TOYOTA

TO: VERMONT TOYOTA DEALER PRINCIPALS, SERVICE MANAGERS AND PARTS MANAGERS

DATE: 2009

RE: Information Packet for LSC 90D

LSC 90D - LIMITED SERVICE CAMPAIGN FOR 2001 - 2004 MODEL YEAR TACOMAS

VERMONT DEALER INFORMATION PACKET

This bound volume contains two parts of the Vermont Dealer Information Packet—the **Getting Started Guide** and the **Federal, State and Local Requirements Guide**. The third part—the **Technical Instructions**—is bound separately.

IMPORTANT – PLEASE READ

TOYOTA

Toyota Motor Sales, U.S.A., Inc.
19001 South Western Avenue
Torrance, CA 90501
(310) 468-4000

To: Vermont Dealer Principals and Service Managers

Date: September 2009

RE: Limited Service Campaign (LSC) 90D

Enclosed, please find information required to initiate LSC 90D in your geographic area:

- ***State Specific*** Dealer Information Packet (***Please follow these instructions prior to starting the LSC***).
- LSC 90D Technical Instructions

In addition to the above, the ***Service Manager Package*** also includes the following:

- Dealership Specific VIN List
- Laminated Corrosion-Preventative Compound Operation Summary
- LSC 90D Dealership Readiness Tool Guidelines (see note on page 2 for Spray Gun order instructions)
- LSC 90D Binder Tab
- Customer Information Card, MDC #00411-09001 (200 pieces*) to leave with vehicle following application of the Corrosion-Prevention Compound
  **Additional Cards are available through the MDC*

Your Parts Manager will receive only the following:

- Technical Instructions; this includes ordering information for the Corrosion-Prevention Compound Kit (P/N 00289-00KIT-DS). Please note that these kits will take four business days for delivery.
- Dealership Specific VIN List
- LSC 90D Binder Tab

IMPORTANT: Your dealership will be contacted by an EH&S Specialist from KPA, LLC to conduct an LSC readiness survey and help guide you through facility preparations. To avoid unnecessary delays, please do the following:

- Prepare for your KPA readiness survey: review the readiness questionnaire at http://cleandealer.com (follow the link to LSC 90D) and conduct advance research as necessary. The Service Manager and/or dealership EH&S Coordinator should be prepared to respond to survey questions when the KPA Specialist calls.
- Read the detailed dealer package immediately: read the entire package carefully paying special note to permitting requirements and associated forms.
- Complete all required forms: DO NOT contact any agency regarding the LSC until you have done this.

Please give the KPA EH&S Specialist the same courtesy you give your TMS Region representatives. If you have any questions, please contact your Region or the LSC EH&S hotline at (877) 572 4347.

Thank you for your cooperation in this important Limited Service Campaign.

Toyota Motor Sales, U.S.A., Inc.

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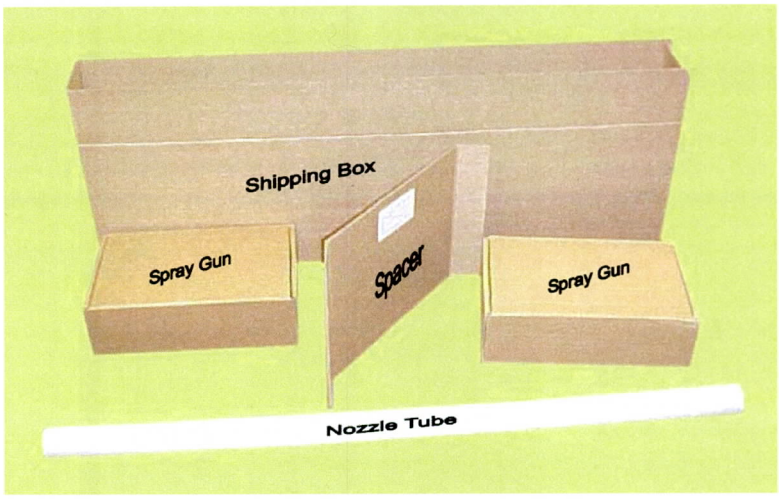
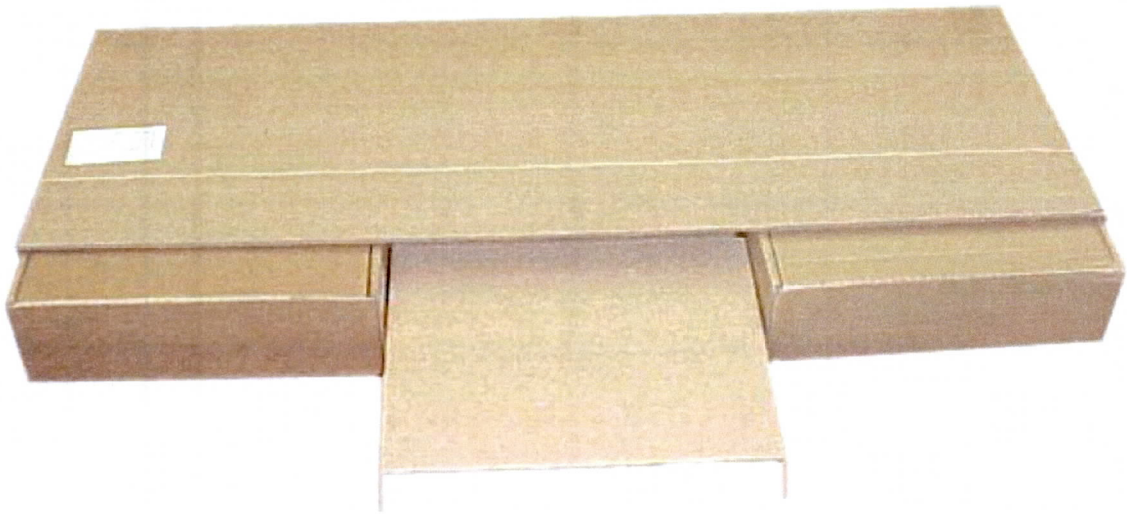
NOTE: A web-based LSC 90D Dealership Readiness Tool is now available for your use at http://cleandealer.com (follow the LSC 90D link). Special Equipment (Spray Gun) Kits will ship automatically as soon as your *"Readiness Status"* as reflected by your *"Readiness Dashboard"* shows 100% completion in all preparation areas. **Special Equipment (Spray Gun) Kits will not be shipped until your "*Readiness Status*" reflected by your "*Readiness Dashboard*" shows 100%. Please see attached instructions.**

When received, the Special Equipment (Spray Gun) Kit package will have a fluorescent (green, yellow or pink) label as seen below for easy identification.





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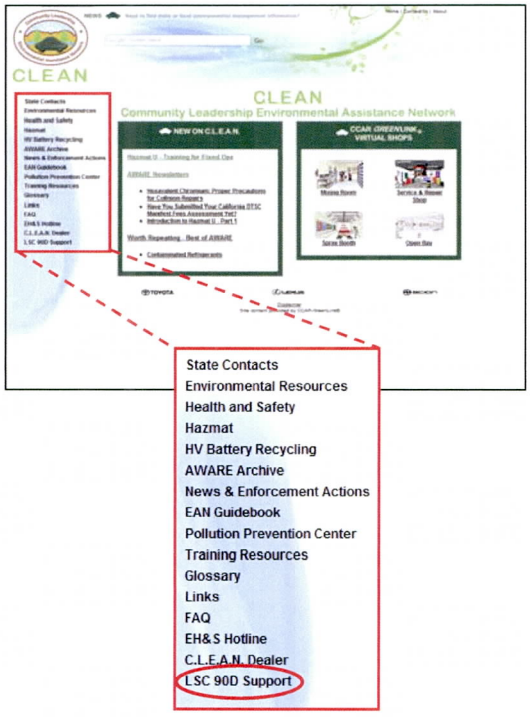
Important Information – LSC 90D Dealer Readiness Tool

A web-based LSC readiness tool is now available for your use at http://cleandealer.com. You cannot begin LSC services until your *"Readiness Status"* as reflected by your *"Readiness Dashboard"* shows 100% completion in all preparation areas. KPA will help you get started with this process when they call to conduct your readiness survey. It is your responsibility to complete your preparations for the LSC and update your *"Readiness Dashboard"*. **Special Equipment Kits (spray gun kits) will be automatically shipped when your "*Readiness Status*" reflected by your "*Readiness Dashboard*" shows 100%.**

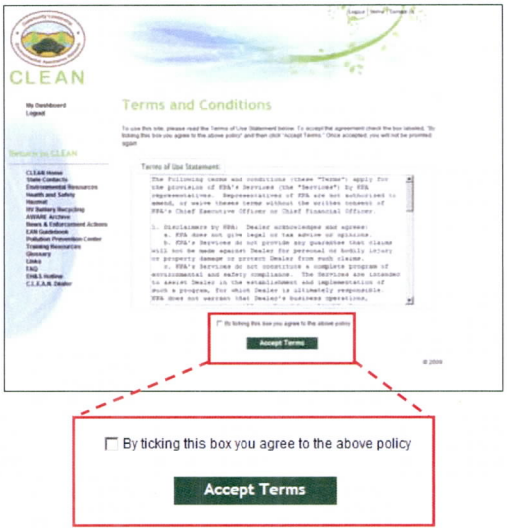


1. GO TO THE C.L.E.A.N. DEALER WEBSITE & OPEN THE LSC 90D SUPPORT PAGE

a) Enter http://cleandealer.com into the URL.
b) Click on the *"LSC 90D Support"* link located on the lower left corner of the webpage.

2. LOG INTO THE LSC 90D SUPPORT WEBSITE

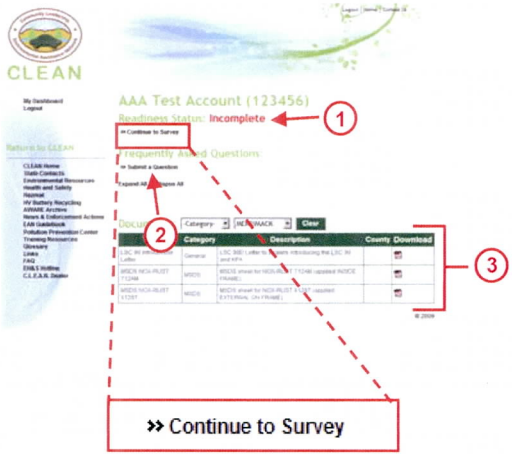
a) Enter your Dealership Code and Zip Code.
b) Click on the "*Login*" button.



3. READ AND ACCEPT THE TERMS AND CONDITIONS FOR USING THIS DATABASE

a) Read the Terms and Conditions.
b) *Accept the Terms and Conditions by clicking on the box labeled, "*By ticking this box you agree to above policy*".
c) After marking the box, click the "*Accept Terms*" button.

***If you have questions or concerns about accepting these terms and conditions, please call the LSC 90D support hotline at 877-KPA4EHS (877-572-4347). In most cases the Terms and Conditions will only need to be accepted during the initial sign in.**



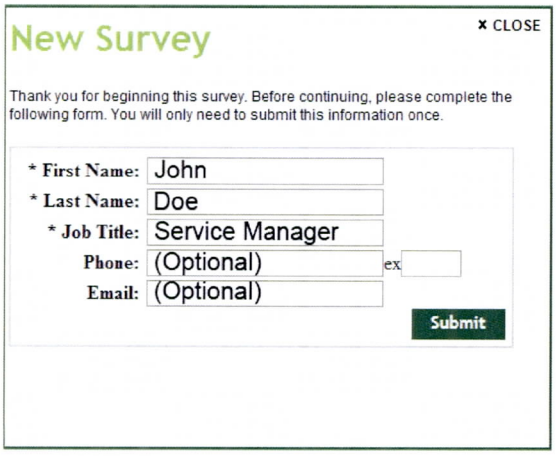
4. COMPLETE THE *READINESS* SURVEY

a) Click on the "*Continue to Survey*" link located on the "*Readiness Dashboard*" page.

Note:

- **Additional information can be obtained by using the links outlined below:**

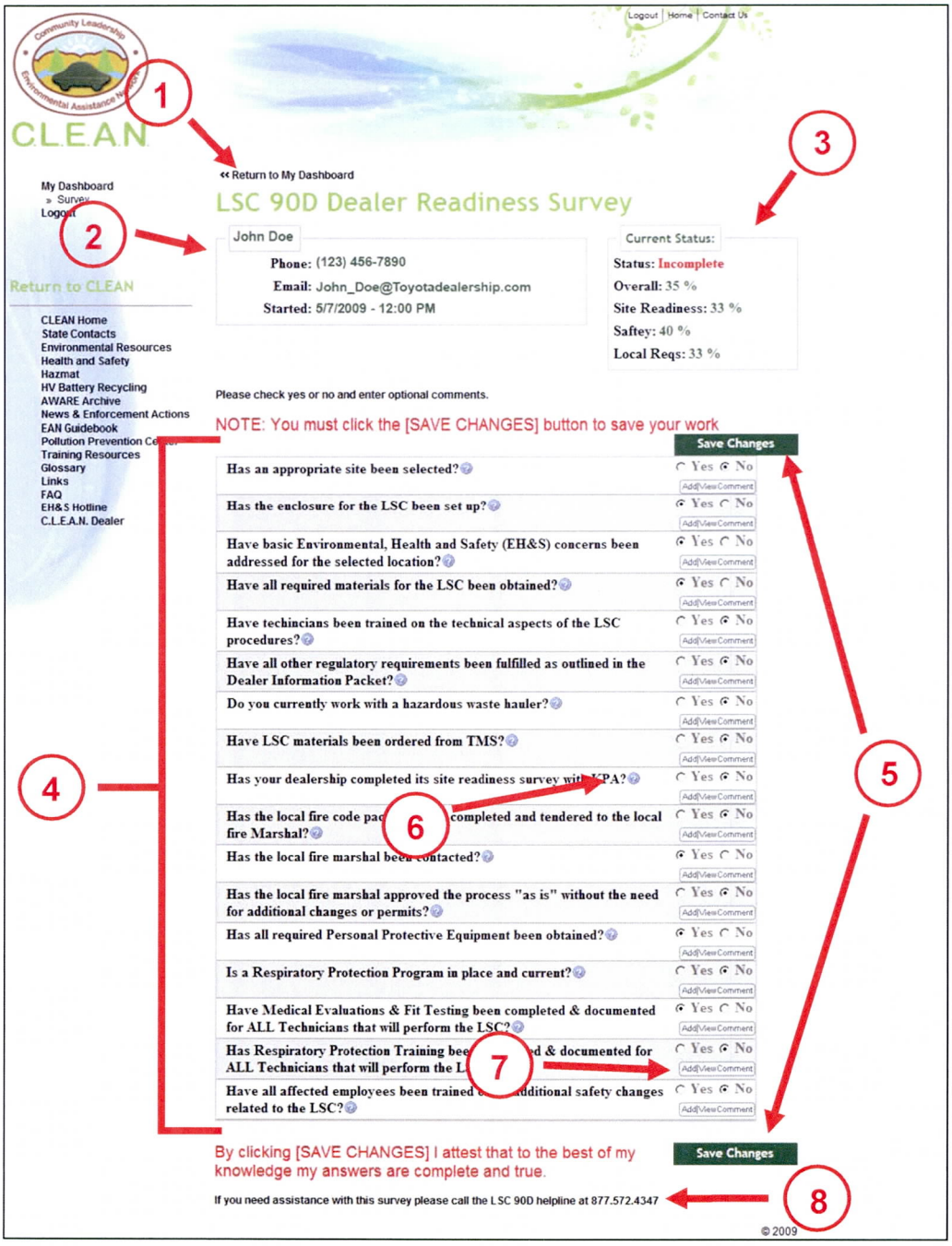
1	View your "*Readiness Status*". **Special Equipment Kits (spray gun kits) will be <u>automatically</u> shipped when your "*Readiness Status*" shows "*Complete 100%*".**
2	Submit questions relating to the 90D Readiness Survey. These questions are reviewed and answered by LSC 90D Specialists. You can generally expect a response within one business day.
3	Review posted documents. Some of these documents <u>may include</u>: • The Dealer Information Packet • Model Fire Official Letter • MSDS for both the 712AM and the X128T • Website instructions • Other useful documents needed to perform this LSC.



b) When you first begin the survey a box will appear in the lower right corner of the screen. Before proceeding you will need to provide the **LSC Program Manager's information:
   - First Name
   - Last Name
   - Job Title
   - Phone Number and Extension (Optional)
   - Email address (Optional)

****The LSC Program Manager is the dealership associate coordinating preparations for this Limited Service Campaign. In most cases this will be the Service Manager. This information will only need to be submitted during the initial sign in.**

c) Fill in the survey. ***Each time your dealership's status changes make sure to update the survey and click "Save Changes"***.



1	"*Return to My Dashboard Link*" – This link returns the user to the "*Readiness Dashboard*".
2	"*User Information Box*" – This box populates with the data that was entered in step 4b. It also inserts a timestamp for when the 90D Readiness Survey was first started.
3	"*Current Status Box*" – This box indicates the preparation completed by the dealership. **Special Equipment Kits (spray gun kits) will be <u>automatically</u> shipped when this box indicates all the overall preparations are complete.**
4	"*Survey Questionnaire*" – The information provided in this section indicates the preparation level for each dealership.
5	"*Save Changes*" – When finished updating the information on the survey, click the Save Changes button before exiting the screen or the updated information will be lost.
6	"*Help Bubble*" – This help tool provides additional clarification for each question on the 90D Readiness Survey.
7	"*Add/View Comments*" – By clicking on this button comments/notes can be added and reviewed.
8	"*Service Help Number*" – If you need additional information please call the number shown here.

TOYOTA

LSC 90D - LIMITED SERVICE CAMPAIGN
2001 - 2004 MODEL YEAR TACOMA FRAME CORROSION-PREVENTATIVE COMPOUND
TECHNICAL INSTRUCTIONS

Please review this entire information packet with your Service and Parts staff. This will familiarize them with the proper step-by-step procedures required to implement this LSC.

INTRODUCTION

Toyota will initiate a Limited Service Campaign (LSC) 90D to inspect and apply a Corrosion-Preventative Compound (specialized protective sealant) to the frames of certain 2001 through 2004 model year Tacoma vehicles WITHOUT RUST CORROSION PERFORATION that are registered in the following states and the District of Columbia:

CT, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI, and WV

Toyota has received reports that a small number of 2001 through 2004 model year Tacoma vehicles operated in severe cold climate areas with high road salt use exhibited excessive rust corrosion to the frame, causing perforation of the metal. Toyota investigated these reports and determined that the frames in this small number of vehicles may not have adequate corrosion-resistant protection for use in this environment. This combined with prolonged exposure to road salts and other environmental factors may contribute to the development of excessive rust corrosion in the frames of some vehicles. This condition is unrelated to and separate from normal surface rust which is commonly found on metallic surfaces after some years of usage and/or exposure to the environment.

If the customer's vehicle is registered in AK, AL, AR, AZ, CA, CO, FL, GA, HI, IA, ID, KS, MT, LA, MO, MS, NC, ND, NE, NM, NV, OK, OR, SC, SD, TN, TX, UT, WA, WY and the U.S. Territories, the customer will ***not*** need to do anything at this time. If the customer moves to an area in which the vehicle may experience prolonged exposure to road salts and other environmental factors, they will need to contact any Toyota dealer and make arrangements to have the vehicle inspected and, if appropriate, the specialized protective sealant applied.

OWNER NOTIFICATION

The owner notification will commence as soon as the LSC 90D Readiness website indicates dealers in a given area are prepared to perform the LSC. Each dealer will be contacted and provided a packet outlining the individual regulatory requirements in their state prior to starting the Corrosion-Preventative Compound application.

Dealers should apply the specialized protective sealant as outlined in the Technical Instructions section. ***The application should only be performed for vehicles that are registered in the states affected by the LSC and have no signs of rust corrosion perforation.***

Please note that only owners of the affected vehicles will be notified. If a dealer is contacted by an owner of an affected vehicle, who has not yet received a notification, please ***verify eligibility for the LSC by confirming through Dealer Daily/TIS***.

DEALER/OWNER LISTS

Affected vehicle VIN lists (VIN only, due to changes in Privacy Laws) for the LSC have been distributed to each dealership's Service and Parts Managers. These lists are based upon the dealership's Primary Marketing Area (PMA) or selling dealership where applicable. Based upon our records, a dealership which does not have an affected vehicle in their PMA will receive a report indicating so.

APPLICABILITY PERIOD

This LSC will be available at no cost to the vehicle owners until ***October 31, 2010.*** All terms of the affected vehicle's Toyota Basic Warranty will remain intact regardless of whether or not the customer takes advantage of the LSC.

AFFECTED VEHICLES

There are approximately ***145,000*** Tacoma (2001 through 2004 model year) vehicles covered by this LSC. For the affected VIN range, reference the Technical Instructions (TI) section.

Please note that as the regulatory challenges are addressed only owners of the affected vehicles registered in that specific state will be notified. VINs for that specific state will be loaded simultaneously. If a dealer is contacted by an owner of an affected vehicle, who has not yet received a notification, please ***verify eligibility for the LSC by confirming through Dealer Daily/TIS***.

A UIO State Matrix is listed to inform dealers of the number of vehicles in their state by model year.

STATE	2001	2002	2003	2004	TOTAL
CT	1,411	1,411	1,378	1,390	5,590
DC	62	73	78	69	282
DE	252	296	298	318	1,164
IL	1,643	1,537	1,385	1,481	6,046
IN	1,142	991	938	887	3,958
KY	2,242	2,124	1,875	1,559	7,800
MA	3,131	3,279	3,496	3,708	13,614
MD	2,543	2,812	2,795	2,869	11,019
ME	881	925	878	1,032	3,716
MI	861	853	798	689	3,201
MN	899	839	707	699	3,144
NH	1,232	1,373	1,331	1,328	5,264
NJ	2,174	2,180	2,259	2,089	8,702
NY	2,960	3,012	3,079	3,249	12,300
OH	2,483	2,339	2,188	2,296	9,306
PA	3,588	3,991	3,751	3,985	15,315
RI	579	596	585	597	2,357
VA	4,750	5,216	5,329	5,489	20,784
VT	772	854	849	952	3,427
WI	1,175	917	858	880	3,830
WV	1,596	1,345	1,225	1,243	5,409
Total	36,376	36,963	36,080	36,809	146,228

MATERIAL ORDERING

Since not all states are included in the LSC, the Corrosion-Preventative Compound materials will be placed on Manual Allocation Control (MAC).

While the materials are on MAC, a representative from TMS Quality Compliance will review each order and contact the dealership's Parts Manager to verify the necessity of the order. This will ensure an adequate and balanced material inventory.

If there are ***special*** circumstances where a dealer is having difficulty receiving its materials, dealership associates may contact (310) 468-5516 to research their order. The associate should have the following information ready to expedite research of the order status:

- Dealer Information (Dealer Code, Contact Name, Telephone Number)
- Order Reference Number
- Customer Name and Vehicle 17-digit VIN

The necessary materials can be ordered through the parts system on Dealer Tire. They will be shipped directly from AMREP. Please refer to the Technical Instructions section for part number information. Please note that only dealers in the Severe Cold Climate States will be able to order Corrosion-Preventative Compound materials once the regulatory challenges in the state are addressed.

- Do not order more than your immediate needs. THESE MATERIALS ARE NOT FOR RETAIL SALE AND ARE ONLY INTENDED FOR USE AS PART OF THE LSC. Ensure that the Corrosion-Preventative Compound is stored at room temperature (please refer to the MSDS located in the Appendix).
- The material part number will be drop-shipped from AMREP to your dealer. Please note that deliveries are only scheduled on business days. Saturday deliveries are not available. Allow 5 business days for order processing and shipping of the material to your dealership.

The Corrosion-Preventative Compound will entail sealing the frame with two different Nox-Rust® products. The Nox-Rust® 712AM, a paraffin wax based product, will be applied inside the frame. The Nox-Rust® X-128T, a mineral spirits based wax product, will be applied to the external surfaces. (Do not use the Nox-Rust® name and trademarks without the prior written consent of Daubert Chemicals Company Inc. and Toyota Motor Sales, U.S.A., Inc.)

BEFORE YOU START

Three types of legal requirements apply to the LSC: (1) air pollution control laws; (2) building, zoning and fire codes; and (3) regulated waste requirements. The Getting Started Guide and the Federal, State and Local Requirements Guide review these legal requirements, provide step-by-step instructions for how to comply, and include forms to create and maintain compliance records. These Guides assume that you will conduct the LSC in the vehicle service area of your dealership. Please refer to the Getting Started Guide and the Guide to Federal, State and Local Requirements that accompany these Technical Instructions for information about how to conduct the LSC consistent with these different legal requirements.

Most dealerships should be able to meet the necessary requirements within two weeks of receiving this package. An LSC 90D Readiness Survey (http://cleandealer.com*) has been created to help track each dealership's preparation. Toyota's business partner, KPA, will be contacting each dealership to provide additional assistance. ***Once the LSC 90D Readiness Survey indicates a dealership has met all the necessary requirements, a Special Equipment Kit (spray gun kit) will automatically be mailed to that facility at no charge.***

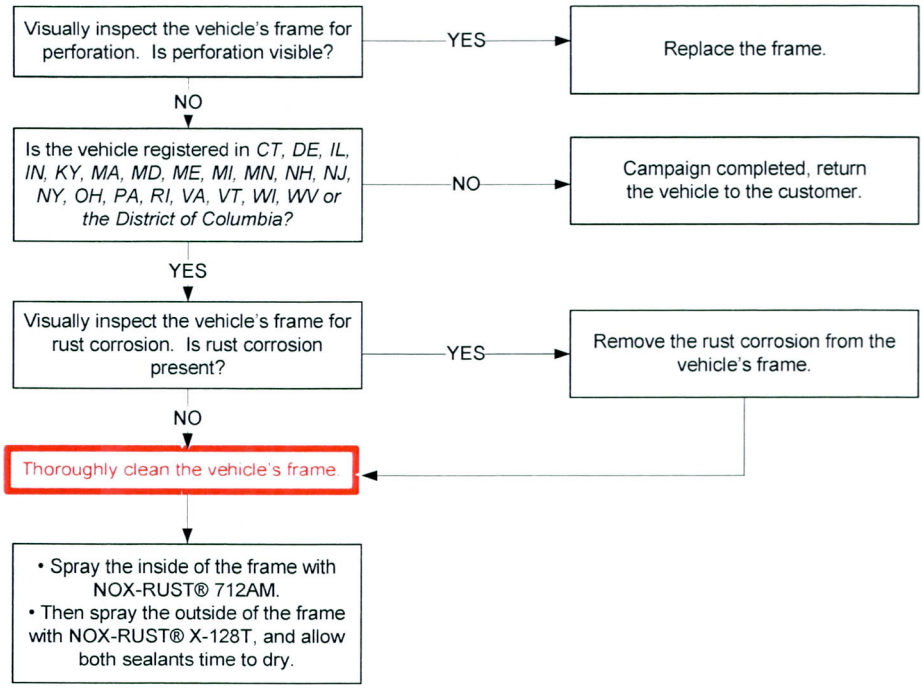
*Follow the LSC 90D Support link located in the left bottom corner of the webpage.

Please note, before starting this LSC all dealer associates involved with this LSC must be properly trained using the Dealer Information Packet, Laminated Corrosion-Preventative Compound Operation Summary and these Technical Instruction. Training should be documented in the associate training log.

WARRANTY PROCESSOR INSTRUCTIONS

Please note the following for this LSC:

- This LSC expires on ***October 31, 2010***.
- Only vehicles registered in CT, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI, WV or the District of Columbia are eligible for the application of the Corrosion-Preventative Compound.



Operation Codes:

This activity represents a unique combination of a CSP and a LSC. Therefore a ***CSP claim and a LSC claim*** will need to be filed for each Corrosion-Preventative Compound Application. Use the correct LSC or CSP designation when filing Operation Codes (see left hand side of table below):

CSP	Op. Code	Description	Flat Rate Hour
ZTH	8630J1	Inspect Frame For Rust Perforation (No Perforation Found)	0.6 Hr/Veh
Note: The flat rate time for Operation Code 8630J1 includes 0.1 hour for campaign administrative cost per unit for the dealership.			

And the following Op. Codes

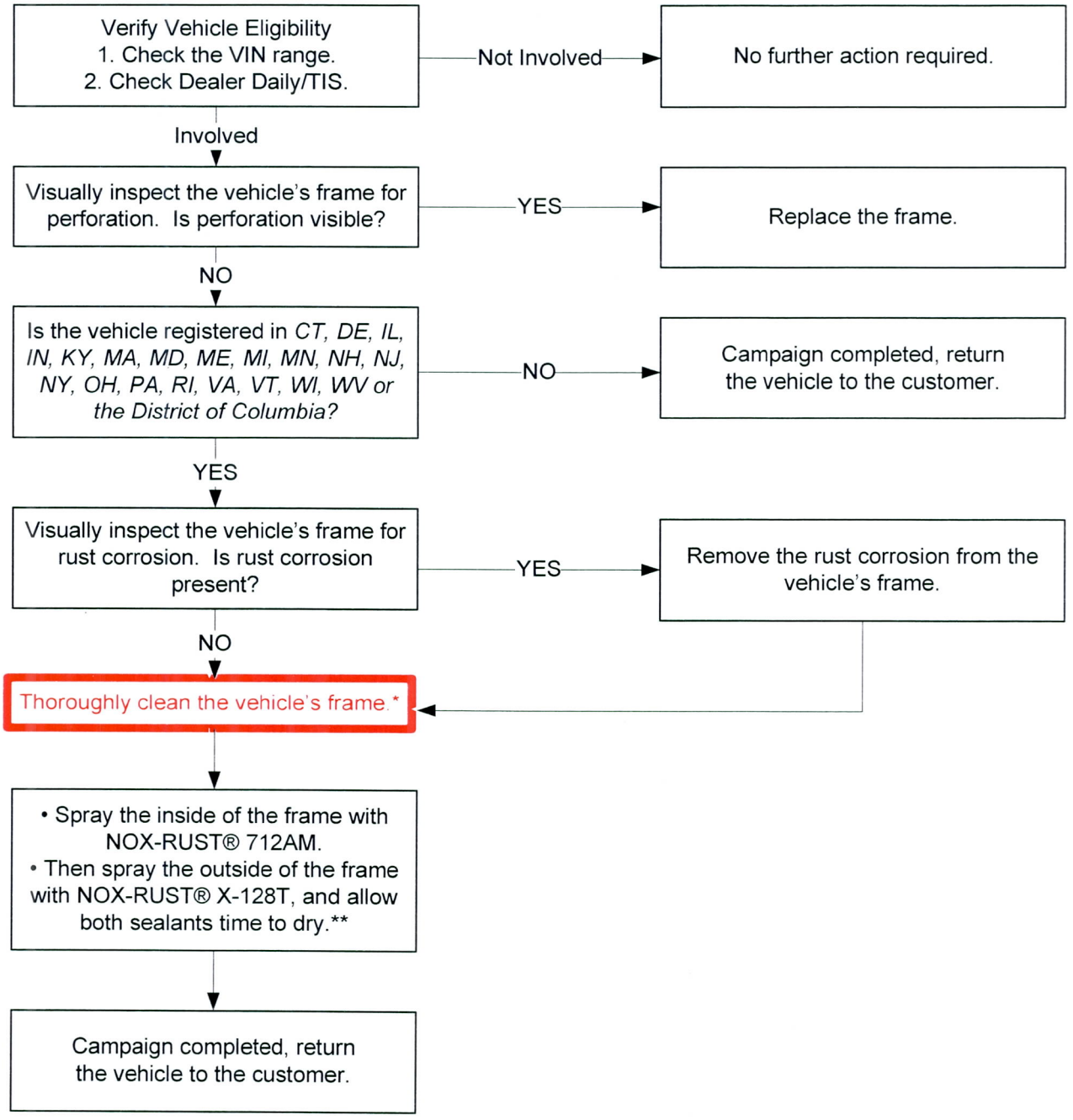
LSC	Op. Code	Description	Flat Rate Hour
90D	8630JM	Apply Corrosion-Preventative Compound By Dealer	3.6 Hr/Veh

Allowable Sublets for LSC 90D Claims:

- **Rental Car:** Use "RT" sublet type for Op. Code 8630JM. During the Corrosion-Preventative Compound application, customer rental car through the Toyota Rent-A-Car (TRAC) Program is available for a maximum of 3 days. Follow the Toyota Transportation Assistance Program (TTAP) guidelines.
- **Materials/Supplies:** Use "YA" sublet type for Op. Code 8630JM. A max. $36/vehicle cost for LSC prep and application materials/supplies (fire-retardant poly sheeting (tarp), masks, tape, gloves, partition, waste disposal, etc.) will be accepted.

TECHNICAL INSTRUCTIONS

I. OPERATION FLOW CHART



***Note:**
Due to the flash point of the NOX-RUST® materials, allow sufficient time for the vehicle (i.e., the exhaust system) to cool down before beginning the chemical application. By following the FRAME APPLICATION WORK PROCEDURE the vehicle will have additional time to cool before the NOX-RUST® is applied. Please refer to the MSDS for flash point temperatures.

****Note:**

- **Keep records to comply with Federal/State/Local regulations and requirements. See the Federal, State and Local Requirements Guide that accompanied these instructions.**

II. IDENTIFICATION OF AFFECTED VEHICLES

A. AFFECTED VIN RANGE

NOTE:
Vehicles registered in following states are affected: *CT, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI, WV or the District of Columbia*

Model	WMI	Year	VIN Range	
			VDS	Range
TACOMA	5TE	2001	GM92N	Z727245 – Z880431
			GN92N	Z726201 – Z880433
			HN72N	Z726498 – Z880444
			NL42N	Z718168 – Z880440
			NM92N	Z718261 – Z880427
			PM62N	Z718416 – Z880351
			SM92N	Z718295 – Z880439
			SN92N	Z718166 – Z880436
			VL52N	Z718280 – Z880441
			VN52N	Z718355 – Z879914
			WM72N	Z718164 – Z880443
			WN72N	Z718395 – Z880438
		2002	GM92N	Z000001 – Z899998
			GN92N	Z000190 – Z899894
			HN72N	Z000002 – Z899999
			NL42N	Z000006 – Z899978
			NM92N	Z000233 – Z899936
			PM62N	Z000022 – Z899995
			SM92N	Z000245 – Z899972
			SN92N	Z000012 – Z899646
			VL52N	Z000013 – Z899990
			VN52N	Z000017 – Z898219
			WM72N	Z000058 – Z899904
			WN72N	Z000019 – Z899885
		2003	GM92N	Z145585 – Z305459
			GN92N	Z145318 – Z305507
			HN72N	Z145460 – Z305500
			NL42N	Z145319 – Z305504
			NM92N	Z145535 – Z305379
			PM62N	Z145471 – Z305481
			SM92N	Z145555 – Z305506
			SN92N	Z145622 – Z305491
			VL52N	Z145395 – Z305505
			VN52N	Z145797 – Z304523
			WM72N	Z145487 – Z305493
			WN72N	Z145316 – Z305501

AFFECTED VIN RANGE CONTINUED...

NOTE:
Vehicles registered in following states are affected: *CT, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI, WV or the District of Columbia*

Model	WMI	Year	VIN Range	
			VDS	Range
TACOMA	5TE	2004	GM92N	Z305895 – Z466734
			GN92N	Z305509 – Z466774
			HN72N	Z305686 – Z466778
			NL42N	Z305510 – Z466783
			NM92N	Z305853 – Z466785
			PM62N	Z305763 – Z466764
			SM92N	Z305863 – Z466748
			SN92N	Z305944 – Z466746
			VL52N	Z305639 – Z466782
			VN52N	Z306177 – Z454172
			WM72N	Z305789 – Z466757
			WN72N	Z305508 – Z466784

NOTE:

- Check Dealer Daily/TIS to confirm the VIN is involved in this LSC. This will verify the vehicle is affected and has not already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or were completed by another dealer.

III. PREPARATION

A. PARTS

Please be aware that only dealers in CT, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI, WV, or the District of Columbia will be allowed to order kits for the Corrosion-Preventative Compound.

The necessary kits can be ordered through the Complete Maintenance Care. They will be shipped directly from AMREP. Please refer to the table below and the Technical Instructions for part number information. Dealers should not order chemicals if they do not have any vehicles listed on their dealer reports, or until they have confirmed owner appointment. However, please keep in mind it will take at least 4 business days for kit delivery.

Part Number	Part Description	Quantity
00289-00KIT-DS	Corrosion-Preventative Compound Kit	1
The kit listed above includes the following parts: • NOX-RUST® 712AM = Internal Frame Application = Qty 2 Liters • NOX-RUST® X-128T = External Frame Application = Qty 3 Liters • These materials are intended for use at dealerships and body shops only. They are not for resale		

1. **When Ordering the Corrosion-Preventative Compound kit please note:**
- **Refer to the Appendix for the Material Safety Data Sheet (MSDS).**
- **The Corrosion-Preventative Compound Kit listed will be drop-shipped from AMREP, not your local PDC. Do not order more than your immediate needs, as these materials are non-returnable and non-refundable.**
- **Orders for this kit should be placed separately from orders of other drop ship chemicals.**

2. **When Storing the Corrosion-Preventative Compound kits please note:**
- **Please follow local, state and federal regulations for hazardous materials storage and disposal that are explained in the Regulated Waste Management Section of the Federal, State and Local Requirements Guide.**
- **Ensure that the materials are stored at room temperature (refer to the MSDS for detailed instructions).**

The plugs for the frame holes can be ordered through the dealer's facing PDC. Please refer to the table below for part number information. Dealers should not order parts if they do not have any vehicles listed on their dealer reports, or until they have confirmed owner appointment.

Part Number	Part Description	Quantity
90950-01539	Hole Plug	2

B. SUPPORT MATERIALS

Part Number	Part Description	Quantity
00411-08002	LSC 90D Laminated Flowchart (Included in each Service Manager Package)*	1
00411-09001	Corrosion-Preventative Compound Information Hang Tag (A quantity of 200 are included in each Service Manager Package)**	1

* Additional LSC 90D Laminated Flowcharts can be ordered through the MDC.

**Additional Corrosion-Preventative Compound Customer Information Hang Tags can be ordered in packages of 50 through the MDC.

C. STANDARD TOOLS & EQUIPMENT

- Standard hand tools
- Flat chisel
- Scraper
- Wire brush
- Air nozzle
- Thermometer
- Air coupler (quantity 2)

SPECIAL EQUIPMENT KIT*

The items below have been pre-packaged as a kit, and will be provided at no charge ONLY to dealers in the affected states who are involved in this activity and whose 90D Readiness Survey indicates all the necessary requirements have been met. This pre-packaged kit includes a 6 mm internal spray nozzle that will not be used at this time; please **DO NOT** discard it.

- Spray Gun with pressure regulator (quantity = 2) (Each spray gun is the same; please dedicate one for internal and the other for external frame application.)
- External spray nozzle (to be used on the outside of the frame)
- 8 mm internal spray nozzle (to be used on the inside of the frame)
- 6 mm internal spray nozzle (not used at this time; please **DO NOT** discard)

*Once the LSC 90D Readiness Survey (http://cleandealer.com**) indicates a dealership has met all the necessary requirements, a Special Equipment Kit will automatically be sent to that facility.

**Follow the LSC 90D Support link located in the left bottom corner of the webpage

D. MATERIALS & SUPPLIES

- Protective eyewear
- Dust mask
- NIOSH-approved respirator for organic vapors and mist control*** (Follow all Federal, state and local environmental, health and safety requirements such as OSHA. Please refer to the MSDS for details on each material.)
- Protective gloves
- Chemical Resistant Gloves (Viton, PVOH, etc.)
- Masking tape
- Fire-retardant poly sheeting (tarp) or covering (if you can not purchase from a local supplier, contact A Plus Environmental at 562-483-1060.)
- Plastic (Saran Wrap) sheet (for spray gun storage)
- 7ft rain gutters (quantity = 2)
- Rain gutter end caps (quantity = 4)
- Wire
- Partitions (The type, size and number of partitions used will depend on each dealer's facility.)
- Shop cloth/paper towels
- Bucket (quantity = 8)
- Funnel (quantity = 2)

Example of a NIOSH-approved respirator

***NOTE:**

- **The MSDS for both 712AM and X-128T located in the Appendix instruct applicators to use a "NIOSH-approved respirator for organic vapor and mist to control exposure where ventilation is inadequate."**
- **It is up to the individual dealership to ensure compliance with OSHA regulations.**
- **If you require further assistance in regards to NIOSH approved respirators, we have found 3M® to be a useful reference/source.**

3M® Technical Assistance:	**1-800-243-4630**
3M® Customer Service:	**1-800-328-1667**
3M® Web Site:	**www.3m.com/occsafety**

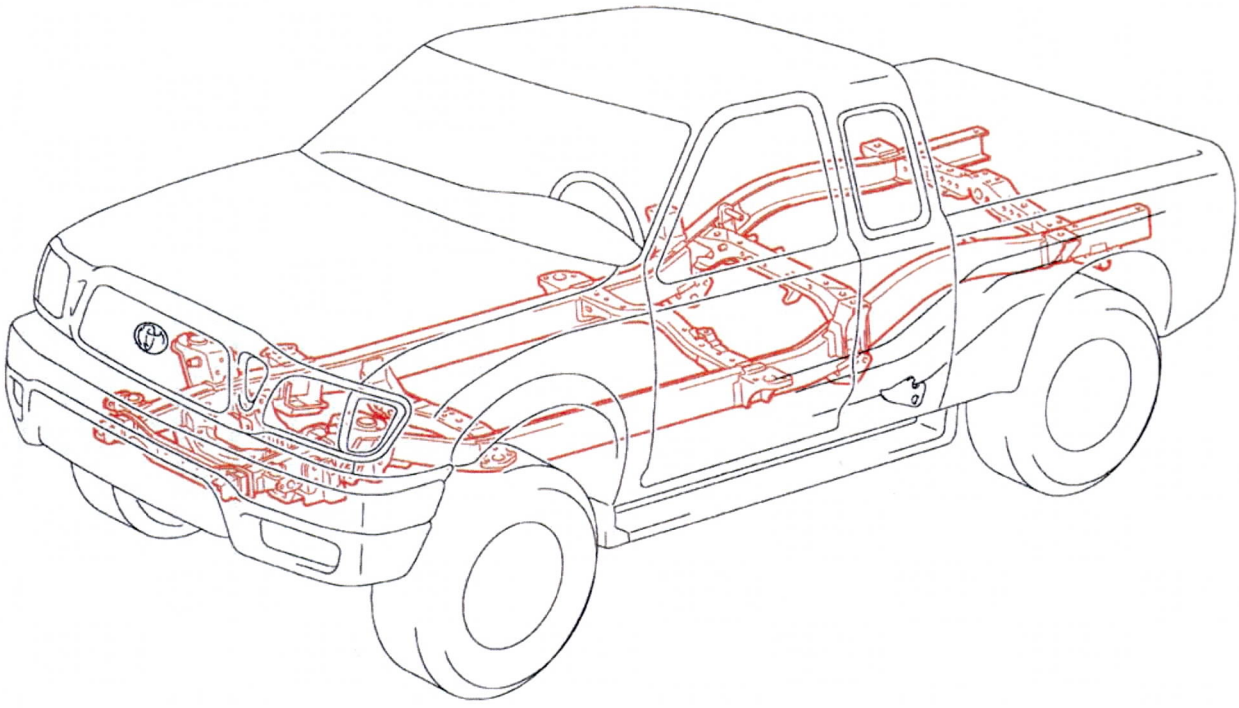
IV. BACKGROUND AND COMPONENTS

Toyota received reports that a small number of 2001 through 2004 model year Tacoma vehicles operated in severe cold climate areas with high road salt use exhibited excessive rust corrosion to the frame, causing perforation of the metal. Toyota investigated these reports and determined that the frames in this small number of vehicles may not have adequate corrosion-resistant protection for use in this environment. This combined with prolonged exposure to road salts and other environmental factors may contribute to the development of excessive rust corrosion in the frames of some vehicles. This condition is unrelated to and separate from normal surface rust which is commonly found on metallic surfaces after some years of usage and/or exposure to the environment.

- The Corrosion-Preventative Compound application process involves spraying the internal and external surfaces of the Tacoma's frame with a specialized protective sealant material. Please follow all instructions provided to the dealership in the Getting Started Guide and the Federal, State and Local Requirements Guide.

STOP

Important Reminder: Because of variations in State laws, dealerships conducting the LSC in certain States may require government approvals prior to starting the LSC. Depending upon the state, dealerships also may be subject to restrictions on the number of vehicles to which the LSC materials can be applied in any single day, week or month. Please refer to the Getting Started Guide and the Federal, State and Local Requirements Guide that accompany these Technical Instructions for important information about any such approvals or restrictions that may apply to your dealership. Your dealership must adhere strictly to these requirements.



V. VEHICLE INSPECTION WORK PROCEDURE

A. FRAME RUST CORROSION PERFORATION INSPECTION

Before raising the vehicle on an alignment rack (or lift), visually inspect the **entire** frame assembly (top, side and bottom surfaces of the frame rails) for visible signs of perforation.

- Visually inspect the frame assembly for rust/corrosion, and follow the steps provided.
- **CAUTION:** Use protective eyewear and gloves when performing the under vehicle inspection as rusted metal may flake off.

Is perforation present?

- NO → Perforation is NOT visible, and there is NO rust corrosion present on **any** portion of the frame.
- NO → Perforation is NOT visible, and rust corrosion is present on the frame.
- YES → Perforation is visible on the frame.

1. Raise the vehicle on an alignment (drive-on) rack.
2. Using a 12 to 16 oz. (340 to 450 gr.) hammer, strike the side (inboard and outboard) and bottom surfaces of the frame rails using a 10 – 12 inch swing with light to moderate force.
3. Repeat this process at points every 2" along the frame rails ensuring that the entire area especially within the circle shown below is checked.

Does perforation of the metal occur at **ANY** of the points checked?

- YES → Replace the frame.
- NO → Is the vehicle registered in *CT, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI, WV or the District of Columbia?*

- NO → Campaign completed, return the vehicle to the customer.
- YES → Remove the rust corrosion from the vehicle's frame.
- YES → Thoroughly clean the vehicle's frame.

- Spray the inside of the frame with NOX-RUST® 712AM.
- Then spray the outside of the frame with NOX-RUST® X-128T, and allow both sealants time to dry.

NOTE: Please reference the laminated flowchart for more details, and for pictures illustrating the frame's condition used in the judgment process.

VI. FRAME APPLICATION WORK PROCEDURE

Important Reminder: Because of variations in State laws, dealerships conducting the LSC in certain States may require government approvals prior to starting the LSC. Depending upon the state, dealerships also may be subject to restrictions on the number of vehicles to which the LSC materials can be applied in any single day, week or month. Please refer to the Getting Started Guide and the Federal, State and Local Requirements Guide that accompany these Technical Instructions for important information about any such approvals or restrictions that may apply to your dealership. Your dealership must adhere strictly to these requirements.

Due to the flash point of the NOX-RUST® materials, allow sufficient time for the vehicle (i.e., the exhaust system) to cool down before beginning the application process. By following the FRAME APPLICATION WORK PROCEDURE the vehicle will have additional time to cool before the NOX-RUST® is applied. Please refer to the MSDS for flash point temperatures.

A. WORK AREA SETUP (SUGGESTED)

1. INITIAL SETUP CONSIDERATIONS & GUIDELINES

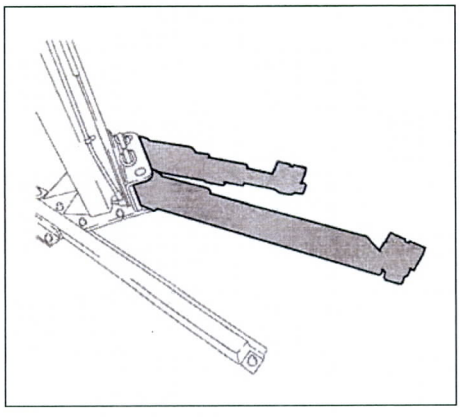
a) Work with your Service Manager to locate a dedicated work area and lift with the following requirements.

i. In well ventilated area.
ii. Away from other vehicles to minimize the possibility of overspray.
iii. In a location that can be sectioned off by partitions.
iv. In an area that provides sufficient distance from neighboring stalls*

Please note area set up may vary depending on dealership layout. The following information is just one example of how an area might be set up for frame Corrosion-Preventative Compound application. Be sure to work with your Service Manager when locating a dedicated work area. If more assistance is needed, please contact your regional representative.

*The X-128T has a vanilla scent added that may be noticeable by others working around the spray area. Toyota is currently working to remove the vanilla scent in the near future.

Important Reminder: Because of specific fire code requirements, make sure to review the Site Selection Section of the Dealer Information Packet to ensure that the area where you will conduct the LSC is compliant with the appropriate requirements.

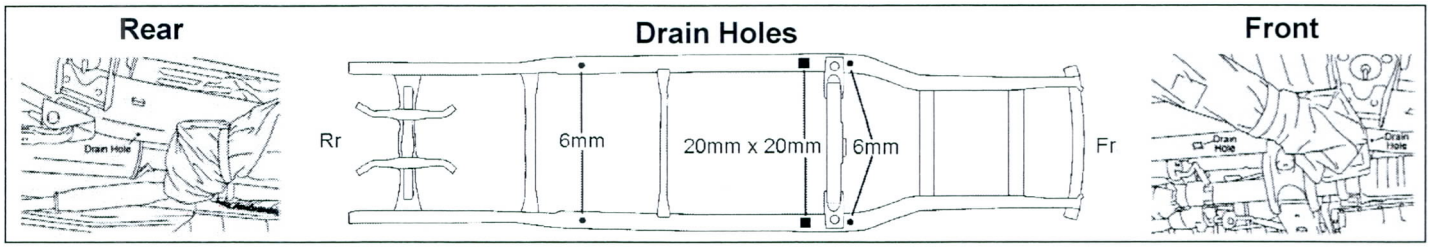


2. MASK THE LIFT SWING ARMS

a) Cover the lift swing arms with fire-retardant poly sheeting (tarp).
b) Secure the tarp with masking tape.

NOTE:

- **A two post lift swing arm is shown for reference purposes.**
- **Inspect the tarp on a daily basis for damage (cuts, tears, etc.) and replace as necessary.**
- **Dispose of old tarps in the same manner as other regulated waste at your dealership. Refer to the Dealer Information Packet for more info.**



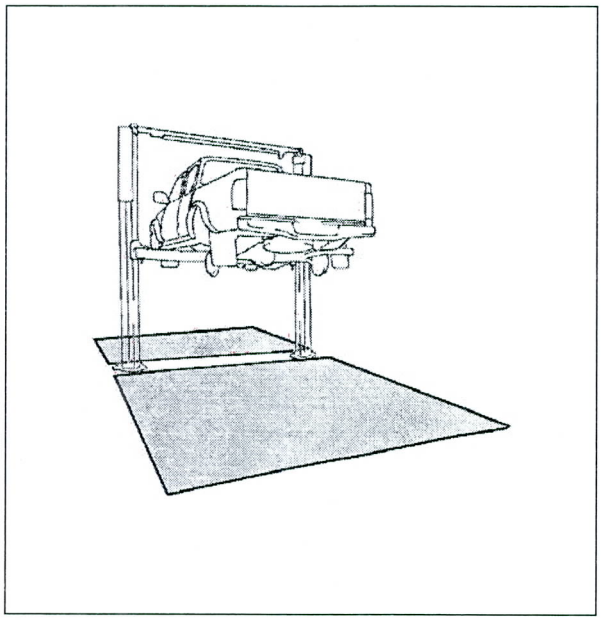
3. PREPARE THE VEHICLE

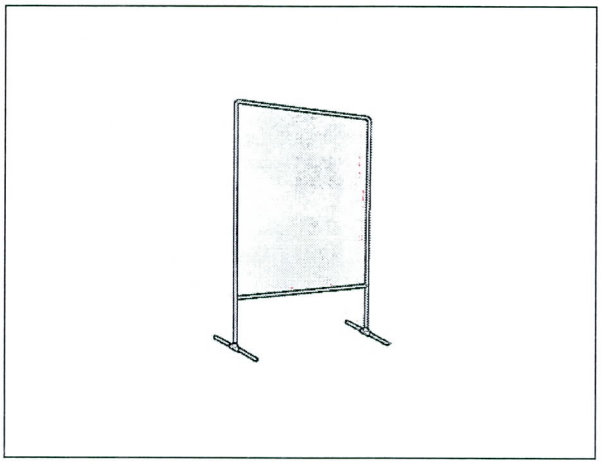
a) It may be necessary to pressure wash the vehicle's frame, depending on its cleanliness. **Please note that time has been allotted to pressure wash the frame in the flat rate time.**
b) Place the vehicle on the lift and raise it up.

NOTE:
DO NOT cover the frame's drain holes when positioning the swing arms (see illustration above).

c) Remove the rear wheels.
d) Remove the spare tire.
e) Remove the engine under cover.
f) Cover any identifying label (i.e., VIN label, etc.) on the frame with tape.
g) Cover the driveshaft(s) with fire-retardant poly sheeting (tarp) and secure with masking tape.

NOTE:
Overspray onto the driveshaft may cause vehicle vibration.





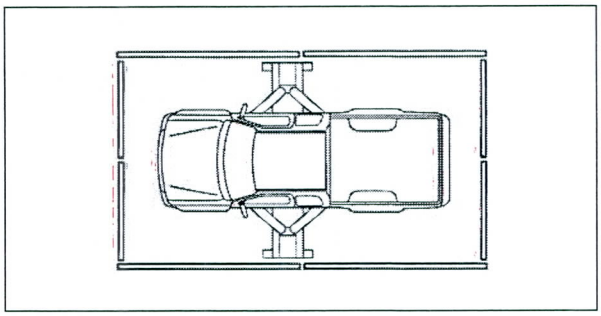
4. WORK AREA SETUP

a) Cover any exposed section(s) of the lift with fire-retardant poly sheeting (tarp), and secure with masking tape.
b) Place the tarp(s) beneath the vehicle as shown in the illustration to protect the floor.

NOTE:
- **When laying out the tarp on the floor, be sure it is secure and does not create a slipping hazard when walked upon.**
- **Inspect the tarp on a daily basis for damage (cuts, tears, etc.) and replace as necessary.**
- **Dispose of old tarps in the same manner as other regulated waste at your dealership. Refer to the Dealer Information Packet for more info.**
- **A two post lift swing arm is shown for reference purposes.**

c) Setup partitions according to the facility needs of your dealership.

NOTE:
- **The type, size and number of partitions used will depend on each dealer's facility.**
- **Partitions should minimize any overspray to nearby stalls, while ensuring adequate ventilation.**
- **Inspect the partition(s) on a daily basis for damage (cuts, tears, etc.) and repair/replace as necessary.**
- **Dispose of used partitions in the same manner as other regulated waste at your dealership. Refer to the Dealer Information Packet for more info.**

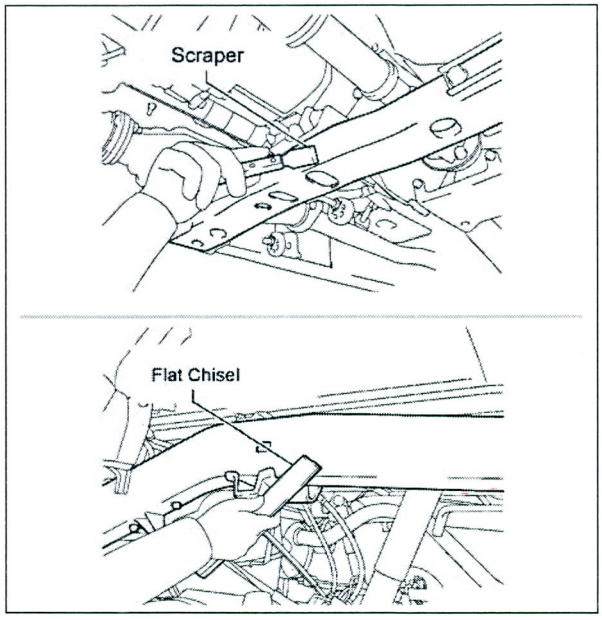


d) Position the partitions around the vehicle to prevent overspray, as shown in the illustration.

NOTE:

- **The partitions shown are just an example of what can be used.**
- **A two post swing arm lift is shown for reference purposes.**

B. RUST REMOVAL PROCESS



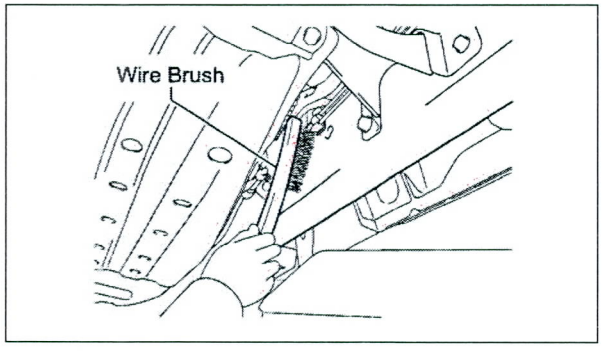
1. REMOVE THE FRAME RUST

a) Remove the rust from the frame using a scraper and/or flat chisel.

NOTE:

- **DO NOT scratch or remove the identifying labels (i.e., VIN label, etc.) from the frame.**
- **Make sure to wear protective eyewear, gloves and a dust mask when performing this step.**
- Please reference the laminated flowchart for pictures illustrating the frame's appearance before and after the rust removal process.

C. CLEANING THE FRAME

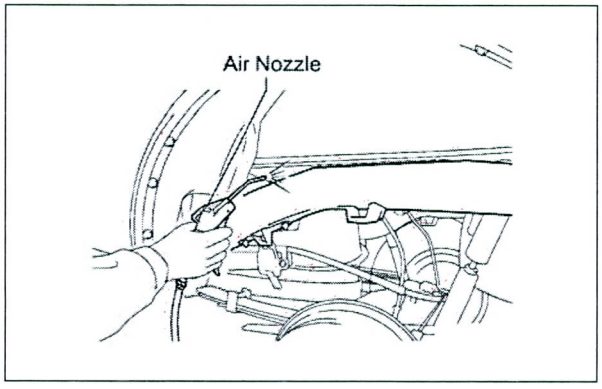


1. CLEANING THE FRAME

a) Using a wire brush, remove any debris and/or rust from the frame.

NOTE:

- **DO NOT scratch or remove the identifying labels (i.e., VIN label, etc.) from the frame.**
- **Make sure to wear protective eyewear, gloves and a dust mask when performing this step.**

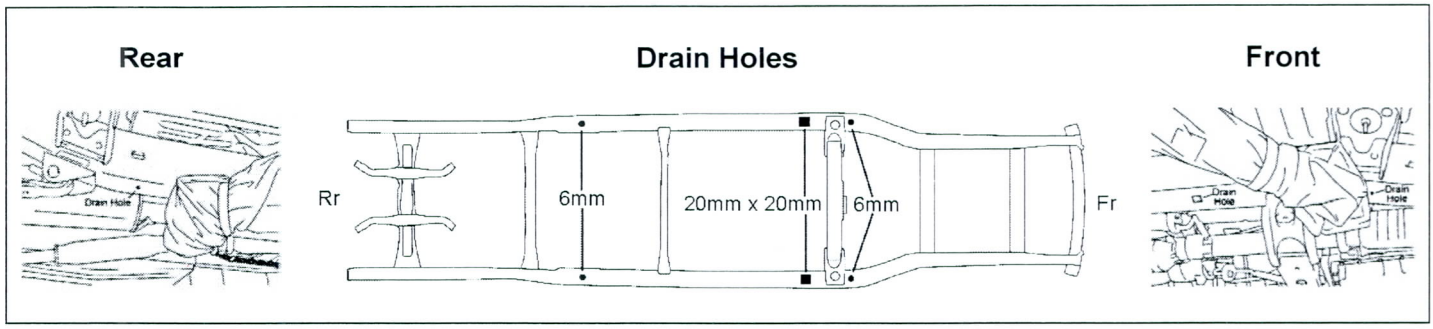


b) Using an air nozzle, remove any dirt, debris, rust flakes and water residue from the frame.

NOTE:

- **Make sure to wear protective eyewear when performing this step.**
- **A slightly wet frame surface is acceptable when applying the frame Corrosion-Preventative Compound.**

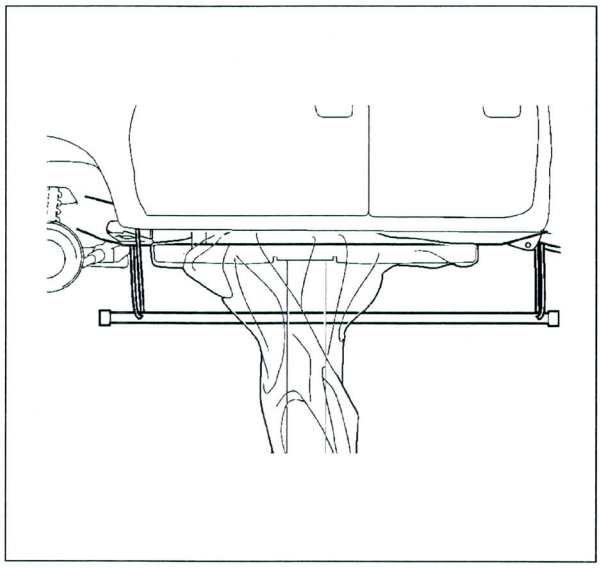
D. SPRAYING FRAME CORROSION-PREVENTATIVE COMPOUND



1. CLEAN OUT, THEN PLUG THE DRAIN HOLES

a) Using a pick or small screwdriver poke the 20 mm x 20 mm square opening and the two 6 mm drain holes located on the left and right sides of the frame to remove any dirt or debris that may be lodged in the holes.

b) Plug the 20 mm x 20 mm square opening and the two 6 mm drain holes located on the left and right sides of the frame with shop cloths/paper towels.



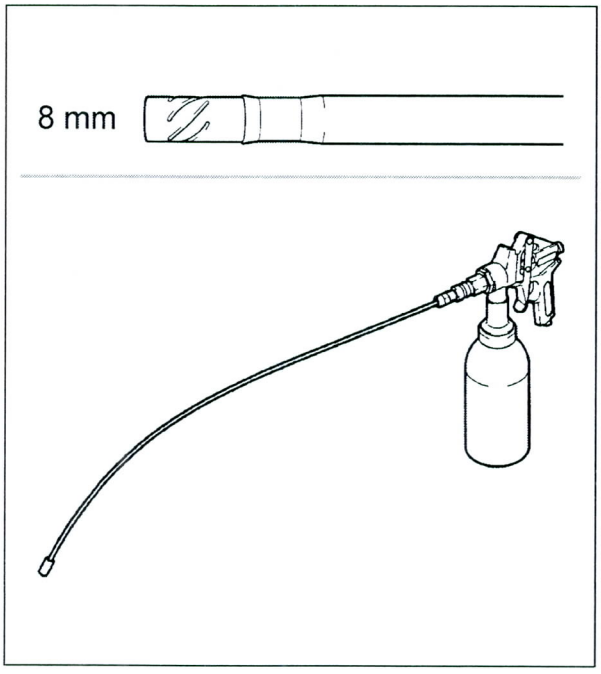
2. SETTING UP THE RAIN GUTTER (IF USED)

a) Using the rain gutters and 4 end caps, create two 7 ft assemblies that will catch the frame Corrosion-Preventative Compound as it drips from the frame rails.

b) Using wire, hang the 2 rain gutters beneath the drainage holes (3 per frame rail) on the left and right frame rails as shown in the illustration.

NOTE:

- **DO NOT hang the rain gutters from the frame.**
- **If rain gutters are not used, please place buckets under the drainage holes (3 per frame rail).**
- **Locate any other location(s) on the frame rails where dripping may occur. Place a bucket under these locations.**



3. SETTING UP THE SPRAY GUN FOR NOX-RUST® 712AM INTERNAL FRAME APPLICATION

NOTE:
Use a dedicated spray gun for the NOX-RUST® 712AM (712AM) internal frame application.

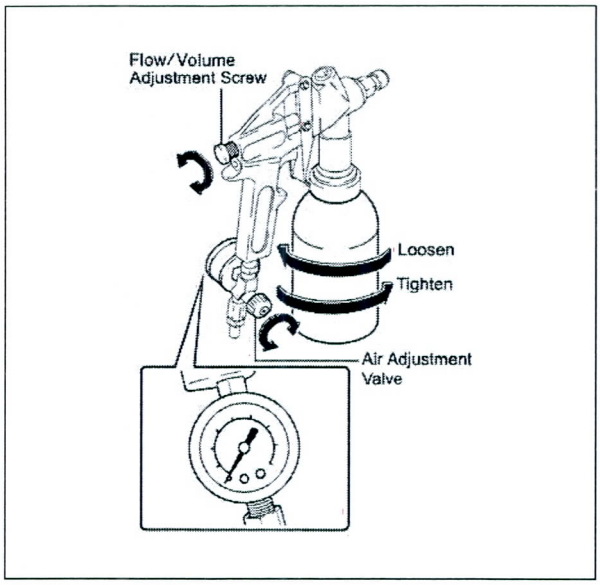
a) Check the temperature of the 712AM. If the 712AM is below 72° F, place the 712AM container in a bucket of hot water (<104° F) for 15 minutes and allow it to warm so the proper viscosity is achieved. ***Then shake the 712AM container well so that the contents are mixed thoroughly, as settling may occur as it sits.***

b) Fill the dedicated bottle with 712AM, and attach the spray gun.

c) Connect the spray gun to the air hose.

d) Connect the 8 mm spray nozzle, as shown in the illustration.

NOTE:
DO NOT use the 6 mm spray nozzle.

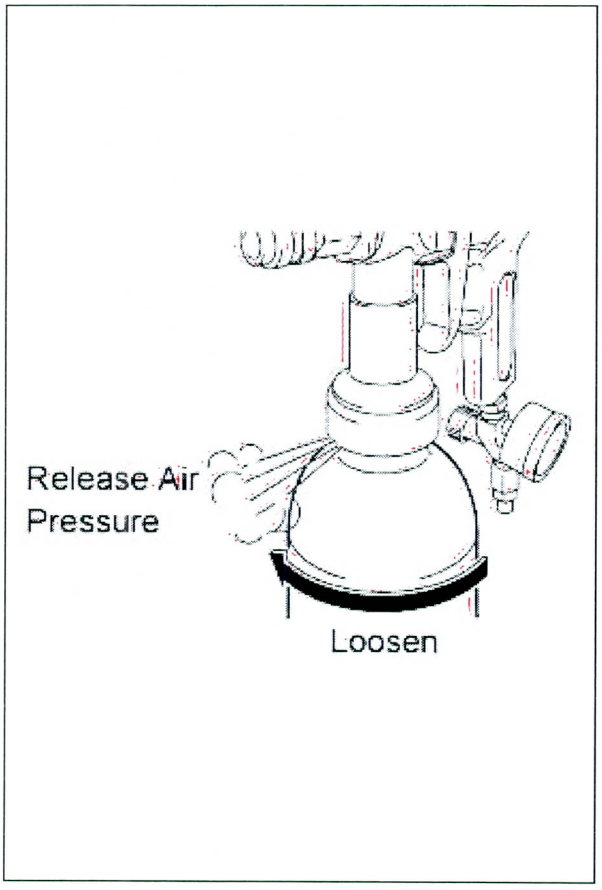


e) Adjust the spray gun nozzle flow/volume. Turn the adjustment screw to the fully closed position (clockwise). Then loosen the adjustment screw 4 complete turns.

f) Adjust the air pressure regulator. Place the nozzle in a clean empty box or pail and fully press the spray gun trigger, and adjust the air pressure to 72.5 psi. Recycle the amount sprayed out and use it during the application process.

NOTE:

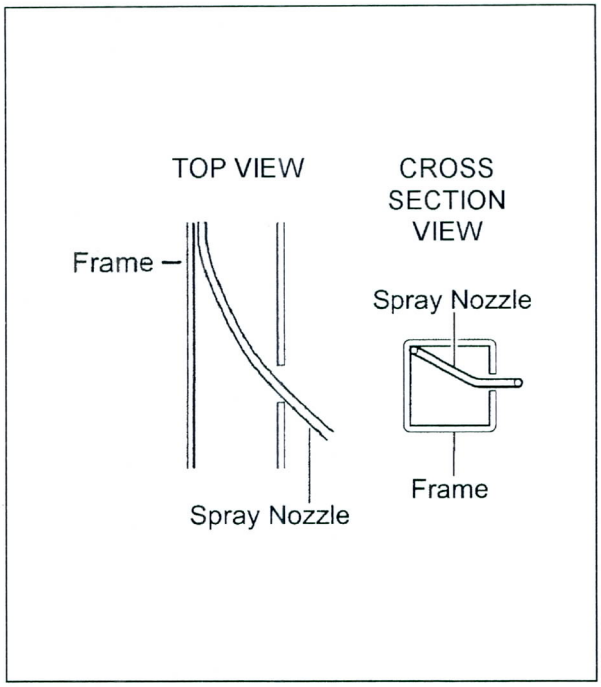
- **DO NOT bend the spray nozzle.**
- **Make sure to wear protective eyewear, impervious gloves (Viton, PVOH, etc.) and refer to the MSDS located in the Appendix when performing this step.**



g) During the 712AM internal frame application process it will be necessary to refill the spray gun after completing each frame rail. To do this, disconnect the air hose and slowly loosen the spray gun bottle until the internal air pressure is released out of the threads on the bottle's neck. Once the pressure has been released the bottle can be removed from the spray gun.

NOTE:

- **DO NOT remove the spray gun bottle until the pressure has been released.**
- **DO NOT pull the spray gun trigger when the pressure has not been released, as doing so will cause the 712AM to backflow out of the air inlet.**
- **Just prior to filling the spray gun bottle with the 712AM, thoroughly shake the one liter kit container(s).**
- **Each frame rail requires one liter of 712AM. Make sure to use the entire first liter on the first frame rail, and the entire second liter on the second rail.**
- **Make sure to pour and use all residual 712AM that may remain in the one liter kit containers.**



4. NOX-RUST® 712AM INTERNAL FRAME APPLICATION

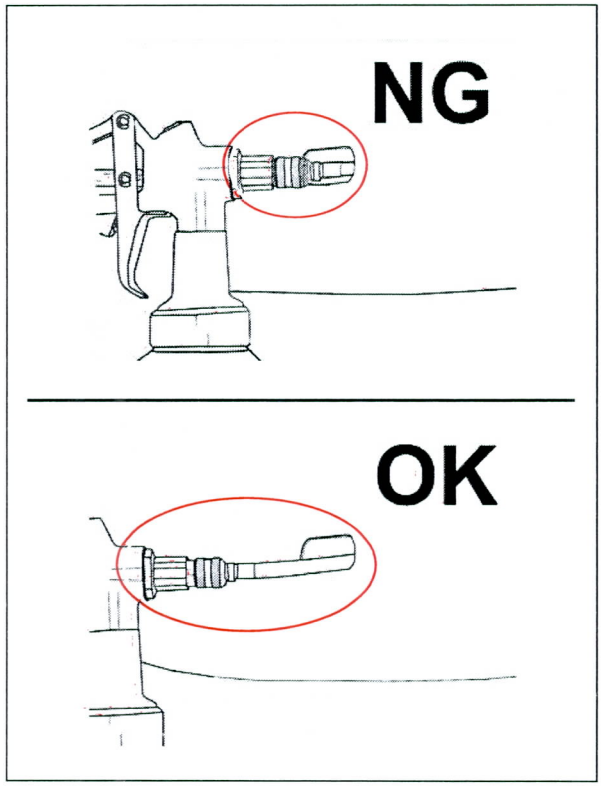
a) Insert the spray nozzle into the selected holes located throughout the frame. Begin at the front of the vehicle on the right frame rail. Reference the next two pages for the locations of each hole.

b) Insert the nozzle so it contacts the upper edge of the opposite side (see illustration), and push it in a specified distance as shown on the next two pages.

c) Start applying the 712AM inside the frame rail, and slowly pull the nozzle out at 0.3 to 0.5 m/sec (depending on location) while spraying. For 712AM internal frame insertion point & depth, and application speed, reference the next two pages.

NOTE:

- **DO NOT bend (i.e., kink) the spray nozzle.**
- **Make sure to wear protective eyewear, chemical resistant gloves (Viton, PVOH, etc.) and refer to the MSDS located in the Appendix when performing this step.**



NOTE:

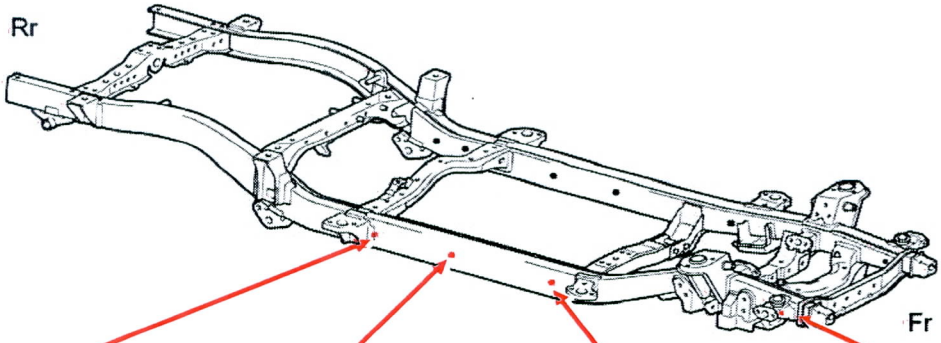
- **Make sure the quick coupler on the spray gun does not come into contact with the frame when applying the 712AM. Contacting the frame with the quick coupler may lead to a hose disconnection.**

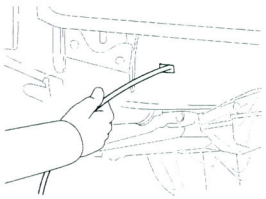
NOX-RUST® 712AM INTERNAL FRAME APPLICATION (CONTINUED...)

OUTBOARD FRAME RAIL NOZZLE INSERTION POINT & DEPTH, AND 712AM APPLICATION SPEED

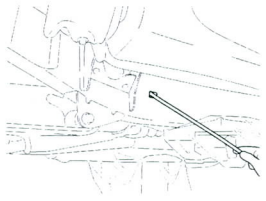
NOTE:

- Follow all MSDS guidelines for the 712AM which can be found in the Appendix.
- Only outboard rail nozzle insertion points are shown. See following page for inboard rail nozzle insertion points.
- Only one side is shown. Outside frame rail nozzle insertion points are the same on both sides.
- Make sure to repeat the 712AM application on the opposite frame rail so that both frame rails are sealed.
- Follow the application speed directions to apply the sealant to the inside of the frame rail.
- Make sure to wear protective eyewear, chemical resistant gloves (Viton, PVOH, etc.) and refer to the MSDS located in the Appendix when performing this procedure.
- The exact insertion point locations may vary depending on the cab configuration.
- Tape can be placed on the spray nozzle to reference correct insertion depth.

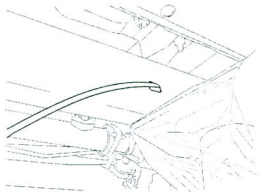




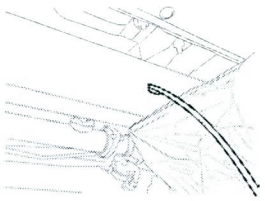
- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)



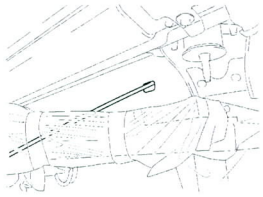
- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)



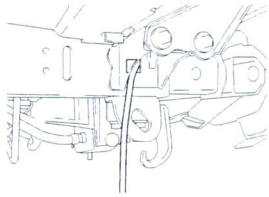
- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)



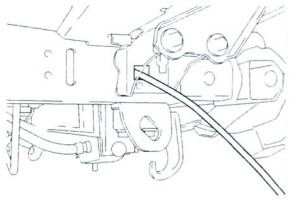
- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)



- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec)



- Insert nozzle 5 cm (2 in.) towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec)



- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec)

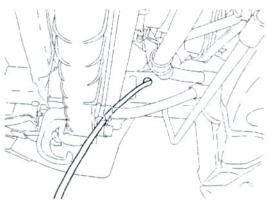
Note: m/sec = meters/second

NOX-RUST® 712AM INTERNAL FRAME APPLICATION (CONTINUED...)

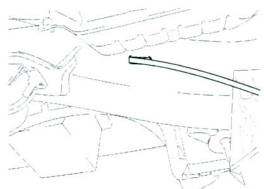
INBOARD FRAME RAIL NOZZLE INSERTION POINT & DEPTH, AND 712AM APPLICATION SPEED

NOTE:

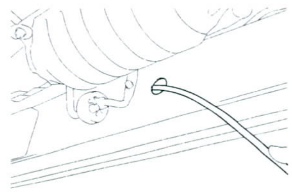
- Follow all MSDS guidelines for the 712AM which can be found in the Appendix.
- Only inboard rail nozzle insertion points are shown. See the previous page for the outboard rail insertion points.
- Only one side is shown. Inside frame rail nozzle insertion points are the same on both sides.
- Make sure to repeat the 712AM application on the opposite frame rail so that both frame rails are sealed.
- Follow the application speed directions to apply the sealant to the internal surface of the frame rail.
- Make sure to wear protective eyewear, chemical resistant gloves (Viton, PVOH, etc.) and refer to the MSDS located in the Appendix when performing this procedure.
- The exact insertion point locations may vary depending on the cab configuration.
- Tape can be placed on the spray nozzle to reference correct insertion depth.



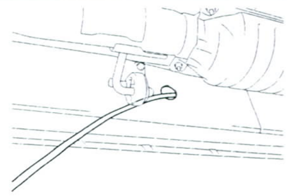
- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec) to seal internal surfaces



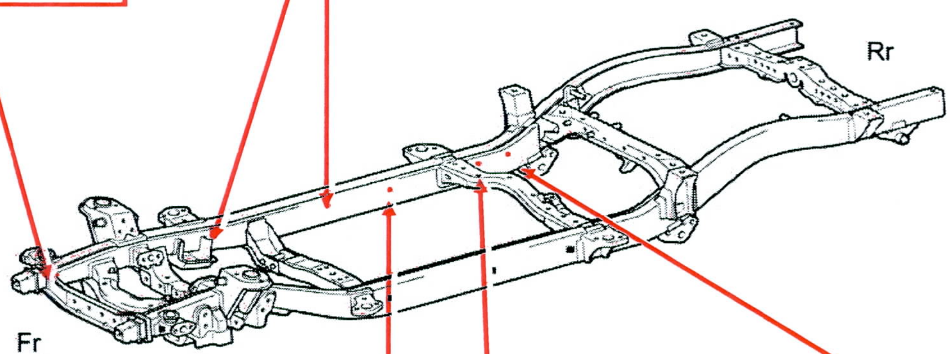
- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec)

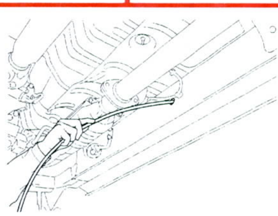


- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)

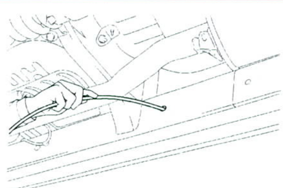


- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)

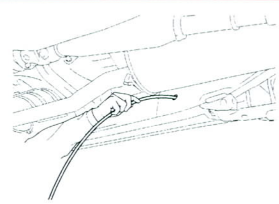




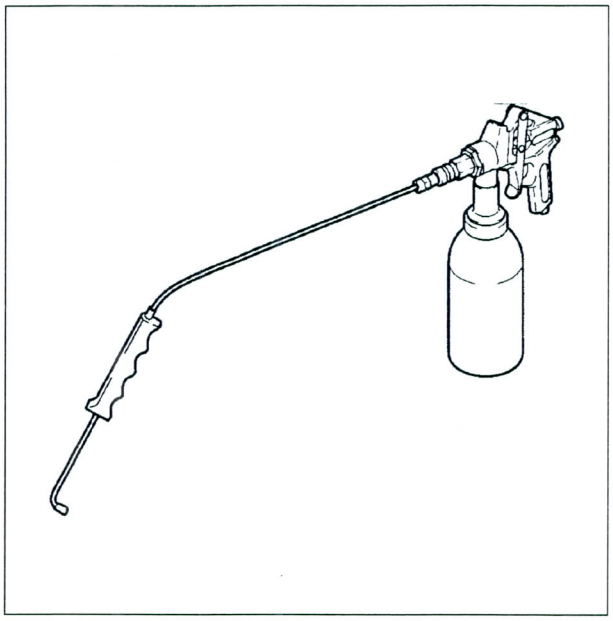
- Insert nozzle 5 cm (2 in.) into the frame.
- Apply the 712AM while turning the nozzle in a circular motion.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)

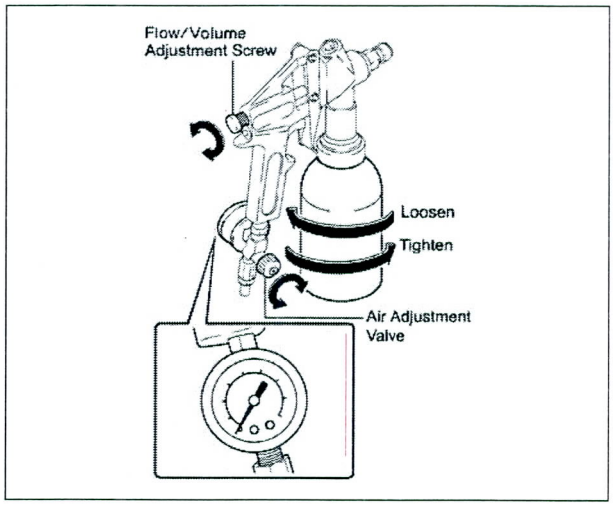


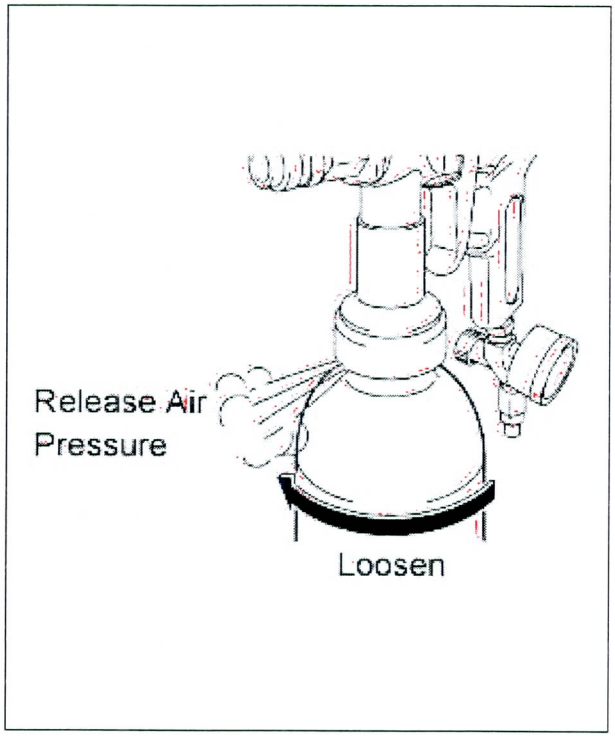
- Insert nozzle 5 cm (2 in.) into the frame.
- Apply the 712AM while turning the nozzle in a circular motion.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)



- Insert nozzle 5 cm (2 in.) into the frame.
- Apply the 712AM while turning the nozzle in a circular motion.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)
- This area may be very tight.







5. SETTING UP THE SPRAY GUN FOR NOX-RUST® X-128T EXTERNAL FRAME APPLICATION

NOTE:
Use a dedicated spray gun for the NOX-RUST® X-128T (X-128T) external frame application.

a) Check the temperature of the X-128T. If the X-128T is below 72° F, placethe X-128T container in a bucket of hot water (<104° F) for 15 minutes and allow it to warm so the proper viscosity is achieved. *Shake the X-128T container well so that the contents are mixed thoroughly, as settling may occur as it sits.*

b) Fill the dedicated bottle with NOX-RUST® X-128T, and attach the spray gun.

c) Connect the spray gun to the air hose.

d) Connect the external frame rail spray nozzle, as shown in the illustration.

e) Adjust the spray gun nozzle flow/volume. Turn the adjustment screw to the fully closed position (clockwise). Then loosen the screw 4 full turns.

f) Adjust the air pressure regulator. Place the nozzle in a clean empty box or pail and fully press the spray gun trigger, and adjust the air pressure to 50 psi. Recycle the amount sprayed out and use it during the application process.

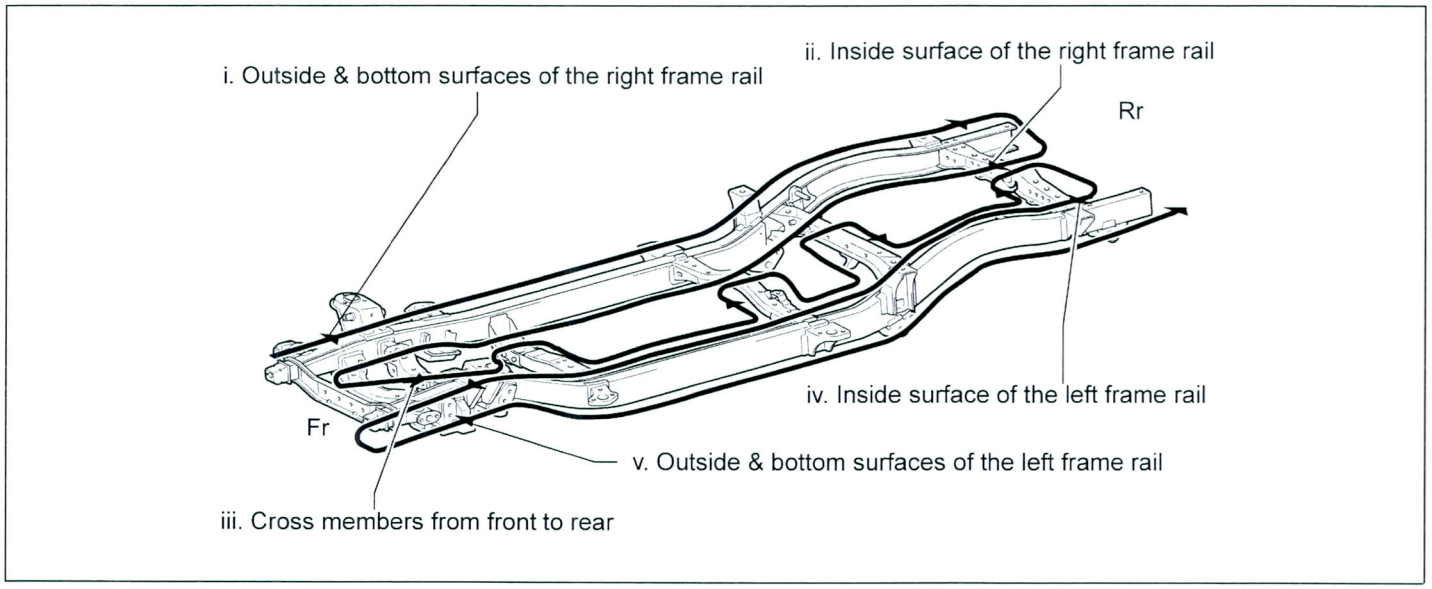
NOTE:

- **Make sure to wear protective eyewear, chemical resistant gloves (Viton, PVOH, etc.) and refer to the MSDS located in the Appendix when performing this step.**

g) During the X-128T external frame application process it will be necessary to refill the spray gun. To do this, disconnect the air hose and slowly loosen the spray gun bottle until the internal air pressure is released out of the threads on the bottle's neck. Once the pressure has been released the bottle can be removed from the spray gun.

NOTE:

- **DO NOT remove the spray gun bottle until the pressure has been released.**
- **DO NOT pull the spray gun trigger if the pressure has not been released, as doing so will cause the X-128T to backflow out of the air inlet.**
- **Just prior to filling the spray gun bottle with the X-128T, thoroughly shake the one liter kit containers.**
- **Apply all 3 liters of X-128T. If any X-128T is remaining it may be necessary to re-spray some sections of the frame.**
- **Make sure to pour and use any residual X-128T that may remain in the one liter kit container.**

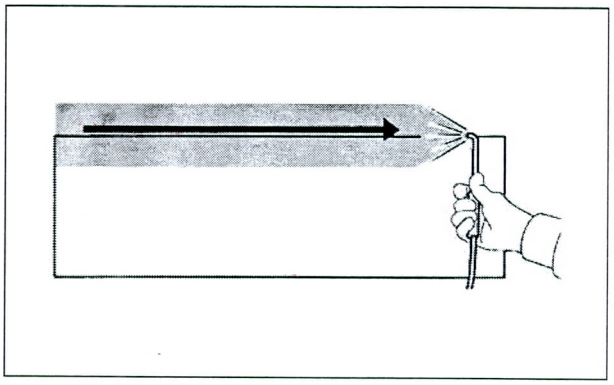


6. NOX-RUST® X-128T EXTERNAL FRAME APPLICATION

NOTE: Make sure to wear protective eyewear, chemical resistant gloves and refer to the MSDS located in the appendix when performing this procedure.

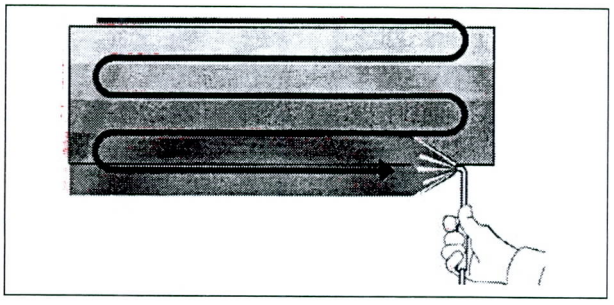
a) Using a shop cloth, wipe off any 712AM that may be on external frame surfaces. If this is not done the X-128T may have difficulty adhering to these areas.
b) Before beginning, please review the X-128T external frame application flow/order, as shown in the illustration above and as listed below. Follow the application speed directions to apply the sealant to the exterior of the frame rail.

i. Outside & bottom surfaces of the right frame rail (starting at the front of the vehicle)
ii. Inside surface of the right frame rail (starting with the rear of the vehicle)
iii. Cross members from front to rear (starting from the front of the vehicle)
iv. Inside surface of the left frame rail (starting with the rear of the vehicle)
v. Outside & bottom surfaces of the left frame rail (starting at the front of the vehicle)

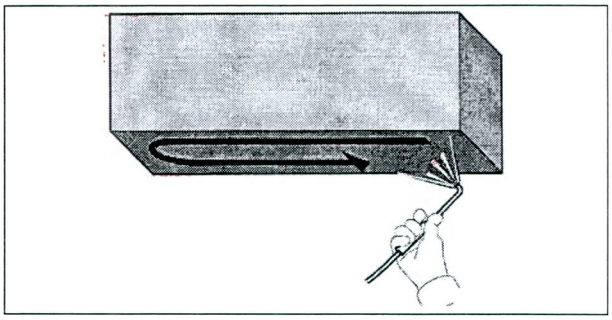


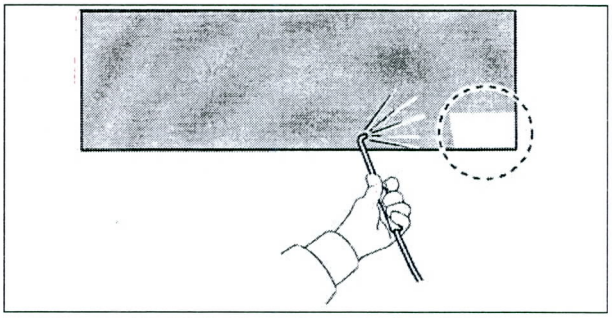
c) Start in the top left corner of the section you are spraying. Position the spray nozzle 20 to 25 cm (8 to 10 in.) away from the frame surface. Then apply the X-128T to the outside frame rail moving the nozzle at a constant speed of 0.1 m/sec (4 in/sec).

NOTE:
Make sure to wear protective eyewear, chemical resistant gloves (Viton, PVOH, etc.) and refer to the MSDS located in the Appendix when performing this step.



d) Without stopping, move down and reverse direction as shown in the illustration until the section is completed. Slightly overlap each pass by 1.3 cm (0.5 in.) so no gaps appear.



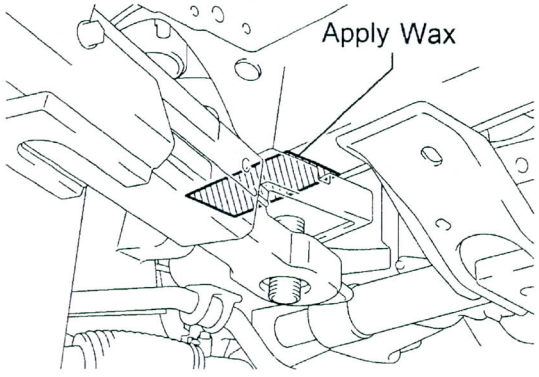


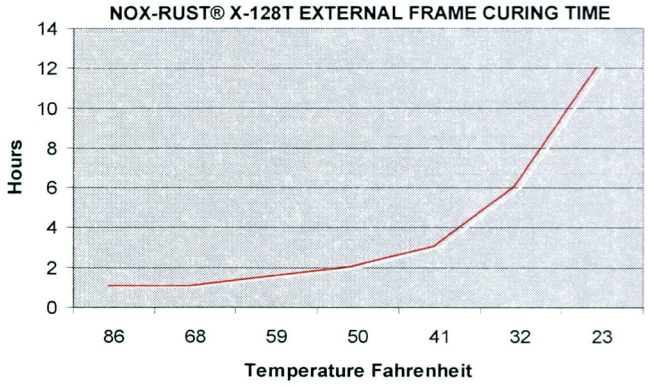
e) Once the outside surface of the frame rail section you are working on has been completed, without stopping, spray the bottom side as shown in the illustration.
f) Spray the remaining frame and cross member surfaces in the same manner.

g) After the entire frame has been completed, inspect and spray any areas that may have been missed.

NOTE:

- **Wipe off any X-128T overspray from the exhaust components.**





h) Unplug the 3 drain holes (20 mm x 20 mm & two 6 mm), allowing the 712AM to drip out of the frame and onto the rain gutter assembly (if used), bucket or other container.
i) Remove the tarp from the driveshaft.
j) Reinstall the engine under cover.
k) Reinstall the rear tires and torque to specification as outlined in the appropriate repair manual.
l) Reinstall the spare tire.
m) Remove the rain gutter assemblies (if used), bucket or other container.
n) Lower the vehicle to the ground.

o) Remove any rust from the area of the frame that was covered by the lift points. Clean this area and apply the X-128T.
p) Make sure that both liters of the 712AM and all 3 liters of the X-128T have been applied. If any remains it may be necessary to re-spray some sections of the frame.

NOTE:
Make sure to wear protective eyewear, chemical resistant gloves (Viton, PVOH, etc.) and refer to the MSDS located in the Appendix when performing this step.

q) Remove the tape covering the identifying labels (i.e.,VIN label, etc.) on the frame.
r) Allow the vehicle to cure for the specified time based on the ambient temp. (Refer to chart above).
s) After the vehicle has cured for the correct amount of time and before the customer picks up the vehicle, insert a plug (P/N 90950-01539) into each of the 20 mm x 20 mm hole.
t) Place a Corrosion-Preventative Compound Information Hang Tag on the rearview mirror.

7. STORING THE SPRAY GUN (Spray Guns do not require cleaning if they are properly stored)

a) Spray Gun Storage (when the spray guns are not in use follow the procedure outlined below)

- 712AM Internal Frame Application Spray Gun:
  - Remove the air hose from the spray gun.
  - Loosen the spray gun from the canister to release the air pressure. To minimize exposure to the air, once the air pressure is released retighten the spray gun to the canister.
  - Leave the spray nozzle on the spray gun and place the originally equipped nozzle cap on the tip.

- X-128T External Frame Application Spray Gun:
  - Remove the air hose from the spray gun.
  - Loosen the spray gun from the canister to release the air pressure. To minimize exposure to the air, once the air pressure is released retighten the spray gun to the canister.
  - Leave the spray nozzle on the spray gun and wrap the nozzle end in a plastic sheet. Fasten the plastic (Saran Wrap) sheet with a rubber band.

8. RECORD-KEEPING AND OTHER REQUIREMENTS

a) IMPORTANT: Most states have specific record-keeping requirements that apply to the LSC. Please refer to the Air Regulation, Air Recordkeeping Sections of the Federal, State and Local Requirements Guide for additional information and to make sure that your dealership can satisfy these legal requirements before starting the LSC.

b) Some states and/or localities impose additional requirements, such as fire code permitting obligations. Please refer to the Federal, State and Local Requirements Guide for additional information and to make sure that your dealership can satisfy these legal requirements before starting the LSC.

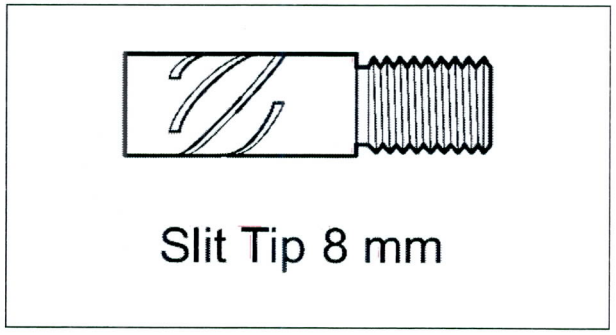
VII. APPENDIX

A. NOX-RUST® 712AM & NOX-RUST® X-128T DISPOSAL

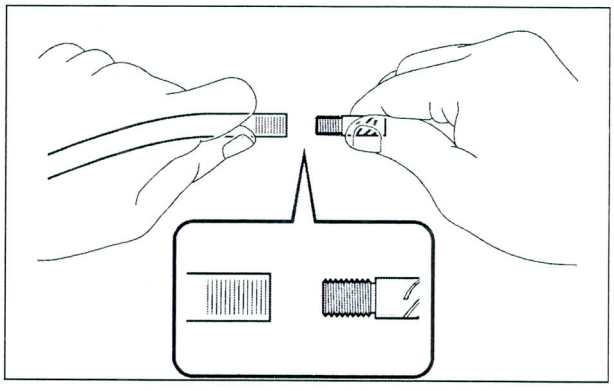
The NOX-RUST® 712AM & NOX-RUST® X-128T used in the application of the frame Corrosion-Preventative Compound as well as any materials, such as tarps with residue, must be disposed of in the same manner as other regulated hazardous waste at your dealership and in accordance with all applicable local, state, and federal regulations. Please refer to the Dealer Information Packet for additional information.

B. REPLACEMENT OF 712AM APPLICATOR NOZZLE

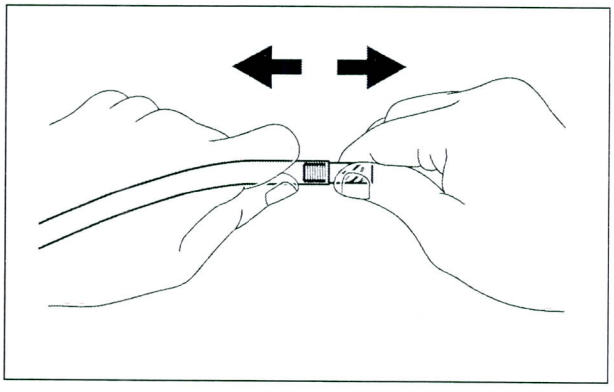
1. REMOVE AND INSTALL SLIT TIP



In the event the tip separates from the hose, follow these procedures for repair.

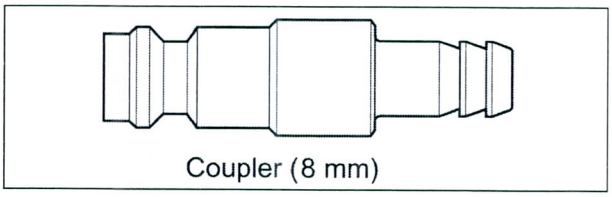


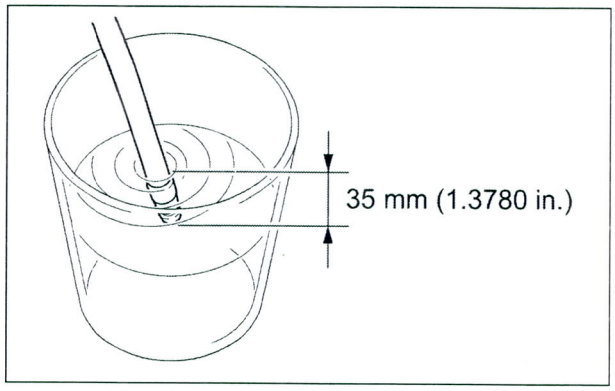
a) Twist and remove the slit tip from the nozzle hose.
b) Screw the slit tip onto a **NEW** nozzle hose at the slit tip connection



c) Holding both the slit tip and the nozzle hose pull to ensure the tip is securely attached.

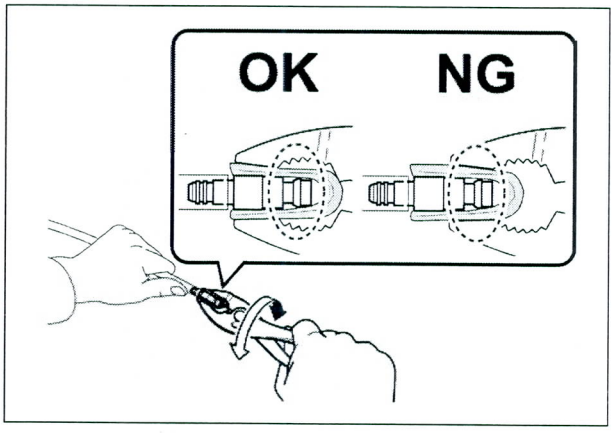
2. REMOVE AND INSTALL COUPLER (for 8mm)





a) Immerse the entire coupler in 70°C (158° F) or hotter water for 10 seconds. This will loosen the coupler and allow it to be removed more easily.

WARNING: Wear insulated gloves, as the water is hot.

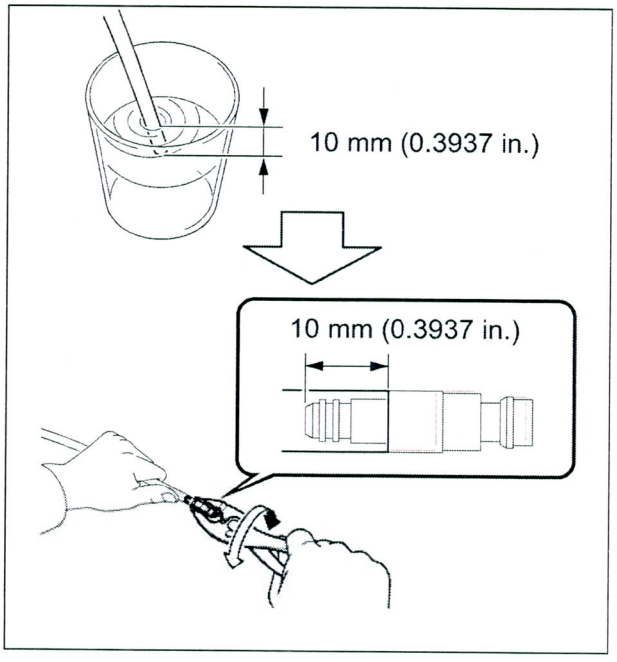


b) Immediately after removing the coupler from the hot water, twist and remove the coupler from the nozzle hose using pliers and a paper towel.

Note:

- **Place the paper towel between the pliers and the coupler to avoid damaging the coupler.**
- **Be careful to place the pliers so as to not damage the connection joint for the spray guns.**
- **The coupler and nozzle hose may be hot.**

c) Hold and remove coupler.



d) Immerse approximately 10mm (0.3937 in.) of the coupler connection (non-threaded) end on a NEW nozzle hose in 70°C (158°F) or above hot water for 10 seconds.

e) Immediately after removing the nozzle hose from the hot water, rotate and insert the coupler into the nozzle hose.

NOTE:

- **The coupler should be inserted all the way into the nozzle hose to ensure it will not detach.**
- **Re-immerse the nozzle hose into hot water if the nozzle hose cools and the coupler cannot be inserted.**
- **The coupler and nozzle hose may be hot.**

f) Once the nozzle hose has cooled to room temperature, hold both the coupler and nozzle hose and pull to ensure that the coupler does not detach.

C. MSDS SHEETS

MATERIAL SAFETY DATA SHEET

MANUFACTURED BY
PARKER INDUSTRIES

Nox-Rust® is a registered trademark of Daubert Chemical Company and is used pursuant to license.

DAUBERT CHEMICAL COMPANY
4700 SOUTH CENTRAL AVENUE
CHICAGO, ILLINOIS 60638
TELEPHONE: (708) 496-7350
FAX: (708) 496-7367

EMERGENCY CONTACT:
CHEMTREC (800) 424-9300

HMIS HAZARD RATING

HEALTH	1
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	B

Date of Review:
Date of Preparation: November 14, 2007

Revised: March 11, 2009
By: R. Lauterbach

SECTION 1: PRODUCT IDENTIFICATION

Product Name: **Nox-Rust® 712AM**
Chemical Family: Petroleum oil/additive blend
Material Usage: Corrosion Preventive Compound

EMERGENCY OVERVIEW: Petroleum oil-based product. When product burns it releases typical hydrocarbon products of combustion. Refer to Section 3 for health effects and to Section 5 for fire hazard data.

SECTION 2: HAZARDOUS INGREDIENTS

Component	Wt%	Recommended Exposure Limits (TWA)
Microcrystalline wax CAS #64742-42-3	5-10	ACGIH TLV: 2 mg/m^3 OSHA PEL: 2 mg/m^3
Petroleum distillates, solvent dewaxed heavy paraffinic CAS #64742-65-0	5-15	ACGIH TLV: 5 mg/m^3 OSHA PEL: 5 mg/m^3
Sulfonic acids, petroleum, Calcium salts, overbased CAS #68783-96-0	5-15	ACGIH TLV: 5 mg/m^3 (oil mist) OSHA PEL: 5 mg/m^3 (oil mist)
White mineral oil, petroleum CAS #8042-47-5	50-60	ACGIH TLV: 5 mg/m^3 (oil mist) OSHA PEL: 5 mg/m^3 (oil mist)
Bentonite, quaternary ammonium compound modified CAS# 68953-58-2	0.3-1.0	Not established

Soybean oil polymer with isophthalic acid and pentaerythritol CAS# 66071-86-1	0.4-4	Not established
Castor oil, dehydrated, polymerized CAS# 68038-02-8	5-15	Not established
Calcium Carbonate CAS #471-34-1	5-10	OSHA PEL: 5 mg/m^3 (respirable fraction) OSHA PEL: 15 mg/m^3 (total dust) ACGIH TLV: 10 mg/m^3 ([2] nuisance dust)

[2] This component poses a hazard only if a dust is formed, i.e., by sawing, sanding, drilling, etc.

SECTION 3: HEALTH HAZARD INFORMATION

Primary Routes of Entry: Skin absorption, eyes (splashing).
Acute Effects: May cause eye irritation and reversible skin irritation. Prolonged skin exposure may cause dermatitis or oil acne. Breathing mists may cause dizziness or pulmonary irritation.
Chronic Overexposure:
Carcinogenicity: None of the components of this product are listed as carcinogens by NTP, IARC, or OSHA 1910(Z).
Pre-Existing Medical Conditions Aggravated by Exposure: Exposure may aggravate pre-existing respiratory or skin problems.

SECTION 4: FIRST AID PROCEDURES

Inhalation (mist): Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration; if breathing is difficult, give oxygen.
Eyes: In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.
Skin: Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.
Ingestion: DO NOT INDUCE VOMITING. Consult a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point: >200°C (TCC)
Explosive Limits: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Small Fires: Dry chemical, CO_2, water spray, or regular foam. Large Fires: Water spray, fog, or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks. For massive fire in cargo area, use unmanned hose holder or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.
Special Firefighting Protection/Emergency Action: Fire may produce irritating or poisonous gases. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire. If runoff from fire control occurs, notify the appropriate authorities.
Unusual Fire/Explosion Hazards: Combustible material; may be ignited by flames. Container may explode in heat of fire.
Products of Combustion: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.

SECTION 6: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Steps to be taken in case Material is Released or Spilled: Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk.
Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.
Large Spills: Dike far ahead of liquid spill for later disposal.

SECTION 7: SAFE HANDLING INFORMATION

Precautions To Be Taken In Handling/Storage: Store in cool, well-ventilated area. Keep away from flames. Never use a torch to cut or weld on or near container.
Other Precautions: Never wear contaminated clothing. Launder or dry clean before wearing. Discard oil-soaked shoes. Wash thoroughly with soap and water (waterless hand cleaner may be helpful in removing residues) after use and before smoking or eating. Avoid excessive skin contact.

SECTION 8: EXPOSURE CONTROLS

Respiratory Protection: NIOSH-approved respirator for organic vapor and mist to control exposure where ventilation is inadequate.
Ventilation: General and local exhaust.
Personal Protective Equipment: Protective Gloves: Impervious gloves (Viton, PVOH, etc.) Eye Protection: Safety glasses with sideshields or chemical goggles. Other Protective Clothing or Equipment: If splashing is anticipated, wear rubber apron and boots or other protective equipment to minimize contact.

SECTION 9: REACTIVITY HAZARD DATA

Stability: Stable
Incompatibility: Strong acids, oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.
Hazardous Polymerization: Will not occur.

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Tan
Appearance:	Viscous Liquid
Odor:	Oil
Boiling Point (initial):	NA
Evaporation Rate (n-Butyl Acetate=1):	<<1
Vapor Pressure (mmHg @ 20°C):	3.4
Vapor Density (air=1):	NA
Solubility in Water:	Not Determined
Specific Gravity:	.9-1.0
pH:	Not Applicable
Percent Volatile by Volume:	0

SECTION 11: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with state, local and federal regulations. Materials may become a hazardous waste through use. If permitted, incineration may be practiced. Consider recycling solvent.

SECTION 12: REGULATORY INFORMATION

Volatile Organic Content: (EPA Method 24)
VOC per gallon: 0.165 lbs/gal

EPA Hazardous Waste Number(s) (40CFR Part 261): D001
EPA Hazard Category (40CFR Part 370): DELAYED (CHRONIC)

SARA TITLE III
This product contains the following TOXIC CHEMICALS subject to the *Reporting Requirements of Sec. 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and of 40CFR Part 372:*

CHEMICAL	CAS NO.	WT %
NONE		

This product contains the following EXTREMELY HAZARDOUS SUBSTANCE(S) subject to the *Emergency Planning Requirements under Sec. 301-303 (40CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:*

CHEMICAL	CAS NO.	WT %	RQ/TPQ Lbs
NONE			

(CERCLA LIST) This product contains the following HAZARDOUS SUBSTANCE(S) subject to *Emergency Release Notification Requirements under Sec. 304 (40 CFR Part 302):*

CHEMICAL	CAS NO.	WT %	Final RQ Lbs
NONE			

CALIFORNIA PROPOSITION 65
This product may contain trace quantities of the following chemicals that are identified by the State of California under the Safe Drinking Water and Toxic Reinforcement Act of 1986 ("Proposition 65") as either a carcinogenic or reproductive hazard:

CHEMICAL	CAS NO.	Estimated Concentration %
NONE		

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.

MATERIAL SAFETY DATA SHEET

DAUBERT CHEMICAL COMPANY

4700 SOUTH CENTRAL AVENUE
CHICAGO, ILLINOIS 60638
TELEPHONE: (708) 496-7350
FAX: (708) 496-7367

EMERGENCY CONTACT:
CHEMTREC (800) 424-9300

HMIS HAZARD RATING	
HEALTH	1
FIRE	2
REACTIVITY	0
PERSONAL PROTECTION	D

Date of Review:
Date of Preparation: August 1, 2008

Revised: December 4, 2008
By: M. Longo

SECTION 1: PRODUCT IDENTIFICATION

Product Name: **NOX-RUST® X128T**
Chemical Family: Petroleum Solvent/Additive Blend
Material Usage: Corrosion Preventive Compound

EMERGENCY OVERVIEW: Petroleum solvent-based product with solvent odor. Combustible liquid; when product burns it releases typical hydrocarbon products of combustion. Refer to Section 3 for health effects and to Section 5 for fire hazard data.

SECTION 2: HAZARDOUS INGREDIENTS

Component	Wt%	Recommended Exposure Limits (TWA)
Aliphatic Petroleum Solvent CAS #64742-88-7 and/or #64742-47-8 and/or #8052-41-3	40-50	OSHA PEL: 100 ppm ACGIH TLV: 100 ppm ACGIH STEL: 200 ppm
Petroleum Hydrocarbon (Petrolatum) CAS #8009-03-8	20-25	OSHA PEL: 2 mg/m^3 ACGIH TLV: 2 mg/m^3 (for fumes)
Petroleum Wax CAS #64742-42-3	6-10	OSHA PEL: Not Established ACGIH TLV: 2 mg/m^3(fumes)
[1]Calcium Carbonate CAS #1317-65-3 and/or CAS #471-34-1	2-4	OSHA PEL:5 mg/m^3(respirable fraction) OSHA PEL: 15 mg/m^3(total dust) ACGIH TLV:10 mg/m^3 ([2]nuisance dust)
[1]Carbon Black CAS #1333-86-4	<1	OSHA:PEL: 3.5 mg/m^3 ([2]nuisance dust) ACGIH TLV: None Established

[1]See Section 3.
[2]This component poses a hazard only if the liquid dries and a dust is formed.

SECTION 3: HEALTH HAZARD INFORMATION

Primary Routes of Entry: Inhalation, skin absorption.
Acute Effects: Excessive inhalation may produce dizziness, nausea, headache, and incoordination. May cause severe eye irritation and reversible skin irritation. Prolonged skin exposure may cause dermatitis or oil acne. Breathing mists may cause dizziness or pulmonary irritation.
Carcinogenicity: Calcium carbonate, the product itself, is not listed by NTP, IARC, or OSHA as a carcinogen. There are no reported health effects associated with prolonged exposure to pure calcium carbonate. This product contains variable quantities of crystalline silica (quartz), which is considered a hazard by inhalation. IARC has classified crystalline silica as probably carcinogenic for humans (2A). This classification is based on the findings of laboratory animal studies that were considered to provide sufficient evidence and data from human epidemiological studies that were considered to provide limited evidence for carcinogenicity. Crystalline silica is also a known cause of silicosis, a noncancerous lung disease. NTP and OSHA have not classified crystalline silica as a carcinogen.
Carbon black has been classified by IRAC as a Category 2B (known animal carcinogen, possible human carcinogen) material. This was based on the results of rat inhalation studies of carbon black, despite the lack of parallel evidence on humans or other animal species.
Pre-Existing Medical Conditions Aggravated by Exposure: Exposure may aggravate pre-existing respiratory or skin problems.

SECTION 4: FIRST AID PROCEDURES

Inhalation: Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration; if breathing is difficult, give oxygen.
Eyes: In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.
Skin: Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.
Ingestion: DO NOT INDUCE VOMITING. Consult a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point: 105°F. (TCC)
Explosive Limits: LEL: 0.6 UEL: 7.0

EXTINGUISHING MEDIA: Small Fires: Dry chemical, CO_2, water spray, or regular foam. Large Fires: Water spray, fog, or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks. For massive fire in cargo area, use unmanned hose holder or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.
Special Firefighting Protection/Emergency Action: Fire may produce irritating or poisonous gases. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire. If runoff from fire control occurs, notify the appropriate authorities.
Unusual Fire/Explosion Hazards: Flammable/combustible material; may be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Container may explode in heat of fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.
Products of Combustion: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.

SECTION 6: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Steps to be taken in case Material is Released or Spilled: Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk.
Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.
Large Spills: Dike far ahead of liquid spill for later disposal.

SECTION 7: SAFE HANDLING INFORMATION

Precautions To Be Taken In Handling/Storage: Store in cool, well-ventilated area. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors.
Other Precautions: Never wear contaminated clothing. Launder or dry clean before wearing. Discard oil-soaked shoes. Wash thoroughly with soap and water (waterless hand cleaner may be helpful in removing residues) after use and before smoking or eating. Avoid excessive skin contact.

SECTION 8: EXPOSURE CONTROLS

Respiratory Protection: NIOSH-approved respirator for organic vapor and mist to control exposure where ventilation is inadequate.
Ventilation: General and local exhaust.
Personal Protective Equipment: Protective Gloves: Impervious gloves (Viton, PVOH, etc.) Eye Protection: Safety glasses with sideshields or chemical goggles. Other Protective Clothing or Equipment: If splashing is anticipated, wear rubber apron and boots or other protective equipment to minimize contact.

SECTION 9: REACTIVITY HAZARD DATA

Stability: Stable
Incompatibility: Strong acids, oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.
Hazardous Polymerization: Will not occur.

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Black
Appearance:	Viscous Liquid
Odor:	Petroleum Solvent
Boiling Point (initial):	>300°F
Evaporation Rate (n-Butyl Acetate= 1) :	<1
Vapor Pressure (mmHg @ 20°C):	3.4
Vapor Density (air= 1) :	>1
Solubility in Water:	Negligible
Specific Gravity:	0.88
pH:	Not Applicable
Percent Volatile by Volume:	53

SECTION 11: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with state, local and federal regulations. Materials may become a hazardous waste through use. If permitted, incineration may be practiced. Consider recycling solvent.

SECTION 12: REGULATORY INFORMATION

Volatile Organic Content: (Calculated Values)

VOC per gallon:	3.5 lbs/gal
VOC per gallon minus exempt solvents and water:	3.5 lbs/gal
EPA Hazardous Waste Number(s) (40CFR Part 261):	D001
EPA Hazard Category (40CFR Part 370):	DELAYED (CHRONIC) FIRE HAZARD (COMBUSTIBLE)

SARA TITLE III

This product contains the following TOXIC CHEMICALS subject to the *Reporting Requirements of Sec. 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and of 40CFR Part 372:*

CHEMICAL	CAS NO.	WT %
NONE		

This product contains the following EXTREMELY HAZARDOUS SUBSTANCE(S) subject to the *Emergency Planning Requirements under Sec. 301-303 (40CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:*

CHEMICAL	CAS NO.	WT %	RQ/TPQ Lbs
NONE			

(CERCLA LIST) This product contains the following HAZARDOUS SUBSTANCE(S) subject to *Emergency Release Notification Requirements under Sec. 304 (40 CFR Part 302):*

CHEMICAL	CAS NO.	WT %	Final RQ Lbs
Aliphatic Petroleum Solvent	64742-88-7, 64742-47-8, 8052-41-3	40-50	100

CALIFORNIA PROPOSITION 65

This product may contain trace quantities of chemicals that are identified by the State of California under the Safe Drinking Water and Toxic Reinforcement Act of 1986 ("Proposition 65") as either a carcinogenic or reproductive hazard:

CHEMICAL	CAS NO.	Estimated Concentration %
Crystalline Silica *(Naturally occurring in mined calcium carbonate)*	14808-60-7	.03 max
Carbon Black *(Crystalline Silica and carbon black only present hazards as respirable particles of 10 microns or less. Both are bound in the coating and will not be released as respirable particles.)*	1333-86-4	<1

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.

2001 through 2004 Model Year Tacoma Frame Rust Perforation
Warranty Enhancement Notification

[VIN]

Dear Toyota Owner:

At Toyota, we are dedicated to providing vehicles of outstanding quality and value. As part of our continual efforts to meet your product expectations, Toyota will offer an extension to portions of your vehicle's (VIN noted above) New Vehicle Limited Warranty as it applies to your vehicle's frame.

What is the condition?

Toyota has received reports that a small number of 2001 through 2004 model year Tacomas operated in severe cold climate areas with high road salt use exhibited excessive rust to the frame, causing perforation of the metal. Toyota investigated these reports and determined that the frames in these vehicles may not have adequate corrosion-resistant protection for use in this environment. This combined with prolonged exposure to road salts and other environmental factors may contribute to the development of excessive rust in the frames of some vehicles. This condition is unrelated to and separate from normal surface rust which is commonly found on metallic surfaces after some years of usage and/or exposure to the environment.

What will Toyota do?

Although the vehicle's frame is covered by Toyota's New Vehicle Limited Warranty for 3 years or 36,000 miles (whichever comes first), we at Toyota care about your overall experience with and confidence in your vehicle. To assure you that we stand behind our product, we will extend the warranty coverage, to a total of fifteen years/unlimited mileage, on your vehicle's frame for this specific condition, subject to the terms and conditions of this Letter. Please see the "What Should I Do?" and "Warranty Enhancement Details" section of this letter for limitations and details.

What should I do?

If your vehicle is registered in the following states or the District of Columbia:

- CT, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI, WV

Toyota will inspect the condition of your vehicle's frame and apply a corrosion-resistant treatment. This treatment will enhance the corrosion protection of your Tacoma's frame against severe cold climate conditions and high road salt exposure. Any Toyota dealer located in the states listed above will be happy to conduct this inspection and treatment at **no charge** until ***10/31/2010***. Please note that completion of this service before the expiration date is a condition of maintaining the extended warranty if your vehicle is registered in one of these states.

Please contact the Toyota dealer and make an appointment to have your Tacoma's frame inspected and a corrosion-resistant treatment applied before ***10/31/2010***. Please present this Letter to the Toyota dealer at your appointment. The treatment may take one or two days. During the corrosion-resistant treatment process, your Toyota dealer will arrange for a complimentary loaner vehicle (upon proof of adequate insurance) for your use at no charge while the vehicle is being treated.

Because the extended warranty is for a total of fifteen years, it may be necessary to re-inspect and re-treat vehicles operated in areas where such prolonged exposure to road salts and other applicable environmental factors exist. Toyota will notify you if this is necessary.

If your vehicle is registered in the following states:

- AK, AL, AR, AZ, CA, CO, FL, GA, HI, IA, ID, KS, MT, LA, MO, MS, NC, ND, NE, NM, NV, OK, OR, SC, SD, TN, TX, UT, WA, WY and U.S. Territories

You do not need to do anything at this time. Please insert this Letter into your Toyota Owner's Manual Supplement or Owner's Warranty Information booklet or in the vehicle's glove box for future reference.

If you move to an area in which your vehicle may experience prolonged exposure to road salts and other environmental factors, please contact any Toyota dealer and make arrangements to have your vehicle inspected and, if appropriate, treated.

What if perforation of the vehicle's frame caused by rust exists on my vehicle?

If your Tacoma's frame is perforated by rust, contact any Toyota dealer and make arrangements to have your vehicle inspected. Please present this Letter to the Toyota dealer when you bring the vehicle in for your appointment.

After inspection and confirmation of the perforation condition, Toyota will repair the frame according to the perforation level and, if necessary, apply the corrosion-resistant treatment to prevent rust advancement.

Based upon the condition of your specific vehicle and replacement parts/frame availability, Toyota may determine to repurchase your vehicle rather than to repair it. If we decide to repurchase your vehicle, we will offer the following:

- Toyota will repurchase the vehicle ***at the lower*** of the original MSRP when the vehicle was first offered for sale by Toyota or the total amount of 1.5 times the Kelley Blue Book® Suggested Retail Value. If KBB valuation is used, the subject vehicle will be assessed, based on the actual mileage and zip code at the time of inspection, as a vehicle in excellent condition regardless of the vehicle's actual condition, subject to the terms and conditions set forth below. The offer will be based on the terms and conditions stated in the Warranty Enhancement Details. In the event of a repurchase, your Toyota dealer will arrange a complimentary loaner vehicle (upon proof of adequate insurance) for your use at no charge for up to 30 days.

Warranty Enhancement Details

The warranty extension is offered for a period of 15 years with no mileage limitations from the vehicle's in service date, for perforation of the vehicle's frame caused by rust, provided that you adhere to the terms and limitations specified in this letter.

This offer is limited to your specific vehicle whose Vehicle Identification Number (VIN) is printed in this letter and is subject to the same conditions set forth in the New Vehicle Limited Warranty section of your Owner's Manual Supplement or Owner's Warranty Information booklet, with the exception of the extended warranty coverage on the vehicle's frame. Eligibility notes: (1) Damage incurred from abuse, misuse, tampering, a crash, vandalism, flood-damage and/or other impact is not covered by this offer. (2) This offer does not apply to scrapped, salvaged, dismantled, flood-damaged, rebuilt or other branded/salvage title vehicles (excluding lemon law branded vehicles). (3) You must demonstrate that your vehicle is operable, has been operated regularly over the preceding twelve months and has a valid and current registration or you must demonstrate that you were unable to register the vehicle due to the perforation condition in order for this extended warranty coverage to be applied; (4) Vehicles with moderate, or more, accident damage must be driveable and, in any event, are not eligible for the full frame repair or repurchase consideration. (In these cases, any frame repair or repurchase consideration will take into account the cost to repair any accident damage as well as any insurance recovery); and (5) If your vehicle is registered in the states of CT, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, WI, WV, VA, VT or the District of Columbia a Toyota dealer must inspect and apply appropriate corrosion-resistant treatment to a vehicle with a non-perforated frame prior to October 31, 2010.

This program is intended for individual customer support and only applies to warranty work performed at an authorized Toyota dealership.

What if I have previously paid for the repair of the vehicle's frame for this specific condition as it applies to my 2001 through 2004 model year vehicle?

If you have previously paid for repair of the frame on your vehicle (VIN noted in this letter) for this specific condition before receiving this Letter, please contact Toyota at 1-888-270-9371.

If you no longer own this vehicle or would like to update your vehicle ownership/contact information, please go to www.toyota.com/ownersupdate. You will need your full 17-digit Vehicle Identification Number (VIN) to input the new information.

We have sent this notice in the interest of your continued satisfaction with our products, and we sincerely regret any inconvenience this condition may have caused you.

Thank you for driving a Toyota.

Sincerely,
TOYOTA MOTOR SALES, U.S.A., INC

LSC 90D

LSC 90D – 2001-2004 MODEL YEAR TACOMA FRAME PERFORATION INSPECTION AND OPERATION FLOWCHART

Before raising the vehicle on an alignment rack (or lift), visually inspect the **entire** frame assembly (top, side and bottom surfaces of the frame rails) for visible signs of perforation.

* Visually inspect the frame assembly for rust/corrosion, and follow the steps provided.

* **CAUTION:** Use protective eyewear and gloves when performing the under vehicle inspection as rusted metal may flake off.

Is perforation present?

NO

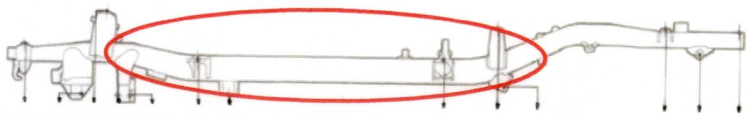
YES

Perforation is NOT visible, and there is NO rust corrosion present on **any** portion of the frame.

Perforation is NOT visible, and rust corrosion is present on the frame.

Perforation is visible on the frame.

1. Raise the vehicle on an alignment (drive-on) rack.
2. Using a 12 to 16 oz. (340 to 450 gr.) hammer, strike the side (inboard and outboard) and bottom surfaces of the frame rails using a 10 – 12 inch swing with light to moderate force.
3. Repeat this process at points every 2" along the frame rails ensuring that the entire area especially within the circle shown below is checked.



Does perforation of the metal occur at **ANY** of the points checked?

YES

NO

Is the vehicle registered in *CT, DC, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI, or WV?*

Campaign completed, return the vehicle to the customer.

YES

Remove the rust corrosion flakes, etc. from the vehicle's frame.

BEFORE

AFTER

YES

Thoroughly clean the vehicle's frame.

- First apply NOX-RUST® 712AM to the inside of the frame.
- Second apply NOX-RUST® X-128T to the outside surface of the frame. Allow time for the chemicals to dry.

Warning: Make sure the temperature of the vehicle components do not exceed the flashpoint of the chemicals. (See MSDS located in the appendix of the TI)

Replace the frame.

WORK PROCEDURE CHECKLIST

WORK AREA

- ☐ Did you inspect the fire resistant coverings on the lift's swing arms for damage (cuts, tears, etc.) and replace as needed?
- ☐ Did you inspect the fire resistant covering on the floor for damage (cuts, tears, etc.) and replace as needed?
- ☐ Did you make sure the fire resistant covering on the floor was secure and does not create a slipping hazard?
- ☐ Did you inspect the partition(s) for damage (cuts, tears, etc.) and replace/repair as needed?

SPRAY GUN STORAGE

- ☐ Did you remove the air hose from the spray gun?
- ☐ Did you loosen the spray gun from the canister to release the air pressure, and retighten the spray gun to the canister once the air pressure has been released.?
- ☐ Did you cap the 712AM nozzle with the originally equipped nozzle cap and wrap the X128T nozzle with a plastic sheet secured by a rubber band?

VEHICLE PREPARATION & FRAME CORROSION-RESISTANCE TREATMENT

- ☐ Did you check to make sure that the frame's drain holes are not covered by the lift's swing arms?
- ☐ Did you cover the identifying labels (i.e. VIN label, etc.) on the frame with tape?
- ☐ Did you plug the 20 mm x 20 mm square opening and the two 6 mm drain holes located on the left and right sides of the frame with shop cloths/paper towels?
- ☐ Did you wipe off any NOX-RUST® 712AM that may be on the external frame surfaces? If this is not done the X-128T may have difficulty adhering to these areas.
- ☐ Did you apply the NOX-RUST® X-128T external frame treatment to sections of the frame that were covered by the lift points?
- ☐ Did you remove the shop cloths/paper towels from the 20 mm x 20 mm square opening and the two 6 mm drain holes located on the left and right sides of the frame?
- ☐ Did you remove the tape covering the identifying labels (i.e. VIN label, etc.) on the frame?

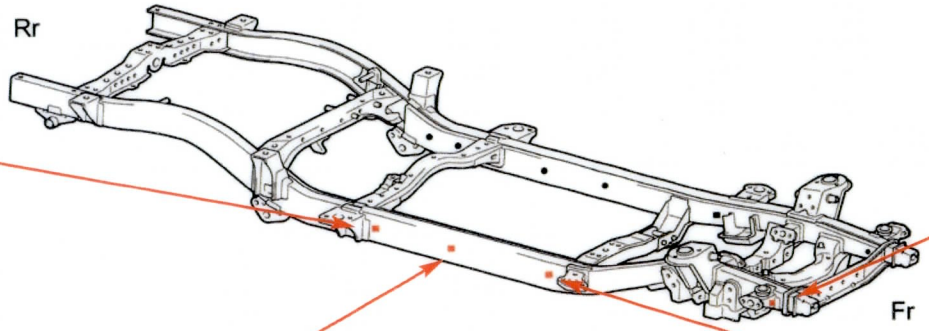
OUTSIDE FRAME RAIL NOZZLE INSERTION POINT & DEPTH, & NOX-RUST® 712AM INTERNAL FRAME APPLICATION SPEED

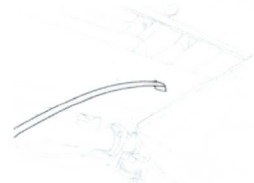
Important: When applying the 712AM corrosion preventive compound, adjust the spray gun air pressure to 72.5 psi.

- Follow all MSDS guidelines for the 712AM corrosion preventive compound (sealant) which can be found in the technical instructions (TI).
- Only the outside frame rail nozzle insertion points are shown, see below for inside frame rail nozzle insertion locations.
- The exact insertion point locations may vary depending on the cab configuration.
- Follow the application speed directions to apply the sealant inside of the frame rail.
- Make sure to wear protective eyewear, chemical resistant gloves and refer to the MSDS located in the appendix of the TI when performing this procedure.
- Only one side is shown. Outside frame rail nozzle locations are the same on both sides.
- Make sure to repeat the 712AM application on the opposite frame rail so that both frame rails are sealed.
- Tape can be placed on the spray nozzle to reference insertion depth.

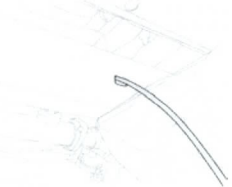
- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)

- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)



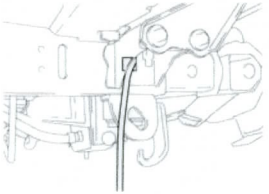


- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)

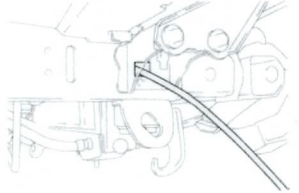


- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)

- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec)



- Insert nozzle 5 cm (2 in.) towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec)



- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec)

INSIDE FRAME RAIL NOZZLE INSERTION POINT & DEPTH, & NOX-RUST® 712AM INTERNAL FRAME APPLICATION SPEED

Important: When applying the 712AM corrosion preventive compound, maintain a spray gun air pressure of 72.5 psi.

- Follow all MSDS guidelines for the 712AM which can be found in the technical instructions.
- Only the inside frame rail nozzle insertion points are shown, see the previous section for outside frame rail nozzle insertion locations.
- The exact insertion point locations may vary depending on the cab configuration.
- Follow the application speed directions to apply the sealant inside of the frame rail.
- Only one side is shown. Inside frame rail nozzle locations are the same on both sides.
- Make sure to wear protective eyewear, chemical resistant gloves and refer to the MSDS located in the appendix of the TI when performing this procedure.
- Make sure to repeat the 712AM application on the opposite frame rail so both frame rails have sealant applied.
- Tape can be placed on the spray nozzle to reference insertion depth.

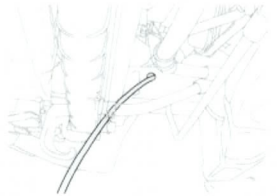
- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec) to seal internal surfaces.

- Insert nozzle as far as it will go towards the front of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)

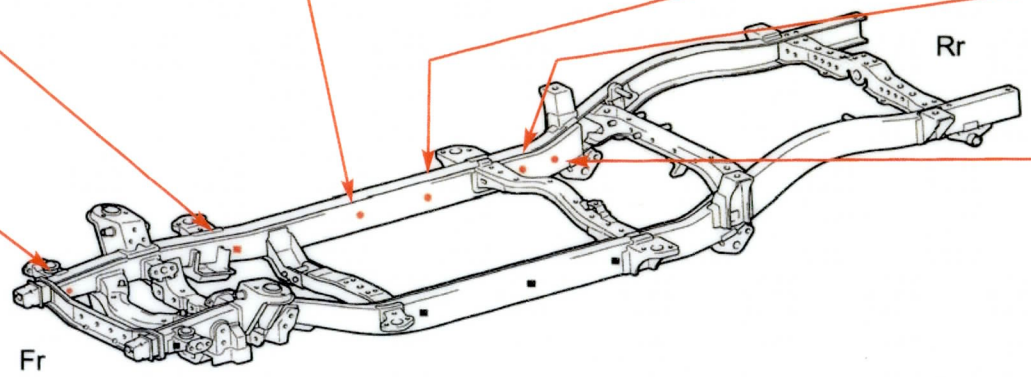
- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)

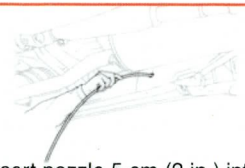
- Insert nozzle 5 cm (2 in.) into the frame.
- Apply the 712AM while turning the nozzle in a circular motion.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)

- Insert nozzle 5 cm (2 in.) into the frame.
- Apply the 712AM while turning the nozzle in a circular motion.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)



- Insert nozzle as far as it will go towards the rear of the frame.
- Slowly pull out the nozzle at an application speed of 0.5 m/sec (20 in/sec)





- Insert nozzle 5 cm (2 in.) into the frame.
- Apply the 712AM while turning the nozzle in a circular motion.
- Slowly pull out the nozzle at an application speed of 0.3 m/sec (12 in/sec)
- Please note this area maybe very tight.

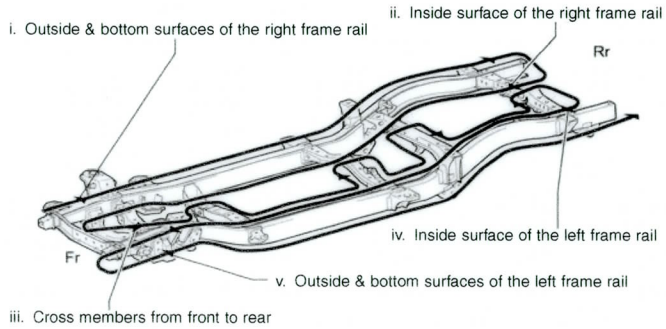
NOX-RUST® X-128T EXTERNAL FRAME APPLICATION SPEED

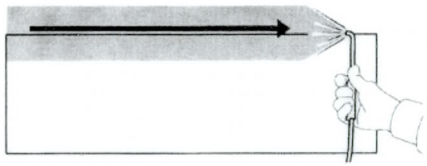
Important: When applying the X128T corrosion preventive compound, <u>adjust the spray gun air pressure to 50 psi</u> and maintain this pressure when applying.

Make sure to wear protective eyewear, chemical resistant gloves and refer to the MSDS located in the appendix of the TI when performing this procedure.

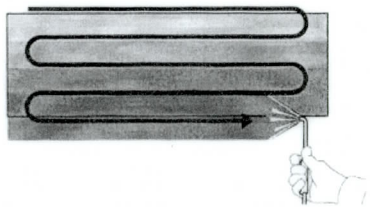
Before beginning, please review the flow/order of the applications of the X-128T corrosion preventive compound (sealant) to the external frame, as shown in the illustration and as listed below. Follow the application speed directions to apply the sealant to the exterior of the frame rail.

i. Outside & bottom surfaces of the right frame rail (starting at the front of the vehicle)
ii. Inside surface of the right frame rail (starting with the rear of the vehicle)
iii. Cross members from front to rear (starting from the front of the vehicle)
iv. Inside surface of the left frame rail (starting with the rear of the vehicle)
v. Outside & bottom surfaces of the left frame rail (starting at the front of the vehicle)

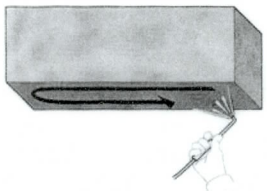




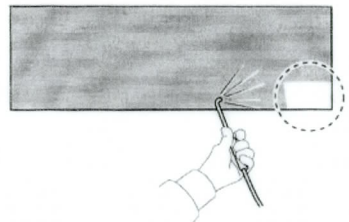
1. Starting in the top left corner of the section you are spraying, position the spray nozzle 20 to 25 cm (8 to 10 in.) away from the frame surface.
2. Apply the X-128T to the outside frame rail at a constant speed of 0.1 m/sec (4 in/sec).



3. Without stopping, move down, reverse direction as shown in the illustration until the section is completed. Slightly overlap each pass by 0.5 in. so no gaps appear.



4. Once the outside surface of the frame rail section you are working on has been completed, without stopping, spray the bottom side as shown.
5. Spray the remaining frame and cross member surfaces in the same manner.



6. After the entire frame has been sealed, inspect and spray any areas that may have been missed.

NOTE: After the vehicle has been removed from the lift, clean and spray the lift points.

Corrosion-Resistant Treatment

Dear Toyota Customer:

We appreciate your time and patience while we applied the Corrosion-Resistant Treatment to your Tacoma's frame. We apologize for any inconvenience you may have experienced.

The Corrosion-Resistant Treatment has been applied to both the internal and external surfaces of your vehicle's frame. Please note the following:

External Surface Corrosion-Resistant Treatment

The temperature of the frame will affect the drying time. Please do not touch the external surfaces of the frame as the treated surfaces may remain tacky to the touch for a period of time. You may also note a petroleum product based odor, therefore, you may wish to park your vehicle outside for two or three days.

Internal Surface Corrosion-Resistant Treatment

The internal surface treatment consists of mainly paraffin wax. You may notice a small amount of whitish-colored droplets from the internal application.
If dripping occurs on concrete:

1. Wipe up the spot as soon as possible with a paper towel.
2. Apply Simple Green® to any remaining wax.
3. Agitate the wax spot with a stiff scrub brush.
4. Wipe up the Simple Green®.
5. If the spot is still visible after 24 hours, repeat steps 1-4.

Some spots may require multiple treatments to no longer be visible.

Wash your hands immediately if you come into direct contact with either treatment material.

Thank you for driving a Toyota.

TOYOTA MOTOR SALES, U.S.A., INC.

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TOYOTA

TO: VERMONT TOYOTA DEALER PRINCIPALS, SERVICE MANAGERS AND PARTS MANAGERS

DATE: 2009

RE: Information Packet for LSC 90D

LSC 90D - LIMITED SERVICE CAMPAIGN FOR 2001 - 2004 MODEL YEAR TACOMAS

VERMONT DEALER INFORMATION PACKET

In December 2008, Toyota announced a Customer Support Program (CSP) for certain '01-'04 Model Year (MY) Tacomas. In conjunction with the CSP, a Limited Service Campaign (LSC) 90D is being launched to apply anti-corrosion (protective sealant) materials to vehicles registered in the Severe Cold Climate States.

This Packet contains information to help you prepare to apply these materials to affected Tacomas. The LSC anti-corrosion materials contain Volatile Organic Compounds (VOCs) and other substances that are subject to federal, state and/or local laws related to ***air emissions, fire code approval, waste generation and recordkeeping***. Your dealership will be able to ***comply with these laws without significant burdens on your business*** as long as you follow the steps discussed in this Packet; therefore, please review this entire Information Packet with your service and parts staff ***BEFORE*** you begin conducting the LSC.

This Packet consists of three parts, contained in two bound booklets:

1. *"GETTING STARTED GUIDE"*: ***GETS YOU STARTED BY REVIEWING THE STEPS YOUR DEALERSHIP SHOULD TAKE TO SELECT AN APPROPRIATE SPRAYING SPACE AND COMPLY WITH FEDERAL, STATE AND LOCAL LAWS.***

2. *"FEDERAL, STATE AND LOCAL REQUIREMENTS GUIDE"*: ***REVIEWS IN MORE DETAIL RELEVANT FEDERAL, STATE AND LOCAL LAWS. ALSO PROVIDES COMPLIANCE TOOLS.***

3. *"TECHNICAL INSTRUCTIONS"*: ***CONTAINS DETAILED TECHNICAL INSTRUCTIONS THAT YOU SHOULD FOLLOW AT ALL TIMES.***

Assumptions for this Packet: Your dealership will conduct the LSC in the vehicle service area. If this assumption is incorrect, or if you need more information or support, please **go to the C.L.E.A.N. Dealer website at http://cleandealer.com and select the LSC-90D link. You may also call the C.L.E.A.N. Dealer EH&S Hotline at (877) 572-4347.**

IMPORTANT – PLEASE READ

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HOW TO IMPLEMENT THE LSC

Step 1: ***Select an Appropriate Spraying Space -*** *To ensure that the LSC is conducted in compliance with all applicable regulatory requirements, you need to select an LSC work area that meets certain minimum requirements. You should have already selected such a space at your dealership in discussions with your Regional Representative. Go to the Site Selection Section for more information.*

Step 2: ***Confirm That You Can Conduct the LSC and Stay Exempt from Air Permitting Requirements -*** *The Vermont Department of Environmental Conservation (VTDEC) has confirmed that the LSC is not subject to permitting requirements* ***as long as it is conducted at Toyota's Vermont dealerships.***

Note: Your dealership will also be required to keep actual emissions of VOCs below 5 tons per year (tpy) (See the Air Regulations Section for details).

Can you conduct the LSC at your dealership?

NO → **Please go to C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).**

YES

Step 3: ***Contact Your Local Fire Official To Obtain A Fire Code Permit (Or Confirm That You Do Not Need One) And Confirm Your Compliance With Building And Zoning Code Requirements.*** See Fire, Building and Zoning Codes Section of **Federal, State and Local Requirements Guide** for compliance and contact information.

AFTER COMPLETING STEPS 1, 2 & 3 *YOU CAN START APPLYING LSC MATERIALS*

But, you must complete the **LSC 90D Readiness Survey (to receive the spray equipment)**, and follow the **Technical Instructions** and Step 4 below.

COMPLETE THE LSC 90D READINESS SURVEY

Please complete the **LSC 90D Readiness Survey** available at the C.L.E.A.N. Dealer website (http://cleandealer.com) to confirm your readiness to start the LSC. ***Toyota will automatically ship the LSC Spray Guns*** to you at no charge once the survey reflects that you have completed all LSC preparation steps.

Step 4: ***Keep Air Permitting Exemption Records.***

Use forms in Air Recordkeeping Section of **Federal, State and Local Requirements Guide**.

IMPORTANT – PLEASE READ

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LSC 90D - LIMITED SERVICE CAMPAIGN FOR 2001 - 2004 MODEL YEAR TACOMAS

VERMONT DEALER INFORMATION PACKET

GETTING STARTED GUIDE

Where Will You Conduct The LSC? *This Guide assumes your dealership will conduct the Limited Service Campaign (LSC) in an existing area at your dealership,* ***which you have already identified****.*

If this assumption is incorrect, or if you plan to conduct the LSC in another area or state, please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).

PLEASE READ THIS GUIDE CAREFULLY SO THAT YOU UNDERSTAND THE STEPS YOUR DEALERSHIP SHOULD TAKE TO COMPLY WITH THE APPLICABLE LEGAL REQUIREMENTS:

- **BEFORE** beginning the LSC (see **Steps 1, 2 and 3** below); and
- **WHILE** conducting the LSC (see **Step 4** below).

STEP 1 – BEFORE YOU CAN BEGIN APPLYING LSC MATERIALS, AN APPROPRIATE SPRAYING SPACE MUST HAVE BEEN SELECTED

To ensure that the LSC is conducted in compliance with all applicable regulatory requirements, in conjunction with your Regional Representative, you should have already selected an LSC work area that meets certain minimum requirements. Go to the Site Selection Section for more information.

STEP 2 – BEFORE YOU BEGIN THE LSC, CONFIRM YOUR DEALERSHIP CAN STAY EXEMPT FROM AIR PERMITTING REQUIREMENTS

The LSC anti-corrosion materials contain Volatile Organic Compounds (VOCs) and other substances subject to federal and state air quality laws. Generally, these laws allow emissions up to a certain level and require a facility, if it wishes to exceed that level, to obtain an air permit from the state.

Toyota Motor Sales, U.S.A., Inc. has contacted the Vermont Department of Environmental Conservation, Division of Air Quality (VTDEC) and explained the LSC and its air emissions. Based on this information, VTDEC has issued a formal determination that the LSC does not require a permit if it is conducted at Toyota's Vermont Dealerships.

IMPORTANT REGULATORY NOTE: *If you are no longer able to conduct the LSC in the identified area at your dealership, please contact your Regional Representative* ***and*** *go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347)* ***before you begin LSC operations****.*

IMPORTANT – PLEASE READ

IMPORTANT – PLEASE READ

How Can I Learn More? Go to Air Regulations and Air Recordkeeping Sections of **Federal, State and Local Requirements Guide** for more information.

STEP 3 – BEFORE YOU BEGIN APPLYING LSC MATERIALS, CONTACT YOUR LOCAL FIRE OFFICIAL FOR APPROVAL OF LSC ACTIVITIES AND MAKE SURE THAT YOUR DEALERSHIP CAN CONDUCT THE LSC IN COMPLIANCE WITH FIRE, BUILDING AND ZONING CODES

The LSC materials are combustible and subject to requirements under State and local fire codes. Building and zoning codes also can apply. The Fire, Building and Zoning Codes Section of the **Federal, State and Local Requirements Guide** reviews these important requirements, but in summary, **prior to starting the LSC, you must**:

1. ***CONTACT YOUR LOCAL FIRE OFFICIAL IN WRITING IN ORDER TO: (A) PROVIDE INFORMATION ABOUT THE LSC; AND (B) OBTAIN A FIRE PERMIT IF REQUIRED, OR CONFIRM THAT A FIRE PERMIT IS NOT REQUIRED.***

   What Do I Need To Give My Local Fire Official? *Information about the LSC and where your dealership will conduct it. You will find a model letter and attachments that you need to provide to your local fire official in Appendix A of the Fire, Building and Zoning Codes Section.*

   We recommend calling your local fire official to alert them that you will be sending this information. To avoid confusion, please make sure that after calling, you send the letter and all attachments contained in Appendix A so that the local fire official has more than your verbal description of the LSC.

2. ***CONFIRM THAT YOU CAN CONDUCT THE LSC IN COMPLIANCE WITH BUILDING, ZONING AND FIRE CODE REQUIREMENTS.***

   How Do I Confirm Compliance With Building, Zoning and Fire Code Requirements? *Go to the Fire, Building and Zoning Codes Section for the information you need in order to confirm your dealership's compliance with building, zoning and fire code requirements. Remember to use Table 1 in that Section to look up whether your location is subject to any special additional requirements.*

Compliance Note: *Per the Vermont Fire & Building Safety Code and the State Fire Marshal's Office, there may not be any open flames, spark producing equipment, drying, curing, or fusion apparatus, or ignition "on" within 20 ft of the LSC spray operation, including any adjacent service bay(s).* ***This means you must carefully adhere to the Site Selection Section of this packet to ensure that your LSC work area is set up properly.***

After We Complete Steps 1, 2 and 3 Can We Start The LSC?

Yes, if you have completed the ***LSC 90D Readiness Survey*** *(available at the C.L.E.A.N. Dealer website – http://cleandealer.com) and received the LSC spray guns.*

BUT *make sure to follow both (1) the detailed* ***Technical Instructions,*** *and (2) Step 4 (records for permit exemption). You should also review the* ***Federal, State and Local Requirements Guide*** *to better understand the legal requirements for Steps 1, 2, 3 and 4.*

STEP 4 – KEEP AIR PERMITTING EXEMPTION RECORDS

The VTDEC has confirmed that your dealership is exempt from air permitting requirements for the LSC, so long as you conduct it at your dealership. However, this determination by VTDEC requires you to maintain certain records in your files. Go to the Air Recordkeeping Section of the **Federal, State and Local Requirements Guide** for more information and the necessary documentation.

* * * * *

COMPLIANCE NOTE REGARDING REGULATED WASTE: *Waste produced as a result of the LSC operations may qualify as regulated hazardous waste (e.g., excess LSC materials, clean up rags, etc.). However, the LSC is not expected to impact your dealership's waste generator status (e.g., whether you are a Small Quantity Generator or a Conditionally Exempt Small Quantity Generator of regulated waste) because the quantities of regulated waste generated by the LSC operations should be relatively small assuming that:*

1. ***You store the spray guns properly when they are not in use as described in the Technical Instructions*** *(so that the spray guns do not need to be cleaned, which would generate waste); and*
2. ***You reuse the LSC tarps (floor coverings) and work area partitions*** *(so as to avoid frequent disposal of these items, which would generate larger quantities of waste,* possibly impacting *your generator status).*

If you do these things, then the only regulated waste produced by the LSC would consist of rags used to clean the LSC work area and any excess quantities of the LSC materials; you should handle these items in the same manner as other regulated waste at your dealership. If you have any questions, please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).

IMPORTANT – PLEASE READ

IMPORTANT – PLEASE READ

COMPLIANCE NOTE REGARDING RESPIRATORY PROTECTION: *The Material Safety Data Sheets (MSDSs) for both LSC materials recommend that employees handling these materials should use a NIOSH-approved respirator to control exposures to organic vapor and mist in work areas where ventilation is inadequate. If you have any questions regarding these requirements or how to obtain and use a NIOSH-approved respirator,* ***please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) and review the "Respiratory Protection FAQ" or call the EH&S Hotline (877-572-4347).***

. . . . .

The steps outlined above should help you ensure that your dealership conducts the LSC in compliance with the relevant federal, state and local legal requirements. You should use this **Getting Started Guide** along with the other parts of the LSC Dealer Information Packet – the **Federal, State and Local Requirements Guide** and the **Technical Instructions**.

This Information Packet is not intended to cover other air, waste management, hazardous material, water or other environmental and occupational health and safety laws and regulations that might apply to non-LSC operations at your dealership. We assume that you already comply with these requirements.

For more information and support, please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).

Thank you for your participation and cooperation in the 2001-2004 Tacoma Limited Service Campaign.

SITE SELECTION

LSC 90D - LIMITED SERVICE CAMPAIGN FOR 2001 - 2004 MODEL YEAR TACOMAS

VERMONT DEALER INFORMATION PACKET

SITE SELECTION SECTION

Please carefully review the entire Dealer Information Packet – including this Site Selection Section – with your Service and Parts Staff.

As explained in other Sections, the LSC is subject to various legal requirements that impose certain operational limitations on it, including requirements related to the location where it will be conducted. Therefore, careful selection of your LSC work area is important to ensure your compliance with those requirements and to help expedite regulatory approvals (e.g., from your local fire official). ***You should have already worked with your Regional Representative to designate a specific work area. Please utilize this section to confirm your work area meets these requirements.***

<table>
<tr><th colspan="2">SITE SELECTION CONSIDERATIONS</th></tr>
<tr><td colspan="2">1) LSC WORK AREA MUST COMPLY WITH BUILDING, MECHANICAL AND ZONING REQUIREMENTS (e.g., has a certificate of occupancy).

Your LSC work area should be located in an existing building/service area that complies with building/zoning/mechanical requirements. The LSC <u>may not</u> take place outdoors.

Note: The information in this package is not intended to cover building, zoning, mechanical or other environmental or occupational health and safety laws and regulations that might apply to non-LSC operations at your dealership. We assume that you already have systems in place to comply with any other environmental, health and safety requirements that apply to your dealership.</td></tr>
<tr><td colspan="2">2) YOUR LSC WORK AREA <u>MUST</u> HAVE ALL OF THE FOLLOWING:</td></tr>
<tr><td colspan="2">a) Adequate ventilation (whether natural or mechanical);

Consideration should be given to: (1) locations/stalls near bay doors, other natural ventilation and/or areas with approved mechanical ventilation, and (2) where possible, locations at the end of a row of service bays and not in the middle.</td></tr>
<tr><td>b) <u>Be at least 20 feet from:</u> (1) open flames and/or spark-producing equipment and appliances; and (2) any drying, curing, and/or fusion apparatus;</td><td>c) The LSC should be the only spraying operation conducted in the LSC work area and it must be located away from pits or other below-ground areas;</td></tr>
<tr><td>d) The LSC work area must have: (1) a suitable lift that allows clear access to the vehicle's frame rails, and (2) a non-combustible floor (e.g.,</td><td>e) A Type 1-4-A rated or a 2-2.5 gallon water-type fire extinguisher located within 75 feet of LSC operations (even if your LSC work area has an automatic</td></tr>
</table>

IMPORTANT – PLEASE READ

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concrete) (if the floor is combustible (see footnote 1 below);[1]	fire protection system);
f) **Compressed air**;	g) **Eyewash stations**;
h) **Drop lights appropriate for** use during the spraying of **combustible materials**; and	i) **Any other equipment**, operational and/or building features **required by applicable law** or indicated in the **Material Safety Data Sheets (MSDSs)** for the LSC materials.

3) **ALL LSC WORK SHOULD BE CONDUCTED IN A PARTITION ENCLOSURE** such as those depicted in the **Technical Instructions,** which separates the LSC from other vehicles and work areas/stalls.

*To prevent the possible accumulation of combustible vapors, the partition enclosures depicted in the **Technical Instructions** should have sufficient open space (at least one foot) at the bottom of the partition to allow for ventilation. In certain spraying spaces, such as an end bay space, it may be appropriate to use a partition enclosure with only three sides and to leave the fourth open, thereby increasing ventilation in the work area.*

4) As noted in 2(b) above, the Vermont Fire & Building Safety Code requires that there not be any open flames, spark producing equipment, drying, curing, or fusion apparatus within 20 ft of the LSC spray operation. The Vermont State Fire Marshal has interpreted this requirement to mean that **none of the following may be present in the bay(s) adjacent to the LSC work area while spraying is ongoing: (a) Sparks; (b) Flames; (c) Smoking; or (d) Vehicles with ignition "ON."**

This requirement means that (i) vehicles must not be driven into or out of an adjoining bay while LSC spray operations are in process, and (ii) vehicles driven into the adjacent bay(s) must be allowed a chance to cool so that the temperature of any hot surfaces is reduced below the flash point of the material being sprayed (105° F for X128T) before spraying starts. **In recognition of these limitations, we recommend that vehicles be moved manually in and out of the bays adjacent to the LSC work area while spraying is ongoing.**

We have enclosed a warning banner (including instruction sheet) with this **Guide** that must be affixed to the LSC partition in a manner that is visible to workers in adjacent bays or stalls when spraying is in progress, to remind them of these requirements.

---

[1] If the LSC work area has a non-combustible floor (e.g., concrete), standard thin plastic sheeting may be used for clean up purposes on the floor in the LSC work area.
If the LSC work area has a combustible floor (e.g., wood), it must be covered with fire retardant sheeting (e.g., TRM 'WEATHER-ALL' Flame Retardant Film).

OTHER REQUIREMENTS TO CONSIDER

Other Legal Requirements

The LSC is subject to other federal, state and/or local laws and codes related to air emissions, fire code approval, waste generation and recordkeeping that impose other operational limitations on it. **Therefore, in addition to this Section you should carefully review the Technical Instructions and the rest of this Guide** (e.g., the Air Regulations, Fire, Building and Zoning, and Regulated Waste Management Sections).

LSC Material Storage

You may not store more than 25 gallons of combustible materials (including the LSC materials) in any fire area at your dealership. A fire area is any area in your dealership separated from the remainder of the building by construction and openings that have fire resistance ratings of at least 1 hour.

You may only exceed this 25 gallon limit if the materials are stored in a fire cabinet. If you are using a fire cabinet you may store up to 120 gallons in any one cabinet and have up to 3 cabinets in any one fire area at your dealership.

IMPORTANT – PLEASE READ

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FEDERAL, STATE & LOCAL REQUIREMENTS

TOYOTA

TO: VERMONT TOYOTA DEALER PRINCIPALS, SERVICE MANAGERS AND PARTS MANAGERS

LSC 90D - LIMITED SERVICE CAMPAIGN FOR 2001 - 2004 MODEL YEAR TACOMAS

VERMONT DEALER INFORMATION PACKET

FEDERAL, STATE AND LOCAL REQUIREMENTS GUIDE

Please review the entire Dealer Information Packet -- including this Federal, State and Local Requirements Guide -- with your Service and Parts staff.

For the Limited Service Campaign (LSC), your dealership will use separate Vaupel HSDR 3300 spray guns to apply two different anti-corrosion sealant materials known as "NOX-RUST® X128T" and "NOX-RUST® 712AM", both of which are combustible and contain Volatile Organic Compounds (VOCs). The application of these materials will result in air emissions. As a result, your dealership will need to conduct the LSC in compliance with legal requirements for:

- Air Quality under Vermont Department of Environmental Conservation, Division of Air Quality (VTDEC) regulations; and
- Spraying & Storage of Combustible Liquids under State and Local Building, Zoning and Fire Codes.

This **Guide** reviews these requirements and provides forms and other compliance materials. It has been organized with separate sections labeled by topic so that you can easily review the information now and also find the information later should questions arise. ***To assist with your review, important pages/documents have been marked with a red line on the edge of the page.***

1. "AIR REGULATIONS" SECTION

(a) The Air Regulations Section reviews the federal and state laws that will regulate air emissions from the LSC at your dealership.

(b) TMS has also obtained a determination from VTDEC that LSC activities conducted at your dealership do not require an air permit. If you do not plan to conduct the LSC at your dealership please go to the C.L.E.A.N. Dealer

IMPORTANT – PLEASE READ

website at http://cleandealer.com and select the LSC-90D link. You may also call the C.L.E.A.N. Dealer EH&S Hotline at (877-572-4347) for more information and support.

2. **"AIR RECORDKEEPING" SECTION**

(a) The Air Recordkeeping Section contains the documents that your dealership will need to retain regarding the air emissions from the LSC. ***These records are required by Vermont's air regulations. They ensure that your dealership can conduct the LSC and stay exempt from air permitting and other regulatory requirements, and also can be used as records to demonstrate your dealership's compliance with the applicable requirements.***

(b) **As explained in the Air Regulations Section, you must maintain these documents for two (2) years after completion of the LSC.**

3. **"FIRE, BUILDING, AND ZONING CODES" SECTION**

(a) **The Fire, Building and Zoning Codes Section reviews the applicable state and local fire, building, and zoning codes. In general, these codes apply due to the combustibility of the two LSC anti-corrosion materials. Review all of the information carefully to ensure that your dealership can conduct the LSC in compliance with these codes.**

(b) **IMPORTANT:** As explained at the Fire, Building and Zoning Codes Section, prior to implementing the LSC, **your dealership will need to contact your local fire official in order to**:

(i) Provide information about the LSC; and

(ii) Obtain a fire permit OR confirm, in writing, that a permit is not required.

(c) **Appendix A to the *Fire, Building, and Zoning Codes Section* contains a model letter and all of the technical information necessary to provide your local fire official, except you will need to add some descriptive information about the location where you will conduct the LSC.** Appendix A also includes a determination from the Vermont State Fire Marshal that the LSC is compliant with the State Fire Code, which should also be provided to your local fire official. For more information and support, please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).

(d) **Prior to conducting the LSC, your dealership will also need to confirm that it can conduct the LSC in compliance with other building and**

zoning code requirements. Go to Table 1 in the Fire Building and Zoning Codes Section for additional information.

Compliance Note: *Per the Vermont Fire & Building Safety Code and the State Fire Marshal's Office, there may not be any open flames, spark producing equipment, drying, curing, or fusion apparatus, or ignition "on" within 20 ft of the LSC spray operation, including any adjacent service bay(s),* ***which means you must carefully adhere to the Site Selection Section of this packet to ensure that your LSC work area is setup properly.***

4. "REGULATED WASTE MANAGEMENT" SECTION

(a) The Regulated Waste Management Section reviews the requirements that apply to regulated hazardous wastes generated by your dealership generally. If you are already familiar with these requirements you can skip this section.

(b) Waste produced as a result of the LSC operations may qualify as regulated hazardous waste (e.g., excess LSC materials, clean up rags, etc.). However, the LSC is not expected to impact your dealership's waste generator status (e.g., whether you are a Small Quantity Generator or a Conditionally Exempt Small Quantity Generator of regulated waste) because the quantities of regulated waste generated by the LSC operations should be relatively small assuming that:

1) You store the spray guns properly when they are not in use as described in the **Technical Instructions** (so that the spray guns do not need to be cleaned, which would generate waste); and

2) **You reuse the LSC tarps (floor coverings) and work area partitions** (so as to avoid frequent disposal of these items, which would generate larger quantities of waste, possibly impacting your generator status).

(c) If you do the two items above, then the only regulated waste produced by the LSC would consist of rags used to clean the LSC work area and any excess quantities of the LSC materials. These materials should be handled in the same manner as other regulated waste at your dealership.

(d) If you have any questions, please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).

* * * * *

IMPORTANT – PLEASE READ

This **Federal, State and Local Requirements Guide** is not intended to cover air, waste management, hazardous material, water or other environmental or occupational health and safety laws and regulations that might apply to non-LSC operations at your dealership. We assume that you already have systems in place to comply with any other environmental, health and safety requirements that apply to your dealership.

If you have any questions after reviewing this information or as you proceed, please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).

LSC 90D - LIMITED SERVICE CAMPAIGN FOR 2001 - 2004 MODEL YEAR TACOMAS

VERMONT DEALER INFORMATION PACKET
FEDERAL, STATE AND LOCAL REQUIREMENTS GUIDE
AIR REGULATIONS SECTION

I. AIR PERMITTING REQUIREMENTS: ARE YOU EXEMPT?

The LSC activities result in emissions of Volatile Organic Compounds (VOCs) and Particulate Matter (PM). Federal and state laws allow emissions of these substances up to certain levels and require a facility wishing to exceed those levels to obtain an air permit from the state.

> ***Important: Air Emission Limits Apply To Your Entire Dealership.*** *The air permitting laws apply based on total emissions from an entire facility and not just from a particular building or location. For example, if your dealership's physical plant is distributed across multiple buildings, land parcels or physical locations, then the air emissions from all of those buildings and locations would have to be combined to determine whether the dealership's total air emissions are below air permitting levels. In some cases, even emissions from offsite locations that are not physically adjacent to a dealership (such as an offsite body shop) must be combined with the dealership's emissions to make this air permitting determination.*

Toyota Motor Sales, U.S.A., Inc. has contacted the Vermont Department of Environmental Conservation, Division of Air Quality (VTDEC) and explained the LSC and its air emissions. Based on this information, VTDEC has issued a formal determination that the LSC does not require a permit if it is conducted at Toyota's Vermont Dealerships and the LSC air emissions do not exceed the limits discussed with VTDEC. Therefore, we assume that your dealership is currently exempt from air permitting requirements, and will be able to conduct the LSC and stay exempt from air permitting requirements **IF you satisfy criteria A AND B** on Page 18.

> *If you do not think your dealership can comply with the requirements below, or for more information and support, please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).*

IMPORTANT – PLEASE READ

IMPORTANT – PLEASE READ

YOUR DEALERSHIP DOES NOT NEED AN AIR PERMIT IF:

A. YOUR DEALERSHIP WILL CONDUCT THE LSC IN AN EXISTING AREA AT YOUR DEALERSHIP.

Do I Have To Conduct The LSC In An Existing Area At Your Dealership? *No, but if you are no longer able to conduct the LSC in the identified area at your dealership, then you may not be able to stay exempt from air permitting and/or you may be subject to different requirements. Please contact your Regional Representative* ***and*** *go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347)* ***before you begin LSC operations****.*

B. YOU KEEP CERTAIN RECORDS IN YOU FILES FOR A PERIOD OF 2 YEARS AFTER COMPLETION OF THE LSC.

Why do I have to keep the records? *Because they are required by Vermont's air regulations, and support VTDEC's determination that the LSC operations at your dealership are exempt from air permitting. Please see the Air Recordkeeping Section for more information.*

II. AIR PERMITTING REQUIREMENTS: YOU WILL NOT REQUIRE A PERMIT OR A PERMIT MODIFICATION

a) Generally, new air emission sources in Vermont, even minor sources, are required to obtain an air permit prior to their construction, unless the VTDEC determines that an air permit is not required.

b) TMS has obtained a Permit Determination from the VTDEC confirming that no permit is required for LSC operations at your dealership. A copy of this Permit Determination has been included in the Air Recordkeeping Section of this Guide.

c) Separate and apart from VTDEC's Permit Determination, your dealership will be required to keep actual emissions of VOCs below 5 tons per year (tpy). Otherwise, you will be subject to additional regulatory requirements, including an obligation to file a registration form with VTDEC.

1) Based on information that you provided to TMS previously, you should be able to conduct the LSC and comply with this limit.

2) However, in order to verify that your actual emissions of VOCs are less than 5 tpy, you should ensure that your total usage of VOC-containing materials (both LSC and non-LSC) is less than 1,600 gallons per year. If you exceed this limit or need more information,

please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).

d) For more information and support, please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347).

III. AIR PERMITTING REQUIREMENTS: YOUR RECORDKEEPING OBLIGATIONS

The Air Recordkeeping Section contains documents that support VTDEC's Permit Determination that the LSC is exempt from permitting and other regulatory requirements. The Air Recordkeeping Section identifies those records and contains the logs and other materials that **should be kept in your dealership's files for a period of two (2) years after the completion of the LSC.**

IMPORTANT – PLEASE READ

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LSC 90D - LIMITED SERVICE CAMPAIGN FOR 2001 - 2004 MODEL YEAR TACOMAS

VERMONT DEALER INFORMATION PACKET
FEDERAL, STATE AND LOCAL REQUIREMENTS GUIDE
AIR RECORDKEEPING SECTION

IMPORTANT: ***Please maintain these documents in your dealership's records for a period of 2 years from the completion of the LSC.***

Your dealership must maintain the documents and records listed below to comply with applicable record retention and availability requirements of Vermont's air regulations and to support the Vermont Department of Environmental Conservation, Division of Air Quality's (VTDEC) determination that the LSC is exempt from permitting requirements. These records are included in this section and must be kept for a period of two (2) years from the completion of the LSC:

(1) An LSC production log tracking the number of trucks you do per day and your daily emissions (use the attached "Emissions Tracking Log"); and

(2) A VOC-containing material usage log to track your monthly and annual usage of VOC containing materials (use the attached "Material Usage Log"); and

(3) LSC Process Overview; and

(4) LSC Equipment Manufacturer's Specifications; and

(5) Letter from VTDEC, dated May 21, 2009, confirming that LSC operations at Toyota's Vermont Dealerships are not required to obtain a permit; and

(6) Material Safety Data Sheets for the LSC materials (NOTE: These should also be maintained with your other MSDSs, in compliance with OSHA requirements).

Notes:

I. You do not need to do anything with items (3) through (6) above. You should simply keep these documents in your files. You may need to provide them if requested by a government agency.

IMPORTANT – PLEASE READ

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Instructions for Completing the Emissions Tracking Log

Follow these three steps to complete the Emissions Tracking Log (see example below).

Step 1:
Enter "Reporting Month" and "Dealership Name."

Step 2:
Enter the date and the number of trucks that you serviced with LSC materials on that date and update total number of trucks processed.

Step 3:
Use Table 1 to fill out the rest of the log. To use Table 1, find the number of trucks that you serviced with LSC materials, and then use the emissions values listed for each compound to fill out the remaining portions of the log.

Emissions Tracking Log

Reporting Month: July, 2009 **Dealership name:** ABC Automobiles

Date	Number of Trucks Processed Today	Total Number of Trucks Processed Under LSC	Daily Emissions (lbs/day) – *Use the Emissions Estimator to determine the amount of emissions for each compound below*	
			VOC	PM
7-2-09	1	1	2.86	0.27
7-3-09	2	3	5.72	0.53
7-4-09	3	6	8.58	0.80
7-5-09	4	10	11.44	1.07
7-6-09	5	15	14.30	1.34
7-7-09	6	21	17.15	1.60
7-9-09	7	28	20.01	1.87
7-10-09	5	33	14.30	1.34
7-11-09	5	38	14.30	1.34
7-12-09	4	42	11.44	1.07
7-13-09	4	46	11.44	1.07
7-14-09	3	49	8.58	0.80
7-16-09	5	54	14.30	1.34
7-17-09	3	57	8.58	0.80
7-18-09	2	59	5.72	0.53
7-19-09	2	61	5.72	0.53
7-20-09	1	62	2.86	0.27
7-21-09	4	66	11.44	1.07
7-23-09	4	70	11.44	1.07

IMPORTANT – PLEASE READ

IMPORTANT – PLEASE READ

Table 1. Emissions Values in lbs/day Based on the # of Trucks Processed

Number of Trucks Done In a Day	Amount of Emissions (lbs/day)	
	VOC	PM
1	2.86	0.27
2	5.72	0.53
3	8.58	0.80
4	11.44	1.07
5	14.30	1.34
6	17.15	1.60
7	20.01	1.87
8	22.87	2.14
9	25.73	2.40
10	28.59	2.67
11	31.45	2.94
12	34.31	3.20

<u>Emissions Tracking Log</u>

Reporting Month: ________________ **Dealership name:**__________________________________

Date	**Number of Trucks Processed**	**Total Number of Trucks Processed Under LSC**	**Daily Emissions (lbs/day)** – *Use the Emissions Estimator to determine the amount of emissions for each compound below*	
			VOC	**PM**

<u>DUPLICATE AS NECESSARY</u>

IMPORTANT DOCUMENT

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Instructions for Completing Materials Usage Log

Follow these four steps to complete the **VOC-Containing Materials Usage Log** (see sample log below):

Step 1:
Keep copies of receipts for all VOC-containing materials purchased by your dealership.

Step 2:
On a monthly basis, enter the total quantity (in gallons) of **X128T** and **712AM** LSC material purchased by your dealership in Column 1.

Step 3:
On a monthly basis, enter the total quantity (in gallons) of **all other** VOC-containing paints, coatings, solvents, and materials purchased by your entire dealership in Column 2.

Total VOC-Containing Materials, Paintings, Coatings and Solvents			
	Column 1 Enter total quantity of LSC X128T and 712AM material (gal). Each 5 liter LSC kit = 1.33 gallons.	Column 2 Enter total quantity of all other VOC-containing materials (gal).	Column 3 Add Column 1 to Column 2, and enter the results below (gal).
January	*20*	*50*	*70*
February	*40*	*42*	*82*
March	*32*	*65*	*97*
April	*28*	*65*	*93*
May	*55*	*20*	*75*
June	*50*	*45*	*95*
July	*45*	*45*	*90*
August	*40*	*52*	*92*
September	*35*	*35*	*70*
October	*40*	*35*	*75*
November	*42*	*20*	*62*
December	*50*	*35*	*85*
			986 (Enter sum of Column 3)

Step 4:
Add amounts in Columns 1 and 2 and enter the total each month in Column 3.

Step 5:
At the end of the year, sum all your purchases of VOC-containing materials in gallons (see Column 3). **If the sum for the year is greater than 1,600 gallons, please contact the C.L.E.A.N. Dealer EH&S Hotline at (877) 572-4347.**

DUPLICATE AS NECESSARY

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VOC-Containing Materials Usage Log

Reporting Month/Year: _____ **Dealership name and location:** _____

Instructions: Your dealership has to keep actual emissions of VOCs below 5 tons per year; otherwise, you will be required to file an opt-registration with VTDEC. Based on information that you provided to TMS previously, you should be able to conduct the LSC and comply with this limit. However, to verify that your actual emissions of VOCs are less than 5 tpy, use this log to confirm that total purchases of VOC-containing materials, paints or solvents by your dealership are **LESS THAN 1,600 GALLONS PER CALENDAR YEAR**.

	Total VOC-Containing Materials, Paintings, Coatings and Solvents		
	Column 1 Enter total quantity of LSC X128T and LSC 712AM material (gal). Each 5 liter LSC kit = 1.33 gallons.	Column 2 Enter total quantity of all other VOC-containing materials (gal).	Column 3 Add Column 1 to Column 2, and enter the results below (gal).
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
			_____ (Enter sum of Column 3)

This record must be maintained for 2 years.
Duplicate as Necessary

DC\1217896.9

IMPORTANT DOCUMENT

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LSC PROCESS OVERVIEW:

All LSC activities will occur indoors at existing dealership service areas that comply with fire, zoning and building codes. The LSC will not require physical alterations to service areas and will consist of the two primary steps discussed below.

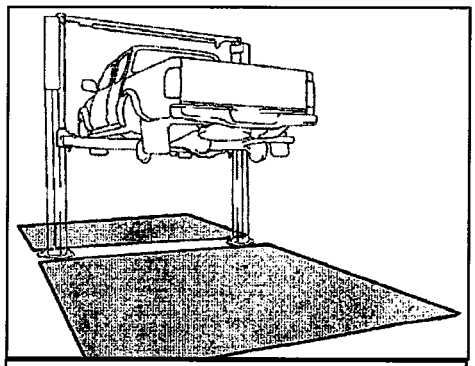
LSC Work Area Setup: *Dealers will locate a dedicated work area in their garage with a vehicle lift that is well ventilated, away from other vehicles, and can be sectioned off with temporary partitions. No physical alteration of the workspace or installation of new equipment is required for the LSC. Consistent with Fire Code requirements, there will be no open flames, spark producing equipment, drying, curing, or fusion apparatus within 20 ft of the LSC spray operation,*

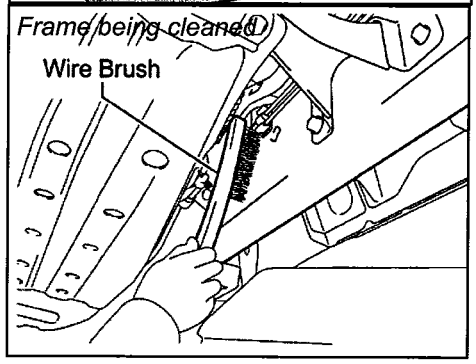
- *Limitations on adjacent bay(s):* There will be no (a) Sparks; (b) Flames; (c) Smoking; or (d) Vehicles with ignition "ON." The State Fire Marshal has also required that (i) vehicles not be driven into or out of those bays while spray is underway, and (ii) vehicles driven in must be allowed to cool before spraying starts (it is recommended that vehicles be moved in and out of adjacent bays manually). A warning banner will be displayed in the LSC work area summarizing these requirements.

Step 1: Vehicle Preparation. *Dealers will employ the following general procedures to prepare their service areas and vehicles for spraying.*

- *Place vehicle on lift*. Raise the vehicle using the vehicle lift; remove certain vehicle components (e.g., rear and spare tires); mask areas not to be sprayed.
- *Work area setup*. Place tarp beneath vehicle and set up temporary partitions around vehicle. Tarps are intended to capture limited overspray and to facilitate clean-up.
- *Clean frame*. Manually remove rust from frame using scraper, brush, and/or compressed air (steam clean if necessary). No chemicals or solvents will be used to clean the frames.

Truck on lift

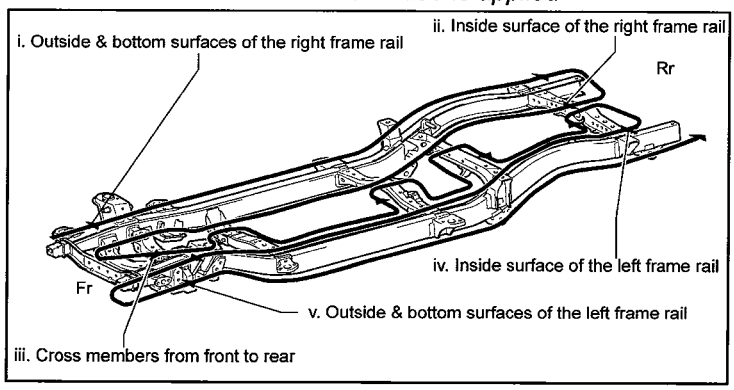




Step 2: Material Application. *Dealers will apply the LSC anti-corrosion materials as follows:*

- *Apply 712AM*. Set up Vaupel spray gun and insert spray nozzle a specified distance into selected holes in the frame. Press spray gun trigger and pull out nozzle at fixed speed while spraying interior surface of frame. Refill spray gun with 712AM as needed until all two liters of material have been applied.
- *Apply X128T*. Set up spray gun and locate spray nozzle a specified distance from frame surface. Press spray gun trigger and spray X128T on external surface of frame by moving spray nozzle at fixed speed across frame. Refill spray gun with

External frame surfaces where X128T is applied



X128T as needed until all three liters of material are used.

- *Final steps*. Reinstall components of vehicle, remove truck from lift, and spray X128T on areas of frame previously covered by lift. Allow 712AM and X128T to cure before returning vehicle to customer. Comply with any recordkeeping and material handling requirements.

OPERATING INSTRUCTIONS

CAVITY PRESSURE CONTAINER GUN 3300 HSDR

This gun may only be used for pressure containers which threads have a slot

Use as intended
- The CAVITY PRESSURE CONTAINER GUN is used for applying cavity spray products in conjunction with cavity spray tubes 3900 / 3901.

For your safety
- Hazard-free work with the device is only possible if you read the operating instructions and safety instructions through in full and strictly follow the instructions contained therein.
- Arrange to have practical instruction before your first use.
- Check the device before each use.
- Allow only a specialist to make repairs.
- Alteration or modification of the device is forbidden.
- Use only original accessories.
- Use the device only with the prescribed pressure.
- Do not spray into flames or onto glowing bodies.
- Working areas must be brightly lit, well ventilated and must conform to applicable health and work safety regulations.
- Do not inhale spray mist.
- Store the device and its accessories out of reach of children.

Device Characteristics

Max. Press. 8 bar ***Working Press. 2–6 bar***
Capacity 1 liter

Safety Instructions
- Check the gun for correct operation before use.
- The nozzle head **(19)** and ascending tube **(31)** must allow free flow.
- Check the gun for visible damage.
- When dealing with chemical materials, observe the
- appropriate guidelines and safety rules.

Start up
- Check line pressure in the compressed-air distribution system and adjust if necessary.
- For optimal operation of the compressed-air tool, clean, dry air is absolutely necessary.
  This can be provided by a water and oil separator integrated into the compressed-air system, which also considerably improves the spray behaviour.

Working Instructions / Application
- Fill the pressure container **(32)** with spray product.
- Immerse the pistol body with ascending tube into the spray product and screw the container to the underside of the gun.
- Insert cavity spray tube with round spray nozzle or cavity spray tube with angle nozzle and nipple into the quick coupling **(20)**.
- Connect the gun to the compressed-air supply.
  Depress the trigger to the first step and check whether spray air issues from the nozzle opening.
- Material flow rate is adjusted using the stop screw **(7)**.
  An optimal spray pattern for each material can be obtained with this adjustment.
- Insert the spray tube with round nozzle into the cavity and slowly withdraw it, while at the same time depressing the trigger. Release the trigger before the round nozzle leaves the cavity (this will interrupt material flow).
- When the spray tube with angle nozzle is inserted, surfaces can be sprayed.
- Make absolutely certain that the spray tubes are not bent.

When finished working
- Blow the cavity spray tube clear with air; for this, depress the trigger to the first step.
- Remove cavity spray tube; disconnect the device from the air supply.
- Release pressure from the gun; for this purpose, turn the pressure container to the left until air escapes.
- Store the device and its accessories out of reach of children.
- Store the gun only upright if material remains in the pressure tank.

Cleaning
- Clean the gun after each use with cleaning agent. (If the gun is to remain unused for an extended period of about 4 weeks).

Attention
- Store the spray tubes only when they are clean; otherwise the spray slits may become clogged due to drying of the material.

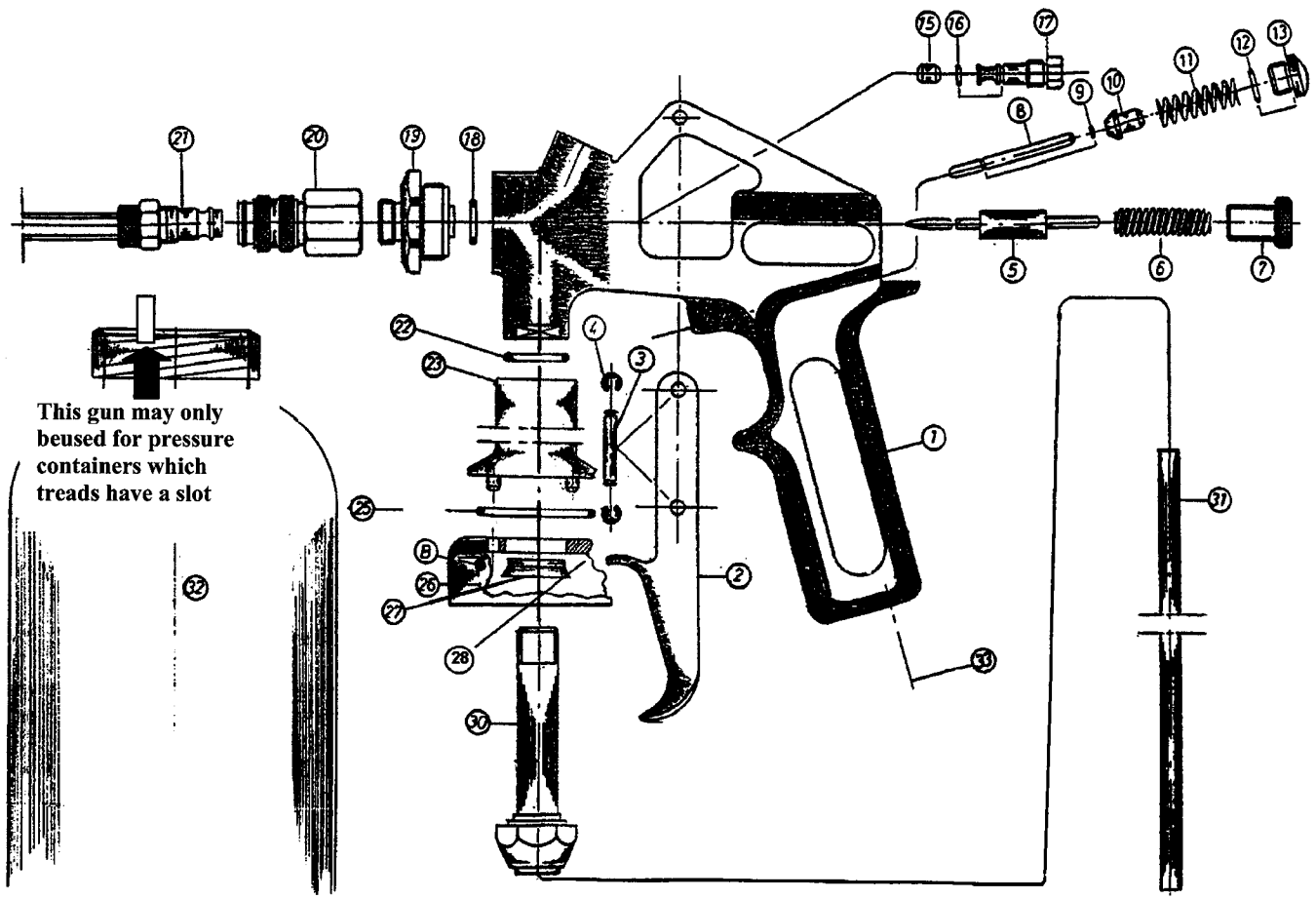
Faults
- Valve bolt **(8)** is stuck or does not close:
  Put oil on the valve bolt or into the air intake port of the gun. Depress the trigger **(2)** several times.
- Gun does not spray properly:
  Spray nozzle **(19)**, ascending tube **(31)**, cavity spray tube round spray or angle nozzle or gun **(1)** partly clogged. Remove deposits with cleaning agent.

Environmental Protection
- The device, its accessories and packing material should be recycled in an environmentally correct manner.

Druckbehälterpistole
pressure container gun

3300 HSDR

1	10 2919 001	gun body
2	50 3909 005	trigger
3	30 1102 006	trigger axle
4	60 3100 029	clamping ring
5	S 83010	nozzle needle, cpl.
6	60 3104 007	spring f. nozzle needle
7	30 1122 005	stop screw
8	30 1104 008	valve bolt
9	60 4100 027	o-ring 1.5x0.75
10	40 4101 011	valve seal
11	60 3103 003	spring f. valve
12	60 4100 062	o-ring 8x1
13	30 1120 002	locking screw
14	————	
15	40 4100 003	needle seal, teflon
16	60 4100 064	o-ring 5x1
17	30 1422 016	needle stuffing box
18	60 4100 066	o-ring 8x2.5
19	30 2122 005	spray nozzle
20	20 1413 001	quick coupling
21		Capity hose spray-set
22	60 4100 071	o-ring 15x2
23	40 4104 014	adaptor 3000
25	60 4100 072	o-ring 33x2
26	10 2111 014	pressure tank filler cap
27	60 4100 044	V-packing
28	60 4100 087	o-ring 35x4
29	————	
30	S 83302	assembly screw
31	60 3129 014	ascending tube
32	S 83305	pressure tank
	S 83303	seal-set
	S 80151	flat-nozzle – plug cconnection



VERMONT

State of Vermont
Department of Environmental Conservation

Agency of Natural Resources

Air Pollution Control Division
Bldg. 3 South, 103 South Main Street
Waterbury, Vermont 05671-0402
Tel. (802) 241-3840
Fax (802) 241-2590
http://www.anr.state.vt.us/air/

May 21, 2009

Mr. N. Jonathan Peress
Downs Rachlin Martin PLLC
8 South Park Street
Lebanon, New Hampshire 03766

Subject: Toyota Limited Service Undercoating Campaign at Dealerships

Dear Mr. Peress:

Thank you for coming in Thursday to fully explain the Toyota Limited Service Undercoating Campaign that is proposed to be implemented at each of the seven Toyota dealerships in Vermont. My understanding is this campaign will run through 2010 and is expected to be limited to 1995 to 2004 Toyota Tacoma pickup trucks. The estimated number of affected vehicles in Vermont less than 6,000. Each serviced vehicle will utilize 3 liters of the NOX-Rust X128T and 2 liters of NOX-Rust 712AM. The Vermont Agency of Natural Resources, Department of Environmental Conservation, Air Pollution Control Division ("Agency") has determined that an Air Pollution Control Permit is not required for any of the Vermont dealerships for this activity and you may proceed at your convenience.

Please feel free to contact me at (802) 241-3845 if I can be of any further assistance or if you have any questions or comments regarding this matter.

Sincerely,

D - n Elliott

Douglas R. Elliott, Permit Section Chief
Air Pollution Control Division
(doug.elliott@state.vt.us)

DE:de
A2 Toyota Dealerships

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MATERIAL SAFETY DATA SHEET

DAUBERT CHEMICAL COMPANY

4700 SOUTH CENTRAL AVENUE
CHICAGO, ILLINOIS 60638
TELEPHONE: (708) 496-7350
FAX: (708) 496-7367

EMERGENCY CONTACT:
CHEMTREC (800) 424-9300

HMIS HAZARD RATING	
HEALTH	1
FIRE	2
REACTIVITY	0
PERSONAL PROTECTION	D

Date of Review:
Date of Preparation: August 1, 2008

Revised: December 4, 2008
By: M. Longo

SECTION 1: PRODUCT IDENTIFICATION

Product Name: **NOX-RUST® X128T**
Chemical Family: Petroleum Solvent/Additive Blend
Material Usage: Corrosion Preventive Compound

EMERGENCY OVERVIEW: Petroleum solvent-based product with solvent odor. Combustible liquid; when product burns it releases typical hydrocarbon products of combustion. Refer to Section 3 for health effects and to Section 5 for fire hazard data.

SECTION 2: HAZARDOUS INGREDIENTS

Component	Wt%	Recommended Exposure Limits (TWA)
Aliphatic Petroleum Solvent CAS #64742-88-7 and/or #64742-47-8 and/or #8052-41-3	40-50	OSHA PEL: 100 ppm ACGIH TLV: 100 ppm ACGIH STEL: 200 ppm
Petroleum Hydrocarbon (Petrolatum) CAS #8009-03-8	20-25	OSHA PEL: 2 mg/m^3 ACGIH TLV: 2 mg/m^3 (for fumes)
Petroleum Wax CAS #64742-42-3	6-10	OSHA PEL: Not Established ACGIH TLV: 2 mg/m^3(fumes)
[1]Calcium Carbonate CAS #1317-65-3 and/or CAS #471-34-1	2-4	OSHA PEL:5 mg/m^3(respirable fraction) OSHA PEL: 15 mg/m^3(total dust) ACGIH TLV:10 mg/m^3 ([2]nuisance dust)
[1]Carbon Black CAS #1333-86-4	<1	OSHA:PEL: 3.5 mg/m^3 ([2]nuisance dust) ACGIH TLV: None Established

[1]See Section 3.
[2]This component poses a hazard only if the liquid dries and a dust is formed.

SECTION 3: HEALTH HAZARD INFORMATION

Primary Routes of Entry: Inhalation, skin absorption.
Acute Effects: Excessive inhalation may produce dizziness, nausea, headache, and incoordination. May cause severe eye irritation and reversible skin irritation. Prolonged skin exposure may cause dermatitis or oil acne. Breathing mists may cause dizziness or pulmonary irritation.
Carcinogenicity: Calcium carbonate, the product itself, is not listed by NTP, IARC, or OSHA as a carcinogen. There are no reported health effects associated with prolonged exposure to pure calcium carbonate. This product contains variable quantities of crystalline silica (quartz), which is considered a hazard by inhalation. IARC has classified crystalline silica as probably carcinogenic for humans (2A). This classification is based on the findings of laboratory animal studies that were considered to provide sufficient evidence and data from human epidemiological studies that were considered to provide limited evidence for carcinogenicity. Crystalline silica is also a known cause of silicosis, a noncancerous lung disease. NTP and OSHA have not classified crystalline silica as a carcinogen.
Carbon black has been classified by IRAC as a Category 2B (known animal carcinogen, possible human carcinogen) material. This was based on the results of rat inhalation studies of carbon black, despite the lack of parallel evidence on humans or other animal species.
Pre-Existing Medical Conditions Aggravated by Exposure: Exposure may aggravate pre-existing respiratory or skin problems.

SECTION 4: FIRST AID PROCEDURES

Inhalation: Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration; if breathing is difficult, give oxygen.
Eyes: In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.
Skin: Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.
Ingestion: DO NOT INDUCE VOMITING. Consult a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point: 105°F. (TCC)
Explosive Limits: LEL: 0.6 UEL: 7.0

EXTINGUISHING MEDIA: Small Fires: Dry chemical, CO_2, water spray, or regular foam. Large Fires: Water spray, fog, or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks. For massive fire in cargo area, use unmanned hose holder or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.
Special Firefighting Protection/Emergency Action: Fire may produce irritating or poisonous gases. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire. If runoff from fire control occurs, notify the appropriate authorities.
Unusual Fire/Explosion Hazards: Flammable/combustible material; may be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Container may explode in heat of fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.
Products of Combustion: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.

SECTION 6: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Steps to be taken in case Material is Released or Spilled: Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk.
Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.
Large Spills: Dike far ahead of liquid spill for later disposal.

SECTION 7: SAFE HANDLING INFORMATION

Precautions To Be Taken In Handling/Storage: Store in cool, well-ventilated area. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors.
Other Precautions: Never wear contaminated clothing. Launder or dry clean before wearing. Discard oil-soaked shoes. Wash thoroughly with soap and water (waterless hand cleaner may be helpful in removing residues) after use and before smoking or eating. Avoid excessive skin contact.

SECTION 8: EXPOSURE CONTROLS

Respiratory Protection: NIOSH-approved respirator for organic vapor and mist to control exposure where ventilation is inadequate.
Ventilation: General and local exhaust.
Personal Protective Equipment: Protective Gloves: Impervious gloves (Viton, PVOH, etc.) Eye Protection: Safety glasses with sideshields or chemical goggles. Other Protective Clothing or Equipment: If splashing is anticipated, wear rubber apron and boots or other protective equipment to minimize contact.

SECTION 9: REACTIVITY HAZARD DATA

Stability: Stable
Incompatibility: Strong acids, oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.
Hazardous Polymerization: Will not occur.

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Black
Appearance:	Viscous Liquid
Odor:	Petroleum Solvent
Boiling Point (initial):	>300°F
Evaporation Rate (n-Butyl Acetate= 1) :	<1
Vapor Pressure (mmHg @ 20°C):	3.4
Vapor Density (air= 1) :	>1
Solubility in Water:	Negligible
Specific Gravity:	0.88
pH:	Not Applicable
Percent Volatile by Volume:	53

SECTION 11: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with state, local and federal regulations. Materials may become a hazardous waste through use. If permitted, incineration may be practiced. Consider recycling solvent.

SECTION 12: REGULATORY INFORMATION

Volatile Organic Content: (Calculated Values)

VOC per gallon:	3.5 lbs/gal
VOC per gallon minus exempt solvents and water:	3.5 lbs/gal
EPA Hazardous Waste Number(s) (40CFR Part 261):	D001
EPA Hazard Category (40CFR Part 370):	DELAYED (CHRONIC) FIRE HAZARD (COMBUSTIBLE)

SARA TITLE III

This product contains the following TOXIC CHEMICALS subject to the *Reporting Requirements of Sec. 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and of 40CFR Part 372:*

CHEMICAL	CAS NO.	WT %
NONE		

This product contains the following EXTREMELY HAZARDOUS SUBSTANCE(S) subject to the *Emergency Planning Requirements under Sec. 301-303 (40CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:*

CHEMICAL	CAS NO.	WT %	RQ/TPQ Lbs
NONE			

(CERCLA LIST) This product contains the following HAZARDOUS SUBSTANCE(S) subject to *Emergency Release Notification Requirements under Sec. 304 (40 CFR Part 302)*:

CHEMICAL	CAS NO.	WT %	Final RQ Lbs
Aliphatic Petroleum Solvent	64742-88-7, 64742-47-8, 8052-41-3	40-50	100

CALIFORNIA PROPOSITION 65

This product may contain trace quantities of chemicals that are identified by the State of California under the Safe Drinking Water and Toxic Reinforcement Act of 1986 ("Proposition 65") as either a carcinogenic or reproductive hazard:

CHEMICAL	CAS NO.	Estimated Concentration %
Crystalline Silica *(Naturally occurring in mined calcium carbonate)*	14808-60-7	.03 max
Carbon Black *(Crystalline Silica and carbon black only present hazards as respirable particles of 10 microns or less. Both are bound in the coating and will not be released as respirable particles.)*	1333-86-4	<1

MATERIAL SAFETY DATA SHEET

MANUFACTURED BY
PARKER INDUSTRIES

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HMIS HAZARD RATING

HEALTH	1
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	B

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SECTION 1: PRODUCT IDENTIFICATION

Product Name: **Nox-Rust® 712AM**
Chemical Family: Petroleum oil/additive blend
Material Usage: Corrosion Preventive Compound

EMERGENCY OVERVIEW: Petroleum oil-based product. When product burns it releases typical hydrocarbon products of combustion. Refer to Section 3 for health effects and to Section 5 for fire hazard data.

SECTION 2: HAZARDOUS INGREDIENTS

Component	Wt%	Recommended Exposure Limits (TWA)
Microcrystalline wax CAS #64742-42-3	5-10	ACGIH TLV: 2 mg/m^3 OSHA PEL: 2 mg/m^3
Petroleum distillates, solvent dewaxed heavy paraffinic CAS #64742-65-0	5-15	ACGIH TLV: 5 mg/m^3 OSHA PEL: 5 mg/m^3
Sulfonic acids, petroleum, Calcium salts, overbased CAS #68783-96-0	5-15	ACGIH TLV: 5 mg/m^3 (oil mist) OSHA PEL: 5 mg/m^3 (oil mist)
White mineral oil, petroleum CAS #8042-47-5	50-60	ACGIH TLV: 5 mg/m^3 (oil mist) OSHA PEL: 5 mg/m^3 (oil mist)
Bentonite, quaternary ammonium compound modified CAS# 68953-58-2	0.3-1.0	Not established

Soybean oil polymer with isophthalic acid and pentaerythritol CAS# 66071-86-1	0.4-4	Not established
Castor oil, dehydrated, polymerized CAS# 68038-02-8	5-15	Not established
Calcium Carbonate CAS #471-34-1	5-10	OSHA PEL: 5 mg/m^3 (respirable fraction) OSHA PEL: 15 mg/m^3 (total dust) ACGIH TLV: 10 mg/m^3 ([2] nuisance dust)

[2] This component poses a hazard only if a dust is formed, i.e., by sawing, sanding, drilling, etc.

SECTION 3: HEALTH HAZARD INFORMATION

Primary Routes of Entry: Skin absorption, eyes (splashing).
Acute Effects: May cause eye irritation and reversible skin irritation. Prolonged skin exposure may cause dermatitis or oil acne. Breathing mists may cause dizziness or pulmonary irritation.
Chronic Overexposure:
Carcinogenicity: None of the components of this product are listed as carcinogens by NTP, IARC, or OSHA 1910(Z).
Pre-Existing Medical Conditions Aggravated by Exposure: Exposure may aggravate pre-existing respiratory or skin problems.

SECTION 4: FIRST AID PROCEDURES

Inhalation (mist): Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration; if breathing is difficult, give oxygen.
Eyes: In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.
Skin: Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.
Ingestion: DO NOT INDUCE VOMITING. Consult a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point: >200°C (TCC)
Explosive Limits: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Small Fires: Dry chemical, CO_2, water spray, or regular foam. Large Fires: Water spray, fog, or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks. For massive fire in cargo area, use unmanned hose holder or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.
Special Firefighting Protection/Emergency Action: Fire may produce irritating or poisonous gases. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire. If runoff from fire control occurs, notify the appropriate authorities.
Unusual Fire/Explosion Hazards: Combustible material; may be ignited by flames. Container may explode in heat of fire.
Products of Combustion: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.

SECTION 6: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Steps to be taken in case Material is Released or Spilled: Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk.
Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.
Large Spills: Dike far ahead of liquid spill for later disposal.

SECTION 7: SAFE HANDLING INFORMATION

Precautions To Be Taken In Handling/Storage: Store in cool, well-ventilated area. Keep away from flames. Never use a torch to cut or weld on or near container.
Other Precautions: Never wear contaminated clothing. Launder or dry clean before wearing. Discard oil-soaked shoes. Wash thoroughly with soap and water (waterless hand cleaner may be helpful in removing residues) after use and before smoking or eating. Avoid excessive skin contact.

SECTION 8: EXPOSURE CONTROLS

Respiratory Protection: NIOSH-approved respirator for organic vapor and mist to control exposure where ventilation is inadequate.
Ventilation: General and local exhaust.
Personal Protective Equipment: Protective Gloves: Impervious gloves (Viton, PVOH, etc.) Eye Protection: Safety glasses with sideshields or chemical goggles. Other Protective Clothing or Equipment: If splashing is anticipated, wear rubber apron and boots or other protective equipment to minimize contact.

SECTION 9: REACTIVITY HAZARD DATA

Stability: Stable
Incompatibility: Strong acids, oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of sulfur, miscellaneous hydrocarbons.
Hazardous Polymerization: Will not occur.

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Tan
Appearance:	Viscous Liquid
Odor:	Oil
Boiling Point (initial):	NA
Evaporation Rate (n-Butyl Acetate=1):	<<1
Vapor Pressure (mmHg @ 20°C):	3.4
Vapor Density (air=1):	NA
Solubility in Water:	Not Determined
Specific Gravity:	.9-1.0
pH:	Not Applicable
Percent Volatile by Volume:	0

SECTION 11: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with state, local and federal regulations. Materials may become a hazardous waste through use. If permitted, incineration may be practiced. Consider recycling solvent.

SECTION 12: REGULATORY INFORMATION

Volatile Organic Content: (EPA Method 24)
VOC per gallon: 0.165 lbs/gal

EPA Hazardous Waste Number(s) (40CFR Part 261): D001
EPA Hazard Category (40CFR Part 370): DELAYED (CHRONIC)

SARA TITLE III
This product contains the following TOXIC CHEMICALS subject to the *Reporting Requirements of Sec. 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and of 40CFR Part 372:*

CHEMICAL	CAS NO.	WT %
NONE		

This product contains the following EXTREMELY HAZARDOUS SUBSTANCE(S) subject to the *Emergency Planning Requirements under Sec. 301-303 (40CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:*

CHEMICAL	CAS NO.	WT %	RQ/TPQ Lbs
NONE			

(CERCLA LIST) This product contains the following HAZARDOUS SUBSTANCE(S) subject to *Emergency Release Notification Requirements under Sec. 304 (40 CFR Part 302)*:

CHEMICAL	CAS NO.	WT %	Final RQ Lbs
NONE			

CALIFORNIA PROPOSITION 65
This product may contain trace quantities of the following chemicals that are identified by the State of California under the Safe Drinking Water and Toxic Reinforcement Act of 1986 ("Proposition 65") as either a carcinogenic or reproductive hazard:

CHEMICAL	CAS NO.	Estimated Concentration %
NONE		

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.

LSC 90D - LIMITED SERVICE CAMPAIGN FOR
2001 - 2004 MODEL YEAR TACOMAS

VERMONT DEALER INFORMATION PACKET
FEDERAL, STATE AND LOCAL REQUIREMENTS GUIDE
FIRE, BUILDING AND ZONING CODES SECTION

Please review the entire Information Packet – including this Fire, Building and Zoning Codes Section – with your Service and Parts staff.

In addition to the requirements identified in other Sections, your dealership must comply with any applicable state and local fire code, building and zoning requirements. This Section discusses how to comply with these requirements.

Where Will You Conduct The LSC? *This Section assumes that you will conduct the LSC in an existing area at your dealership. If you plan to conduct the LSC elsewhere*, please discontinue reading this **Guide** and go to the C.L.E.A.N. Dealer website at http://cleandealer.com and select the LSC-90D link or call the C.L.E.A.N. Dealer EH&S Hotline at *877-572-4347*.

BEFORE you begin applying LSC materials, you must do BOTH of the following:

1. **Contact your local fire official in order to: (A) Provide information about the LSC; and (B) Confirm, in writing, that a permit is not required, or obtain a permit if one is required.**

   You will find a model letter and attachments that you need to provide to your local fire official in Appendix A of this Section (Note: you will need to add some descriptive information about the spraying location where you will conduct the LSC to these materials). These materials include a Determination of Compliance with the applicable fire codes prepared by Commercial Construction Consulting, Inc. ("C3") for TMS and a concurrence from the Vermont State Fire Marshal that the LSC complies with the State Fire Code, provided that the dealership complies with the restrictions imposed by the State Fire Marshal. To identify your local fire official go to Table 1 (starting at page 53).

   We recommend calling your local fire official first, to alert them that you will be sending this information. To avoid confusion, please make sure that after calling, you send the letter and all attachments contained in Appendix A so that the local fire official has more than a verbal description.

IMPORTANT – PLEASE READ

Important: The LSC is designed to comply with local fire codes. However, based on the local fire official's review of your dealership, the fire official may impose additional requirements or modifications. If this occurs, please work with your fire official to identify and remediate the concerns. Please go to the C.L.E.A.N. Dealer website (http://cleandealer.com) or call the EH&S Hotline (877-572-4347) for additional assistance.

2. **Confirm that you can conduct the LSC in compliance with applicable fire code, building, and zoning requirements.**

   Locate your city/town/county on Table 1 (starting at page 53) to see whether it has any additional building or zoning requirements applicable to the LSC and contract your local officials as indicated.

I. SUMMARY OF APPLICABLE STATE REQUIREMENTS

A. Fire Code[2]

1. The LSC does not require a state fire permit under the state fire code, and Appendix A contains a concurrence from the Vermont State Fire Marshal that the LSC complies with the State Fire Code, provided that the dealership complies with the restrictions imposed by the State Fire Marshal. **However, the LSC may trigger procedures for review and permitting by your local fire official.**

Regulatory Note: Your dealership is assumed to already comply with existing fire code requirements (e.g., sprinkler systems, ventilation, etc.).

IMPORTANT! – FIRE CODE INFORMATION

In addition to permitting requirements, you must also comply with items 2 and 3 below as part of your implementation of the LSC.

2. The LSC must be conducted consistent with state laws regarding ventilation and fire suppression controls, which require:

a. Adequate ventilation in the service area that meets fire and building code requirements where the LSC is conducted; **and**

b. No open flames or spark-producing equipment or appliances are permitted within 20 ft of the LSC operations; **and**

Compliance Note: *The Vermont State Fire Marshal has interpreted the requirement in 2(b) to mean* ***that none of the following may be present in the bay(s) adjacent to the LSC work area while spraying is ongoing: (a) Sparks; (b) Flames; (c) Smoking; or (d) Vehicles with ignition "ON."***

This requirement means that (i) vehicles must not be driven into or out of an adjoining bay while LSC spray operations are in process, and (ii) vehicles in the adjacent bay(s) must be allowed a chance to cool so that the temperature of any hot surfaces is reduced below the flash point of the material being sprayed (105° F for x128T) before spraying starts. In recognition of this limitations, we recommend that vehicles be moved manually in and out of the bays adjacent to the LSC work area manually while spraying is ongoing.

IMPORTANT – PLEASE READ

[2] Vermont has adopted the National Fire Protection Association's Uniform Fire Code – NFPA 1 (2004/2005 ed.).