



TWIST&LOCK™
aero
COVERS



Photo
courtesy of
Xos Trucks Inc.

RealWheels
front and rear
Aero Covers
shown on the
ET-One.



**NEW Twist & Lock
Front Cover**

Aerodynamic Wheel Covers with a *Twist!*

Largest Aero
Cover Selection in
the Industry

TWIST&LOCK™ **AERO** COVERS

Twist & Lock Aero Covers provide you with a great appearance, fuel savings, plus easy-on install and easy-off removal.



A Match Made in Heaven!

Combine the front and rear covers for the ultimate fuel savings.

Available For

- All rear tractors and trailers
- 22.5" and 24.5" rear wheels
- 6x2 or 6x4 rear tractors
- Dual aluminum and steel rear wheels
- Wide base single rear wheels, including zero offset
- Standard front wheels with 10 – 33mm lug nuts and 285.75mm bolt circle

Twist & Lock Features

- Test data shows 1 to 2% fuel savings with Aero Covers
- No tools required to install and remove covers
- Easy-on install and easy-off removal

**Simply Twist
and Remove
or Twist and
Install!**



Push in the black button, then push down on cover



Rotate counter-clockwise and remove cover

The ONLY Aerodynamic Covers:

- With Key Locking to protect from theft.
- With a clear viewing window to allow for easy inspection without removing the cover.



The cover attaches to the bracket and completely floats — it does not make contact with the lip of the rim or wheel in any way.

Preassembled Brackets

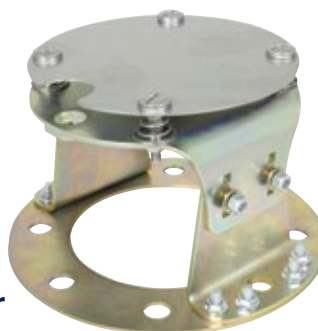
Complete kit installation on truck in 15 minutes

Front

Patent Pending



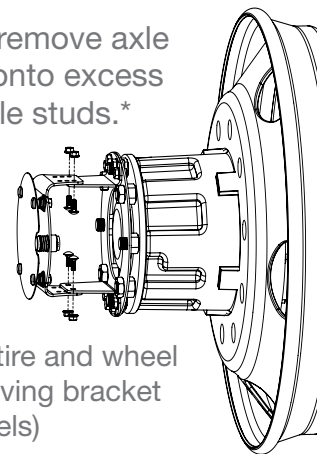
Rear



No need to remove axle nuts. Bolts onto excess thread of axle studs.*

*Minimum 3/8" excess stud required.

Can remove tire and wheel without removing bracket (on dual wheels)



Ordering Info for Rear Twist & Lock Covers

IMPORTANT! When ordering rear covers, you need to know if your axle hub has 5/8" or 3/4" axle bolts.



5/8" Axle Bolts

*Minimum 3/8" excess stud required.



3/4" Axle Bolts

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40 Years of Innovation!

A HISTORY OF AERODYNAMICS

The First Aerodynamic Wheels

Nearly 40 years ago, RealWheels was the first to create full aerodynamic wheel covers to save fuel.

A Clear View

Covers were developed with optional windows so the wheel covers do not need to be removed for basic inspections.

The Only Full Front

The Only Front Aerodynamic Wheel Cover on the market that covers the entire wheel.

Efficiency Testing

RealWheels Aero Covers have been used in many fuel-efficiency tests and trials for a variety of trucks and fleets. This includes the Mack Anthem Performance Tour in 2018.





Variety of Options

Black Powder-Coated and Clear High-Impact UV Protected Polycarbonate Covers as well as covers for Wide-Based and Zero Offset Wheels.

Rear Aerodynamic Covers with a Twist

A new Twist & Lock bracket was created, allowing the cover to be removed easily and locked securely with an optional key lock.



SuperTruck Program

RealWheels Aero Covers have been the choice of SuperTrucks. See more on the next page.



Match Made in Heaven!

Our Twist & Lock Technology has been applied to our Aerodynamic Front Covers providing the ultimate fuel savings.



RealWheels is proud to have their fuel-saving Aero Covers used by various OEMs in conjunction with the SuperTruck Program.

The Department of Energy's SuperTruck Program is a partnership with OEMs to improve freight efficiency. RWC's Aero Covers are one of the fuel-saving technologies that OEMs use to save money.



The WAVE

RealWheels Aero Covers (wrapped in carbon fiber to match the trailer) were selected by Peterbilt to be installed on the new Walmart Concept Truck and Trailer.



The CATALIST

The International SuperTruck has improved freight efficiency over its standard trucks.



The Advantage

Kenworth's T680 Advantage uses aerodynamics along with RealWheels Aero Covers for maximize fuel efficiency.



It's a Match Made in Heaven!

Our great fuel-saving Rear Twist & Lock covers paired up with our new Aerodynamic Twist & Lock Front wheel covers not only save fuel, they add to your bottom line. The matching covers look awesome and complete the look of your aerodynamic truck.

The Only Front Aerodynamic Wheel Cover on the market that covers the entire wheel.



Front Mirror Stainless with Window RW1141K*

The best of both worlds: a lightweight stainless Aero Cover with high-impact, clear polycarbonate viewing window. Polished to a mirror shine, this cover allows for easy viewing of axle and lug nuts.

Front Mirror Stainless RW1140K*

This lightweight stainless cover is polished to a mirror shine. The Aero Stainless Mirror is an attractive option for truckers looking to set their rig apart.

*Model numbers include 2 covers and 2 brackets. Requires standard front wheels with 10 – 33mm lug nuts and 285.75mm bolt circle with 3/8" excess stud.



**Front Stainless Steel
Stealth Black with Window**
RW1141KBP*

The best of both worlds: a durable black powder-coated stainless Aero Cover with high-impact, clear polycarbonate viewing window.



Front Stainless Steel Stealth Black
RW1140KBP*

High-quality 304L stainless steel with a durable black powder-coated finish.



Twist & Lock Dual Wheel Covers

RealWheels offers the largest Aero Cover selection in the industry. Choose from stainless, polycarbonate or ABS. RealWheels was the first company to offer Aero Covers and we continue to lead with the only Stainless Aero Cover with a window and the Aero Clear, made of crystal clear high impact UV protected polycarbonate.

Test Data Shows 1 to 2% Fuel Savings!



Mirror Stainless with Window

22.5": RW1043-58TK* • 24.5": RW1045-58TK*

The best of both worlds: a lightweight stainless Aero Cover with high-impact, clear polycarbonate viewing window. Polished to a mirror shine, this cover allows for easy viewing of axle and lug nuts.



Mirror Stainless

22.5": RW1042-58TK* • 24.5": RW1044-58TK*

This lightweight stainless cover is polished to a mirror shine. The Mirror Stainless style is an attractive option for truckers looking to set their rig apart.

*Model numbers include 4 covers and 4 brackets for 5/8" Axle Bolt (-58TK). For 3/4" Axle Bolt change model number to -34TK. See page 3 for diagram.



Shown with Front and Rear Mirror
Stainless with Window Aero Covers.



Clear Polycarbonate

22.5": RW1050-58TK* • **24.5":** RW1055-58TK*

With our Clear Cover you see the entire wheel and all the components. Made of crystal clear high-impact UV protected polycarbonate, it's like looking at your wheels under glass.



Stealth Black with Window

22.5": RW1053-58TK* • **24.5":** RW1056-58TK*

Stealth Black

22.5": RW1052-58TK* • **24.5":** RW1054-58TK*

More about Stealth Series Covers on Page 16.



Mirror Stainless with Window

22.5": RW1043-58WTK* • **24.5":** RW1045-58WTK*

The best of both worlds: a lightweight stainless Aero Cover with high-impact, clear polycarbonate viewing window. Polished to a mirror shine, this cover allows for easy viewing of axle and lug nuts.

Mirror Stainless

22.5": RW1042-58WTK* • **24.5":** RW1044-58WTK*

This lightweight stainless cover is polished to a mirror shine. The Mirror Stainless style is an attractive option for truckers looking to set their rig apart.

*Model numbers include 4 covers and 4 brackets for 5/8" Axle Bolt (-58WTK). For 3/4" Axle Bolt change model number to -34WTK. See page 3 for diagram.



TWIST&LOCK™ **AERO** COVERS

1" & 2" Outset Wide Base Tractor Wheels and Wide Base Trailer Wheels

RealWheels has designed a bracket that accommodates wide base trailer wheels and 1" & 2" Outset Wide Base Tractor Wheels. This bracket works with our full selection of flat Aero Covers.

Test Data Shows 1 to 2% Fuel Savings!

Shown with
Front Mirror Stainless
with Window and Rear
Aero Clear Covers.



Clear Polycarbonate

22.5": RW1050-58WTK* • **24.5":** RW1055-58WTK*

With our Clear Cover you see the entire wheel and all the components. Made of crystal clear high-impact UV protected polycarbonate, it's like looking at your wheels under glass.



Stealth Black with Window

22.5": RW1053-58WTK* • **24.5":** RW1056-58WTK*

Stealth Black

22.5": RW1052-58WTK* • **24.5":** RW1054-58WTK*

More about Stealth Series Covers on Page 16.



22.5" ZO Mirror Stainless with Window
5/8": RW1043Z-58WTK* • 3/4": RW1043Z-34WTK*

The best of both worlds: a lightweight stainless Aero Cover with high-impact, clear polycarbonate viewing window. Polished to a mirror shine, this cover allows for easy viewing of axle and lug nuts.

22.5" ZO Mirror Stainless
5/8": RW1042Z-58WTK* • 3/4": RW1042Z-34WTK*

This lightweight stainless cover is polished to a mirror shine. The Mirror Stainless style is an attractive option for truckers looking to set their rig apart.

*Model numbers include 4 covers and 4 brackets. Sizes indicate axle bolt size. See page 3 for diagram.



Shown with Front Mirror Stainless with Window and Custom Logo
Rear ZO Mirror Stainless with Window Covers.



0" Offset (ZO) Wide Base Tractor Wheels

Twist & Lock ZO Covers are designed to fit wide base tractor wheels with a zero offset. These covers have a slight dome to accommodate the ZO wheels.

Test Data Shows 1 to 2% Fuel Savings!



22.5" ZO Stainless Steel Stealth Black with Window

5/8": RW1043Z-58WTKBP* • 3/4": RW1043Z-34WTKBP*

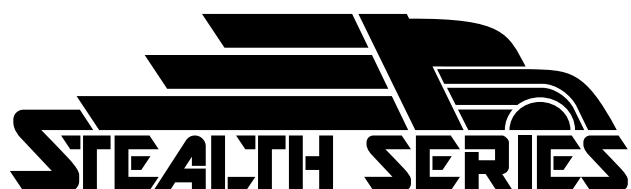
The best of both worlds: a durable black powder-coated stainless Aero Cover with high-impact, clear polycarbonate viewing window.



22.5" ZO Stainless Steel Stealth Black

5/8": RW1042Z-58WTKBP* • 3/4": RW1042Z-34WTKBP*

High-quality 304L stainless steel with a durable black powder-coated finish.



Black Powder-Coated Covers

All of our Twist & Lock Covers are available with a durable black powder-coating. This is a great alternative especially for drivers that prefer that Stealth look.

Test Data Shows 1 to 2% Fuel Savings!



**Front Stainless Steel
Stealth Black with Window**
RW1141KBP*

The best of both worlds: a durable black powder-coated stainless Aero Cover with high-impact, clear polycarbonate viewing window.



Rear Stealth Black with Window
22.5": RW1053-58TK** • 24.5": RW1056-58TK**

A no-nonsense, high-impact ABS plastic with high-impact clear polycarbonate viewing window.

*Front Model numbers include 2 covers and 2 brackets. Covers require front wheels with 10 – 33mm lug nuts and 285.75mm bolt circle.



Shown with Front and Rear Stealth Black Covers.

ROI: Less than 6 Months
Call for details.



Front Stainless Steel Stealth Black

RW1140KBP*

High-quality 304L stainless steel with a durable black powder-coated finish.



Rear Stealth Black

22.5": RW1052-58WTK** • 24.5": RW1054-58WTK**

One of the best ROI's in the industry, this no-nonsense, high-impact ABS plastic Aero Cover provides vehicles with an aggressive and strong appearance and offers all the Aero benefits.

**Rear Model numbers include 4 covers and 4 brackets for 5/8" Axle Bolt (-58TK). For 3/4" Axle Bolt change model number to -34TK. See page 3 for diagram.



Rear Twist & Lock Aero Covers For Trailers

All of our rear Twist & Lock cover styles are available for trailers. Call us at 1-800-982-1180 or visit RealWheels.com more information.

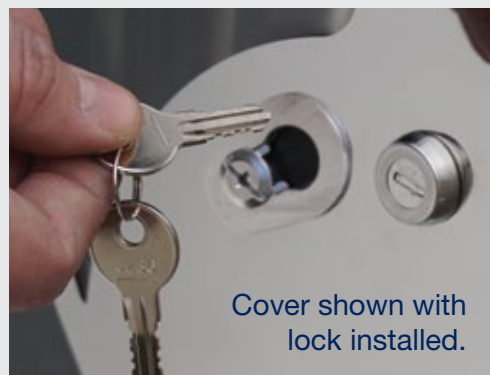
Anti-theft Key Locking Available on All Covers

Covers are laser scored for installation of lock.

Lock Set:

4-Pack: RWTLOCK-4PK

2-Pack: RWTLOCK-2PK



Cover shown with
lock installed.

Laser Cut Logos Available

Custom logos are available for fleets and OEMs. Call for details.



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Braided stainless steel extensions mount securely to the EZ-Access Air Valve Tabs.



Optional EZ-Access Air Valve Extension Kit

Model No.: RW1258-6K

Since Twist & Lock Aero Covers are easy to install and remove, air valve extensions are not required. However, this optional kit allows for even easier and more convenient access to air valves when checking tire pressure.

EZ-Access Kit Benefits

- Easy & quick installation
- Allows for convenient air pressure check and inflation
- Proudly made in the USA!

EZ-Access Kit Includes

- One 16" Straight Extension
- One 14" 180° Hooked Extension
- Two EZ-Access Air Valve Tabs

LED AirGuard[®] **SET & GO** Tire Pressure Monitoring System

The Easiest
TPMS to Calibrate
and Recalibrate

AirGuard Set & Go:

4-Pack: RW-PPK-0402

6-Pack: RW-PPK-0403



This active tire pressure monitoring system starts flashing RED if the tire pressure drops 5 to 10 psi.

- **Improved Fuel Economy** – Proper tire inflation can save an estimated 3% to 5% in fuel costs.
- **Safety** – Improper tire pressure has a detrimental effect on handling, braking and control.
- **Longer Tire Life** – According to the D.O.T., 95% of all premature tire wear is caused by underinflation.
- **Self-calibrating** – LED AirGuard Set & Go memorizes pressure when initially installed and can be easily recalibrated by simply removing and reinstalling.



LED AirGuard
can be seen through
Twist & Lock Covers
with Windows

TWIST&LOCK™ AERO Plus PACKAGE

For even greater fuel savings, RealWheels has created the AeroPlus Twist & Lock Package, which combines our Aero Covers, Stainless Steel Air Valve Extensions and LED AirGuards at a reduced package price.



Dual Wheel Truck Package: **Call for Pricing**

- RW1052-58TK: Drive Axle with 5/8" bolts
- (4) Aero Twist & Lock Black ABS Covers
- (10) Stainless Steel LED Set&Go AirGuards
- (4) Air Valve Extensions

Wide Base Wheel Truck Package: **Call for Pricing**

- RW1052-58WTK: Drive Axle with 5/8" bolts
- (4) Aero Twist & Lock Black ABS Covers
- (6) Stainless Steel LED Set&Go AirGuards



Save More Money!

AeroPlus Twist & Lock Package Savings Examples

Product	Truck Only	Truck & Trailer
Aero Covers	1%	2%
LED AirGuard*	1.5%	3%
AeroPlus Fuel Savings	2.5%	5%
Fuel Savings**	\$1,443	\$2,817
Maintenance Savings***	\$686	\$1,372
Total Annual Savings	\$2,199	\$4,189
Dual Wheel ROI	2 to 3 months	
Wide Base Wheel ROI	1 to 2 months	

*Tire Inflation Pressure—Every 10 psi of underinflation represents approximately 1% penalty in fuel economy. Estimates of 1.5% and 3% shown are for illustrative purposes and show an improvement in fuel economy by maintaining proper tire pressure versus driving on underinflated tires.

**Fuel Savings Example based on running 130,000 miles per year at 6.50mpg, consuming 20,000 gallons of fuel at \$3/gal. When using AeroPlus, the minimum average is 6.66mpg, the maximum average is 6.82mpg.

***Maintenance Savings Example based on a labor rate of \$40 per hour and 10 to 20 minutes per pressure check. Maintenance dollars saved would be \$6.60 to \$13.20 per air pressure check. Pressure is checked twice a week. If more than two pressure checks per week are required, this amount would also increase.



Call 1-800-982-1180 for more information.

3940 Tannahill Drive • Gurnee, IL 60031
847-662-7722 • Fax: 847-662-7744 • www.RealWheels.com

Patent Pending

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