



# HDTR

## For all FLH Harley Models



### FEATURES



- Maintenance Free
- Large trunk
- Independent rear suspension
- 10" longer wheelbase
- Large automotive disc brakes
- Longer, stronger Gates Poly Chain Belt
- Uses "off the shelf" auto parts
- Built-in trailer hitch



### OPTIONS



- Electric Reverse
- Steering Kit
- Wheel Well Trim
- Black Wheel (2014 HDs)
- Chrome Wheel Package
- Performance Sway Bar
- Chrome rear bumper
- Accuride™ (Auto Leveling System)



# BELT DRIVE CHASSIS



As the very first company to employ independent rear suspension on its trike conversions, Roadsmith continues to lead the way in design and innovation within the trike industry. A key feature of our trailing arm independent suspension is the absence of unnecessary moving parts, virtually eliminating any adjustments or maintenance.

## Sway Bar

- Flexible link between trailing arms
- Uses torsion spring principle
- Trike is square to the ground when cornering

## Automotive CV Joints

- Standard automotive application
- Commercially available
- Lasts the life of the trike.

High Performance  
EBC Brake Pads

Automotive Disc Brakes

## Electric Reverse (optional)

- Utilizes high-torque 12 volt motor with gear reduction
- Produces large amounts of torque
- Very quiet
- No transmission modification

## Longer Wheelbase

- Overall smoother ride
- Similar to longer wheelbase car
- Moves suspension behind passenger

## Virtually Maintenance Free

- Easiest trike conversion to own
- No grease fittings
- Just ride and enjoy!

Built-In Trailer Hitch

## Belt Driven Differential

- Standard spider gears in an open differential
- Permanently lubed for no maintenance
- Longer, stronger Kevlar bel

## Heavy-Duty Automotive Components

- Large 11" rotors and 2-piston calipers
- Standard automotive application
- Commercially available

Adjustable Coil Over Shocks

Sealed Urethane Bushings

## Integrated Kit Mounting

- Multi-point mounting system
- Fully integrates trike chassis with motorcycle frame
- Actually strengthens bike frame

## SPECIFICATIONS

|                        |  |
|------------------------|--|
| Wheebase.....          | 77"  |
| Overall length.....    | 108"   |
| Overall width.....     | 56"  |
| Weight.....            | 1150 Lbs wet                                     |
| Storage.....           | 27" wide x 14" high opening x 15" deep           |
| Suspension.....        | Lateral trailing arm Independent Rear Suspension |
| Suspension Adj.....    | Manually adjustable coil-over shocks             |
| Stabilizer bar.....    | 5/8" bar to control body roll                    |
| Tires, rear.....       | 215/55-16 radial                                 |
| Rims, rear.....        | 16x7 alloy 5x4 1/2 35mm offset                   |
| Final drive ratio..... | Same as bike                                     |
| Brakes, rear.....      | Dual 35mm piston calipers                        |
| Body material.....     | Polyester resin, hand laid fiberglass            |
| Drive system.....      | 160 tooth Gates PolyChain Carbon Fiber 1" wide   |

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**1,000,000**  
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