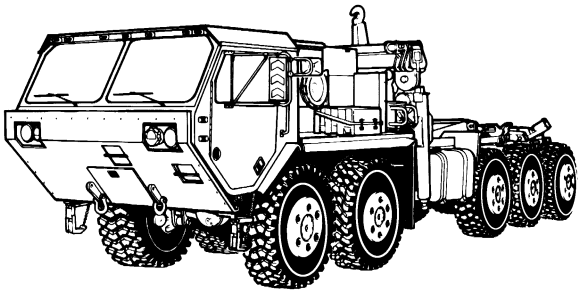
TM 9-2320-364-20-2

THIS MANUAL SUPERSEDES TM 9-2320-364-20-2 DATED 31 MAR 1994, INCLUDING ALL CHANGES.

TECHNICAL MANUAL

UNIT MAINTENANCE VOLUME II

PALLETIZED LOAD SYSTEM



MODEL M1074/M1075

NSN 2320-01-304-2277
NSN 2320-01-304-2278

HEADQUARTERS, DEPARTMENT OF THE ARMY
AUGUST 1999

TECHNICAL MANUAL

No. 9-2320-364-20

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, D.C. 04 August 1999

Unit Maintenance Manual

PALLETIZED LOAD SYSTEM

MODEL M1074/M1075
NSN 2320-01-304-2277
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Current as of 01 August 1999

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

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* This manual supersedes TM 9-2320-364-20-2, 31 March 1994.

HOW TO USE THIS MANUAL

This manual is designed to help maintain the Model M1074/M1075 Palletized Load System (PLS) truck. Listed below are some special features included in this manual to help locate and use the needed information:

- A front cover table of contents is provided for quick reference to chapters and sections that will be used often.
- WARNING, CAUTION, and NOTE headings, subject headings, and other essential information are printed in bold type making them easier to see.
- The maintenance tasks describe what must be done to the truck before starting the task (Equipment Condition), and what must be done to return the vehicle to operating condition after the task is finished (Follow-On Maintenance).
- The Appendixes are located at the end of the manual. They contain a reference guide to other manuals, the Maintenance Allocation Chart (MAC), a list of expendable supplies and materials, and other material for maintaining the PLS truck.
- In addition to text, there are exploded-view illustrations showing how to take a component off and put it back on. Cleaning and inspection procedures are also included as required.
- Chapter 2 of this manual covers Unit level Preventive Maintenance Checks and Services (PMCS) and basic troubleshooting, as well as general maintenance.

Follow these guidelines when using this manual:

- Read all WARNINGS and CAUTIONS before performing any procedure.
- The equipment conditions found in the maintenance procedures are of a general nature and the mechanic may be able to perform only certain steps within a procedure to accomplish the equipment condition.

2-15. ATEC TROUBLESHOOTING.

NOTE

Ensure that wire connections 208/209 on battery A2 ground terminal, and wire connections 1866 on battery A2 positive terminal are tight and free of corrosion before starting to troubleshoot ATEC system. Refer to Paras 7-90 and 7-91 and tighten/clean any loose or corroded wire connections.

This paragraph covers ATEC System Troubleshooting. The ATEC System Fault Index, Table 2-26, lists faults for the ATEC system of the PLS truck. Refer to schematics Figure 2-18 through 2-22 when performing tests and corrective actions.

Table 2-26. ATEC System Fault Index

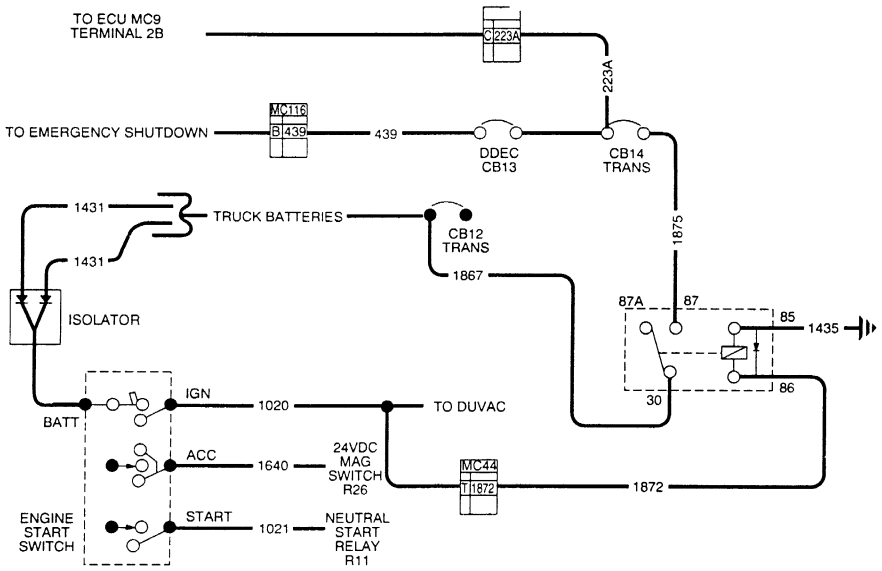

Figure 2-18. TRANS/DDEC Relay R19 Schematic

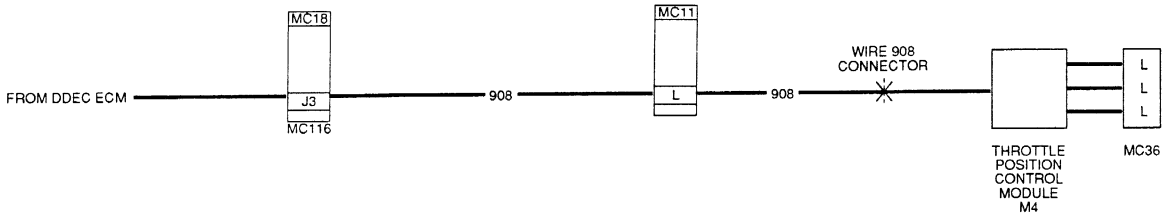

Figure 2-19. Wire 908 Continuity Test Schematic

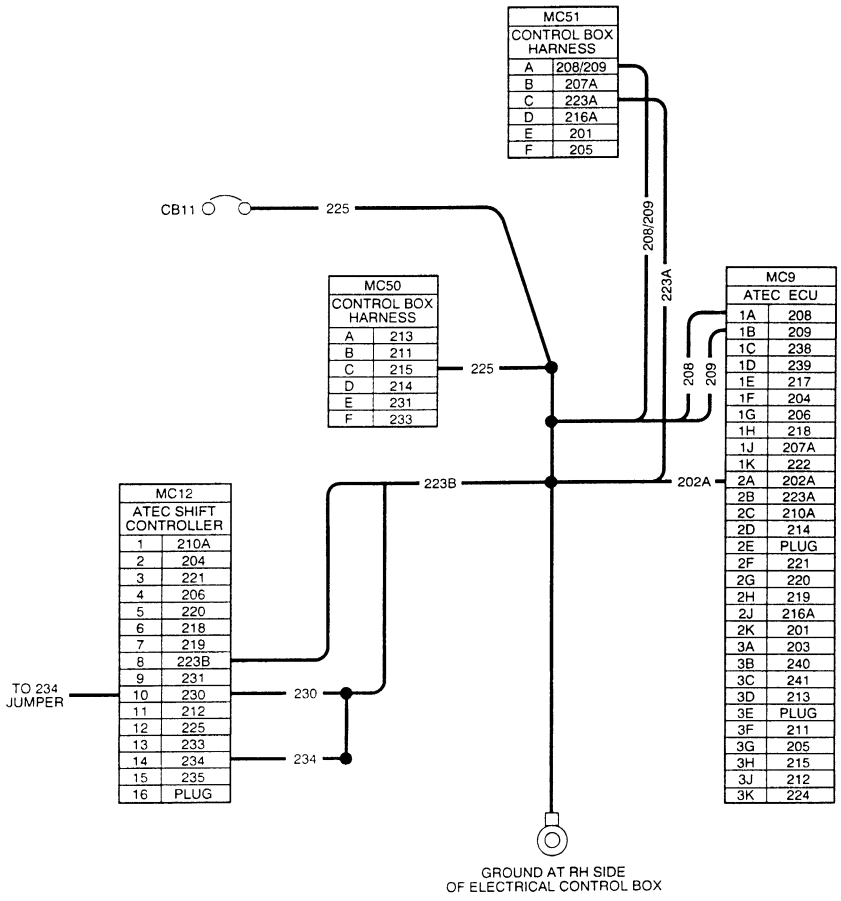

Figure 2-20. ECB/ATEC Wire Harness Schematic

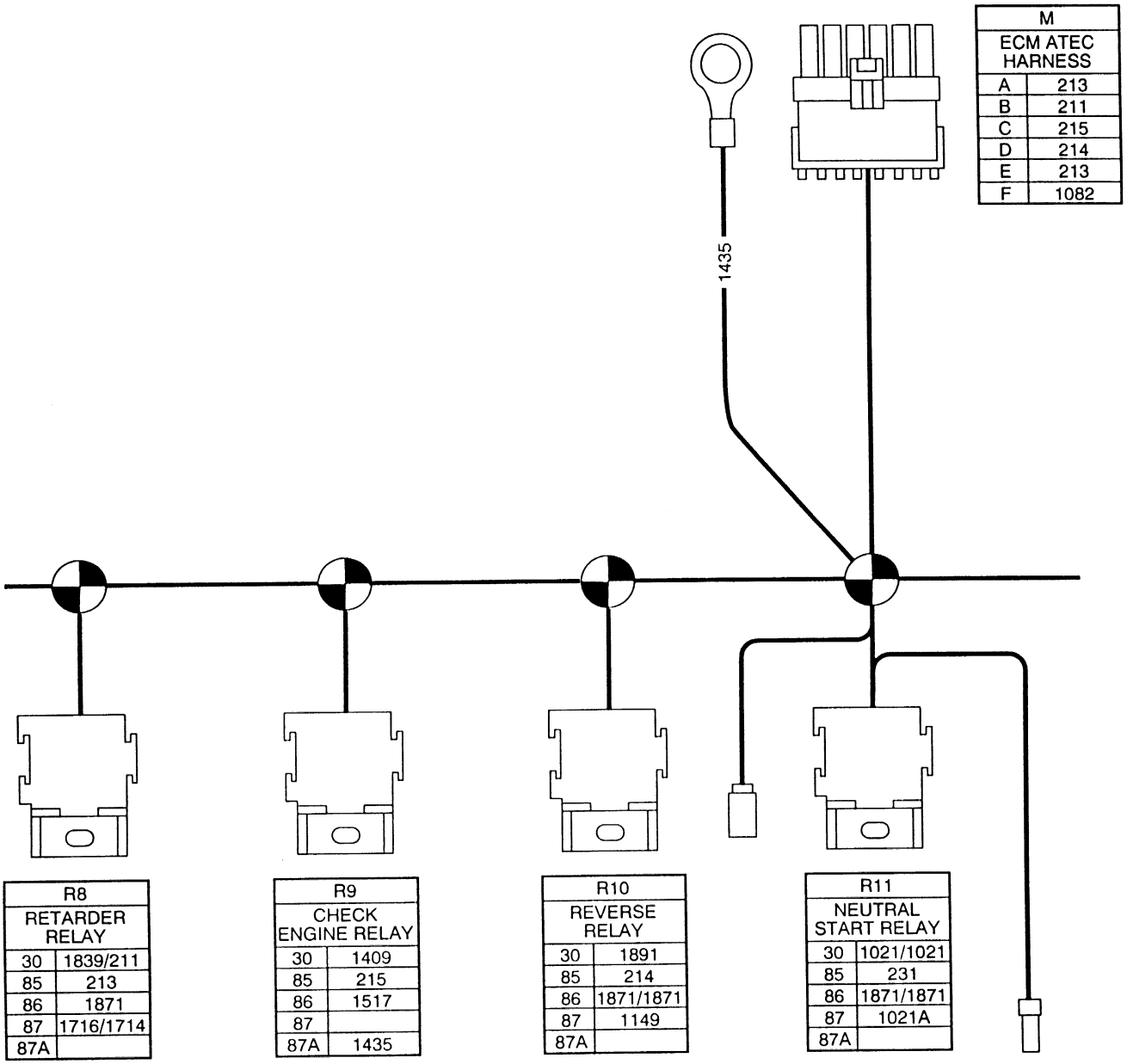

Figure 2-21. Electrical Control Box Wire Harness To ATEC Schematic