

[Click here to get the complete manual](#)

SERVICE MANUAL

Loaders

**680 CK
Series C**

9-72595

1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4

SERVICE MANUAL

Loaders

**680 CK
Series C**

9-72595

1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4

SERVICE MANUAL

Loaders

**680 CK
Series C**

9-72595

1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4

SERVICE MANUAL

Loaders

**680 CK
Series C**

9-72595

1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4

TABLE OF CONTENTS

SERIES/SECTION	SECTION NO.
10 SERIES - GENERAL	
General Engine Specifications	11
Maintenance and Lubrication	1050
Torque Chart	1051
20 SERIES - ENGINES	
Cylinder Head and Valves	22
Engine Block Assembly	23
Water Pump, Thermostats, Oil Cooler, and Filters	25
Engine Removal and Stall Checks	2050
Air Cleaner	2051
30 SERIES - FUEL SYSTEM	
Fuel System and Filters	3010
Fuel Injection Pumps	3012
Roosa-Master Fuel Injectors	3013
Electric Fuel Pump	3051
Fuel Lines and Throttle Adjustment	3052
40 SERIES - HYDRAULICS	
Hydraulic Diagrams, Trouble Shooting, Pressure Checks	4011
Hydraulic Pump	4013
Loader Control Valve	4021
Case Backhoe Control Valve	4022
Commercial-Shearing Backhoe Control Valve	4023
Extendahoe Control Valve	4029
Stabilizer Lock Valve	4030
Hydra-Guide	4040
Boom Lockout Valve and Relief Valve	4041
Loader and Backhoe Cylinders	4057
NOTE: Also see Sections 9011 and 9012 for exploded views of hydraulic system.	
50 SERIES - STEERING	
Hydraulic Diagram, Trouble Shooting, Pressure Check	5011
Steering Pump	5012
Steering Valve and Column	5013
Steering Cylinders	5015
Front Axle	5017
60 SERIES - POWER TRAIN	
Transmission/Converter Hydraulic Diagram, Operation and Description	6011
Trouble Shooting and Testing	6012
Forward-Reverse Transmission (Power Shuttle)	6014
Four Speed Mechanical Transmission	6018
Rear Axle	6020
Drive Shaft	6022

SERIES/SECTION

SECTION NO.

70 SERIES - BRAKES

Air System Diagrams, Operation, Pressurizing/Depressurizing the Air System, and Trouble Shooting	7011
Foot Brakes and Slack Adjuster	7013
Air Compressor, Governor, Reservoir, Moisture Ejection Valve	7014
Brake Valve	7015
Brake Actuator	7016
Parking Brake Control Valve and Quick Release Valve	7017
Pressure Reducing Valve, Pressure Protection Valve Double Check Valve, Clutch Cutout Valve, Stoplight Switch	7018
Alcohol Evaporator	7020

80 SERIES - ELECTRICAL

Wiring Diagrams	8011
Trouble Shooting and Adjustments	8012
Batteries	8014
Starter and Starter Solenoid	8015
Alternator	8016

90 SERIES - MOUNTED EQUIPMENT

Loader	9011
Backhoe	9012
ROPS Cab and Canopy	9019
Front Floor Plate Assembly	9028