

**GENERAL INFORMATION****SECTION 1**

|            |                                    |
|------------|------------------------------------|
| <b>1-1</b> | <b>General</b>                     |
| -----      | Master Check Sheet                 |
| 80-35      | How to use your Master Check Sheet |
| 80-245     | Manufacturer's Warranty            |
| <b>1-2</b> | <b>Operation</b>                   |
| 80-103     | Start & Stop Procedures            |
| <b>1-3</b> | <b>Service</b>                     |
| 0081       | Loctite Application                |
| 0130       | Capscrew Grades & Torque Values    |
| <b>1-4</b> | <b>Safety</b>                      |
| 80-508     | Safety Precautions                 |

**POWER UNIT****SECTION 2**

|            |  |
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| <b>2-1</b> | <b>Engine</b>  |
| -----      | Cummins Operation & Maintenance Manual (3379052)       |
| <b>2-2</b> | <b>Controls</b>  |
| -----      | Audiovisual Engine Protection System - See Section 6-1 |
| <b>2-3</b> | <b>Lubrication</b>                                     |
| 556263     | Lube Oil System - Bypass Filter                        |
| <b>2-4</b> | <b>Fuel</b>  |
| 541761     | Fuel System  |
| <b>2-5</b> | <b>Air Intake &amp; Exhaust</b>                        |
| 80-45      | Air Filter Service                                     |
| 0024       | Air Gauge Service                                      |
| <b>2-6</b> | <b>Cooling</b>   |
| 0124       | Radiator Fill  |
| 80-287     | Radiator Service                                       |
| 524881     | Deaeration System                                      |
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| 80-196     | Cold Start (Quick Start) Service                       |

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| W10633     | Drivetrain Installation |

**DRIVETRAIN (Continued)****SECTION 3**

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| -----      | Clark Transmission Service Manual (SM-54)             |
| -----      | Clark Converter Service Manual (SM-8000)              |
| 570141     | Transmission Circuit                                  |
| 0017       | Transmission Breather Maintenance                     |
| -----      | Transmission Filter Service - See Transmission Manual |
| <b>3-3</b> | <b>Drivelines</b>                                     |
| 0054       | Driveline Installation & Lube                         |
| 0182       | Driveline Torque Settings                             |
| <b>3-4</b> | <b>Axles</b>  |
| 80-243     | Axle Installation                                     |
| -----      | Clark Axle Service, 85,000 Series (DA-850)            |
| 80-119     | Tailpost Installation                                 |
| <b>3-5</b> | <b>Wheels &amp; Tires</b>                             |
| 80-510     | Wheel & Tire Maintenance                              |

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| 570020     | Air System - Vehicle       |
| 542791     | Air System - Implement     |
| 550154     | Hydraulic Brake System     |
| <b>4-2</b> | <b>Modules</b>             |
| <b>4-3</b> | <b>Supply Components</b>   |
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| 80-194     | Expello Valve Service      |
| <b>4-4</b> | <b>Control Components</b>  |
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| 80-174     | Maxi Brake Operation       |
| 80-227     | Disc Brake Service         |
| 80-258     | Air Chamber Service        |
| 80-263     | Master Cylinder Service    |
| <b>4-6</b> | <b>Miscellaneous</b>       |
| 80-305     | Basic Declutch Diagram     |
| 0154       | Declutch Troubleshooting   |

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| 563247     | ANSI Hydraulic Schematic                            |
| -----      | Lumberjack Power Beyond System Diagram              |
| 569860     | Hydraulic System - Steering                         |
| 566611     | Hydraulic System - Hoist & Tilt                     |
| 567865     | Chassis Hydraulics - Holddown & Kickoff             |
| 0040       | Flushing Systems                                    |
| 0087       | Troubleshooting Hydraulic Systems - General         |
| 80-187     | Troubleshooting Hydraulic Systems - Lumberjack      |
| 80-421     | Danfoss Steering System Operation & Troubleshooting |
| 130-8L     | Hydraulic Pressure Settings                         |
| 80-336     | Hydraulic Pressure Check Points                     |
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| 80-286     | Holddown & Kickoff Pump Service                     |
| 0079       | Hydraulic Pump Failures                             |
| <b>5-3</b> | <b>Valves</b>                                       |
| 80-423     | Steering Control Unit Service                       |
| 80-422     | Steering Flow Amplifier Valve Service               |
| 80-280     | Hoist & Tilt Valve Service                          |
| 80-271     | Holddown & Kickoff Valve Service                    |
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| <b>5-5</b> | <b>Filters</b>                                      |
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|            |  |
|------------|--|
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| 560363     | Audiovisual Engine Protection System             |
| 539396     | Reverse Alarm Circuit                            |
| 555269     | Neutral Start Circuit                            |
| <b>6-2</b> | <b>Components</b>                                |
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| 0161       | Alternator Servicing Precautions                 |
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| 560191     | Instrument Panel Wiring                          |
| 80-180     | Tachometer Service                               |
| 80-333     | Audiovisual Engine Protection System Maintenance |

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**CAB & COWL**

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- 7-2            **Instruments & Controls**  
563052        Instrument Panel
  
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80-512        Heater/Air Conditioner Operation & Service

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**FRAME & ATTACHMENTS**

**SECTION 8**

- 8-1            **Frame & Attachments**  
-----       Tailpost Installation - See Section 3-4

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**ACCESSORIES & OPTIONS**

**SECTION 9**

- 9-1            **Accessories & Options**  
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**MAINTENANCE & LUBRICATION**

**SECTION 10**

- 10-1           **Maintenance & Lubrication**  
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80-229        Maintenance & Lubrication  
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