



# MASTER CHECK SHEET PARTS MANUAL INDEX

DATE: 19-Oct-04  
REVISED: 15-Sep-05

Revision Level : L

PAGE: 1 of 6  
MODEL: L4115E  
SERIAL NO: 109250

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## GENERAL INFORMATION

## SECTION 1

<b>1-1</b>	<b>General</b>
-----	Master Check Sheet
80-035	How to Read Your Master Check Sheet
<b>1-2</b>	<b>Operation</b>
* 581108	Decal Locations

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## POWER UNIT

## SECTION 2

<b>2-1</b>	<b>Engine</b>
581091	Power Unit
249819	Engine, Caterpillar C-15 Serial No.: BEM03966 Perf. Spec.: OK-2369 Arrangement No.: 234-9188
<b>2-3</b>	<b>Lubrication</b>
576920	Engine Oil Fill
576917	Dipstick & Housing Installation
<b>2-4</b>	<b>Fuel</b>
577195	Fuel System
<b>2-5</b>	<b>Air Intake &amp; Exhaust</b>
581577	Engine Intake System
578602	Exhaust Installation
572395	Air Filter Indicator - In Cab
226636	Air Filter
<b>2-6</b>	<b>Cooling</b>
581376	Radiator/Aftercooler/Surge Tank
249984	Transmission Cooler

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## DRIVETRAIN

## SECTION 3

<b>3-1</b>	<b>General</b>
581092	Driveline Installation

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PAGE: 2 of 6  
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---

## DRIVETRAIN

## SECTION 3

<b>3-2</b>	<b>Transmission and Converter</b>
581102	Transmission Circuit
580064	Converter
578881	Transmission Installation
578293	Shift Valve, 24V
245246	Transmission
<b>3-3</b>	<b>Drivelines</b>
249667	Driveline Assembly
249303	Driveline Assembly
249023	Driveline Assembly
249017	Driveline Assembly
249014	Driveline Assembly
248963	Driveline Assembly
<b>3-4</b>	<b>Axles</b>
581094	Rear Axle Installation
581093	Front Drive Axle
577281	Parking Brake Installation
570733	Disc Brake Caliper Assembly
569926	Disc Brake Caliper Assembly
251149	Differential & Carrier Assembly
250234	Axle, Rear Chassis
240602	Planetary Assembly
240438	Differential & Carrier
211953	Planet Carrier Assembly
<b>3-5</b>	<b>Wheels &amp; Tires</b>
576747	Wheel Assembly, Bogie
229546	Wheel Assembly, Drive
	Rear Tires: 29.5 X 29 Michelin XTS Radial
	Front Tires: 24.00 X 35 Michelin XDT Radial

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## AIR & BRAKE SYSTEMS

## SECTION 4

<b>4-1</b>	<b>Systems</b>
581103	Brake System Hydraulics
577747	Air System - Chassis
577365	Air System - Cab

\* Backordered



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PAGE: 3 of 6  
MODEL: L4115E  
SERIAL NO: 109250

---

## AIR & BRAKE SYSTEMS

## SECTION 4

<b>4-2</b>	<b>Modules</b>
577407	Air Governor
577401	Air Valve Module
<b>4-3</b>	<b>Supply Components</b>
577408	Air Tank Assembly
245411	Accumulator
232914	Expello Valve - 24V
<b>4-4</b>	<b>Control Components</b>
581242	Manifold Assembly
244868	Brake Valve
<b>4-5</b>	<b>Actuator Components</b>
244409	Parking Brake Caliper

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## HYDRAULIC SYSTEM

## SECTION 5

<b>5-1</b>	<b>Systems &amp; Circuits</b>
581405	Hydraulic System - Chassis
581291	Hydraulic System - Carriage
581109	Hydraulic System - Ride Control
581099	Hydraulic System - Steering
581046	Hydraulic System - Seat Mounted Controls
576932	Hydraulic System - Hoist & Tilt
<b>5-2</b>	<b>Pumps</b>
248990	Pump, Brake/Pilot
245520	Hydraulic Pump
245519	Hydraulic Pump, Tandem
<b>5-3</b>	<b>Valves</b>
581404	Manifold Assembly
581100	Valve Module
581058	Manifold Assembly
572071	Pressure Relief Valve
249361	Remote Control Valve
249174	Hoist & Tilt Valve
236721	HD/KO Valve, LH & RH
234990	Steering Flow Amplifier
234291	Steering Control Unit

\* Backordered



# MASTER CHECK SHEET PARTS MANUAL INDEX

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PAGE: 4 of 6  
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SERIAL NO: 109250

---

## HYDRAULIC SYSTEM

SECTION 5

<b>5-4</b>	<b>Cylinders</b>
W11019	Hydraulic Cylinder - Hoist
577009	Tilt Cylinder Sub-Assembly
576536	Tilt Cylinder Assembly
576535	Tilt Cylinder Installation
576513	Cylinder Assembly
576503	Steering Cylinder Installation
574863	Hydraulic Cylinder
574637	Hydraulic Cylinder
558313	Hydraulic Cylinder, Auxiliary HD
<b>5-5</b>	<b>Filters</b>
243457	Return Filter (In-Tank)
228201	High Pressure Filter (100 Gpm)
228200	High Pressure Filter (40 Gpm)
<b>5-6</b>	<b>Miscellaneous</b>
581326	Manifold Assembly, Ride Control
578843	Low Hydraulic Oil Warning
552658	Hydraulic Tank Heater
250632	Manifold Assembly

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## ELECTRICAL SYSTEM

SECTION 6

<b>6-1</b>	<b>Systems &amp; Circuits</b>
577643	Reverse Alarm
<b>6-2</b>	<b>Components</b>
581095	Chassis Wiring
581038	Junction Box Assembly
578977	Terminal Panel Assembly
578325	Ground Speed Switch Installation
577614	Junction Box Assembly
576827	Carriage Lights
576826	Rear Cab Lights
576825	Cab Lights
576822	Light Bar Installation
572879	Light, Warning Amber
234183	Alternator

\* Backordered



# MASTER CHECK SHEET PARTS MANUAL INDEX

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PAGE: 5 of 6  
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SERIAL NO: 109250

---

**CAB & COWL****SECTION 7**

<b>7-1</b>	<b>Basic Structure</b>
581085	Cowl Assembly
581076	Cab Assembly
572039	Door Assembly, LH
572038	Door Assembly, RH
570581	Floor Mat Installation
570421	Cab & Cowl Insulation
568456	Door Latch, RH
568431	Door Latch, LH
<b>7-2</b>	<b>Instruments &amp; Controls</b>
581468	Dash Panel Assembly
577625	Steering Column
576632	Instrument Panel Assembly
561565	Low Air Buzzer
245672	Electric Shift Controller
243342	Pedal, Electronic Throttle
<b>7-3</b>	<b>Miscellaneous</b>
581110	Cab Pressurizer
581107	Air Conditioner/Heater Installation
579756	Wiper Assembly, Rear
579755	Wiper Assembly, Front
577572	Stereo CD Player Installation
575970	Mirror Installation
574675	Heater Installation - Front
573463	Defroster Fan Installation
570875	Training Seat Installation
240063	A/C Condenser, Remote Mount
238782	Auxiliary Heater - 24V
238382	Air Conditioner/Heater
236982	Seat Assembly
231800	Seat Suspension

\* Backordered



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Revision Level : L

PAGE: 6 of 6

MODEL: L4115E

SERIAL NO: 109250

---

## FRAME & ATTACHMENTS

SECTION 8

<b>8-1</b>	<b>Frame &amp; Attachments</b>
581078	Chassis Assembly
581042	Swivel Box Installation
576936	Auxiliary Holddown Installation
576527	Boom Assembly
576523	Carriage Assembly
<b>8-2</b>	<b>Miscellaneous</b>
580721	Battery Box Installation
576842	Dust Baffle Installation

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## ACCESSORIES & OPTIONS

SECTION 9

<b>9-1</b>	<b>Accessories &amp; Options</b>
581106	Fire Suppression System
578987	Fire Detection System
572880	Remote Lube System

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