

## Hendrickson Haulmaax® Progressive Load Spring (ATRO Part Number LP50-24778)

In July 2014, Hendrickson began using their progressive load spring on all new production vehicles with the Haulmaax suspension. The overall height of the Progressive Load Spring is 4 1/4" in comparison to the Auxiliary Load Spring height of 3 5/16". Because of the increased height of the progressive load spring, two auxiliary shims are typical instead of the 3 shims used on auxiliary load spring. When either load spring's unloaded height measures less than 3", the spring needs replaced.

ATRO's Progressive Load Spring LP50-24778 is designed and engineered to be compatible with ATRO's LP50-24179 Bolster Spring, providing maximum control and suspension performance. ATRO recommends removing or adding load spring shims (ATRO MS50-29791) to achieve the desired level of control and ride. Please refer to ATRO Progressive Load Spring Installation Instruction #DC0011-022615. ATRO's Progressive Load Spring will maintain contact with the shim plate at all times.

**Note:** In all cases, there must be at least one shim present per side.

ATRO's Progressive Load Spring will replace the OEM load spring on newer trucks and can be retrofitted on older models to improve the suspension performance.

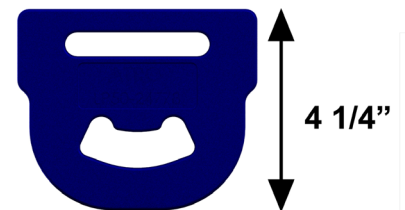
ATRO's polyurethane material, coupled with ATRO's design and engineering, will provide the fleet with:

- Superior strength and durability
- Resistance to chemical attack
- Improved suspension performance and life

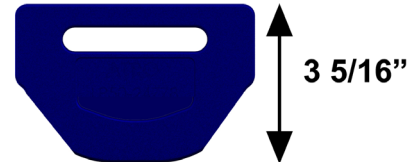
The LP50-24778 is also available in the following ATRO suspension kits:

- |              |              |              |
|--------------|--------------|--------------|
| • KT50-25002 | • LP50-24745 | • LP50-24902 |
| • KT50-25003 | • LP50-24747 | • LP50-24746 |

**Progressive Load Spring**



**Auxiliary Load Spring**



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