

**ARMY TM 9-2815-237-34P
AIR FORCE TO 38V1-6-4
MARINE CORPS TM 2815-34P/4D**

(SUPERSEDES TM 9-2815-237-34P, 30 March 2001)

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LIST**

FOR

**ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED,
FUEL-INJECTED, WATER COOLED,
DDA MODEL 6.2 LITER (SERIAL NUMBER 1-99,999)
(NSN 2815-01-231-3672), (SERIAL NUMBER 100,000 AND ABOVE)
(NSN 2815-01-314-7940) (1990);**

**DDA MODEL 6.5 LITER (NSN 2815-01-410-9710) (1995),
(NSN 2815-01-410-9710) (1996), (NSN 2815-01-439-6665) (1997),
(NSN 2815-01-453-7403) (1998), (NSN 2815-01-461-7078) (1999),
(NSN 2815-01-461-7078) (2000), (NSN 2815-01-461-7078) (2001);**

**ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED,
FUEL-INJECTED, WATER COOLED,
DDA MODEL 6.5 LITER (NSN 2815-01-406-6675) (1996),
(NSN 2815-01-439-6664) (1997), (NSN 2815-01-453-7404) (1998),
(NSN 2815-01-472-6312) (1999), (NSN 2815-01-439-6664) (2000),
(NSN 2815-01-439-6664) (2001);**

**ENGINE, DIESEL: 8 CYLINDER, TURBOCHARGED,
FUEL-INJECTED, WATER COOLED,
(NSN 2815-01-420-4180) (1996), (NSN 2815-01-439-8164) (1997),
(NSN 2815-01-453-7402) (1998), (NSN 2815-01-439-8164) (1999),
(NSN 2815-01-439-8164) (2000), (NSN 2815-01-439-8164) (2001).**

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**HEADQUARTERS, DEPARTMENTS OF THE ARMY,
THE AIR FORCE, AND MARINE CORPS**

JULY 2004

**TECHNICAL MANUALS
NO. 9-2815-237-34P
NO. 2815-34P/4D**

**HEADQUARTERS,
DEPARTMENTS OF THE ARMY,
THE AIR FORCE, AND MARINE CORPS
WASHINGTON, D.C., 15 July 2004**

**TECHNICAL ORDER
NO. 38V1-6-4**

TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

FOR

**ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED,
FUEL-INJECTED, WATER COOLED,
DDA MODEL 6.2 LITER (SERIAL NUMBER 1-99,999) (NSN 2815-01-231-3672),
(SERIAL NUMBER 100,000 AND ABOVE) (NSN 2815-01-314-7940) (1990);**

**DDA MODEL 6.5 LITER (NSN 2815-01-410-9710) (1995),
(NSN 2815-01-410-9710) (1996), (NSN 2815-01-439-6665) (1997),
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(NSN 2815-01-461-7078) (2000), (NSN 2815-01-461-7078) (2001);**

**ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED,
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**ENGINE, DIESEL: 8 CYLINDER, TURBOCHARGED,
FUEL-INJECTED, WATER COOLED,
(NSN 2815-01-420-4180) (1996), (NSN 2815-01-439-8164) (1997),
(NSN 2815-01-453-7402) (1998), (NSN 2815-01-439-8164) (1999),
(NSN 2815-01-439-8164) (2000), (NSN 2815-01-439-8164) (2001).**

Current as of 23 April 2003

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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***This manual supersedes TM 9-2815-237-34P, dated 30 March 2001.**

TABLE OF CONTENTS

	<u>WP Sequence No.</u>
INTRODUCTION	0001 00
GROUP 01 ENGINE	
0100 Engine and container assembly	0002 00
0101 Engine block assembly and cylinder head	0003 00
0102 Crankshaft, damper, bearings, and pulley	0004 00
0103 Flywheel	0005 00
0104 Piston assembly, rod assembly, and ring set	0006 00
0105 Valves, guides, and rocker arm assemblies	0007 00
0105 Camshaft, timing chain, and related parts	0008 00
0105 Crankcase cover assembly and rocker cover	0009 00
0106 Engine oil pan, pump, and filler tube	0010 00
0106 Oil filter, adapter, and oil line fittings	0011 00
0108 Air intake manifold (6.2L and 6.5L naturally aspirated and 6.5L detuned)	0012 00
0108 Air intake manifolds (6.5L turbo)	0013 00
0108 Exhaust manifolds (6.2L and 6.5L naturally aspirated and 6.5L detuned)	0014 00
0108 Exhaust manifolds (6.5L turbo)	0015 00
GROUP 03 FUEL SYSTEM	
0301 Fuel injector nozzle and gasket	0016 00
0302 Fuel pump and mounting hardware	0017 00
0302 Fuel injection pump and fuel filter lines (6.2L and 6.5L naturally aspirated and 6.5L detuned)	0018 00
0302 Fuel injection pump and fuel filter lines (6.5L turbo)	0019 00
0302 Fuel injection supply and return lines	0020 00
0302 Fuel injection pump cover assembly, governor linkage, and related parts	0021 00
0302 Fuel injection pump throttle shaft, regulator, transfer pump, and related parts	0022 00
0302 Fuel injection pump housing, head and rotor, drive shaft, and related parts	0023 00
0305 Turbocharger assembly	0024 00
0311 Glow plug	0025 00
0312 Accelerator cable bracket and idle spring	0026 00
GROUP 05 COOLING SYSTEM	
0503 Thermostat, water crossover, and attaching hardware	0027 00
0504 Water pump and attaching hardware	0028 00
0505 Fan drive and pulley	0029 00
GROUP 06 ELECTRICAL SYSTEM	
0610 Sending units (6.2L and 6.5L naturally aspirated and 6.5L detuned)	0030 00
0610 Sending units (6.5L turbo)	0031 00
0610 Fan cut-off switch, throttle position sensor, and engine speed sensor	0032 00
GROUP 07 TRANSMISSION	
0705 Modulator rod assembly and bracket (6.2L and 6.5L detuned)	0033 00
GROUP 14 STEERING	
1410 Power steering pump support bracket (6.2L and 6.5L detuned)	0034 00
GROUP 22 ACCESSORY ITEMS	
2210 Data plates	0035 00
GROUP 94 KITS	
9401 Kits	0036 00

TABLE OF CONTENTS (CONT'D)

	<u>WP Sequence No.</u>
GROUP 95 BULK ITEMS	
9501 Bulk	0037 00
GROUP 26 TOOLS AND TEST EQUIPMENT	
2604 Special tools	0038 00
2604 Special tools	0039 00
2604 Special tools	0040 00
2604 Special tools	0041 00
NATIONAL STOCK NUMBER INDEX	0042 00
PART NUMBER INDEX	0043 00

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

INTRODUCTION

SCOPE

This Repair Parts and Special Tools List (RPSTL) lists and authorizes spares and repair parts; special tools; Test, Measurement, and Diagnostic Equipment (TMDE); and other special support equipment required for performance of direct support and general support maintenance of the 6.2 and 6.5 liter V-8 diesel engines. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the Source, Maintenance, and Recoverability (SMR) codes.

GENERAL

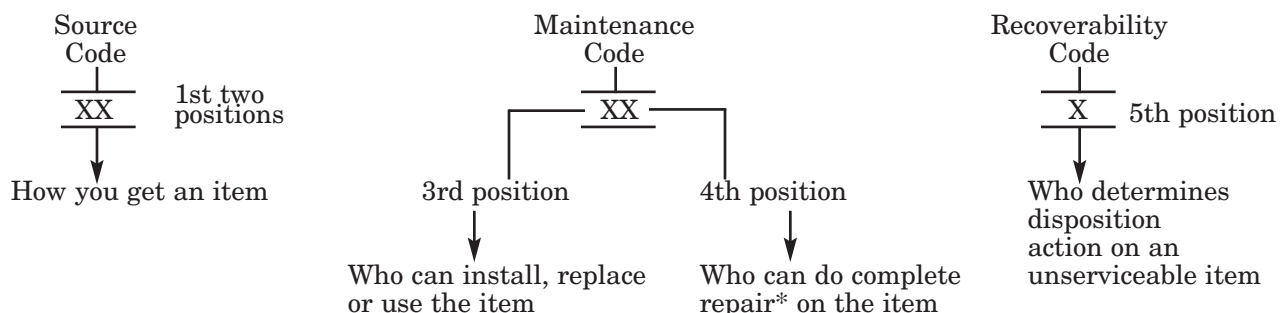
In addition to the Introduction Work Package, this Repair Parts and Special Tools List is divided into the following work packages:

- 1. Repair Parts List Work Packages.** Work packages containing lists of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alpha-numeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own functional group within section II. Repair parts for reparable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).
- 2. Special Tools List Work Packages.** Work packages containing lists of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.
- 3. Cross-Reference Indexes Work Packages.** There are two cross-reference indexes work packages in this RPSTL: The National Stock Number (NSN) Index work package and the Part Number (P/N) Index work package. The National Stock Number Index work package refers you to the figure and item number appearance. The Part Number Index work package list all part numbers in alphanumeric sequence and refers you to the figure and item number appearance.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

Item No. (Column (1)). Indicates the number used to identify items called out in the illustration.

SMR Code (Column (2)). The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



* Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the Repair function in a use/user environment in order to restore serviceability to a failed item.