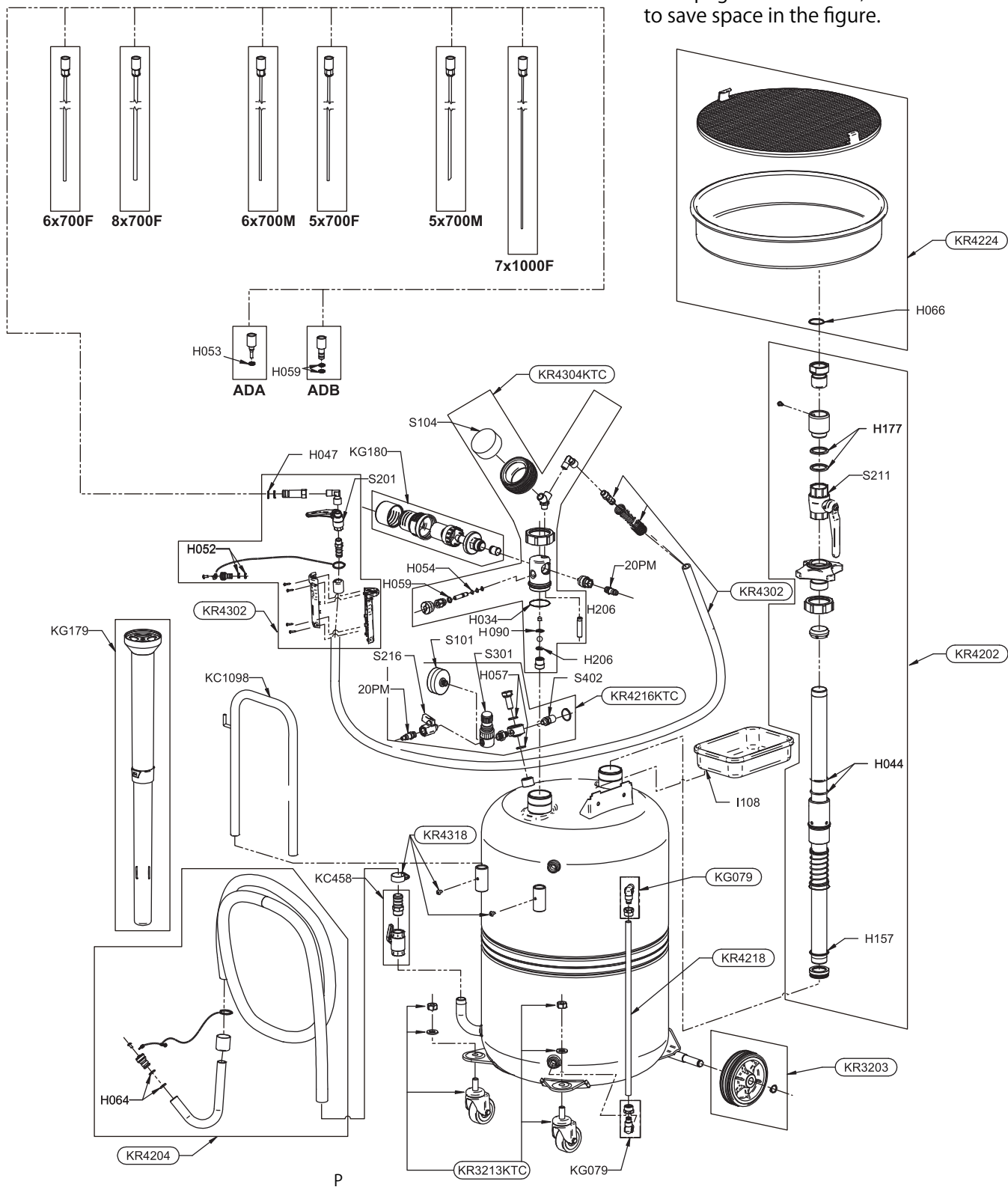


■ How to Move

1. Loosen dial nut of slide pipe and pull down waste oil tray to lower limit.
2. Apply aspiration hose and discharge hose to pipe handle.
3. Hold the discharge hose by hand to prevent it from coming off of the place for discharging (Drum etc...). (Figure 14)
4. Move while holding pipe handle.

SPARE PARTS

※ Though the product number of any parts of this page is GOD-XXXX, "GOD-" is omitted to save space in the figure.



PARTS NAME	PARTS NO.	PCS	PARTS NAME	PARTS NO.	PCS	PARTS NAME	PARTS NO.	PCS
AdapterA	GOD-ADA	1	Discharge Hose Assy	GOD-KR4204	1 Set	O – Ring	GOD-H034	1
AdapterB	GOD-ADB	1	Hose Band for Discharge Hose	GOD-KR4318	1 Set	O – Ring	GOD-H044	2
Flexible Nozzle 5 × 700mm	GOD-5X700F	1	Level Gauge Pipe (for 80 L Tank)	GOD-KR4218	1	O – Ring	GOD-H047	2
Flexible Nozzle 6 × 700mm	GOD-6X700F	1	Aspiration Hose Assy	GOD-KR4302	1 Set	O – Ring	GOD-H052	2
Flexible Nozzle 7 × 1000mm	GOD-7X1000F	1	Silencer Assy	GOD-KG180	1 Set	O – Ring	GOD-H053	1
Flexible Nozzle 8 × 700mm	GOD-8X700F	1	Ejecter Assy	GOD-KR4304KTC	1 Set	O – Ring	GOD-H054	1
Metal Nozzle 5 × 700mm	GOD-5X700M	1	Free Caster ϕ 80 (with Nut)	GOD-3213KTC	1 Set	O – Ring	GOD-H057	2
Metal Nozzle 6 × 700mm	GOD-6X700M	1	Valve for Air Regulator	GOD-S201	1	O – Ring	GOD-H059	3
Air Coupler	GOD-20PM	2	Valve for Discharge Air Regulator	GOD-S216	1	O – Ring	GOD-H064	2
Tray	GOD-I108	1	Inflow Valve	GOD-S211	1	O – Ring	GOD-H066	1
Discharge Hose Valve Assy	GOD-KC458	1 Set	Barometer	GOD-S101	1	O – Ring	GOD-H090	1
Pipe Handle (Straight)	GOD-KC1098	1	Vacuum Gauge	GOD-S104	1	O – Ring	GOD-H157	1
Level Gauge Elbow Assy	GOD-KG079	2 Sets	Air Regulator	GOD-S301	1	O – Ring	GOD-H177	2
Nozzle Holder	GOD-KG179	1	Safety Valve	GOD-S402	1	O – Ring	GOD-H206	1
Fixed Caster ϕ 150 (with Snap Ring)	GOD-KR3203	1 Set	Regulator Assy	GOD-KR4216KTC	1 Set			
Bowl + Falling Prevention Net	GOD-KR4224	1	Slide Pipe Assy	GOD-KR4202	1 Set			



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<http://en.ktc.jp>

