

**STATEMENT OF WORK  
FOR THE  
Compressor Unit, Rotary: Air, Trailer Mounted, 250 CFM,  
P-250-WDM-H268  
NSN 4310-01-158-3262  
COMPONENT OF  
NSN 3820-00-950-8584  
Inspect Repair Only As Necessary  
(IROAN)**

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STATEMENT OF WORK FOR THE  
Compressor Unit, Rotary: Air, Trailer Mounted,  
250 CFM, P-250-WDM-H268  
Inspect Repair Only As Necessary (IROAN)  
NSN 4310-01-158-3262

1.0 SCOPE. This Statement of Work (SOW) establishes and sets forth tasks and identifies the work efforts that shall be performed by the Contractor in the IROAN effort of the **Compressor Unit, Rotary: Air, Trailer Mounted, 250 CFM P-250-WDM-H268**, hereafter referred to as the **250 CFM**. This document contains requirements to restore the **250 CFM** to Condition Code "A." Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction. This includes materiel with more than 6 months shelf-life remaining." National Stock Number (NSN) **4310-01-158-3262** shall be known as the **250 CFM**.

1.1 Background. IROAN is defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment components or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Specifications

MIL-C-46168 Coating, Aliphatic Polyurethane, Chemical Agent Resistant

MIL-C-53039 Coating, Aliphatic Polyurethane, Single Component, Chemical Agent Resistant

2.2 Military Standards

MIL-STD-129 DoD Standard Practice for Military Marking

MIL-STD-130 DoD Standard Practice for Identification Marking of US. Military Property

2.3 Other Government Documents and Publications

ATPD 2241 Vehicles, Wheeled- Preparation for Shipment and Storage of

DOD 4160.21-M-1	Defense Demilitarization Manual
DOD 4000.25-1-M	MILSTRIP Manual
LI 08917A-12	Compressor, Rotary: Air, DED, 250 CFM, 100 PSI, Trailer Mtd
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Material From The Federal Supply System
TM 08917A-14	Compressor, Rotary: Air, DED, 250 CFM, 100 PSI, Trailer Mtd
TM 08917A-24P	Compressor Unit, Rotary: Air, Trailer Mounted, 250 CFM P-250-WDM-H268
TM 3080-50	Corrosion Control Procedures Depot Maintenance Activities for Marine Corps Equipment
TM 4700-15/1H	Ground Equipment Record Procedures
TM 4750-15/1	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment
TM 4750-15/2	Camouflage Paint Patterns

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance
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2.4 Industry Standards

ANSI/ISO/ASQC Q9002-1994 -	Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing
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Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management
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Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the

contracting officer: Commander, Marine Corps Logistics Bases, (Code 891) Attn: Contracting Officer, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (229) 639-6753 or DSN 567-6753. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 851-3, 814 Radford Blvd STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

### 3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall:

a. Provide materials, labor, facilities, missing parts, and repair parts necessary to inspect, diagnose, restore, and test the **250 CFM**. Upon completion of IROAN, repaired equipment shall be Condition Code "A".

b. Provide all tools and test equipment required to test, inspect, repair, and calibrate the **250 CFM**.

c. Conduct in-process and final on-site testing for witness by an MCLB (Code 837-1), Albany, representative.

d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the **250 CFM**.

3.2 Detail Tasks. The following tasks describe the different phases for IROAN of the **250 CFM**.

3.2.1 Phase I - Pre-induction. The Contractor shall perform a pre-induction inspection analysis for each **250 CFM** using the Contractor's diagnosis, inspection and testing techniques to determine extent of work and parts required. This inspection shall include all items associated with the **250 CFM** as found in TM 08917A-14, and TM 08917A-24P. These findings shall be annotated on the Pre-Induction Checklist (Appendix A-1 to this SOW) and shall be provided to the government in accordance with Paragraph 4.0 of this SOW.

3.2.2 Phase II - IROAN. After pre-induction tests and inspections have been completed, repair of the **250 CFM** shall be accomplished by the Contractor in accordance with this SOW. Deficiencies noted on the Pre-Induction Checklist (Appendix A-1) during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of mandatory parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

a. Pre-Induction Checklist (Appendix A-1) - Information recorded on the Pre-Induction Checklist report shall be used as a guide to repair the **250 CFM** system in accordance with this SOW.

b. Technical Instruction (TI) - All TI's not previously applied to the **250 CFM** shall be applied during the IROAN and shall be annotated on Equipment Record Jacket in accordance with TM 4700-15/1H.

c. Corrosion - For corrosion prevention and treatment use TM 3080-50 and LI 08917A-12.

d. Fluid Leaks - The following shall be used as a guide in determining degree of fluid loss:

(1) Class I - Seepage of fluid (as indicated by wetness or discoloration) not great enough to form drops.

(2) Class II - Leakage of fluid great enough to form drops, but not enough to cause drops to fall from the item being checked/inspected.

(3) Class III - Leakage of fluid great enough to form drops that fall from the item being checked/inspected.

**NOTE:**

A Class I Leak, except in fuel or brake systems, is an acceptable condition at any time and does not require corrective action.

e. Belts - Replace all.

f. Data Plates - All required data plates and decals shall be in place and shall be legible. Each repaired **250 CFM** shall have an **IROAN** data plate affixed to the main unit in close proximity to the existing data plate. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/1.

g. Painting/Coating (Exterior/Interior) - If painting/coating is required, refer to TM 4750-15/1 and TM 4750-15/2. The **250 CFM** shall be cleaned in accordance with TM 3080-50, Chapter 4, and coated with Aliphatic Polyurethane Coating, in accordance with MIL-C-46168 or MIL-C-53039.

h. Demilitarization - All end items that are identified as non-repairable and require demilitarization codes, shall be reported to the Marine Corps Logistics Bases representatives Code 837-1, who will provide disposition instructions in accordance with DOD 4160.21-M-1.

i. Hardware

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory, safety, and one-time use items, etc., in accordance with TM 08917A-14 and TM 08917A-24P. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present and operational on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

j. Hoses - All hoses and fittings shall be visually inspected for damage or deterioration. Any hose showing signs of leakage, kinking or separation of outer coating shall be replaced. This inspection shall be performed during the Operational Testing Inspection of the compressor.

k. Cable Assemblies - All cables and cable connections shall be tested and visually inspected for damage or corrosion. Any cable or cable connector showing signs of damage, corrosion or separation of outer coating shall be repaired/replaced and tested with it's respective component/ assembly to assure satisfactory compliance with all operational tests.

l. Filters - Replace all.

### 3.2.3 Phase III - Inspection, Testing and Acceptance

a. Inspection, Testing and Acceptance of the **250 CFM** shall be conducted in accordance with TM 08917A-14.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance tests shall be held at the Contractors' facility. MCLB, (Code 837-1) Albany, Georgia, representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be cleared of all equipment parts, components, etc., not required for the test.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB, (Code 837-1) Albany, Georgia, representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all **250 CFM** repaired under the provisions of this SOW shall be accomplished in accordance with TM 08917A-14. Operational Tests are to be conducted on each **250 CFM** upon completion of repairs and prior to the equipment being returned to stock, to insure the unit will perform as required.

### 3.2.4 Phase IV - Packaging, Handling, Storage, and Transportation (PHS&T).

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long term storage or shipment to overseas destinations shall be in accordance with the Level "A" requirements of ATPD 2241. Items scheduled for domestic shipment, immediate use or short-term storage shall be to Level B requirements.

b. Marking shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment of the

equipment to the pre-designated site(s). The Marine Corps will be responsible for transportation cost associated with shipping the subject equipment to and from the Contractor.

### 3.3 Configuration Management

#### 3.3.1 Configuration Status Accounting (CSA)

a. The Contractor shall record and submit data on retrofit accomplished during Phase II. Any approved Modification Instructions (MIs) or Engineering Change Proposals (ECP's) not previously applied shall be applied during Phase II of the IROAN process.

b. The Contractor shall determine the application status of approved configuration changes by visual inspections to the extent possible. The government will identify the configuration changes to be inspected by furnishing a Configuration Inspection Checklist to the Contractor. The Contractor shall use one checklist per **250 CFM** to record their inspection findings along with other required data.

c. The Contractor shall record serial numbers of the assemblies listed on the Configuration Inspection Checklist. The Contractor shall record the information on the same form that was used to record the application status of configuration changes.

3.3.2 Configuration Control. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 (paragraph 4.3 and Table 4-9) and ANSI/EIA-649 (paragraph 5.3.4) provide guidance for preparing this configuration control document.

3.4 Quality Assurance Provisions. The Contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality System Model for Quality Assurance in Production, Installation, and Servicing. The program shall ensure quality throughout all areas to include processing, assembly, inspection, test, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the Contractor shall be responsible for performance of all inspection requirements. The Government reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements. The Contractor shall provide an Inspection and Test Plan.

3.5 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). GFE is government owned equipment authorized by contract for use by a commercial/Government contractor. It is neither consumed during production nor incorporated in any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into the product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA/Code 827-2), Marine Corps Logistics Bases, Albany, Georgia, will

coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets.

3.6 Contractor Furnished Materiel (CFM). The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event Contractor Furnished Materiel is required for repair parts, the contractor shall requisition through the DoD Supply System. DoD 4000.25-1-M, (MISTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.7 Acceptance. The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps representatives shall be permitted to observe the work or to conduct inspection at all reasonable hours. Final inspection and acceptance testing shall be conducted at the Contractors' facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.

3.8 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB, (Code 837-1) Albany, representative. The Contractor shall, at no additional cost to MCLB, (Code 837-1) Albany, Georgia, provide the following:

a. Develop an approach for modification or correction of all deficiencies.

b. Upon approval of a documented approach, the Contractor shall correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

4.0 REPORTS-All report deliverables shall be submitted in hard copy to Commander (Code 837-1), Marine Corps Logistics Bases, 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, unless directed otherwise in a Contract Data Requirements List.

4.1 Repairable Item Inspection Report. The Contractor shall provide a Repairable Item Inspection Report for each **250 CFM**. The report shall be identified by United States Marine Corps Serial Number.

4.2 Monthly Progress Reports. The Contractor shall provide Monthly Progress Reports summarizing the progress and status of the IROAN Program.

4.3 Pre-Induction Checklist (Appendix A-1). The Contractor shall complete the Pre-Induction Inspection Checklist for each **250 CFM** repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to MCLB, Albany, Georgia, Code 837-1, after final acceptance of the **250 CFM**.

a. The inspection checklist shall contain, but not be limited to the following:

- (1) **250 CFM** serial number. Appendix A-1
- (2) Condition Code of **250 CFM** at receipt. Appendix A-1
- (3) Results of operational test. Appendix A-1
- (4) List of defective parts and assemblies. Appendix B-1
- (5) List of repair parts and assemblies required for repairs. Appendix C-1
- (6) Corrosion prevention methods that shall be used. Appendix A-1

Serial number: \_\_\_\_\_ Condition Code at receipt: \_\_\_\_\_

Results of operational test:

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List of defective parts and assemblies. Appendix B-1

List of repair parts and assemblies required for repairs. Appendix C-1

Corrosion prevention methods that shall be used.

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Inspect all components for operating/malfunction/defective parts per TM 08917A-14. Visually check components for leaks, damage, loose parts & hardware. No disassembly of components is allowed unless the component is determined to be defective.

<b>Component:</b>	<b>Pass</b>	<b>Fail</b>	<b>Remarks:</b>
<b>ENGINE</b>			
<u>Engine Assembly</u>	_____	_____	_____
<u>Crankcase, Block, Cylinder Head</u>	_____	_____	_____
<u>Crankcase, Block, Cylinder Head</u>	_____	_____	_____
<u>Crankshaft</u>	_____	_____	_____
<u>Crankshaft Bearings</u>	_____	_____	_____
<u>Crankshaft Assembly</u>	_____	_____	_____
<u>Vibration Damper And V-Belt</u>	_____	_____	_____
<u>Pulley</u>	_____	_____	_____
<u>Flywheel Assembly</u>	_____	_____	_____
<u>Flywheel And Cover Plate</u>	_____	_____	_____
<u>Pistons, Connecting Rods Piston</u>	_____	_____	_____
<u>And Connecting Rod Assembly</u>	_____	_____	_____
<u>Valves, Camshafts, And Timing</u>	_____	_____	_____
<u>Assembly</u>	_____	_____	_____
<b>Component:</b>	<b>Pass</b>	<b>Fail</b>	<b>Remarks:</b>
<u>Front Cover</u>	_____	_____	_____
<u>Rocker Chamber Cover</u>	_____	_____	_____



<u>Air Duct</u>	_____	_____	_____
<u>Air Blower Cover</u>	_____	_____	_____
<u>Fan Assembly</u>	_____	_____	_____
<u>Idler Pulley And Cover</u>	_____	_____	_____
<u>Air Blower</u>	_____	_____	_____

**ELECTRICAL SYSTEM**

<u>Generator, Alternator</u>	_____	_____	_____
<u>Alternator Mounting</u>	_____	_____	_____
<u>Generator, Alternator</u>	_____	_____	_____
<u>Alternator</u>	_____	_____	_____
<u>Diode Mounting Hardware</u>	_____	_____	_____
<u>Starting Motor</u>	_____	_____	_____
<u>Starter</u>	_____	_____	_____
<u>Engine Safety Controls</u>	_____	_____	_____
<u>Belt Break Switch</u>	_____	_____	_____
<u>Solenoid Valve</u>	_____	_____	_____
<u>Engine Electrical System</u>	_____	_____	_____
<u>Instrument Or Engine Control Panel</u>	_____	_____	_____
<u>Instrument Panel Subassembly</u>	_____	_____	_____
<u>Control Panel Subassembly</u>	_____	_____	_____
<u>Miscellaneous Items</u>	_____	_____	_____
<u>Junction Box</u>	_____	_____	_____
<u>Lights</u>	_____	_____	_____
<u>Trailer Lights</u>	_____	_____	_____
<u>Batteries</u>	_____	_____	_____
<u>Storage Batteries And Mounting</u>	_____	_____	_____
<u>Hull Or Chassis Wiring Harness</u>	_____	_____	_____
<u>Wiring Harness And Mounting</u>	_____	_____	_____
<u>Hardware</u>	_____	_____	_____
<u>Trailer Connector Cables</u>	_____	_____	_____

**BRAKES**

<u>Hand Brakes</u>	_____	_____	_____
<b>Component:</b>	<b>Pass</b>	<b>Fail</b>	<b>Remarks:</b>
<u>Park Brake System</u>	_____	_____	_____
<u>Service Brakes</u>	_____	_____	_____
<u>Brake Assembly</u>	_____	_____	_____
<u>Hydraulic Brake System</u>	_____	_____	_____
<u>Brake Master Cylinder And Lines</u>	_____	_____	_____
<u>Air Brake System</u>	_____	_____	_____
<u>Air Brake System</u>	_____	_____	_____

**WHEELS AND TRACKS**

<u>Wheel Assembly</u>	_____	_____	_____
<u>Tires, Tubes, Tire Chains</u>	_____	_____	_____
<u>Tire Assembly</u>	_____	_____	_____

**FRAME, TOWING ATTACHMENTS, DRAWBARS, AND ARTICULATION SYSTEM**

<u>Frame Assembly</u>	_____	_____	_____
<u>Trailer, Subframe And Drill Rod Box</u>	_____	_____	_____
<u>Pintles And Towing Attachments</u>	_____	_____	_____
<u>Drawbar</u>	_____	_____	_____
<u>Spare Wheel Carrier And Tire Lock</u>	_____	_____	_____
<u>Mud Flaps</u>	_____	_____	_____
<u>Landing Gear, Leveling Jacks</u>	_____	_____	_____
<u>Leveling Jacks</u>	_____	_____	_____

**SPRINGS AND SHOCKS ABSORBERS**

<u>Springs</u>	_____	_____	_____
<u>Frame Suspension</u>	_____	_____	_____
<u>Shock Absorber Equipment</u>	_____	_____	_____
<u>Shock Absorbers</u>	_____	_____	_____

**BODY CAB, HOOD, AND HULL**

<u>Body, Cab, Hood. and Hull Assemblies</u>	_____	_____	_____
<b>Component:</b>	<b>Pass</b>	<b>Fail</b>	<b>Remarks:</b>
<u>Enclosure</u>	_____	_____	_____
<u>Enclosure Fiberglass</u>	_____	_____	_____
<u>Baffle Structure</u>	_____	_____	_____
<u>Fenders, Running Boards With Mounting And Attaching Parts,</u>	_____	_____	_____
<u>Outriggers, Windshield, Glass, Etc.</u>	_____	_____	_____
<u>Fenders</u>	_____	_____	_____
<u>Stowage Racks, Boxes, Straps, Carrying Cases, Cable Reels, Hose Reels, Etc.</u>	_____	_____	_____



**AND RADIOLOGICAL  
EQUIPMENT**

Decontamination Equipment

M13 Decontamination Bracket

Assembly

_____	_____	_____
_____	_____	_____
_____	_____	_____



Injection Pump  
Tanks, Lines, Fittings, Headers  
Injection Pump Lines And Hoses  
Overflow Line  
Fuel Tank And Lines  
Engine Speed Governor And  
Controls  
Governor  
Fuel Filters  
Fuel/Water Separator  
Engine Starting Aids  
Quick Start Assembly

**EXHAUST SYSTEM**

Muffler And Pipes  
Muffler Assembly

**COOLING SYSTEM**

Cowling, Deflectors, Air Ducts,  
Shrouds, Etc.  
Air Duct  
Air Blower Cover  
Fan Assembly  
Idler Pulley And Cover  
Air Blower

**ELECTRICAL SYSTEM**

Generator, Alternator  
Alternator Mounting  
Generator, Alternator  
Alternator  
Diode Mounting  
Hardware  
Starting Motor  
Starter  
Engine Safety Controls  
Belt Break Switch  
Solenoid Valve  
Engine Electrical System  
Instrument Or Engine Control  
Panel

**COMPONENT:**

Instrument Panel Subassembly  
Control Panel Subassembly  
Miscellaneous Items

**REMARKS:**

Junction Box

Lights

Trailer Lights

Batteries,

Storage Batteries And Mounting

Hull Or Chassis Wiring Harness

Wiring Harness And Mounting

Hardware

Trailer Connector Cables

**Brakes**

Hand Brakes

Park Brake System

Service Brakes

Brake Assembly

Hydraulic Brake System

Brake Master Cylinder And Lines

Air Brake System

Air Brake System

**WHEELS AND TRACKS**

Wheel Assembly

Tires, Tubes, Tire Chains

Tire Assembly

**COMPONENT:**

**FRAME, TOWING**

**ATTACHMENTS,**

**DRAWBARS, AND**

**ARTICULATION SYSTEM**

Frame Assembly

Trailer, Subframe and Drill Rod

Box

Pintles and Towing Attachments

Drawbar

Spare Wheel Carrier and Tire Lock

Mud Flaps

Landing Gear, Leveling Jacks

Leveling Jacks

**COMPONENT:**

**SPRINGS AND SHOCKS**

**ABSORBERS**

Springs

Frame Suspension

Shock Absorber Equipment

**REMARKS:**

Shock Absorbers

**BODY CAB, HOOD, AND  
HULL**

Body, Cab, Hood, and Hull

Assemblies

Enclosure

Enclosure Fiberglass

Baffle Structure

Fenders, Running Boards With

Mounting And Attaching Parts,

Outriggers, Windshield, Glass,

Etc.

Fenders

Stowage Racks, Boxes, Straps,

Carrying Cases, Cable Reels, Hose

Reels, Etc.

Tool Boxes

**BODY, CHASSIS, AND HULL  
ACCESSORY**

Data Plates And Instruction

Holdings

Instrument And Control Panel

Placards

Lubrication And Receptacle

Placards

Drill Rod Location Placards

Compressor Placards

Trailer Placards

**PNEUMATIC EQUIPMENT**

Air Compressor Assembly

Compressor

Lubrication System

Oil Cooler

Oil Temperature By-Pass Valve

**COMPONENT:**

Oil Filter Assembly

Oil Piping

Oil Separator

Compressor Drive

Compressor Coupling And

Mounting

Air Intakes

**REMARKS:**





**LIST OF REPAIR PARTS AND  
ASSEMBLIES REQUIRED FOR  
REPAIRS**

Drive Assembly \_\_\_\_\_  
Injection Pump \_\_\_\_\_  
Tanks, Lines, Fittings, Headers \_\_\_\_\_  
Injection Pump Lines And Hoses \_\_\_\_\_  
Overflow Line \_\_\_\_\_  
Fuel Tank And Lines \_\_\_\_\_  
Engine Speed Governor And \_\_\_\_\_  
Controls \_\_\_\_\_  
Governor \_\_\_\_\_  
Fuel Filters \_\_\_\_\_  
Fuel/Water Separator \_\_\_\_\_  
Engine Starting Aids \_\_\_\_\_  
Quick Start Assembly \_\_\_\_\_

**EXHAUST SYSTEM**

Muffler And Pipes \_\_\_\_\_  
Muffler Assembly \_\_\_\_\_

**COOLING SYSTEM**

Cowling, Deflectors, Air Ducts, \_\_\_\_\_  
Shrouds, Etc. \_\_\_\_\_  
Air Duct \_\_\_\_\_  
Air Blower Cover \_\_\_\_\_  
Fan Assembly \_\_\_\_\_  
Idle Pulley And Cover \_\_\_\_\_  
Air Blower \_\_\_\_\_

**ELECTRICAL SYSTEM**

Generator, Alternator \_\_\_\_\_  
Alternator Mounting \_\_\_\_\_  
Generator, Alternator \_\_\_\_\_  
Alternator \_\_\_\_\_  
Diode Mounting \_\_\_\_\_  
Hardware \_\_\_\_\_  
Starting Motor \_\_\_\_\_  
Starter \_\_\_\_\_  
Engine Safety Controls \_\_\_\_\_  
Belt Break Switch \_\_\_\_\_  
Solenoid Valve \_\_\_\_\_  
Engine Electrical System \_\_\_\_\_  
Instrument Or Engine Control \_\_\_\_\_  
Panel \_\_\_\_\_

**COMPONENT:**

Instrument Panel Subassembly

**REMARKS:**

\_\_\_\_\_

**LIST OF REPAIR PARTS AND  
ASSEMBLIES REQUIRED FOR  
REPAIRS**

Control Panel Subassembly

Miscellaneous Items

Junction Box

Lights

Trailer Lights

Batteries,

Storage Batteries And Mounting

Hull Or Chassis Wiring Harness

Wiring Harness And Mounting

Hardware

Trailer Connector Cables

**Brakes**

Hand Brakes

Park Brake System

Service Brakes

Brake Assembly

Hydraulic Brake System

Brake Master Cylinder And Lines

Air Brake System

Air Brake System

**WHEELS AND TRACKS**

Wheel Assembly

Tires, Tubes, Tire Chains

Tire Assembly

**COMPONENT:**

**FRAME, TOWING**

**ATTACHMENTS,**

**DRAWBARS, AND**

**ARTICULATION SYSTEM**

Frame Assembly

Trailer, Subframe and Drill Rod

Box

Pintles and Towing Attachments

Drawbar

Spare Wheel Carrier and Tire Lock

Mud Flaps

Landing Gear, Leveling Jacks

Leveling Jacks

**COMPONENT:**

**SPRINGS AND SHOCKS**

**ABSORBERS**

**REMARKS:**

**LIST OF REPAIR PARTS AND  
ASSEMBLIES REQUIRED FOR  
REPAIRS**

Springs

Frame Suspension

Shock Absorber Equipment

Shock Absorbers

**BODY CAB, HOOD, AND  
HULL**

Body, Cab, Hood, and Hull

Assemblies

Enclosure

Enclosure Fiberglass

Baffle Structure

Fenders, Running Boards With  
Mounting And Attaching Parts,

Outriggers, Windshield, Glass,  
Etc.

Fenders

Stowage Racks, Boxes, Straps,

Carrying Cases, Cable Reels, Hose  
Reels, Etc.

Tool Boxes

**BODY, CHASSIS, AND HULL  
ACCESSORY**

Data Plates And Instruction

Holdings

Instrument And Control Panel

Placards

Lubrication And Receptacle

Placards

Drill Rod Location Placards

Compressor Placards

Trailer Placards

**PNEUMATIC EQUIPMENT**

Air Compressor Assembly

Compressor

Lubrication System

Oil Cooler

Oil Temperature By-Pass Valve

**COMPONENT:**

Oil Filter Assembly

Oil Piping

Oil Separator

**REMARKS:**









