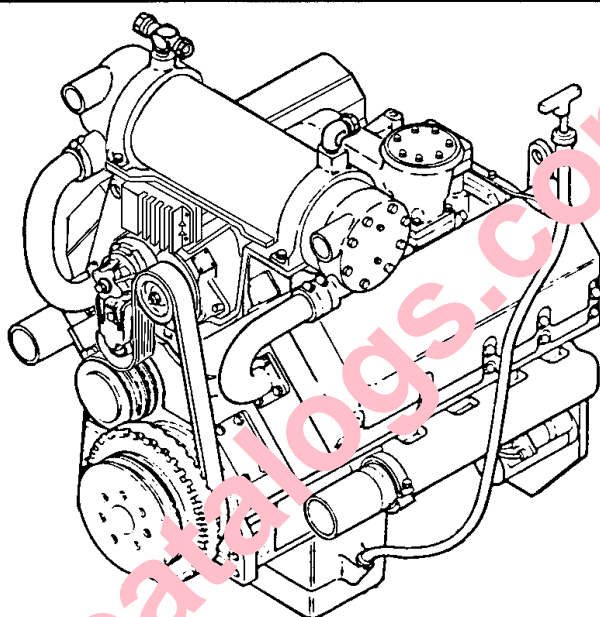


TM 5-2815-240-34&P*

TECHNICAL MANUAL

DIRECT AND GENERAL SUPPORT
MAINTENANCE MANUAL (INCLUDING
REPAIR PARTS AND SPECIAL TOOLS LIST)



ENGINE, DIESEL, LIQUID COOLED
V-TYPE, EIGHT CYLINDER,
CUMMINS MODEL V903C W/CONTAINER
(NSN 2815-01-399-6801)

*This manual supersedes TM 5-2815-240-34&P dated August 1989 and all related changes.

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HEADQUARTERS, DEPARTMENT OF THE ARMY

This copy is a reprint which includes current pages from Changes 1, 2 and 3.

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SUMMARY OF WARNINGS AND FIRST AID

For artificial respiration and first aid, see FM 21-11.

WARNING

This list summarizes critical WARNINGS in this manual. They are repeated here to emphasize their importance. Study these WARNINGS carefully; they can save your life and the lives of soldiers you work with.

- Fuel is a combustible material. Do not smoke or allow sparks or open flames into areas where fuel is present. Severe injury or death may result. If injured, seek medical attention immediately.
- Drycleaning solvent is flammable and will not be used near open flames. A fire extinguisher will be kept nearby when solvent is used. Use only in well-ventilated areas. Failure to do this may result in damage to equipment or injury to personnel.
- Trichlorethane solvent vapors can be fatal. High concentration of vapors are anesthetic and dangerous to life. Eye irritation and dizziness are signs of inadequate ventilation and dangerous concentration. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Do not use in the presence of open flame or sparks.
- Compressed air can injure you and others. Do not aim compressed air hoses at anyone. Do not use more pressure than 30 psi (207 kPa). Always wear goggles.
- Parts may slip and cause eye injury or blindness. Always wear goggles when using power tools or working with parts under pressure.
- Chemicals used in this task can burn or poison you. Wear goggles, rubber gloves, and apron. Do task in well-ventilated room.
- Sharp edges can cut hands. Use rags or brush to lubricate.
- Personnel must stand clear during lifting operations. A swinging or shifting load may cause injury to personnel.
- Ring gear will be hot enough to burn you on contact. Use heat-resistant gloves when you handle hot ring gear.
- Parts could fall and injure you. Use helper or lifting sling to move heavy parts.
- Engine may come loose from stand and injure you. Make sure screws are secure before removing sling.
- Plug is under tension by compressed spring. Protect eyes while removing/installing.
- Electrical shock can cause serious injuries. Do not remove or install starter motor unless vehicle MASTER switch is OFF.
- Exhaust manifold can cause serious burns. Do not remove starter motor unless manifold is cool.
- Wear gloves when removing engine oil cooler. There may be sharp edges causing injury to personnel.
- Keep hands, feet, and tools away from fan belt and alternator/water pump belts while adjusting alternator.
- Always support alternator core and shaft assembly during removal. Failure to comply may result in severe injury to personnel or damage to equipment.

CHANGE**NO. 3****DIRECT AND GENERAL SUPPORT MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)****ENGINE, DIESEL, LIQUID COOLED V-TYPE,
EIGHT CYLINDER, CUMMINS MODEL V903C W/CONTAINER****(NSN 2815-01-399-6801)**

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Remove Pages

Cover and a
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i thru vi
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C-1 and C-2
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Sample DA Form 2028-2
Blank DA Form 2028-2s
Rear Cover

Insert Pages


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Sample DA Form 2028-2
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Official:


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DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 3 January 1997

**DIRECT AND GENERAL SUPPORT MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)**

**ENGINE, DIESEL, LIQUID COOLED V-TYPE,
EIGHT CYLINDER, CUMMINS MODEL V903C W/CONTAINER**

**W/60 AMPERE ALTERNATOR
(NSN 2815-01-351-6549)**

**W/200 AMPERE ALTERNATOR
(NSN 2815-01-399-6801)**

Current as of: 20 June 1996

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Remove pages	Insert pages	Remove pages	Insert pages
i through vi	i through vi	5-1 through Figure 8	5-1 through Figure 8
1-3 and 1-4	1-3 and 1-4	9-1 through Figure 20	9-1 through Figure 20
2-7 through 2-10	2-7 through 2-10	21-1 through Figure 24	21-1 through 23A-1 and Figure 24
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3-181 and 3-182	3-181 and 3-182	Index 1 through Index 4	Index 1 through Index 4
3-201 and 3-202	3-201 and 3-202	Authentication page	Authentication page
A-1 and A-2	A-1 and A-2	Sample DA 2028-2	Sample DA 2028-2
Figure 1 through Figure 4	Figure 1 through Figure 4	Blank DA 2028-2s	Blank DA 2028-2s
4-1 and Figure 5	4-1 through 4C-1 and Figure 5	Cover and a	Cover and a

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