

## 9040 Excavator Service Manual Table of Contents

Description	Section No.	Form No.
<b>General</b>	<b>Tab 1</b>	
Section Index - General		7-46370
Standard Torque Specifications for 9000 Series Excavators	1001	7-44790
Fluids and Lubricants	1002	7-46170
<b>Engines</b>	<b>Tab 2</b>	
Section Index - Engines		7-46380
Engine Removal and Installation	2001	7-46450
Radiator Removal and Installation	2002	7-46460
Detailed Engine Specifications	2403	8-28423
Cylinder Head and Valve Train	2415	8-28432
Cylinder Block	2425	8-28442
Lubrication	2445	8-28452
Cooling System	2455	8-28462
Turbocharger	2465	8-28470
Turbocharger Failure Analysis	2565	9-78235
<b>Fuel System</b>	<b>Tab 3</b>	
Section Index - Fuel System		7-46390
Fuel System and Filters	3410	8-28480
Fuel Injectors	3412	8-28492
Fuel Injection Pump (Bosch)	3413	8-28501
<b>Electrical</b>	<b>Tab 4</b>	
Section Index - Electrical		7-46400
Electrical Specifications and Troubleshooting	4001	7-46180
Electric Schematic Foldout	In Rear Pocket	7-46210
Batteries	4002	7-44950
Systems Display Panel	4005	7-44980
Starter and Starter Solenoid	4006	8-42191
Alternator	4006	8-73860
<b>Tracks</b>	<b>Tab 5</b>	
Section Index - Tracks		7-46410
Troubleshooting the Track System	5001	7-44830
Tracks, Rollers, and Idlers	5002	7-46470
<b>Power Train</b>	<b>Tab 6</b>	
Section Index - Power Train		7-46420
Troubleshooting - See Section 8001		
Drive Motor and Final Drive Transmission	6000	7-46480

# 9040 Excavator Service Manual

## Table of Contents

Description	Section No.	Form No.
<b>Hydraulics</b>	<b>Tab 8</b>	
Section Index - Hydraulics		7-46430
Cleaning the Hydraulic System	8000	7-45050
Hydraulic Specifications, Troubleshooting, and Pressure Checks	8001	7-46190
Hydraulic Schematic Foldout	In Rear Pocket	7-46210
Main Hydraulic Pump	8002	7-46490
Pilot Control Circuit Pump	8003	7-46500
Hydraulic Swivel	8004	7-46510
Main Control Valve	8005	7-46520
Remote Control Valves	8006	7-46550
Solenoid Valves	8007	7-46560
Swing Motor and Swing Reduction Gear Box	8008	7-46570
Cylinders	8009	7-46580
Cushion Control Valve	8010	7-46870
Boom Holding Valve	8011	7-46800
<b>Mounted Equipment</b>	<b>Tab 9</b>	
Section Index - Mounted Equipment		7-46440
Pedals and Levers	9001	7-46200
Turntable Bearing	9003	7-46730
Boom and Arm	9004	7-46590
Seat and Seat Belts	9006	7-45170
Electric and Hydraulic Schematic Foldout	In Rear Pocket	7-46210