

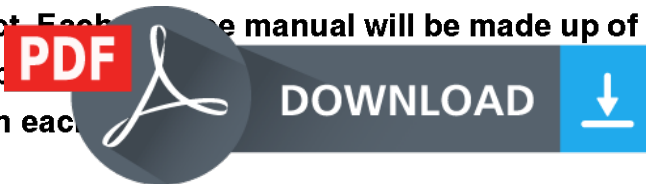
---

# T1510-T1520 SERVICE MANUAL COMPLETE CONTENTS

SECTION 00 - GENERAL INFORMATION .....	2
SECTION 10 - ENGINE .....	3
SECTION 18 - CLUTCH .....	11
SECTION 21 - GEAR TRANSMISSION .....	13
SECTION 25 - FWD FRONT AXLE .....	15
SECTION 27 - DIFFERENTIAL, REAR AXLE .....	17
SECTION 29 - HYDROSTATIC TRANSMISSION .....	18
SECTION 31 - POWER TAKE-OFF SYSTEMS .....	20
SECTION 33 - BRAKES .....	22
SECTION 35 - HYDRAULIC SYSTEM .....	22
SECTION 41 - STEERING .....	26
SECTION 44 - WHEELS, TIRES AND 2WD AXLE .....	28
SECTION 55 - ELECTRICAL SYSTEM .....	29
SECTION 90 - PLATFORM .....	38

The following pages are the collation of the contents pages from each section and chapter of the T1510-T1520 Service manual. Complete Service part # 84260810.

The sections used through out all New Holland product Service manuals may not be used for each product. Each product manual will be made up of one or several books. Each book will be labeled with a PDF icon, a DOWNLOAD button, and a download icon. The PDF icon, DOWNLOAD button, and download icon are in each Service manual and which sections are in each.



---

# SECTION 00 - GENERAL INFORMATION

BOOK 1 - 84260811

## Chapter 1 - General Information

### CONTENTS

Section	Description	Page
	Introduction .....	2
	Precautionary Statements .....	3
	Personal Safety .....	3
	Machine Safety and Information .....	3
	Safety .....	4
	Precautionary Statements .....	4
	The Tractor .....	4
	Servicing the Tractor .....	4
	Operating the Tractor .....	5
	Driving the Tractor .....	5
	Operating the PTO .....	6
	Diesel Fuel .....	6
	Safety Frame (ROPS) .....	6
	International Symbols .....	8
	Specifications .....	9
	General Dimensions .....	15
	Minimum Hardware Tightening Torques .....	18
	Metric Bolt Torque Specifications .....	19
	Lubricants .....	20
	Recommended Lubricants and Coolants .....	20
	Adjustments .....	21
	Tire Inflation Pressure .....	21

---

## SECTION 10 - ENGINE

BOOK 1 - 84260811

### Chapter 1 - Engine

#### CONTENTS

Section	Description	Page
	Specifications .....	6
	Metric Bolt Torque Specifications .....	13
	Engine Bolt Torque Specifications .....	14
	Engine Fuel System Bolt Torque Specifications .....	14
	Special Tools .....	15
	Compression Test and Tools .....	16
	Description of Operation - Engine .....	17
	Cylinder Head and Valve Train Components .....	18
	Cylinder Block Assembly .....	18
	Troubleshooting .....	20
	Overhaul - Engine .....	25
	Engine .....	25
	Preparation .....	25
	Fuel Injector and Glow Plug .....	26
	Removal .....	26
	Oil Pressure Switch .....	26
	Removal .....	26
	Temperature Sending Switch and Alternator .....	27
	Removal .....	27
	Fan, Water Pump, and External Oil Tube .....	27
	Removal .....	27
	Head Cover .....	27
	Removal .....	27
	Rocker Arm Shaft and Support Bracket .....	28
	Removal .....	28
	Cylinder Head .....	28
	Removal .....	28
	Valve Tappet .....	29
	Removal .....	29
	Fuel Shutoff Solenoid .....	29
	Removal .....	29
	Timing Gear Cover .....	29
	Removal .....	29

---

## SECTION 10 - ENGINE

BOOK 1 - 84260811

### Chapter 1 - Engine (Continued)

#### CONTENTS

Section	Description	Page
	Timing Gears and Camshaft .....	31
	Removal .....	31
	Oil Sump .....	31
	Removal .....	31
	Oil Suction Tube and Strainer .....	32
	Removal .....	32
	Connecting Rods, Bearings, Pistons, and Rings .....	32
	Removal .....	32
	Flywheel .....	33
	Removal .....	33
	Backplate and Oil Seal .....	33
	Removal .....	33
	Crankshaft and Main Bearings .....	33
	Removal .....	33
	Cylinder Head .....	34
	Disassembly .....	34
	Inspection and Repair .....	34
	Valve Seats .....	35
	Inspection and Repair .....	35
	Valves .....	36
	Inspection and Repair .....	36
	Valve Guides .....	37
	Inspection and Repair .....	37
	Valve Springs .....	38
	Inspection and Replacement .....	38
	Rocker Arms .....	38
	Inspection and Replacement .....	38
	Push Rods .....	39
	Inspection and Replacement .....	39
	Cylinder Head .....	40
	Assembly .....	40
	Cylinder Block .....	40
	Inspection .....	40



Thank you very much  
for your reading.  
Please click here  
to get more information.