Langguard® INSTRUCTIONS & TROUBLESHOOTING Thank you for your custom.

As a small family business, it is really appreciated!

This booklet will guide you through your application and troubleshoot any issues you may have. Always be assured that we are here to help!

Give us a call or email and we'll be happy to chat all things Lanoguard.



Lanoguard.

Welcome to Lanoguard,

I just wanted to take a minute to thank you for your business, and your recent Lanoguard purchase. As a small family business, it is really appreciated.

If you have any questions or if there is anything else we can help you with at all, just let us know, email info@lanoguard.co.uk and we'll get back to you as quickly as we can.

The product you have today is the result of a decade of persistence to provide a sustainable and environmentally friendly way to preserve assets, especially vehicles.

Inside this instruction leaflet for application is a windscreen sticker. The sticker helps you keep a record of when your car was last treated, so don't forget to fill it in once you have completed your first Lanoguard application.

We've printed our story later in this leaflet. If you have a minute to give it a read I hope you find the journey interesting. If it strikes a chord with you - that preserving our assets is better than letting them rust - please ask the question with your friends and family in your part of the world "why wouldn't you protect it?" and let's see if we can help others waste less and save more.

Welcome to the Lanoguard family,

Mark and Abi Beaumont

Instructions

- 1. Before applying Lanoguard, please read the Trigger Sprayer Troubleshooting section opposite and check the Sprayer is working prior to application.
- 2. Remove any flaking, unsound surfaces (flaking rust or paint etc.). Surface rust is absolutely fine and doesn't need to be removed.
- 3. Clean the vehicle and leave to dry. A good close-up jet wash is best, but wiping/using a hose is also fine!
- 4. Apply Lanoguard Grease to areas very vulnerable to high corrosion or seizing up, such as weld seams, nuts and bolts, pins and sharp edges. We recommend heating the grease pot in hot water and "brushing" it on with a paint brush.
- 5. Shake the Lanoguard Spray well before use. Apply to the whole of the underbody. The only areas to avoid are brake discs, brake pads and fan belts. Everything else, spray away! In cold weather, it is often a good idea to keep the spray bottle in a bucket of warm water to ensure the spray flows freely.

It's best to leave the vehicle for 24-48 hours before driving where possible. Lanoguard takes up to a week to cure to a touch-dry state, and leaves a translucent, satin matte finish with a candle-like texture. We recommend using within 9-12 months of purchase for best application experience.



Visit lanoguard.co.uk/how-to-apply for more info

TRIGGER SPRAYER TROUBLESHOOTING

Here's some important info and tips to help you when using our trigger sprayers. A small number of customers have had issues with the sprayers, and we recognise the importance of the sprayer within the application process. We have tight controls on the manufacturing process to ensure best performance, however if you do have any issues we've produced this guide to assist you.

Using the trigger sprayer

- When spraying, adjust the end nozzle to several different settings to fit your spray type. A jet, a mist or
 in between. Sometimes before spraying the nozzle is set to a closed position... so be sure to check this
 before use!
- To prime the trigger sprayer, hold the trigger above the bottle height to prevent hydro locking.
- It can often be best, especially in cold weather, to keep your Moto Spray at room temperature so that it sprays freely.

Troubleshooting

Is the sprayer not working for you? Follow these steps:

- 1. Ensure the hose tube is properly inserted into the trigger head.
- 2. If the sprayer stops working, try immersing it in hand-hot water for a few minutes and spraying this hand hot water through the tubes to remove any blockages. You can also poke a pin into the spray nozzle to remove possible blockages.
- 3. If no luck, please accept our apologies and be sure to get in touch. You can use other household sprayers in the meantime, but bear in mind they may use more liquid than necessary. Thank you for understanding.

Caring for your sprayer

After use, to prolong the life of your sprayer and keep it handy for future applications, you can follow these steps to clean it ready for storage:

- 1. Flush out the sprayer with warm water and a washing-up liquid then flush through with clean water. Shake it dry and hang it up.
- 2. If struggling to clean, it may be blocked. Try Lanoguard Remover or spraying a strong citrus or meths cleaner through it to clear any blockages or leave the sprayer in warm water for a few minutes to thin down any Lanoguard stuck inside.
- 3. Although these Trigger Sprayers are not designed for long term use, we believe that caring for them will prolong their life.

If you wish to dismantle your sprayer to clean all parts there is an instructional video available on our Youtube Channel.

facebook

The Lanoguard Users Group has thousands of members just like you.

The group was set up for users of Lanoguard products to share their experiences.

- Users talk about applications, uses they've found and help new users understand how it works.
- Get reviews and ideas.
- Connect with our existing customers to help them feel comfortable about using Lanoguard for the first time.

Come and say hello, and join the conversation.





You Tube

The LanoguardTV YouTube channel is a goldmine of information about preparation, application, post treatment, FAQ's and loads, loads more.

Grab a cuppa and come and have a look!

COMMON FAQs

HOW LONG DOES LANOGUARD LAST?

Lanoguard has been designed for yearly/seasonal applications. It should be topped up at least once a year to ensure continuous protection. Although due to the simple application process there's no harm in doing an Autumn & Spring application! The product is broken down by UV, so the more it is exposed to sunlight the shorter its life span. Inside box sections or inner chassis for example, it will last longer.

IS LANOGUARD SAFE TO HANDLE?

Lanoguard is a safe product to handle and to use. It is also non-harmful to animals or the environment, jet-wash resistant, non-perishing, non-conductive and non-flammable. It is safe to use on rubbers, plastics, and metals without any issue (meaning when using Lanoguard no masking up is needed reducing prep time and effort).

WHAT PREPARATION IS NEEDED BEFORE APPLYING LANOGUARD?

Preparation is very minimal - all you need to do is jet wash your vehicle removing any dirt and grime. Make sure you remove any flaking or loose bits of rust, paint or underseal. Sometimes a wire brush can be used if needed to remove flaking bits. Ensure the vehicle is dry before you apply Lanoguard – it doesn't have to be bone dry, as Lanoguard will displace moisture to an extent, but ensure you do not apply to a dripping wet surface.

CAN LANOGUARD BE APPLIED TO WET SURFACES?

Whilst Lanoguard can be sprayed on a wet surface, this could potentially impact the effectiveness of the product and reduce its ability to adhere. As such we always recommend leaving a wet surface to dry as much as possible before beginning application for optimal results. Slightly damp is okay, as Lanoguard will displace moisture to an extent – but make sure the surface is not dripping wet.

CAN LANOGUARD BE USED OVER SURFACE RUST?

Lanoguard is great for chassis with surface rust. It has a natural affinity to ferrous metals and will bond to the metal underneath any surface rust, it acts as a barrier by hermetically sealing to the surface keeping oxygen and water out - stopping any rust from developing further.

HOW LONG DOES IT TAKE TO DRY?

Lanoguard reaches its final state around 7 to 10 days after application. Day 0 it is "oily" day 3 "soft" and final state is dry to the touch, but you know something is there. Like a candle to feel. Maybe a little softer. It dries to a clear / transparent semi satin wet look and stays that way for some months eventually dulling a little. But always stays clear; and of course, you can jet wash it to clean it back to how it was when you put it on. It is best to not drive the vehicle for 24hours to let it get through the first part of the curing process.

CAN I USE LANOGUARD ON GALVANISED METAL?

No, not usually. If something is galvanised it wouldn't be neccessary to use Lanoguard to protect it because that's what the galvanisation is doing for the surface/metal.

APPLYING LANOGUARD IN WINTER

Lanoguard can be applied in cold conditions and indeed in winter. It is ideally applied to a fully dry and preferably warm surface. That said, it is quite happy to be applied in the cold. Additionally, it is ok to apply Lanoguard spray to a slightly damp surface too and will disperse the damp as it cures. Warming the product in a bucket of warm water helps with application especially in cold weather.

DOES LANOGUARD KILL EXISTING RUST?

Lanoguard prevents and completely stops rust developing further. It will creep, bind, and bond underneath surface rust. It creates a barrier by hermetically sealing to the surface stopping water and oxygen getting in, therefore not allowing rust to develop. Lanoguard doesn't remove existing rust, but it does bond to the metal surface below – over time it will slowly seep underneath surface rust and push off oxidation. It doesn't remove rust completely, but it can improve and nourish the surface over time.

COMMON FAQs

CAN I USE LANOGUARD ON BARE METAL?

If considering applying to Bare metal please be mindful that Lanoguard isn't meant for bare metal protection ideally. It will protect it of course. But will need to be thicker than the single spray coating. The grease will happily protect bare metal. But the spray will need a thicker coating. And ultimately, if in preparation Bare metal is exposed, we'd recommend coating with the grease in that area prior to spraying.

HOW SHOULD I USE LANOGUARD ON HEAVILY RUSTED SURFACES?

If you have heavily surface rusted areas, we recommend doing two coats. The first coat to be applied and left for 4 weeks., which allows it to work in and start to push oxidation off a little, the second coat then seals it more so. Another reason being that if heavy surface rusted, the oxidation will soak up the Lanoguard a lot.

It is also ideal if you can Jetwash prior to 2nd coat too, as this will remove the oxidation that has been pushed off too prior to 2nd coat.

CAN I APPLY LANOGUARD TO MY ENGINE?

Lanoguard is good to use on the engine bay but avoid fan belts. If Lanoguard is applied to the exhaust manifolds it will likely burn off due to the extreme heat they get up to (Lanoguard is heat resistant to 450 degrees centigrade). We recommend spraying moto spray onto the areas you want to protect then wiping the excess off with a cloth. Or wetting a cloth with Lanoguard and wiping that over the areas you wish to protect.

CAN I APPLY LANOGUARD WITH A COMPRESSOR/PRESSURE SPRAYER?

Yes, you most certainly can. Lanoguard works fine with almost all sprayers, compressors, and applicators. You may find that it uses slightly more product than our trigger sprayer applicators will, but you'll still get a nice even coverage of Lanoguard which will protect well. We do have a range of sprayers and applicators available on our website accessories page.

HOW DO I CLEAN OFF OR REMOVE LANOGUARD?

We offer Lanoguard remover, which can be used either to freshly applied Lanoguard or long time cured Lanoguard. It can be used to remove any overspray, clean brushes and or spray guns – just rinse through with warm water afterwards. If using to remove cured and large areas we suggest spraying onto the area, leaving for 5 minutes, then jet washing the area and the Lanoguard will come off with it.

Thick coated areas may need the remover applied and jet washed twice. Do note, you do not need to remove Lanoguard – you can apply coat-on-coat and simply spray over old Lanoguard treatments. Removal is only really needed if you want a very close up inspection of the underbody, or if you have already done a few years of coat-on-coat and would like to start again.

WILL LANOGUARD PREVENT COLD WELDING ON STAINLESS STEEL?

Lanoguard will prevent cold welding of stainless steel. It does this by preventing the surfaces from coming into contact with each other. It will act as a cold weld prevention barrier, anti corrosion and anti seize agent.

Can't find an answer to your question? Check our FAQ page below, or get in touch. We're always happy to help.



0330 100 1959 info@lanoguard.co.uk

Visit lanoguard.co.uk/FAQ for more FAQs

The Lanoguard Story

Over a decade ago I was on the other side of the globe, enjoying the warm weather and marvelling at the fact that I could get 2.4 Australian dollars for my British pound. Although I am an engineer by trade, my job at that time was in sales and I was pretty successful. Life was good.

Then the global financial crisis happened, the exchange rate plummeted from 2.4 to 1.6 and sales dropped to zero. I was suddenly out of a job and quickly needed to find a future career path.



I am a passionate conservationist and have always held strong views about preserving our environment and the engineer in me always liked the challenge. For me the concept of mending and repairing rather than replacing was second nature. I love to fix everything and get it back up and running. My philosophy was that we should concentrate more on preserving assets, keeping what we have, improving and reusing. Since consumerism had created this financial crisis, it seemed like a sensible move to look for an industry that could respond to this challenge. Maybe it was a case of serendipity, but Lanoguard happened at the right time in my life and I was immediately taken with how effective it was in the preservation of marine craft. It was anti corrosive, yet completely non toxic. It was unlike anything else on the market.

I was impressed with the versatility and effectiveness of Lanoguard and felt sure that there was tremendous potential in selling Lanoguard in the European market. This resulted in Lanoguard Limited being created in 2011. I talked to every contact I had in those first years and did the work. Eventually persistence paid off and our first major customers started to come on board. In 2014 we managed to secure contracts with Gatwick Airport and Dublin Airport to protect their fire truck and snow fleets. Industries at that time were trying to rebuild their balance sheets and monitored expenditure very carefully. We were able to successfully promote the "asset protector" (as it was known then) to prevent rusting, reduce downtime and lengthen the lifetime of equipment. In 2015 another significant contract was agreed with Multihog, to solve their industrial seizing and corrosion issues.

Then a combination of events helped to crystallise how Lanoguard can make a major dent in preserving machinery. We had just started a contract with the New Haven Port Authority, who were using Lanoguard on their industrial equipment. We were receiving great feedback, but even more interesting was that various individuals who I had got to know were also using it on their vehicles, because it worked so well. I also used Lanoguard to preserve the underbody of my truck, which was quite old. A memory of the wire brushing, grinding and welding then using Waxoyl, a very time consuming and dirty process made me realise the relative simplicity of using Lanoguard - and there was no mess to clear up afterwards. It was a lightbulb moment, although we were supplying Lanoguard to commercial clients, which was very successful in reducing costs in rusted assets, the domestic vehicle market by its sheer volume was a bigger problem to tackle. If we helped to prevent rust on vehicles to extend their life could have a significant impact with benefits throughout the chain and across the environment.

This was nothing new. I was aware first hand as I lavished time on by truck over the years to keep it in good condition. However that was the point, Lanoguard was so much better than everything on the market. It was so much quicker, easier and cleaner. I'd been using it on my vehicle without even thinking about it when I had finished bigger jobs as it was just so fast, why wouldn't I protect it! I love my old L200! We started to focus on provisioning a specialist kit for vehicle chassis protection, taking the best from our marine product range and making an easy to use practical solution for any vehicle owner. We created a new logo, a new brand and new label and packaged up the chassis care kit ready for courier dispatch, then started to promote Lanoguard to the domestic market - and it was an instant success.

With the demand ramping up as our customers started to talk about the benefits my environmental beliefs were always in the background and although it was satisfying to sell a non toxic and environmentally friendly product, I wanted to go further. As a result, in 2015 I started the process of transforming the supply chain to low carbon, with all materials sourced from the UK. In 2016 we developed e-commerce site to streamline the operation and sales have continued to grow. We have since relocated to much larger premises to cope with the increased demand. Tens of thousands of customers have now protected their vehicles with Lanoguard. Our vision is that as Lanoguard becomes more popular, it will help millions of people keep what they've got for longer by caring for it and preventing it from rusting. I'm personally really pleased about signs that we are gradually helping to play our part in moving away from being a throwaway society and becoming more environmentally aware. For example, commercial vehicles in the past were routinely scrapped when new regulations meant that engines were no longer compliant with stricter emission levels. That's now changing and there is a growing trend for replacement engines to be installed on the original chassis, structural metalwork that can be preserved for decades with the correct care. Regular preservation treatment also improves resale value. In conversations with the airport authorities we understand that resale value of used industrial machinery increased from 5% to between 10% and 15% because it had been regularly treated. Additionally, if it's property treated, it's easier to resell it. This kind of feedback proves that regular preservation is a great investment to make - this applies to all machinery, especially vehicles.

For the regular vehicle owner it is a no brainer, nobody wants to pay much for a vehicle that needs welding or will fail an MOT after a winter or two and with 20 minutes every year you can keep it like new and benefit from a high resale value saving thousands of pounds. My favourite success story is our factory forklift which is 30 years old, it's regularly Lanoguarded and it still works fine, it's a remarkable bit of kit which we have not had to replace at great expense, it would have been long since decommissioned without the protection it has had. As Lanoguard has become more successful, my concern for the environment kept nagging away at me - could I do more to help? Rather than just talking about it, I wanted to do something positive. This resulted in the Lanofund being created, it's set up as a social fund to help to improve our future world. A percentage of every sale is transferred into this fund, which is used to help issues around protecting futures, environment ecology and looking at better ways to use and reuse resources. For example, transport by sea is carbon heavy and we are helping to fund alternative options, such as a trial for wind powered shipping between Britain and France. Our rivers in this country are a great natural resource, but some parts are blighted by accumulated rubbish. We are funding an initiative to start to remove that rubbish by using kayaks.

We now have a small but thriving British family business, manufacturing natural and non-toxic, anti-corrosive sprays, greases and blends creating lubricants and surface protectants. We provide an alternative solution to other hazardous petroleum options - also outperforming them!

Lanoguard helps our customers save what they have, preserving the value of their assets, reducing waste and with the help of our inspiring user group doing our little bit to encourage a culture of sustainability.

Mark

LANOGUARD ACCESSORIES



PROFESSIONAL SPRAY BOTTLE 1L

This 1 litre Professional Spray Bottle is designed to be versatile, easy to use and provide a professional high-grade application. It's a premium quality tank and trigger sprayer combo, built with heavy-duty application needs in mind.



PRO2 SPRAYER KIT WITH 360 INJECTOR WAND

Lanoguard's Pro2 pressure sprayer and injector wand kit makes applying to the larger areas of vehicles with an even coverage much easier. The wand has a specially designed brass nozzle for optimum atomisation.



LANOGUARD 360° INJECTOR WAND FOR INNER SILLS AND BOX SECTIONS

The 360 Injector Wand is designed to help make application to all those hard-to-reach areas really simple. Can be used with the Trigger Sprayer or Professional 1L bottle.



LANOGUARD OVERSPRAY REMOVER AND GUN WASH

Lanoguard Remover allows you to remove any Lanoguard overspray, clean brushes, flush out spray guns and remove long time cured Lanoguard.



LANOGUARD GREASE BRUSH AND MUTTON CLOTH ACCESSORY PACK

The paintbrush is to use with the Moto or Marine Grease. The reusable mutton cloth is the perfect size enabling you to apply Lanoguard Spray with a cloth.



LANOGUARD BEANIE HAT

For when your heart says "Yes, it's time to Lanoguard", but your head says "No, it's freezing outside". Keep your head warm while applying your Lanoguard this winter with a Lanoguard Beanie Hat.



Visit **www.lanoguard.co.uk/lanoguard-accessories** for our full range of Lanoguard accessories and sprayers.

The Lanoguard Referral Scheme

WHAT IS THE REFERRAL SYSTEM?

We are excited to introduce our Referral Scheme that allows you to save on your next order in an easy and hassle-free way. This means that after you make a purchase, we will provide you with a unique referral link to share with your friends and family.



WHAT'S IN IT FOR YOU?

This not only benefits you but also rewards your friends and family.

When you refer a friend or family member to Lanoguard, they will receive a £5 voucher to use towards their first purchase. And as a thank you for spreading the word about our products, we will also send you a £5 voucher to use on your next order.

- You refer a Friend/Family member
- You receive £5 off your next purchase
- Your Friend/Family receive £5 off their next purchase.

That's right, it's a win-win situation! You get to share your love for Lanoguard with others.



STEP BY STEP PROCESS

- 1. Sign up to the Referral Scheme through the email we sent.
- 2. Locate your referral link.
- 3. Send it to your friend / family.
- 4. Reap the rewards!

www.lanoguard.co.uk/referrals

Mode d'emploi

- 1. Éliminer toute surface écaillée ou endommagée (rouille ou peinture écaillée, etc.). Il n'est pas nécessaire d'éliminer la rouille superficielle.
- 2. Nettoyer le véhicule et le laisser sécher. Il est préférable de le laver de près à haute pression, mais on peut aussi l'essuyer ou utiliser un tuyau d'arrosage !
- Appliquer Lanoguard Grease sur toutes les zones très vulnérables à la corrosion ou au grippage (cordons de soudure, écrous, boulons, goupilles, arêtes vives, etc.). Nous recommandons de chauffer la graisse dans de l'eau chaude et de l'appliquer à l'aide d'un pinceau.
- 4. Bien agiter le Lanoguard Spray avant son utilisation. Appliquer sur l'ensemble du dessous de caisse. Les seules zones à éviter sont les disques et plaquettes de frein et les courroies de ventilateur. Vaporisez tout le reste à volonté ! Par temps froid, il est souvent conseillé de placer le flacon pulvérisateur dans un seau d'eau tiède afin que le jet s'écoule librement.

Si possible, il est conseillé d'attendre 24 à 48 heures avant d'utiliser le véhicule. Lanoguard demande jusqu'à une semaine pour sécher au toucher et donne un fini mat translucide et satiné d'une texture semblable à celle d'une bougie. Nous recommandons une utilisation dans les 9 à 12 mois suivant l'achat pour garantir la qualité de l'application.



Visitez le site lanoguard.co.uk/how-to-apply pour plus d'infos

Istruzioni

- 1. Rimuovere tutte le aree scrostate e rovinate (ruggine o vernice sfaldata, ecc.). La ruggine superficiale non rappresenta un problema e non occorre rimuoverla.
- 2. Pulire il veicolo e lasciarlo asciugare. La miglior tecnica di pulizia è lavare da vicino con un'idropulitrice ad alta pressione, ma è possibile usare anche una canna per innaffiare o un panno.
- 3. Applicare Lanoguard Grease in tutte le aree particolarmente vulnerabili alla corrosione o al grippaggio, quali cordoni di saldatura, dadi e bulloni, perni e spigoli vivi. Si consiglia di scaldare il grasso lubrificante in acqua calda e di applicarlo con un pennello.
- 4. Agitare bene Lanoguard Spray prima dell'uso. Applicare sull'intero sottoscocca. Le uniche aree da evitare sono i dischi dei freni, le pastiglie dei freni e le cinghie delle ventole. Spruzzare tutte le altre aree. Quando fa freddo si consiglia di tenere il flacone a spruzzo in un secchio d'acqua calda per assicurare che il prodotto scorra liberamente.

Per ottenere la migliore prestazione, laddove possibile attendere 24-48 ore prima di guidare. Lanoguard richiede fino a una settimana per essere completamente asciutto al tatto e lascia una finitura opaca traslucida e satinata con una consistenza simile a quella di una candela. Per un'applicazione ottimale, si consiglia di utilizzare il prodotto entro 9-12 mesi dall'acquisto.



Per ulteriori informazioni, visitare lanoguard.co.uk/how-to-apply

Gebrauchsanweisung

- Reinigen Sie das Fahrzeug und entfernen Sie nicht tragfähige Schichten (losen Rost, abblätternden Lack und dgl.). Dazu eignet sich am besten ein Hochdruckreiniger, Sie können aber auch einen Schlauch verwenden und eine Handwäsche vornehmen. Anschließend lassen Sie das Fahrzeug trocknen. Lanoguard kann problemlos auf dünnem und stabilem Oberflächenrost (Flugrost) sowie über früheren Unterbodenschutzbeschichtungen angewendet werden.
- 2. Tragen Sie das Lanoguard-Fett auf allen Flächen auf, die besonders rostanfällig sind oder leicht Fettfressen, wie Schweißnähte, Muttern und Bolzen, Gewinde und scharfe Kanten. Wir empfehlen, das Fett leicht zu erwärmen und es mit einem Pinsel aufzutrage
- 3. Sie den Sprühkopf vor Gebrauch auf fehlerfreie Funktion. Die Lanoguard-Sprühflüssigkeit vor Gebrauch kräftig schütteln. Auf den gesamten Unterboden auftragen. Nur Bremsscheiben, Bremsbeläge und Keilriemen aussparen, alles andere kann getrost besprüht werden. Bei kaltem Wetter ist es ratsam, die Sprühflasche in einen Eimer mit warmem Wasser zu stellen, damit der Sprühstrahl frei fließen kann.

Lassen Sie das Fahrzeug nach Möglichkeit 24 bis 48 Stunden stehen, bevor Sie es fahren. Lanoguard braucht bis zu einer Woche, um auszuhärten, und hinterlässt ein durchscheinendes, seidenmattes Finish von wachsähnlicher Konsistenz. Wir empfehlen, das Produkt innerhalb von 9-12 Monaten nach Kauf zu verwenden



Per ulteriori informazioni, visitare lanoguard.co.uk/how-to-apply

#lanoguard

Many of our users love to share their Lanoguard experiences on our Facebook Users Group or across their Social Media platforms.

Make sure you use #lanoguard and help us spread the word!





UNDERBODY PROTECTED BY

Lanoguard

Stops rust, salt and corrosion.

www.lanoguard.co.uk

...and don't forget the car sticker that's in your box!

02/05/2

On the reverse you can write the date of each Lanoguard application, making sure you are regularly topped up and protected.



Lanoguard

Ask us a question about Lanoguard, and/or tell us a story about your favourite uses of our products! If we need to improve on something, just let us know - whatever it may be, we would love to hear from you.

Email: info@lanoguard.co.uk

Tel: 0330 100 1959



