



MASTER CHECK SHEET PARTS MANUAL INDEX

DATE: 19 AUG 1999
REVISED: 13 JAN 2000

Revision Level: J

PAGE: 1 of 6
MODEL: L4115E
SERIAL NO: 109248

GENERAL INFORMATION

SECTION 1

-----	Master Check Sheet
80-035	How to Read Your Master Check Sheet
80-007A	Parts Ordering Procedure
800137	Alphabetical Index
573093	Decal Location

POWER UNIT

SECTION 2

2-1	Engine
576926	Power Unit
243281	Engine, Caterpillar 3406E Serial Number: 6BR01272 Arrangement number: 130-8140 Perf. Spec.: 166-8301
2-3	Lubrication
576920	Oil Fill Installation
576917	Dipstick & Housing Installation
2-4	Fuel
577195	Fuel System—CAT 3406 Engine
2-5	Air Intake & Exhaust
577214	Exhaust Installation
577187	Engine Intake System
572395	Air Filter Indicator - In Cab
226636	Air Cleaner
2-6	Cooling
243341	Radiator/Oil Cooler/Aftercooler Assembly
2-7	Miscellaneous
572949	Engine Block Heater Installation



MASTER CHECK SHEET PARTS MANUAL INDEX

DATE: 19 AUG 1999

REVISED: 13 JAN 2000

Revision Level: J

PAGE: 2 of 6

MODEL: L4115E

SERIAL NO: 109248

DRIVETRAIN

SECTION 3

3-1	General
576928	Driveline Installation
3-2	Transmission and Converter
576933	Transmission Circuit
576929	Transmission Installation
241380	Transmission
239794	Converter
232904	Shift Valve Module - 24V
219271	Transmission Filter
3-3	Drivelines
577162	Driveline Assembly
576876	Driveline Assembly
243413	Driveline Assembly
242965	Driveline Assembly
242324	Driveline Assembly
3-4	Axles
576930	Front Drive Axle
575920	Rear Axle Installation
570733	Disc Brake Caliper
569926	Disc Brake Caliper Assembly
243482	Differential & Carrier
242417	Axle Assembly
240438	Differential & Carrier
211953	Planet Carrier Assembly
201087	Parking Brake
3-5	Wheels & Tires
576747	Wheel Assembly, Bogie
229546	Wheel Assembly
-----	Front Tires, 24.00 X 35 Michelin XDT Radial
-----	Rear Tires, 29.5 X 25 Michelin XDH Radial



MASTER CHECK SHEET PARTS MANUAL INDEX

DATE: 19 AUG 1999
REVISED: 13 JAN 2000

Revision Level: J

PAGE: 3 of 6
MODEL: L4115E
SERIAL NO: 109248

AIR & BRAKE SYSTEMS

SECTION 4

- | | |
|------------|-------------------------------------|
| 4-1 | Systems |
| 577003 | Air System - Vehicle |
| 577218 | Hydraulic Brake System |
| 576696 | Air System - Cab |
| 4-2 | Modules |
| 576697 | Air Valve Module |
| 572848 | Brake Relay, LH |
| 572847 | Brake Relay, RH |
| 572843 | Air Dryer Module |
| 572830 | Air Tank Assembly |
| 572829 | Air Tank Assembly |
| 572230 | Dual Treadle Valve Assembly |
| 547114 | Air Governor Assembly |
| 543583 | Brake Valve Module |
| 4-3 | Supply Components |
| 545557 | Air Tank Assembly |
| 239658 | Air Dryer |
| 232914 | Expello Valve - 24V |
| 4-4 | Control Components |
| 236261 | Solenoid Valve |
| 233035 | Treadle Valve |
| 218928 | Brake Valve |
| 216615 | Relay Valve |
| 211315 | Relay Valve |
| 207917 | Check Valve - Air |
| 201352 | Holdback Valve |
| 4-5 | Actuator Components |
| 566492 | Parking Brake Actuator Installation |
| 220326 | Air Cylinder |
| 217201 | Brake Air Chamber, Parking |
| 4-6 | Miscellaneous |
| 509574 | Air Hose Kit |



MASTER CHECK SHEET PARTS MANUAL INDEX

DATE: 19 AUG 1999

REVISED: 13 JAN 2000

Revision Level: J

PAGE: 4 of 6

MODEL: L4115E

SERIAL NO: 109248

HYDRAULIC SYSTEM

SECTION 5

5-1 Systems & Circuits
576935 Hydraulic System - Seat Mounted Controls
576932 Hydraulic System - Hoist & Tilt
576931 Hydraulic System - Chassis
576923 Hydraulic System - Carriage
572571 Hydraulic System - Cowl to Valves
572168 Hydraulic System - Steering

5-2 Pumps
243513 Hydraulic Pump
229005 Piggyback Pump

5-3 Valves
572169 Valve Module
572071 Pressure Relief Valve
239798 Remote Control Valve
236764 Remote Control Valve
236721 HD/KO Valve, LH & RH
234291 Steering Control Unit
234082 Steering Flow Amplifier
229439 Hoist & Tilt Valve

5-4 Cylinders
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, Auxilliary HD

5-5 Filters
228201 High Pressure Filter (100 Gpm)
228200 High Pressure Filter (40 Gpm)
224350 Return Filter (In-Tank)

5-6 Miscellaneous
575965 Low Hydraulic Oil Warning
572881 Hydraulic Load Indicator
552658 Hydraulic Tank Heater



MASTER CHECK SHEET PARTS MANUAL INDEX

DATE: 19 AUG 1999

REVISED: 13 JAN 2000

Revision Level: J

PAGE: 5 of 6

MODEL: L4115E

SERIAL NO: 109248

ELECTRICAL SYSTEM

SECTION 6

6-1 Systems & Circuits
577225 Reverse Alarm Circuit

6-2 Components
W10915 Lighting Components
576689 Terminal Panel Assembly
576636 Junction Box Assembly
572879 Light, Warning Amber
572684 Chassis Wiring
569156 Lighting Components
234183 Alternator

CAB & COWL

SECTION 7

7-1 Basic Structure
577002 Cowl Assembly
576924 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

7-2 Instruments & Controls
576634 Dash Panel Assembly
576632 Instrument Panel Assembly
573442 Steering Column
570645 Control Handle - Electric
561565 Low Air Buzzer
243342 Pedal, Electric Throttle

7-3 Miscellaneous
W10822 Windshield Wiper Installation, Front
576663 Windshield Wiper Installation, Front
575569 Heater/Air Conditioner Installation
574675 Heater Installation - Front
573234 Stereo Cassette Installation
570875 Training Seat Installation
243290 Seat Suspension
238782 Auxiliary Heater - 24V
238382 Air Conditioner/Heater
236982 Seat Assembly



MASTER CHECK SHEET PARTS MANUAL INDEX

DATE: 19 AUG 1999

REVISED: 13 JAN 2000

Revision Level: J

PAGE: 6 of 6

MODEL: L4115E

SERIAL NO: 109248

FRAME & ATTACHMENTS

SECTION 8

8-1	Frame & Attachments
576936	Auxiliary Holddown Installation
576532	Chassis Assembly
576527	Boom Assembly
576523	Carriage Assembly
576360	Swivel Box Installation
8-2	Miscellaneous
551550	Battery Box
576842	Dust Baffle Installation

ACCESSORIES & OPTIONS

SECTION 9

9-1	Accessories & Options
572880	Remote Lube System
572878	Fire Suppression System, Chassis
571239	Fire Detection System