9100 Series Tractors

Service Manual

Rac 8-91571

MidWestTech | Case Puma, Wildcat Bearcat, Cougar 1000 ,9110, 9130 ,9150, 9170, 9180, 9190 Tractor Service Manual | Publication 8-92722

Order the manual at mid-west-tech.com >

9100 Series Tractor
Service Manual

Table of Contents

Description	Section No.	Form No.
General	Tab 1	
Safety Suggestions		M00103
Metric Conversion		M00104
Torque Values		M00105
Specifications and Capacities		
9110, 9130, Puma and Wildcat		37-189
9150, Bearcat and Cougar		37-156
9170, 9180, PIN 17900699 and After		
Panther and Lion PIN 17900255 and After		37-188
Panther and Lion Prior to PIN 17900255		37-175
Specifications, Engine 6-830	1426	8-28421
Engines 9110, 9130, Puma and Wildcat Only	**Tab 2**	
Aftercooler	2011	8-91700
Cylinder Head and Valve Train	2415	8-28430
Cylinder Block - Camshaft, Pistons, Rods, Sleeves, Bearings, Camshaft, Seals and Flywheel	2425	8-28440
Lubrication System - Oil Pan, Oil Pump, Oil Cooler and Oil Filter Housing	2445	8-28450
Cooling System - Thermostat, Water Pump, Fan Pulley and Belt Tensioner	2455	8-28460
Turbocharger	2465	8-28470
Turbocharger Failure Analysis	2565	9-78235
Fuel System 9110, 9130, Puma and Wildcat Only	**Tab 3**	
Fuel System and Filters	3410	8-28480
Injection Pump - Pump Drive Gear, Timing Pin, Fuel Shutoff Solenoid and Primer Pump	3412	8-28490
Fuel Injectors	3413	8-28500
Electrical	**Tab 4**	
Wiring Schematics		
9110 and 9130 PIN 17900564 and Below 9150 PIN 17900705 and Below Puma PIN 17900250 and Below Bearcat/Cougar PIN 17900270 and Below		37-16OR1
9110 and 9130 PIN 17900564 and After 9150 PIN 17900705 and After 9170 and 9180 PIN 17900669 and After Puma PIN 17900250 and After Wildcat PIN 1790001 and After Bearcat/Cougar PIN 17900270 and After Panther/Lion PIN 17900255 and After		37-187
9170/9180 SN 17900150 Panther/Lion SN 6501 and After		37-178
Solid State Electronic Dash and ROPS Instrument Panel	4003	8-81130
Alternators		
Niehoff Model N1056		37-155
Motorola LHB Series		37-169

Reprinted

CASE CORPORATION

Rac 8-91571

Printed in U.S.A.
December, 1989

MidWestTech | Case Puma, Wildcat Bearcat, Cougar 1000 ,9110, 9130 ,9150, 9170, 9180, 9... Order the manual at mid-west-tech.com >

9100 Series Tractor
Service Manual

Table of Contents

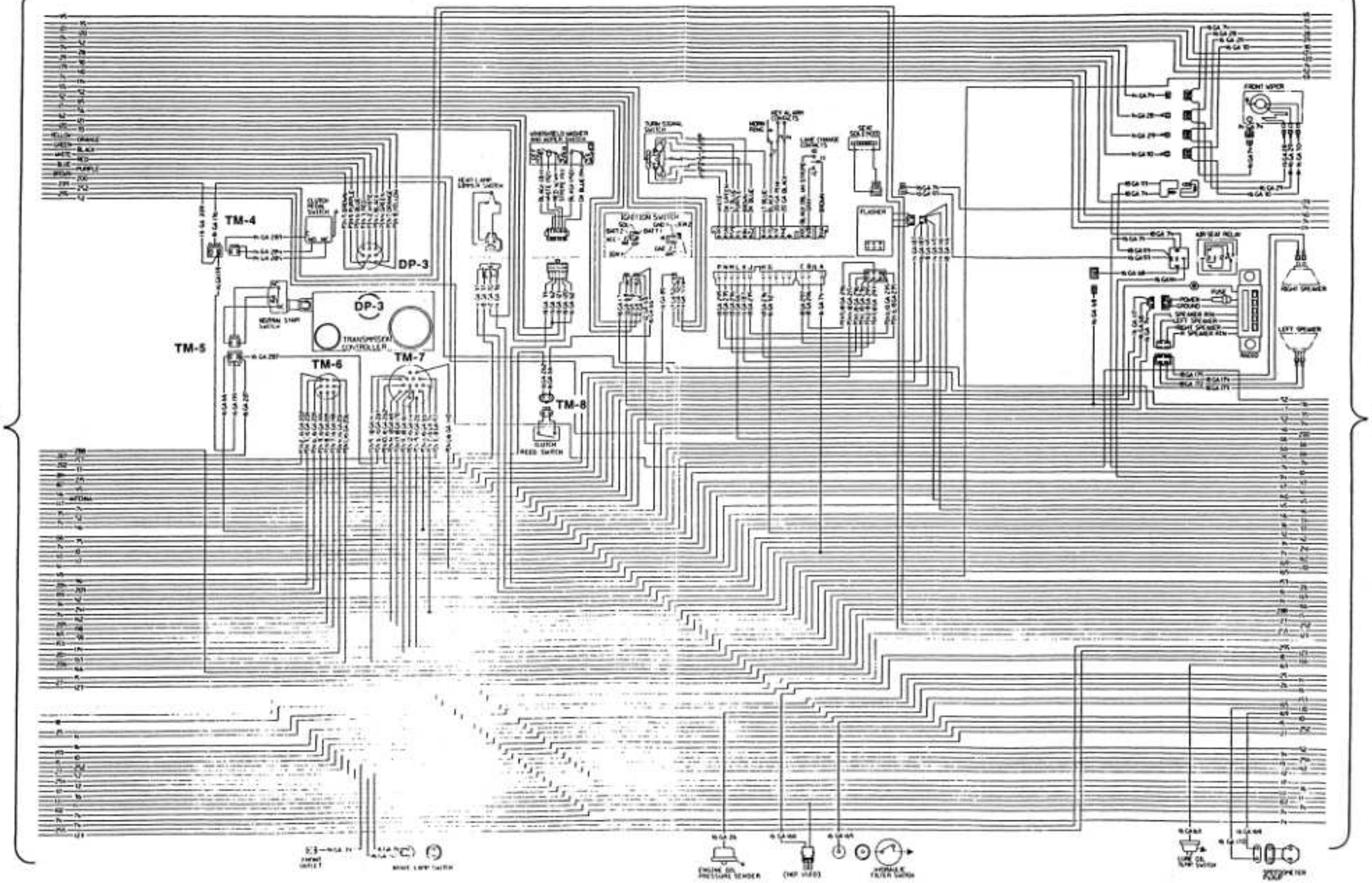
Description	Section No.	Form No.
Steering	**Tab 5**	
Steering Column		37-093
Steering Control Unit		37-153
Front Axle Steering	5001	8-81100
Power Train	**Tab 6**	
Controlled Traction Electric Shift Unit		M0100
K598-60/70 and K598-64/74 Axle		37-163
K598-60/70 Axle ("NOK" Seal)	6002	8-81090
AP3445 Axle		37-171
K592-20/30 Axle	6003	8-81120
EW-16 Powershift Transmission, Removal and Installation		37-174
EW-16 PowerShift Transmission, Repair		37-168
Powershift Transmission Charge Pump	6012	8-81660
PTO Drive Unit		37-170
Brakes	**Tab 7**	
Caliper Disc Brake System		37-179
Hydraulics	**Tab 8**	
Hydraulic Specifications and Schematics		37-166
Three Point Hitch Alignment and Valve Service	8021	8-81670
Chassis	**Tab 9**	
Cab Removal and Installation		37-172
Heating, Ventilating, Air Conditioning 9110, 9130, 9150, Puma, Wildcat, Bearcat and Cougar		37-177
Heating, Ventilating, Air Conditioning 9170, 9180, Panther and Lion		37-136
Air Ride Seat		37-180
How It Works	**Tab 10**	

Rec 8-91571

Printed in U.S.A.
December 1989

MidWestTech | Case Puma, Wildcat Bearcat, Cougar 1000 ,9110, 9130 ,9150, 9170, 9180, 9... Order the manual at mid-west-tech.com >

Main Wiring Schematic - Sheet 3



CONTINUED FROM SHEET 2

CONTINUED SHEET 4

Issued Oct., 1987
Printed in U.S.A.

DRAWING NO.
20-2263T1

MidWestTech | Case Puma, Wildcat Bearcat, Cougar 1000 ,9110, 9130 ,9150, 9170, 9180, 9190 Tractor Service Manual | Publication 8-92722

Order the manual at mid-west-tech.com >