

# **TOUGHLIFT<sup>®</sup> LK** 25,000 Pound Dual Tire Steer Lift Axle

- Hendrickson technology
- Lightweight design
- Proven durability



**INTRODUCING TOUGHLIFT<sup>®</sup>-  
Hendrickson's new LK  
dual tire steerable lift axle**



To learn more about TOUGHLIFT LK,  
call 800.660.2829 or visit  
[www.hendrickson-intl.com](http://www.hendrickson-intl.com)

 **HENDRICKSON**  
*The World Rides On Us<sup>®</sup>*

The TOUGHLIFT® LK — Leading Kingpin Design offers a winning reputation, reliability, durability and Hendrickson's integrated technology in a dual tire steerable suspension.

The new LK suspension and axle were designed around the proven HLM concept for rigorous environments and incorporates Hendrickson's popular QUIK-ALIGN® feature and TRI-FUNCTIONAL® Bushings. The fabricated knuckle design minimizes kingpin offset for a more efficient package while incorporating a **fully integrated system designed by Hendrickson.**

#### Lockstraight Mechanism

- Automatically locks suspension straight when vehicle is placed in reverse and axle is in the raised position

#### Protected Lift Air Springs

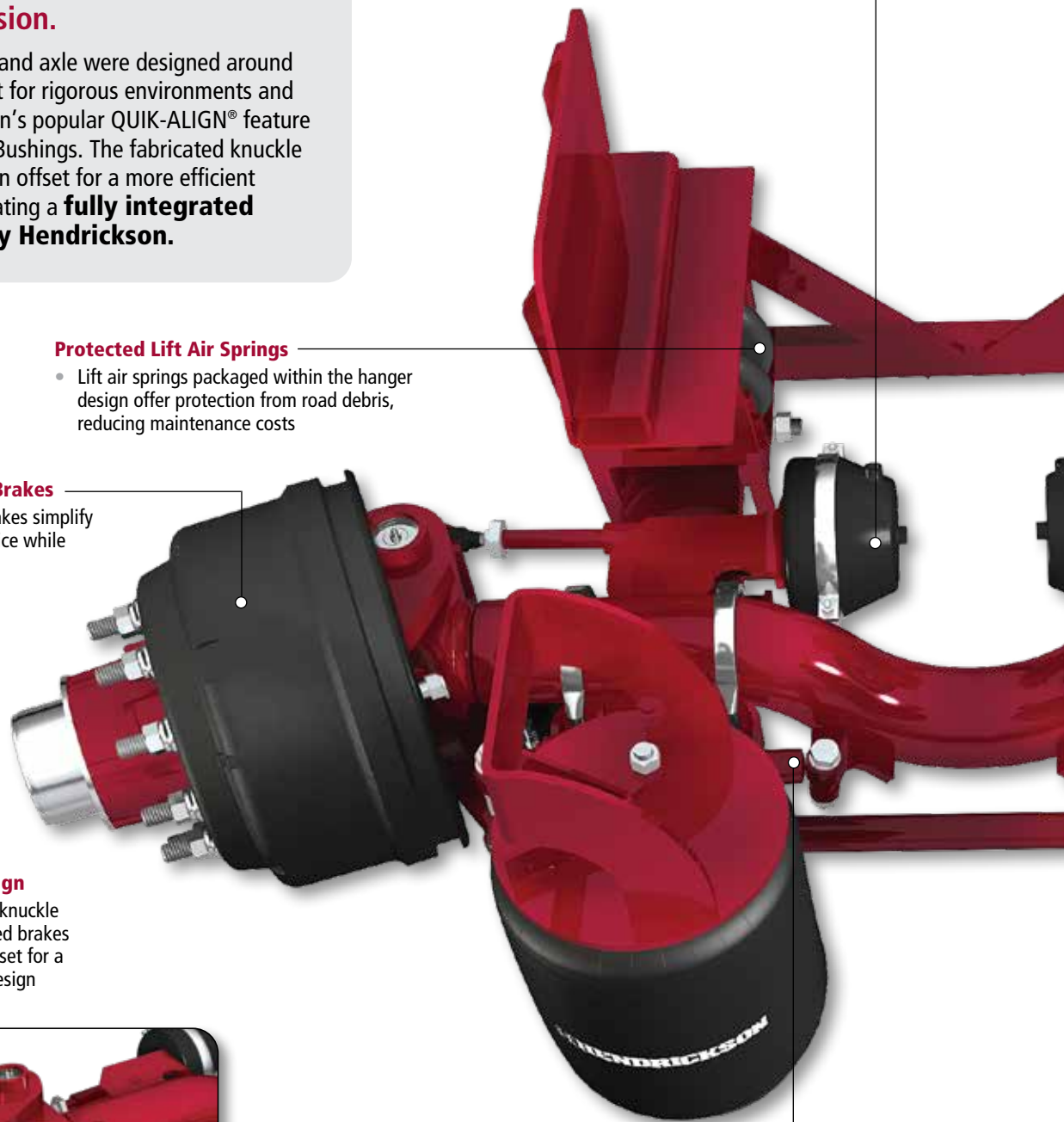
- Lift air springs packaged within the hanger design offer protection from road debris, reducing maintenance costs

#### Hendrickson Integrated Brakes

- Hendrickson integrated brakes simplify brake installation and service while optimizing weight savings

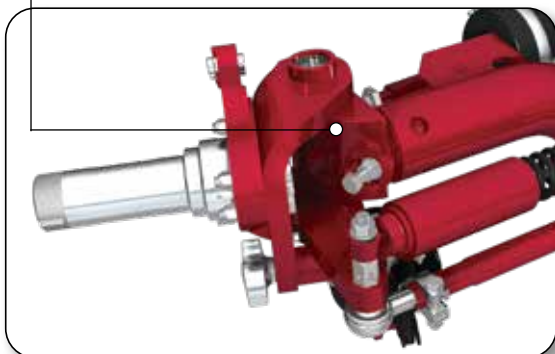
#### Fabricated Knuckle Design

- Hendrickson's fabricated knuckle technology with integrated brakes minimizes the kingpin offset for a more efficient package design



#### Self-Centering Steering Dampers

- Coil spring shock absorbers ensure dual tires return to original centering position



# ,000 Pound Dual Tire Steer

## Inboard Mounted Upper Air Spring Plate

- Inboard mounted upper air spring plates offer optimal clearance for greater wheel cut



## QUIK-ALIGN®

Simplifies the alignment process for quick and reliable adjustment

## Adjustable Tie Rod

- Round tube adjustable tie rod offers increased durability of the self-steering axle allowing for effective and efficient toe adjustment and centering



# TOUGHLIFT® LK Features and Benefits

## QUIK-ALIGN®

Simplifies the alignment process for quick and reliable adjustment



## TRI-FUNCTIONAL® Bushing

Proven to improve absorptions of brake and acceleration forces while providing superior roll stiffness



## Hendrickson Leading Kingpin Knuckle Design

Minimizes kingpin offset for a more efficient turning result

## Turning Radius

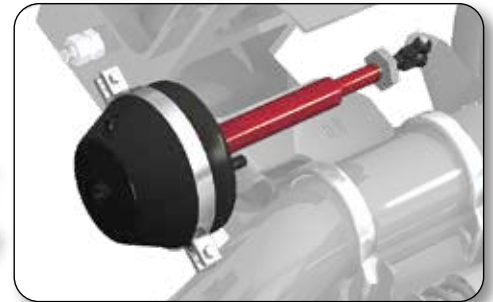
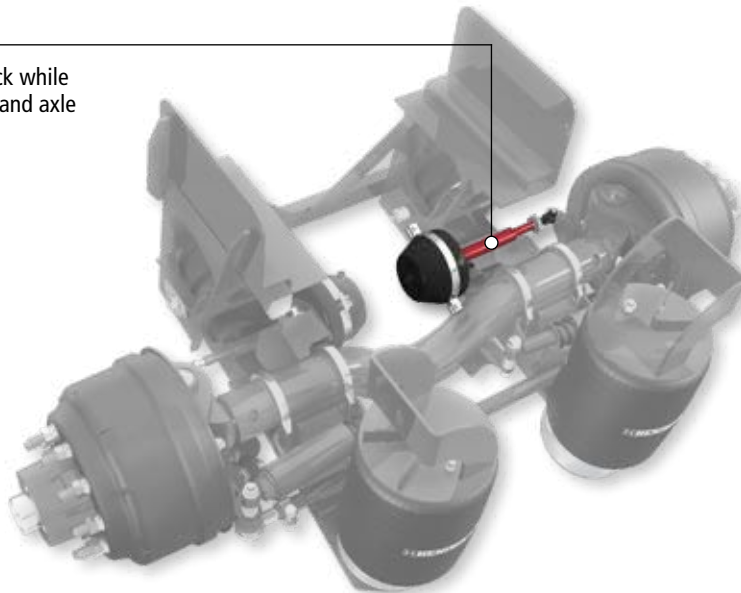
Minimum wheel cut is 20 degrees for Truck Applications — Ontario SPIF compliant



## Value-Added Options

### Lockstraight

Automatic wheel lock while vehicle is in reverse and axle is in raised position



## Specifications

	TOUGHLIFT® LK
Suspension Capacities	25,000 lbs.
Weight	1580 lbs.
Travel	9.5 in.
Lift	6 in.
Packaging Space	26 in.
Wheel Cut	20 degree

*Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.*

*All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration. Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.*

Call Hendrickson at **800.660.2829** or **800.668.5360** in Canada for additional information.



[www.hendrickson-intl.com](http://www.hendrickson-intl.com)

### SPECIALTY PRODUCTS - AUXILIARY AXLE SYSTEMS

277 North High Street  
Hebron, OH 43025 USA  
800.660.2829  
740.929.5600 • Fax 740.929.5601

### Hendrickson Canada

250 Chrysler Drive, Unit #3  
Brampton, ON Canada L6S 6B6  
800.668.5360  
905.789.1030 • Fax 905.789.1033

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