1999 Freightliner FL80 MW9784

Received	Work Order#
10/15/2020	

				10/15/2020	
Name /	Address		Ship To		
		Total R.	epair Co	st #24	,045,27
We	ork Done By	Sales Contact		VIA	Completed Date
					11/17/2020
Customer Contact			Machine		Purchase Order
	4	99-04V	-6789 Vactor 21	10-J6 #T 106	
Part Number	Description	n ger	Qty	Price Each	Total
Work Order Unit info	Vactor 2110-J6 S/N 99-04V-6789 Unit # T 106 Miles 36,816 Hours 8,273 Aux./Fan Hours 1,495				
	Customer In Date: 10/15/20 Customer Out Date: 11/17/2				

Issues:

valves

- no water at water pump ??

 test unit for good operation and access any needed repairs and advise customer before we add HXX kit and acc'y see Quote #4223 as customer purchased unit at auction and got upper engine running and has replaced some

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Wo	ork Done By	Sales Contact		/IA	Completed Date
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Customer Contact			Machine		Purchase Order
		99-04V-6	789 Vactor 2110	-J6 #T 106	
Part Number	Description		Qty	Price Each	Total
	Progress Log: - customer to deliver on low le - 10-14-2020 customer drove 6x4 chassis - 2 stage JD - no multi-flow				
1001857-100 1405-12-12 (4 1405-16-16 (4 1501-12-16	RIPSAW #10.0 ROTATING NO. ADAPT,HYD,12NPTFX12NPTF ADAPT,HYD,16NPTFX16NPTF MALE TO FEMALE 90*; 3/4 M NPT 90	SWV ST SWV ST	1 1 1	10 P	
1501-16-16 16347AB-30 20188A-30 20188L-30 20188M-30 20188N-30 20188N-30 20189C-30	MALE TO FEMALE 90*; 1 NPT SWF 90 PIN, COTTER, 3/16X1, 316 SS FEMALE COUPLER 1/2" FNPT QUICK CONNECT X 1/2NPT FE MALE DISCONNECT X 1/2NPT MALE DISCONNECT X 1/2NPT MALE DISCONNECT X 1/2NPT MALE COUPLER 1/2" FNPT MALE COUPLER 1/2" MNPT	BRASS MALE EMALE MALE	1 2 2 1 1 1 2 1		

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		99-04V-67	89 Vactor 2110)-J6 #T 106	
Part Number	Description		Qty	Price Each	Total
20366-30	HOSE NIPPLE 3" COMBINATION	V	1		
20907-30	CLAMP		1		
20909-30	HOSE CLAMP 1/2"INSULATED		1		
2404-12-12	1-1/16-12 JIC M X 3/4 MP		1		
2501-12-12	90 Degree MPLC JIC x Male NP	Т	1		
2502-4-4	7/16-20 X JIC M X 1/4 F PIPE (A	ADAPTER	1		
	FITTING FOR 45277D)				
25268Y-30	NOZZLE TUBE ASSY, 8"X80",RU	JBBER,HXX	1		
29640-30	O-RING,3.359"ID,0.139"CS,#23	37 (FOR 3"	4		
	CHECK VALVE 507349-30)				
29826C-30	ADAPT, HYD, 4ORB HEX HEAD P	LUG	1	1	
31685-30	FINNED PIPE WELD,1X12,NARF		1		
36114A-30	BODY WASH OUT HEAD (NOZZ	LE)	1		
40019A-30	VALVE - LEVER GATE 3" BRONZ	ZE .	1	1	
40022-30	PIPE NIPPLE,3 X CLOSE		2	i i	
40022AA-30	PIPE NIPPLE - 3 X 22" T.B.E.	my later programmy	1		
40029-30	RELIEF VALVE, WATER, 700 PSI		1		
40030-30	BALL VALVE - 1/2" MINI		. 1	1	
40052B-30	SWIVEL JOINT,1		1		
40585B-30	72G 15*SAND NOZ. REPLACES	44234	1		
40759-30	FORGED STEEL COUPLING 1" N	IPT	1		
40787-30	TARP STRAP, W/S HOOKS, 10		19	(
40797-30	WASH JET		3		

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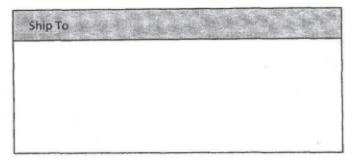
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We	ork Done By	Sales Contact		VIA	Completed Date
					11/17/2020
	Customer Contact		Machine		Purchase Order
		99-04V-67	789 Vactor 2110	-J6 #T 106	
Part Number	Description		Qty	Price Each	Total
40797A-30	HIGH PRESSURE WASH NOZZLE		5	And the second of the second o	
41269-30	CAPS 3"		1		
41271-30	CAP GASKET / FOR 3" Y-STRAIN	ER	1		
41272-30	CAGE GASKET / FOR 3" Y-STRAII	NER	1		
41771-30	O-RING 1/2 X 11/16 X 3/32 DIA	1300 N	1		
44861L-30	PENDANT CONTROL 7 BUTTON	VAC R	1		
45277D-30	HYDRAULIC PRESSURE SWITCH	(ALSO	1		
	REQUIRES 2502-4-4 FITTING and	d 20907			
	CLAMP)				
45378-30	SOLENOID VALVE		2		
45378-30	SOLENOID VALVE	the second second	1		
45556A-30	SEAL KIT FOR 45556		1		
45731-30	EXPANSION PLUG 2"		4		
45808-30	HALF COUPLING - 1" - ALUMINU	JM .	1		
45809-30	HALF COUPLING,3/4,AL		1		
45809-30	HALF COUPLING,3/4,AL		1		
45825-30	HOSE - WATER 2 INCHES BULK	P-180	10		
45952-30	SENSOR - LIQUID LEVEL SENSOR		1		
45960-30	HALF COUPLING - 1/2" ALUM	digina into	1		
45960-30	HALF COUPLING - 1/2" ALUM		1		
46136-30	CAP / FOR 2" Y-STRAINER		1		
46137-30	CAGE GASKET / FOR 2"Y-STRAIN	ER	1		
46138-30	CAP GASKET / FOR 2" Y-STRAINE	R	1		

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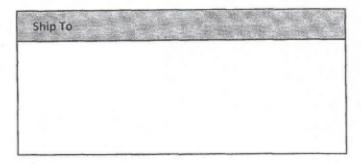
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Work Done By		Sales Contact	V	IA	Completed Date
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Customer Contact			Machine		Purchase Orde
		99-04V-6	789 Vactor 2110-	-J6 #T 106	
Part Number	Description		Qty	Price Each	Total
46172-30 46438LC-30	TRAILER CONNECTOR, FEMALE	5 64 1 1 2 2 2 2	1		
46438ZL-30	HOSE REEL ASSY W/ HOSE 1/2	VEO NEW STYLE	1		
46516A-30	TOGGLE BOLT CLAMP	NOUNEW STILE	2		
46581-30	BALL VALVE - 3/4" 5000 PSI		1		
46688-30	RELIEF VALVE 1", 2000 PSI	S S S S S	1		
46846D-30	GAUGE, PRESS, 0-5000 PSI, VACT	ORL	1		
47049RK-30	DRAIN HERE		1		
47480-30	FLOW CONTROL VALVE, AIR, 1/3	8 NPT	2		
47550-30	CONTROL VALVE - 3 WAY		1		
47578D-30	FLUID CPLG OIL, 2.5 GAL	The state of the s	1		
47772-30	ELECTRONIC THROTTLE SWITC	н	1		
47801-30	BUSHING - KEYLESS TAPERED 1	1/2"	2		
48105-30	ELBOW,90*,AIR,PUSH-IN,1/4T	UBEX	2		
49035BGB-30	NOZZLE, COMMANDOR, 1", 65	@2000	1		
500272A-30	FLOAT BALL SCREEN, PERF PPE	For the Sand	2		
500619Z-30	HXX DIGGING LANCE ASSY		1		
504228B-30	MOUNT PLATE, HAND GUN, HO	SE REEL	1		
507349-30	CHECK VALVE, 3"		2		
52846-30	FLEXIBLE HOSE GUIDE ASSEMB	BLY	1		
53698-30	DECAL,L-032,INFO,DRAIN HERE	E .	13		
5404-12-12 (4	, , , , , , , , , , , , , , , , , , , ,	Constant of the	1		
5404-16-16 (4	ADAPT, HYD, 16NPTX16NPT STR	1	1		

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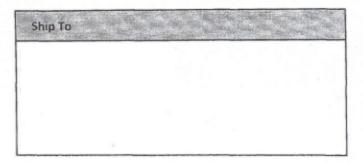
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Wor	k Done By	Sales Contact		VIA	Completed Date
/					11/17/2020
	Customer Contact		Machine		Purchase Order
-		99-04V-67	89 Vactor 2110	0-J6 #T 106	
Part Number	Description		Qty	Price Each	Total
5404-8-8 5406-12-8 5406-16-12 5406-16-16 5406-16-8 5406-20-16 5602-12 5602-8 (16475	1/2 MP X 1/2 MP ADP 3/4 MP X 1/2 FP BUSHING REDU 3/4 MP X 1/2 FP BUSHING REDU 1" X 3/4" BUSHING 1" X 1" BUSHING 1 MP X 1/2 FP REDUCER BUSHIN 1-1/4 MP X 1 FP PIPE ADP 3/4" SERVICE TEE 3/4" SERVICE TEE 1/2 MP X 1/2 FP X 1/2 FP TEE	JCER	1 2 1 1 2 1 1 1 1 2		
62463-30 62468-30 63715F-30 6500-8 6502-8 65741-30	FLOAT BALL CAGE SHROUD 2 WIRE CONNECTOR ASSEMBLY FLOAT BALL CAGE WELD,STL 1/2 F SW X 3/4-16 JIC 90 ELBOW 3/4-16 M JIC X SWF JIC 45 ADP BALL VALVE MOUNTING PLATE		2 2 2 1 1		
67082AA-30 67082AA-30 69076A-30 82835-30 82946C-30 86248A-30	ADAPT, HYD, 8JICX8NPTX4ORB ADAPT, HYD, 8JICX8NPTX4ORB LOVEJOY COUPLING VALVE PLATE WELD - BUTTERFL' ELBOW WELD - BUTTERFLY VALV FLOAT ARM WELD	YV	1 1 1 1 1		

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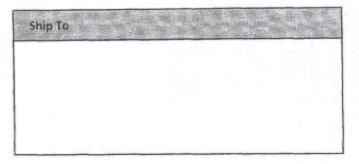
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Wo	ork Done By	Sales Contact	v	IA .	Completed Date
					11/17/2020
	Customer Contact		Machine		Purchase Order
		99-04V-67	89 Vactor 2110	J6 #T 106	
Part Number	Descript	tion	Qty	Price Each	Total
89994-30	PLATE, REINFORCING BAIL	RD RELIEF	1		THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
00279214	HYDAC DV-12-01.X/5 DIRE		1		
	HYDRAULIC NEEDLE VALV	The second secon			
	ACTUATION , 80GPM MAX SIZE: 1/2 NPT	X. FLOW RATE, PORT			
662-0298	GIANT UNLOADER VALVE,	22@2000 1"			
BVK-1	Ball Valve Drain Kit		1		
DECAL	DECAL	Zan and and a state of	30		
Fabrication	Aluminum Reinforcing Pla	te	1		
Fabrication	CUSTOM HYDRAULIC HOS				
FJ9121-1616S	1" M/NPT OTC FIELD CRIM		2		
FJ9122-0808S	1/2" F/JIC OTC FIELD CRIM		6		
FJ9122-1212S	3/4" F/JIC OTC FIELD CRIM	IP FITTING	2		
Freight	Freight In				
	1/2" X 48" HYD HOSE	The second secon	1		
	1/2" X 36" HYD HOSE		1		
	1/2" X 15" HYD HOSE		1		
HOSE-HYD-1x			1		
	3/4" X 72" HYD HOSE		1		
HX-101-PKG	Hydro-Excavation 1 Port P		1		
HX-103-PKG	Hydro-Excavation 3 Port P	ackage	1		
OIL-80W/90-1	80W/90 GEAR LUBE		1		
OIL-HYD-15W	ISO 46 15W HYDRAULIC O	IL.	2.5		

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Wo	ork Done By	Sales Contact	VI	4	Completed Date
					11/17/2020
	Customer Contact		Machine		Purchase Order
		99-04V-67	789 Vactor 2110-J	6 #T 106	
Part Number	Description		Qty	Price Each	Total
Shop Parts Shop Parts Sublet Parts	1-1/2" CLAMP AIR BRAKE TUBE Fittings		1 4 1		
Labor	-Added 3" gate valve to rodder pump inlet before Y-strainer. -Body washout plugged. Replaced all jets and manifold. -Added HXX kit to include Giant unloader,		70.5		
	need valve, Baird relief, hose re and plumbing, digging lance ass tube, and three HXX nozzles. -Checked and adjusted tire PSI 1 -Replaced handgun relief and ad	el mounting embly, HXX dig			
	-Replaced missing operation lab weather drain area decals. -Vacuum relief elbow patched h appears to be different styles. If	nels and			
	vacuum relief elbow and rebuilt operational to protect fans. -Ground rust build up from Y-str to ease in filter removal. Install replaced incorrect clamp adjust	rainer housings ed and			

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Ship To		4 15

Wo	ork Done By	Sales Contact	v	IA	Completed Date
			_		11/17/2020
Customer Contact			Machine		Purchase Orde
		99-04V-67	789 Vactor 2110-	J6 #T 106	
Part Number	Description		Qty	Price Each	Total
	-Ground rust from fan housin drain plugs can be installed a clean fans. -Vacuum relief flap stuck in owill not move, very thin. Repadjusted for correct operation fans. -Wired pendant inoperable. they will not depress. Replace-Tested vacuum system. OK. 2500 RPM. Hose blocked. Not Turned RPM down to 2400 munit has air controlled auxiliated water light on reel inoperable switch and indicator bulked away an	pen position and placed and in to protect the Buttons so stiff sed assembly. 13.5" and max o vibrations. nax RPM. Note: ry throttle. erable. Replaced of Customer has in a c			

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Wo	rk Done By	Sales Contact	V	TA AT	Completed Date
					11/17/2020
	Customer Contact		Machine		Purchase Order
		99-04V-67	89 Vactor 2110	-J6 #T 106	
Part Number	Descripti	on	Qty	Price Each	Total
	-Missing float ball arm and indicator, laying in body br-Replaced both float ball cashrouds; one was broken or protect fansPressure light on reel command switch leaks hydraulic and set for max 2500 PSIOnly getting 2400/2500 mat reel. Adjusted main relication before a set of the s	roken. Replaced. ages, screens, and off. Replaced to les on at 1400 PSI oil a lot. Replaced hax water pressure ef to get in needs lubed and l. ery loose. Pulled off er testing. Unit has ha hose. lve leaks from lool valve O-ring ump to remote Replaced with lains.			

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Work Done By		Sales Contact	v	IA	Completed Date
			-		11/17/2020
	Customer Contact		Machine		Purchase Order
		99-04V-67	789 Vactor 2110-	J6 #T 106	
Part Number	Description	on	Qty	Price Each	Total
	at pump. -Replaced worn cap and ga at fill. -Replaced one bad water p test. -Replaced upper hose reel very worn out and miscella fittings, for proper testing. -Air leak from front pinch r Replaced switch. -Water leak from 3" close r nipple at pump suction plu worn plumbing and worn in to pump. -Checked chassis engine ar levels. OK. -Checked auxiliary John De levels. OK. -Checked fan transmission condition. OK. Serviced co-Checked fluid coupling oil complete. -Greased PTO shaft slip join	ressure gauge for swivel for being meous worn oller air switch. nipple and 3" king mbing. Replaced ntake check valves and transmission fluid ere engine fluid oil level and omplete. level. OK. Serviced			

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					11/17/2020	
Customer Contact		Machine			Purchase Orde	
		99-04V-6789 Vactor 2110-J6 #T 106				
art Number	Description		Qty	Price Each	Total	
	-Replaced pipe rack bungeesAdded jet nozzles, tiger tail, an -Topped off hydraulic oil in tanl -Drained unit for freezing weath storage.	k.				

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Work Done By		Sales Contact		VIA	Completed Dat	e
					11/17/2020	3
Customer Contact			Machine		Purchase O	rde
		99-04V-67	789 Vactor 2110)-J6 #T 106		
art Number	Description		Qty	Price Each	Total	
	ADVISE CUSTOMER: -Remove front gravity plumbing front bumper and add hose bar hose, and hose basket to allow right-front of bodyRear door decant missing scree valve plugged and stuck. Needs up and cleanedHose in false wall on ear door, corner, and filling rear inspection debris where lock cylinder is loc inspection port access needs cle door repairedRight hand marker light bracket-Tested hydraulic tool package: 8 GPM @ 1500 PSI, 1500 RPM; 1500 PSI, 2200 RPMWear hole in debris body at air wall. Advised customer; custom-Wear hole in top of body at we debris inlet pipe. Unit is 68" lov yards. Customer to repair.	b, 3" lay-flat to decant on en in body and s to be opened cracked along on hatch with cated. eaned out and t broken. 4 GPM @ idle; 10 GPM @ duct false ner to repair. ear plate for				

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	ork Done By	Sales Contact	150	/IA	Complet	ed Date
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	Customer Contact		Machine		Purc	hase Orde
		99-04V-67	89 Vactor 2110	-J6 #T 106		
art Number	Description		Qty	Price Each		Total
	-Jet rodder system accumulat about 1100 PSI. -Removed fan housing inpsec checked over. Fans have little newer. Bell housing and transhave been welded on a lot. Tappears to have been rebuilt/ seem to have rubbed at some rub now and run smoothly. -PTO slip joint beginning to ge-Recommend service fan transhours. -Unit has 1800 gallons of frest tanks. -Replace corroded body level body. Customer to do.	tion plugs and e wear, appear smission mounts ransmission resealed. Fans time but do not et some slop. smission at 1595				

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	1				11/17/2020
Customer Contact			Machine		Purchase Orde
		99-04V-6789 Vactor 2110-J6 #T 106			
Part Number	Description		Qty	Price Each	Total
Shop Fee	Shop Supplies Fee Work Order Subtotal Illinois Sales Tax				
				× •	
				Subtot	al \$26,065.2