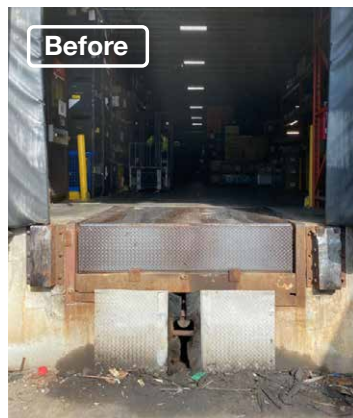




**Hydraulic Dock Leveler and Hook Trailer Restraint
Auto Parts Manufacturing Plant**

Bradford, ON



Cleaned out dock pit

Combo control panel

Project Overview

The Bradford auto parts manufacturer faced multiple challenges with their existing dock and vehicle restraint system. The existing dock was dishing and starting to fail. In addition, the existing pit hook-style vehicle restraint was no longer working. Due to the pit hook style, it made it very hard to get at the mechanisms and repair the trailer hook restraint. Furthermore, the manufacturer used racks that were wider than the 74" dock and would often hit the side of the dock.

To address these issues, the manufacturer sought the expertise of Northern Dock Systems. After careful assessment, it was decided that the old dock and pit hook-style vehicle restraint would be replaced. Northern Dock Systems proposed a wider 85" x 87" dock pit to accommodate the wider racks, effectively solving the racking issue. The concrete pit was filled in to create a new concrete face, allowing for the installation of an easier-to-maintain [Blue Giant StrongArm Electric Hook Trailer Restraint](#).

The new out-of-pit hook-style trailer restraint offers a vertical restraining range of 9" to 25" and an instant float of 16", automatically adjusting to various trailers and their motion during loading and unloading.

Meanwhile, the [Blue Giant Hydraulic Dock Leveler \(Heavy\)](#) can withstand the wide and heavy loads from this auto part manufacturing plant. Its black powder coat will lead to years of rust-free operation.

Both the dock leveler and trailer restraint can be easily controlled with a push of a button at the [Blue Genius Gold Series III Combination Control Panel](#). This NEMA4X is moisture and corrosion-resistant making it perfect for food, pharmaceutical and wash-down areas.

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