

680CK SERIES E LOADER BACKHOE TABLE OF CONTENTS

SERIES/SECTION	SECTION NO.	FORM NO.
10 GENERAL		
General Engine Specifications	1010	9-77655
Maintenance and Lubrication	1050	9-73496
Torque Chart	1051	9-73495
20 ENGINES		
Engine Diagnosis	2001	9-76365
Engine Tune-up	2002	9-76379
Cylinder Head, Valve Train and Camshaft	2015	9-76166
Cylinder Block, Sleeves, Pistons and Rods	2025	9-76176
Crankshaft, Main Bearing, Flywheel and Oil Seal Replacement	2035	9-76187
Lubricating System	2047	9-78667
Stall Checks and Engine Removal and Installation	2050	9-73495
Air Cleaner	2051	9-73495
Cooling System	2055	9-76337
Reconditioning Engine Cylinder Block	2290	8-21170
30 FUEL SYSTEM		
Fuel System and Filters - Four and Six Cylinder "B" Series Diesel Engines	3010	9-75297
Robert Bosch Fuel Injection Pumps - Four and Six Cylinder "B" Series Diesel Engines	3012	9-74937
Rosa Master Fuel Injectors "B" Series Diesel Engines	3013	9-74959
Foot Throttle, Hand Throttle Fuel Shutoff Control, Fuel Lines and Fuel Tank	3052	9-73495
40 HYDRAULICS		
Hydraulic Diagrams, Troubleshooting Pressure Checks	4011	9-73495
Hydraulic Pump L55247	4013	9-73495
Loader Control Valves - L55009 (2-Spool) and L55010 (3-Spool)	4021	9-73495
Backhoe Control Valve	4022	9-73495
Stabilizer Control Valve	4025	9-73495
L54772 and L59641 Backhoe Relief Valves, L54470 Flow Control Valve	4042	9-73495
Loader and Backhoe Cylinders	4057	9-73495
50 STEERING		
Steering Hydraulic System, Troubleshooting, Pressure Checks	5011	9-73495
Steering Valve and Steering Column	5013	9-73495
Steering Cylinders	5015	9-73495
Front Axle	5017	9-73495

SERIES/SECTION**SECTION NO.****FORM NO.****60 POWER TRAIN**

Transmission/Converter Hydraulic Diagram, Operation and Description	6011	9-73495
Troubleshooting and Testing	6012	9-73495
Forward-Reverse Transmission (Power Shuttle)	6014	9-73495
Four Speed Mechanical Transmission	6018	9-73495
Differentials and Planetaries	6020	9-73495
Drive Shaft	6022	9-73495

70 BRAKES

Air System Diagrams, Operation Pressurizing/Depressurizing the Air System and Troubleshooting	7011	9-73495
Foot Brakes and Slack Adjuster	7013	9-73495
Air Compressor, Governor, Reservoir and Safety Valve	7014	9-73495
Brake Valve	7015	9-73495
Brake Actuator	7016	9-73495
Parking Brake Control Valve and Quick Release Valve	7017	9-73495
Pressure Reducing, Pressure Protection, Double Check, Clutch Cutout Valves and Stoplight Switch	7018	9-73495
Alcohol Evaporator	7020	9-73495

80 ELECTRICAL

Wiring Diagrams	8011	9-73495
Troubleshooting	8012	9-73495
Batteries	8014	9-73495
Starter and Starter Solenoid	8015	9-73495
Alternator	8016	9-73495

90 MOUNTED EQUIPMENT

Loader	9011	9-73495
Backhoe	9012	9-73495
Roll-Over Protection Structure	9019	9-73495