Case 580E 580SE Tractor Workshop Service Manual Parts Operators Manual

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This is for the Case Model 580 Series E and Super E Tractors, Loaders, Backhoes. The letters CK follow all 580 model machines and stands for Construction King.

Case 580E 580SE Tractor Workshop Service Manual Parts Operators Manual

SECTIONS INCLUDE:. 1- GENERAL. Safety Rules, and Service Manual Introduction and Torque Specifications. Maintenance and Lubrication. General Engine Specifications. Detailed Engine Specifications. 2- ENGINES. Engine Stall Tests. Engine Removal and Installation. Engine Accessories (Air Cleaner, Muffler, Exhaust Pipe, Radiator, Cold Start System). Cylinder Head and Valve Train. Cylinder Block, Pistons, Rods, Camshaft, Main Bearings, Oil Seals, and Flywheel. Lubrication System. Cooling System. Turbocharger. 3- FUEL SYSTEM. Engine Controls, Fuel Lines, and Fuel Tank. Fuel System and Filters. Fuel Injection Pump and Drive Gear. Fuel Injectors. 4- ELECTRICAL. Electrical Specifications and Troubleshooting. Wiring Diagrams. Battery. Starter and Starter Solenoid. Alternator. Instrument Cluster and Gauges. 5- STEERING. Steering System Troubleshooting. Steering Control Valve and Steering Column. Steering Cylinders. Front Axle - Two-Wheel Drive Machines. Front Axle - Four-Wheel Drive Machines. Steering Relief Valve. 6- POWER TRAIN. Power Shuttle Maintenance, Operation, and Troubleshooting. Power Shuttle and Torque Converter. Power Shuttle Controls. Transaxle Removal and Installation. Transaxle and Differential Lock. Transfer Gear Box.

Driveshaft. Wheels and Tires. 7- BRAKES. Brake Pedals and Linkage, Master Cylinder, and Parking Brake. Self-Adjusting Differential Brakes. 8- HYDRAULICS. Hydraulic Specifications. Maintenance. Troubleshooting, Flowmeter Tests, and Pressure Checks. Cleaning the Hydraulic System. Hydraulic Pump. Loader Control Valve Made by J.I. Case. Loader Control Valve Made by Parker Hannifin. Steering Relief Valve and Quick Disconnect Couplings. Three Point Hitch Control Valves. Cylinders. Backhoe Control Valve. Stabilizer Control Valve. 9-MOUNTED EQUIPMENT/CHASSIS. Air Conditioning Troubleshooting. Air Conditioning System. Loader. Three Point Hitch. ROPS Cab and ROPS Canopy. Seats, Seat Belts, and Seat Supports. Backhoe. Decals and Painting.