

## W24B LOADER

### TABLE OF CONTENTS

SERIES/SECTION	SECTION NO.	FORM NO.
<b>10 SERIES - GENERAL</b>		
Maintenance and Lubrication . . . . .	13	9-72395
Torque Chart . . . . .	14	9-72395
General Engine Specifications . . . . .	1010	9-75456
Detailed Engine Specifications . . . . .	1020	9-77185
<b>20 SERIES - ENGINE</b>		
Stall Checks, Engine Removal and Installation . . . . .	21	9-72396
Air Cleaner . . . . .	24	9-72395
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 Bearings, Flywheel and Oil Seal Replacement . . . . .	2035	9-76187
Lubrication System . . . . .	2046	9-76805
Cooling System . . . . .	2055	9-76337
Turbocharger Failure Analysis . . . . .	2565	9-78235
<b>30 SERIES - FUEL SYSTEM</b>		
Fuel System and Filters . . . . .	3010	9-75297
Robert Bosch Fuel Injection Pumps . . . . .	3012	9-74937
Roosa Master Fuel Injectors . . . . .	3013	9-74959
Electric Fuel Pump . . . . .	3051	9-72395
<b>40 SERIES - HYDRAULICS</b>		
Hydraulic Diagram, Trouble Shooting, Testing and Adjustments . . . . .	42	9-72396
Hydraulic Pump . . . . .	43	9-72396
Loader Control Valve . . . . .	44	9-72396
Hydraulic Cylinders . . . . .	46	9-75465
<b>50 SERIES - STEERING</b>		
Hydraulic Diagram, Trouble Shooting and Testing . . . . .	52	9-72395
Steering Control Valve and Flow Control Valve . . . . .	54	9-72396
Center Pivot . . . . .	57	9-72395
<b>60 SERIES - POWER TRAIN</b>		
Allison Powershift Transmission Service Manual . . . . .		<b>SA 2003</b>
Transmission Removal and Installation and Service . . . . .	63	9-72396
Differentials and Planetaries . . . . .	67	9-72396
Drive Shafts and Trunnion . . . . .	69	9-72396
<b>70 SERIES - BRAKES</b>		
Air System Operation and Diagram . . . . .	71	9-72396
Brakes and Air System Components . . . . .	72	9-72396

SERIES/SECTION	SECTION NO.	FORM NO.
<b>80 SERIES - ELECTRICAL</b>		
Wiring Diagram . . . . .	81	9-72397
Trouble Shooting and Adjustments . . . . .	82	9-72396
Batteries . . . . .	84	9-72395
Starter, Starter Solenoid Magnetic Switches . . . . .	85	9-72396
Alternator . . . . .	86	9-72395
<b>90 SERIES - MOUNTED EQUIPMENT</b>		
Loader . . . . .	92	9-72396
Rollover Protection Structure . . . . .	93	9-72395