NORTH AMERICA

WEGMANN® automotive

DRIVE UP

PRODUCT PREVIEW

WHEEL BALANCING

We have everything you need to achieve perfect wheel balance



AIR CONTROL

Learn more about valves, TPMS sensors and inflation



TIRE MOUNTING

We deliver premium solutions to mount every tire



MUST-HAVES FOR TIRE CHANGES

TIRE SERVICE SOLUTIONS THAT SUIT YOU!

When you are looking for tire supplies for your shop, or resale parts for your distribution business, it is important to know who you are buying from. Not all parts manufacturers are the same. Specifically in the tire retail environment, you always want high-quality goods that are easy to work with, can withstand the rigors of daily driving after installation and deliver the safety and comfort the end customer demands.

The family of brands at WEGMANN automotive are some of the most well known in the industry, and our teams of workers, domestic and abroad, strive daily to ensure you receive the expertise, support and partnership you deserve.

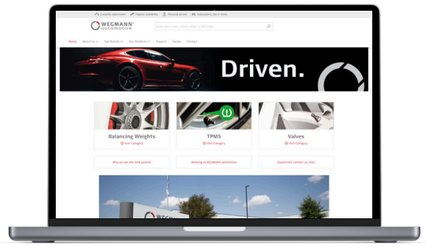
That's The WEGMANN Way.



GREGORY PARKER
National Account Sales and
Marketing Director, North America

VISIT US ONLINE TO LEARN MORE

The **NEW** WEGMANN website features our history, downloads, product search tools and more.



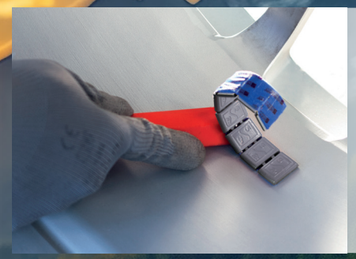
WEGMANN® automotive

DRIVEN EVERYWHERE.

GET READY FOR THE OPEN ROAD

WITH STRONG PRODUCTS FROM STRONG BRANDS!

HOFMANN® POWER WEIGHT · Perfect® EQUIPMENT · plombco · ALLIGATOR® · TRAX



WATCH YOUR WEIGHT

p. 6–11

Two special sections outlining the differences in adhesive tape types, and why clip-on weights are still important.



SENSOR SHOWDOWN

p. 12–17

Learn about the future of TPMS, where the industry is going and how to properly service today's vehicles.



MOUNT UP

p. 24–25

Using the proper tire mounting compound is more important than you think.

SPECIAL TOPICS



DESIGNED TO PERFORM

The right weight makes all the difference.
The HOFMANN POWER WEIGHT product range delivers safe and efficient balancing – suitable for every rim and every requirement.

MOTORCYCLE ADHESIVES

- Premium lead segmented adhesive weights
- Only 0.40" wide and 0.18" tall including tape
- Designed to tear at 5g increments
- Black and chrome available

SKUs: H706BK, H706CH



TYPE 706

Inspired by workshops.

HOFMANN® POWER WEIGHT

OPTIMIZED FOR THE RIM.



TYPE 360

TYPE 361



TYPE 380

OEM ZINC ADHESIVES

- Made in Germany
- Premium zinc adhesive weights used by brands like Porsche and Mercedes Benz
- Features OEM acrylic tape
- Designed to be installed in specific sizes

- Premium zinc segmented adhesive weights
- Extreme low profile - only 0.15" height x 0.75" wide
- Designed to tear at 5g increments
- Grey, black and chrome available
- Used by racing teams around the world

SKUs: H380, H380BK50, H380CH50

OEM STEEL ADHESIVES



- **MADE IN AMERICA**
- HOFMANN steel adhesive weights are used by Ford, Chrysler & Toyota
- Trapezoid segment for easier contouring
- Features 10-year OEM coating for corrosion protection
- Available in strips and rolls



5 GRAM (SSG)

- 5g Segment Steel Adhesive Weight
- 0.15" height x 0.75" width
- 60g strips, 25 strips per box

SKU: SSG060N



0.25 OZ. (SST)

- 0.25 oz. Segment Steel Adhesive Weight
- 0.225" height x 0.75" width
- 3.00 oz. strips, 25 strips per box

SKU: SST3200N

STEEL ROLLS

- Box design with EasyRoll
- Same 0.25 oz. SST option
- 1,280 segments, 20lb. Box

SKU: SST32000N

- Same 5g SSG option
- 1,500 segments, 16.5lb. Box

SKU: SSG7500N

ADHESIVE TAPE

What really matters



Residues on rims, adhesive weights falling off and complaints after balancing?

Many workshops struggle with precisely these issues. Smart solutions for more speed, less hassle and clean rims have long been available.

WEGMANN offers three premium adhesive types to the marketplace: QuikStik® ADHESIVE TAPE · ULTRA LINER® · SPEED LINER®

Bay time is important – high quality goods deliver results

When the customer is in the waiting room, the car is on the lift and the tire is on the balancer, that is not the time for an adhesive wheel weight failure. You must have a product that is proven and time-tested. That's where WEGMANN QuikStik® adhesive tape comes in. Available for more than 50 years, it is a name that has proven its worth.

Of course, there are lots of options in the marketplace, including extremely low-cost goods. But one of the ways the competition cuts cost is by lessening the quality of the tape. They use thinner foams, less durable foams, simple chemical formulas and thinner chemical layers. All combined, these inferior options deliver less strength and less versatility.

QuikStik® offers a superior resin and additive composition that creates an instant stick, even on dirty wheels, and creates a strong bond in seconds. Nearly



all QuikStik® options also feature the patented QuikTab®, which makes removing the adhesive backing quick and easy. Bay time is money! Ensure you are using a product that will help you get the job done quick and right, so the customer can leave happy and satisfied.

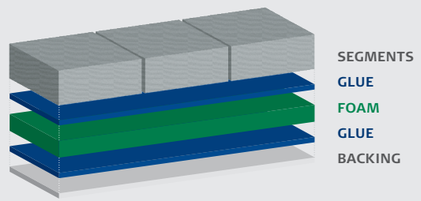
Extreme temperatures – when standard solutions fail

Many tire shops are in winter weather areas, or even extreme heat areas, where there is poor insulation, or poor/no HVAC, meaning the shop environment is not ideal for standard adhesive weights. Extremely low, or high, processing temperatures cause challenges; but speed and adhesion are still a requirement for the technician. And the temperature isn't the only problem: Old rims with damaged coatings, or even new rims with slick coatings, often cannot be cleaned properly even after intensive scrubbing. Because conventional adhesive tapes can fail in these conditions, weights may fall off shortly after installation which leads to frustration – for installers and drivers.

The solution: ULTRALINER® adhesive tape

Often known in the marketplace as Cold Weather Tape, or Extreme Weather Tape, these solutions combine an advancement in the foam carrier as well as the chemical makeup of the adhesive to allow for adhesion in extreme conditions. Using closed-cell, or finer-woven, foam helps to prevent moisture from making its way into the foam during installation, which can happen when cold wheels develop moisture during drastic temperature changes. And, the chemical recipe of the adhesive glue utilizes more acrylic based materials to allow for a deeper seepage, thus forming a stronger bond once set. This stronger bond can withstand extreme temperatures, whether from environment or racing, to help ensure no loss of balance.

HOW IT WORKS





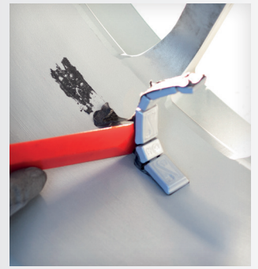
STANDARD open cell foam may hold moisture.



ULTRALINER® closed cell foam does not.

GOODBYE ADHESIVE RESIDUE

For the most premium result, the SPEEDLINER® tape, from HOFMANN POWER WEIGHT, combines the chemical glue of the ULTRALINER® with an extreme performance foam liner that removes without ripping. The best of both worlds! Available now on the Type 380 zinc adhesive weights and Type 706 lead motorcycle weights in the North American market.





SPEED LINER®



TIP OF THE DAY:

Cleaning the wheel is a must – do it right every time



SKU 44011

Many shops use the wrong chemicals and the wrong tools to clean the wheel prior to applying an adhesive wheel weight. Often technicians use brake cleaner, or degreasers, or even red shop towels that are bulk washed with other oils and petroleum-based chemicals. All these options leave a residue on the wheel that can cause severe adhesion issues with stick-on wheel weights.

StickPro wheel cleaner spray offers a simple option to ensure a clean wheel every time. Just spray and wipe with a clean rag and you are good to go.

BESTSELLERS FROM THE RANGE

NEW



Domestic Steel Adhesive Weights

Perfect EQUIPMENT



WITH OPTIONS
QuikStik® ADHESIVE TAPE
ULTRA LINER®

- **MADE IN THE USA**
- Trapezoid segment shapes to prevent bridging
- Coated segments for corrosion protection
- Available in gray and black; strips and rolls

SKU	Description
200624ST	Steel QuikStik / .25 oz. / 3.00 oz. Strips / 52 per
200624STB	NEW Steel QuikStik Black / .25 oz. / Same as above
200624STCW	Steel UltraLiner / .25 oz. / Same as above
200624STR	Steel QuikStik / .25 oz. / 20 lb. Roll
300360ST	Steel QuikStik / .50 oz. / 4.00 oz. Strips / 30 per
300360SCW	Steel UltraLiner / .50 oz. / Same as above
300360STR	Steel QuikStik / .50 oz. / 20 lb. Roll
310224ST	Steel QuikStik / .50 oz. / 4.00 oz. Strips / 30 per
410090ST	Steel QuikStik / 1.00 oz. / 6.00 oz. Strips / 15 per

Domestic Lead Adhesive Weights

Perfect EQUIPMENT



WITH OPTIONS
QuikStik® ADHESIVE TAPE
ULTRA LINER®

- **MADE IN THE USA**
- The original patented designs are still used today!
- Large segment sizes available for heavy duty

SKU	Description
100360	Lead QuikStik / .25 oz. / 3.00 oz. Strips / 30 per
200624	Lead QuikStik / .25 oz. / 3.00 oz. Strips / 52 per
200624CW	Lead UltraLiner / .25 oz. / Same as above
300360	Lead QuikStik / .50 oz. / 6.00 oz. Strips / 30 per
300360CW	Lead UltraLiner / .50 oz. / Same as above
CL6	Lead QuikStik / 1.00 oz. / 6.00 oz. Strips / 30 per
CL12	Lead QuikStik / 2.00 oz. / 12.00 oz. Strips / 8 per

Plombco Steel Adhesive Weights

plombco

- Made in Canada
- Coated segments for corrosion protection
- Available in gray and black; strips and rolls

WITH OPTIONS
QuikStik® ADHESIVE TAPE
ULTRA LINER®

SKU	Description
312Fe-30	Steel QuikStik / .25 oz. / 3.00 oz. Strips / 30 per
312FeB-30	NEW Steel QuikStik Black / .25 oz. / Same as above
312Fe-30CW	Steel UltraLiner / .25 oz. / Same as above
312Fe-52	Steel QuikStik / .25 oz. / 3.00 oz. Strips / 52 per
312Fe-52CW	Steel UltraLiner / .25 oz. / Same as above
310Fe	NEW Steel QuikStik / .25 oz. / 10 lb. Roll
310Fe-CW	NEW Steel UltraLiner / .25 oz. / Same as above
320Fe	Steel QuikStik / .25 oz. / 20 lb. Roll
320Fe-CW	Steel UltraLiner / .25 oz. / Same as above
408Fe-28	Steel QuikStik / .50 oz. / 4.00 oz. Strips / 28 per
408FeB-28	NEW Steel QuikStik Black / .50 oz. / Same as above
408Fe-28CW	Steel UltraLiner / .50 oz. / Same as above
410Fe	NEW Steel QuikStik / .50 oz. / 10 lb. Roll
410FE-CW	NEW Steel UltraLiner / .50 oz. / Same as above
420Fe	Steel QuikStik / .50 oz. / 20 lb. Roll
420FE-CW	Steel UltraLiner / .50 oz. / Same as above
506Fe-15	Steel QuikStik / 1.00 oz. / 6.00 oz. Strips / 15 per
505Fe-15CW	Steel QuikStik / 1.00 oz. / Same as above
505FeB-15	NEW Steel QuikStik Black / 1.00 oz. / Same as above

Value Steel Adhesive Weights

Perfect EQUIPMENT





- Imported from WEGMANN global
- Available in gray and black; strips and rolls

SKU	Description
200576FE	Steel QuikStik / .25 oz. / 3.00 oz. Strips / 48 per
200576FEBLK	Lead QuikStik Black / .25 oz. / Same as above
200576FER	Steel QuikStik / .25 oz. / 11 lb. Roll
200576FERBLK	NEW Steel QuikStik Black / .25 oz. / 11 lb. Roll
300224FE	Steel QuikStik / .50 oz. / 4.00 oz. Strips / 28 per
300224FEBLK	Lead QuikStik Black / .50 oz. / Same as above
300224FER	NEW Steel QuikStik / .50 oz. / 11 lb. Roll
300224FERBLK	NEW Steel QuikStik Black / .50 oz. / 11 lb. Roll

USE THE RIGHT TOOLS

Ensure safety and speed by having the appropriate tools at your finger tips

NEW

Knock-On Aid

Injury-free and safer installation of clip-on wheel weights. Especially for small and hard to handle weight sizes.

Part Number 0401-0001-003



75K Alloy Hammer

Used for the installation of coated clip-on wheel weights.

SKU: 75K
(75H - 5 qty replacement horns)
(75P - 5 qty replacement faces)



25K Pliers

This light-duty wheel weight installation and removal tool is the industry standard for uncoated lead clip-on style wheel weights.

SKU: 25K



QSS1 QuikStik® Adhesive Scraper

This adhesive wheel weight removal tool is the industry standard.

SKU: QSS1



Roll Accessories

QS1000 SegmentLock Bar: magnetized bar to help prevent weights from falling back in the roll box

QS2000 Single-head floor stand for 20lb rolls

QS3000 Dual-head floor stand for 20lb rolls

QS4000 Dual-head floor stand for 10lb and 11lb rolls





Wheel Weight Racks

- 32 bin openings
- 34" x 19.25" x 8.5"

SKU: WALLRACK20

- 40 bin openings
- 34" x 57" x 12"

SKU: FLOORRACK21



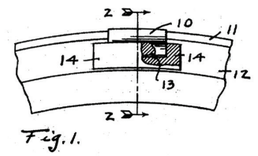
The WEIGHT Debate

Clip-on weights offer speed, efficiency and reliability

In the beginning

The early days of the automobile saw low speeds and roads were old, bumpy horse trails. As roadways began to expand into long and smooth surfaces, and vehicles became mfaster and faster, it became clear that there was an issue. No one could make a perfectly round tire! Due to these manufacturing challenges, the imbalance that existed in every wheel and tire combination was evident with every shake and vibration, causing drivers a real problem as it related to safety and comfort.

In the early 1930s engineers solved the problem with a simple invention: the clip-on wheel balance weight. Attached on the rim flange opposite the weight imbalance, it delivered a solution that revolutionized the transport industry. Move forward nearly 100 years later, and the clip-on wheel weight is still the industry standard for speed, efficiency and reliability to deliver perfect balance to millions of drivers on the road.



Shown is the original patent drawing for the first lead-based wheel balance weight. Filed in 1934 by an inventor named Virgil Du Sang, who was a high-school shop teacher from Kokomo, Indiana.

How it works

A clip-on wheel weight is made up of two components: the weight body and the weight clip. The weight body provides the size and weight to offset the imbalance of the assembly, while the clip provides the grip and retention to hold the weight on the wheel.

In today's North American market, weight bodies are primarily made of three materials: lead, steel and zinc. Lead was the original, it delivers very high density, and is the easiest material to work with, but there are laws regarding its use in certain areas of the world. Steel typically delivers economical costing, but often has a rigid appearance, must be coated to prevent corrosion and can be difficult for technicians to work with. Plastic coated steel weights, like Plasteel®, significantly reduce these challenges. Lastly, zinc clip-on weights are the modern-day OEM standard and de liver premium aesthetics, usability and retention, albeit at a slightly higher cost than other non-lead options.

While the body is important, the clip is doing most of the actual work. Regardless of body material, the clip is always made of high-tensile-strength steel and should perfectly match the shape of the flange where it is being installed. If you install the wrong clip-type, or use an inferior weight design, it can damage the wheel, or worse, cause weight failure which is a safety hazard. Always use the proper weight shape for each wheel.

Clip-on vs. adhesive

Technicians typically have both available, but what is the real difference and which option is best? Well, the answer to that question is; it depends. Of course, some wheels only fit one or the other, but given a choice, there are key things to consider. Clip-on weights deliver speed to an environment that demands efficiency, as well as a real cost savings by balancing the assembly with the least amount of weight necessary. Adhesive weights offer inventory reduction but require more time to install and more weight to correct the issue.

When using clip-on weights, you are installing the weights at the farthest points to the outside of center, thus only requiring the minimal amount of weight necessary to correct the imbalance. Less weight equals less cost. When you use an adhesive weight, it typically requires more weight to correct the same amount of imbalance because the weight is being installed closer to the center of the assembly. More weight equals more cost.



Clip-on weights are installed on the outside flange, farther from the assembly center. This means less weight can be used.



Adhesive weights are installed on the inside spacing area, closer to the assembly center. This means more weight must be used.

Those costs are not the only areas that add up over time. As the old saying goes: bay time is money. Meaning, when the car is on the lift and the customer is in the waiting room, it is imperative to get the job done quickly and correctly. Clip-on weights allow you to grab, install, and move on to the next task in a matter of seconds. Adhesive weights require a much longer install time due to segment counting, adhesive backing removal, ensuring a clean and dry surface area, and allowing for proper adhesion time. All of those additional seconds mean additional costs for the shop.

Save time and money!

A landmark survey in Modern Tire Dealer magazine titled 'Those Dreaded Comebacks' concluded that the industry is losing an estimated $153-million per year in returns. The costs are mostly wrapped up in replacement product, labor rates and lost bay time. The survey also discovered that the average shop has a return rate of 2.6%, while 7% of respondents reported a return rate higher than 10%. So, what causes all those comebacks? The number one ranked answer on the survey, mentioned more than 50% of the time, was wheel weight related. Using this valuable information you can prove that a higher quality, higher cost weight can actually cost less money over time than a lower quality, lower cost weight.

	LOW QUALITY WEIGHTS	**AVERAGE** QUALITY WEIGHTS	**HIGH** QUALITY WEIGHTS
Monthly tires sold	600	600	600
Bay time per car	45 min.	45 min.	45 min.
Hourly labor rate	$15	$15	$15
Average cost per weight	$0.40	$0.45	$0.50
Estimated return rate	6%	3%	1%
Annual weight costs	$5,760	$6,480	$7,200
Total return costs rework labor (time x wage) plus replacement weights	$2,743	$1,393	$472
Total cost of ownership	$8,536	$7,889	$7,677

*Individual results may vary based on a multitude of inputs.

Make the right choice

Proper wheel weight selection for technicians, and for shop owners, is a critical topic when it comes to ensuring safety and comfort for the end customer, as well as delivering efficient results to the bottom line. Make the right choice. Choose WEGMANN.

GOOD VALUE



Global Steel
Value engineered
Aftermarket coatings
Limited series available

plombco



Patented Plasteel
Plastic for softness
Steel for strength
Great value!
Most series available

plombco
plasteel.

PREMIUM PERFORMANCE



Domestic Lead
The industry standard
Made in the USA
Time-tested & proven
Most series available

Perfect EQUIPMENT



OEM Zinc
Used by OEMs globally
10-year coating
Superb retention
All series available

HOFMANN® POWER WEIGHT

NEED MORE?
Complete online training course >>

ALLIGATOR® sens.it RS+

FOR EVERY CAR, IN EVERY LANGUAGE

The TPMS universal sensor that can communicate with any vehicle.



TPMS made simple:
One sensor for all vehicle models

99.7% COVERAGE
Universal use: Our sens.it TS+ TPMS sensors speak the language of 99.7% of all vehicles.

SHORT SERVICE TIMES
No need to wait for the matching replacement part.

OE QUALITY
with full OEM functionality, high-quality lithium button cell & valves based on German engineering.

STANDARDIZED ASSEMBLY
Identical workflow, same tool, same torque.

COMPATIBILITY
with most commercially available diagnostic devices & standard valves.

LOWER STORAGE COSTS
due to fewer stock items.



Aluminum valve, silver

- **PU:** 12 sensors, partially assembled
- **Attachment:** Ball joint
- **Frequency range:** 315 & 433 MHz
- **Valve angle:** 12 – 40° adjustable
- **Max. speed:** 155 mp/h

SKU: 591132



Rubber valve

- **PU:** 12 sensors, assembled
- **Attachment:** Screw connection
- **Frequency range:** 315 & 433 MHz
- **Valve angle:** Rigid, 20°
- **Max. speed:** 130 mp/h

SKU: 591134









MAKE TPMS EASY

Fit for the future!

In our special feature, we give you tips on the subject of TPMS and introduce you to a simple, practice-oriented TPMS solution: Universal sensors

THE TPMS MARKET IS BOOMING!

The market for tire pressure monitoring systems (TPMS) is booming! According to Mordor Intelligence, the global market will grow to $13.6 billion by 2029.

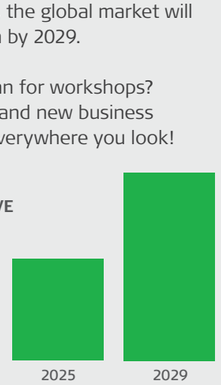
What does this mean for workshops? Increasing demand and new business opportunities are everywhere you look!

GLOBAL AUTOMOTIVE TPMS MARKET

Market Size

CAGR >13%

Source: Mordor Intelligence



ONE SENSOR FOR ALL VEHICLES:

Universal sensors

Universal sensors can be programmed for specific vehicles and offer a flexible and cost-effective alternative to original sensors.

- **Time saving:** Shorter service times without having to wait for the matching replacement part.
- **Lower storage costs:** Fewer stock items because you only need one sensor.
- **Standardized assembly:** Uniform processes make work and training in the workshop easier.



1. STEP: Programming

2. STEP: Installation

3. STEP: Relearn

ORIGINAL SENSORS (OEM):

Sensors installed by the vehicle manufacturer that are precisely matched to a specific vehicle model. Advantage: 100% compatible, but expensive and often only available through the manufacturer.

UNIVERSAL SENSORS:

Cost-effective alternative. Sensors in comparable quality, can be programmed for specific vehicles

HOW DOES IT WORK?

Programming universal sensors

DO I NEED A SPECIAL PROGRAMMING DEVICE?

No, you do not. Our ALLIGATOR RS+ universal sensor is compatible with nearly all commercially available, open (=brand-independent) programming devises. Or you can use our ALLIGATOR specific tool, the AVT41 (SKU: 30212).



THE COMPLETE TPMS GUIDE

Make & model search, articles and downloads.

1. MENU
Select Programming

2. SENSOR
Select manufacturer (ALLIGATOR sens.it)

3. VEHICLE
Select brand, model and year of manufacture

4. SENSOR ID
Create

5. PROGRAMMING
- Place the sensor in front of the device
- Press to transfer data

PROBLEMS WITH PROGRAMMING?

This is how to do it safely!

Interference factors or other sensors can prevent the correct programming of the desired sensor. With these simple tips programming is guaranteed to be successful:

- Make sure there are no other sensors nearby.
- Where possible, work in a clear space that is free from interference.
- Afterwards, check the programmed sensor with a diagnostic tool to make sure the desired sensor has been programmed.

CLONING SENSORS

Transfer sensor IDs directly from old sensors to new ones and save time relearning! **Video tutorial >>**

Need help?

DIRECT PHONE NUMBER FOR TPMS SUPPORT:

+1 615 893 0643

HOW TO DETERMINE WHICH TPMS SYSTEM IS INSTALLED

Direct or indirect?

DIRECT TPMS SYSTEMS:
measure the tire pressure with sensors in the wheel.

INDIRECT TPMS SYSTEMS:
use ABS or ESP data.

DID YOU KNOW?

Some direct TPMS systems display the tire data directly in the cockpit, while others only warn if there are changes. Unfortunately, a look at the dashboard does not always reveal whether the vehicle has a direct or indirect system installed.



A QUICK AND EASY EXPLANATION:

Relearning TPMS

The auto-learn procedure of the TPMS sensors on the control device is crucial for the correct functioning of the system. The auto-learn process is vehicle-specific and independent of the sensor.

- **Auto-learn:** Sensors are automatically detected while driving
- **OBD2 relearn:** The sensors have to be taught via the OBD interface.
- **Manual relearn:** The sensors have to be taught manually in vehicle-specific steps. Instructions can often be found in the programming device, the owners manual or other training materials.

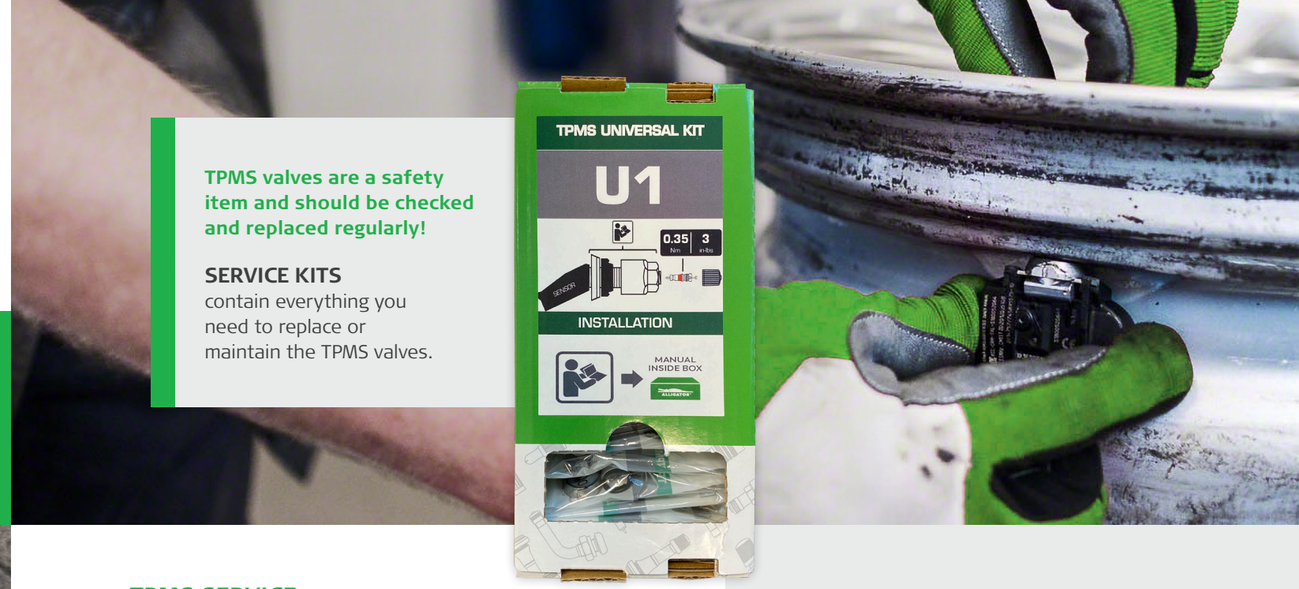
CUSTOMER QUESTIONS ABOUT TEACHING

How do I know which relearn process I need to use?

You can find the vehicle-specific relearn process in the vehicle manual, in the sensor's vehicle coverage list or in the diagnostic/programming device.

What can I do if the TPMS system keeps failing after a certain amount of driving?

1. Check whether there are other sensors in the vehicle or whether there is a mixed installation. Often, these are not compatible (different manufacturers or universal & OE sensors).
2. If you have excluded 1, delete the error memory and re-program the sensors.
3. What can be done if the problem persists? The causes are often vehicle-specific, so there is no blanket solution. But don't worry: Our service hotline will be happy to help (1-615-893-0643).



TPMS valves are a safety item and should be checked and replaced regularly!

SERVICE KITS
contain everything you need to replace or maintain the TPMS valves.

TPMS SERVICE

Always check the valve

TPMS valve service is strongly recommended by manufacturers and professional organizations:

> ***When tires are installed, it is recommended to always replace the whole valve or all necessary components in the TPMS valve service kit."***
>
> – U.S. Tire Manufacturers Association

UNIVERSAL SERVICE KIT U1

The Universal Service Kit U1 offers a particularly simple and flexible solution. It is compatible with 97% of metal valves and covers almost all common TPMS valves.



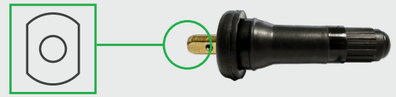
SKU U1 - metal kit:
0401-0022-482
SKU U2 - rubber kit:
0401-0022-481

HOW DOES IT WORK?
The Universal Service Kit solution delivers a unique set of kits to deliver extreme results! **Video tutorial >>**

CUSTOMER QUESTION

How can I find the right replacement valve for rubber valves?

The shape of the valve foot is decisive. It forms the connection to the sensor. The most common form is the U2 (>80%), also known as the parallel flat.



PRACTICAL TIP:

We recommend: Stock the Universal Service Kit U1 + Universal Service Kit U2, this will leave you well equipped for TPMS service with more than 94% coverage.

What if the matching rubber replacement valve or the proper service kit is not available?

Replace the entire sensor with a new replacement sensor. You should not leave old valves or old components in service after the tire has been broken down.



ON THE ROAD AGAIN

Deliver the goods safe and fast – Let us help

When you drive for a living you need peace of mind. Using the proper components will make life easier.

SAFETY STARTS WITH AIR CONTROL

Premium Valves

Alligator valves are made from premium materials, whether they be EPDM rubber based, or heavy-duty brass commercial. We always use 100% matched components, which helps to eliminate over-stretching or retention losses during installation. Our commercial solutions utilize high-quality brass that allow for thinner walls for higher air-flow. When looking for a valve, look no further than Alligator.

ALLIGATOR®



TR41x
Standard snap-in valves made with EPDM rubber



TR57x
Raw brass, grommet style, HD valves



TR600XHP
Elongated chamber delivers superior results with 100psi max

SKU: 095518

Differences are not always easy to see. Note the extended brass insert that adds structural strength on the XHP versus competitive HP.



TR600**X**HP TR600HP

TR54x
Nickel-plated, o-ring style, brass valves

TR55x
Nickel-plated, grommet style, brass valves

Visit the website for complete offering and SKU number listings.

JUST THROW IT IN THE TIRE

Type 505 Compound

HOFMANN® POWER WEIGHT

The secret of the HOFMANN balancing compound is Fusion Technology: blending two different size materials for optimal balancing.

- **Larger red kernels:** Concentrate in the center of the tire & dampen static imbalance.
- **Smaller blue kernels:** Shift more toward the outer edges & compensate for wobbling caused by dynamic imbalance.
- **Overall result:** a smooth ride throughout the complete life of the tire.
- **Quick and easy install** - no balancer required, simply tear open the bag, remove the provided cap and core, and toss the rest into the assembly.
- **Reduced rolling resistance** mean longer tire life, better tread and more contact to the road, making every mile more efficient.





0401-5505-120 XS - 4 oz.
0401-5505-180 S - 6 oz.
0401-5505-230 M - 8 oz.
0401-5505-290 L - 10 oz.
0401-5505-350 XL - 12 oz.

DO IT THE RIGHT WAY

HD Weights

Perfect® EQUIPMENT



TAL-series
Alcoa & Accuride aluminum rims
Zinc & lead



I7-series
HD steel rims
Zinc & lead



LT1-series
Thin HD steel rims
Zinc & lead



CT-series
Tubeless alloy rims w/ straight flange
Zinc & lead



RC-series
Alloy rims (radial commander)
Lead only

CUSTOMER QUESTIONS

What is the difference between balancing compound and traditional weights?

Traditional weights provide a true balance of the assembly, while balancing compounds provide a dampening of the imbalance to reduce the effects it has on the vehicle and the driver.

What makes Type 505 from Hofmann Power Weight different from the competition?

Type 505 uses innovative Fusion Technology to provide the maximum amount of dampening possible. It also features a throw-in bag, custom valve core/cap combination, and more user friendly packaging. Type 505 is used all over the world, including on the German Autobahn!

	Type 505	COMPETITIVE POWDER	COMPETITIVE GLASS BEADS
Fusion technology	✓	x	x
Throw-in single bag	✓	✓	x
Slip-proof if dropped	✓	✓	x
TPMS system safe	✓	✓	✓
Filtered valve core & cap inside each bag	✓	x	x
Use case as dispenser	✓	x	x
Small case quantities	✓	x	x
Competitive pricing	✓	x	x
Autobahn approved !!	✓	x	x



HD-series lead adhesives
CL6 - 1 oz. segments, 6 oz. strips
CL12 - 2 oz. segments, 12 oz. strips



AIR PRESSURE MADE EASY

HUNDREDS OF MILLIONS INSTALLED

V2B (330709)*

DS-P (330770)

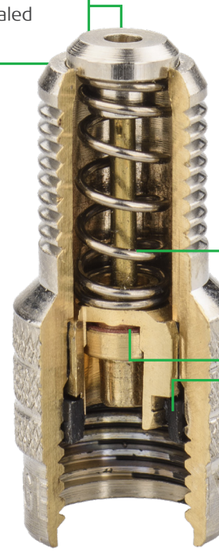
THE ORIGINAL
V2B GATOR CAP

Check air pressure and inflate tires – without unscrewing the cap.

This saves time, simplifies the process and increases efficiency in daily use. This is a real game changer for freight companies, bus operators, fleet managers, and other organizations. The non-return valve caps enable the direct connection of filling fittings without having to remove the cap - simply put it on, check or fill, and you're done.

*Only use on brass valves.

Inpermeable to dirt
Completely sealed end face



No need to unscrew the cap
Integrated valve core

No pressure loss if the valve core is damaged
High-temperature gaskets



No unscrewing necessary.



Won't get lost and saves time, costs and patience.

ALLIGATOR®

AIR CONTROL AT YOUR FINGERTIPS

Fast - versatile - easy

GATOR INFLATOR AUTOSET

The new GATOR INFLATOR AUTOSET from Alligator is a rechargeable automatic tire inflator designed with two programmable pressure settings and a range from 7–174 PSI, allowing technicians to save time and still be accurate when filling both small passenger and large commercial tires. This fully portable device has a battery capable of powering 500 inflation and deflation cycles on a single charge. Each inflator is built with a robust ABS housing, large backlit LCD display for easy reading, and comes with a 5-foot hose, ¼" clip-on air chuck, and charger.

SKU: 149800

- Automatic Inflation Operation
- OPS – Adjustable ver Pressure Settings
- Two Preset Pressure Quick Keys
- Chargeable Lithium Battery
- LCD – LCD Screen
- ABS – ABS Case



SET IT & FORGET IT

GATOR INFLATOR DV

A robust and accurate tire inflator with an intuitive multi-touch handle. Equipped with a large screen, technicians can read measurements in any lighting condition. Features a maximum inflation capacity of 174 PSI, which is ideal for light passenger to heavy-duty tires. Delivers a die-cast aluminum body with TPR shock-absorbing rubber, all-copper joints, and standard with a 1.5' wire-sheathed hose and a ¼" clip-on air chuck.

SKU: 149810

- Auto ON & One Button Operation
- Cu – 100% Copper Joints
- Ai – Diecast Aluminum Body
- AAA Battery Powered Design
- LCD – LCD Screen



USE IT & ABUSE IT

THE ROAD TO EFFORTLESS TIRE SERVICE STARTS HERE.



POWER CLEAR

MOUNTING PASTE

For the shop environment that prides itself on speed, POWER CLEAR paste allows you to work fast with no mess. When the customer is waiting, get it done right as quick as possible.

// Perfect for alloy, low profile, and run-flat tires
// Dries clear with no clean-up required

Size: 8 lbs **SKU: 3402-0365-003** (brush not included)

Paste Brush **SKU: 0401-0356-100**

FAST PACK

MOUNTING COMPOUND

The next generation in mounting gel innovation! Dilutable to fit your requirement and style.

// Reusable tire mounting gel
// Eases tire mounting for any wheel type
// Great for difficult commercial & heavy duty tires
// Swab brush included in top of each bucket

Size: 25 lbs **SKU: 3402-0344-202** (swab included)

Additional Swab Brush **SKU: 0401-0356-150**

INTRODUCING TRAX

Our range includes liquid lubricants, hand cleaners, and tire mounting pastes in white and black. Designed for every tire shop, these solutions ensure smooth and reliable tire mounting for any vehicle.



CRAZY GREEN

LIQUID LUBRICANT

// Quick and easy installation - dilutable
// Compatible with commercial and heavy duty tires

Size: 1.3 gal **SKU: 3401-0344-301** (pump not included)

Reusable Pump **SKU: 0401-0344-500**

TRUE ORANGE

INDUSTRIAL HAND CLEANER

// Heavy-duty cleaning power
// Cuts through tough grease and oil
// Gentle on skin, tough on dirt
// Natural orange scent with pumice and moisturizers

Size: 1.3 gal **SKU: 3401-0344-302** (pump not included)

Reusable Pump **SKU: 0401-0344-500**

BLACK PASTE

MOUNTING PASTE

// Convenient mounting for every type of tire
// Dyed black for discreet application
// Fast-drying formula

Size: 8 lbs **SKU: 3401-0365-101**

WHITE PASTE

MOUNTING PASTE

// Convenient mounting for every type of tire
// Fast-drying formula

Size: 8 lbs **SKU: 3401-0365-001**

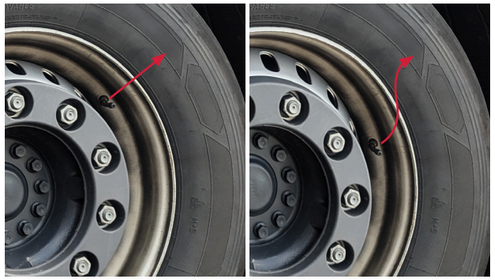
WHY MOUNTING PASTE IS SO IMPORTANT

It might sound trivial - but it is technically critical. Mounting paste not only influences the gliding behavior of the tire during mounting, but also the so-called "open time" before sealing. In other words, the period of time until a secure grip is established between the tire bead and the rim seat.

If the wrong paste is used or the drying time is not observed, the tire can twist on the rim - especially at high torques. When time is of the essence, you don't want to be stuck waiting for the bead and seat to seal!



DAMAGE TO THE BEAD due to excessive tension when removing the assembly finger. Can be avoided with sufficient suitable pastes & professional installation. (Image: wdk)



THE TIRE CAN TWIST ON THE RIM
due to insufficient drying.

THIS IS WHAT MATTERS:

THE 5 golden rules for mounting paste

1 CORRECT CHOICE

The paste must match the tire and wheel type. The correct sliding effect is important – but so is a suitable "open time" (drying time) for mounting until adhesion between the bead and the rim is restored.

2 CORRECT STORAGE

Store according to manufacturer's instructions – cool, frost-free and protected from direct sunlight.

3 CLEAN SURFACES

Before application, clean the rim area (bead seat / drop center) to avoid dirt particles.

4 FOLLOW DILUTION RULES

Only add water if the formula allows for dilution. Check labels to ensure proper usage.

5 APPLY CORRECTLY

Use clean brushes: Large round brushes for surfaces, narrow flat brushes for bead/rim after pressing the bead.



DON'T JUST DO IT. DO IT RIGHT.



WHAT MAKES A HIGH-QUALITY MOUNTING PASTE?

Not every mounting paste is suitable for every application. A universal paste may be sufficient for occasional mounting – but if you mount truck tires every day or work with sensitive wheel/tire combinations, you need a specially formulated solution.

Because: A good mounting paste must be able to do more than just lubricate. It supports safe and efficient fitting, protects tires and rims and reduces the risk of fitting errors. Focusing on quality here will save time, complaints and costs in the long term.

IMPORTANT FACTORS FOR TRUCK MOUNTING PASTE:

- A lubricating film with good adhesion and no lumps – high lubricity reduces effort & damage.
- Flash-off time suitable to the installation – fitting without time pressure due to extended processing time.
- Residue-free drying – prevents tire movement.
- High material compatibility: – pH-neutral, does not corrode rubber, steel & aluminum.

TOP 5 WINTER FAILS

...and how you can easily avoid them.



1 TPMS sensor fail

Cold kills batteries – failures are frequent, extra work is inevitable.

Our tip:

Always check the signal strength and battery status and replace if in doubt.

ADHESIVE TAPE SPECIAL Page 6

2 Adhesive weight does not stick

Cold rim/workshop + normal adhesive tape = no sticking.

Our tip:

Use winter-proof adhesive tape (e.g. ULTRALINER®) that sticks reliably even at sub-zero temperatures

3 Frozen mounting paste

Mounting paste can become tough or difficult to work with at low temperatures. This has an effect on the fitment and, in the worst case, on the tire seat.

Our tip:

Always store the paste at a frost-free temperature. This keeps the processing smooth and safe.

4 TPMS tool stops working

Is your license renewed? Have updates been carried out?

Our tip:

Check before the season whether your license for the programming device is still active – many tools can be renewed directly online.

5 Corrosion? Not with the right product!

Challenge:

Road salt and moisture have a massive impact on rims, weights and valves. Rust on the rim & corroded components not only look bad, they can also impair functions.

Our tip:

Use corrosion-resistant materials, always work with compatible materials (contact corrosion!) & do not forget the valve cap.

- Zinc & lead weights - inherently highly corrosion-resistant
- Always use premium powder coated products
- Only combine compatible metals – otherwise there is a risk of contact corrosion
- Only use plastic caps with seal – protects valve & insert and additionally seals the valve.

DID YOU KNOW:

All weights made by WEGMANN brands feature premium coatings that meet or exceed industry requirements, all the way up to 1,000-hour salt spray results on OEM products.



COATED WEIGHTS:
Premium powder coating helps protect the wheel and weight from corrosion



PAINTED WEIGHTS:
Corrosion forms quickly and easily with inferior coatings

RUBBER VALVES IN WINTER?

Cold, salt and old seals make rubber valves susceptible to cracks or leaks.

» **Check before winter, replace if in doubt – especially with older tires.**

COMMON ERRORS

- Brass cap on aluminum valve and vice versa
- Aluminum valve + non-nickel-plated brass valve core
- Valve caps without seal
- Painted instead of anodized aluminum valves

WORKSHOP TIP:

Always check the valve, insert and cap as a unit – corrosion often starts invisibly. Clean work with suitable materials is particularly important for TPMS.



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