

**MASTER CHECK SHEET
PARTS BOOK INDEX**

PAGE: 1 of 6

DATE: 8-30-91

MODEL: L - 90

REVISED: 2-12-92

SERIAL NO: 039298

GENERAL INFORMATION**SECTION 1**

-----	Master Check Sheet
80-35	How to use your Master Check Sheet
80-7A	Parts Ordering Procedure
-----	Quick Reference Filters & Belts, L-90 039298
800081	Structure Nomenclature
533685	Decal Locations

POWER UNIT**SECTION 2**

2-1	Engine
W10916	Power Unit
226062	Engine Specifications, Cummins NTA 855-C335 BC3 S/N 11627335
-----	Engine Parts Catalog (3884235)
569045	Engine Rework
2-2	Controls
-----	Engine Controls - See Section 7-2
-----	Audiovisual Engine Protection System - See Section 6-1
2-3	Lubrication
556263	Lube Oil System - Bypass Filter
566204	Dipstick Installation
2-4	Fuel
541761	Fuel System
-----	Fuel Filter - Engine Parts Catalog - See Section 2-1
2-5	Air Intake & Exhaust
562376	Air Intake System
217443	Air Cleaner
561607	Exhaust System
-----	Exhaust Blankets - See Exhaust System
2-6	Cooling
W10591	Radiator Installation
558405	Radiator & Shroud Asm
230479	Radiator
2-7	Miscellaneous
526723	Cold Start (Quick Start)

DRIVETRAIN**SECTION 3**

3-1	General
548182	Drivetrain Installation

**MASTER CHECK SHEET
PARTS BOOK INDEX**PAGE: 2 of 6
MODEL: L - 90
SERIAL NO: 039298DATE: 8-30-91
REVISED: 2-12-92**DRIVETRAIN (Continued)****SECTION 3**

3-2	Transmission & Converter
-----	Converter Installation - See Section 3-1
233076	Converter S/N KUSA 58280
222142	Transmission S/N KUSA 57214
569153	Transmission Circuit
219271	Transmission Filter
-----	Transmission Shift Controls - See Section 7-2
-----	Transmission Air Cylinder - See Section 4-5
3-3	Drivelines
-----	Driveline Installation - See Section 3-1
531615	Converter/Transmission Driveline
528756	Transmission/Axle Driveline
3-4	Axles
547355	Drive Axle S/N
564217	Tailpost (Rear Axle)
3-5	Wheels & Tires
540664	Front Wheel (Drive)
561173	Rear Wheel (Steer)
-----	Front Tires - 37.5 x 33 - 54PR L-5
-----	Rear Tires - 26.5 x 25 - 24PR E-3

AIR & BRAKE SYSTEMS**SECTION 4**

4-1	Systems
561534	Air System - Vehicle
542791	Air System - Implement
542690	Air System - Auxiliary Holddown
550154	Hydraulic Brake System
4-2	Modules
-----	Control Panel, LH - See Air System Implement, Section 4-1
-----	Control Panel, RH - See Air System Implement, Section 4-1
4-3	Supply Components
224794	Air Dryer
217734	Expello Valve

DATE: 8-30-91
REVISED: 2-12-92**AIR & BRAKE SYSTEMS (Continued)****SECTION 4**

4-4	Control Components
201358	Regulator Valve
216615	Relay Valve
201352	Holdback Valve
211315	Relay Valve
214161	Relay Valve
216285	Relay Valve
216808	Relay Valve
214127	Rotary Valve
215085	Solenoid Valve
211369	Treadle Valve
218928	Brake Valve
219113	Quad Valve
207272	Push Button Valve
208707	Push Button Valve
215115	Control Valve Assembly
223644	Transmission Control Valve

4-5	Actuator Components
567937	Transmission Control Air Cylinder
220326	Declutch Air Cylinder
219109	Implement Air Cylinder, Holddown & Kickoff
219110	Implement Air Cylinder, Hoist & Tilt
505238	Reach Air Cylinder
220267	Brake Actuator Assembly
222010	Brake Air Chamber, Service
217201	Brake Air Chamber, Parking
222331	Master Cylinder, Service Brake
-----	Brake Caliper - See Section 3-4
561614	Parking Brake Air Chamber Installation

4-6	Miscellaneous
207906	Air Horn
509574	Air Hose Kit

HYDRAULIC SYSTEM**SECTION 5**

5-1	Systems & Circuits
566612	Hydraulic System - Steering
566611	Hydraulic System - Hoist & Tilt
* 569060	Chassis Hydraulics - Holddown & Kickoff
569046	Hydraulic System - Auxiliary Holddown
563278	Boom Plumbing
563297	Carriage Hydraulics

* Back Order

DATE: 8-30-91
REVISED: 2-12-92**HYDRAULIC SYSTEM (Continued)****SECTION 5**

5-2 Pumps
217234 Single Pump, Steering
229604 Tandem Pump, Holddown & Kickoff, LH & RH

5-3 Valves
566532 Valve Module
220707 Steering Valve & Column
210945 Steering Relief Valve
225151 Hoist & Tilt Valve
230669 Holddown/Kickoff Valve, LH
565604 Holddown/Kickoff Valve, RH
215130 Auxiliary Holddown Valve
554652 Manifold Assembly
211759 Auxiliary Holddown Relief Valve

5-4 Cylinders
800089 Hydraulic Cylinder Locations
565522 Steering Cylinder
557499 Hoist Cylinder
566290 Tilt Cylinder
526164 Holddown Cylinder
526154 Kickoff Cylinder
534020 Auxiliary Holddown Cylinder

5-5 Filters
228201 High Pressure Filter (100 GPM)
210092 Return Filter, Hoist & Tilt
509413 Return Strainer (In-Tank)
----- Transmission Filter - See Section 3-2

5-6 Miscellaneous
----- Hydraulic Tank Heater - See Section 9-1
537587 Hydraulic Tube Coupling
80-60 O-Ring Guide

ELECTRICAL SYSTEM**SECTION 6**

6-1 Systems & Circuits
550555 Audiovisual Engine Protection System
539396 Reverse Alarm Circuit
555269 Neutral Start Circuit
569077 Low Hydraulic Oil Warning Circuit

569649 Wiring,

ELECTRICAL SYSTEM (Continued)**SECTION 6**

6-2	Components
560367	Cowl Wiring
561441	Chassis Wiring (Ref)
564178	Alternator Installation
227425	Alternator
-----	Instrument Panel - See Section 7-2
560246	Instrument Panel Wiring
560191	Cowl Terminal Board
560085	Junction Box
-----	Battery Box - See Section 8-2
800004	Lighting Components
563659	Halogen Light Bar
800008	Cab Warning Lights

CAB & COWL**SECTION 7**

7-1	Basic Structure
565450	Cab Assembly
569099	Cowl Assembly
800006	Cowl Installation Hardware
559644	Door Assembly, LH
559643	Door Assembly, RH
559647	Door Latch, LH
559646	Door Latch, RH
554939	Cab & Cowl Insulation

7-2	Instruments & Controls
563052	Instrument Panel
568951	Vehicle Controls
224174	Accelerator Pedal
800005	Steering Wheel Components
211144	Steering Column

7-3	Miscellaneous
550598	Heater/Air Conditioner Installation
218869	Heater/Air Conditioner Assembly
214971	Cab Pressurizer
800007	Defroster
565443	Windshield Wipers, Front & Rear
553905	Seat Suspension
220900	Seat Assembly

**MASTER CHECK SHEET
PARTS BOOK INDEX**

PAGE: 6 of 6
MODEL: L - 90
SERIAL NO: 039298

DATE: 8-30-91
REVISED: 2-12-92

FRAME & ATTACHMENTS

SECTION 8

569846 ^{OK}	8-1	Frame & Attachments
	558676	Boom Assembly
	566484	Carriage Assembly
	561358	Auxiliary Holddown Installation
	-----	Tallpost - See Section 3-4
	800132	Pin & Bushing Composite
	800097	Miscellaneous Chassis Parts
	8-2	Miscellaneous
	551550	Battery Box
	566536	Brake System Guard Installation

ACCESSORIES & OPTIONS

SECTION 9

	9-1	Accessories & Options
	561850	Fire Suppression System

PARTS