

Truck Vibrators

For improved unloading and flow

The **NAVCO**[®] Pneumatic Piston Truck Vibrator aids in the efficient unloading of dry bulk material in the trucking industry. The Truck vibrator can be attached to a dump truck's bed or on hopper trailers to increase material flow when unloading. It is connected to existing air lines for operation. **NAVCO**[®] vibrators are also ideal for use on mobile concrete mixers.

Benefits

Extended machinery life

Complete unloading without tailgate banging, lift bouncing, braking or jerking means longer life for the truck and equipment.

Faster unloading

Depending on the material, dump time can be reduced by up to 50% especially for sticky or wet materials.

More complete removal

Stubborn material that sometimes remains in the hopper or bed is easily and more completely removed, eliminating "dead" cargo.

Increased safety

More efficient discharge at reduced dump angles and minimized top sticking means reduced tip over potential. Poking, stabbing, and prying are also eliminated.

Ease in spreading

Continuous flow at the tailgate means an even spread during mobile unloading.

Rugged and durable

Easy Installation



Vibrators for Hopper Bottom Trailers and Belly Dumps



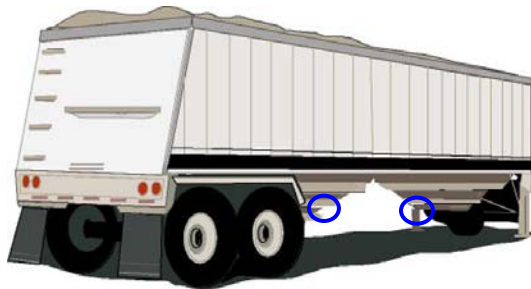
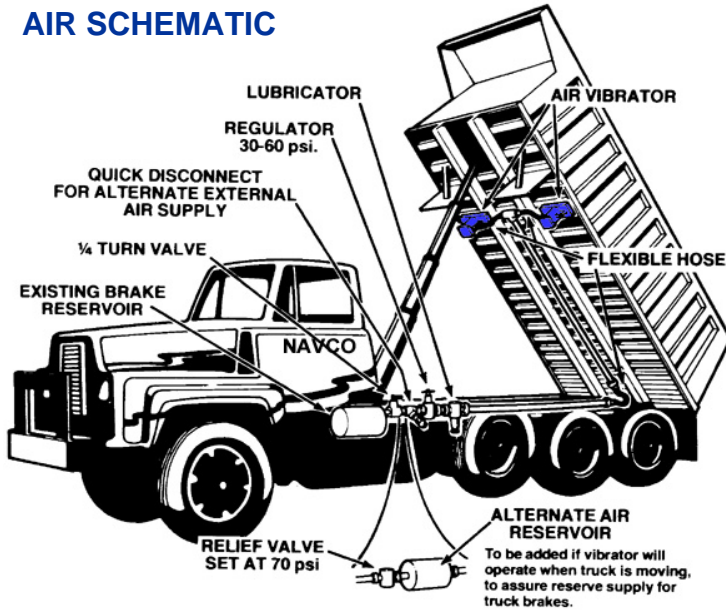
Vibrators for Dump Trucks

Sizing Truck Vibrators for the Application



	Hopper Bodies	Dump Bodies		
If the Wall *Thickness is:	3/16 - 1/4"	1/4 - 3/8"	1/4 - 3/8"	3/8 - 1/2"
Use Model	BH 2.00	BH 3.00	BH 3.LO	BH 4.00

AIR SCHEMATIC



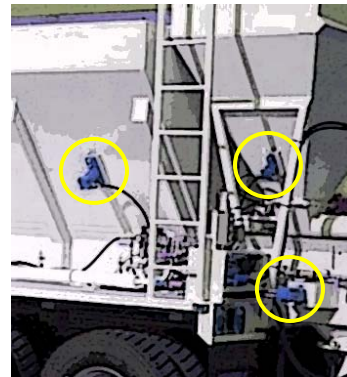
Dump Body Location:

1. Vibrators should be mounted approximately 1/4 of the length of the bed, toward the front.
2. One unit on each side of the mast is most effective.
3. Note: Assure clearances of vibrators when bed is lowered.

Hopper Body Location:

1. Vibrators should be mounted as close to the opening as possible. One vibrator per hopper is sufficient in most cases.
2. A NAVCO mounting plate should be attached to the hopper.
3. Bolt the vibrator to the mounting plate.
4. Attach air supply as described above, same as dump bodies.
5. Portable mounts are available for hopper bottom trucks.

Concrete Volumetric Mixing Truck Vibrator locations:



SAMPLE BILL OF MATERIAL FOR ORDERING TRUCK VIBRATORS

Description	Part #		
	BH 2 IGO	BH 3 IGO (& LO)	BH 4 IGO
Hose	HO 0.25 000	HO 0.37 000	HO 0.50 000
Manual Valve	MV 0.25 000	MV 0.37 000	MV 0.50 000
FRLubricator	AC 0.25 000	AC 0.37 000	AC 0.50 000
Solenoid Valve*	SV 0.25 12V	SV 0.37 12V	SV 0.50 12V

*The option for a Solenoid Valve would be used if the operator chooses to control vibrators by a switch instead of using the manual valve.