

200008 2008-2009  
Hydraulics Hosing & Fittings  
Tandem 2-Wheel

<u>Item #</u>	<u>Hose Type</u>	<u>Length</u>	<u>Fitting</u>	<u>Hose Description</u>
1H	PX100R16 PX08	118"	E08-08FF 2Plcs	From Diesel Tank (Supply to In Port Primary Fuel Filter on Frame).
2H	5/16 Fuel Hose	160"	5PL-4MP & 90D5PL-4MP	From Out Port of Primary Fuel Filter on Frame to Cummins Primary Fuel Filter.
3H	5/16 Fuel Hose	160"	5PL-4MP & 90D5PL-4MP	Return Off Injector Pump to Fuel Tank
4H	100R2AT	41"	E04-04FF 2Plcs	From Brake Master Cylinder to front left Tee on top of axle (service side)
5H	100R2AT	(05-09 11 1/2") (2010) 16 1/2"	E04-04FF & E04-04FF90D	Front left tee to right rear 90 deg (service brake)
6H	100R2AT	12" (ONLY) (2009)	E04-04FF & E04-04FF90D	Left rear tee to right front 90 deg (parking brake (used on 2009 machines only)
7H	100R2AT	56"	E04-04FF 2Plcs	Brake manifold to left rear port on top of front axle ( for parking brake)
8H	100R2AT	71"	E04-04FF E4-04FF90D	From (LS Port) of priority Valve to case bleed Center Port of Steering motor.
9H	PX100R16 PX08	59"	E08-08FF 2Plcs	Front pressure manifold left side to pressure port on brake manifold.
10H	PX100R16 PX08	58"	E08-08FF 2Plcs	Front of hydraulic tank to return port on brake manifold.
11H	Spare			
12H	Spare			
13H	Spare			
14H	PX100R16 PX08	185"	E08-08FF 2Plcs	From left side of front axle to left side of steering manifold.
15H	PX100R16 PX08	180"	E08-08FF 2Plcs	From left side of steering manifold to (L) port on steering motor.
16H	PX100R16 PX08	180"	E08-08FF 2Plcs	From right side of steering manifold to (R) port on steering motor.
17H	PX100R16 PX08	185"	E08-08FF 2Plcs	From right side of front axle to right side of steering manifold.
18H	Spare			

19H	Spare			
20H	Spare			
21H	Spare			
22H	PX100R16 PX08	65"	E08-08FF & E08-08FF90D	From pressure port on steering motor to (CF) port on priority valve.
23H	PX100R16 PX08	120"	E08-08FF 2Plcs	From top left port on return manifold to port (T) on steering motor.
24H	PX100R16 PX08	96"	E08-08FF 2Plcs	From (B-Port) of Hitch Manifold to Rod End of Hitch Cylinder.
25H	PX100R16 PX08	103-1/2"	E08-08FF 2Plcs	From (A-Port) of Hitch Manifold to Rear Port of Hitch Cylinder.
26H	PX100R16 PX08	142"	E08-08FF 2Plcs	From (T-Port) on Hitch Manifold to Top mid Port on Return Manifold
27H	PX100R16 PX08	175"	E08-08FF & E08-08FF90D	From Right Hand Port of Pressure Manifold to bottom (P-Port) of Hitch Manifold.
28H	Pip-53310	41-1/2"	PURCHASED HOSE	From bottom RH Port on Sunstrand Pump to RH Port of Sunstrand Motor.
29H	100R1AT GX12	30"	E12-12FF 2Plcs	Sunstrand Pump Case Bleed Port to Sunstrand motor top case bleed port.
30H	100R420 HX20 SUC	52"	20U-20FF 20U-20FF90D	From Sunstrand Pump (Drive Pump) Suction Port to left hand 2-filter assembly out port.
31H	100R420 HX20 SUC	25"	20U-20FF 2Plcs	From In Port on 2-Filter Assembly to Left Shut Off Gate Valve on Hydraulic Tank
32H	100R416 HX16 SUC	42"	E16-16FF & E16-16FF90D	From Suction Screen on Top of Hydraulic Tank to rear port on power steering pump on engine.
33H	NX12 FXL 4-WIRE	24 1/2"	N12-12FF & N12-12FF90D	From bottom of dump valve (front LH side of hydraulic tank) to compensator valve on belt pump.
34H	PIP-53666		Purchased Hose	From LH pressure port of belt pump to left end port upper pressure manifold.
35H	SPARE			
36H	100R1AT GX12	15"	E12-12FF & E12-12FF90D	From Right Hand Back Port of Belt Pump (Case Bleed) to front Right Hand Side Hydraulic Tank.
37	SPARE			
38H	100R2AT PX08	112"	E04-04FF E04-04FF90D	From "T" Port of Priority Valve to Top Front Port of Return Manifold.

39	SPARE			
40H	100R1AT GX12	121"	E12-12FF 2Plcs	From Sunstrand Motor Case Bleed Port to Traction Filter Assembly on Hydraulic Tank.
41H	PIP-53269		PURCHASED HOSE	From Right Hand Port Sunstrand Pump to left Hand port on Sunstrand Motor.
42H	PX100R16 PX08	100"	E08-08FF 2 Plcs	From (T-Port) on Chip Box return manifold (on RH side of frame) to hose 86H.
43	PIP-53328		PURCHASED HOSE	From rear R H Port of Oil Cooler to Rear port of Return Hydraulic Manifold RH side of frame.
44	PIP-53327		PURCHASED HOSE	From front R H Port of Oil Cooler to In Port Of 3-Filter Assembly RH side of frame.
45	SPARE			
46	SPARE			
47H	100R120	23"	20U-20FJX 2Plcs	From out Port of 3-Filter Assembly to Gate Valve on Hydraulic Tank.
48	SPARE			
49	SPARE			
50	SPARE			
51	SPARE			
52	SPARE			
53H	PX100R16 PX08	60"	E08-08FF & E08-08FF90D	From top Port of Steering Pump (on Engine) to bottom front "P" Port on Priority Valve
54H	100R1AT GX12	120"	E12-12FF & E12-12FF90D	From "EF" Port of Priority Valve to Bottom Front Port of Return Manifold.(RH side of frame)
55H	NX12 FXL 4-WIRE	22"	N12-12FF 2Plcs	From upper Pressure Manifold (on conveyor) to left Belt Motor pressure port.
56H	NX12 FXL 4-WIRE	24 1/2"	N12-12FF 2Plcs	From upper Pressure Manifold (on conveyor) to right Belt Motor pressure port.
57H	100R2AT	27"	E04-04FF 2Plcs	R.H. Belt Motor case bleed to upper return manifold (on right inside conveyor)
58H	100R2AT	32"	E04-04FF 2Plcs	L.H Belt motor case bleed to upper return manifold (on right inside conveyor).
59H	100R1AT GX12	25"	E12-12FF 2Plcs	R.H. Belt motor return to upper return manifold (on right inside conveyor)

60H	100R1AT GX12	22-1/2"	E12-12FF 2Plcs	L. H. Belt motor return to upper return manifold (on right inside conveyor)
61H	100R1AT GX12	160"	E12-12FF 2Plcs	From return manifold (rear hopper) to upper return manifold (on right inside conveyor).
62H	100R1AT GX12	195"	E12-12FF 2Plcs	From return manifold (front hopper) to upper return manifold (on right inside conveyor).
63H	100R2AT	109"	E04-04FF 2Plcs	Hydraulic valve manifold (in front valve box) return to return manifold on front hopper.
64H	100R2AT	109"	E04-04FF 2Plcs	Hydraulic valve manifold (in rear valve box) return to return manifold on rear hopper.
65H	PX100R16 PX08	29"	E08-08FF 2Plcs	Front auger motor return hose to return manifold (on front hopper).
66H	PX100R16 PX08	29"	E08-08FF 2Plcs	Rear auger motor return hose to return manifold on rear hopper).
67H	100R2AT	26"	E04-04FF 2Plcs	Auger motor case bleed to return manifold (on front hopper).
68H	100R2AT	26"	E04-04FF 2Plcs	Auger motor case bleed to return manifold (on rear hopper).
69H	100R2AT	276"	E04-04FF 2Plcs	Pressure hose from p-port on 2-station manifold (on L. H. conveyor) to front valve box manifold.
70H	100R2AT	280"	E04-04FF 2Plcs	Pressure hose from p-port on 2-station manifold (on LH. Conveyor) to rear valve box manifold.
71H	100R2AT	107 1/2"	E04-04FF 2Plcs	From box position sensor (on RH conveyor) to front hopper hydraulic cylinder (hsg end)
72H	100R2AT	159"	E04-04FF 2Plcs	From 2-station manifold (on LH conveyor) to front hopper hydraulic cylinder (rod end).
73H	100R2AT	118"	E04-04FF 2Plcs	From box position sensor (on RH conveyor) to rear hopper hydraulic cylinder (hsg end).
74H	100R2AT	187 1/2"	E04-04FF 2Plcs	From 2-station manifold (on LH conveyor) to rear hopper hydraulic cylinder (rod end).
75H	100R2AT	103"	E04-04FF 2Plcs	Box position sensor case bleed (on RH conveyor) to top of hydraulic tank.
76H	100R2AT	103"	E04-04FF 2Plcs	Box position sensor case bleed (on RH conveyor) to top hydraulic tank.
77H	100R2AT	72"	E04-04FF 2Plcs	Box position sensor (on RH conveyor to 2-station manifold (on LH conveyor) top (A) port.

78H	100R2AT	72"	E04-04FF 2Plcs	Box position sensor (on RH conveyor) to 2-station manifold (on LH conveyor) bottom (A) port.
79H	PX100R16 PX08	223"	E08-08FF 2Plcs	From upper pressure manifold (on rear conveyor crossmember) LH side to front auger motor (pressure)
80H	PX100R16 PX08	200 1/2"	E08-08FF 2Plcs	From upper pressure manifold (on rear conveyor crossmember) RH side to auger motor (pressure)
81H	100R2AT	56"	E04-04FF 2Plcs	From port on rear valve box manifold to LH port on cam gearbox motor.
82H	100R2AT	70"	E04-04FF 2Plcs	From port on rear valve box manifold to RH port on cam gearbox motor .
83H	100R2AT	56"	E04-04FF 2Plcs	From port on front valve box manifold to LH port on cam gearbox motor.
84H	100R2AT	70"	E04-04FF 2Plcs	From port on front valve box manifold to RH port on cam gearbox motor.
85H	PX100R16 PX08	42"	E08-08FF E08-08FF90D	From front pressure manifold to the top (P) port on 2-station (on LH conveyor).
86H	PX100R16 PX08	46"	E08-08FF E08-08FF90D	From upper 2-station manifold (T) port (on LH conveyor) to hose (42H)
87H	100R2AT	10"	E04-04FF 2Plcs	From port on RH side hydrostatic pump to RH port on shuttle valve (on back of engine)
88H	100R2AT	10"	E04-04FF 2Plcs	From port on L.H. side hydrostatic pump to L.H port on shuttle valve.(on back of engine)
89H	100R2AT	56"	E04-04FF 2Plcs	From inline filter on hydrostatic motor to center port of shuttle valve.(on back of engine)
90	SPARE			
91	SPARE			
92H	100R2AT	146"	E04-04FF 2Plcs	From (A) port on hitch 2-station manifold to (rod end) of hitch raise cylinder.
93H	100R2AT	156"	E04-04FF 2Plcs	From (B) port on hitch 2-station manifold to (hsg end) of hitch raise cylinder.
94H	100R2AT	148"	E04-04FF 2Plcs	From return manifold (on RH side of frame) to hydraulic manifold (T) port of operator station.
95H	100R2AT	187"	E04-04FF 2Plcs	From front pressure manifold (on front of hydraulic tank) to (P) port of manifold in the operator station.

96H	100R2AT	153"	E04-04FF 2Plcs	From return manifold (on RH side of frame) to case bleed on the operator station swing motor.
97H	100R2AT	100"	E04-04FF 2Plcs	From (A) port on the hydraulic manifold in the operator station to the operator station swing motor.
98H	100R2AT	98"	E04-04FF 2Plcs	From (B) port on the hydraulic manifold in the operator station to the operator station swing motor.
99H	PX100R16 PX08	61"	E08-08FF 2Plcs	From (OUT) port on oil cooler fan motor to bottom of the (T) port on the 2-station hitch manifold.
100H	100R2AT	68"	E04-04FF E04-04FF90D	From (IN) port on cooler fan motor to top of the (P) port on 2-station hitch manifold.
101H	100R2AT	220"	E04-04FF 2Plcs	From case bleed on cooler fan motor to top of hydraulic tank RH side.
102H	PX100R16 PX08	32"	E08-08FF 2Plcs	From pressure manifold on center of hydraulic tank to upper pressure manifold (on rear conveyor crossmember).
103H	PIP-53382		PURCHASED HOSE 1-1/4"	From compensator valve on belt pump to upper pressure manifolds on conveyor.
104H	100R416 HX16	130"	E16-16FF 2Plcs	Suction port on cooler pump on sunstrand pump to strainer on hydraulic tank.
105H	100R1AT GX12	66"	E12-12FF 2Plcs	From return manifold (on side of frame) to the return side of cooler pump on the back of the sunstrand pump.
106H	PIP-53391		PURCHASED HOSE 1-1/2"	From return manifold (on RH side of frame) to upper return manifold (on RH conveyor).