



CITY OF TORRINGTON
REQUEST FOR BID

BID # LTP-022-092205
REPAIR & REPAINT LADDER TOWER TRUCK

Date of bid opening: Sept. 22, 2005 Time: 10:30 AM Location: Room 109A, City Hall

Bid Bond or Certified Check required with bid: 5%

Submit an original bid and a duplicate copy.

The City of Torrington reserves the right to accept or reject any or all bids or any portion thereof, to waive technicalities, and to award the contract as will best serve the public interest.

Omit State and Federal Taxes.

All prices must be F.O.B.: Destination (Torrington) unless otherwise requested.

Dated in Torrington: Sept. 1, 2005 Purchasing Agent _____
Charlene R. Antonelli, CPPB

Item	PRICE
REPAIR AND REPAINT TORRINGTON LADDER TOWER TRUCK PER SPECIFICATIONS # OF WORK DAYS REQUIRED	\$ _____ _____ days

Bid Submitted By: _____
Name of Company _____
Address _____

Phone _____ Fax _____
Delivery Date _____ (ARO)

Web Page _____

Comments: _____

Signature

Title

Date _____

E-mail _____

INSTRUCTIONS TO BIDDERS

Sealed bids will be received by the Purchasing Agent, Room 109A, 140 Main St., Torrington, CT until the time and date specified on the cover sheet and opened thereafter in the Purchasing Department, Room 109A. Bids received later than the time specified will not be accepted. Amendments to or withdrawal of any section of the submitted bid received later than the time & date set for the bid opening will not be considered. Bid proposals must remain in effect for a minimum of 30 days unless otherwise noted elsewhere in the bid specifications.

BID DOCUMENTS: are available over the Internet on the City's web page, under "open bids", www.torrington-CT.org. Businesses without internet access may contact the Purchasing Department at 860-489-2224 for the bid documents. Any alleged oral agreement made by a bidder or contractor with any agency or employee of the City of Torrington will be disregarded.

FREIGHT: Prices quoted shall be net delivery **F.O.B. Torrington, CT**. All bid prices must include prepaid delivery, assembly, and/or installation (ready for operation and/or use) of all equipment and/ or materials to the individual locations(s) as designated by the Purchasing Agent. All bid prices are to be submitted on the sheets provided on this bid. Quantities and pricing are to be listed in accordance with these sheets.

EXPARTE COMMUNICATION: Please note that to insure the proper and fair evaluation of a bid, the City of Torrington prohibits exparte communication (i.e., unsolicited) initiated by the Bidder to a City Official or Employee evaluating or considering the bids prior to the time a bid decision has been made. Communication between Bidder and the City will be directed in writing to the Purchasing Agent only. The Purchasing Agent will obtain the information or clarification needed. Exparte communication may be grounds for disqualifying the offending Bidder from consideration or award of the bid and repeat offenders may be disqualified from future bids.

QUESTIONS: Request for interpretation of any portion of the bid shall be made to the Purchasing Agent at (860) 489-2225. All replies will be given verbally and a copy of any such inquiry and advice (if deemed vital to the bid by the Purchasing Agent) will be made available to each prospective bidder. Bidders should check the web site for addendums/updates 48 hours prior to the bid opening.

In the event of receipt of identical bids as to offerings, delivery, service, content, price, etc., the bid will be awarded in accordance with the information contained in the bid document, based on first received as to date and time of receipt of the bid.

NON-COLLUSION STATEMENTS: In order for bids to be considered, a non-collusive statement must be submitted with the bid. A sample non-collusive bid statement is attached. Bidders may elect to submit their own notarized non-collusion statement.

CONDITIONAL, QUALIFIED OR NON-RESPONSIVE BIDS/PROPOSALS: All bids/proposals shall be submitted in the form and manner as indicated by the bid documents and bid forms. Any proposal which is not submitted in the form and manner indicated by the bid documents or which contains information, statements, conditions, or qualifications which place conditions or qualifications on the proposal submittal for purposes of making an award, or which alter any proposal terms, conditions, specifications, or forms, which has not been previously approved by written addendum from the Purchasing Agent, or which does not meet legal requirements, shall be declared as a qualified, conditional, or non-responsive proposal and shall be rejected without further consideration. Any proposal response that does not fully respond to and comply with all detailed specifications or requests for information including execution of proposal forms, may be declared "non-responsive" and recommended for rejection. The City of Torrington shall not be responsible for any errors or omissions of the Offeror.

UNBALANCED BIDS AND/OR EXCESSIVE LINE ITEM PRICES: The City reserves the right to reject any bids in which unit prices, in the sole opinion of the City, are unbalanced. In addition, where the City has decided to make an award, it further reserves the right to non-utilize a particular line item that in the sole opinion of the City is excessively priced, and reserves the right to obtain that item from another source.

CONTRACT: A response to an Invitation To Bid is an offer to contract with the City of Torrington based upon the terms, conditions, and specifications contained in the City's ITB. Bids do not become contracts unless and until executed by the City, eliminating a formal signing of a separate contract. For that reason, all of the terms and conditions of the contract are contained in the ITB, unless any of the terms and conditions are modified by an ITB Amendment, a Contract Amendment, or by mutually agreed terms and conditions in the contract documents.

TAXES: Omit all State and Federal taxes from the bid. The City of Torrington is exempt from the payment of taxes imposed by Federal government and/or the State of Connecticut.

OWNERSHIP OF DOCUMENTS: All documents, including drawings, plans, specifications, videotapes, or other documents or maps prepared by a contractor pursuant to any agreement arising from this bid shall become the property of the City of Torrington upon completion of the project or any termination of the project prior to the completion of the project.

LEGALITY: All bid offers for commodities, work, materials, or equipment hereunder shall comply in every respect with the laws, specifications and requirements of the State of Connecticut and the Federal government. Contractor will comply with the provisions of the Connecticut Fair Employment Practices Law.

LANGUAGE DISPUTES: Any disputes over the interpretation and/or meaning of any individual terms, conditions, and/or language within this Request for Bid/Proposal document shall be resolved by and at the sole discretion of the City Purchasing Agent in a manner that is in the best interest of, and best advantage to, the City of Torrington, provided any such interpretation shall be reasonable. In the event that an individual term, condition, and/or language wording is determined at any time, including after award, by the City Purchasing Agent to be "not applicable at all" to his contract, then the term, condition, and/or language wording may be disregarded, even though an addendum is not issued. However, if the Purchasing Agent determines that the term, condition, and/or language wording "is applicable in part", then the term, condition, and/or language wording will apply to the degree applicable, even though an addendum is not issued.

RESPONSIBILITY: The Contractor shall save the City of Torrington, its agents or employees, harmless from liability of any kind for all claims of labor payments and materials furnished for this work, and for use of any copyrighted or uncopyrighted composition, secret process patented or unpatented invention, article or application furnished or used in the performance of the contract of which the Contractor is not the patentee, assignee, or licensee. The successful bidder agrees to indemnify and hold harmless the City of Torrington, its agents and employees from any and all liability arising out of the successful bidders' operations, functions and/or supplied items.

The successful bidder, vendor, and/or contractor must protect all property of the City of Torrington (i.e. all floors, furniture, grass, land, etc.) from injury or other damage. Any damage so caused must be repaired by contractor/vendor at his/her own expense. At the completion of work, the vendor and/or contractor must remove from the premises all surplus materials and all debris created by same. The premises must be left in a broom-clean and finished condition acceptable to the owner or its agents. Successful bidder will furnish adequate protection from damage for all work and to repair damage of any kind; for which he or his workers are responsible, to the premises or equipment to his own work or to the work of other contractors.

DEFAULT: It shall be understood that a bidder supplying equipment and/or supplies will be considered to be in default if/when they have not delivered the item(s) within the time constraints listed in this document or subsequent purchase orders and/or contract. Bidders providing a service and/or construction will be considered to be in default if/when they have failed to meet the completion date set forth in this document or its subsequent contract and/or purchase orders and/or they have ceased work on the project for a period of fifteen (15) working days, cumulative or consecutive.

SUSPENSION AND DEBARMENT: The Purchasing Agent may suspend or debar the right of a vendor to be included on the vendor list and has the authority to reject any bid or response from any suspended or debarred vendors.

Suspension: A vendor may be suspended based on the following:

- 1) A vendor defaults or fails to fully comply with the conditions, specifications, or terms of a Bid, Quotation, Proposal or Contract with the City of Torrington.
- 2) A vendor commits any fraud or misrepresentation in connection with a Bid, Quotation, Proposal, or Contract with the City of Torrington.
- 3) A vendor is charged by a court with the commission of a criminal offense as incident to obtaining or attempting to obtain a public or private contract or sub-contract, or in the performance of such contract or sub-contract
- 4) A vendor is charged by a court with the following: embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, or any other offense indicating a lack of business integrity or business honesty which currently, seriously, and directly affects responsibility as a City contractor. If charges are dismissed or the vendor is found not guilty, the suspension shall be lifted automatically upon written notification and proof of final court disposition provided by the vendor to the City of Torrington.
- 5) A vendor becomes insolvent, has proceedings in bankruptcy instituted against it or, compounds its debts or assigns over its estate or effects for payment thereof, or has a receiver or trustee appointed over its property.
- 6) A vendor's commission of any act or omission to perform act is grounds for debarment.
- 7) A vendor violates the ethical standards set forth in local, state, or federal law.
- 8) Any other cause the Purchasing Agent determines to be so serious and compelling as to materially and adversely affect responsibility of a vendor as a City contractor, including but not limited to suspension by another government entity

Debarment: A vendor may be permanently debarred for the following:

- 1) Default or failure to fully comply with the conditions, specifications, drawings, or terms of a bid, proposal, or contract with the City of Torrington twice in any three-year period.
- 2) Conviction of or judgment obtained in a court for commission of those offenses in connection with the vendor's commercial enterprise stated sections 3) or 4) of suspension section listed above. If the conviction is reversed through the appellate process, the debarment shall be removed upon written notification and proof of final Court disposition from the vendor to the City of Torrington.

QUANTITY: The quantities and/or materials listed in the specifications/bid sheets may be increased or decreased by the City of Torrington or its designated representative based on actual need at the time the purchase orders are placed.

QUALITY: The City of Torrington reserves the right to reject any proposal in whole or in part offering equipment and/or materials and/or services that in its or its agents opinion does not meet the quality standards desired. Such decision is final and not subject to further recourse by the bidder.

SAMPLES: forwarded by the bidder will be returned to the bidder at his request and expense. Requests for return of samples must be submitted in writing at the time the sample is given to the City of Torrington or its representative. Samples not returned to the bidder will be disposed of at the discretion of the City of Torrington or its designated representative. Large pieces of equipment submitted for evaluation and inspection are to be picked up by the bidder within 30 days of the bid opening date. Items remaining with the City of Torrington after 30 days will be discarded.

AWARD: It is the intent to award this bid in its entirety to one bidder, however, the City reserves the right to award the bid line item by line item if it is deemed in its best interest to do so. In addition, bidders are advised that should budgetary constraints dictate, part, and/or all the items in this bid may be rejected. This decision shall be considered final and not subject to recourse by the bidder.

In determining the lowest or highest responsible bidder, the City reserves the right to consider, in addition to price, the compatibility, quality, cost of maintenance and availability of parts, experience and/or past performance of the bidder, sufficiency of the financial resources of the bidder as relates to the offerings as well as the ability of the bidder to provide future maintenance and service.

Documents previously submitted to the city of Torrington will not be considered as satisfying submission requirements for this bid.

No bidder can claim any contract rights by virtue of bidding alone. Awarding of the contract means actual written notice by letter and a properly executed purchase order to the bidder or bidders to whom the bid has been awarded.

BONDS:

Performance Bond: The Contractor, when awarded the Bid, must submit within 10 days of the bid award, and before beginning the work or signing a contract, a Performance Bond amounting to one hundred percent (100%) of the total amount of the bid. Said performance bond must be in favor of the City of Torrington and executed by a surety company authorized to do business in the State of Connecticut. The City of Torrington reserves the right to retain the Bid Bond or Certified Check on bids below \$25,000.00 as a Performance Bond. On bids of \$25,000.00 or more the Performance Bond may be furnished in the following manner: Performance Bond, Surety Bond, Certified Check, Bank Check, Savings Account in both the City & Vendor's name or Letter of Credit

Maintenance Bond: The contractor, upon signing a contract and before beginning the work, must submit to the Purchasing Agent a Maintenance Bond to guarantee that if defects in either labor or materials become evident within one year after completion and acceptance of work will be fixed at no cost to the City of Torrington. The maintenance bond may be included as a portion of the Performance bond or as a separate bond. If it is issued as a separate bond said maintenance bond must be in favor of the City of Torrington and issued by a surety company licensed and authorized to do business in the State of Connecticut.

Labor and Material Bonds: Per Section 49-41 of the Conn General Statutes, on Public Works project where the estimate is in excess of \$25,000.00, a labor (payment) and material bond must be furnished to the City. Said bonds must be filed with the Purchasing Agent prior to the commencement of work.

Consent for Release of Final Payment: AIA Document G707 & G706, or equivalent, must be signed and returned by the Surety Company before final payment will be released to the contractor.

INSURANCE:

Certificate of Insurance: All insurers must have an AM Best rating of A-V11 or better and admitted to do business in the State of Connecticut. All insurance policies must include a Waiver of Subrogation whereby the insured waives its right to subrogate against the City, its subsidiaries, employees, volunteers, directors and officers. Proof of proper insurance coverage, Workers Compensation Insurance, Liability and Property damage, and Vehicle Insurance shall be filed with the City of Torrington Purchasing Agent within 10 days after the award of the bid. The Certificate of Insurance must name the City of Torrington, 140 Main St., Torrington, CT, its subsidiaries, employees, volunteers, directors & officers as the additional insured and filed with the Purchasing Agent ten (10) prior to commencement of work. Renewal Certificates of Insurance must be mailed to the Purchasing Agent 10 days prior to the expiration of the required coverage.

Workman's Compensation Insurance: The Contractor shall take out and maintain during the life of the contract adequate Workman's compensation Insurance for all the employees employed on said work. In case any class of employees or subcontractors is engaged in hazardous work under the contract at the site of the work is not protected under the Workman's Compensation statute, the contractor shall provide Workman's Compensation Insurance for the protection of employees not otherwise protected.

Liability Insurance: The Contractor shall take out and maintain for the life of the contract, adequate public liability insurance insuring against liability to persons not employed by him in an amount of not less than \$1,000,000.00 for injuries, wrongful death to any one person and subject to the limit for each person in an amount of not less than \$2,000,000.00 on account of one accident and property damage insurance in an amount of not less than \$1,000,000.00.

Vehicle Insurance: The Contractor shall take out and maintain for the life of the contract, adequate automotive/truck or other vehicle insurance with minimum coverage of \$1,000,000.00 each for both liability and under insured and uninsured motorist as well as any other coverage required by the State of Connecticut or requested by an official of the City of Torrington as relates to the contract.

Additional Security: The City of Torrington reserves the right to require successful bidders to enter into and such security arrangements as are deemed necessary to protect the City of Torrington, its property and goods.

PERMITS: The successful bidder agrees to obtain all work/building permits as might be required. The cost of obtaining such permits is the responsibility of the bidder. The City of Torrington reserves the right to waive local permit fees. In addition, it shall be understood that where property lines are to be considered, bidders are to verify said lines and measurements with proper City Officials prior to commencement of work.

It is to be understood that any/all specifications and/or plans or drawings contained in or developed as a result of the bid process are and shall be presented subject to the approval of the City of Torrington planning, zoning and building officials and that awards made prior to said approval are subject to cancellation.

PREVAILING WAGE: When the State of Connecticut Prevailing Wage Rate is applicable to the bid, the successful bidder must submit a Certified Payroll Record prior to any request and/or invoice for payment.

CITIZENSHIP: Each employee of the Contractor shall be a citizen of the United States or an alien who has been lawfully admitted for permanent residence as evidenced by an Alien Registration Receipt Card. The Contractor agrees not to employ any person undergoing sentence of imprisonment except as provided by Public Law 89-176, September 10, 1965, (18 USC 4082)(c)(2).

SAFETY:

Machine and/or Equipment Hazard Assessment and Safety Training: Upon delivery of machines and/or equipment, suppliers are required to provide to the end-user employees, at no additional charge, a training session that will emphasize hazard awareness and assessment and the safe use of such machinery/equipment.

Occupational Safety and Health Act of 1970: Seller shall warrant that the machinery, equipment or other materials covered hereby shall upon delivery to the City of Torrington, be in compliance with the standards required by said Act and any updates as pertain to or reference said Act as well as the standards required by comparable State and local laws, if any, for such machinery, equipment or other materials in effect at the time of delivery.

Machines and/or Equipment Lockout/Tagout: In an effort to comply with OSHA's final rule on the control of hazardous energy sources, vendors must warrant that any and all machines and/or equipment as is covered under this bid will be supplied and/or installed equipped with lockout/tagout devices as prescribed by OSHA.

Toxic Substance Control Act (PL94-469): Seller warrants that each and every chemical substance constituting or contained in the products sold or otherwise transferred to the City of Torrington under this bid and subsequent purchase orders is not on the list of prohibited chemical substances compiled and published by the Administrator of the Environmental Protection Agency pursuant to Act PL94-469 and are otherwise in compliance with said Act.

Hazardous Materials: Any materials required by this bid and subsequent purchase orders that are hazardous under federal, state, or local statute, ordinance, regulation, or agency order will be packaged, labeled, marked and shipped by the seller to comply with all federal, state and local regulations then in effect including but limited to the provisions of the Hazardous Materials Transportation Act and Regulations promulgated thereunder and will further comply with any special requirements and any policies and procedures of the City of Torrington relating to the purchase of hazardous materials as might be noted on subsequent purchase orders or otherwise communicated to seller in writing.

Material Safety Data Sheets: Shall be provided by the Seller upon delivery to the City of Torrington of any goods having constituents listed in the following references - OSHA 1910, ACHIG Current Threshold Values, DOT HazMat Table 49, IARC Carcinogen List, National Toxicology Program Carcinogen List, and/or Radioactive Materials. These Material Safety Data Sheets must be consistent with and include information required by the OSHA Hazard Communication Standard published as 29 CFR 1910.1200, as the same may be amended or supplemented from time to time.

Asbestos: Bidders are advised that asbestos-containing material may be located in the boiler rooms, pipe tunnels, storage areas and various portions of City buildings. Before proceeding on any contractual work on City buildings or their interiors, it is mandatory that bidders familiarize themselves with the asbestos-containing material and that said material be considered as a health hazard and all precautionary measures according to the Ahera Rules & Regulations be observed. It is the bidder's responsibility to notify all employees and/or subcontractors of this notification.

SUBCONTRACTORS: The successful bidder shall not employ any subcontractor to fulfill any of the duties herein specified without express, prior written approval of the City of Torrington or its designated agent.

EEO: The successful bidder shall provide any/all additionally required, affirmative action statements, fair employment plans and non-discrimination programs and statement as might be required by the City of Torrington. In connection with the execution of this bid, subsequent purchase orders and/or contracts, the seller shall not discriminate against any employee or applicant for employment because of age, race, religion, color, sex or national origin. Bidders must comply with all rules & regulations of the Department of Labor with regard to Equal Employment Opportunities as pertains to municipalities.

TERMINATION OF CONTRACT: Any contract entered into by the City and the successful bidder shall provide that the City may terminate the contract upon thirty (30) days notice to the bidder.

The City of Torrington reserves the right to award or reject any or all bids, or any portion thereof, to waive technicalities, and to award the bid and/or contracts to one or more bidders submitting essentially identical proposals and, that in the city's judgment, will best serve the public interest.
The terms and conditions of these "Instructions To Bidders" are made a part this bid.

SAMPLE FORM

Bid # _____

NON-COLLUSION AFFIDAVIT

STATE OF _____ COUNTY OF _____

I, _____, being first duly sworn, deposes and says that:

1. I am _____ of _____, the bidder that has submitted the attached request for proposal for _____;
2. I am fully informed respecting the preparation and contents of the attached RFP and of all pertinent circumstances respecting such bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties of interest, including this affiant, has in any way colluded, conspired, connived or agreed directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the work for which the attached Bid has been submitted nor has it in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the price of any Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Torrington or any person interested in the proposed Bid; and
5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of it agents, representatives, owners, employees, or parties in interest, including this affiant.

Signed _____

Title _____

Subscribed and sworn to before this _____ day of _____, 20____.

Notary Public

My commission expires _____

SAMPLE FORM

BID # _____

**CONSENT OF SURETY COMPANY
TO RELEASE FINAL PAYMENT**

City
Architect
Contractor
Surety
Other

PROJECT/BID NUMBER :

TO: City of Torrington
 Attn: Purchasing Agent
 140 Main Street
 Torrington, CT 06790

CONTRACTOR: _____

In accordance with the provisions of the Contract between the City of Torrington and the Contractor as indicated above, the (insert name & address of Surety Co.)

_____, SURETY COMPANY on bond of (insert name & address of Contractor) _____

CONTRACTOR, hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety Company of any of its obligations to the CITY OF TORRINGTON as set forth in the Surety Company's bond.

Subscribed and sworn to before this
_____ day of _____, 20__.

Surety Company

Notary Public

Authorized Representative's Signature

My commission expires _____

Title

BID # LTP-022-092205
SPECIFICATIONS TO REPAIR AND PAINT THE CITY OF
TORRINGTON'S LADDER TRUCK

The City of Torrington is seeking bids to repair and refinish their 1996 LTI Ladder Truck. The Truck will be repaired and refinished using the below listed materials and procedure.

1. Paint: PPG Delfleet base coat clear coat and related undercoats only, matched to existing paint color presently on truck.
2. To receive the PPG seven (7) year warranty, a Certified PPG Technician at a PPG Certified Location must apply product.

Following the above listed procedure for repair and refinishing will assure PPG's seven (7) year warranty. This warranty will be provided to the City of Torrington in writing by successful bidder upon completion of work.

Any door handle, hinge, fixture or bolted item attached to this truck shall be removed and reinstalled using the Mylar film technique described in Freightliner's Service Bulletin #98-19 (copy attached to bid documents).

If body filler is required, contractor shall use only US Chemical "All Metal" Aluminum repair #14010.

The truck will be refinished all around from the cab drip edge down. The same color complement will be followed and the decals replaced. The City of Torrington will provide the contractor with the City of Torrington Seals.

The windshields and some glass on the truck need to be replaced. The City of Torrington will contract a glass vendor to repair and or replace the glass. This glass contractor shall perform this work at the paint contractor's facility. Some of the glass has to be removed prior to the repairs and refinishing. After the repairs and refinishing are complete the glass contractor shall reinstall or replace the glass. The City of Torrington understands this and will assure that the contracted glass vendor does it properly.

If you have any questions and would like to make an appointment to view the truck contact Michael Michaud Fleet Manager at 860 489-2349.

LIQUIDATED DAMAGES: Bidder shall specify the number of days after notice of award that is required to complete the job (+/- 5 working days). Proposals requiring more than 25 working days will not be considered. With the exception of Force Majure (Acts of God), liquidated damages in the amount of \$250. per day shall be enforced.









Body Paint Repair Process

98-19

FLA COE
FLB COE
FLD Conventional
Business Class

FLC 112 Conventional
Century Class Conventional
Argosy COE
Cargo

Columbia
Conder
Coronado
> Business Class M2

**Freightliner
Service Bulletin**

Description of Revision: This bulletin replaces the previous version dated August 2004. The Fire Body Kit vendor information has changed.

General Information

The following procedure outlines the body paint repair procedure for Business Class M2 vehicles that are equipped with ambulance bodies. This procedure is to be used to eliminate galvanic and/or crevice corrosion and to prep the unit for repainting regardless if it's a retail or warrantable repair.

IMPORTANT: In order to prepare the body for paint repair, a kit should be ordered from Ferguson Enterprises. It is identified as Fire Body Repair Kit #1. Please call (843)-486-7722 to order the complete kit. See Table 1 for the Fire Body Repair Kit #1 materials list. See Table 2 for materials selection and Table 3 for paint gun and paint booth setup.

Preparation

CAUTION

Only experienced, qualified persons using proper equipment should attempt repainting or touch-up painting. Incorrect application of chemicals or paint could damage the surface or impair the finish.

1. Wash the vehicle body to remove all dirt and contaminants.
2. Remove all hinges, fenderettes, diamondettes, and light fixtures.
3. Sand the body to remove all corrosion.
4. Remove all seam sealant around the extrusions. Clean out all residual debris from the extrusions.
5. Use compressed air to blow dirt and contaminants from all surfaces, especially in the extrusions.
6. Remove all stainless steel fasteners that are in the door extrusions and coat them with Dolphin 6075 Corrosion Bloc™ paste.

Surface Treatment and Conversion Coating

1. Wipe Paracosol® 263 Metal Cleaner on all bare metal surfaces, then wipe it off.
2. If the body is aluminum, wipe on Alodine® 5700 Conversion Coater, and let it dry in place.
3. Apply two-part polyester fillers or primer immediately after the pre-treatment is dry.

Priming

WARNING

Wear a positive-pressure, supplied-air, vapor and particulate respirator approved by NIOSH or MSHA (TC-19C), while spraying Imron® 5000, and until the work area has been exhausted of all vapor and spray mist. Breathing paint vapor or spray mist can cause personal injury.

1. Use a tack cloth on all surfaces.
2. Prime all surfaces with DP40LF (Gray) or DP90LF (Black) Epoxy mixed with DP401LF or DP402LF Catalyst (2 to 1 mix ratio) and 1/2 part DT Solvent. Cure for 30 to 60 minutes.

98-19

Body Paint Repair Process

Freightliner Service Bulletin

FLA COE
FLB COE
FLD Conventional
Business Class

FLC 112 Conventional
Century Class Conventional
Argosy COE
Cargo

Columbia
Condor
Coronado
> Business Class M2

3. Prime all surfaces with Delfleet® Evolution F3983 mixed with F3984 (3 to 1 mix ratio). Cure for 30 minutes.

Caulking and Sealing Exterior Cosmetic Extrusion Joint

1. Sand all exterior cosmetic extrusion joints, then fill them using two-part polyester fillers.
2. Apply Royal Adhesive Solid Bond® caulking around the perimeter of the door extrusions. Seal all cosmetic surfaces. Cure for 2 to 3 hours.

Basecoat and Clearcoat Topcoat

1. Seal prime the body with DP40LF (Gray) or DP90LF (Black) Epoxy mixed with DP401LF or DP402LF Catalyst (2 to 1 mix ratio) and 1/2 part of an appropriate solvent. Cure for 30 minutes.
2. Apply Delfleet® Basecoat Urethane. Mix the materials per manufacturer's instructions.
3. Clearcoat with DCU® 2002 or DCU® 2035 Urethane. Mix the materials per manufacturer's instructions.
4. Bake for 45 minutes at 140°F (60°C), or air dry overnight for 24 hours prior to installation of the hinges, fenderettes, and light fixtures.

NOTE: Cut and polish the paint as needed to remove dirt, imperfections, and orange peel.

Exterior Underbody Sealing and Caulking

Apply Royal Adhesive Solid Bond around the underside perimeter of the body to seal all joints from moisture.

Hinge and Light Fixture Installation

1. Install the hinges using Mylar® film between all the hinges to the frame and all the hinges to the extrusions to insulate from dissimilar corrosion.
2. Install the light fixtures using Dolphin 6075 Corrosion Bloc paste around all the openings and fasteners.

Fenderette Installation

1. Apply Mylar film to the perimeter of the wheel well openings.
2. Apply Dolphin 6075 Corrosion Bloc to all stainless steel fasteners used to secure the fenderette to the body.

Diamondette Installation

1. Apply 3M™ foam tape to the diamondette, vertically only. Do not apply horizontally.
2. Apply Dolphin 6075 Corrosion Bloc to all stainless steel fasteners used to secure the diamondette to the body.
3. After installation, apply Royal Adhesive Solid Bond caulk to the top and the sides of the installed diamondette. Do not apply caulk to the bottom.

Exterior Metal Grab Handles and Brackets Installation

1. Apply Mylar film between any metal exterior part and any painted surface.
2. Apply Dolphin 6075 Corrosion Bloc to all stainless steel fasteners used to secure metal parts.

Body Paint Repair Process

98-19

**Freightliner
Service Bulletin**

FLA COE
FLB COE
FLD Conventional
Business Class

FLC 112 Conventional
Century Glass Conventional
Argosy COE
Cargo

Columbia
Cander
Coronado
→ Business Class M2

Warranty

This bulletin is for informational purposes only.

NOTE: Material Safety Data Sheets are included with all materials. Order materials through Ferguson Enterprises at (843)-486-7722.

Fire Body Repair Kit # 1				
Material	Product Number or Size	Quantity Required	Part Number	Where Used
Mylar® Tape	UHMW, 2-inch wide x 18 yards	4 Rolls (72 Yards)	710	All Hinges and Fenderettes
Dolphin™	6075, One-Pint Can with Dauber	1 One-Pint Can with Dauber	6075	Between All Joints and All Stainless Steel Fasteners
3M™ Foam Tape	VHB4646, 1-inch wide x 72 yards	2 Rolls	200-104	Diamondette Plate
Royal Adhesive Solid Bond®, Gray or White	20-Ounce Cartridge	4	200-286	Underbody and Diamondette Plate Cosmetic Seam Seal
Alodine® 5700	40 Wipes/Package	1	700-237	Aluminum Body Pretreatment
Parcosol® 263	40 Wipes/Package	1	700-218	Aluminum, Steel, and Stainless Steel Cleaner

Table 1, Fire Body Repair Kit #1

Application Area	Material Selection	
	Product	
Cleaning—Metal Substrate	Henkel Parcosol® 263 Wipes	
Cleaning—Plastic or Fiberglass	PPG DX 103 (if needed)	
Surface Treatment	Henkel Parcosol 263 Wipes for Aluminum, Galvanized, Galvanneal, and Stainless Steel	
Conversion Coat	Henkel Alodine® 5700 Wipes for Aluminum	
Seam Sealant (Underbody)	Royal Adhesive Solid Bond® DC 12250 (White or Gray)	
Seam Sealant (Cosmetic)	Royal Adhesive Solid Bond DC 12250 (White or Gray)	
Primer	DP40LF (Gray) or DP90LF (Black) Primer	
	DP401LF or DP402LF Catalyst	
Basecoat and Catalyst	Delta® or Delfleet® Color	
	GXH 3640, DU 6 or DDH 526 Catalyst Global or DT Reducers	
Clearcoat and Catalyst	DCU 2002 or DCU 2035 Clearcoat	
	DCX8 or DCX81 Catalyst Global Reducers	
	DX 830 Universal Blender	

Refinish Products
19699 Progress Drive
Strongsville, OH 44149

Product ID: MS251 (0808)
PRODUCT NAME: MULTI-PURPOSE SOLVENT

Health (chronic): No
Fire (flammable): Yes
Pressure: No
Reactivity: No

WHMIS HAZARD CLASS: - Class B, Division 2 - Class D, Division 2,
Subdivision A

STATE/PROVINCIAL REGULATIONS

CALIFORNIA PROP. 65: WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Additional Information

Key: IARC- International Agency on the Research of Cancer; ACGIH- American Conference of Governmental Industrial Hygienists; NTP- National Toxicology Program *Denotes chemical as NTP Known Carcinogen; + Denotes NTP Possible Carcinogen; OSHA- Occupational Safety and Health Administration.

SECTION 16 - OTHER INFORMATION

Hazard Rating Systems

NFPA Rating: 3 30

HMIS Rating: 3 30

Rating System: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe.
*=Chronic Effects.

HMIS=Hazardous Materials Identification System; NFPA=National Fire Protection Association;

Safe handling of this product requires that all of the information on the MSDS be evaluated for specific work environments and conditions of use.

PREPARED BY: Product Safety Department

REASON FOR REVISION: Section 8 has been updated. Section 2 has been updated. Changes to this section may also result in changes in sections 8, 11 and/or 15. Section 14 has been updated. Date. Edition. Updated MSDS format.

This Material Safety Data Sheet has been prepared in accordance with Canada's Workplace Hazardous Materials Information System (WHMIS) and the OSHA Hazard Communication Standard (29 CFR 1910.1200), the supplier notification requirements of SARA Title III, Section 313 and other applicable right-to-know regulations.

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

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*** END OF MSDS ***