



**The right equipment
makes all the difference...**

**JD JohnDow
Industries**

Performance, Reliability, Commitment.

Product Quality

JohnDow Industries offers quality products engineered to help our customers achieve greater work efficiencies for a variety of service applications. Our professional equipment is built to endure the rigors of professional vehicle service and maintenance.



Our Mission Performance

For over three decades, JohnDow Industries has successfully manufactured products to meet the demands of the professional vehicle service industry.

Reliability

Our three equipment brands represent the families of products that our customers can depend on. Providing safe and reliable equipment is our number one priority.

Commitment

We stand by our products and our customers. It is our policy to make sure our customers receive the best service we can offer and – that our equipment performs to their expectations.



Products, Service and Solutions

This comprehensive product offering, combined with an extensive distribution network and the best and most experienced sales representatives in the country, deliver real solutions to real customer problems.

- Crew Chief Used Oil and Fluid Handling
- Fuel Chief Portable Fuel Storage and Handling
- JohnDow Automotive Service Equipment

JohnDow products can be found through the majority of tool and equipment distributors across the country. And, our sales agencies are also available to help our customers with any question or request they may have.

To locate a JohnDow distributor or sales agency visit our website at www.johndow.com.

CREW CHIEF



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The Crew Chief brand is the most extensive line of oil drains and fluid handling equipment on the market today with quality products and innovative features. For both automotive and heavy-duty truck applications, Crew Chief includes both steel and poly constructed oil drains with models that include self-evacuating, pump assist, and low profile designs.



CREW CHIEF

5-Gallon Heavy-Duty Portable Oil Drain

No. JDI-5DCK

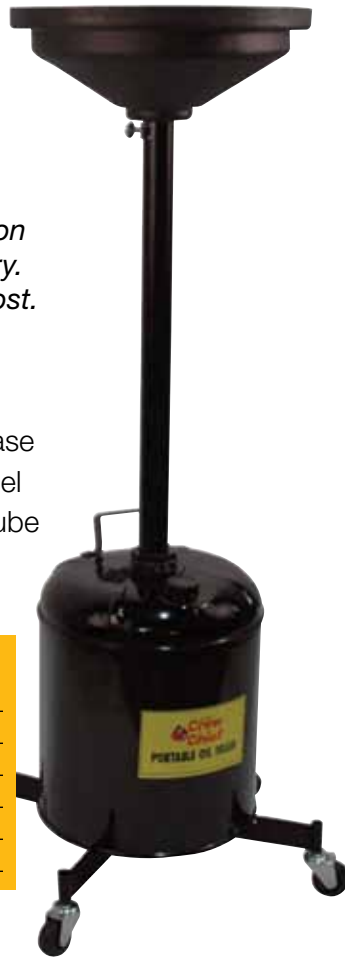
The most ruggedly built 5-gallon portable oil drain in the industry. High quality at an economic cost.

Features include:

- Heavy-duty steel construction
- Exclusive “Lock-On” caster base
- Rugged 14" polyethylene funnel
- Heavy-duty 2" welded drain tube
- High-gloss powder coat finish

Specifications:

Gallons	5-gallon
Material	Steel
Funnel Size	14"
Wheel Size	2"
Height Adjustment	40" to 67"
Weight	20 lbs.



Exclusive “Lock-On” Caster Base

The positive lock design of the caster base means it won't fall off when moved or lifted. The unique claw design locks to the 5-gallon bucket.



Welded 2" Drain Tube

The drain tube is welded to a heavy-duty 2" coupler that threads into the 5-gallon bucket. This design insures the drain tube remains stable and straight during use.



Rugged 14" Polyethylene Funnel

No broken funnels with this roto-molded polyethylene construction. This funnel keeps its shape with the hottest of oil.

JDI-5DCK-P

5-Gallon Heavy-Duty Portable Oil Drain with 24" Funnel Extension.

The JDI-5DCK is paired with a 24" funnel extension which maximizes the catch area for those applications that require additional funnel capacity. Ships complete in one box.



“Big Mouth” Transmission Drain Pan

JD-2436

Catch all of the fluid from long pan transmissions. Prevents spills. Keeps shop floor clean and safe.

Features include:

- Large catch area measures 38" L x 24" W x 7" H
- Rugged roto-molded polyethylene construction
- Stepped design adapts to any funnel with a 6" or larger diameter



Large Catch Area

- Over 6 sq/ft of drain pan area to catch fluids from transmission pans and differentials

Adapts To Any Drain

- The stair-step design makes the “Big Mouth” adaptable to most funnels with a 6" or larger diameter



18-Gallon Economy Portable Poly Oil Drain

JDI-18DCP

These two poly drains offer an affordable option for lower volume repair shops.

Features include:

- Lightweight construction
- Easy to maneuver
- Translucent poly tank allows for easy viewing of oil level
- Molded grips to assist in draining
- Large drain pipe allows oil to drain quickly

Specifications:	JDI-8DCP	JDI-18DCP
Gallons	8-gallon	18-gallon
Material	Translucent polyethylene	Translucent polyethylene
Funnel Size	18"	18"
Wheel Size	2-1/2" Casters	2-1/2" Casters
Height Adjustment	48" to 67"	48" to 71"
Weight	12 lbs.	15 lbs.



Drain Spout & Cap

Both the 8-gallon and 18-gallon models include a 1-1/2" drain spout with a cap for manual evacuation.



2" Access Port

The 18-gallon model features a 2" port for adding other fluids or for accessing the tank with a suction wand.



Gravity Drain Valve

Also included with the 18-gallon model is a gate valve for gravity draining.



CREW CHIEF

22-Gallon Oil Change Station

JDI-22DCX

This 22-gallon capacity drain was designed for the high volume automotive service facility with features that make oil change service productive and profitable. This tank is virtually indestructible. Plus, the poly construction prevents accidental damage to vehicles.

Features include:

- 22-gallon high impact polyethylene tank
- Built-in filter drain
- Molded tool pockets
- Pop-up fluid level indicator
- 3" access port
- Padded handle bars
- Convenient drain valve adapts to most quick disconnect couplers



Built-In Filter Drain

No more stacking filters in the funnel to let them drain before disposal. The built in filter drain easily holds four to five standard oil filters. Filters drain directly into the drain body.



Molded Tool Pockets

These pockets keep wrenches, pliers and other tools readily accessible.



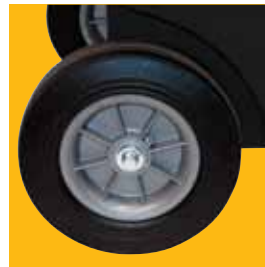
Pop-Up Fluid Level Indicator

No more guessing when to empty the drain. The pop-up indicator signals when the fluid level has reached the maximum capacity.



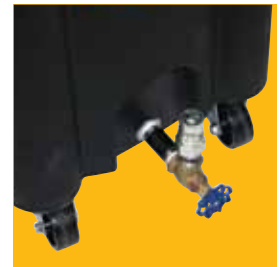
3" Port Opening

Use this 3" port to manually pour other fluids in the drain for storage. It also allows the use of a suction wand for evacuation.



Large Swivel Casters & Wheels

The 3" front casters and 10" rear wheels make it easy to maneuver the drain over air hoses and other obstacles found in the service bay area.



Conversion Kit For Pump Evacuation Systems

The optional No. 61431-2 conversion kit adapts the drain for use with most air diaphragm evacuation systems. This kit includes the necessary fittings needed to use with a quick disconnect system. (See page 18).



Specifications:

Gallons	22-gallon
Material	Roto-molded polyethylene
Funnel Size	16"
Wheel Size (Front)	3" Swivel Casters
Wheel Size (Rear)	10" Fixed
Height Adjustment	45" to 70"
Weight	55 lbs.

22-Gallon Portable Antifreeze Drain

JDI-22DCAF

For those facilities that store large volumes of used antifreeze, this drain is molded in green polyethylene so the proper receptacle is used to prevent mixing of fluids. It can be used with coolant or other fluids that need to be stored and disposed of separately. It incorporates the same features as the JDI-22DCX.



For more information scan this QR code.

25-Gallon Heavy-Duty Self-Evacuating Oil Drain



JDI-25HDC

This Self-Evacuating oil drain is the "Top Of The Line". Designed and built with superior quality and performance in mind.

Features include:

- Auto-Check Technology for easy and automatic drain evacuation
- 25-gallon heavy-duty steel tank
- Sight glass gives a quick indication of fluid level
- Molded poly tool tray
- 4-caster design provides superior stability and mobility
- Casters are oil and chemical resistant for longer life
- 16" offset funnel with expanded metal screen
- 360° swivel funnel makes positioning easy
- 6' quick connect discharge hose
- Pressure relief valve for added safety



For more information scan this QR code.



Molded Tool Tray
A molded poly tool tray is mounted on top of the tank for easy access to ratchets, wrenches, pliers and other oil change service tools.



Built-In Sight Gauge
The easy-to-read sight gauge gives a quick look at the fluid level in the drain to prevent overfilling.



Four Caster Design
Four 4" swivel casters make this drain easy to move and position under a vehicle. Plus the casters are made of an oil and chemical resistant material that gives them an extended service life.



This unique, user-friendly feature is incorporated on all Crew-Chief Self-Evacuating oil drains. Auto-Check eliminates the need for manual ball valves to seal the drain before air evacuation. The pressure valve located at the bottom of the down tube automatically closes with air pressure. Emptying the drain has never been cleaner, easier or more automatic.



Pressure Relief Safety Valve
For added safety this pressure relief valve prevents the tank from over-pressurizing. Once the optimum evacuation pressure is reached in the tank, the safety valve will relieve any excess pressure.



Quick Disconnect Evacuation Hose
The 6' evacuation hose is designed to stay connected to the used oil storage tank. With the quick disconnect feature the drain can be quickly and securely connected for fast and clean evacuation.



16" Deep Drawn Funnel
The deep drawn funnel will handle a high volume of oil. With the offset design feature it is easy to accurately position to catch every bit of oil. A removable expanded metal screen keeps tools, drain plugs and other debris from entering the drain body.

Specifications:

Gallons	25-gallon
Material	Steel
Funnel Size	16"
Wheel Size	4" Casters
Height Adjustment	50" to 70"
Weight	85 lbs.



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27-Gallon Deluxe Poly Oil Drains

These "Next Generation" poly oil drains offer an array of features and benefits not found on most other drains.

Lightweight and durable, these drains are virtually indestructible.

Polyethylene construction prevents accidental damage to vehicles.

Available in Self-Evacuating and Pump Assist Models.

27-Gallon Deluxe Poly Self-Evac Oil Drain

JDI-27DC



27-Gallon Deluxe Poly Portable Oil Drain

JDI-27GFD

Features include:

- Roto-molded polyethylene Uni-body construction
- Molded pockets for cap style filter wrenches
- Molded-in tool trays for convenient tool storage
- Handles on all four sides for easy maneuverability
- 16" offset funnel with expanded metal screen
- 4-caster design provides superior stability and mobility
- Casters are oil and chemical resistant for longer life
- Sight glass gives a quick indication of fluid level



JDI-27DC



For more information scan this QR code.

Specifications:

Gallons	27-gallon
Material	Roto-molded polyethylene
Funnel Size	16"
Wheel Size	4" Casters
Height Adjustment	45" to 70"
Weight	55 lbs.

Common features of both models include:



Cap Wrench Pockets & Molded Tool Tray

Four molded pockets hold the most popular sizes of cap wrenches making them easy to organize and find. A large tool tray is molded into the top of the drain for storage of ratchets, wrenches, pliers and other oil change service tools.



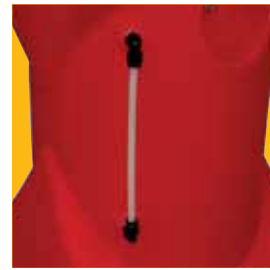
16" Deep Drawn Funnel

The deep drawn funnel will handle a high volume of oil. With the offset design feature it is easy to accurately position to catch every bit of oil. A removable expanded metal screen keeps tools, drain plugs and other debris from entering the drain body.



Four Caster Design

Four 4" swivel casters make this drain easy to move and position under a vehicle. Plus the casters are made of an oil and chemical resistant material that gives them an extended service life.



Built-In Sight Gauge

The easy-to-read sight gauge gives a quick look at the fluid level in the drain to prevent overfilling.

Additional features found on the JDI-27DC Self-Evac model:

- Auto-Check Technology for easy and automatic drain evacuation
- 6' discharge hose
- Pre-set air regulator
- Pressure relief safety valve



Pre-Set Air Regulator

To prevent too much air pressure entering the tank during the evacuation process this pre-set air regulator allows the proper amount of air pressure into the tank to effectively evacuate the tank contents.



Pressure Relief Safety Valve

For added safety this pressure relief valve prevents the tank from over-pressurizing. Once the optimum evacuation pressure is reached in the tank, the safety valve will relieve any excess pressure.



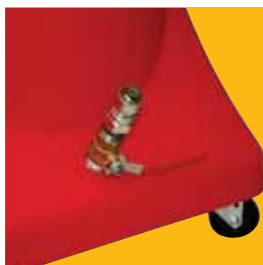
For more information scan this QR code.



JDI-27GFD

Additional features found on the JDI-27GFD Pump Assist model:

- Designed for use with most air diaphragm pump evacuation systems
- Optional male quick coupler No. HA-15424-00 is available for pump evacuation use. (See page 18)



JohnDow
Crew Chief[™]
Used Oil & Fluid Handling

CREW CHIEF

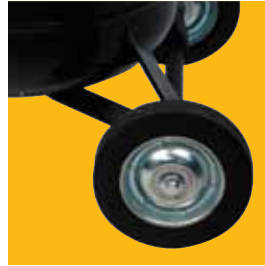
16-Gallon Portable Oil Drain

JDI-16DC-E

The industry standard – designed for use with pump assist used oil evacuation systems.

Features include:

- 16-gallon heavy-duty steel tank
- Casters and wheels are oil and chemical resistant for longer life
- 16" offset steel funnel with expanded metal screen
- Molded poly tool tray
- Sight glass gives quick indication of fluid level
- Convenient drain valve easily adapts to most quick disconnect couplers



Wheels & Casters

Two 4" swivel casters and two 6" fixed wheels make this drain easy to move and position under a vehicle. Plus the casters and wheels are made of an oil and chemical resistant material that gives them an extended service life.



Molded Tool Tray

A molded poly tool tray is mounted on top of the tank for easy access to ratchets, wrenches, pliers and other oil change service tools.



Built-In Sight Gauge

The easy-to-read sight gauge gives a quick look at the fluid level in the drain to prevent overfilling.



Adaptable Drain Valve

A convenient gate valve, located at the bottom of the tank, will accept most quick disconnect couplers. An optional No. 61431-2 conversion kit adapts this drain to a JohnDow Used Oil Storage System.



16" Deep Drawn Funnel

The deep drawn funnel will handle a high volume of oil. With the offset design feature it is easy to accurately position to catch every drop of oil. A removable expanded metal screen keeps tools, drain plugs and other debris from entering the drain body.



Specifications

Gallons	16-gallon
Material	Steel
Funnel Size	16"
Wheel Size – Front	4" Casters
Wheel Size – Rear	6" Fixed
Height Adjustment	50" to 70"
Weight	63 lbs.



For more information scan this QR code.

Pump Assist Oil Evacuation Systems

Pump assist oil evacuation systems, like the JohnDow model no. AGS-285D, offer a variety of benefits for auto and truck repair facilities doing a high volume of oil change service.

- Uses an air operated diaphragm pump
- Fast drain evacuation – typically 60 gpm
- Evacuates a 16-gallon oil drain in less than 60 seconds
- See page 30 for more information



17-Gallon Poly Low-Profile Oil Drain

JDI-17PLP

Perfect for use with heavy-duty trucks, buses, RV's and other low profile heavy-duty equipment. Ideal for use with oil and engine coolants. Can be used with pump assist evacuation system or optional 110V cap electric pump. This high-impact polyethylene tank is strong and durable. Dent resistant and lightweight for easy handling.



Features include:

- 17-gallon capacity
- 7-3/4" ground clearance
- High-impact roto-molded polyethylene construction
- Reinforced ribbing provides added support
- Four-caster design provides superior stability and mobility
- Long-reach T-Handle makes drain easy to position under the vehicle
- T-Handle folds for compact storage
- Expanded metal shield reduces splash
- Drain valve is recessed for optimal protection

Specifications:

Gallons	17-gallon
Material	Polyethylene
Size	49"L x 29-1/2" W x 7-3/4" H
Wheel Size	4" Casters
Handle Length	30"
Weight	40 lbs.

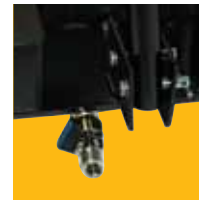
Pump Kit for JDI-17PLP

JDI-17PK

110V Pump Kit Transfers Fluid at 5 GPM. Kit is easy to install and use.

Kit includes:

- 110V electric pump
- Mounting hardware
- 8' evacuation hose
- 1/2" ball valve
- Hose fittings and clamps
- Weight: 6 lbs.



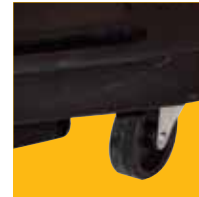
Recessed Drain Valve

For added protection the drain valve is located in a recessed pocket under the front of the reservoir.



Reservoir Has Reinforced Ribbing

The unique ribbing design eliminates the bottom of the reservoir from sagging when the drain is full.



Four Caster Design

Four 4" swivel casters make this drain easy to move and position under a vehicle. Plus the casters are made of an oil and chemical resistant material that gives them an extended service life.



Long-Reach T-Handle

The 30" long T-Handle allows the service tech to easily position the drain in the proper area. No more lying on your stomach to reach under the vehicle.



Folding Handle

The T-Handle folds flat onto the reservoir when not in use making storage easy and compact. Two cleat hooks on the barrel of the handle are designed to store a discharge hose or the power cord for the optional 110v electric pump.



Expanded Metal Shield

The reservoir is covered with a removable expanded metal shield. This reduces splash during the oil change procedure and keeps tools and drain plugs from falling into the reservoir.



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10-Gallon Low-Profile Oil Drain with Electric Evacuation Pump

JDI-AF10E

This Extra-Low Profile Drain Fits Underneath A Variety Of Vehicles.

Features include:

- 10-gallon capacity reservoir
- 110V electric pump for easy evacuation
- 10' quick disconnect evacuation hose
- 5" ground clearance
- All steel construction
- 4" industrial casters
- Long-reach T-Handle makes drain easy to position under vehicles
- T-Handle folds for compact storage
- Expanded metal shield reduces splash
- Internal baffles prevent splashing during transport



Specifications:

Gallons	10-gallon
Material	Steel
Size:	32"L x 25"W x 5"H
Wheel Size – Front	4" Swivel Casters
Wheel Size – Rear	4" Fixed
Handle Length	35"
Weight	60 lbs.



Electric Pump Evacuation System

The 110 V cap electric evacuation pump is mounted under the front apron of the drain and transfers fluid at a rate of 5 gpm. (Note: The transfer rate can vary based on the fluid temperature.)

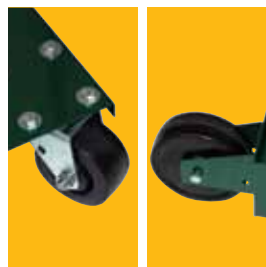


Quick Disconnect Evacuation Hose

The 10' evacuation hose includes a quick disconnect coupler making the evacuation process clean and easy. When not in use the hose can be permanently attached to the storage tank or stored on the T-handle.

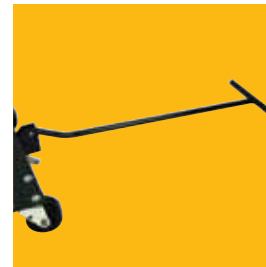


Expanded Metal Shield
An expanded metal shield covers the reservoir area reducing splash during the draining process.



Industrial Casters and Wheels

The 4" front swivel casters and 4" rear wheels make this drain easy to maneuver and transport.



Long-Reach T-Handle

The 35" T-Handle makes it easy to position the drain under the vehicle.

17-Gallon Low Profile Oil Drain

JDI-LP4

Designed for use with heavy-duty trucks, buses, RV's and other low profile heavy-duty equipment. Rugged steel construction stands-up to the toughest shop conditions. Can be used as gravity drain or with pump assist evacuation system or optional air evacuation kit.

The all steel construction makes this low-profile drain the workhorse of a heavy-duty repair shop. With a 10" ground clearance this drain fits under most heavy-duty vehicles, RV's, and buses.



Features include:

- 17-gallon capacity reservoir
- 10" ground clearance
- All steel construction
- 6" industrial casters for easy handling and transport
- Long-reach T-Handle makes drain easy to position under the vehicle
- T-Handle folds for compact storage
- Expanded metal shield reduces splash
- Enclosed reservoir prevents spillage during transport
- Includes a gate valve for gravity draining
- Easily converts to self-evac drain with the JDI-EK air evacuation kit



Expanded Metal Shield

An expanded metal shield covers the reservoir area. This helps reduce splash during the draining process and keeps tools and debris from falling into the reservoir.



Industrial Casters and Wheels

The 6" front swivel casters and 6" rear wheels make this drain easy to maneuver and transport.



Long-Reach T-Handle

The 35" long T-Handle makes it easy to position the drain under the vehicle and in the precise drain area.



Folding Handle

The handle folds onto the reservoir when not in use making storage easy and compact.

Specifications:

Gallons	17-gallon
Material	Steel
Size	48"L x 25" W x 10" H
Wheel Size – Front	6" Swivel Casters
Wheel Size – Rear	6" Fixed
Handle Length	35"
Weight	144 lbs.

Enclosed Reservoir

The reservoir area is enclosed with a beveled top that directs used oil through a 2" drain port. This cover keeps oil from splashing and spilling during transport. It also allows the drain to be converted to a self-evacuation model.



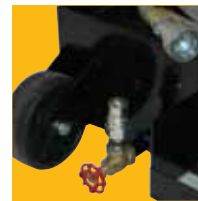
Air Evacuation Kit for JDI-LP4

JDI-EK

This optional kit converts the JDI-LP4 into a self-evacuating drain. Using regular shop air, oil is easily transferred from the drain to the storage tank.

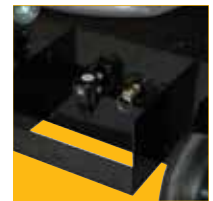
Kit includes:

- 7 psi fixed air regulator
- Safety relief valve
- 10' evacuation hose
- 3/4" male quick disconnect coupler
- 3/4" female quick disconnect coupler
- 2" drain plug



Air Regulator & Safety Relief Valve

The regulator and safety valve are installed in two ports on the rear of the drain. A metal guard surrounds them to protect against damage. The fixed 7 psi regulator allows the proper amount of compressed air to enter the drain during the evacuation process while the safety relief valve prevents over-pressurizing the reservoir.



Quick Disconnect Evacuation Hose

The 10' evacuation hose includes a quick disconnect coupler making the evacuation process clean and easy. The male coupler is attached to the gate valve on the drain while the female coupler is attached to the hose. When not in use the hose can be permanently attached to the storage tank.

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25-Gallon Low Profile Oil Drain

JDI-LP5

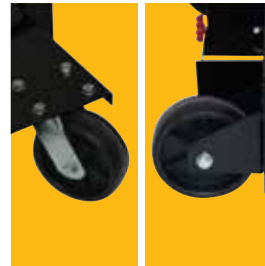
This high-capacity drain is designed for high volume vehicles. Rugged steel construction. Includes a self-contained electric pump evacuation system.

Features include:

- 25-gallon capacity reservoir
- 10" ground clearance
- All steel construction
- 110 V cap electric pump for easy evacuation
- 10' quick disconnect evacuation hose
- 6" industrial casters for easy handling and transport
- Long-reach T-Handle makes drain easy to position under the vehicle
- T-Handle folds for compact storage
- Expanded metal shield reduces splash
- Internal baffles prevent splashing during transport



Long-Reach T-Handle
The 35" long T-Handle makes it easy to position the drain under the vehicle and in the precise drain area.



Industrial Casters and Wheels
The 6" front swivel casters and 6" rear wheels make this drain easy to maneuver and transport.



Internal Baffles
Baffles located in the reservoir prevent the fluid from splashing during transport.



Electric Pump Evacuation System
When full the reservoir is emptied using the 10' quick connect evacuation hose and the 110 V cap electric pump evacuation system mounted in the rear of the drain. The pump transfers fluid at a rate of 5 gpm. (Note: The transfer rate can vary based on fluid temperature.)



Folding Handle
The handle folds onto the reservoir when not in use making storage easy and compact.



Expanded Metal Shield
An expanded metal shield covers the reservoir area which helps reduce splash during the draining process and keeps tools and debris from falling into the reservoir.

Specifications:

Gallons	25-gallon
Material	Steel
Size	48"L x 25" W x 10" H
Wheel Size - Front	6" Swivel Caster
Wheel Size - Rear	6" Fixed
Handle Length	35"
Weight	97 lbs.

20-Gallon Combination Fluid Evacuator & Oil Drain

JDI-20COMBO

20-Gallon Combination Fluid Evacuator & Oil Drain with Transparent Bowl

JDI-20COMBO-B

Versatile Oil Drain and Fluid Evacuator. All-In-One Unique design makes this combo drain an excellent value.

Features include:

- 20-gallon heavy-duty steel tank
- 16" offset funnel with expanded metal screen
- Self-evacuating with 6' discharge hose
- Powerful venturi vacuum generator and vacuum gauge
- Wheels and casters are oil and chemical resistant for longer life
- Six suction probes and three "OE Style" adapters with convenient storage tube
- Sight tube for quick indication of fluid level

Specifications:

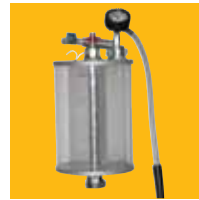
Gallons	20-gallon
Suction Capacity	14-gallon
Air Pressure for Vacuum	110-115 psi
Depressurization Time	120-150 sec.
Suction Speed	.04-.05 gpm
Material	Steel
Funnel Size	16"
Wheel Size – Front	4" Casters
Wheel Size – Rear	7" Fixed
Height Adjustment	50" to 70"
Weight	62 lbs.
Weight – w/bowl	72 lbs.



Built-In Sight Gauge
The easy-to-read sight gauge gives a quick look at the fluid level in the drain to prevent overfilling.



Venturi Vacuum Generator & Vacuum Gauge
When compressed air is introduced to the supply port, the venturi vacuum generator creates a vacuum in the steel tank as the air is exhausted out the other end. The easy-to-read vacuum gauge lets the user know when the proper suction level is achieved. This "go/no go" gauge is color coded and connected to the on-board venturi.



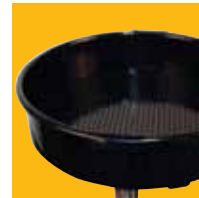
Transparent Recovery Bowl
(Only on the JDI-20COMBO-B model)
The 2-gallon transparent bowl gives the operator the option to check quantity and quality of oil prior to discharging it in the tank below. This is useful when it is important to identify the amount of fluid recovered from a particular application. The bowl is heat resistant with a 212° F maximum working temperature.



Self-Evacuating
When the tank is full and needs to be emptied the self-evac feature makes this task quick, easy and with no mess. Place the spout end of the 6' evacuation hose in the storage tank and connect shop air.



7' Suction Hose
To evacuate fluid special probes and adapters are connected to this 7' suction hose. A firm push connects the probes to the suction valve. Open the ball valve and the suction starts – close it and it stops.



16" Deep Drawn Funnel
The deep drawn funnel will handle a high volume of oil. With the offset design feature it is easy to accurately catch every bit of oil. A removable expanded metal screen keeps nuts, drain plugs and other debris from entering the drain body.



Convenient Storage Tube
Six suction probes and three "OE" adapters are included with the evacuator. A convenient storage tube assures that the proper probe will be readily accessible when required. An easy-empty catch cap is also provided to capture oil residue left in the suction probes after use.

Probes & Adapters

The JDI-20COMBO and JDI-20COMBO-B come with six suction probes and three "OE Style" adapters. See page 17 for specific details.

CREW CHIEF

Crew Chief Fluid Evacuators with features and benefits not found on most competitive models

Designed to remove used oil and other fluids from any vehicle when conventional draining methods are not practical. Charged unit is completely portable. Fluid removal can be done almost anywhere without the need of an air hose.

Fluid evacuators remove used oil and other “non-flammable” fluids from almost any vehicle using compressed air and an on-board venturi vacuum process.

Evacuators are great for a variety of applications including:

- **Traditional automotive repair** – Including oil, coolant, transmission fluid, brake fluid, differential oil and power steering fluid.
- **Auto Dealers** – Essential for European manufactured vehicles that do not include a factory drain plug (Audi/VW, BMW, Mercedes, Land Rover/Jaguar).
- **Quick Lubes** – Avoid stripped drain plugs. Makes it easy to correct overfills.
- **Motorcycle/ATV Service** – Perfect for oil changes.
- **Marine Applications** – Boats, Jet Skis and other PWC.
- **Farm & Industrial** – Tractors, generators, off-road equipment.

6-Gallon Fluid Evacuator

JDI-6EV

20-Gallon Fluid Evacuator

JDI-20EV

20-Gallon Fluid Evacuator with Transparent Bowl

JDI-20EV-B



Features include:

- 6- or 20-gallon capacities
- Heavy-duty steel construction for years of trouble-free service
- Powerful venturi vacuum generator
- Easy-to-read vacuum gauge
- 7' suction hose
- Six suction probes for most applications
- Three “OE Style” evacuator adapters
- Convenient storage tube for suction probes
- Wheels and casters are oil and chemical resistant for longer life
- 10' quick disconnect evacuation hose
- Sight tube for quick indication of fluid level



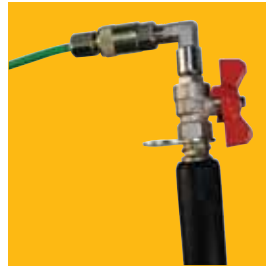
Venturi Vacuum Generator

When compressed air is introduced to the supply port the venturi vacuum generator creates a vacuum in the steel tank as the air is exhausted out the other end.



Vacuum Gauge

The easy-to-read vacuum gauge lets the user know when the proper suction level is achieved. This "go/no go" gauge is color coded and connected to the on-board venturi.



7' Suction Hose

To evacuate fluid special probes and adapters are connected to this 7' suction hose. A firm push connects the probes to the suction valve. Open the ball valve and the suction starts – close it and it stops.



Transparent Recovery Bowl (Only found on the JDI-20EV-B model)

The 2-gallon transparent bowl gives the operator the option to check quantity and quality of oil prior to discharging it into the tank below. This is useful when it is important to identify the amount of fluid recovered from a particular application. The bowl is heat-resistant with a 212° F maximum working temperature.



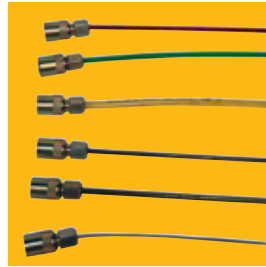
Self-Evacuating

When the tank is full and needs to be emptied the self-evacuation feature makes this task quick, easy and with virtually no mess. Simply connect shop air and the 10' quick connect evacuation hose and the fluid is removed.



Convenient Storage Tube

Six suction probes and three "OE" adapters are included with the evacuator. A convenient storage tube assures that the proper probe will be readily accessible when required. An easy-empty catch cap is also provided to capture oil residue left in the suction probes after use.



Probes & Adapters

All Crew Chief Evacuators come with six suction probes and three "OE Style" adapters. See probes and adapters charts below for specifications.



For more information scan this QR code.

Specifications:	6EV	20EV	20EV-B
Gallons	6-gallon	20-gallon	20-gallon
Suction Capacity	4-gallons	14-gallons	14-gallons
Air Pressure For Vacuum	110-115 psi	110-115 psi	110-115 psi
Depressurization Time	60-90 sec.	120-150 sec.	120-150 sec.
Suction Speed	.04-.05 gpm	.04-.05 gpm	.04-.05 gpm
Material	Steel	Steel	Steel
Wheel Size – Front	N/A	4" Swivel	4" Swivel
Wheel Size – Rear	7" Fixed	7" Fixed	7" Fixed
Weight	45 lbs.	55 lbs.	65 lbs.



Adapters	
No.	Type
ADP-VW	Audi/Volkswagen
ADP-BMW	BMW
ADP-MCD	Mercedes Benz

Probes (included with evacuators)				
No.	Length	Type	I.D.	O.D.
PR5-700	700mm-27"	Nylon	4mm-11/64"	5mm-13/64"
PR6-700	700mm-27"	Nylon	5mm-13/64"	6mm-1/4"
PR7-1000	1030mm-41"	Nylon	5mm-3/16"	7mm-17/64"
PR8-700	700mm-27"	Nylon	6mm-1/4"	8mm-21/64"
PRM5-700	700mm-27"	Copper	4mm/11/64"	5mm-13/64"
PRM6-700	70mm-27"	Copper	5mm/13/64"	6mm-1/4"

Optional Probe				
PR8-1500	1500mm-59"	Nylon	6mm-1/4"	8mm-21/64"



CREW CHIEF Parts & Accessories

Replacement Oil Drain Funnels

No. 20174 14" Diameter Polyethylene Funnel

Fits models:

JDI-5DC JDI-5DCK



No. 10174 16" Diameter Polyethylene Funnel

Fits models:

JDI-16DC JDI-20DC
JDI-20DC-B JDI-22DCX



No. 20DCE-1 16" Offset Steel Funnel w/Screen

Fits models:

JDI-16DC-E JDI-20DC-E
JDI-22DCX JDI-25HDC
JDI-27DC JDI-27GFD
JDI-20COMBO JDI-20COMBO-B



No. 8DCP-FUN 18" Poly Funnel

Fits models:

JDI-8DCP JDI-18DCP



Caster Bases

No. JDI-5C "Lock-On" Caster Base

Fits models:

JDI-5DC JDI-5DCK
JDI-5DCK-P



No. JDI-16B 16-Gallon/120-lb. Drum Dolly

Band-type dolly for use with standard 16-gallon drum.

Also fits drain model:

JDI-16DC



Replacement Swivel Casters & Wheels

No. 20DCE-3 4" HD Swivel Caster

Fits models:

JDI-15DP JDI-16DC-E
JDI-20EV JDI-20DC-E
JDI-20COMBO JDI-20COMBO-B
JDI-25HDC



No. 20DCE-7

7" Rear Wheel

Fits models:

JDI-5DP JDI-6EV
JDI-15DP JDI-16DC-E
JDI-20DC-E JDI-20EV
JDI-20COMBO JDI-20COMBO-B



No. 17PLP-WH

Casters and Nuts For JDI-17PLP

Set of four 4" swivel casters and nuts for the JDI-17PLP 17-Gal. Low Profile oil drain.



No. LP4-FW-RK

Front Wheel Kit For JDI-LP4

Set of two 6" front swivel casters for the JDI-LP4 17-Gal. Low Profile oil drain.



No. LP4-RW-RK

Rear Wheel Kit For JDI-LP4

Set of two 6" rear wheels for the JDI-LP4 17-Gal. Low Profile oil drain.



Replacement Oil Drain Hoses

No. 20DEC-2

Evacuation Hose with Spout

Fits models:

JDI-20DC-E JDI-20EV
JDI-27DC JDI-20COMBO
JDI-20COMBO-B



No. 25HDC-1

Evacuation Hose

Fits model:

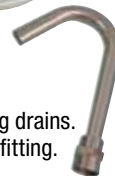
JDI-25HDC



No. JDI-90H

Hose Spout

Optional spout for self-evacuating drains. Fits any hose with a 3/4" NPT (M) fitting.



No. 61431-2

Oil Drain Conversion Kit

Converts most gravity drains to work with a pump assist evacuation system. Includes 3/4" nipple, gate valve and male quick disconnect coupler (HA-15242-00). Requires female quick disconnect coupler for suction hose (HA-15241-00).

Works with the following Crew Chief oil drains:

JDI-22DCX JDI-16DC-E
JDI-27GFD JDI-LP4



Quick Disconnect Fluid Couplers

Designed for spill prevention, quick disconnect couplers make fluid transfer from oil drains to a storage tank easy and clean.

No. HA-15242-00

3/4" Male Coupler



No. HA-15241-00

3/4" Female Coupler

Fluid Evacuator Replacement Parts

No. 6EV-3

Evacuator Suction Hose

Fits models:

JDI-6EV JDI-20EV
JDI-20EV-B JDI-20COMBO
JDI-20COMBO-B



No. 6EV-1

Vacuum Gauge

Fits models:

JDI-6EV JDI-20EV
JDI-20EV-B JDI-20COMBO
JDI-20COMBO-B



No. 6EV-2

Venturi Vacuum Generator

Fits models:

JDI-6EV JDI-20EV
JDI-20EV-B JDI-20COMBO
JDI-20COMBO-B



Electric Evacuation Pump Replacement Parts

No. ACK-10602-10

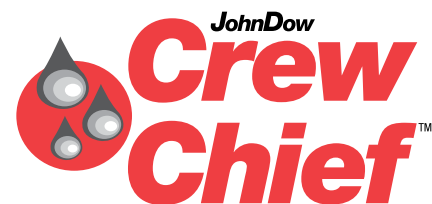
Impellor Kit For 110v Electric Pump

Replacement kit is easy to install. Includes new impellor and gasket.

Fits models:

JDI-17PK* JDI-LP5

*Pump kit for JDI-17PLP



Used Oil & Fluid Handling

www.johndow.com

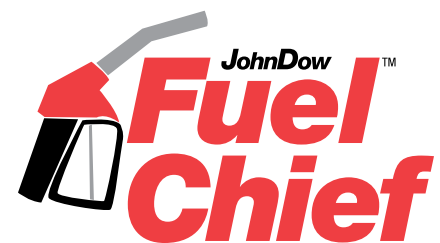
FUEL CHIEF



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The need for safe, effective and affordable portable fuel storage to meet the requirements of a myriad of applications and industries has never been greater. The Fuel Chief line of portable fuel handling equipment meets those needs with more models than any other company in North America. These include metal gas caddies for the professional service technician and poly models for “non-automotive” applications. And with safety the number one priority, Fuel Chief steel caddies are all UL Listed, meet OSHA guidelines and feature a UL Listed, two-way rotary pump for dispensing and siphoning.



Portable Fuel Storage & Handling

FUEL CHIEF

Safe Fuel Handling

Frequently, service procedures require the fuel tank to be removed or drained in order to replace the fuel pump, service the fuel pump, replace the tank because of damage, or to remove contaminated fuel. These services can be performed safely and efficiently if proper procedures are followed and approved and certified equipment is used.

Safety

Gasoline vapors are highly volatile. The vapors are heavier than air and can travel quite a distance through a service area. A drop light or extension cord, or a spark from a tool, or from grinding or welding can ignite them.

OSHA

OSHA Regulation 1910.106 – Flammable and Combustible Liquids apply to the handling of gasoline in a repair shop. This regulation makes it “the employer’s responsibility to protect its employees from workplace hazards through providing appropriate methods of hazard control.” It is important that the proper “OSHA approved” equipment is available for them to use.

OSHA Approved Equipment

Under OSHA regulation 29 CRF 1910.106 – OSHA approved equipment must be tested, certified and listed by a National Testing Laboratory, based on an approval standard of that lab. Underwriters Laboratories (UL) is currently the only organization with an approval standard for gas caddies.

Gas caddies certified by UL carry the UL Listed logo on the product. They are vigorously tested for leakage, rupture, stability, abuse and endurance.

Fuel Chief

Steel and Poly Gas Caddies

Steel Gas Caddies – are designed for the professional service technician. Only the Fuel Chief steel gas caddies are UL Listed and have been built to meet the stringent OSHA standards.

Poly Gas Caddies – are designed for “non-automotive” applications and used to primarily store and dispense fuel. These are perfect for the marine, landscape, small engine, farm and industrial markets.



25-Gallon UL Listed Gas Caddy

FC-25GC

Designed for the professional automotive service facility. Tested and approved to UL requirements for leakage, rupture, stability, abuse and endurance. Meets OSHA approved standards – with safety the number one priority.

For use with Gasoline • Diesel • Kerosene
Bio-Diesel • Transmission Fluid

Features include:

- 25-gallon capacity steel tank
- UL Listed and complies with OSHA guidelines
- UL Listed cast iron pump
- 10" steel wheels
- Fill level gauge
- Fire-screened vent and filler neck
- Wide footprint for stability
- 8' PVC suction/discharge hose with internal steel grounding wire
- Tank ground wire & clamp
- Decal set for contents identification
- Two-way filter kit available (see page 28)

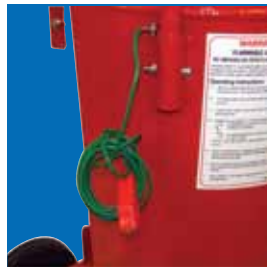


For more information scan this QR code.



UL Listed Pump

This heavy-duty, UL Listed cast iron rotary pump with carbon vanes and Viton seals offers a two-way operation for siphoning or dispensing fuel. One gallon is delivered for every 12 revolutions on the pump handle.



Ground Wire and Clamp

A ground wire and clamp are mounted on the rear handle bracket. The ground wire should always be attached to the vehicle before transferring fuel.



Combination Vent & Fill Cap

This opening allows users to dispense fuel directly into the gas caddy. The vent prevents excess build up of fumes and helps to extinguish flames in the event of fire.

Specifications:

Gallons	25-gallon
Material	14-gauge steel
Pump	Two-way, UL Listed cast iron rotary
Wheel Size	10" Heavy-duty steel
Dimensions	21" W x 13" L x 46" H
Weight	95 lbs.



Heavy-Duty Steel Wheels

The 10" steel wheels will easily carry a full fuel load – over 300 lbs.



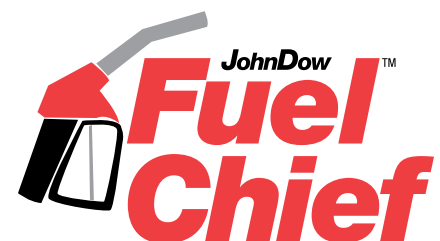
Spark Proof Front Feet

For additional safety the front feet have aluminum skid plates attached to prevent sparks.



Fill Level Gauge

Allows for a fast and easy check of the tank fuel level.



Portable Fuel Storage & Handling

FUEL CHIEF

PRO30 – 30-Gallon UL Listed Steel Gas Caddy with manual pump

FC-P30-UL

PRO30 Plus – 30-Gallon UL Listed Steel Gas Caddy with air operated pump

FC-P30A-UL

Designed with the professional technician in mind. Cart-style is compact and easy-to-move. Available with manual or air operated pump.

*For use with Gasoline • Diesel
Kerosene • Bio-Diesel
Transmission Fluid*

Features include:

- 30-gallon capacity steel tank
- UL Listed and complies with OSHA guidelines
- Fill level gauge
- Internal filter system
- 4-way directional valve
- Heavy-duty locking rear wheels and locking front casters
- Ground wire and clamp
- 8' PVC suction/discharge hose with internal grounding wire
- Decal set for contents identification



Specifications:

	FC-P30-UL	FC-P30A-UL
Gallons	30-gallon	30-gallon
Material	Steel	Steel
Pump	Two-way manual UL Listed	Air operated
Wheel Size – Front	5" locking swivel casters	5" locking swivel casters
Wheel Size – Rear	12" heavy-duty fixed	12" heavy-duty fixed
Filter	10 micron	10 micron
Dimensions	24" W x 30" L x 41" H	24" W x 30" L x 41" H
Weight	165 lbs.	165 lbs.

Common features of both models include:



Ground Wire & Clamp
The ground wire and clamp are located on a side-mounted hanger. The ground wire should always be attached to the vehicle before transferring fuel.



Heavy-Duty Wheels
The 12" rear wheels and 5" front swivel casters make the caddy easy to roll and maneuver. Locks on the front casters and rear wheels keep the caddy from moving while in use.



4-Way Valve
An integral 4-way valve clearly directs the flow of fuel to and from the vehicle.

Additional features found on the FC-P30-UL



UL Listed Two-Way Rotary Pump
This heavy-duty UL listed pump features carbon vanes and Viton seals. The 2-way operation allows for either siphoning or dispensing fuel. One gallon is delivered for every 12 turns of the pump handle.



Integral Filter System
To protect vehicle fuel pumps from being contaminated the P30-UL models are equipped with an in-line system that filters the fuel in both directions. A 10 micron filter is included. Replacement filters are available in 1, 10 and 30 microns.



Vent and Level Gauge
The level gauge provides a quick look at the tank fluid level while the vent prevents excess build-up of fumes.



Fill Spout
Fuel can be added to the caddy tank using the fill spout.



For more information scan this QR code.

Additional features found on the FC-P30A-UL



UL Listed Air Diaphragm Pump
Designed for efficiency and productivity. Fuel is pumped to and from the vehicle by an air operated pump. Shop air is connected to the air throttle control on the top of the tank resulting in quick and quiet service.



Portable Fuel Storage & Handling

FUEL CHIEF Transport 25 Poly Fuel Caddies

25-Gallon Poly Caddy – Gasoline

JDI-25GC-P

25-Gallon Poly Caddy – Kerosene

JDI-25GC-PK

25-Gallon Poly Caddy – Diesel

JDI-25GC-PD

Designed to safely store, transport and transfer fuel. Perfect for landscape, marine, commercial and recreational uses. Great for boats, lawnmowers, generators, ATVs, commercial equipment and farm equipment.

Features include:

- Gravity flow design
- Rugged roto-molded cross-linked polyethylene
- Molded handle
- 2" filter neck
- Vented fill cap
- 10" pneumatic tires
- 10' x 3/4" dispensing hose
- Spring-loaded dispensing nozzle
- Center baffle for added strength
- 2" bung for optional pump kit (see page 27)



For more information scan this QR code.

Specifications:

Gallons	25-gallon
Fueling Capacity	2 gpm – gravity feed
Material	Cross-linked polyethylene
Colors	Red – Gasoline Blue – Kerosene Yellow – Diesel
Wheel Size	10" Pneumatic
Dimensions	41" H x 24" W x 18" D
Weight	50 lbs.



10" Pneumatic Tires
The pneumatic tires make it easy to move the caddy over any type of surface.



10' Dispensing Hose
A 10' dispensing hose makes it easy to access hard to reach fuel tanks.



Dispensing Nozzle
The spring loaded nozzle helps control the flow of fuel.



Molded Handle
The molded handle is designed for comfort and balance when transporting.



"Lay Flat" Design
The handle also serves as a secure rest when the caddy is being transported on its back.



Center Baffle
A center baffle provides added strength and prevents "sloshing" of fuel.



Fill Spout and Cap
The 2" fill spout makes refilling the caddy easy. A vented cap keeps the caddy closed and provides relief from excess fume build-up.



2" Bung
A 2" bung opening is designed to accept the optional pump kit. (See page 27 for details).

Transport 25 PLUS Poly Gas Caddies

25-Gallon Poly Gas Caddy with Two-Way UL Listed Pump

JDI-25GC-P1

25-Gallon Poly Gas Caddy with Two-Way General Purpose Pump

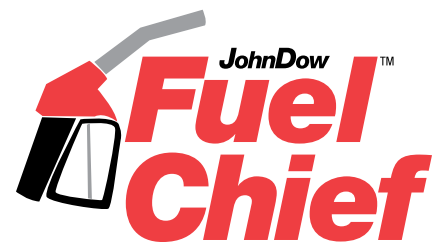
JDI-25GC-P2

Pump assisted fueling when gravity feed is not an option. Features two-way rotary pump operation for simple and reliable dispensing or siphoning of fuel. Features are the same as the Transport 25 models – but with a choice of rotary pumps.



Specifications:

	JDI-25GC-P1	JDI-25GC-P2
Pump Type	UL Listed – JDI-35	General purpose – RP12
Color	Silver	Black
Operation	Two-Way	2-Way
Hose	8' with ground wire	8' with ground wire
Weight	60 lbs.	60 lbs.



Portable Fuel Storage & Handling

FUEL CHIEF Diesel Emission Service System

"All-Inclusive" service system for refilling onboard Diesel Emission Fluid (DEF) tanks. Required equipment for repair facilities servicing diesel powered vehicles with Selective Catalytic Reduction (SCR) systems. Equipment is designed and made to handle the corrosive properties of Diesel Emission Fluid.

DEF 55-Gallon Drum Dispensing System – Electric

DEF-1A

Features include:

- DEF Series submersible pump
- Deluxe "resettable" turbine digital flow meter
- Stainless steel automatic delivery nozzle
- 8' flexible delivery hose
- 2" bung adapter with vent
- Service cart

Specifications:

Pump Capacity	6 gpm
Volts	120 VAC
Suction Tube – DEF-1A	40"
Suction Tube – DEF-Tote-A	44"



DEF-TOTE-A

275-Gallon IBC Tote Dispensing System – Electric.

For use with IBC Tote Tanks.

Includes:

- DEF Series Pump
- Digital flow meter
- Automatic delivery nozzle
- 8' flexible hose
- 2" bung adapter

Diesel Emission Fluid (DEF)

DEF is a Urea-based, non-toxic fluid that transforms harmful Nitrogen Oxide (NOx) emissions into harmless water vapor and nitrogen. It is stored onboard all diesel vehicles in a special independent tank. The fluid is pumped into the exhaust system where it reacts with NOx and results in reduced emissions.



Automatic Nozzle
Shuts off automatically when DEF tank is full. Prevents overfilling and spillage.



Digital Flow Meter
In-line meter can be reset after each use. Display shows total amount used for each fill-up as well as the gross total of fluid pumped.



DEF Series Pump
The pump features a submersed impellor, filtered air vent and sealed bung adapter.

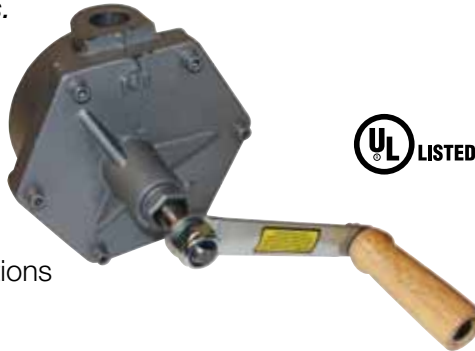
Two-Way Rotary Hand Pump

JDI-35

Designed to dispense gasoline, diesel fuel, kerosene, transmission fluid, hydraulic fluid and other light based petroleum products. Two-way operation allows dispensing or siphoning. Used with Fuel Chief "FC" Model Gas Caddies.

Features include:

- UL Listed
- Self-priming
- Heavy-duty cast iron design
- Carbon vanes and Viton seals
- Pumps one gallon per 12 rotations



Heavy-Pump Kit

JDI-35-KIT

Fits 5- to 55-gallon drums

Includes:

- UL Listed two-way pump
- Ground strap and clamp
- 3-Piece suction tube
- 8' hose assembly
- Buttress adapter (for use with Poly Gas Caddy only)



Two-Way Economy Rotary Hand Pump

JDI-RP12

For use with gasoline, diesel fuel, kerosene, transmission fluid and other light based petroleum based products.

Features include:

- Two-way operation for dispensing or siphoning
- Heavy-duty cast iron design
- Pumps one gallon per 12 rotations
- Carbon vanes



Economy Pump Kit

JDI-RP12-Kit

Includes :

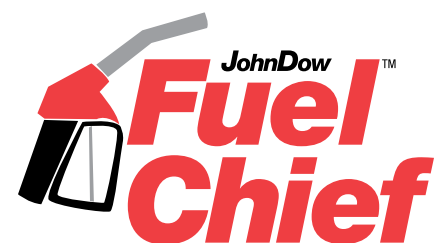
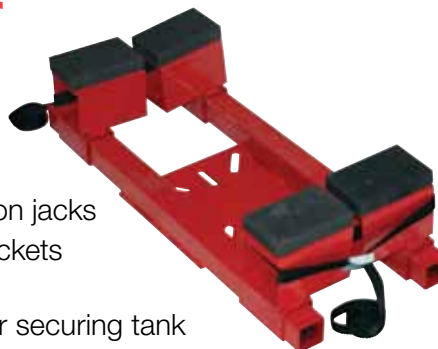
- Economy two-way pump
- Ground strap and clamp
- 3-Piece suction tube
- 8' hose assembly
- Buttress adapter (for use with Poly Gas Caddy only)



Fuel Tank Adapter

JDI-FTA7

- Makes fuel tank removal safe and easy
- Works with most transmission jacks
- Four adjustable support brackets with foam pads
- Includes two nylon straps for securing tank
- Weight: 45 lbs.



Portable Fuel Storage & Handling

FUEL CHIEF Parts & Accessories

8' Replacement Hose

80-593

For models:
JDI-25GC
FC-25GC
JDI-25GC-P1



8' Replacement Hose

80-593NI

With Nickel Plated Fittings

For models:
FC-P30
FC-P30-A
FC-P30-UL



FC-P30A-UL

11' Replacement Hose

JDI-25GC-LRJSH

Designed for Land Rover, Jaguar and other vehicles requiring a longer siphon hose.

11' length with reinforced tip



10' Replacement Hose

GCH-1

For model:
JDI-25GCP-1



In-Line Fuel Filter

GC-FF

(For use on JDI-25GC and FC-25GC)

Includes:

- 3/4" NPTF In-line filter adapter
- 1 (one) 10 micron fuel filter



Dispensing Nozzle

JL-5116-1

For model:
JDI-25GC-P1
JDI-25GC-P
JDI-25GC-PK
JDI-25GC-PD



Buttress Adapter

560101

Replacement adapter for JDI-35-KIT and JDI-RP12-KIT

For models:
JDI-25GC-P1
JDI-25GC-P2



10" Rear Wheel

25GC-RW

For models:
JDI-25GC
JDI-25GC-E85



12" Rear Wheel

30GC-52

For models:
FC-P30



Two-Way Fuel Filter

JDI-FF25

(For use on JDI-25GC and FC-25GC)

Automatically filters fuel in both directions – siphoning or dispensing.

Includes:

- 2 (two) 10-micron filters
- Supply hose
- Mounting hardware



5" Locking Front Caster

30GC-48

For models:
FC-P30
FC-P30-A
FC-P30-UL
FC-P30A-UL



Fuel Gauge Assembly

25GC-FG

For models:
JDI-25GC
FC-25GC



Pump Repair Kit

JDI-35-PRK

Kit includes new carbon vanes and gasket.



Replacement Fuel Filters

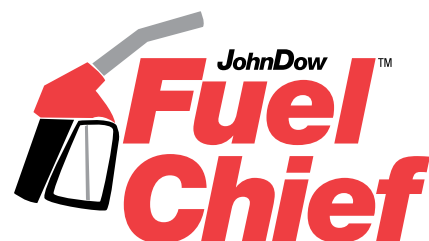
For models:

FC-P30
JDI-FF25
JDI-25GC-E85
FC-P30-UL
FC-P30A-UL

FC-P30-A
GC-FF



1M-FF	1 Micron
10-MFF	10 Micron
30M-FF	30 Micron



Portable Fuel Storage & Handling

www.johndow.com



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Environmental safety and responsibility is a primary goal when handling used oil. The JohnDow brand of products helps meet those goals with time proven products that include aboveground used oil storage systems and used oil filter crushers. These products help protect the environment as well as promote the recycling of used oil. In addition, the JohnDow line includes a balance of products for oil and grease dispensing and products for general service work.

JOHNDOW Aboveground Used Oil Storage Systems

Used oil evacuation, storage and transfer is safer, cleaner and faster with a pump-assist system from JohnDow Industries.

Ideal for new car dealers, tire and automotive service stores and dealers, heavy-duty fleet owners and operators and municipal garages.



AGS-285-D

Benefits

Easy-to-Use

- Used oil is quickly transferred from the collection drain to the storage tank
- Air operated diaphragm pump has a 30 gpm capacity
- A standard 16-gallon drain can be emptied in less than 60 seconds

Efficient & Time Saving

- No time wasted waiting for collection drains to empty – especially in colder conditions
- No lifting of heavy used oil drains to empty into storage tanks

Keeps Shop Area Clean

- Helps prevent spillage and the mess caused from used oil
- Helps comply with EPA guidelines for spill prevention and control

Environmentally Safe

- Built, tested and labeled per UL 142 specifications for aboveground steel storage tanks
- Designed specifically in accordance with the Uniform Fire Code and NFPA 30
- Double-wall construction provides 110% secondary containment
- Automatic pump shut-off prevents overfilling of tank

Easy-To-Install

- Systems can be operational in no time
- Requires regular shop air – at least 80 psi
- Everything is included for quick installation
- Optional venting may be required – check local regulations
- Separate equipment packages and plans are available for remote installation

Important Installation Information

Before purchasing a used oil storage tank or system be sure to check the local regulations. Many cities and municipalities require a permit for used oil storage. Check with your local building department or fire marshal.

If you need assistance with installation and/or permitting, call us. JohnDow Industries has been designing and permitting aboveground tanks for over 20 years with 1000's of installations across the country. Let our experienced personnel make the process easy.

Features include:

- UL Listed double-wall tank provides 110% secondary containment
- Meets UL 142 specifications as well as the requirements of Uniform Fire Code and NFPA 30
- Workbench style tanks in 180-, 285-, and 500-gallon capacities
- Vertical-style for space saving is available in a 245-gallon capacity
- UL Listed, 1" air-operated diaphragm pump has a 30 gpm capacity
- Automatic pump shut-off to prevent overfilling
- 3/4" x 10' suction hose with quick-connect coupler
- 2" drop tube with camlock fitting and dust cover
- Air filter/regulator
- Easy-to-read level gauge
- High gloss enamel finish
- Protective cover for pump and shut-off valve

Specifications:

Model No.	Style	Capacity (Gal)	Dimensions (LxWxH)	Weight
AGS-180D	Workbench	180	56" x 28" x 40"	725 lbs.
AGS-245D	Vertical	245	40" x 37-1/2" x 69"	1100 lbs.
AGS-285D	Workbench	285	67" x 31" x 42"	1100 lbs.
AGS-500D	Workbench	500	82" x 49" x 40"	1300 lbs.



AGS-245-D



1" Air Diaphragm Pump
 With a 30 gpm capacity catch containers are quickly emptied. A filter-regulator and air valve is included. Just connect shop air and it's ready to use.



High-Level Shut-Off Valve
 This special valve prevents the operator from overfilling the tank and causing a spill. When the tank level gets to the maximum safe capacity the valve will automatically shut-off the air supply to the pump. Until the tank is emptied, the pump will not work.



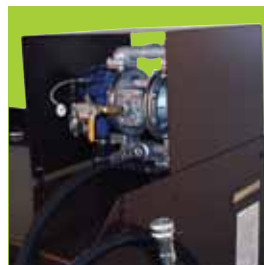
10' Evacuation Hose
 The 10' hose is equipped with a quick-connect coupler making emptying a used oil drain easy and clean. A hanger bracket on the tank keeps the hose out of the way until needed.



Camlock Coupler
 A 2" camlock coupler makes it easy for the used oil recovery company to hook-up and empty the tank.



Fluid Level Gauge
 An easy-to-read fluid level gauge shows the operator the remaining tank capacity and is a reminder to have the tank emptied.



Protective Cover
 Both workbench and vertical style tanks are equipped with a protective cover that shields the diaphragm pump, auto shut-off valve and fittings.

JOHNDOW Oil Filter Crushers

The best solution for the storage and disposal of used oil filters. Assures compliance with federal, state and local regulations for draining oil filters.

Models designed for both automotive and heavy-duty truck filters. Rugged steel construction and air/hydraulic design for long-lasting operation.

Benefits of Crushing

More Effective Method than Puncturing

- Crushing removes 95% of the residual oil that cannot be removed by the hot-draining method
- Tests show that on average draining a filter removes only 47% of the oil
- Crushing reduces the amount of oil that seeps out into trash cans, onto floors and in trash disposal containers
- No pre-draining of filters is required

Solves Compliance Problems

- A crushed filter is no longer considered a hazardous waste and is ready for disposal or recycling
- Many state requirements for used oil filter disposal are more stringent than federal regulations. Check local rules before disposing of crushed filters

Solves Storage Problems

- Eliminates the “pile-up” of used filters in drain funnels and storage cans
- Filter size is reduced by 75% to 80% allowing more filters to be stored for recycling pick-up
- A 55-gallon drum will hold 600-800 crushed filters versus 200 uncrushed filters
- Crushing cuts disposal costs

Good for the Environment and For Business

- Steel from the filter can be recycled
- Residual used oil can be recycled – eliminates water contamination if disposed of in a landfill
- Promotes a cleaner work environment and improves business image



AFC-100-94

(stand sold separately)



HDC-150-94

(stand sold separately)

Used Oil Filter Draining & Disposal

According to federal regulations, used oil must be properly removed from an oil filter prior to disposal. Used oil filters must be hot drained using one of four distinct methods. The two methods listed below are the most commonly used and practical for most repair shops:

- **Puncturing and Draining**

The filter must be punctured with a screwdriver or punch that will allow air to evacuate the remaining oil. Hot-draining means draining the oil at near engine temperature. The filter must be placed gasket side down in a drain pan and left to drain for 12-24 hours.

- **Crushing**

The filter is crushed by a mechanical, pneumatic or hydraulic device squeezing out the remaining oil and compacting the remaining filter materials.

For additional information on specific used filter disposal regulations in your state visit www.ecarcenter.org.

Features include:

- Air/hydraulic operation for maximum crushing force
- Unitized construction for easy maintenance
- Door channel prevents drips and leakage
- Locator pins help center filter in the chamber
- Safety switch prevents operation when door is open
- Optional wall bracket and floor stands available
- Requires air filter/regulator/lubricator (Not included)

Specifications:

	AFC-100-94	HDC-150-94
Height	28-1/2"	40"
Width	12-3/4"	12-3/4"
Depth	12-3/4"	12-3/4"
Max Filter Height	7-1/2"	13"
Max Filter Diameter	6"	6"
Crushing Force	10 tons	15 tons
Pump/type	Air/Hydraulic	Air/Hydraulic
Weight	111 lbs.	150 lbs.

Floor Stands & Accessories

Standard Floor Stand

FS-200

- Measures 16" W x 18" D x 31" H
- Accommodates a 5-gallon bucket to catch residual oil
- Weight: 25 lbs.



Heavy-Duty Floor Stand

FS-400

- With Filter Drain
- Measures 38" W x 23" D x 38" H
- Accommodates a 16-gallon drum to catch residual oil
- Includes an area to drain used filters before crushing
- Weight: 55 lbs.



Filter/Regulator/Lubricator

No. FRL-1

For long-term and trouble-free operation of the air/hydraulic pump it is important that the air supply be filtered for moisture.

The FRL-1 is an all-in-one unit and is required for use with the AFC-100-94 and HDC-150-94. Weight: 1 lb.



Heavy-Duty Floor Stand

FS-300

- Measures 23" W x 23" D x 36" H
- Accommodates a 16-gallon drum to catch residual oil
- Weight: 40 lbs.



Wall Bracket

WB-200

- Recommended for AFC-100-94 only
- Weight: 8 lbs.



JOHNDOW Air Operated Oil and Grease Systems

Air Operated Grease Delivery Systems

Professional Quality. Complete Packages – includes all required equipment. Designed for 35 lb., 120 lb. and 400 lb. grease containers. Built for durable and reliable operation.

Features include:

- Powered by 50:1 ratio high pressure pump
- Non-corrosive design for long-term use
- Heavy-duty control handle
- Z-swivel for ease-of-use
- Includes drum cover, follower plate and 8' outlet hose



Specifications:

Pressure Ratio	50:1
Air inlet pressure	70 – 115 psi
Air inlet connection	1/4" NPT (Female)
Air motor effective diameter	2.4" (63mm)
Max pressure	5600 psi
Outlet connection	1/4" NPT (Male)

Model No.	Container	Pump	Hose	Drum Cover	Control Handle	Follower Plate	Swivel	Wgt.
JDL-5	35 lb.	JDL-3640	JDH-1014	JD-3565	JD-3560	JD-3570	JD-3840Z	22 lbs.
JDL-16	120 lb.	JDL-3650	JDH-1014	JD-3566	JD-3560	JD-3571	JD-3840Z	27 lbs.
JDL-16C			(Same as JDL-16 but includes caster base)					
JDL-55	400 lb.	JDL-3655	JDH-1014	JD-3567	JD-3560	JD-3572	JD-3840Z	35 lbs.

Air Operated Oil Delivery Systems

Complete Packages – includes all required equipment. For motor oil, synthetic oil, hydraulic oil and ATF. Designed for 16-gallon and 55-gallon drums.

Features include:

- Powered by 3:1 ratio medium pressure pump
- Differential air motor ensures smooth pumping
- Heavy-duty control valve
- 10' delivery hose



Specifications:

Pressure Ratio	3:1
Air inlet pressure	70 – 115 psi
Air inlet connection	1/4" NPT (Female)
Air motor effective diameter	2.49" (63mm)
Max pressure	348 psi
Outlet connection	1/2" NPT (Male)

Model No.	Container	Pump	Hose	Delivery Gun	Cover	Weight
JDOL-16	16-gal	JD-3610	JDM-1038	JD-3930	JD-3566A	26 lbs.
JDOL-55	55-gal	JD-3615	JDM-1038	JD-3930	NA	22 lbs.

Portable Oil & Fluid Dispensers

Versatile dispensers are completely portable with air pressure charge. For motor oil, synthetic oil, ATF and other light fluids. 5-gallon and 15-gallon capacity models.

Features include:

- Heavy-duty steel construction
- No continuous air supply required after unit is pressurized
- Completely portable
- Sight tube shows tank fluid level
- Pressure gauge and relief valve ensure proper pressurization
- 2" spout with cap for easy filling
- Includes delivery gun with flexible spout
- 6-1/2' delivery hose

Specifications:

	Model JDI-5DP	Model JDI-15DP
Gallons	5-gallon	15-gallon
Functional capacity	4-gallon	12-gallon
Material	Steel	Steel
Wheels – front	n/a	7" Fixed
Wheels – rear	4" Swivel Casters	7" Fixed
Max working pressure	145 psi	145 psi
Air inlet connection	1/4" NPTF	1/4" NPTF
Weight	48 lbs.	55 lbs.



Grease System Accessories

Grease Control Valves

Rigid or flexible outlet.

- 1/4" NPT inlet
- Develops up to 6700 psi

JD-3560	Rigid Outlet	1.5 lbs.
JD-3560F	Flexible Outlet	1.5 lbs.



8' Grease Delivery Hose

JDH-1014

- SAE 100 R2 working pressure
- 5000 psi rating
- 1/4" male and female fittings
- Weight: 4 lbs.



Z-Swivel

JD-3840Z

- 1/4" male x 1/4" female
- 360° swivel
- Weight: 0.5 lbs.



Electronic Meter Guns for Oil, ATF, Gear Oil and other compatible products

Non-Preset Electronic Meter Gun

JD-3900

- Easy-to-read LCD display
- Measures in quarts and liters
- Non-drip nozzle
- Includes flex spout with automatic tip
- Weight: 4 lbs.



Preset Electronic Meter Gun

JD-K500

- Easy-to-read LCD display
- Measures in pints, quarts, gallons and liters
- Up to five different preset quantities
- Tip rotates 90°
- Includes rigid spout with automatic tip



Manual Oil Delivery Guns & Hose

Oil Gun with Rigid Spout

JD-3930

- Semi-automatic tip
- Handle lock
- Weight: 1.5 lbs.



Oil Gun with Flexible Spout

JD-3940

- Automatic tip
- Handle lock
- Weight: 1.5 lbs.



Oil Delivery Hose

JDM-1038

- 3/8" I.D. x 10' long
- Fittings 1/2" M x 1/2" M
- 2500 psi rating
- Weight: 4 lbs.



JOHNDOW

Professional Series Hose Reels

Designed for durable and dependable operation. Air, oil, and grease applications.

Features include:

- Heavy-duty steel construction
- Corrosion resistant powder-coat finish
- 7" wide "L" shaped base for positive support
- Four-direction non-slag rollers reduce hose wear and abrasion
- Spring is fully enclosed and lubricated
- Full-flow swivel prevents leakage
- Guide arm is adjustable up to 9 positions permitting wall, ceiling or floor mount.



Adjustable Guide Arm
Guide arm adjusts to nine different positions allowing for a variety of installation options.



Four-Direction Hose Rollers
Hose wear and abrasion is reduced with the four-direction hose guide.



Specifications:

Model No.	PSI Rating	Hose Size	Hose Length	Weight
Low Pressure for Air, Water & Antifreeze				
JD-3850	300 psi	3/8"	50'	53 lbs.
JD-1250	300 psi	1/2"	50'	59 lbs.
Medium Pressure for Motor Oil & ATF				
JDM-3850	2250 psi	3/8"	50'	53 lbs.
JDM-1250	2250 psi	1/2"	50'	57 lbs.
High Pressure for Grease				
JDH-1450	5000 psi	1/4"	50'	53 lbs.

T.O.M.C.A.T. – Air-Assisted Multiple Camber Adjustment Tool

TC-614

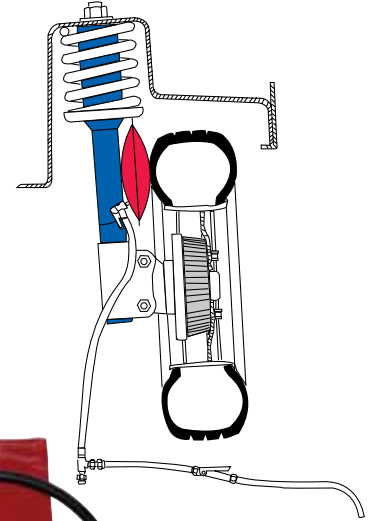
Makes camber adjustment a one-man job. Works on many GM and Chrysler vehicles using two-bolt lower strut mounts. Inflatable air bladder fits between tire and strut for easy and controlled adjustment of camber settings.

Easy-To-Use

1. With strut mount bolts loosened, place the T.O.M.C.A.T. between the tire and strut.
2. Inflate the T.O.M.C.A.T. to push the wheel to a positive camber position.
3. To adjust the camber, slowly release air from the T.O.M.C.A.T. until the wheel retracts to the specified alignment setting.
4. Tighten the bolts and the adjustment is done.

Includes:

- 2' air hose and air bladder
- Air control valve for inflating and controlled deflating
- Safety relief valve to prevent overinflating
- Weight: 2 lbs.



Portable Exhaust Extraction System

EV-5100

The practical and affordable solution for removing exhaust fumes from garage service areas. Portable extractor captures fumes from the vehicle and discharges them safely up to 30' away. Can be moved anywhere exhaust removal is needed.

Features include:

- 3/4-HP fan produces 330 cfm air flow
- Fan is mounted in tough, roto-molded polyethylene “flow-through” case
- Mobile base makes the EV-5100 easy to position behind the vehicle
- Height position is controlled by a quick-release, spring-loaded cam
- The discharge hose stores neatly when not in use
- Optional “Y” hose adapter available for dual-exhaust vehicles



Specifications:

Dimensions	24" W x 24" D x 35" H
Motor	3/4-hp – 330 cfm
Discharge hose	30'
Electrical outlet	110V
Weight	86 lbs.



“Y” Hose Adapter

EV-ADPT

- For use with dual-exhaust vehicles and motorcycles
- Works with standard 3" exhaust hoses and “Y” hose adapters
- Does not include hose or tailpipe adapters
- Weight: 2 lbs.

JD JohnDow
Automotive Service Equipment

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QR Codes

For additional information and short videos on our products, scan the QR codes that are next to certain products in this catalog. These codes can be scanned with a smartphone, QR code reader or tablet device.



Headquartered in its 110,000 sq. ft. manufacturing and distribution center in Barberton, Ohio, JohnDow Industries has provided the automotive aftermarket with quality products for a variety of service applications for over 30 years. We are proud of our company, our employees, our extensive and growing product brands, and our long term and valuable customer relationships.

Please visit our website at www.johndow.com for additional information concerning:

- Featured products
- Product photos
- Product videos
- Distributors
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- Sale literature and catalogs
- Management and staff information
- News, press releases and events

Thank you for your interest in JohnDow Industries. We look forward to serving you!



Performance, Reliability, Commitment.

**For more information on JohnDow,
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