



Sanitation Shop's needs lead to new technology, productivity, and profitability for Brake and Tire Work

ATLANTA, August 2014– Managers at Dekalb Fleet Management are always looking for ways to improve the efficiency of their maintenance shop. A few years ago, one of their priority items was finding a faster, safer way to perform brake jobs and tire changes..

Their traditional approach to set-up and tear down, with floor jacks and axle stands, was a laborious, repetitive, and time consuming task that took 45 minutes for each job. With their fleet of more than 200 sanitation trucks, the shop typically performs this task many times daily. DeKalb's management was also concerned about the safety of using floor jacks and axle stands. Jacks and stands can slip, allowing the truck to fall, damaging equipment and putting personnel at risk.

DeKalb wanted to avoid the high cost involved with installing a full height in-ground lift. Plus, their shop had a low ceiling height. Knowing that the truck wheels only need be a few inches off the floor, and working near the floor saved a lot of lifting; some new thinking was engaged.

During their search DeKalb came across the [LoRiser Lift](#), which lifts heavy truck and busses by the axle for brake and tire work. Because their trucks had tandem rear axles, and they wanted the capacity to lift a fully loaded sanitation truck in an emergency, they needed a different design and a higher lifting capacity than the standard LoRiser lift. So DeKalb Fleet Management consulted with Glenn Felpel, LoRiser Lift's engineer, to design a unit to meet their specific sanitation truck needs. The result of their combined efforts was the LoRiser2 Lift for sanitation trucks.

Glenn said "The new LoRiser2 is different from other available lifts because it lifts the rear of the truck by the walking beam mounts located between the truck rear axles. This allows all 8 wheels to be lifted from one pick up point on each side simultaneously. Set-up and tear down times were reduced to less than one minute, and operation of the lift is accomplished with the push of a button. Safety is improved with the lift's built in locking system. Bump bars on the floor allow for automatic truck positioning".

Today after several years of use, DeKalb Fleet Management Director, Greg Brake says, "the time saved paid for the lift in the first year of operation. Ongoing use has resulted in ongoing annual savings. We feel automation of this manual process benefits productivity and safety while saving time and shop expense. From our experience, this is a great application for wheel service operations.



Lift recessed in floor when not in use



Eight wheels lifted by two suspension mounts

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