

# PRODUCT INFORMATION

## PERFORMANCE LEVELING STRUT

- Increase Front Ride Height by ~2 Inches – Achieve a leveled, aggressive stance that enhances both form and function.
- Perfect for Larger Tires or Accessories – Provides added clearance for upsized wheels, tires, or light off-road applications.
- Integrated, Ready-to-Install Design: Combines the coil spring and shock absorber into a single, complete unit for faster, easier installation.
- Optimized Ride Comfort – Engineered damping for smooth on-road performance and confident handling.
- OEM Fit & Compatibility – Direct-fit design matches original mounting points; no modifications required and maintain proper suspension geometry

## PRODUCT FEATURES

Elevate Your Off-Road Adventure with Hella Performance Suspension. Unleash the full potential of your off-road vehicle with Hella's loaded leveling struts. Designed by our dedicated US-based team, each product is 100% Fit and Ride-tested, ensuring seamless integration and optimal performance on the toughest terrains.

**Experience Unmatched Control:** Our proprietary valve system offers on-demand control, providing the perfect balance of stability and comfort, no matter the road conditions. Whether you're tackling rocky trails or navigating muddy paths, trust Hella to keep your ride smooth and responsive.

**Built to Last:** Featuring a chromed piston rod, our shocks inhibit corrosion while ensuring proper seal lubrication. This means a consistent wear surface for durability you can rely on mile after mile.

### FEATURES OF READY-TO-MOUNT LEVELING STRUTS

- Integrated Design: Combines the spring and shock absorber into a single pre-assembled unit.
- Vehicle-Specific Tuning: Engineered for specific truck models to maintain factory ride quality.
- Improved Damping: Often includes upgraded valving for better handling and comfort.
- Durability: Typically built with higher-grade materials for longevity and off-road resilience.
- Ease of Installation: Pre-assembled units reduce installation time and complexity.
- Height Adjustment Options: Some models offer adjustable ride height settings.

Transform your off-road experience with Hella Performance Suspension. Ride harder. Ride smarter.

# PERFORMANCE LEVELING STRUT

## ADDITIONAL FEATURES

### Benefits Over Spacers

#### 1. Ride Quality:

Struts: Maintain or improve ride comfort and handling.  
Spacers: Can degrade ride quality by altering suspension geometry.

#### 2. Suspension Geometry:

Struts: Designed to preserve correct alignment and angles.  
Spacers: May cause premature wear on ball joints, CV axles, and control arms.

#### 3. Performance:

Struts: Enhance both on-road and off-road performance.  
Spacers: Provide lift but no performance improvement.

#### 4. Safety:

Struts: Engineered to work within OEM safety parameters.  
Spacers: Can introduce stress points and potential failure risks if not installed properly.

#### 5. Warranty & Support:

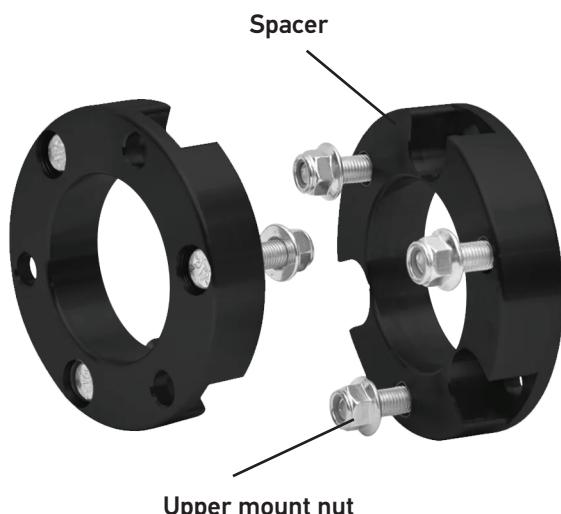
Struts: Often come with manufacturer warranties and support.  
Spacers: May void suspension warranties depending on the vehicle and dealer.

#### 6. Aesthetics:

Struts: Provide a clean, factory-like appearance.  
Spacers: May look aftermarket or unfinished depending on installation.

### HELLA Performance Leveling Struts Key Features:

- Pre-assembled struts: Saves up to 1.5 hours of installation time.
- One-piece assembly: Ensures fast, safe installation without needing spring compressors.
- Noise dampening: Includes strut bumper and spring isolator.
- HELLA Technology: Offers on-demand control, stability, and comfort across road conditions.
- Chromed piston rod: Prevents corrosion and maintains seal lubrication.
- Precision engineering: Each design is fit- and ride-tested for real-world performance.
- Durability: Extensively tested in labs and on U.S. roads.
- OEM safety compliance: Designed to maintain factory ride quality and suspension geometry.
- Aggressive stance: Levels front-end rake and accommodates larger wheels/tires.
- Benefits Over Spacers:
  - Better ride quality and handling.
  - Preserves suspension geometry.
  - Enhances both on-road and off-road performance.
  - Safer and more durable than spacer kits.



## PROGRAM OVERVIEW

Part Number	Year	Make	Model	Description	Weight	Length	Width	Height	Image
358512581	2015-2022	Chevrolet	Colorado Canyon	Performance Leveling Strut					
358512001	2009 - 2018	Dodge	RAM 1500	Performance Leveling Strut	50.769	30.39	13.58	7.12	
358512011	2019 +	Dodge	RAM 1500	Performance Leveling Strut	51.267	30.39	13.58	7.12	
358512021	2014 +	Ford	F150	Performance Leveling Strut	63.212	30.39	13.58	7.12	
358512031	2009 - 2013	Ford	F150 4WD	Performance Leveling Strut	60.764	30.39	13.58	7.12	
358512041	2007 - 2018	GM	1500	Performance Leveling Strut	65.69	30.39	13.58	7.12	
358512051	2019 - 2022	GM	1500	Performance Leveling Strut	60.019	30.39	13.58	7.12	

# PROGRAM OVERVIEW

Part Number	Year	Make	Model	Description	Weight	Length	Width	Height	Image
358512101		Polaris	Ranger Front	Performance Shock Absorbers					
358512111		Polaris	Ranger Rear	Performance Shock   Absorbers					
358512061	2007 - 2021	Toyota	Tundra	Performance Leveling Strut	59.237	30.39	13.58	7.12	

## APPLICATION EXAMPLES

