

LOW PROFILE TRUCK DRAIN

TD-68

Congratulations on purchase of this World Class Low Profile Truck Drain !

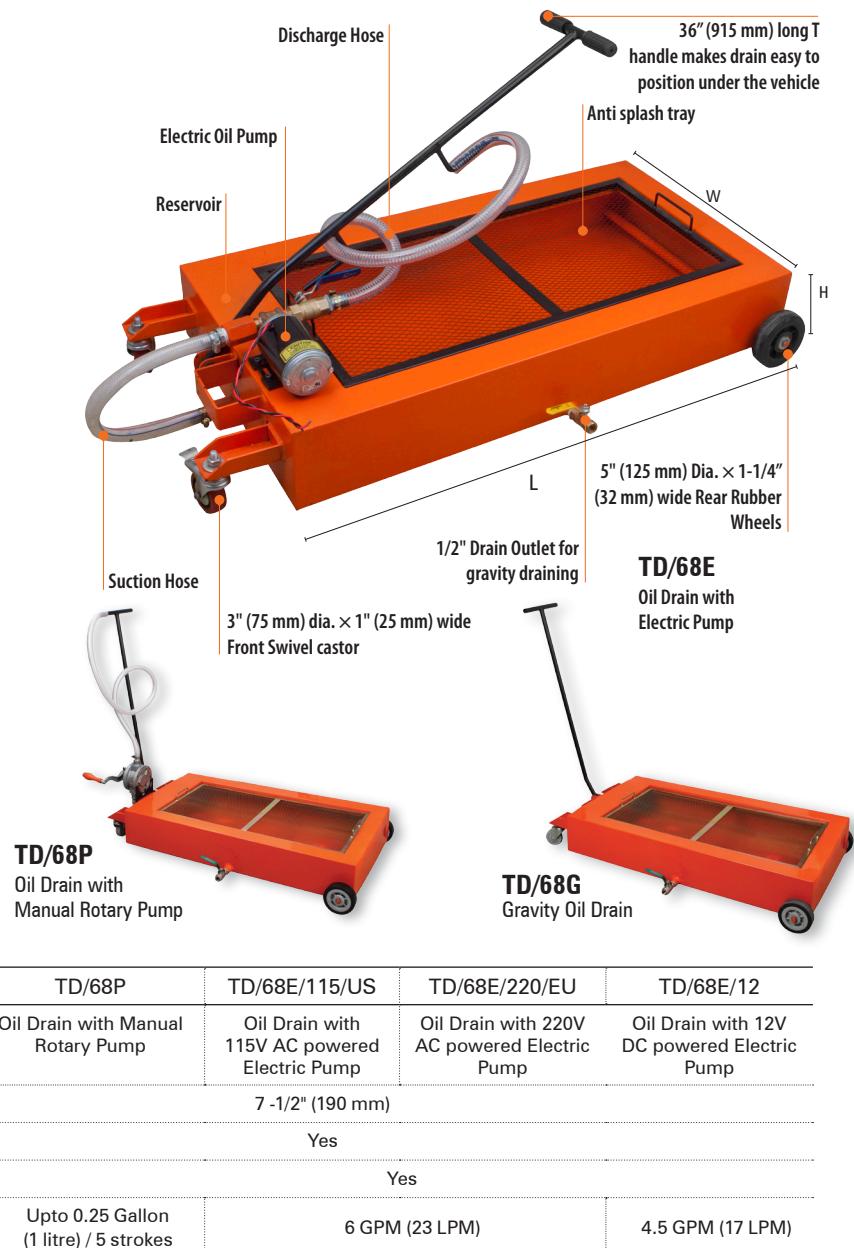
- Designed for use with Heavy-Duty Trucks, Buses, RV's & other low profile automobiles.
- Rugged steel construction makes it ideal for use in heavy duty repair shops.
- With a 7-1/2" (190 mm) ground clearance, this drain fits under most automobiles.
- Drain capacity 18 gallons (68 Litres).
- To Collect waste fluids including motor oil, transmission fluid, coolant etc.

Available in 3 Versions:

1. Gravity Oil Drain
2. With Manual Rotary Pump
Manual rotary pump offers a discharge of upto 0.25 Gallon (1 litre) / 5 turns
3. With Electric Pump
Flexible Impeller design electric pump enables it to pump high viscosity fluid at high flow rate
Duty cycle : 45 min On / 45 min Off

UL Approved Motor

Offers a discharge rate of upto 22 LPM (6GPM)



Specifications

Model	TD/68G	TD/68P	TD/68E/115/US	TD/68E/220/EU	TD/68E/12
Description	Gravity Oil Drain	Oil Drain with Manual Rotary Pump	Oil Drain with 115V AC powered Electric Pump	Oil Drain with 220V AC powered Electric Pump	Oil Drain with 12V DC powered Electric Pump
Truck Drain Height	7 -1/2" (190 mm)				
Discharge hose of 6ft. (72")	Yes				
Feeder Hose of 1.25 ft. (15")	Yes				
Pump Discharge	-	Upto 0.25 Gallon (1 litre) / 5 strokes	6 GPM (23 LPM)		4.5 GPM (17 LPM)

INSTALLATION OF TD/68P

1. Screw both the front swivel castor with the threaded holes provided at the front of the truck drain.



2. After inserting a washer, mount the 2 rear rubber wheels on to the shaft, provided at the rear of the truck drain and lock it using the Cir-clips.



3. Take out the ball valve from the poly bag & screw it on the side wall of drain tank.



4. Place the anti splash tray on the seat provided on the top of the truck drain.



5. Attach the pump mounting bracket using 4 pairs of nut and bolts.



6. Connect the handle to the drain using the nut, bolt and washer.



7. Screw the hose barbs on the inlet and outlet of the rotary barrel pump.



8. Connect one end of feeder hose with the inlet hose barb and the other with the outlet hose barb using the hose clamp).



9. Mount the pump on to the bracket using the nut and bolts.



10. Connect the inlet hose of the pump with the outlet opening at the bottom of the drain, just below the Pump mountings.



11. The front swivel castor can be inserted with 4 washers (depending on the requirement) to balance the Truck Drain over an uneven surface.



! WARNING

- **Do not use the truck drain without the anti splash tray to separate solid particles from the used oil.**
- **Connections of the hose must be secured tightly to avoid any oil spillage.**

INSTALLATION OF TD/68G

1. Screw both the front swivel castor with the threaded holes provided at the front of the truck drain.



2. After inserting a washer, mount the 2 rear rubber wheels on to the shaft, provided at the rear of the truck drain and lock it using the Cir-clips.



3. Place the anti splash tray on the seat provided on the top of the truck drain.



4. Connect the handle to the drain using the nut, bolt, & washer.



5. Take out the ball valve from the poly bag & screw it on the side wall of drain tank.



- The smaller wheel can be inserted with 4 washers (depending on the requirement) to balance the Truck Drain over an uneven surface.



INSTALLATION OF TD/68E

- Unwrap the box and take out the Truck Drain.



- Check for the contents inside the box. It includes Truck Drain, Electric pump, Anti-Splash Screen, Flexible Discharge Hose, Feeder Hose with 2 hose clamps attached, Handle, 1 Hose Clamp.



- Take out the ball valve from the poly bag & screw it on the side wall of drain tank.



- Take out the pump from the box & assemble it on the drain tank using 4 nuts, bolts and washer.



- Screw 2 end fittings on both sides of electric pump.



- Connect one end of feeder hose with drain of the tank and other end to the inlet of electric pump and tighten the hose barb



- Connect the discharge hose with the pump outlet and tighten the hose barb



- Screw the front swivel castor on to the holder using the nuts and bolts provided with the pack



- Screw both the front swivel castor with the threaded holes provided on the back end of the truck drain



- Mount the 2 rear rubber wheels on to the shaft, provided on the front of the truck drain and lock it using the Cir-clips.



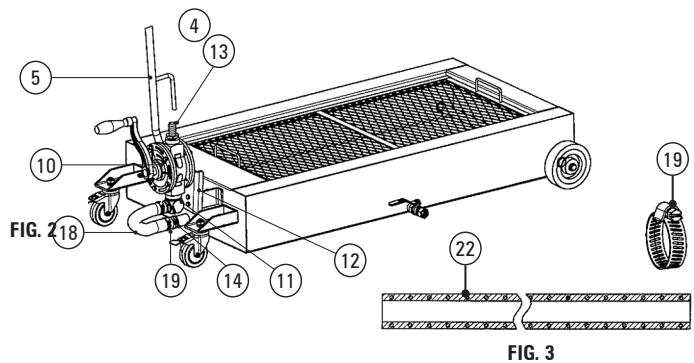
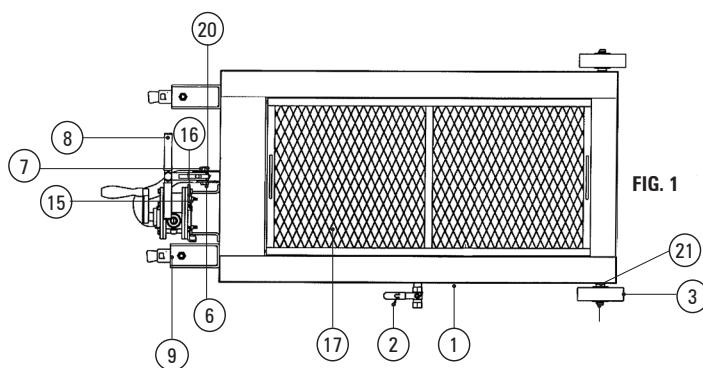
- Place the Anti splash tray on the seat provided on the top of the truck drain.



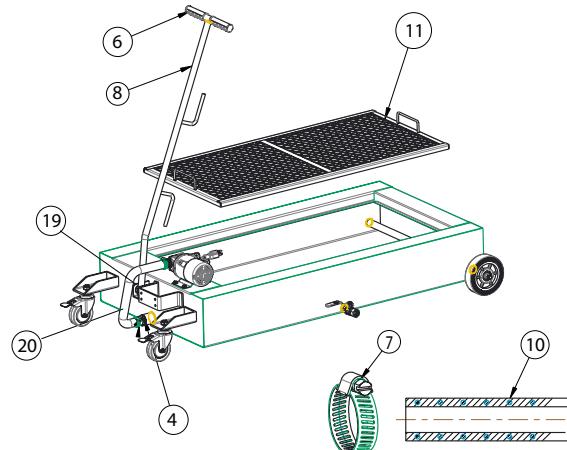
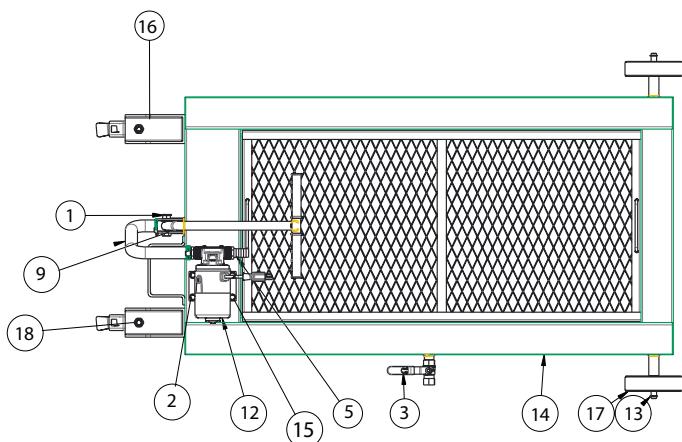
- Connect the handle to the drain using nut, bolt & washer attached



EXPLODED VIEW (TD/68G & TD/68P)



EXPLODED VIEW (TD/68E)



PARTS LIST (TD/68G & TD/68P)

REF. NO.	DESCRIPTION	TD/68G	TD/68P	QTY.
1	Drain Tank	✓	✓	1
2	Ball Valve	✓	✓	1
3	Rear Rubber Wheel	✓	✓	2
4	Cir-clip	✓	✓	2
5	Handle	✓	✓	1
6	Bolt	✓	✓	1
7	Nyloc Nut	✓	✓	1
8	Grip	✓	✓	2
9	Front Swivel Castor	✓	✓	2
10	Hand Rotary Pump	✗	✓	1
11	Bracket	✗	✓	1
12	Spring washer	✗	✓	3
13	End Fitting	✗	✓	3

14	Adaptor	×	✓	1
15	Bolt	×	✓	4
16	Prevailing Torque Flange Nut	×	✓	4
17	Anti Splash Screen	✓	✓	1
18	Feeder Hose	×	✓	1
19	Hose Clamp	×	✓	3
20	Washer (Handle)	✓	✓	2
21	Washer	✓	✓	4
22	Discharge Hose	✓	✓	1

PARTS LIST TD/68E

REF. NO.	DESCRIPTION	TD/68E	QTY.
1	Bolt	✓	1
2	Bolt (M-6)	✓	4
3	Ball Valve	✓	1
4	End Fitting (Inlet)	✓	1
5	End Fitting	✓	2
6	Grip	✓	2
7	Hose Clamp	✓	3
8	Handle	✓	1
9	Nyloc Nut	✓	1
10	Discharge Hose	✓	1
11	Anti splash screen	✓	1
12	Electric Pump	✓	1
13	CirClip	✓	2
14	Drain Tank	✓	1
15	Spring Washer	✓	4
16	Front Swivel castor	✓	2
17	Rear Rubber Wheel	✓	2
18	Washer	✓	4
19	Steel Washer	✓	1
20	Feeder Hose	✓	1

TROUBLESHOOTING

Problem	Cause	Solution
Pump does not dispense fluid	<ol style="list-style-type: none"> 1. Pump not able to create adequate suction 2. Pump is drawing in air instead of fluid 3. Crank is not connected to crank shaft 	<ol style="list-style-type: none"> 1. Prime the pump by adding a few drops of oil into the delivery port. Operated the handle until it starts dispensing 2. Tighten all connections of suction tube & of the suction tube with pump inlet 3. Loosen the grub screw on the crank. Now align it with the depression on the crank shaft & then tighten
Leakage of media from the crankshaft	Damaged seal due to use with media not suitable for use with pump	Seal needs to be replaced. Send to distributor for service repair
Leakage of media from between the cover plate & pump body	Damaged seal due to use with media not suitable for use with pump	Seal needs to be replaced. Send to distributor for service repair
Electric Motor Not Working	Check if switch is in the "on" Position	Turn on the motor switch
	Low voltage to the pump	Make sure the proper voltage is being supplied to the pump



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