

Anti-Tip Bar: This bar acts to prevent the vacuum from going too far forward when moving; the vacuum will sit on this bar and not fall forward.

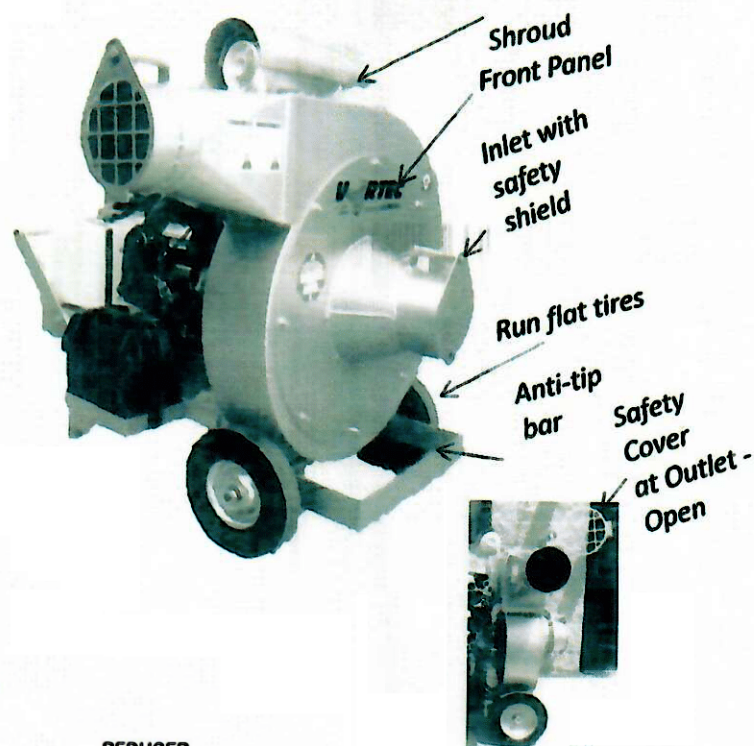
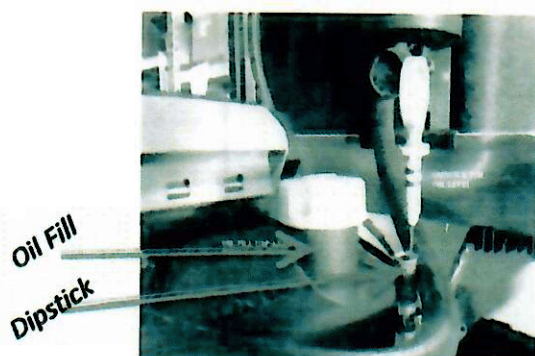
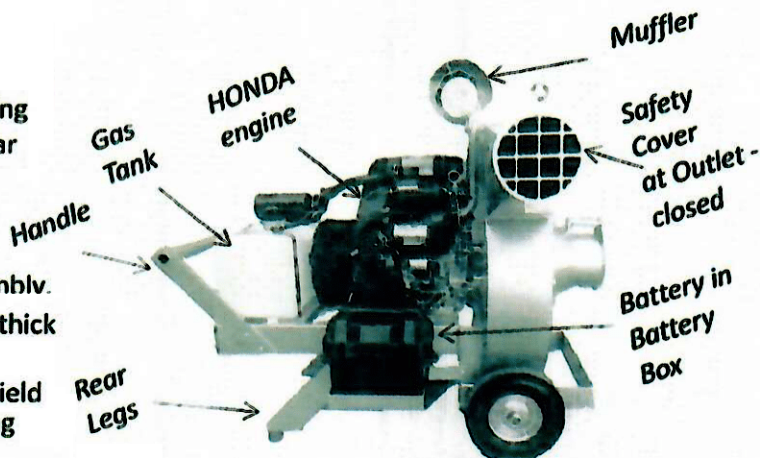
Handle: The handle assists with moving the vacuum.

Inlet: The inlet diameter is 6 inches.

Front Panel: This panel allows access to the impeller assembly.

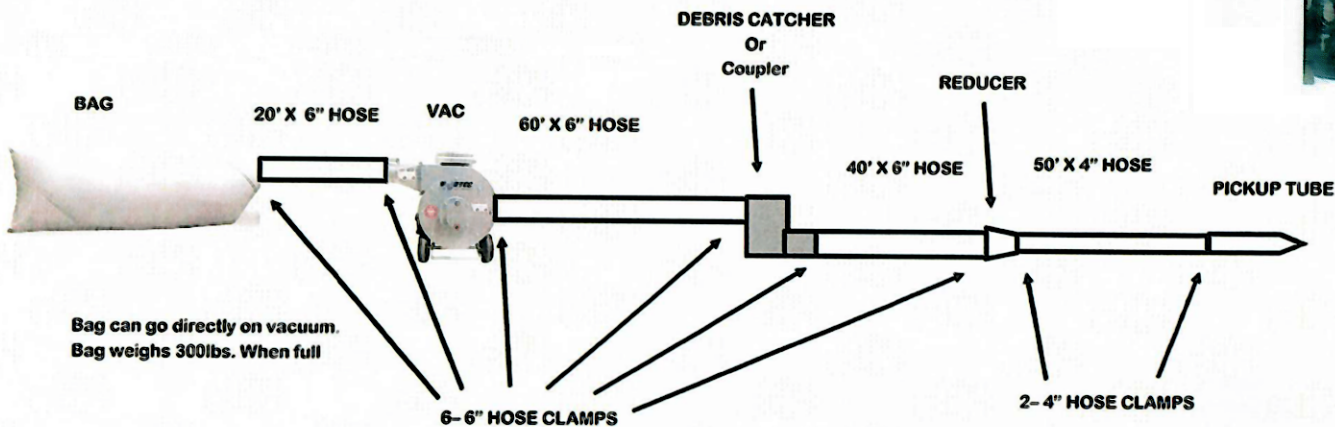
Shroud: The shroud is made of thick gauge steel and is 2X thick abrasive resistant in main wear area.

Outlet: The 6" diameter outlet section features a safety shield that pivots out of the way to allow for a hose or vacuum bag to be mounted onto the outlet.



Insulation vacuum 35-503

Diagram



- 20' X 6" Hose
- 40' x 6" Hose
- 60' x 6" Hose
- 50' x 4" Hose
- Coupler
- Reducer
- Pickup Tube
- Debris Catcher
- 6-6" Hose Clamps
- 2-4" Hose Clamps



Set up and Operation

Please note that all VORTEC Beasts are tested prior to shipment. Each system has 5W30 oil installed. *It is recommended to check engine oil and fill with oil as required prior to each day's use.* Refer to HONDA's engine manual for recommendations regarding oil use and timing to change.

The HONDA GX V-Twin engine has an *Oil Alert System*. The *Oil Alert System* will automatically stop the engine before the oil level falls below the safe limit. However, to avoid the inconvenience of an unexpected shutdown, fill to the upper limit, and check the oil level regularly.

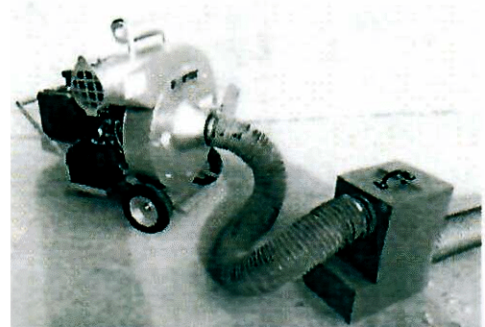
System Operation:

1. Review HONDA's engine manual prior to starting the engine to review safety and operation procedures.
2. Remember when stopping engine, slow engine and let idle for a few minutes prior to stopping. This shut-down methodology is good for your engine. ***Please avoid shutting the engine from a state of fast throttle (and associated high operation speeds) to off.***

System Set-Up:

1. Periodically check all fasteners for tightness. Due to the natural vibration associated with vacuums, some fasteners may become loose over time.
2. Obtain appropriate protective equipment.
3. Set system on a dry, level surface.
Note: The incline position of the engine should not exceed 20 degrees in any direction. If it does, oil can mix with the gas causing harm to the engine.

4. Attached vacuum hose to the inlet using a hose clamp.
Note: It is highly recommended to use a VORTEC vacSHIELD when using the VORTEC Beast. Install the vacuum hose to the inlet of the vacSHIELD. Then, connect a piece of vacuum hose from the vacSHIELD's outlet to the vacuum's inlet (you can cut a short section from your main vacuum hose, or purchase a short section of hose to meet this need).



5. Attach hose or vacuum bag to the machine's outlet using a hose clamp.

TroubleShooting

Problem	Likely Cause	Remedy
Vacuum on, yet limited production of fibrous insulation.	Throttle speed in idle mode.	Increase throttle speed. Note: throttle does not need to be a full speed for effective vacuuming.
	Kink in hose.	Review your hose assembly to ensure no kinks in hose.
	Small diameter hose used on system's inlet.	Utilize the largest diameter hose the system will allow. Utilize largest diameter hose for the longest length possible from the vacuum to the point of material pick-up.
White smoke coming from exhaust.	Engine (turbovac) tilted over 20 degrees and oil entered carburetor.	Run engine until oil burns out of carburetor.
Static Electricity shocking operators.	Movement of insulation material thru hose – more pronounced during times of low humidity – creates static electricity build-up in vacuum hose.	Contact Intec technical service at 800-666-1611. Options include: -Spraying warm water on hose. -Grounding hose to dissipate static electricity.