



# TOUGHLIFT® FR

Non-Steerable  
Lift Axle Suspension Systems

Hendrickson designed the TOUGHLIFT® FR Series (Formerly HLR) to provide high lifting capability, accommodate various ride heights and facilitate easier installation.

The axle is positioned at the rear of the suspension, allowing greater clearance of the vehicle undercarriage. Available in short and medium beam versions to accommodate a variety of frame packaging dimensions and capacities of 13,000, 16,000 and 18,000 lbs.



TOUGHLIFT FR16



TOUGHLIFT FR13



TOUGHLIFT FR18



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

**HENDRICKSON**  
*The World Rides On Us®*

# TOUGHLIFT® FR SERIES Non-Steerable Lift Axle Systems

## TOUGHLIFT FR13 Series Specifications

Capacity	Up to 13,000 pounds
Suspension Type	Air up / Air down high-lifting axle
Axle Type	5-inch round connections set for single tire
Total Axle Travel	13 inches
Weight	1150 pounds
Brakes	16.5 × 5 inch with S-cam and Type 20 Chamber
Applications	Pusher or tag position for truck configurations
Air Controls	Various air control options available to meet your needs

## TOUGHLIFT FR16 Series Specifications

Capacity	Up to 16,000 pounds
Suspension Type	Air up / Air down high-lifting axle with third ride air spring
Axle Type	5-inch round connections set for single tire
Total Axle Travel	13 inches
Weight	1220 pounds
Brakes	16.5 × 5 inch with S-cam and Type 20 Chamber
Applications	Tag position for truck configurations
Air Controls	Various air control options available to meet your needs

## TOUGHLIFT FR18 Series Specifications

Capacity	Up to 18,000 pounds
Suspension Type	Air up / Air down high-lifting axle
Axle Type	5-inch round connections set for single tire
Total Axle Travel	14.5 inches
Weight	1350 pounds
Brakes	12.25 × 7.5-inch with S-cam and Type 24 Chamber
Applications	Tag position for truck configurations
Air Controls	Various air control options available to meet your needs



*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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