

ONSPOT
AUTOMATIC TIRE CHAINS

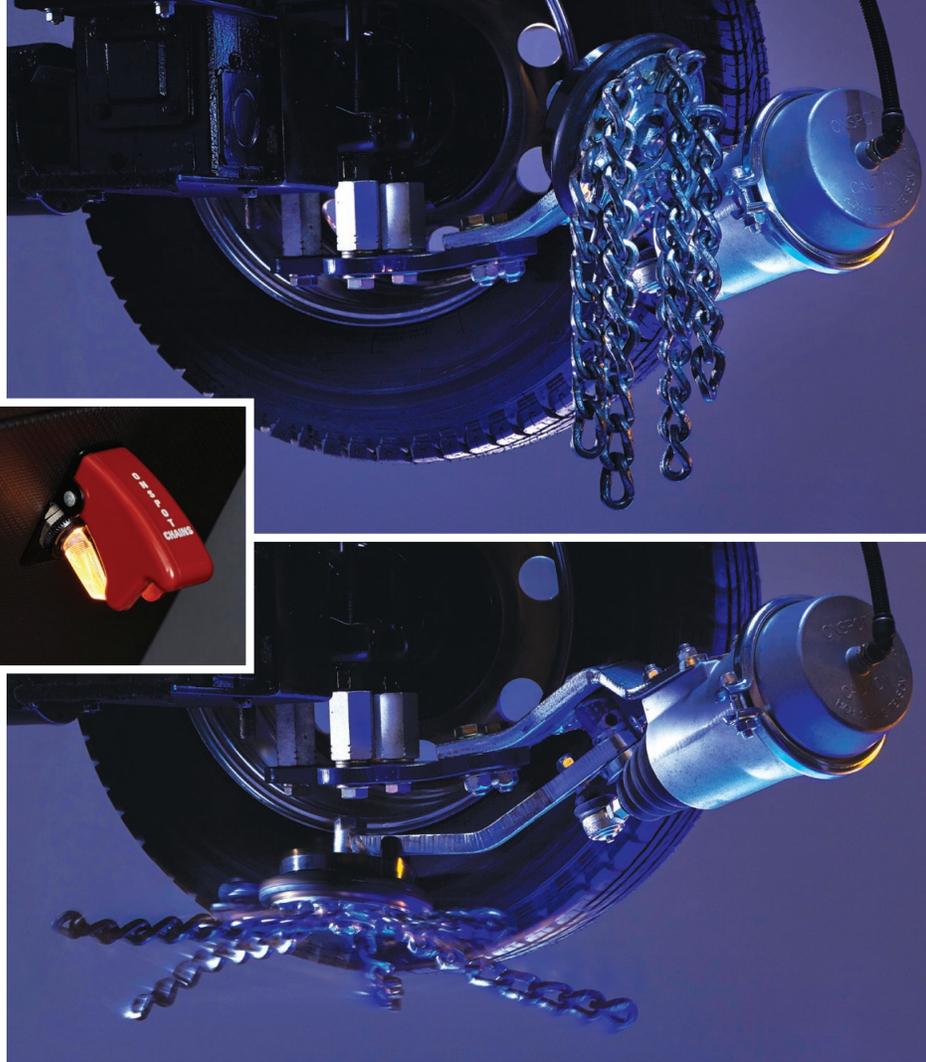
Get a Grip™ on Snow and Ice

...AT THE FLIP OF A SWITCH!



ONSPOT

AUTOMATIC TIRE CHAINS



What is Onspot?

The Onspot Automatic Tire Chain System offers the traction of a single set of conventional snow chains at the flip of the dashboard switch without having to stop the vehicle. The system works in forward, reverse or while braking in either direction.

An electric switch mounted in the cab energizes an electric solenoid air valve conveniently mounted within the vehicle. The air supply to the solenoid can be obtained from either the vehicle's onboard air system or our 12-volt air compressor kit.

When the dashboard switch is activated, compressed air enters the cylinder which lowers the chainwheel position to contact the inside of the tire. The contact between the sidewall and the rubber-

covered chainwheel causes it to rotate, creating enough centrifugal force to swing the chains out and underneath the tire.

Six lengths of chain spaced at 60-degree intervals on the chainwheel ensure that there are always 2 chain strands between the tire and road surface. Onspot works when accelerating in forward or reverse or when braking in either direction. The chains may be engaged in forward or reverse.

When you are ready to turn off the chains simply flip the switch to the off position. The supplied air exhausts from the system allowing the chainwheels to return to their resting position, safely away from the road and other potential hazards.



Built-In Reliability

Onspot, the originator of the automatic tire chain system, has built a solid reputation due to its successful research and design for nearly four decades. The Onspot system is built to absorb shock and to withstand the hostile environment found underneath the truck chassis. The system utilizes chain made of special through-hardened alloys which have been proven to stand the test of time.



Fits Most Vehicles

A variety of Onspot models are available for either spring or air-suspended vehicles. The system is adaptable to most trucks and buses. Onspot fits each vehicle individually, thereby eliminating the problems inherent in universal adapters. Onspot helps choose the model best suited for your operating needs. Each system is delivered with an adapter kit, designed to fit your specific vehicle at our manufacturing facility.



Precise Installation

A properly installed Automatic Tire Chain system is the basis of effective operation. It is best when a trained Onspot professional, equipped with knowledge and experience, handles your installation. Call your nearest Onspot representative or dealer to assist you with your installation needs.



Short or Long Runs

Often drivers think that the Onspot automatic tire chain system, which works whether you're in forward or reverse, is for use only when encountering patches of ice or snow. The Onspot system can be engaged on the go and is meant to withstand use for the long hauls at speeds of up to 35 MPH.



Safely and Quickly

Onspot is the solution of choice when deadlines must be met or in situations where passenger safety is paramount. Once your vehicle is equipped with Onspot, the system can be engaged in a matter of seconds. All it takes is a flip of the switch located within the cab of your vehicle. If black ice or packed snow lies ahead, you'll have the additional safety advantage of knowing that you can immediately deploy your Onspot system. Forget the days of pulling to the side of the road and putting yourself at risk to manually install tire chains. The safety and convenience of Onspot is available anytime you need extra traction.



Save Time and Money

Onspot is designed to last the service life of the vehicle with minimal maintenance required. Often it can be transferred to a replacement vehicle. The Onspot system is both efficient and cost effective, saving time and money.



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Features and Benefits

- Permanent installation, vehicle is always prepared
- Onspot models to fit most vehicles from pick up trucks to tractor trailers
- 12 Volt air compressor kit available for vehicles without air brakes
- Shift on the fly up to 25 mph
- Operating speed 2 mph to 35 mph
- More hauling force
- Faster acceleration
- Reduces stopping distance
- Traction in forward or reverse
- Increases vehicle safety and productivity
- Eliminates wheel well damage from conventional chains
- Designed for ice, packed snow and up to 6 inches of snow
- Few parts with little maintenance
- Replaceable chainplates
- DOT approved in all 50 states
- Approved for states with chain control areas

Your Kit Includes

- ✓ **CHAIN UNIT ASSEMBLY**
The unit is fastened to the vehicle mounting bracket and consists of an air cylinder, swing arm and chainwheel. The chainplates are replaceable. The air cylinder contains a diaphragm, pushrod, return spring and protective boot.
- ✓ **AIR SOLENOID**
Allows compressed air to flow to the chain units when the dashboard switch is activated. NFPA 2010 Compliant
- ✓ **DASHBOARD SWITCH with SWITCHGUARD**
Used to provide 12 volts to chassis-mounted solenoid.
- ✓ **VEHICLE MOUNTING BRACKETS**
The bracket is bolted to the vehicle's rear suspension and is designed to fit the particular vehicle for a permanent installation of the Onspot system in a few hours.

The Onspot Story: Over 35 Years of Satisfied Customers

Black ice and snow pose a serious threat to commercial trucks, buses and emergency vehicles – often when time and safety are of the utmost importance. A blinding snowstorm or deceptive black ice on a cold sunny day can both lead to an emergency situation for drivers. Safety and deadlines can be put to the test during these moments.

The owner of a small milk transportation fleet faced these dilemmas time after time in rural Sweden. Delays in his service resulted in spoiled product, expensive repairs and dissatisfied customers. This savvy fleet owner took on the problem and began work on a solution that could significantly reduce the risks involved with transporting goods in hazardous conditions. From this, Onspot of Sweden was born, and the automatic tire chain system developed.

The Swedish terrain, rugged and mountainous, along with its severe weather conditions provided an ideal proving ground for product development. The mix of terrain and weather found in Sweden are duplicated all over the world; from the narrow, twisty passes of the Swiss Alps to the frozen, vast plains of North America. As such, Onspot became a robust and reliable product fit for many applications across the globe.

No longer does a driver have to take precious time, in the freezing cold, to chain up; or anticipate whether or not to use chains – and guess wrong. At the flip of a switch, placed within the vehicle's cab, chains are deployed within seconds. That's a safety factor few can ignore.

A fleet manager can rest easy without having to stay up at night worrying about the loss of a vehicle or the safety of passengers and drivers with the first sign of inclement weather. Worldwide studies have proven the Onspot Automatic Tire Chain System's effectiveness in drastically reducing winter-related accidents. Its use is an additional safety factor that can also significantly increase the bottom line.

Onspot has outfitted over 150,000 vehicles worldwide. With nearly four decades of application and design experience, Onspot is the trusted choice for Automatic Tire Chain systems. Contact us today to find out how Onspot can work for you.



800-766-7768
WWW.ONSPOT.COM



AUTOMATIC TIRE CHAINS

Service and Support - A Perfect Fit

Onspot has been the proven leader in sales, service and support for nearly four decades. We pride ourselves on responding quickly to your needs. Onspot Automatic Tire Chain systems are designed with a custom mounting system for your vehicle and shipped to your location within 72 hours. We have a long standing commitment to 24 hour shipment of service parts.

Onspot is available as a factory option at over 200 OEMs and Bodybuilders as well as being supported through a specialized dealer network in the United States and Canada.

Don't waste time and effort on "one size fits all" solutions. At Onspot, we design and manufacture a mounting system for your unique vehicle. We back up this capability with a national team of Regional Managers and Service Technicians that are available to help with installation training, service and support.

ONSPOT SERVICE & SUPPORT:

800-224-2467
service@onspot.com

“We have outfitted ALL 110 of our School Buses with the Onspot Automatic Tire Chain System. Our drivers say that Onspot’s instant traction gives them a sense of security and the children a safe journey.”

Victor Gabriel, Director of Transportation
Harrison County, West Virginia

“As a result of the excellent performance from our first set of Onspot chains, we have upfitted all our apparatus with Onspots.”

James Allen, Captain
Nichols Connecticut Fire Department

“We tested these automatic snow chains for several seasons before we were totally convinced that they saved time and money. This system requires very little maintenance and, while we normally stock \$17,000 in conventional chains, we have found that the automatic chains wear far less as they are used only when needed so we do not have to stock any parts for them. Not only have the automatic chains made the City of Omaha more efficient in time and cost, I feel they have also helped increase the morale of our operators since they don’t have to install or remove the old style chains.”

Wayne E. Reed, Supervisor
City of Omaha, Nebraska

“We performed our own Onspot installation that went quite easy using the instructions provided. We then evaluated the system for 5 months. Our drivers comment: Saves time, excellent, fast, makes call outs safer on ice and snow. As a result, we plan to upfit additional trucks next season.”

Dick Taggart, Transportation Supervisor
Central Vermont Public Service

“Our Onspot-equipped ambulance really saved the day last winter! During a blizzard, we were sent mutual aid into a neighboring town because their paid ambulance service couldn’t reach homes while we could travel the roads like they were perfectly clear thanks to our Onspot Automatic Tire Chains. Our new ambulance will also be equipped with Onspots because I wouldn’t order another vehicle without them.”

Robert M. Krohn, Chief
South Toms River, NJ - Volunteer First Aid & Rescue Squad

“Herzig Hauling, LLC owns a fleet of 16 single axle tractors leased to FedEx Ground in Connecticut pulling doubles in the northeast. The weather and road conditions change quickly and the ability to flip a switch in the cab and have the Onspot Automatic Tire Chains provide traction to the drive tires without getting stuck in the middle of the road or having to stop on the side of the highway to put tire chains on is much safer for the drivers, eliminates workers comp exposure and saves time. When the road clears up flip the switch the chains come up and you keep on trucking. Our company motto is Safety First, and, having our trucks equipped with Onspot Automatic Tire Chains for the past 15 years helps keep our drivers safe and moving.

Keith Herzig, Member/Owner
Herzig Hauling, LLC - Columbia, CT





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LOCAL DEALER



MANUFACTURED IN USA
by Onspot of North America, Inc.
ISO 9001:2008 CERTIFIED

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