HYDRO-FORCE™

Leather Care and Maintenance Procedures Guide



CLEAN • PROTECT • REVITALIZE

Overview

A. Types of Leather

1. Protected

Also known as Finished, Semi Aniline, Everyday, Pigmented and Painted, these Leathers combine the best aspects of a natural product and utilize tannery technology to create a product that is more uniform in appearance and color.

2. Aniline

Also known as Natural, Pure, Naked and Unprotected, these are leathers that are colored with transparent dyestuff. This means you can see the actual surface grain markings. These leathers have very little or no protective treatments applied to them.

3. Nubuck

Also known as Chaps, Distressed, Bomber and Suede, Nubuck is an Aniline leather that has been brushed, sanded or scratched to create a velvet or pile feel or look to the grain side of leather. Suede is the flesh side of the hide and is of lower quality.

B. How to identify leather on location

1. Evaluate the leather visually. Protected leathers will have a consistent coloration due to pigmentation, while Aniline and Nubuck will have a varied hue. Any leather with a nap will be Nubuck or suede.

2. Feel the leather. The softer the leather, the more likely it is Aniline or Nubuck. The stiffer the leather, the more likely it is Protected.

3. Go to an inconspicuous place and scratch the leather with your fingernail. Aniline and Nubuck will scratch readily and the scratch will be a lighter color. Protected leather has a finish made of polyurethane resins. The only way this leather will go lighter is by scraping off the finish and the pigments.

4. In an inconspicuous place, rub Hydro-Force Leather Cleaner into the leather. Aniline and Nubuck leather will darken as the cleaner is absorbed into the leather. The cleaner will not absorb into Protected leather.

5. This final test will determine the difference between Aniline and Nubuck. In an inconspicuous place, rub Hydro-Force Leather Protector on the leather and dry with a hair dryer. Aniline leather will dry clear with no difference in texture. Nubuck leather will dry darker with a slight change in texture. Hydro-Force Leather Protector mats down the nap of Nubuck causing the area to be darker.

Helpful Hints

Many manufacturers are including a cleaning label under the cushions of the sofa to indicate the type of leather; Protected, Aniline and Nubuck.

	PROTECTED (P)	ANILINE (A)	NUBUCK (N)
Identification	80% of Leather	15% of Leather	5% of Leather
Inspection & Pre-testing	Color loss **Leather Cleaner**	Color loss **Leather Cleaner**	Moisture sensitive, color loss, darkening **Leather Master Foam Cleaner**
Dry Soil Removal	Vacuum the decking	Vacuum the decking	Vacuum the decking — Remove surface dirt Nubuck Cloth
Cleaning	Clean with Foam **Leather Cleaner**	Clean with foam Quick dry **Leather Cleaner**	Clean with **Leather Master Foam Cleaner** Quick dry
Protection	Rub on **Leather Protector**	Rub on & quick dry **Leather Protector**	Mist on & brush when dry **Leather Master Nubuck Eco-Protector**
Revitalize	Rub on **Leather Revitalizer if dried out**	Rub on **Leather Revitalizer**	

HYDRO-FORCE™ Leather Care and

Protected Leather Cleaning

1. Approximately 80% of all leather furniture and almost all automobiles will be protected leather. Protected leather has a pigment coat applied over the surface and is sealed by a finish of polyurethane resins. In fact, as long as the finish is intact, you are cleaning the finish and not the leather itself.

2. Identify the leather as protected. A fingernail will not scratch the leather to a lighter color. Water does not darken protected leather because it does not soak into it. Color is consistent from panel to panel.

3. Pretest by cleaning a side of the cushion which does not show. Once you are assured it is a protected leather, then proceed.

4. Spray Hydro-Force Leather Cleaner onto microfiber cloth. Apply to leather panel and work microfiber cloth in a circular motion. Wipe up foam with terry cloth towel. Repeat as necessary. Position Air King to dry leather that has been cleaned.

5. Once leather is uniformly clean and dry to the touch, apply Hydro-Force Leather Protector with a soft cloth. Spread evenly across the leather and let dry naturally.



Helpful Hints

1. Make sure that where leather touches leather, it is dry so when Leather Protectorr is applied, the leather will not stick together.

2. If leather darkens in any area, then the finish may be damaged, and aggressive agitation may remove pigment.

Aniline Leather Cleaning

1. An Aniline leather will have a varied hue, will be soft, will scratch readily with a fingernail, will darken when Hydro-Force Leather Cleaner is applied, and will dry clear after Hydro-Force Leather Protector has been applied and dried. Stains will often not be totally removed, and the lighter the color, the more they will show. Be sure to look for fading as that happens easily. Evaluate the dryness of the leather, as an extra step is often needed to restore the feel of the leather after cleaning.

2. Clean an inconspicuous panel of leather, usually the side of the cushion. Spray Hydro-Force Leather Cleaner onto microfiber cloth. Rub onto the panel of leather in a circular motion. Look at your cloth to see if the color of the leather came off on the cloth. If no color is seen, then proceed with the cleaning (if transfer of color occurs, then more advanced training and procedures may be required). Wipe off dirt with terry cloth towel and dry panel with hair dryer.

3. Continue cleaning from panel to panel, drying each panel as you go with hair dryer or Air King. After entire sofa is cleaned, inspect for areas that may need further attention, and re-treat.

4. Apply Hydro-Force Leather Protector after furniture is cleaned. Dry each panel with a hair dryer as you protect it.

5. For dry leather found in your pre-inspection, apply Hydro-Force Leather Revitalizer after leather is cleaned, protected and dry to the touch. Let it dry naturally overnight. Hydro-Force Leather Revitalizer will revitalize the feel and touch of the leather by returning the leather moisture back into the leather that has been lost over time.

Helpful Hints

1. Restorative cleaning may be necessary, due to a collection of oil and food stains, partial fading, ink marks, and a deterioration of the original finish on the leather. Aniline leather does not have a polyurethane finish, but may have either a nitro-cellulose, wax, or micro-pigmented surface, which will need to be restored.

Maintenance Procedures Guide

Nubuck Leather Cleaning

CAUTION: Do not apply Hydro-Force Leather Cleaner, Protector, or Revitalizer to Nubuck Leather. Accurate identification of leather is critical to your success as leather care professional.



1. A Nubuck leather will have a varied hue, will be soft and will scratch readily with a fingernail. Complete stain removal may be more difficult on Nubuck. The lighter the color, the more they will show. You need to watch for fading and evaluate the evenness of the nap of the leather. The nap can rub off wherever there is a lot of wear (e.g. end of the seat cushions, arm rests, etc.).

2. Test for safety and results. Clean an inconspicuous panel of leather - usually the side of the cushion. Wrap Nubuck Cloth around a sponge and rub back and forth on the leather. Look to see if the Nubuck Cloth scratched the leather. You may need to break in a Nubuck Cloth in inconspicuous areas. Use gently on some Nubuck leathers. Apply Leather Master Foam Cleaner to a sponge. Rub foam onto the panel of leather in a circular motion and wipe off dirt with terry cloth towel. Dry panel with hair dryer. Inspect your sponge to see if the color of the leather came off on the sponge. If no color is seen, proceed with the cleaning. Some Nubuck leathers can only be safely cleaned with a Nubuck Cloth.

3. Reclean entire sofa with a Nubuck Cloth to remove as much soil as possible. Wrap cloth around a sponge.

4. Apply Nubuck Eco-Protector and dry each section as you go. It is better to apply two light coats than one heavy coat.

5. After the protector is applied, brush the leather to raise up and even out the nap. You may use a clean dry sponge, a brass velvet brush or a horsehair brush.



Helpful Hints

1. Restorative cleaning may be necessary due to a collection of oil and food stains, partial fading and ink marks.

2. Nubuck will require more time and product to clean/protect than Aniline and Protected leather. In heavily soiled areas, "like-new" results may be more difficult to achieve. Suggest to the customer more frequent cleaning to avoid the necessity of restorative measures.



Preinspection Keys for all Leather

Pre-test for color fastness and moisture sensitivity with Hydro-Force Leather Cleaner. Put some Hydro-Force Leather Cleaner on a soft cloth and rub the leather in an inconspicuous place to see if you get some color transfer. You may have already seen color transfer on the Hydro-Force Leather Protector test. It is not unusual to get a trace of color transfer on aniline or nubuck leathers. Significant transfer of color should be shown to the customer. Proceed at the customer's risk. You can limit, but not prevent, the color crocking by cleaning small areas at a time and by drying quickly with a hair dryer or by using Leather Master Foam Cleaner. Clean an inconspicuous area of Nubuck and dry, looking for water rings to form. Examine the furniture thoroughly for all other pre-existing conditions like spots, damages to finish, fading and natural markings before proceeding.

Vacuum under the cushions to remove any dry soil that may be present in the decking area.



Solutions Needed

Hydro-Force Professional Leather Cleaner



Hydro-Force Professional Leather Cleaner is specially formulated to deep clean even the most stubborn dirt, soil, and spills from protected and aniline leather. It meets or exceeds the performance standards of leading Italian leather cleaners with a more economical price. It is easy to apply and easy to use. It works effectively without the use of damaging and harsh chemicals that dry and stiffen leather. It gets deep into the grain of the leather and emulsifies, dissolves, and deflocculates dirt and oily soil that build up over time. It is pH balanced specifically for fine leather and will not damage your protective finish.

 # CL200QT

Hydro-Force Professional Leather Protector



Hydro-Force Professional Leather Protector protects leather from staining, soiling, cracking and premature aging, by providing a protective guard to the surface of the leather as well as the essential oils and lubrication that it needs to remain soft and supple. A simple "Wipe-On, Wipe-Off" application penetrates easily into the fibers of leather providing a protective barrier between the leather and foreign spilled material such as oils, liquids, alcohol, normal dirt and soiling and much more. This barrier makes regular cleaning and maintenance much easier while keeping the leather looking like new.

 # CL210QT

Hydro-Force Professional Leather Revitalizer



Hydro-Force Professional Leather Revitalizer protects leather from cracking and premature aging, by providing the essential oils and lubrication that it needs to remain soft and supple. Leather that does not regularly have conditioner applied can become dry and stiff. Hydro-Force Professional Leather Revitalizer replenishes the natural moisture and oil that can removed from leather by time, light, direct sunlight, dry air, heat, soiling and improper cleaning agents. Hydro-Force Professional Leather Revitalizer penetrates easily into the pores of leather providing natural lubrication to keep the fibers from breaking and tearing under friction without leaving an oily residue.

 # CL205QT

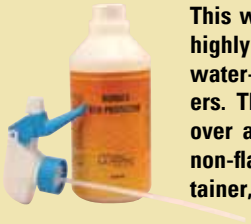
LeatherMaster Foam Cleaner



This adaptation of the Strong Cleaner formula provides another option for you to clean color and moisture sensitive leathers. The foam limits the water absorbed into the leather. For extremely porous leathers, its use will reduce drying time, decreasing the amount of time you need for cleaning.

 # CL038

LeatherMaster Nubuck Eco Protector



This water-based product is for nubuck or highly sensitive leathers. It will provide oil-water-alcohol protection on Nubuck leathers. This product has several advantages over aerosol type protectors: solvent-free, non-flammable, lower cost, all-usable container, and consumer safe.

 # CL022

LeatherMaster Leather Degreaser



Hair and skin leave oil on leather. Leather Degreaser dissolves these and other oils and transfers them to powder more absorbent than the leather. Areas with heavy build-up may require a second and third application. Use in a properly ventilated area and observe all safety precautions carefully.

 # CL020

Supplies Needed



Foaming Sprayer

 # AS06F

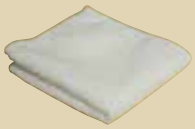


Sponges

Used with Leather Cleaners to create foam for cleaning all leather types.

 # AU29

Microfiber Lint Free Cloth



Protects from fine scratching that may occur using other applicators.

 # 13229 - 8"x 8"
 # 13230 - 16"x 16"



Hair Dryer

Aids in the rapid drying of leather and curing protector.



Soft Cloth

This lint-free cloth is used for applying all creams, finishes, colors and some spotters.

 # ALM02



Brass Velvet Brush

Fluffs and finishes fine velvets.

 # AB02



Air King Air Mover

Aids in the rapid drying of leather and curing protector.

 # AC081
 # AC082