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Products and Services for Today's Electric, Telecom, and CATV Utilities

January 2013

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DIGGER DERRICKS

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- THE LINEMAN'S KNIFE.

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# BrushBlade™

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- Blunt tip blade
- Locks in open position to prevent accidental closing
- Blade can be closed when not in use



## 2 Tools in 1

- Integrated wire brush for cleaning conductors to make better connections
- Brushes up to 1000 MCM Conductor
- Wire brush is easily replaceable
- Blade back design discourages scraping the aluminum conductors which can distort the size
- Stainless steel black oxide coated blade for maximum durability and sharpness

## Ease of Use

- Reversible thumb stud for quick one-handed opening from the left or the right
- Built-in non-conductive snap ring

Catalog # BB-1 (BrushBlade - The Lineman's Knife)  
Catalog # WB-1 (Wire Brush Replacement)

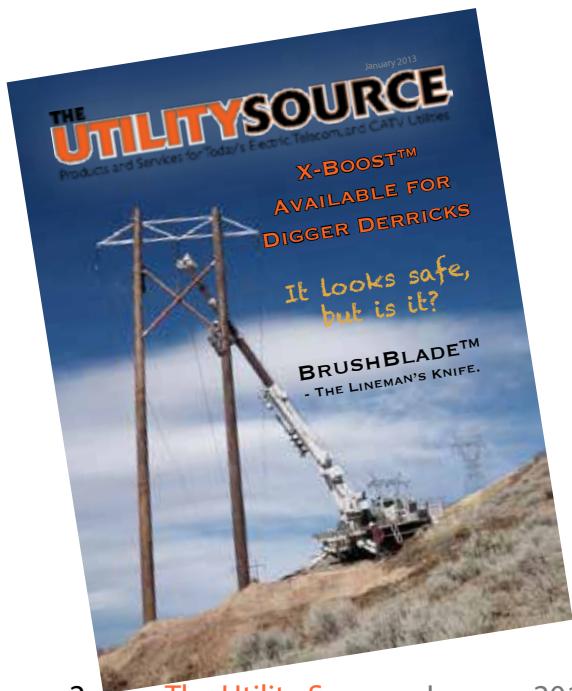
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PATENTS PENDING

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**THE**  
**UTILITY SOURCE**

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Cover Artwork  
Provided by Nesco  
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# NEW X-BOOST™ OPTION AVAILABLE FOR TEREX® DIGGER DERRICKS

Terex Utilities now offers the multi-control X-Boost™ as an option for Terex® Commander 4000 digger derricks. The optional X-Boost system activates increased hydraulic power to give Terex digger derrick operators increased load handling and lifting capacity within a 10-ft radius. The X-Boost can be installed at the factory on new, or retrofitted with a manufacturer's kit on to existing, Terex Commander 4000 models.

On a Terex digger derrick equipped with X-Boost, a sensor monitors the truck's boom angles. When the boom reaches proper elevation, a sensing switch on the system adjusts pressure to match the lift cylinder pressure to the load. This pressure adjustment allows the machine to handle loads within a 10-ft radius from the centerline of the truck's rotation.





**"TEREX DIGGER DERRICKS EXCEL AT DIGGING HOLES, HOISTING AND SETTING UTILITY POLES AND LIFTING A VARIETY OF MATERIALS," SAYS JOHN PANTZKE, PROJECT MANAGER, TEREX UTILITIES. "THE X-BOOST SYSTEM ALLOWS CUSTOMERS TO MAINTAIN THE PERFORMANCE OF THEIR UNIT IN THE DIGGING ZONE COMBINED WITH INCREASED LIFTING CAPACITY AT HIGHER BOOM ANGLES. THIS OPTION IS YET ANOTHER WAY FOR US TO HELP OUR CUSTOMERS OPERATE MORE EFFICIENTLY."**

To learn more about the Terex X-Boost derrick option, as well as other Terex Utilities products and services, visit [www.terexutilities.com](http://www.terexutilities.com).

#### About Terex

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# BrushBlade™

## THE LINEMAN'S KNIFE

MADI has introduced BrushBlade™ - The Lineman's Knife.  
Clearly, this knife is the first of its kind.

BrushBlade™ combines 2 tools into one and helps linemen decrease outages, minimize open neutrals and bad connections, and create significant savings by brushing conductors properly! The two tools are a knife and an integrated wire brush. The wire brush helps clean conductors to make better connections and covers conductors up to 1000 MCM. This covers most conductors and the wire brush is easily replaceable. Other key features that make this product unique are the reversible thumb stud for quick one handed opening from the left or the right and the built-in nonconductive snap ring for easy storage.

Not only is it more efficient but it is significantly safer than knives currently available. BrushBlade™ is safer because the blade can be closed when not in use, locks in the open position preventing accidental closing, has a blunt tip, and a blade back design which discourages scraping the aluminum conductors.

Catalog #: BB-1 (BrushBlade - The Lineman's Knife)

Catalog #: WB-1 (Wire Brush Replacement)

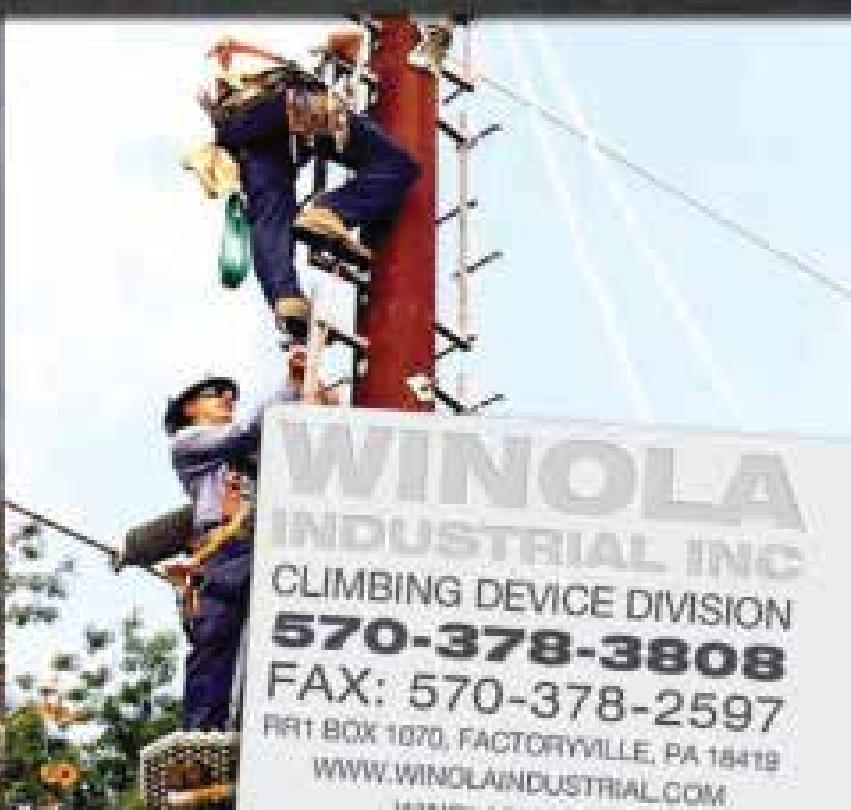
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- Stainless steel black oxide coated blade for maximum durability & sharpness.

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### Maximum Safety

- Blunt tip blade
- Locks in open position to prevent accidental closing
- Blade can be closed when not in use

### Ease of Use

- Reversible thumb stud for quick one handed opening from the left or the right
- Built-in non conductive snap ring

Decrease outages,  
minimize open  
neutrals  
and bad  
connections,  
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savings by brushing  
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- Portable or Permanent Mount
- 2 Year Limited Warranty
- Wireless or Hard-Wired Remote Control



Model	Description	Beam Pattern
GRX-1000	Digital Motion Control	FL1 Standard
GRX-1000P	Point & Click	FL1 Standard
GRX-1000R	Programmable	FL1 Standard
GRX-1000W	Wireless Control	FL1 Standard



#### Stryker - Halogen

- NEW LED Lens & Arcable (\$154.99)
- 370° Rotation x 135° Tilt
- Portable or Permanent Mount
- 2 Year Limited Warranty
- Wireless or Hard-Wired Remote Control



Model	Description	Beam Pattern
SRX-1000	Digital Motion Control	FL1 Standard
SRX-1000P	Point & Click	FL1 Standard
SRX-1000R	Programmable	FL1 Standard
SRX-1000W	Wireless Control	FL1 Standard

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- Portable or Permanent Mount
- 5 Year Limited Warranty
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Part #	Mount Type	Power Options
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P-14-107-201-001	Universal Mount	Mod. 12VDC
P-14-107-201-106	Universal Mount	Mod. 12VDC v.1
P-14-107-001	Universal Mount, Standard	Mod. 12VDC v.1

## Stryker- HID



- 1 Mile Effective Beam Distance
- 370° Rotation x 135° Tilt
- Portable or Permanent Mount
- 5 Year Limited Warranty/1 Year Bass
- Wireless or Hard-Wired Remote Control



Part #	Mount Type	Power Options
P-14-107-201-106	Vane, Universal, 115V AC	Mod. 12VDC v.1
P-14-107-201-001	Universal Mount	Mod. 12VDC v.1
P-14-107-201-106	Universal Mount	Mod. 12VDC

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Part #	Color Temp.	Color
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GXL-3	2000K	Red



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# It looks safe, but is it?



by Andrew Chau, T. A. Pelsue Company

We all know milk expires, but what about your safety tools? Do you know the expiration date on your safety products? A worker's safety on the jobsite is dependent on the ability of the worker to work safely and trust in the safety products that are employed. Many workers, no matter what occupation, have safety guidelines and procedures to keep them safe. Safety products have been utilized to better protect a worker so they can get the job done correctly, efficiently and most importantly, safely. With all these safety products in the world today comes numerous standards and regulations that must be met and followed when workers are required to be placed in dangerous situations to complete a job; hence, the certification of products. Certified safety products allow workers to perform their duties efficiently and confidently. But how long do these certifications last?

With such a high level of importance, the recertification of safety products is a practice that should not be forgotten. The use of certified safety products protects both the worker and the company. The worker can confidently perform his/her job, and the company can be self-assured that the task at hand is being completed correctly. With all the standards and regulations these days, there have been countless safety products that are available for numerous situations. The use of safety products could range anywhere from entering a confined space using an ANSI compliant manhole guard retrieval system, or having fall protection using a composite fall arrest tower anchored to an I-beam on top of an electrical transformer. When you or someone else's life is dependent on certain products or equipment, making sure that it is correct working order is of the utmost importance.

With new standards and regulations being written and revised constantly, new products are being created or evolving to meet those new conventions. Depending on the level of danger or complexity, some products may require more attention than others. It is important to identify which products need to be recertified and which do not. The recertification process can catch small issues before they become

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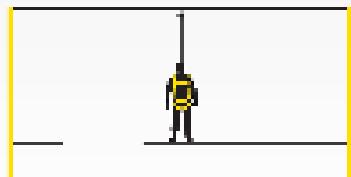
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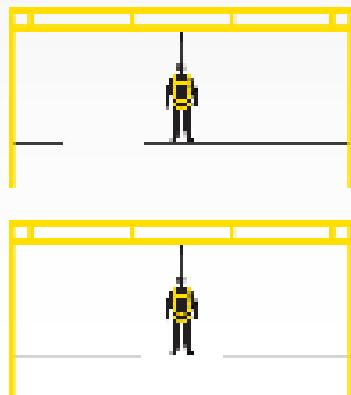
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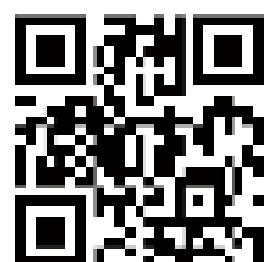
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a major disaster. Products may need to be recertified due to age or amount of normal wear and tear. There should be a set routine for checking and ensuring the products integrity and full dexterity of its capability. Recertifying a product may not always mean repairing a broken part or missing component. The product may just need routine maintenance to keep it performing at its full potential and functionality while maintaining its level of reliability. Visible problems with safety equipment can range from broken welds to deformations in the metal itself; however, it is imperative to get safety products recertified because not all issues or problems can be seen with the naked eye. Visible problems with safety equipment can range from broken welds to deformations in the metal itself; however, it is imperative to get safety products recertified because not all issues or problems can be seen with the naked eye. For example, when the safety product is mechanical with moving parts, like a personnel hoist, it is very important to get these inner workings of the hoist inspected. In common cases involving hoists or winches, the equipment would likely include a hoist line (cable), gears, brakes, etc.

These components can be compromised by over usage, improper usage, improper storage, chemical exposure, etc. In most cases, the products just need a routine check up and maintenance by having the components of the hoist be re-lubricated or brakes replaced. There are certain areas that an untrained person should not attempt to do visually. It may be best to have the equipment recertified under the original manufacturer, or under an approved dealer of the manufacturer. Recertifying equipment can avoid major problems which can cause injury or even death caused by a missed routine maintenance. The use of safety products is allowing us to expand our vertical limits. Whether it is building enormous structures stretching for the sun, or descending into the depths of manholes toward the center of the earth,

a worker's trust in their products could mean the difference between a job succeeding or not. Certifying a safety product ensures the well being of the worker and the workers around them. It is up to the user to ensure that their equipment can perform and maintain standards in which it was originally intended to do.

Internal deficiencies may impose greater concerns and problems than external signs. The product must be routinely examined, tested, and recertified by a qualified technician if not the original manufacturer themselves. The ability of the user is somewhat limited to the capability and the functionality of the user's equipment. The common phrase "If it isn't broke, don't fix it" comes to mind. This is not the case when it comes to safety. Ensuring that there is not a problem of fixing a problem before it turns into a major catastrophe is the safest thing one can do. Recertification of safety products is as important if not more important as using a completely new certified product.



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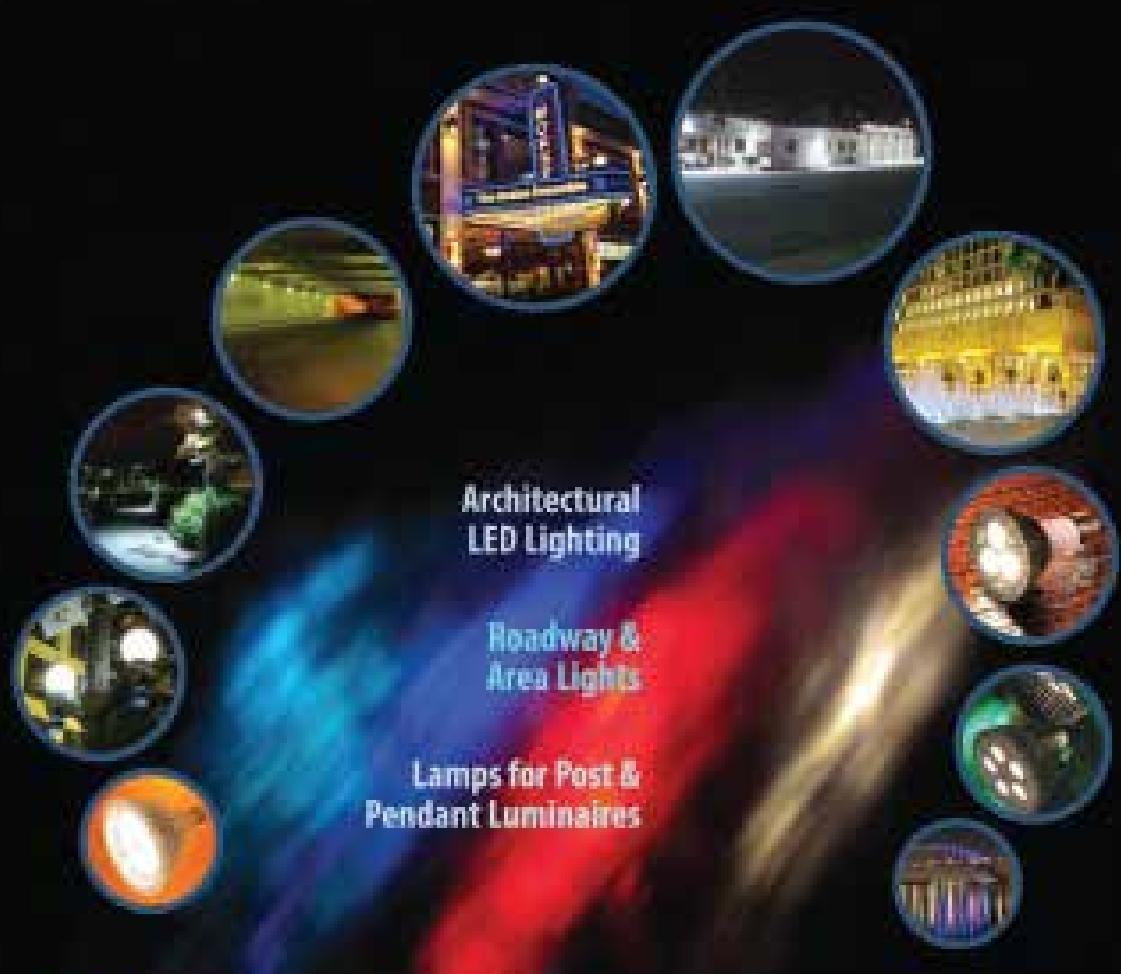
## Releases Rail Mount LED Work Light with Dual Light Heads

Magnalight.com announced today the release of the WAL-JH-2XWP400 Rail Mount LED Work Light designed to allow fast temporary mounting to ladders, scaffolding and railings. This high output LED work light is designed to provide highly versatile mounting options for workers who frequently use ladders and scaffolds during work operations. This LED light features an adjustable scaffold mounting bracket and dual light heads that make it an ideal lighting solution for larger work spaces where operators must work from elevated locations.

The Magnalight WAL-JH-2XWP400 rail mount LED work area light provides powerful and dependable LED illumination with dual LED light heads and versatile mounting options with an adjustable J-hook ladder mount bracket. This railing mounted work light produces 2,924 lumens of bright white light



distributes it in a wide flood pattern capable of illuminating 15,000 square feet of work space. The lamp assembly on this work light consists of two 40 watt LED light fixtures producing 1,462 lumens each mounted onto an aluminum J-hook bracket designed to be attached to ladders, scaffolds and railings without the need for tools. The J-hook bracket can be adjusted between 26 inches to 43 inches in length, allowing it to be quickly and easily fitted to a wide variety of railings and scaffolds of various sizes. Each LED lamp is independently adjustable and a an adjustable center post allows the operator to elevate the lamps up to three feet above the mounting bracket for better coverage. The lamps are IP68 rated waterproof to three



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meters, providing excellent protection against water and humidity, and the LED design is highly resistant to damage from shocks and vibrations. The lamps have a 50,000+ hour operational life, providing more than twice the longevity of HID lamps, and are designed to provide high output while running cooler, resulting in less heat in the work area and less chance of accidental burns should hands or fingers come into contact with the lamps while they are operating. These scaffold mounted work lights run with common 120-277 VAC current in standard configuration, allowing them to be operated from most typical wall outlet power sources. Magnalight also offers optional 12/24 VDC configurations for applications where low voltage power sources are preferable or more convenient. These rail mount LED work area lights are ideal for workers who operate in large spaces where scaffolding and ladders are commonly used and allow them to position the lights in elevated locations, thus providing excellent overhead illumination of the work area below and around them.

*"This rail mounting system is an extremely versatile way to utilize the two high powered LED light heads." said Rob Bresnahan with Larson Electronics. "Being both lightweight and highly durable, the entire lighting configuration is ideal for sand blasting, construction, and anywhere portable lighting is needed."*

Larson Electronics' Magnalight offers a wide selection of LED work lights, LED light towers, explosion proof lights, LED flashlights, and intrinsically safe LED lights. The Larson Electronics family of brands can be found on Magnalight.com, LXFlashlights.com and Larsonelectronicsllc.com. You can also call 1-800-369-6671 to learn more about all of Larson Electronics' lighting products or call 1-214-616-6180 for international inquiries.

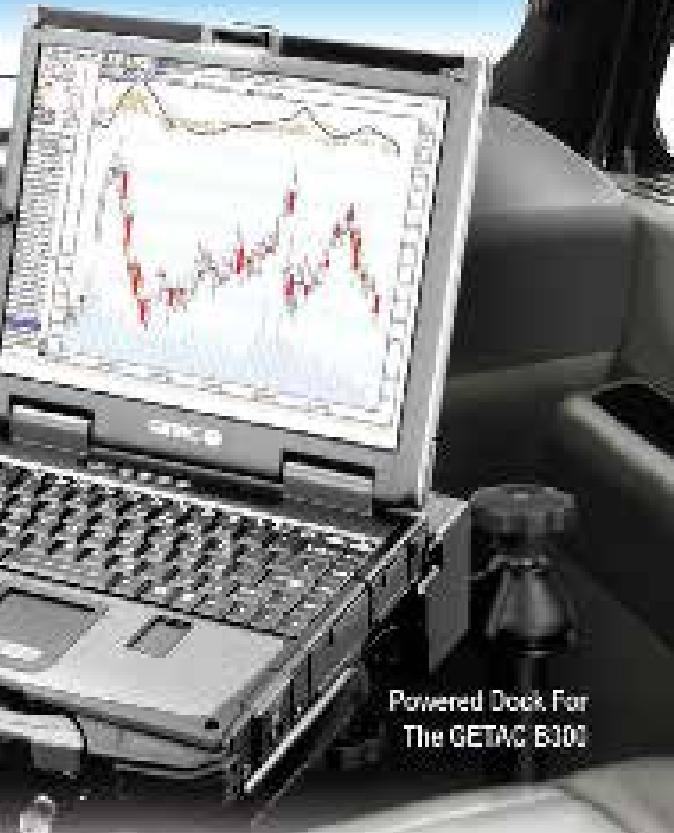
The advertisement features a central background image of an industrial facility with tall metal structures and pipes. Superimposed on this background are several product images:

- VAULT BLOWERS and ACCESSORIES**: An image of a rectangular fan unit with a black metal cage and a control panel.
- TRANSFORMER COOLING FANS and ACCESSORIES**: A large, circular industrial fan with a black metal cage.
- CONFINED SPACE BLOWERS and ACCESSORIES**: An image of a yellow and black portable blower unit with a flexible hose.
- California Turbo, Inc.**: The company logo, which consists of a red stylized gear-like shape followed by the company name in a bold, red, sans-serif font.
- Contact Information**:
  - (800)448-1446 fax: (909)854-2801
  - 10721 Business Drive, Fontana, CA 92337
  - [www.californiaturbo.com](http://www.californiaturbo.com) e-mail: [hank@californiaturbo.com](mailto:hank@californiaturbo.com)

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