



## SERVICE MANUAL



**PUMA 130 CVX , PUMA 130 , PUMA 145 CVX , PUMA 145 , PUMA 160 CVX  
 , PUMA 160**

# Contents

---

## INTRODUCTION

## HYDRAULIC, PNEUMATIC, ELECTRICAL, ELECTRONIC SYSTEMS A

PRIMARY HYDRAULIC POWER SYSTEM.....	A.10.A
PRIMARY HYDRAULIC POWER SYSTEM Closed center mechanical remote valve ...	A.10.B
PRIMARY HYDRAULIC POWER SYSTEM Electro-hydraulic remote valve.....	A.10.C
SECONDARY HYDRAULIC POWER SYSTEM.....	A.12.A
HYDRAULIC COMMAND SYSTEM.....	A.14.A
PNEUMATIC SYSTEM.....	A.20.A
ELECTRICAL POWER SYSTEM.....	A.30.A
ELECTRONIC SYSTEM.....	A.50.A
FAULT CODES.....	A.50.A

## ENGINE AND PTO IN..... B

ENGINE.....	B.10.A
FUEL AND INJECTION SYSTEM.....	B.20.A
AIR INTAKE SYSTEM.....	B.30.A
EXHAUST SYSTEM.....	B.40.A
EXHAUST SYSTEM Emissions control.....	B.40.B
ENGINE COOLANT SYSTEM.....	B.50.A

## TRANSMISSION, DRIVE AND PTO OUT..... C

TRANSMISSION Semi-Powershift.....	C.20.D
TRANSMISSION Powershift.....	C.20.E
TRANSMISSION Continuously Variable Transmission (CVT).....	C.20.G
ADDITIONAL REDUCERS Overdrive.....	C.30.D
REAR PTO Mechanical.....	C.40.B
REAR PTO Hydraulic.....	C.40.C
FRONT PTO Hydraulic.....	C.42.C

## AXLES, BRAKES AND STEERING..... D

FRONT AXLE.....	D.10.A
REAR AXLE.....	D.12.A

2WD-4WD SYSTEM Hydraulic .....	D.14.C
STEERING Hydraulic.....	D.20.C
STEERING Autoguidance .....	D.20.E
SERVICE BRAKE Hydraulic.....	D.30.C
SERVICE BRAKE Pneumatic .....	D.30.E
PARKING BRAKE Mechanical .....	D.32.B
PARKING BRAKE Electronic.....	D.32.D
BRAKE CONNECTION Hydraulic.....	D.34.C
SUSPENSION Hydraulic .....	D.40.C
WHEELS AND TRACKS Wheels.....	D.50.C
<b>FRAME AND CAB .....</b>	<b>E</b>
FRAME Primary frame .....	E.10.B
SHIELD .....	E.20.A
USER CONTROLS AND SEAT .....	E.32.A
USER PLATFORM .....	E.34.A
ENVIRONMENT CONTROL Heating, ventilation and air-conditioning.....	E.40.D
<b>HITCH AND WORKING TOOL .....</b>	<b>H</b>
HITCH Front hitch .....	H.10.B
HITCH Rear hitch.....	H.10.C
HITCH Electronic draft control.....	H.10.D





## INTRODUCTION

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$