

MANUAL – EN / DE / DK

HBCsystem®

Caravan
Spot Repair System
NP1000



System name	E1 – Spot Repair System
Part no.	np1000
Modification	May-20
Warranty	2 years
Power	-

CONGRATULATIONS!

EN

Dear user,

we hope that you will achieve great pleasure out of your new HBC system. We recommend that you go through a course and study the manual thoroughly before you start using the system. When used properly the system enables you to carry out repairs of an extremely high quality.

We would like to hear about your experiences with the system. A few words concerning the things that has made an impression on you - positive or negative - would be of great help to us in our efforts to improve our products to an even higher standard. If you are in any kind of doubt or in need of additional products your distributor will assist you with further advice.

If you have any other types of questions we refer to our hotline +45 7022 7070.

Thank you.

DE

Lieber Benutzer,

wir wünschen Ihnen viel Erfolg mit Ihrem neuen HBC System. Wir empfehlen Ihnen, eine Schulung durchzuführen und sich mit dem Manual vertraut zu machen, bevor Sie das System in Betrieb nehmen.

Durch korrekte Anwendung des Systems werden Reparaturen von außergewöhnlich hoher Qualität erzielt.

Ihre Erfahrungen mit dem System sind von großem Interesse für uns. Einige Worte über Dinge, die Sie beeindruckt haben - positiv oder negativ – wären uns eine große Hilfe in unseren Bemühungen, unsere Produkte ständig zu verbessern. Sind Sie über etwas in Zweifel, oder fehlt es Ihnen an zusätzlichen Produkten, ist Ihr Vertreter Ihnen immer mit Rat und Anleitung behilflich.

Bei sonstigen Fragen wenden Sie sich bitte an unsere Hotline unter der Telefonnummer +45 7022 7070.

Vielen Dank im Voraus.

DK

Kære bruger

Vi håber du får stor glæde af dit nye HBC system. Vi anbefaler at du gennemgår kursus og læser manualen grundigt før du tager systemet i brug. Hvis systemet benyttes korrekt opnås reparationer af en særdeles høj kvalitet.

Vi vil gerne høre om dine oplevelser med systemet. Nogle få ord om det der har gjort indtryk på dig - positivt eller negativt - vil være til stor hjælp for os i vore bestræbelser på at gøre vore produkter endnu bedre. Er du i tvivl eller mangler du ekstra produkter, vil din forhandler være behjælpelig med råd og vejledning.

Ved øvrige spørgsmål henviser vi til vor hotline på tlf. +45 7022 7070.

På forhånd tak.

Certificate and letter of Warranty

CONGRATULATIONS!

You have just purchased a product designed to enhance the quality and profitability of your profession. With proper care, your HBC system will provide you with long lasting, reliable service.

The HBC system was designed specifically with the quality in mind.

We sought to design and engineer a system, which would be "user-friendly".

Constructing a system was, relatively small, lightweight, and attractive was a primary goal.

Thank you for choosing a HBC system. We are sure that you will agree with us after just one job that you have invested wisely in the future of repair product.

Warning

Warning: Please read all safety instructions on products

Contact information

HBC SYSTEM / SMARTTOOL PRODUCTION APS

HOBROVEJ 963

9530 STØVRING

Denmark

Phone: +45 7022 7070

Fax: +45 7022 7272

E-mail info@hbc-system.com

Product information and updates: www.hbc-system.com

Warranty information

The HBC system has limited warranty for 24 months from the date of purchase. Because the unit is an maybe an electrical device, it is incumbent on the purchaser to exercise proper care. The following conditions, therefore, are those which would void the warranty:

Evidence of extreme abuse

System is used for other than the intended use.

System is immersed in or allowed to come into contact with water.

Any attempt to enter the device. Note: This unit contains electrical components that are not serviceable by common repair shops and which are manufactured solely for the HBC system.

We reserve the right to inspect and test all warranty claims on questionable units before a replacement is made. This warranty gives you specific legal rights, which may vary, from country to country.

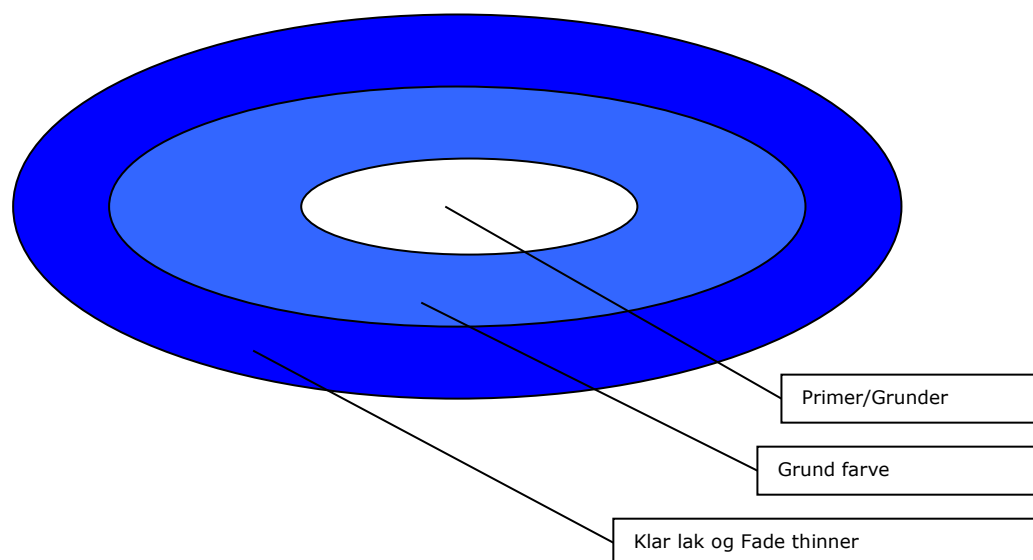
Claim form

Please call first and obtain a "HBC Claim Form" before returning any product.

DK - Manual

Step by step til lak reparationer – System NP1000

1. Skadestedet slibes grundigt med slibepapir korn 240.
2. Påfør evt. normal spartel i skadestedet, alt afhængigt efter behov.
3. Slib igen efter evt. påført normal spartel - med korn 240 - påfør derefter primer/grunder i og omkring skadestedet, undgå at få for meget primer/grunder på området udenom Husk. max. 15 cm randzone. Primer skal påføres i små sprøjt ad gangen. Så den tørrer mellem de små tynde lag. – du vil nu se hvordan primer/grunder opbygger evt. Små ujævnheder.
4. Primer/Grunder kan evt. mellemtøres med varmepistol til ca. 50 grader før og efter påføringen.
5. Slib igen let. Evt med korn 1500 og efterfølgende med korn 3000 så området er helt glat og jævnt
6. Påfør den bestilte grundfarve - med en jævn randzone på ca. 15 cm udenom primeren/grunderen.
7. Påfør klarlak - med en randzone på ca. 15 cm. udenom området med grundfarven.
8. Opvarm igen før påføringen til ca. 50 grader for at fremme hærdningen
9. Påfør FADE thinner i klarlak randzonen i meget lille mængde, men kun i randzonen (på det matte område) efter ca 10 minutter vil det matte område blive mere blankt.
10. Efter ca 1 time vil reparationen være tør og klar til efterpolering. Hvis dette er nødvendigt.



Det anbefales at der altid prøve-sprøjtes med højtryksdåsen før brug, på evt. Et stykke pap.

Sørg for påkrævet arbejdshygiejniske hjælpemidler, maske og godt ventileret område.

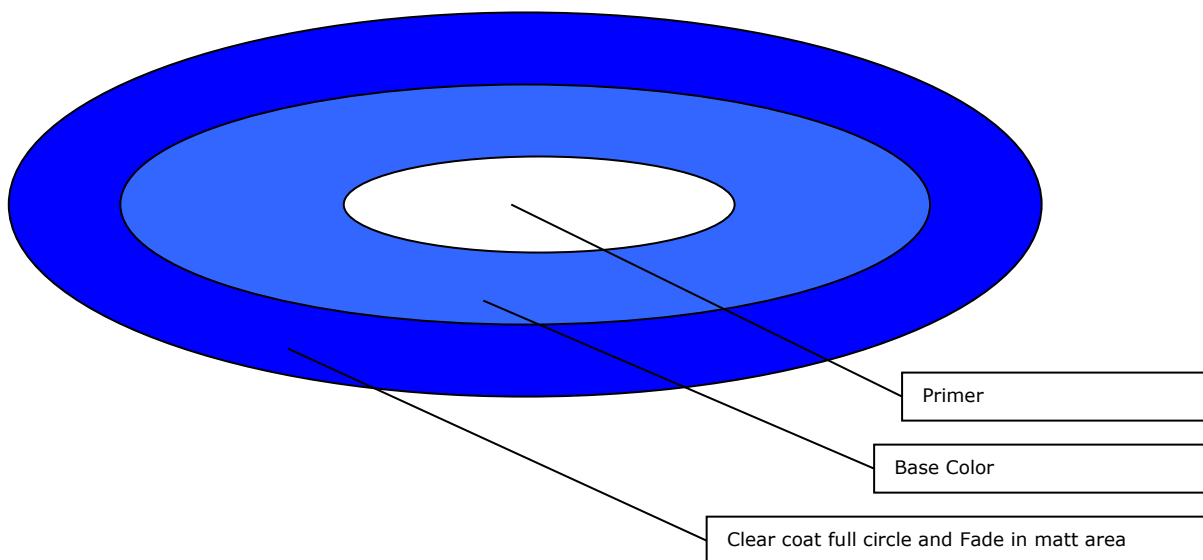
Evt punkt suger eller sprøjte kabine.

EN- Manual

Step by step spot repair – System NP1000

- Sand the damaged area with sanding paper 240.
- If needed, fill the area until the right finish is achieved. Sand again with sanding paper 240.
- Apply primer in and around the damaged area. Avoid getting too much primer outside the damaged area. Important: Max 15cm rim zone. Apply in small thin layers. See how the primer builds up small marks sanding mistakes.
- You can dry the area (with a heat gun) to about 50 degrees before and after application. If an infrared lamp or a heat gun is used, safe distance to the area repaired should always be maintained, while exercising great caution that the object is not overheated.
- Sand again lightly with sanding paper 1500 and following with sanding paper 3000 so the area is smooth.
- Apply the base color - with a rim zone on 15cm outside the primer.
- Apply clear coat – with a rim zone on 15cm outside the base color. Warm up the area to 50 degrees to speed up the curing process.
- Apply the fade thinner – in the clear coat rim zone in a small amount, but only on the rim zone (on the mat area). After 10 minutes the mat area will be shinier.
- After 1 hour the repair will be dry and ready to after polish if needed.

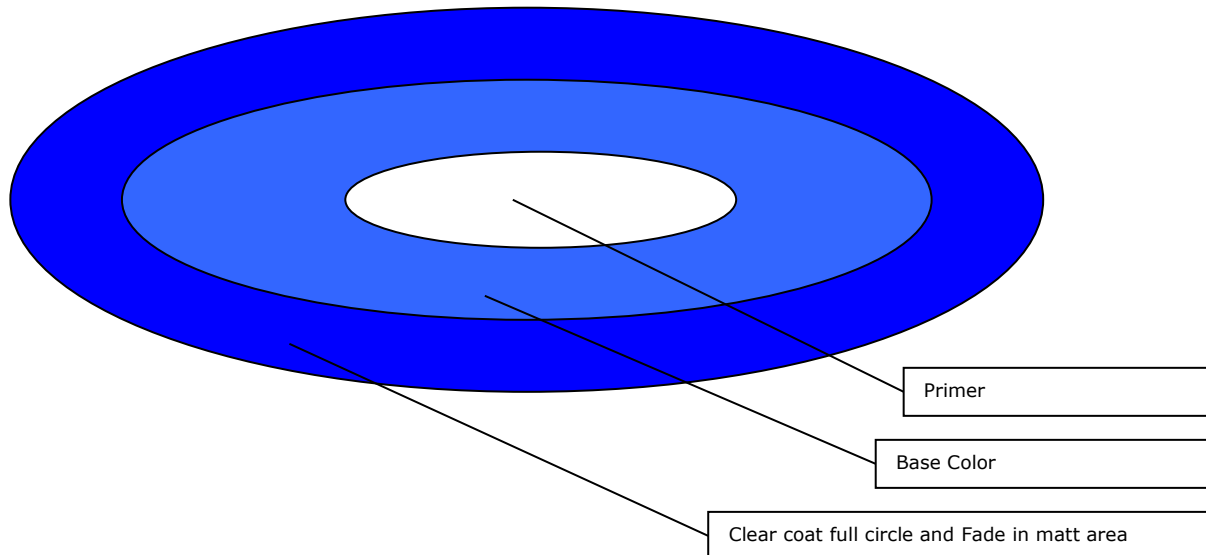
It is recommended to test the aerosol before use.



DE-Manual

Lackieren der Reparatur – System NP1000

1. Reinigen Sie den Bereich mit Silikon- Entferner mit Hilfe eines sauberen Tuches
2. Kleben Sie die Reparaturstelle im angrenzenden Bereich ab
3. Bringen Sie 2 Schichten Caravan Primer oder High Bild Primer als Grundierung auf
4. Lassen Sie diese für 10 Minuten aushärten
5. Prüfen Sie den Bereich mit der Kontrolllampe und schleifen Sie bei Bedarf diesen mit Hilfe des Glasfaser- Schleifstiftes nach
6. Wählen Sie die richtige Farbe mithilfe der mitgelieferten RAL-Farbkarte
7. Mischen Sie die benötigte Farbe gemäß Software an oder nutzen Sie alternativ fertiggemischte Farben in Spraydosen
8. Lackieren Sie den Reparaturbereich in 2 Schichten mit der angemischten Farbe
9. Benetzen Sie die Randzonen des lackierten Bereiches gleichmäßig mit dem Fade Thinner (Beispritzverdünner)
10. Lassen Sie die Reparaturstelle für ca. 1 Stunde aushärten
11. Bearbeiten Sie den reparierten Bereich mit Politur nach, um ein perfektes Finish zu erhalten



Contact information:

HBC SYSTEM / SMARTTOOL PRODUCTION APS
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Fax:	+45 7022 7272
E-mail	info@hbc-system.com
Internet	www.hbc-system.com

SAFETY

REMEMBER!

Be aware of your own safety. Handle these products with caution. Do not let children near any of the products. Always use the included mask and plastic gloves and safety glasses when using these materials. Wash your hands and arms thoroughly before eating, going to the toilet and after work if you have been in contact with chemicals. Make sure that the work area is well ventilated. Avoid direct skin and eye contact. Avoid inhalation. The products must not be placed in the vicinity of flames or other heat-generating appliances. Provide effective fire-fighting equipment - Fires are best extinguished with a dry powder extinguisher. Do not use water when flammable liquids are on fire.

Emergency instructions

Fire - Call the fire department.

Provide the following information to the emergency call center:

The address of the fire.

The products/things on fire and the scope of the fire.

Call an ambulance in the event of personal injury.

State your name and telephone number.

Stay by the telephone until the alarm message has been understood.

Notify the safety officer and the management.

Never use water for fighting oil or organic compounds on fire. Use a dry powder extinguisher to kill the fire. Remove all sources of ignition in the area to the extent possible.

Please refer to the safety data sheets for safety measures on the individual products.

PAINT MANAGER SOFTWARE

Installation file (how to install) for the Paint Manager software is available here

[hbc-system.com](https://hbc-system.com/en-gb/about-hbc-system/support) > support > downloads > Spot Repair Caravan (NP1000)

hbc system support doc: x

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