

TECHNICAL PROCEDURE

TRAILER SUSPENSION SYSTEMS

SUBJECT: Soft Coat and Hot Wax Surface Coating
Maintenance Procedures

LIT NO: T12004

DATE: July 2016

REVISION: B

INTRODUCTION

The purpose of this document is to provide maintenance information for Hendrickson Trailer Commercial Vehicle System products with soft coat or hot wax surface coating. Content includes Do's & Don'ts, product information and touch-up application procedures.

SOFT COAT CORROSION PREVENTATIVE

Soft coat is a term Hendrickson has given to suspension corrosion preventive surface coating using SG-500 products produced by Scharpf Group, Inc.

HOT WAX CORROSION PREVENTATIVE

This corrosion prevention method applies a hot wax coating using a heated dip coating tank. The coating hardens upon cooling to form a dry, wax-like film. Hendrickson uses 1210HP from the Daubert Chemical Company, Inc.

GENERAL DOS & DON'TS

To aid in maintaining optimal suspension performance and warranty, the following conditions must be met:

IMPORTANT: For soft coat or hot wax warranty, refer to L583 Comprehensive Warranty Statement.

DO

- Ensure surface coat covers all suspension component surfaces that were originally coated by Hendrickson.
- Touch-up surface coating when metal is exposed.

DON'T¹

- **Do not steam clean.**
- **Do not use high pressure hot water.**
- Power wash **no closer than one foot** from surface.
- Do not apply surface coat to an unassembled frame bracket in the area of the alignment collar.
- Do not apply any top coat other than those described within this document, unless authorized, in writing, by Hendrickson Trailer Suspension Systems.

⚠ Caution: **DO NOT** apply undercoating, paint or other surface coating to the suspension and frame brackets until after completing the alignment as defined in L579 Alignment Procedures.

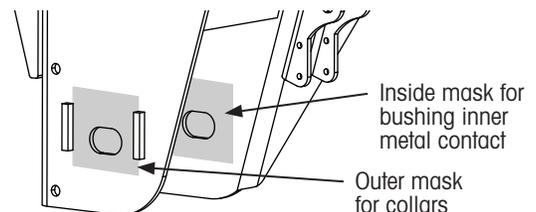


Figure 1: Paint mask areas (example for QUIK-ALIGN®)

NOTE: Areas where alignment collars and bushing inner metal contact the frame bracket must be masked if coating prior to assembly.

¹ Except as instructed in the procedure on the next page.

TOUCH-UP PROCEDURE

If required, the below procedure must be followed to ensure proper touch-up preparation and reapplication of corrosion prevention surface coating.

TOUCH-UP MATERIALS

The below table lists authorized suppliers of touch up material for soft coat and hot wax surface coated suspensions.

SURFACE COAT	SUPPLIER
Soft Coat, Grey	www.sgrpi.com
Soft Coat, Black	www.sgrpi.com
Hot Wax	www.daubertchemical.com

Table 1: Surface coat suppliers

Disclaimer:

For compatibility and recommend application, please contact the above listed supplier or Hendrickson Trailer Technical Services at 866-743-3247 or email

HTTS@Hendrickson-intl.com.

NOTICE: Soft coat is made to adhere permanently to a surface. It is not designed for easy removal and will adhere to any surface upon which it falls. Be careful to control where this material lands.

- **Material will adhere to a shop floor.**
- **Material will clog sewer drains.**
- **Wherever the product lands, it will have to be removed. Contact Hendrickson for details.**
- **For MSDS sheets, refer to:**
www.Hendrickson-intl.com

IMPORTANT: Material must be disposed of in a manner that complies with Local, State and Federal regulations.

REQUIRED STEPS

1. Remove loose dirt, debris, rust, grease, oil, salt water or other road chemicals using one of the following:
 - A. Pressure washing,
 - B. Steam cleaning,
 - C. High-pressure hot water washing.

IMPORTANT: Abrasive blast cleaning will not work.

2. Use pressurized air to remove excess water and allow to completely dry.
3. If the surface is rough or pitted, a relatively smooth surface is preferred. Use non-abrasive cleaning where applicable.

NOTE: Although a thickness of 7-8 mils is desirable, which will dry to 4-7 mils, if the surface is not smooth, high spots will have less coating than low spots; a heavier thickness of coating is recommended.

4. Apply surface coating, from [Table 1](#), following product manufacturer's recommended procedures.

NOTE: SG-500B is acceptable for coating both hot wax or black soft coat.

The coating will dry to touch in approximately four hours and be tack-free overnight.

Call your trailer dealer or Hendrickson at **866.RIDEAIR (743.3247)** for additional information.



www.hendrickson-intl.com

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