



CARB Compliance at a Profit



Choose AeroTrailer Package



>10% fuel efficiency gains* - Exceeds all CARB & SmartWay requirements for trailer aerodynamics

For Fleets:

- With high-mileage: <1-2 year payback period with savings of \$3,000 to \$7,000 per trailer per year**
- Seeking highest levels of fuel efficiency and environmental responsibility

Package Includes:

- TrailerTail® rear drag reduction technology
- ATDynamics-Transtex Skirt
- WheelShield™ aerodynamic wheel covers
- Choice of front gap fairings or integrated tractor-fairing sensor technology

Choose TrailerTails® Only



>5% fuel efficiency gains* - Meets CARB & SmartWay requirements for trailer aerodynamics

For Fleets:

- Looking for single component compliance with CARB aerodynamics requirements
- Concerned with uneven driving terrain not compatible with skirt technology
- Needing easy access to equipment, tool boxes, or under-trailer storage
- Requiring intermodal transportation of trailers (TrailerTails® collapse flush against trailer rear-doors)

Choose ATDynamics-Transtex Skirts Only



>5% fuel efficiency gains* - Meets CARB & SmartWay requirements for trailer aerodynamics

For Fleets:

- Looking for single component compliance with CARB aerodynamics requirements
- With non-standard rear-door configurations
- Seeking CARB compliance for roll-door trailers (TrailerTail® roll-door device coming soon)

Footnotes:

* Efficiency figures based on SAE Type II test results at 62 mph. Test results are rounded down to account for 55 mph California highway speed.

** Payback assumes ~\$5,000 equipment costs and ~2 people x 1 day to retrofit entire trailer @ \$60/hr. Annual savings based on diesel fuel price range of \$2.00 to \$4.50 per gallon. Fleets achieving over 100,000 miles at highway speeds per year will achieve greater savings.

Contact ATDynamics fleet efficiency advisors at: **888-ATD-8245**



www.ATDynamics.com



B-CC0812-F

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CARB Trailer Requirements and Compliance Deadlines - Summary



Requirements

All 2011 and newer MY dry-van trailers must be either:

- U.S. EPA Certified SmartWay Trailers, or,
- Equipped with either of the following combinations of SmartWay-approved aerodynamic technologies and SmartWay-approved low-rolling resistance tires:
 - Tires and side skirts and either a front trailer fairing or rear trailer fairing
 - Tires and any combination of aerodynamic technologies that achieve 5 percent fuel savings in accordance with the SmartWay Program

All 2011 and newer MY refrigerated-van trailers must be either:

- U.S. EPA Certified SmartWay Trailers, or,
- Equipped with either of the following combinations of SmartWay-approved aerodynamic technologies and SmartWay-approved low-rolling resistance tires:
 - Tires and any combination of aerodynamic technologies that achieve 4 percent fuel savings in accordance with the SmartWay Program

Compliance Deadlines

2010 or previous MY dry-van and refrigerated-van trailers must comply with the same requirements by January 1, 2013 or select the Optional Trailer Fleet Compliance Schedule or, if refrigerated-vans, the Refrigerated Fleet Compliance Provision.

Optional Trailer Fleet Compliance Schedule

Large Fleet Compliance Schedule (>20 trailers)

5% by December 31, 2010
15% by December 31, 2011
30% by December 31, 2012
50% by December 31, 2013
75% by December 31, 2014, and
100% by December 31, 2015

Small Fleet Compliance Schedule (<21 trailers)

25% by December 31, 2013
50% by December 31, 2014
75% by December 31, 2015, and
100% by December 31, 2016

Refrigerated Fleet Compliance Provision

All 2003 and 2004 MY trailers – Compliant by December 31, 2017
All 2005 and 2006 MY trailers – Compliant by December 31, 2018
All 2007 and 2008 MY trailers – Compliant by December 31, 2019

Early compliance option also available.

*Regulations are applicable to all 53-foot trailers that run >50,000 miles per year and operate outside a 100 mile radius of local haul base.



For more info visit California Air Resources Board

www.arb.ca.gov

or call

888-283-8245



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