

SERVICE BULLETIN SB4028
New Release 1/03

Balcrank

Lowrider Truck Drain Model #4120-001





Thoroughly read and understand this manual before installing, operating or servicing this equipment.


Operation, Installation,
Maintenance and Repair Guide

GENERAL SAFETY


| | |
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|  | <p>⚠ IMPORTANT</p> |
| <p>Read these safety warnings and instructions in this manual completely, before assembly and use of this truck drain. It is the responsibility of the purchaser to retain this manual for reference. Failure to comply with the recommendations stated in this manual could damage the truck drain and void factory warranty.</p> | |


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|  | <p>⚠ WARNING</p> |
| <ol style="list-style-type: none"> 1) Use the equipment only for its intended use. This equipment is intended for collection of motor oil, transmission fluid, antifreeze, and gear oils only. Any other use or collection of any other fluids could result in damage to the equipment or serious bodily injury. 2) Never alter or modify any parts of this product; doing so may cause damage and/or personal injury. 3) Always read and follow the fluid manufacturers's recommendations regarding the use of protective eye wear, clothing, gloves, and other personal equipment. 4) Comply with all applicable local, state, national fire, electrical, and safety regulations. Dispose of waste fluids according to all local, state, and national guidelines. 5) Do not lift this product or lift the unit to drain fluids without mechanical assistance. | |

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|  | <p>⚠ WARNING</p> |
| <p>Airborne particle hazards. Wear ear and eye protection.</p> | |

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|  | <p>⚠ WARNING</p> |
| <ol style="list-style-type: none"> 1) If you are using this unit with an evacuation system, make sure the pumping system is installed according to the manufacturer's recommendation. 2) Drain only the following liquids into the truck drain: motor oil, transmission fluid, antifreeze, and gear oil. 3) Provide fresh air ventilation to avoid the buildup of flammable fumes. 4) Extinguish all open flames in the work area. 5) Do not smoke in the work area. | |

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|  | <p>⚠ WARNING</p> |
| <p>Do not drain caustic or flammable products.</p> <p>Do not expose the tank to any source of heat.</p> <p>Do not do any welding on the tank.</p> <p>While draining high temperature oils, keep hands, face, and other body areas protected.</p> | |

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|  | <p>⚠ WARNING</p> |
| <p>Do not step on or stand on truck drain.</p> <p>The grate could collapse or the truck drain could roll out from under you.</p> | |

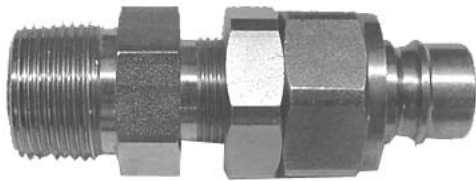
| | |
|--|-------------------------|
|  | <p>⚠ WARNING</p> |
| <p>You must have the discharge port secured with a closing connector (I.E. ball valve or dry break coupler.) before using.</p> | |

GENERAL DESCRIPTION

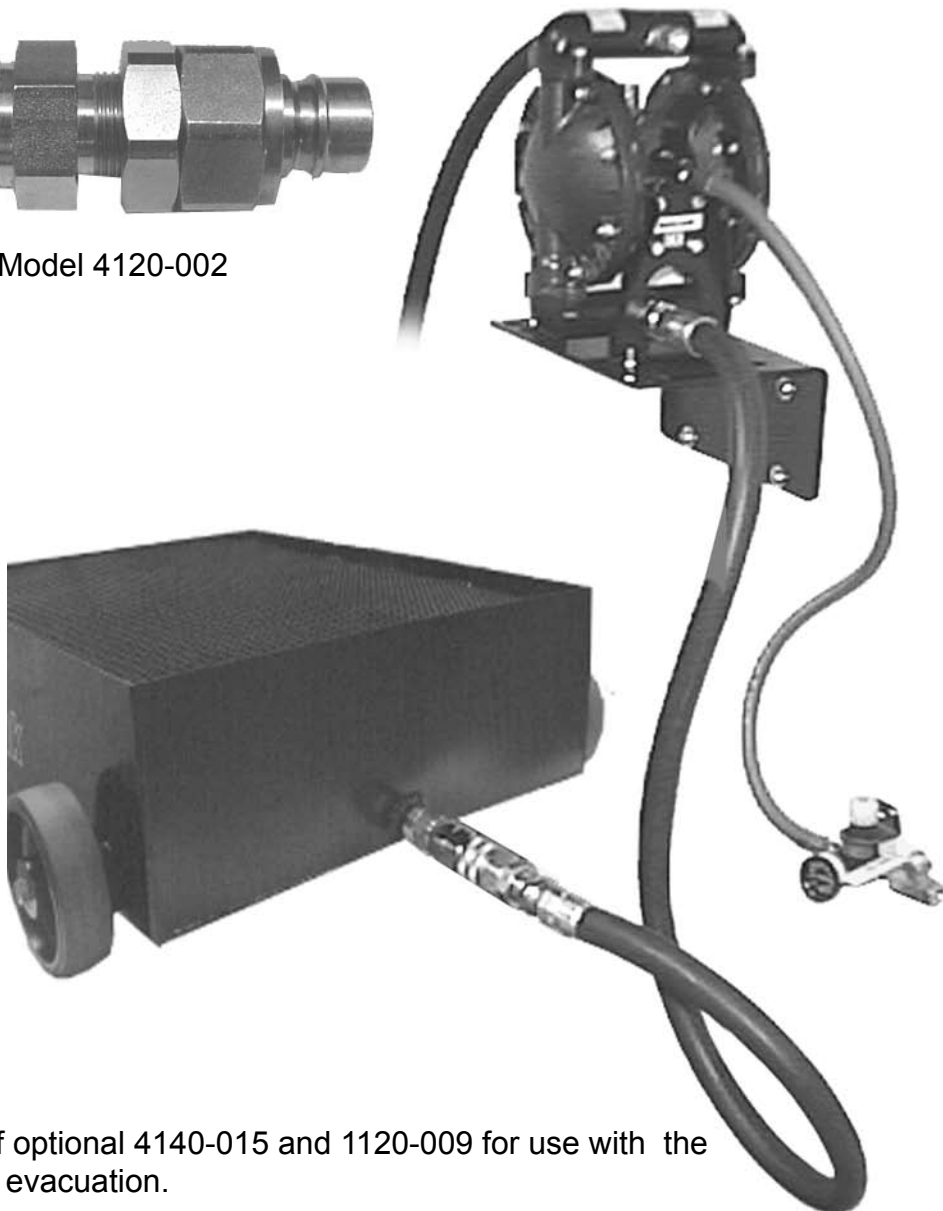
Model 4120-001 Lowrider Truck Drain has a capacity of 25 gallons. It easily rolls on three 6-inch rubber-tired wheels with roller bearings. The hinged tee handle steers the front wheel for maneuvering. The double baffles and catch lip help prevent oil from splashing out. It has an 1" NPT drain port with plug for draining. Model 4120-002 is an optional kit for drain outlet. Optional model 4140-015 is a used oil hose kit that couples with the optional 1120-009 diaphragm pump for evacuation.

SPECIFICATIONS

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| Capacity..... | 25 gal/94.6 ltr |
| Tank dimensions: | |
| Height | 8 in/20 cm |
| Width | 24 in/61 cm |
| Length..... | 30 in/76 cm |
| Height with Wheels..... | 9.5 in/24.1 cm |
| Drain Outlet | 1 in NPT/2.5 cm NPT |
| Dry Weight..... | 75 lbs./34 kgs. |





Model 4120-002



Hook-up of optional 4140-015 and 1120-009 for use with the truck drain evacuation.

ASSEMBLY

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|  | Caution |
| <p>This rolling truck drain is intended for use only on flat horizontal surfaces. Sloped surfaces can cause the rolling truck drain to move out of position.</p> | |

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|  | WARNING |
| <p>Never remove the grill or insert a finger into the drain port when vacuum evacuation of the contents is being performed.</p> | |

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|--|----------------|
|  | WARNING |
| <p>Do not lift this product without mechanical assistance.</p> | |

1) Attach the two back wheels. Slide the 2" long bolt through sleeve and insert through wheel. Thread bolt into nut which is pre-attached on truck drain frame. (See Figure #1)



Figure #1

2) Attach front bracket. Slide bracket onto pin located on the front of the truck drain with forks facing forward. Insert cotter pin through hole and bend ears back. (See Figure #2)

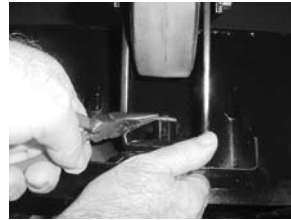


Figure #2

3) Attach front wheel and bottom part of tee handle to the front wheel bracket. With the curve of the tee handle turned to the truck drain, align the tee handle, bracket and wheel so that the 5" long bolt will slide through all. Tighten with lock nut. (See Figure #3)

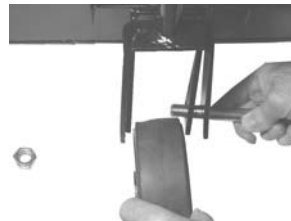


Figure #3

4) Attach top part of tee handle. Slide upper tee handle onto lower part and slide bolt through all, then tighten with lock nut. (See Figure #4)



Figure #4

5) Install a closing connector (I.E. ball valve or dry break coupler). Place grill on truck drain.

OPERATION

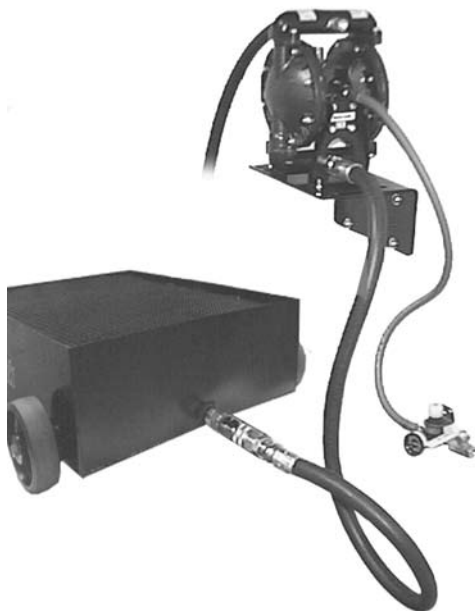
Draining fluids into the drain

The truck drain must have a port closing device connected before use. If using optional kit 4120-002, attach thread adapter to drain outlet then the dry break coupler. Use sealant to insure a leak-free connection.

1) Make sure the grill is in place before use. This allows the user to drain filters and prevents the loss of plugs and tools in the drain.

2) Using the handle, position the drain under the vehicle where the oil will be drained. **Once in place, position the handle out of the traffic area. Failure to do so could cause a tripping hazard.**

Hook-up of optional 4140-015 and 1120-009 for use with the truck drain for evacuation.



Emptying fluids from the drain



CAUTION

The Lowrider truck drain is designed to hold up to 25 gallons of used oil before draining the system. The level of oil should never exceed the height of the grate. Always be sure there is enough room in the drain before additional oil is added. It is recommended that the fluid is drained frequently to avoid the risk of spilling and emissions of waste materials and gases from the fluids.

Position the truck drain where it will be emptied. Make sure you use an approved waste container.

1) If using gravity to drain, remove drain plug or open ball valve and allow the fluid to drain into the waste container.

2) If using the optional evacuation kit 4140-015 and 1120-009 pump, couple the hose from the pump to the coupler on the drain and start the pump.

3) After emptying the drain, replace drain plug or close ball valve. If evacuated with pump, turn off pump and disconnect hose.

Balcrank Lubrication Equipment Warranty Statement

All Balcrank equipment sold by authorized Balcrank distributors is warranted to their original customer to be free from defects in materials and workmanship for a period of one year from the date of sale to that customer. Selected Balcrank equipment carries warranty terms for a more extended period as defined in the Balcrank Lubrication Equipment & Accessories User Price List, wherein a "lifetime" warranty represents a warranty period of thirty years. Within the initial one-year warranty period, Balcrank will repair or replace all Balcrank equipment determined by Balcrank to have defective materials or workmanship. For equipment carrying more extended warranties, Balcrank will repair or replace the product including parts and labor during the first full year and will provide parts only for the remainder of the warranty period.

This warranty applies only to equipment installed and operated according to applicable Balcrank Service Bulletins and Installation Instructions.

Any equipment claimed to be defective must be returned, freight prepaid, to an Authorized Balcrank Service Center (ASC). Upon receiving candidate warranty equipment from a customer, ASC will: 1) diagnose to determine the warrantable condition of the equipment, 2) submit, prior to repair or replacement, a request to Balcrank for warranty authorization, then 3) in cooperation with Balcrank, proceed with repair locally or forward the equipment to Balcrank and obtain replacement. If the part(s) or equipment items are found defective upon inspection by Balcrank, they will be repaired or replaced, and then will be returned to the ASC. If Balcrank finds the claimed part(s) or equipment not to be defective, the ASC will receive written authorization from the original customer, and then repair them for a reasonable charge to the customer, which will include all applicable parts, labor, and return transportation costs.

Optionally, the customer may submit certain eligible products directly to Balcrank for warranty return by using Balcrank Lubrication Equipment Direct Service Warranty Procedure. Eligible products are defined in the Balcrank Lubrication Equipment & Accessories User Price List. Refer to the Balcrank web site www.balcrank.com for a copy.

Any equipment returned to Balcrank must have the Warranty Service Claim number (WSC#) clearly marked on the outside of the carton. Balcrank's sole responsibility is for defects in material and workmanship, and Buyer's sole and exclusive remedy hereunder, shall be limited to repair or replacement of the defective part or equipment.

This warranty does not cover, nor shall Balcrank be liable for repair or replacement of parts or equipment resulting from general wear and tear through use, or damage or failure caused by improper installation, abuse, misapplication, abrasion, corrosion, insufficient or improper maintenance, negligence, accident, alteration, or substitution of non-Balcrank parts.

Furthermore, the Warranty for Lubrication Equipment and Accessories does not cover the following specific conditions:

- Failure or damage to equipment caused by dirt or debris in compressed air lines and fluid lines. This includes, but is not limited to, clogged inlet filters, strainers, or regulators; fluid meters; control handles; fluid tips; and valves.
- Failure of normal wear parts including but not limited to: o-rings, packings, seals and valves unless originally improperly installed by the factory.
- Products placed in applications for which their use was not intended. Examples include but are not limited to Lubricant pump being used to pump solvents, or placing equipment intended strictly for indoor use outdoors
- Damage to equipment resulting from operation above and beyond Balcrank's recommendations.
- Leaks at air and fluid fittings and connections.
- Damage caused by thermal expansion whenever adequate pressure relief was not included in the system.
- Loose suction tubes on pumps.
- Incorrect hose reel spring tension, requiring adjustment.

THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL BALCRANK BE LIABLE FOR ANY SPECIAL, CONSEQUENTIAL, OR OTHER DAMAGES OF SIMILAR NATURE, INCLUDING BUT NOT LIMITED TO LOST PROFITS, LOST PRODUCTION, PROPERTY DAMAGE, PERSONAL INJURY, WHETHER SUFFERED BY BUYER OR ANY THIRD PARTY, IRRESPECTIVE OF WHETHER CLAIMS OR ACTIONS, LEGAL OR EQUITABLE, FOR SUCH DAMAGES ARE BASED UPON CONTRACTS, WARRANTY, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE. ANY CLAIM OR ACTION FOR BREACH OF WARRANTY MUST BE BROUGHT WITHIN TWO (2) YEARS FROM THE DATE OF SALE TO THE ORIGINAL CUSTOMER.

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SERVICE BULLETIN SB4028
New Release 2/03
831368