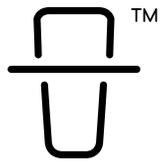




EarthBin® Silo™

SERVICE GUIDE



EarthBin® Silo™

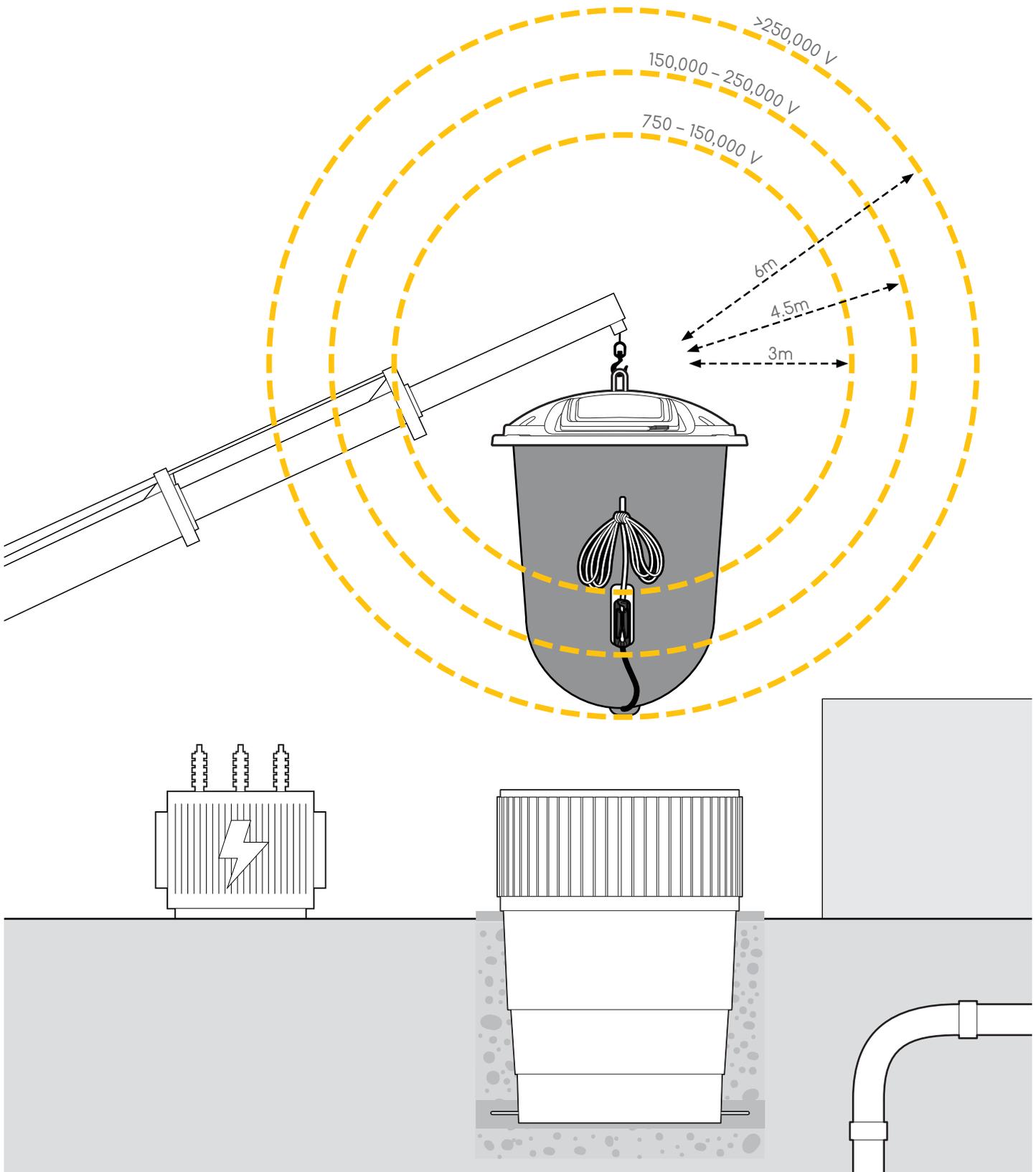
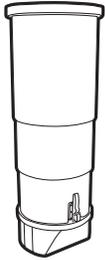


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Servicing the Rigid bag

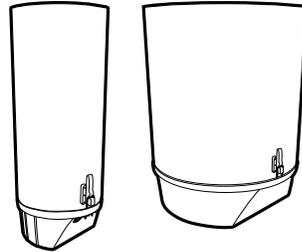
- 1.1.1 Parking
- 1.1.2 Stabilizing
- 1.1.3 Crane hook

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Servicing the Semi-Rigid bag

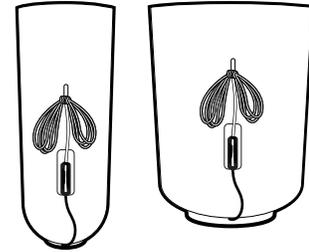
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- 3.2.4 Release rope
- 3.2.5 Empty bag

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- 3.3.2 Unhook

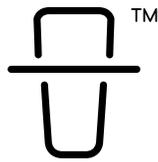
Steps to Servicing EarthBin SILO by a Crane Truck

The EarthBin SILO is a crane lift semi-inground waste and recycling container. EarthBin Silo is available in 5000 litre and 1300 litre sizes with various lifting bag options. More than half of the height of the bin is buried underground. For this reason, care is required when lifting the bin out of the plastic continuously moulded ground sleeve. The plastic ground sleeve is round, which allows the bin to rotate in any direction which allows the feed door to be aligned with the signage on the front of the bin.

The advantage of the EarthBin Silo is that it may be serviced from the side, front or rear side of the service truck and also that bins may be placed inline as one bin may be lifted over the other.

The owner of the EarthBin is responsible to inform the users and the waste hauler company in the proper and safe handling of the product. EarthBin Products has many resources available to provide education and training to the haulers. Please contact us at 1-844-213-BINS (2467) or earthbin@earthbin.com.

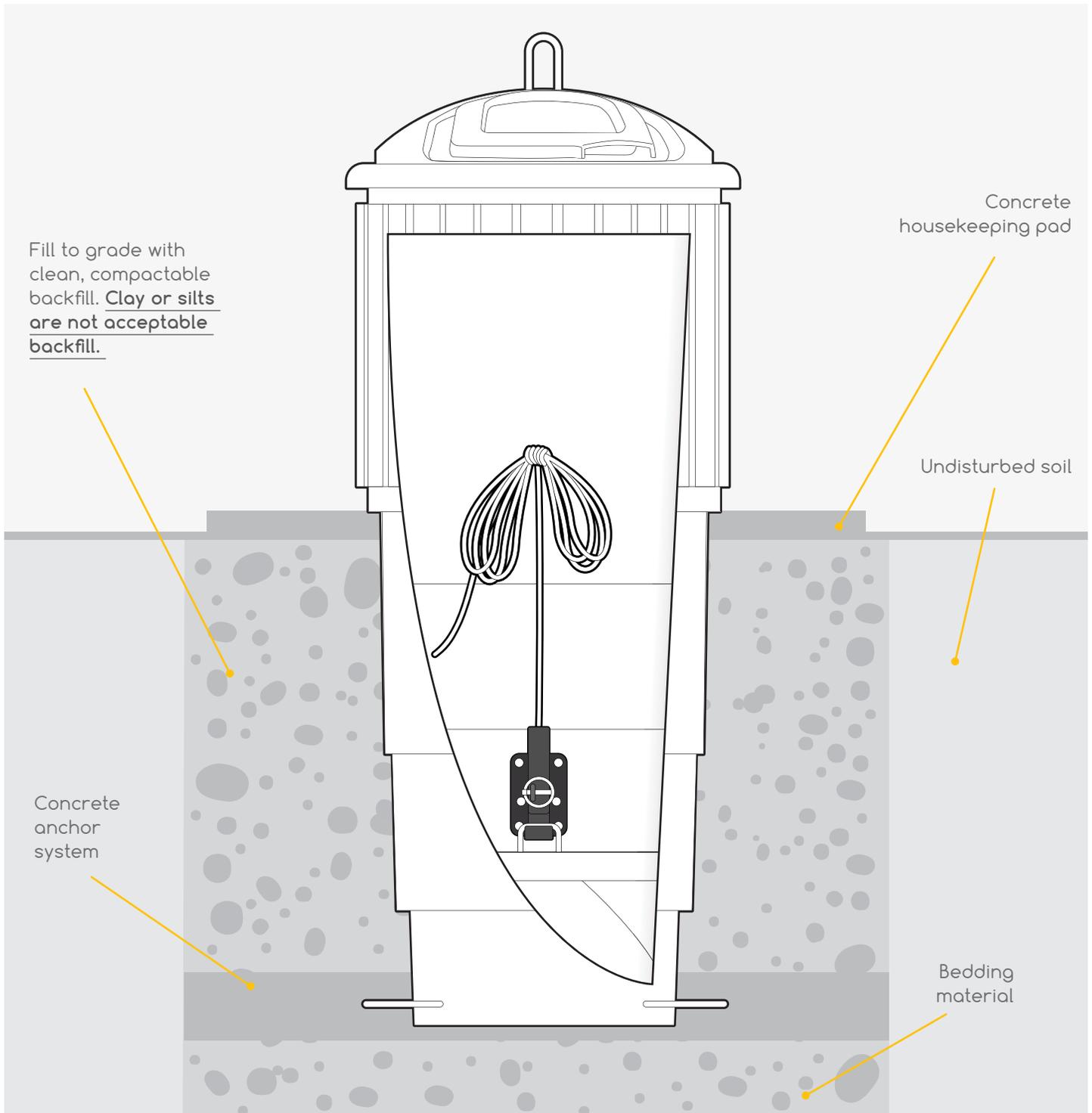




EarthBin® Silo™

RIGID BAG

TYPICAL INGROUND SECTION VIEW



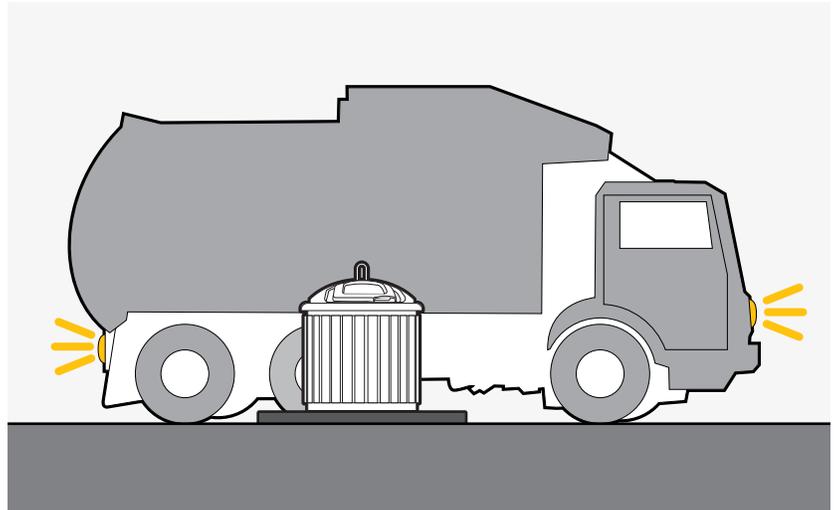
Rigid Bag shown

Protected by United States Patent No. 9,938,077

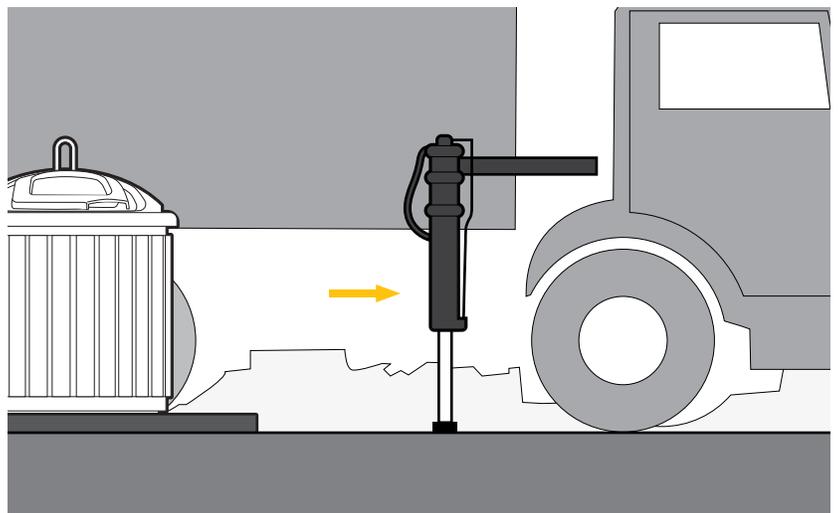
Steps to Servicing Semi-Rigid bag by Crane Truck

Note: Consult additional documentation for more detail.

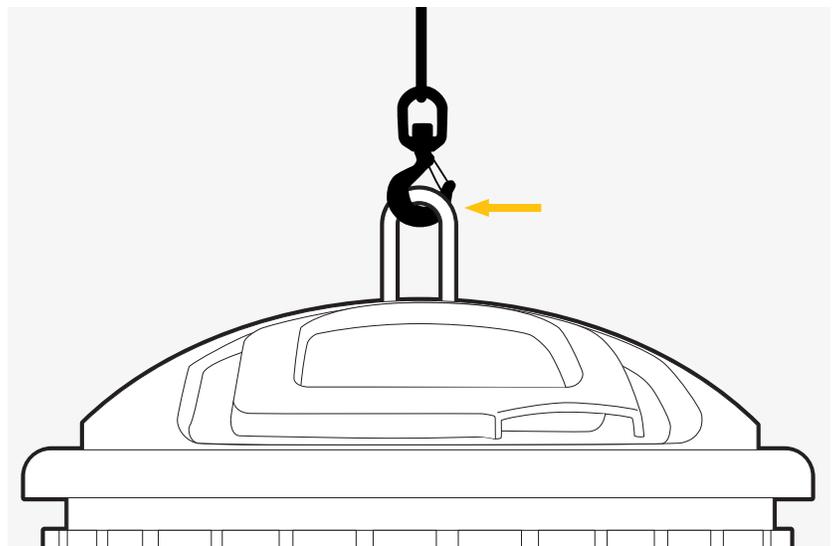
1.1.1 Ensure the truck is parked safely as per company safety protocols and 4-way hazard lights are activated prior to exiting the truck



1.1.2 Secure the truck stabilizers

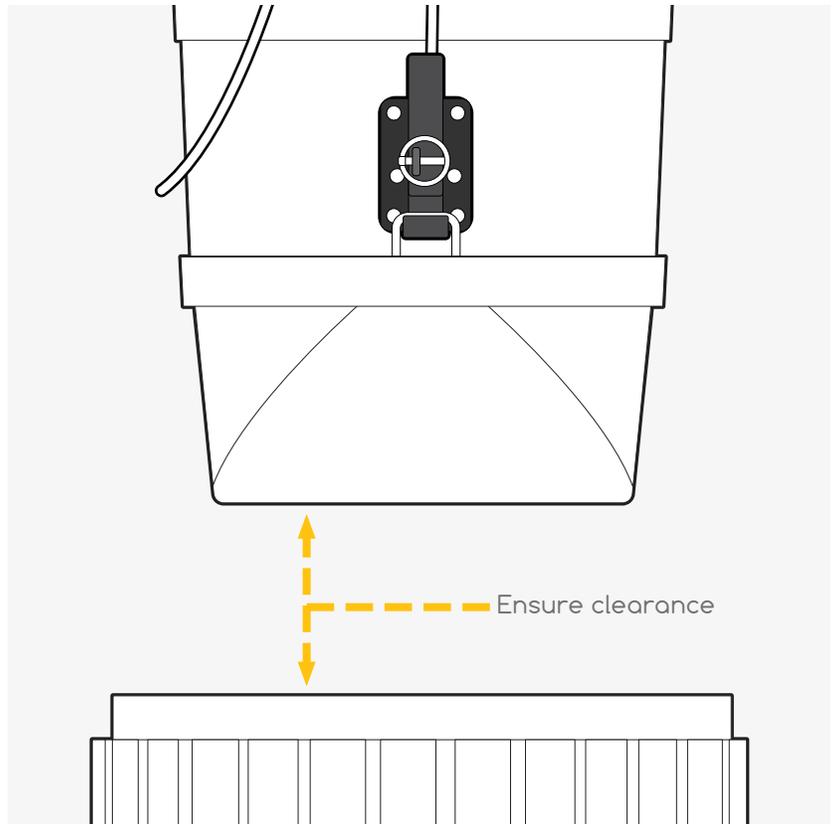


1.1.3 Extend the crane and attach the chain hook to the loop on the top off the bin

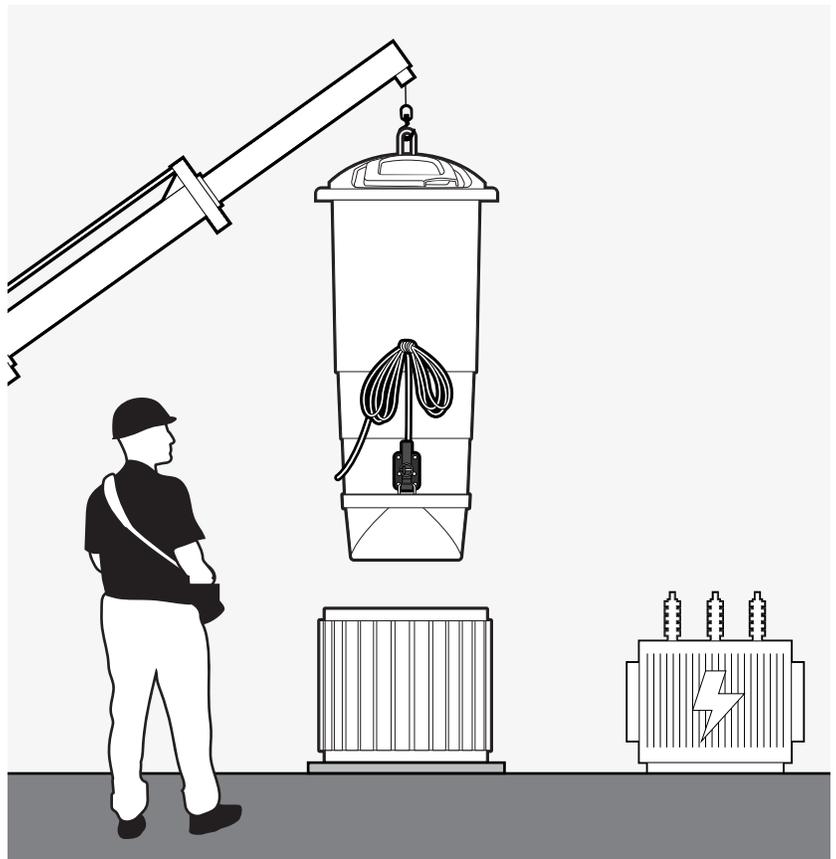


STEP 1.2.0 – Servicing Semi-Rigid & Rigid Bag

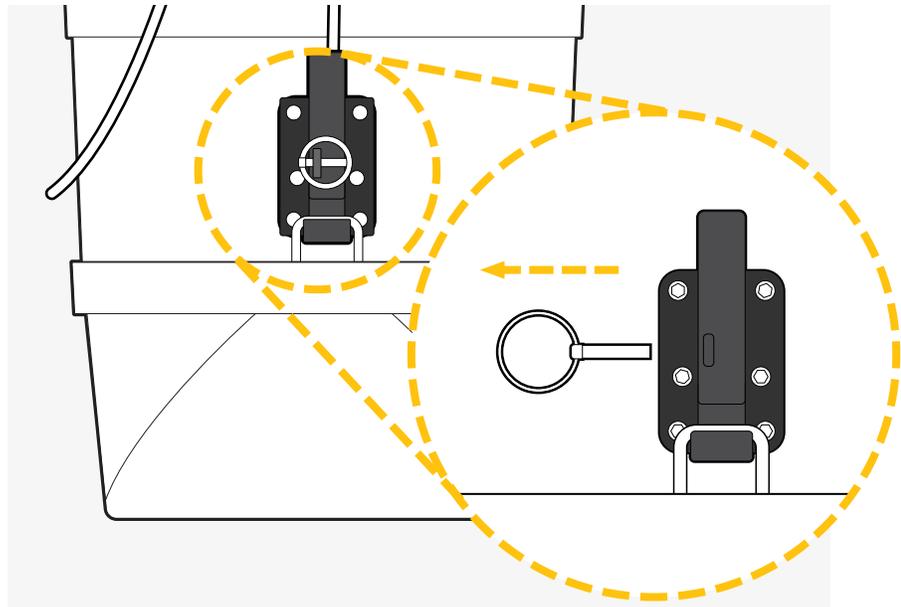
1.2.1 Extend the crane so it lifts the bag vertically upwards until the bottom of the bag is higher than the top of the fixed ground sleeve.



1.2.2 The operator ensures that the bag does not contact any obstacles while bag is moved to the truck hopper in preparation of being emptied.

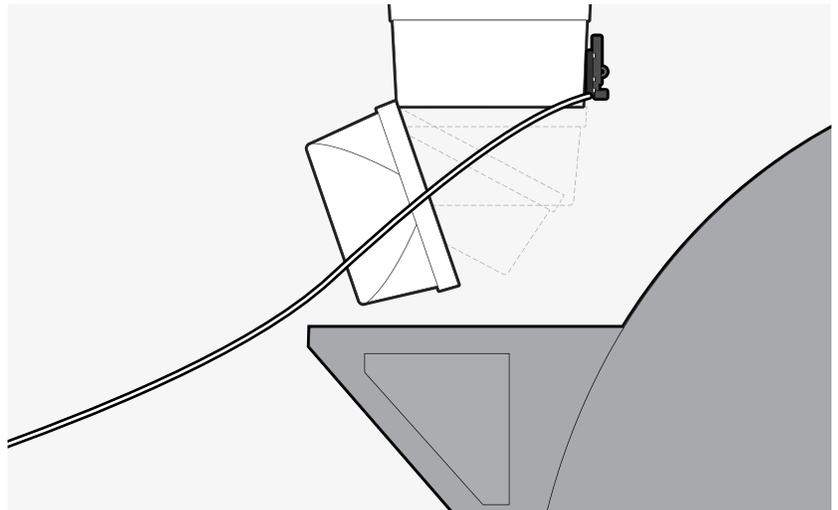


1.2.3 The bag is prepared to empty by removing the safety pin from the clamp as shown in image below. (Semi-rigid and rigid bags only).

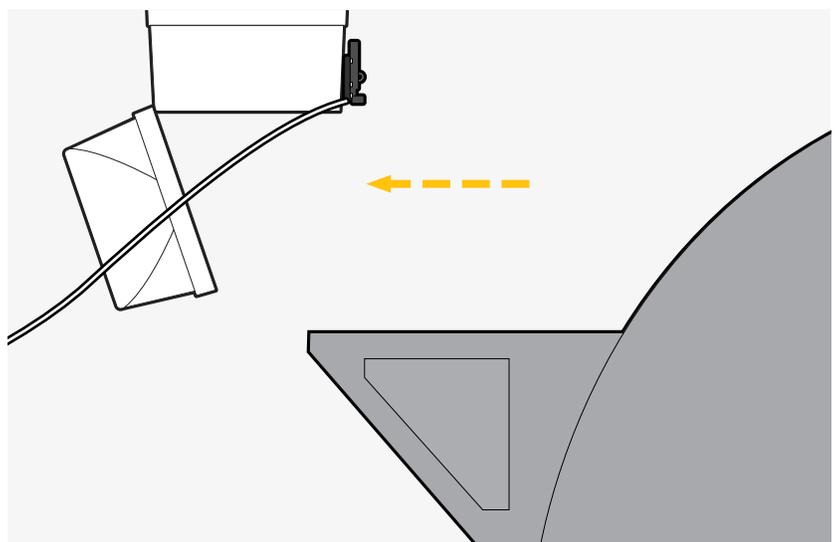


1.2.4 Rope is removed from the bag strap and uncoiled such that the operator may stand at a safe distance before pulling to the cord to release the bag.

VERY IMPORTANT For semi-rigid bag and rigid bag, the clamp must face towards the truck body, not to the side such that liquids do not spill on to the ground when tank is released.

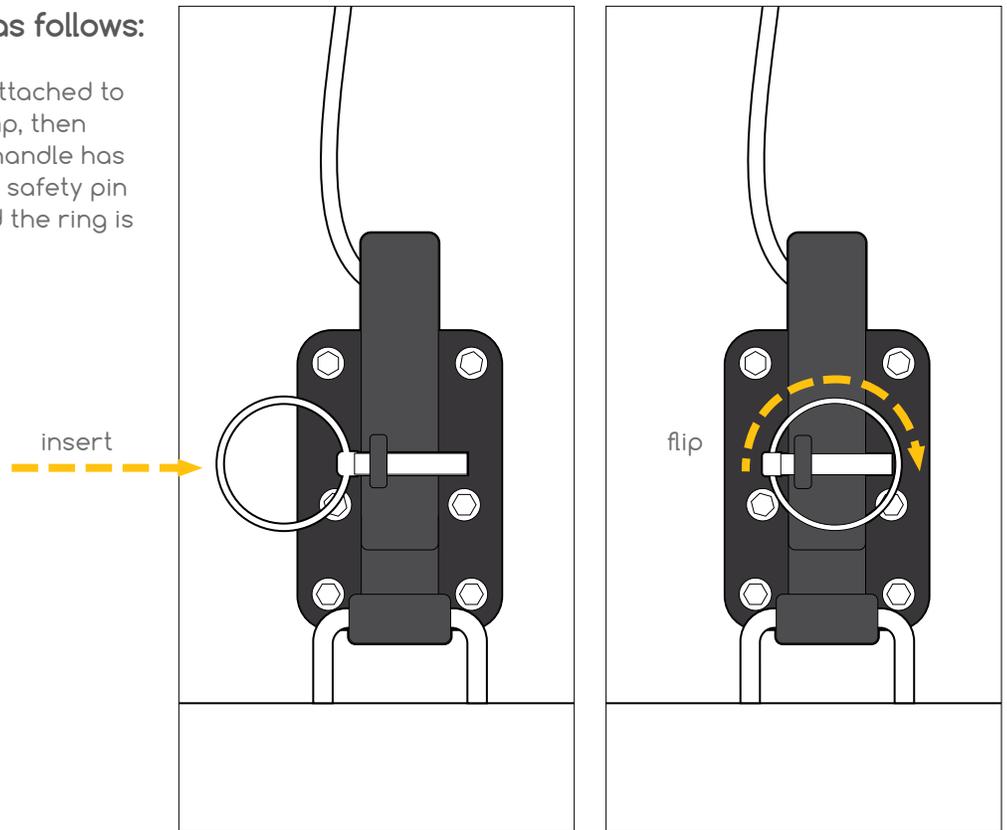


1.2.5 Once bag is emptied, operator moves bag away from the truck to begin re-assembly

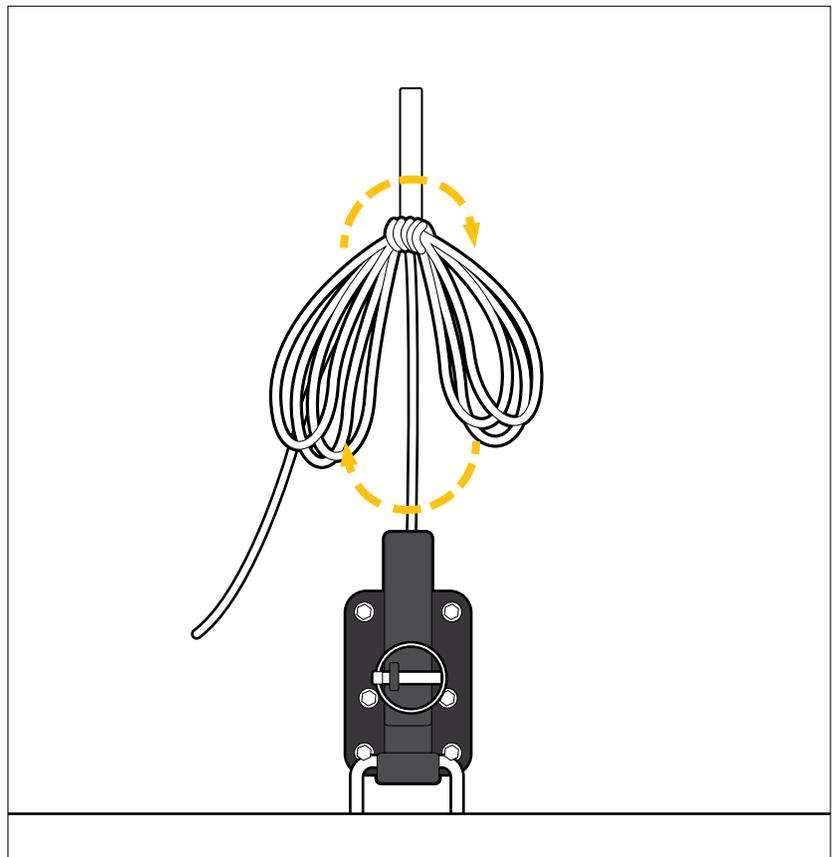


1.3.0 Begin bag re-assembly as follows:

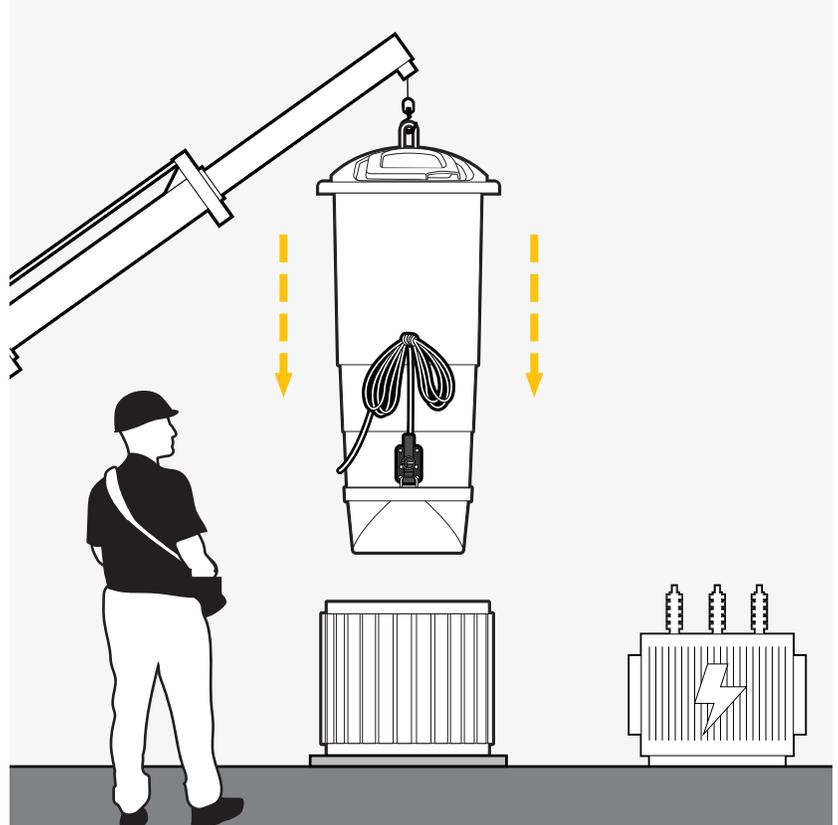
1.3.1 Operator lifts u-bolt, which is attached to the tank and places it into the clamp, then closes the clamp. Once the clamp handle has been rotated fully into position, the safety pin is inserted into the clamp body and the ring is flipped into the secure position.



1.3.2. The release rope is then coiled and affixed to the strap

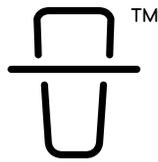


1.3.3 Operator returns the crane and bag with final adjustment by centering and orienting the user door to face the signage.



1.3.4 Unhook the crane chain from the lid hoop

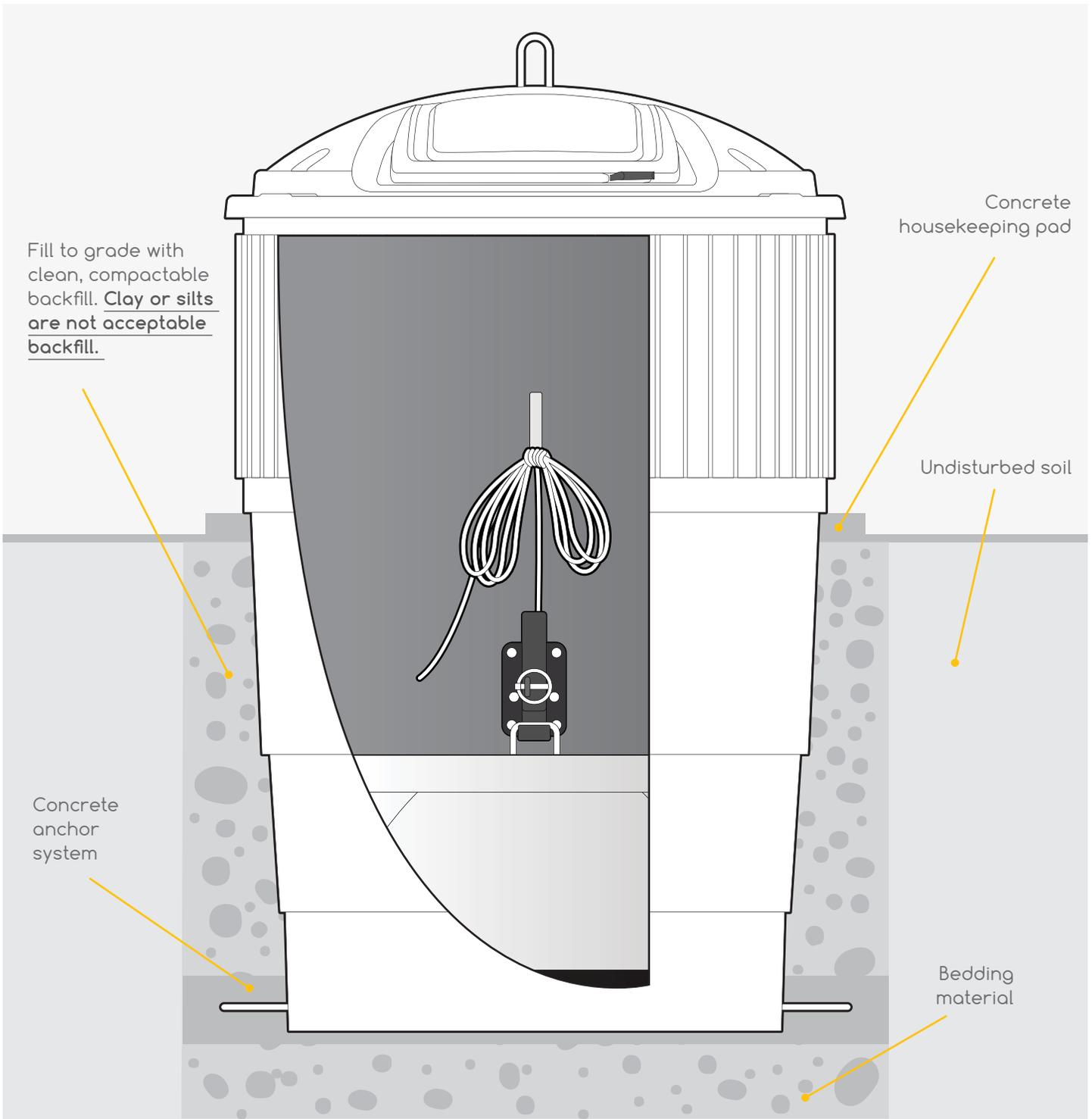




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SEMI-RIGID BAG

TYPICAL INGROUND SECTION VIEW



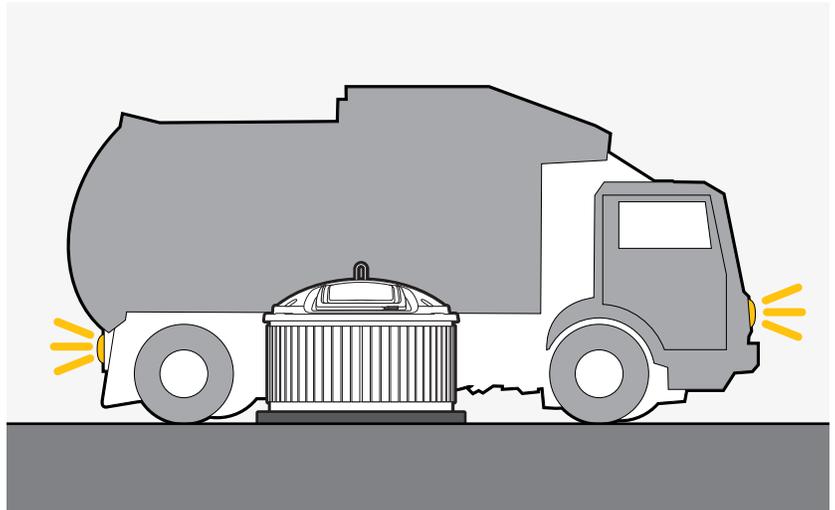
Semi-rigid Bag shown

Protected by United States Patent No. 9,938,077

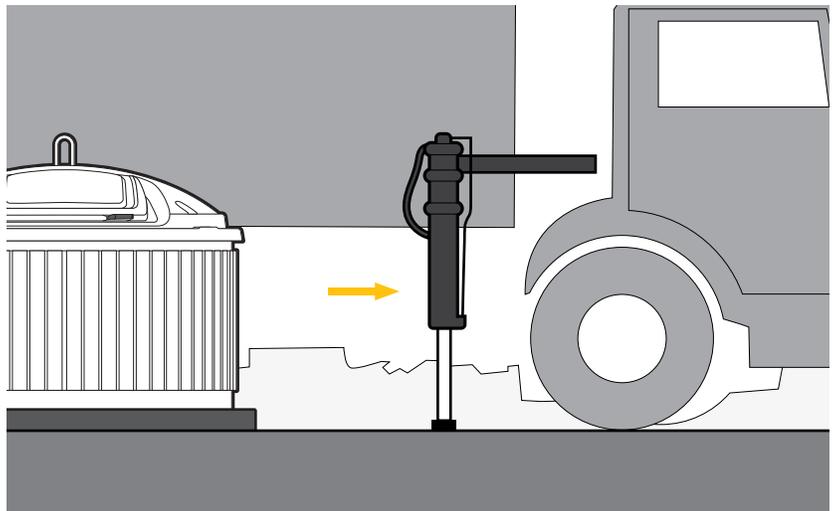
Steps to Servicing Semi-Rigid bag by Crane Truck

Note: Consult additional documentation for more detail.

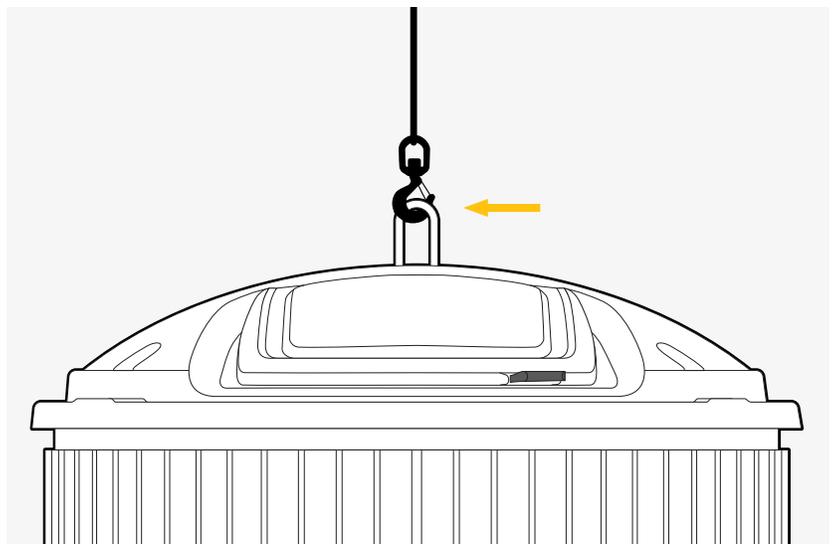
1.1.1 Ensure the truck is parked safely as per company safety protocols and 4-way hazard lights are activated prior to exiting the truck



1.1.2 Secure the truck stabilizers

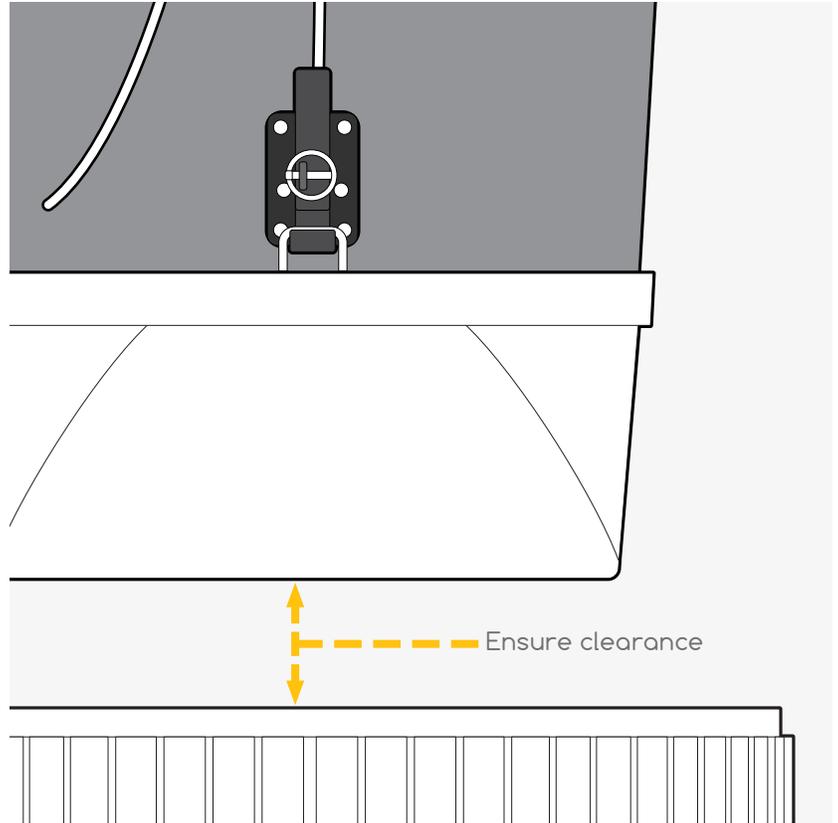


1.1.3 Extend the crane and attach the chain hook to the loop on the top off the bin



STEP 1.2.0 – Servicing Semi-Rigid & Rigid Bag

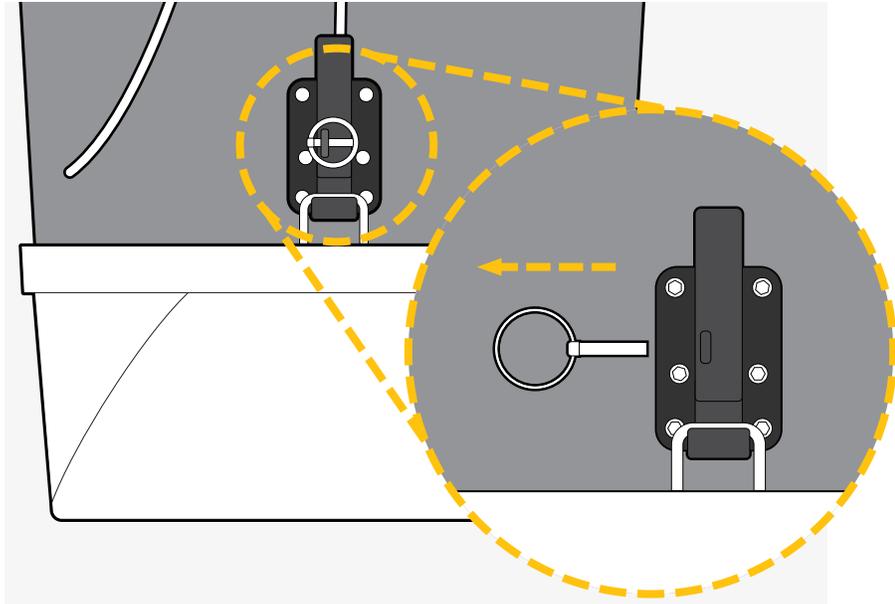
1.2.1 Extend the crane so it lifts the bag vertically upwards until the bottom of the bag is higher than the top of the fixed ground sleeve.



1.2.2 The operator ensures that the bag does not contact any obstacles while bag is moved to the truck hopper in preparation of being emptied.

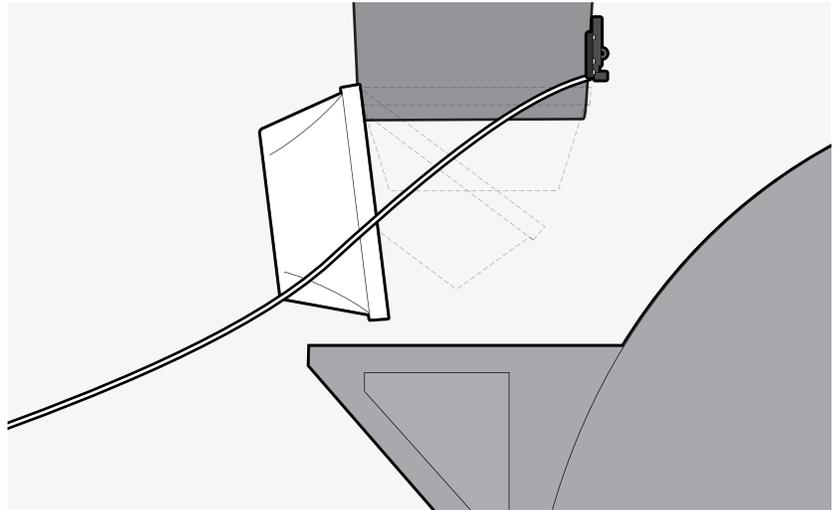


1.2.3 The bag is prepared to empty by removing the safety pin from the clamp as shown in image below. (Semi-rigid and rigid bags only).

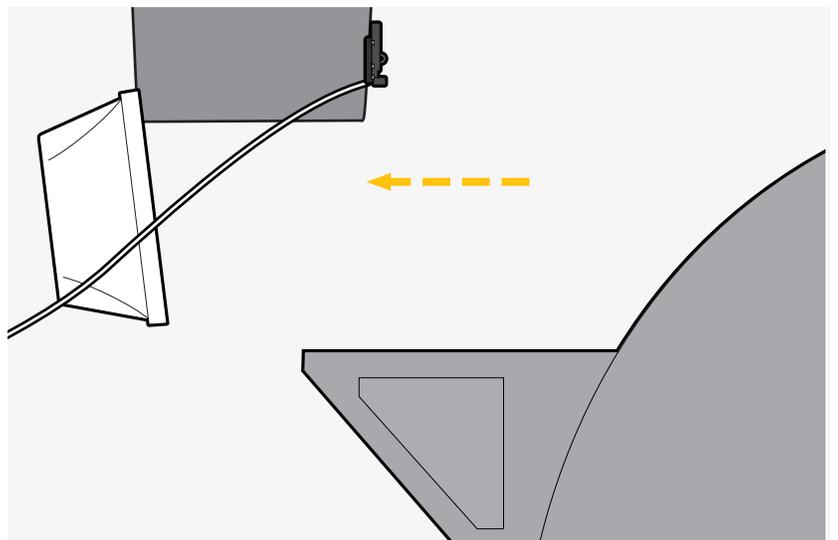


1.2.4 Rope is removed from the bag strap and uncoiled such that the operator may stand at a safe distance before pulling to the cord to release the bag.

VERY IMPORTANT For semi-rigid bag and rigid bag, the clamp must face towards the truck body, not to the side such that liquids do not spill on to the ground when tank is released.



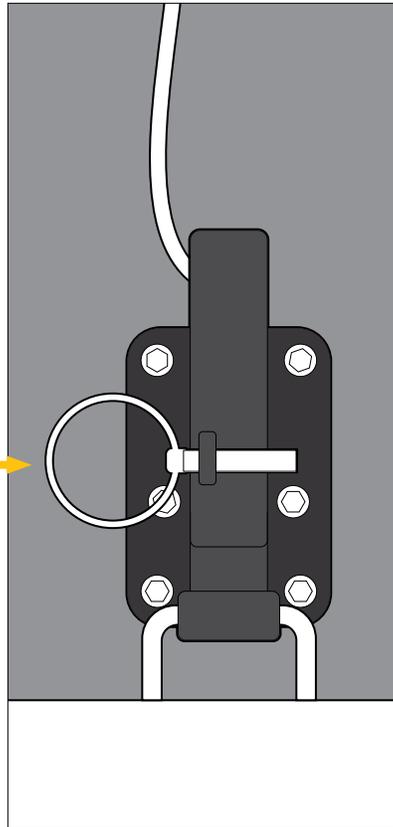
1.2.5 Once bag is emptied, operator moves bag away from the truck to begin re-assembly



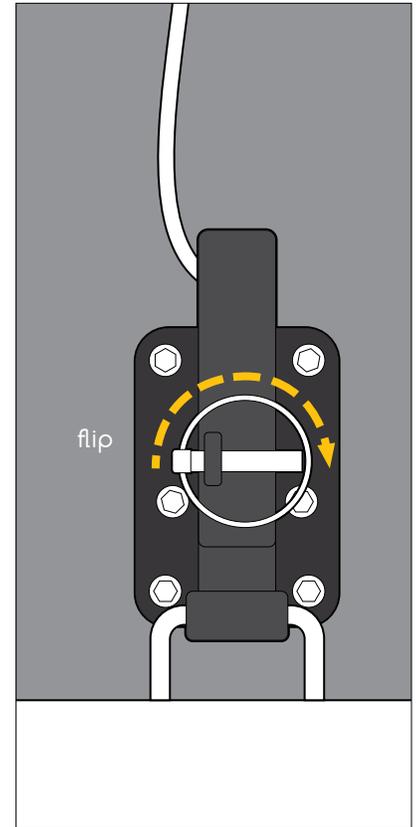
1.3.0 Begin bag re-assembly as follows:

1.3.1 Operator lifts u-bolt, which is attached to the tank and places it into the clamp, then closes the clamp. Once the clamp handle has been rotated fully into position, the safety pin is inserted into the clamp body and the ring is flipped into the secure position.

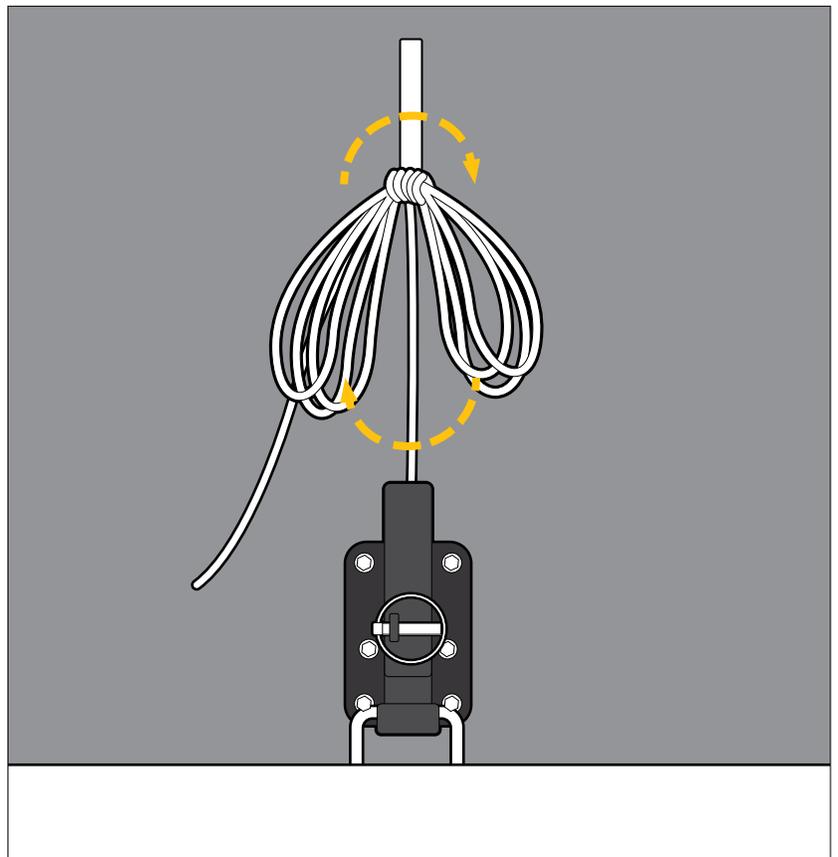
insert



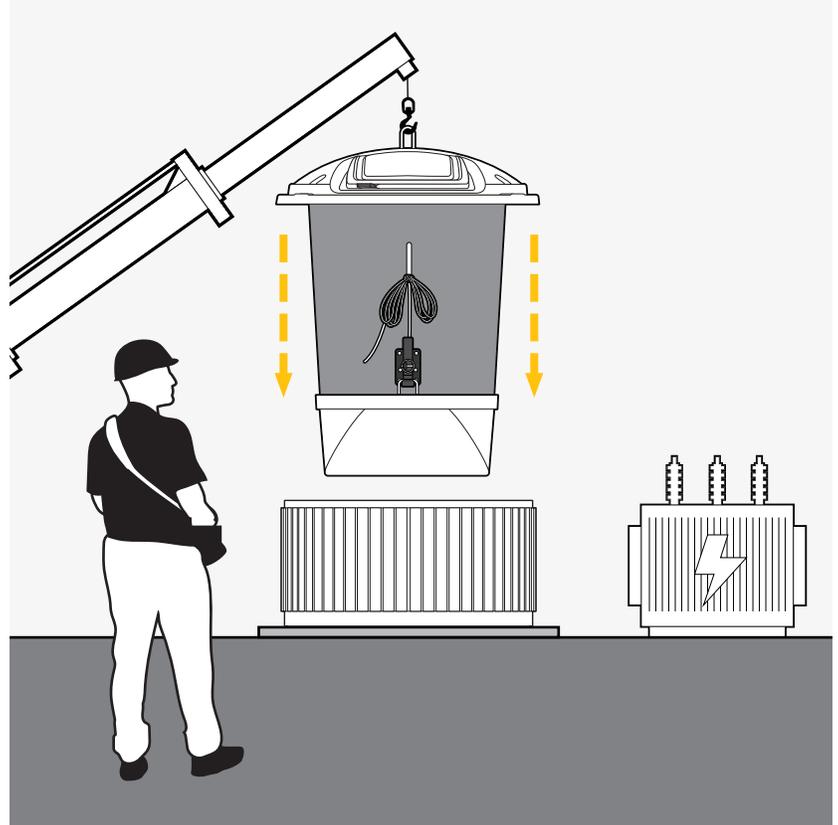
flip



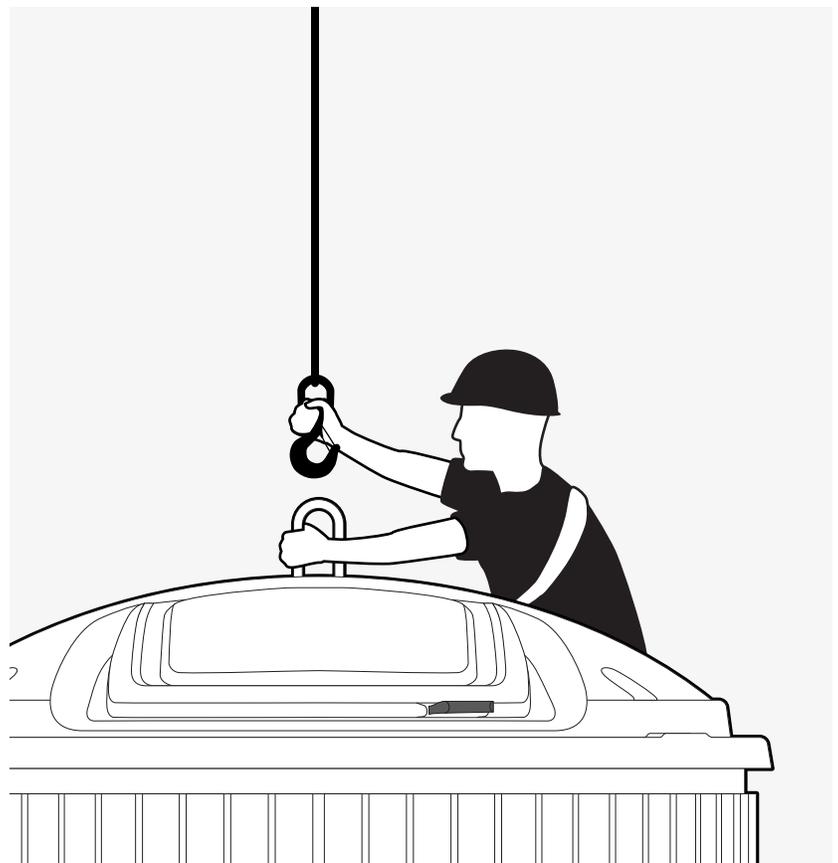
1.3.2. The release rope is then coiled and affixed to the strap

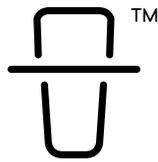


1.3.3 Operator returns the crane and bag with final adjustment by centering and orienting the user door to face the signage.



1.3.4 Unhook the crane chain from the lid hoop

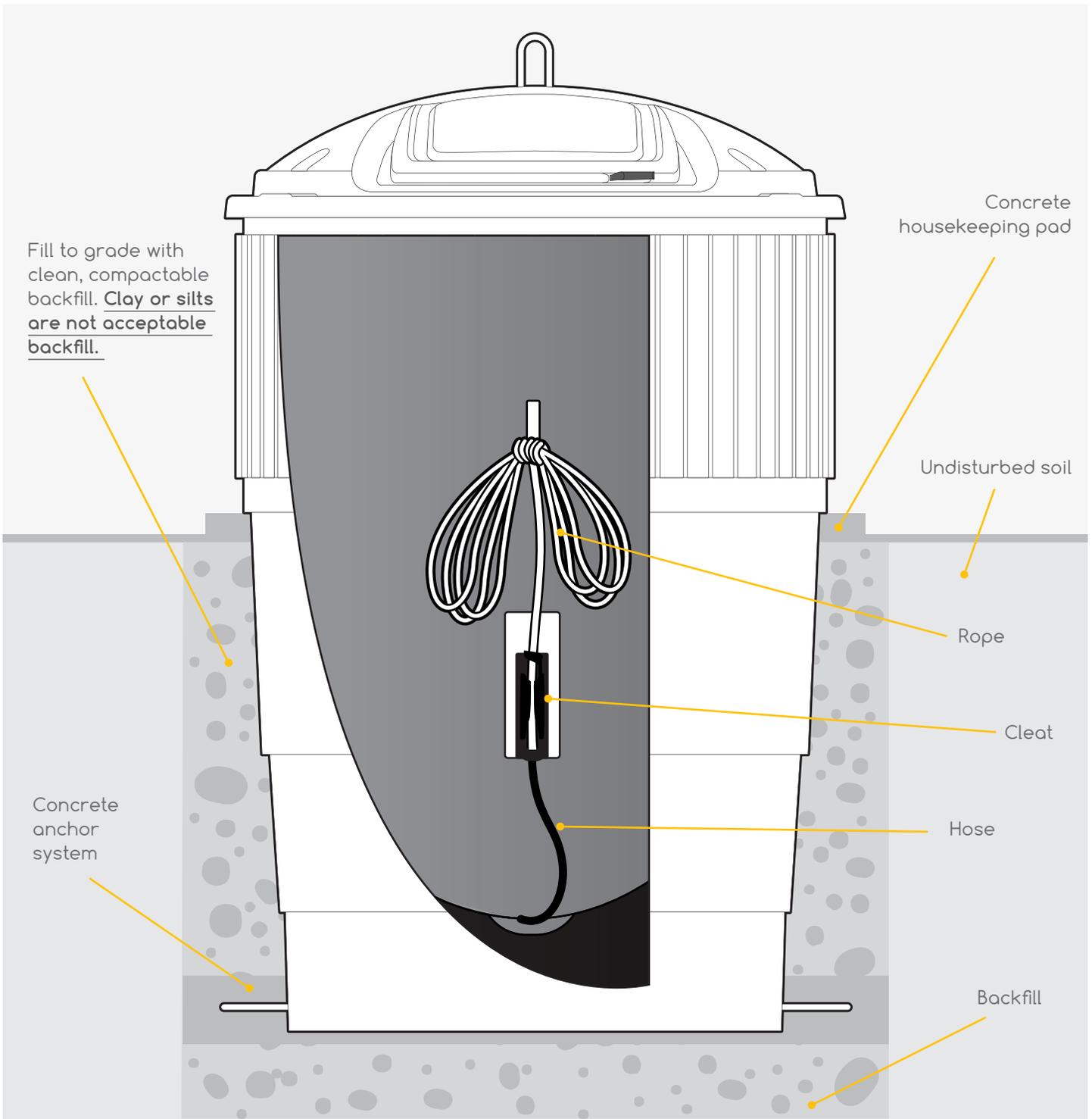




EarthBin® Silo™

SOFT BAG

TYPICAL INGROUND SECTION VIEW



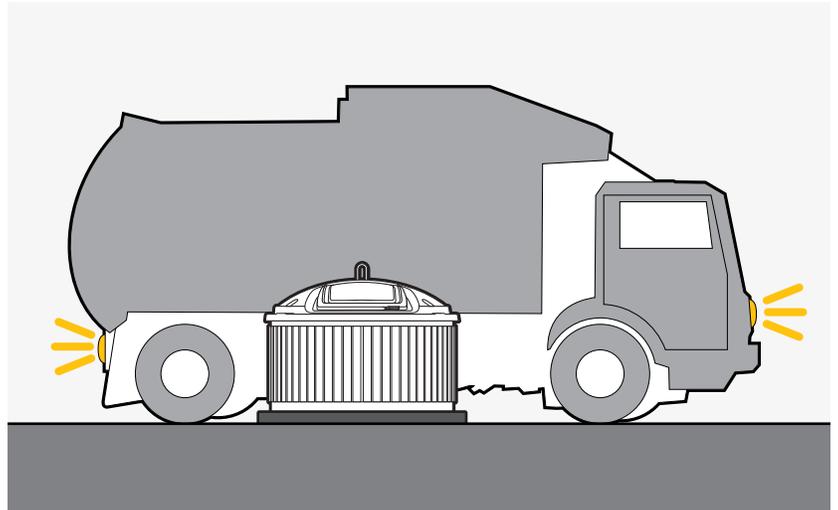
Soft Bag shown

Protected by United States Patent No. 9,938,077

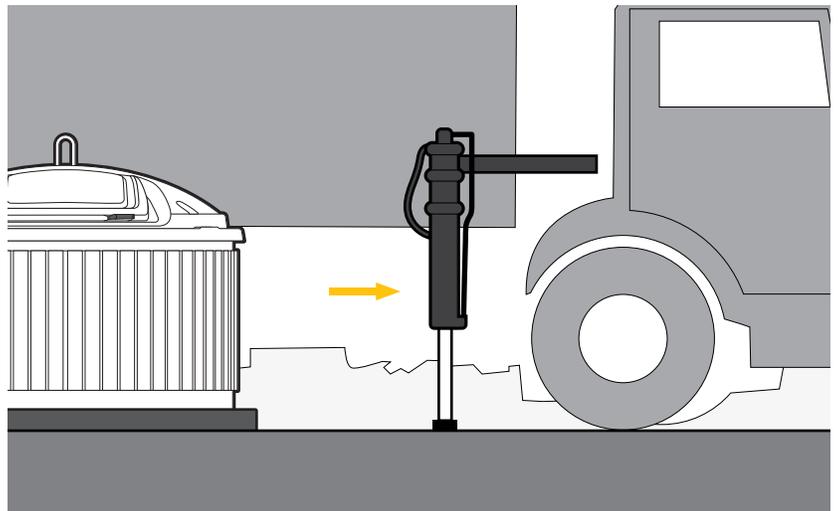
Steps to Servicing Soft bag by Crane Truck

Note: Follow protocol from truck manufacturer.

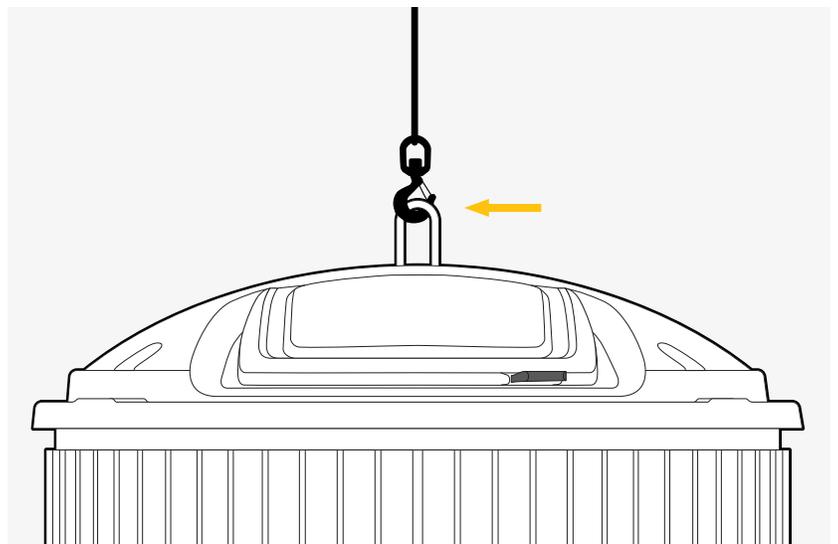
2.1.1 Ensure the truck is parked safely as per company safety protocols and 4-way hazard lights are activated prior to exiting the truck



2.1.2 Secure the truck stabilizers

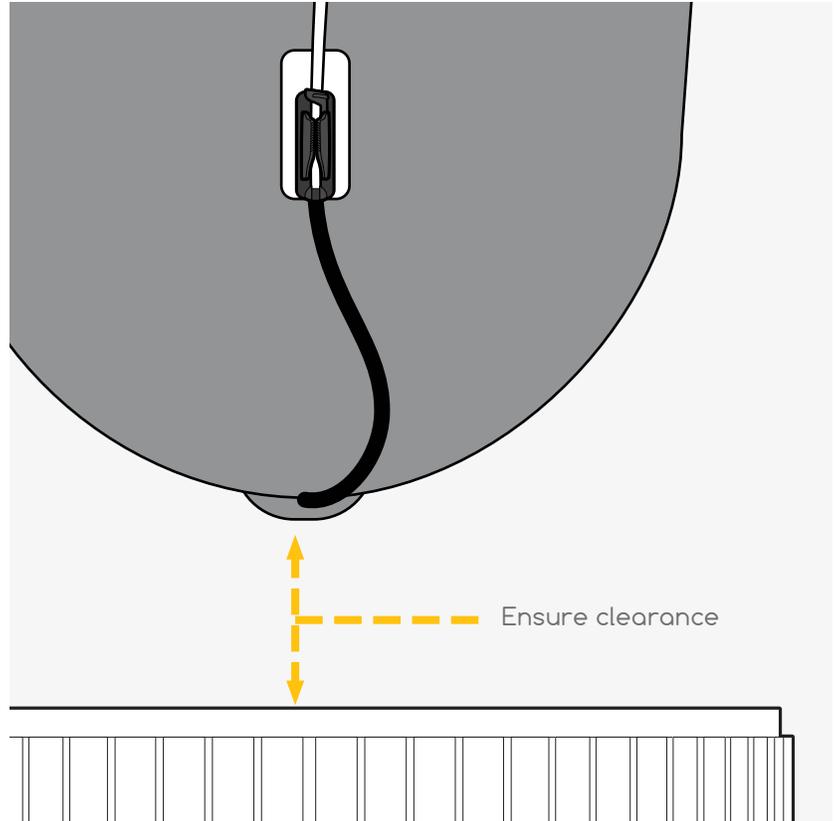


2.1.3 Extend the crane and attach the chain hook to the loop on the top off the bin



STEP 2.2.0 – Lifting Soft Bag

2.2.1 Extend the crane so it lifts the bag vertically upwards until the bottom of the bag is higher than the top of the fixed ground sleeve.



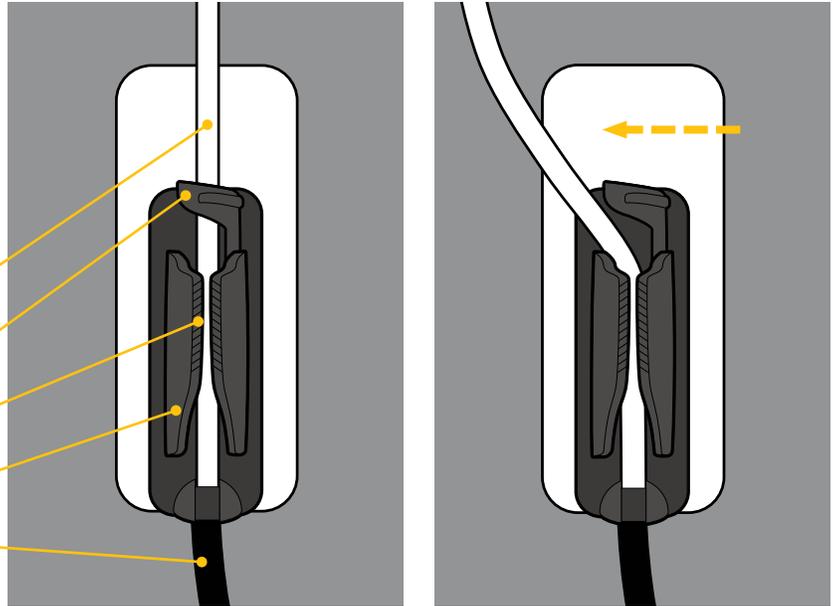
2.2.2 The operator ensures that the bag does not contact any obstacles while bag is moved to the truck hopper in preparation of being emptied.



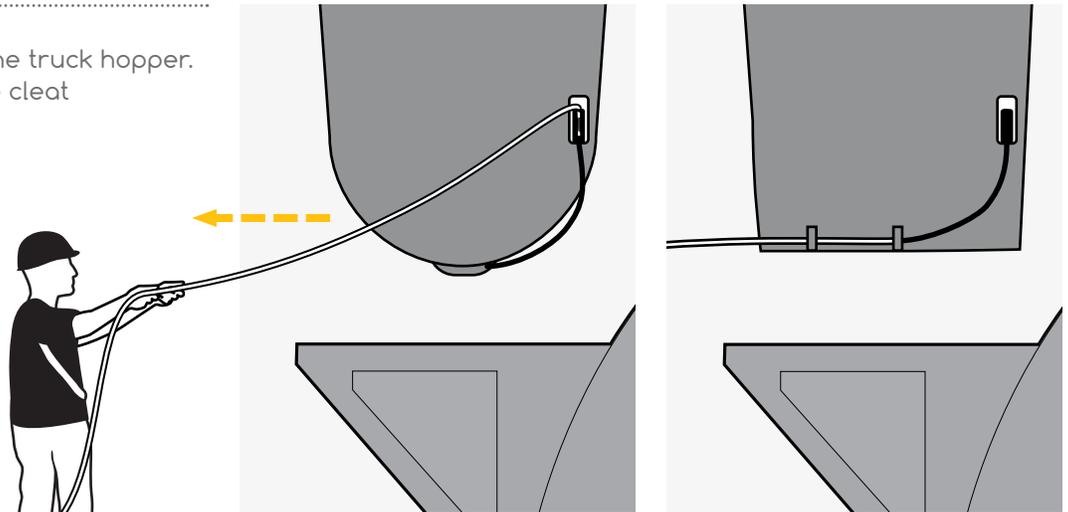
2.2.3 The bag is prepared to empty by removing the rope from the storage pocket or fabric strap.

Unhook the rope from the safety catch at the top of cleat.

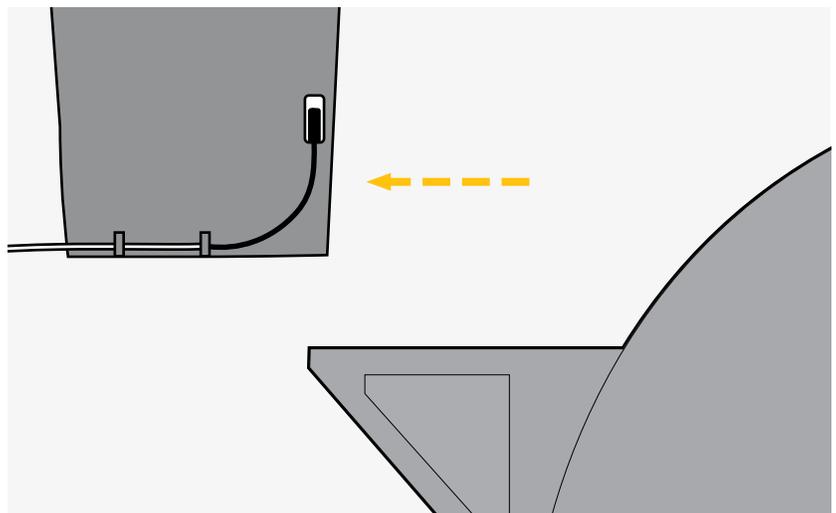
Rope
Safety catch
Teeth
Cleat
Rope tube



2.2.4 Position the bag above the truck hopper. Pull rope to release from rope cleat

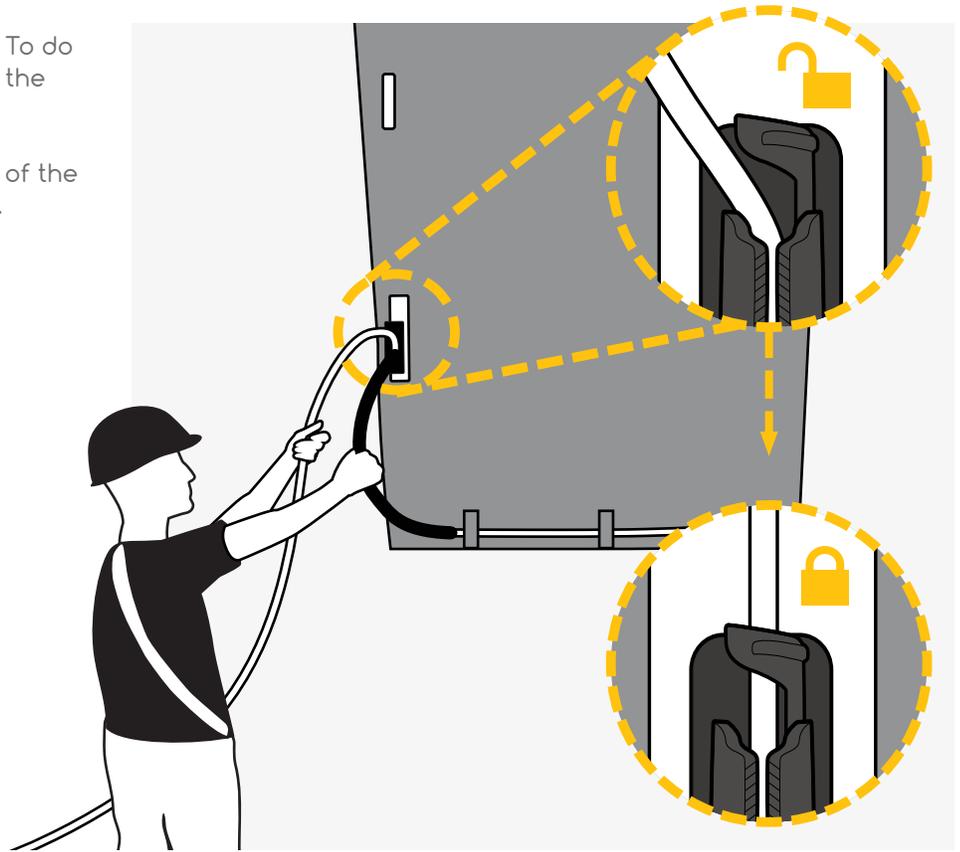


2.2.5 Once bag is emptied, operator moves bag away from the truck to begin re-assembly



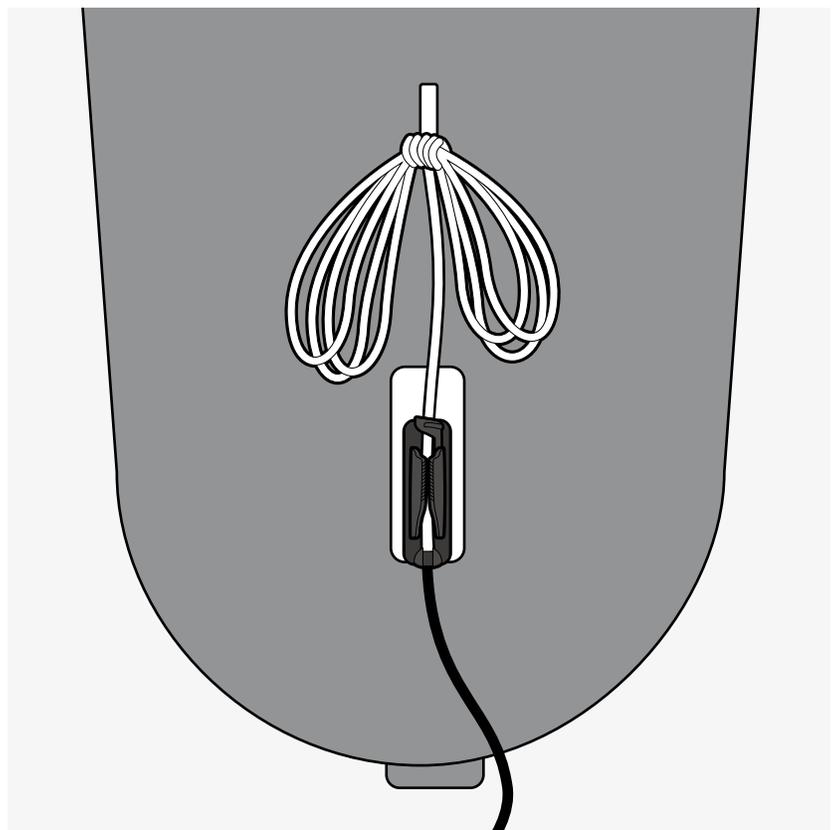
2.2.6 Close the bag by pulling the rope. To do this hold the hose in one hand and pull the rope with the other.

2.2.7 Push the rope deep into the teeth of the cleat and then behind the safety catch.



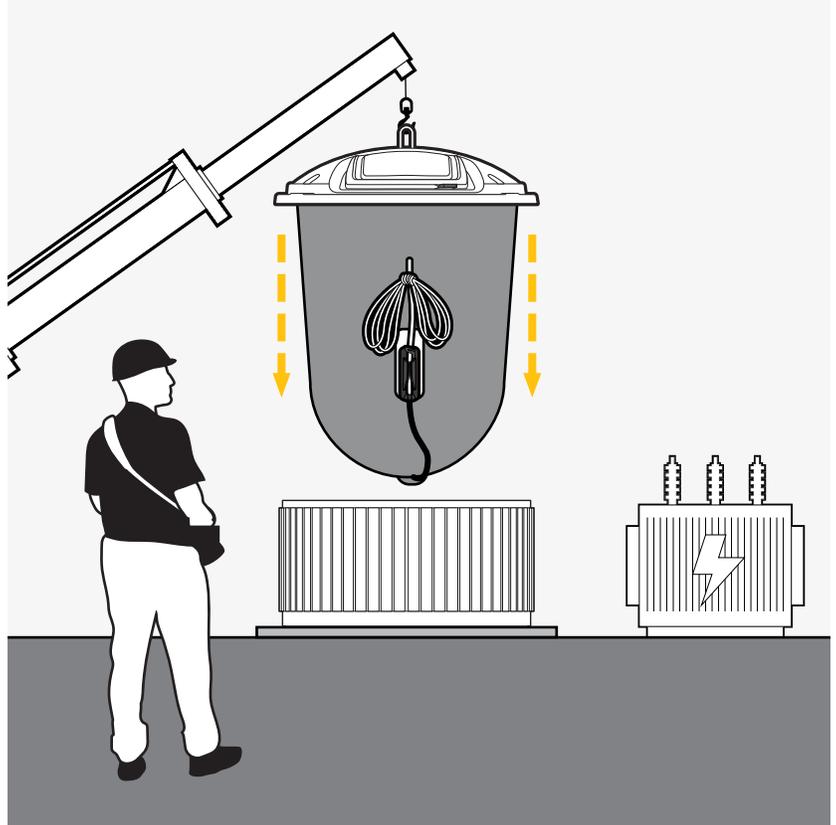
2.2.8 The release rope is then coiled and affixed to the strap or placed into the storage pocket.

For safety to avoid inadvertent bag opening, tie a rope above the safety strap.

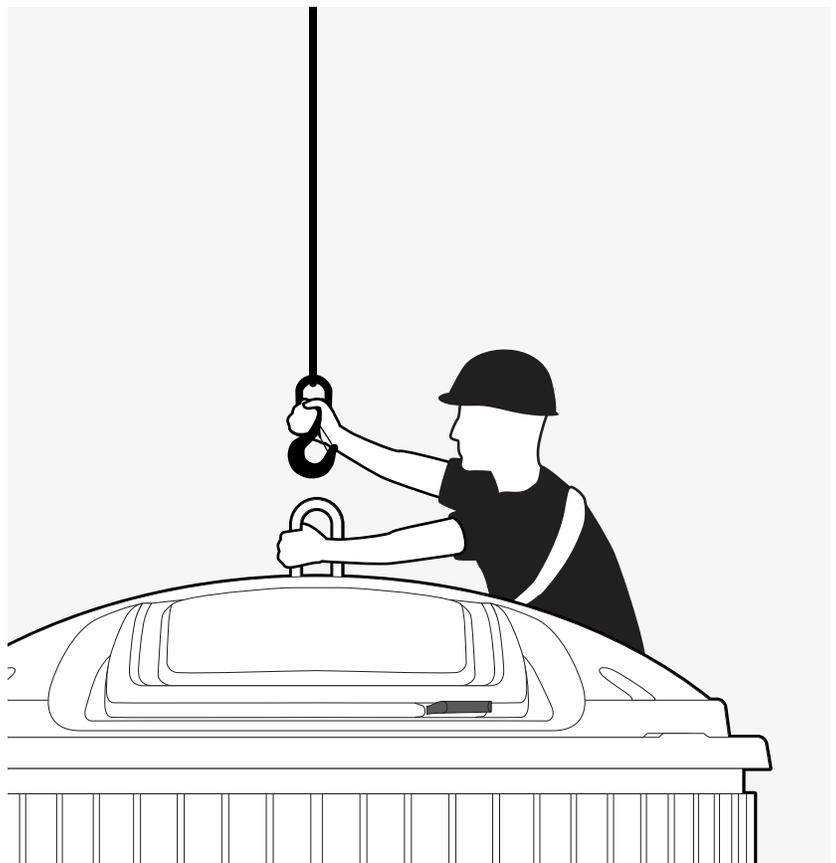


2.3.0 Begin bag re-assembly as follows:

2.3.1 Operator returns the crane and bag with final adjustment by centering and orienting the user door to face the signage.



2.3.2 Unhook the crane chain from the lid hoop





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