PUMA 130 / PUMA 130 CVT PUMA 145 / PUMA 145 CVT PUMA 160 / PUMA 160 CVT Tier 4 Tractor

SERVICE MANUAL

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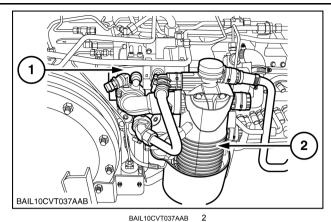


Contents

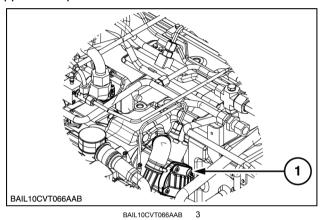
INTRODUCTION

HYDRAULIC, PNEUMATI	C, ELECTRICAL, ELECTRONIC SYSTEMS A
PRIMARY HYDRAULIC POWER	R SYSTEM A.10.A
PRIMARY HYDRAULIC POWER	R SYSTEM Closed center mechanical remote valve A.10.B
PRIMARY HYDRAULIC POWER	R SYSTEM Electro-hydraulic remote valve A.10.C
SECONDARY HYDRAULIC PO	WER SYSTEM A.12.A
HYDRAULIC COMMAND SYST	EM A.14.A
PNEUMATIC SYSTEM	A.20.A
ELECTRICAL POWER SYSTEM	1 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	M 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-Powersh	ift C.20.D
TRANSMISSION Powershift	C.20.E
TRANSMISSION Continuously \	/ariable Transmission (CVT) C.20.G
ADDITIONAL REDUCERS Over	drive C.30.D
REAR PTO Mechanical	C.40.B
REAR PTO Hydraulic	C.40.C
FRONT PTO Hydraulic	C.42.C
AXLES, BRAKES AND S	TEERING D
FRONT AXLE	D.10.A
REAR AXI E	D 12 A

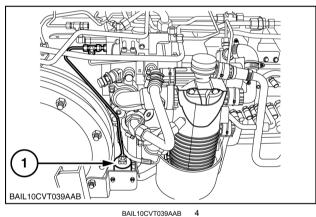
	2WD-4WD SYSTEM Hydraulic	D.14.C
	STEERING Hydraulic	D.20.C
	STEERING Autoguidance	D.20.E
	SERVICE BRAKE Hydraulic	D.30.C
	SERVICE BRAKE Pneumatic	D.30.E
	PARKING BRAKE Mechanical	D.32.B
	PARKING BRAKE Electronic	D.32.D
	BRAKE CONNECTION Hydraulic	D.34.C
	SUSPENSION Hydraulic	D.40.C
	WHEELS AND TRACKS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



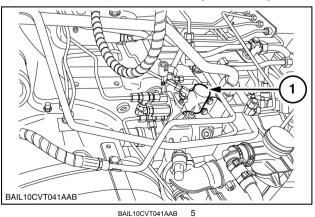
The gear pump (1) Figure 3 supplies low pressure and lubrication oil.



Located on the right hand side of the rear axle housing is a resounding filter assembly.

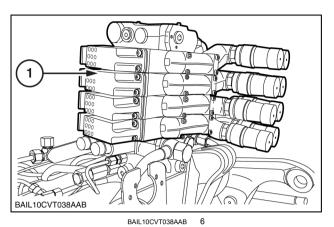


The priority valve (1) located on the top of the main pump diverts high pressure oil to the steering, the trailer brake valve (where fitted) (2) and high pressure circuit. (Refer to **Priority valve - Dynamic description (A.14.A)**)

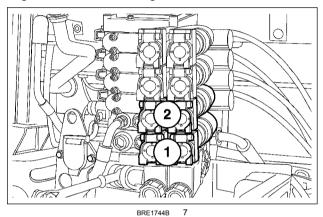


Closed centre remote valves .

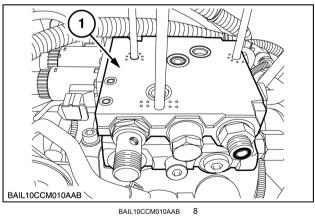
There are two types of remote valves available for the closed centre system. Mechanical remote valves operated via a cable from within the cab or electro hydraulically operated valves, (1) Figure 6, which are operated by electrical switches and have their own in built processor to control oil flow via a solenoid valve.



Mechanical remote control valves (1) are also available with electronic draft control. (2). Mechanical remotes are also available with a combination configurable and non configurable valve slices. See Table 1



The hydraulic lift Electronic Draft Control valve (EDC valve) is a stack type proportional solenoid operated valve (1) mounted with the remote control valves at the rear of the tractor. (Refer to HITCH Electronic draft control - Static description (H.10.D)



Tractors installed with the electronic draft control hydraulic lift assembly use a unique operator control panel.

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