

Air Systems Piping Schematics



Updated On: 20 Jun 00



Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
Section 1: Service & Emergency Brake Services Cab Piping						
1	724A1-3410	new	1/1	Air System Piping Cab Piping Section	24-Aug-98	1
2	724A1-3411	new	1/1	Air System Piping Cab Piping Section	24-Aug-98	1
3	724A1-3433	G	1/1	Cab Manifold Fittings	27-Mar-00	1
4	724A1-3434	C	1/1	Pressure Protection Valves on Trucks/tractors with MV-3 Dash Valve	27-Mar-00	1
5	724A1-3435	D	1/1	Brake valve push on fittings on Trucks/tractors with single hand control valve	27-Mar-00	1
6	724A1-3436	F	1/1	Double Check Valves on Trucks/tractors with single hand control valve	27-Mar-00	1
7	724A1-3437	E	1/1	Park brake valve	27-Mar-00	1
8	724A1-3441	D	1/1	CONSTELLATION Cab Manifold fittings	27-Mar-00	1
9	724A1-3444	C	1/1	Brake valve - Truck only	27-Mar-00	1
10	724A1-3445	A	1/1	CONSTELLATION Anti Compounding valve	27-Mar-00	1

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11	724A1-3446	B	1/1	Double check valve, single stop lamp switch only with or without hand control valve	27-Mar-00	1
12	724A1-3447	B	1/1	Park brake valve - single PP-1 without TPV	27-Mar-00	1
13	724A1-3448	C	1/1	3 Valve - Park Brake & Trailer Control System	27-Mar-00	1
14	724A1-3451	A	1/1	Brake Valve with Hand control valve without TPV	27-Mar-00	1
15	724A1-3452	B	1/1	Double Check Valve - Truck with rear brake hand control valve & without TPV	27-Mar-00	1
16	724A1-3453	B	1/1	Pressure Protection Valves - Truck with single dash park brake valve or Truck/tractors with 3-valve park brake dash	27-Mar-00	1
17	724A1-3454	A	1/1	Brake valve Truck/tractor with dual hand control valves	27-Mar-00	1
18	724A1-3455	B	1/1	Double Check Valve - Truck/tractor with dual hand controlling truck & trailer separately	27-Mar-00	1
19	724A1-3456	B	1/1	Brake Valve - Truck/Tractor with 3-valve dash & dual hand control valves & TPV	27-Mar-00	1
20	724A1-3457	A	1/1	Brake Valve Push-on Fittings	27-Mar-00	1
21	724A1-3460	A	1/1	Brake Valve - Truck/Tractor with 3-valve dash & single hand control valve & TPV	27-Mar-00	1
22	724A1-3466	A	1/1	RHD-604 Double Check Valve Installation	27-Mar-00	1
23	724A1-3467	C	1/1	Brake Valve Fittings	27-Mar-00	1

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24	724A1-3468	A	1/1	RHD-604 AntiCompound Valve	27-Mar-00	1
25	724A1-3469	A	1/1	Installation Park Brake Valve Fittings	27-Mar-00	1
26	724A1-3474	E	1/1	Installation Double Check Valves	27-Mar-00	1
27	724A1-3484	C	1/1	Installation Park Brake Valve Fittings	27-Mar-00	1
28	724A1-3485	D	1/1	Installation Park Brake Valve Fittings	27-Mar-00	1
29	724A1-3486	B	1/1	Installation Park Brake Valve Fittings	27-Mar-00	1
30	724A1-3488	A	1/1	Install Brake Valve Fittings ADR 35/01	27-Mar-00	1
31	724A1-3489	A	1/1	Assembly Rear Suspension Warning Light Fittings	27-Mar-00	1
32	724A1-3490	A	1/1	Installation Brake Valve Fittings	27-Mar-00	1
33	724A1-3491	A	1/1	Installation "MV-3" Park Brake Valve Fittings	27-Mar-00	1
34	724A1-3492	A	1/1	Install Park Brake Valve Fittings	27-Mar-00	1
35	724A1-3495	A	1/1	Install PPI Park Brake Valve Fittings	27-Mar-00	1
36	724A1-3496	New	1/1	Install Brake Valve Truck Only	27-Mar-00	1

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
37	724B1-3403	A	1/1	CONSTELLATION Truck/tractor with 3-valve dash & single hand control without anti-compounding under dash	24-Aug-98	1
38	724B1-3404	A	1/1	CONSTELLATION Truck/tractor with 3-valve dash & single hand control with anti-compounding under dash	24-Aug-98	1
39	724B1-3405	A	1/1	CONSTELLATION Truck/tractor with 3-valve dash & dual hand controls with anti-compounding under dash	24-Aug-98	1
40	724B1-3406	A	1/1	CONSTELLATION Truck/tractor with 3-valve dash & dual hand controls without anti-compounding under dash	24-Aug-98	1
41	724B1-3407	A	1/1	CONSTELLATION Truck/tractor with MV-3 dash valve & dual hand controls with anti-compounding under dash	24-Aug-98	1
42	724B1-3408	A	1/1	CONSTELLATION Truck/tractor with MV-3 dash valve & dual hand controls without anti-compounding under dash	24-Aug-98	1
43	724B1-3415	New	1/1	Cab Hand Control Valve to Rear	20-Jun-00	1

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44	724B1-3416	New	1/1	Air System Piping Cab Piping Section	20-Jun-00	1
45	724B1-3417	New	1/1	Air System Piping Cab Piping Section	20-Jun-00	1
46	724B1-3418	New	1/1	Air System Piping Cab Piping Section	20-Jun-00	1
47	724B1-3419	New	1/1	Air System Piping Cab Piping Section	20-Jun-00	1
48	724B1-3420	New	1/1	Air System Piping Cab Piping Section	20-Jun-00	1
49	728B1-3509	A	1/1	CONSTELLATION Truck/tractor with MV-3 dash valve & single hand control with anti-compounding under dash	24-Aug-98	1
50	728B1-3511	A	1/1	CONSTELLATION Truck with 1 PP-1 dash valve without hand control with anti-compounding under dash	24-Aug-98	1
51	728B1-3512	A	1/1	CONSTELLATION Truck/tractor with MV-3 dash valve & single hand control without anti-compounding under dash	24-Aug-98	1
52	728B1-3513	A	1/1	CONSTELLATION Truck/tractor with 1 PP-1 dash valve without hand control without anti-compounding under dash	24-Aug-98	1
53	728B1-3517	A	1/1	CONSTELLATION Truck with 1 PP-1 dash valve with single hand control for rear brakes with anti-compounding under dash	24-Aug-98	1
54	728B1-3518	A	1/1	CONSTELLATION Truck with 1 PP-1 dash valve with single hand control for rear brakes without anti-compounding under dash	24-Aug-98	1
55	766B1-3411	new	1/1	Truck with 1 PP-1 dash valve with single hand control for rear brakes without anti-compounding under dash	24-Aug-98	1
56	766B1-3412	new	1/1	Truck/tractor with 1 PP-1 dash valve without hand control without anti-compounding under dash	24-Aug-98	1

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
57	766B1-3413	new	1/1	Truck/tractor with hand control & TPV	24-Aug-98	1
58	766B1-3414	new	1/1	Truck/tractor with dual hand controls with TPV	24-Aug-98	1
59	766B1-3415	new	1/1	Stop Light & HCV Piping with HCV & Trailer	24-Aug-98	1
Section 2: Service & Emergency Brake Services Chassis Piping						
60	721B1-3402	New	1/1	Air Application Gauge	20-Jun-00	2
61	722A1-3402	new	1/1	Single relay for ABS on Xmember ahead of suspension	24-Aug-98	2
62	722A1-3403	A	1/1	Relay on Front Crossmember	24-Aug-98	2
63	722A1-3404	new	1/1	ABS Valve on HAS Light Weight Cross Member	24-Aug-98	2
64	728A1-3403	new	1/1	Trailer Supply Relay Valve	24-Aug-98	2
65	728A1-3574	New	1/1	Air system piping chassis piping section	20-Jun-00	
66	728B1-3470	C	1/1	CONSTELLATION Tractor	24-Aug-98	2
67	728B1-3478	D	1/1	CONSTELLATION Truck	24-Aug-98	2
68	728B1-3481	B	1/1	CONSTELLATION Truck/tractor with inversion valve and tractor protection valve	24-Aug-98	2

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
69	728B1-3490	A	1/1	CONSTELLATION Truck	24-Aug-98	2
70	728B1-3491	A	1/1	CONSTELLATION Tractor	24-Aug-98	2
71	728B1-3504	D	1/1	Air system piping chassis piping section	24-Aug-98	2
72	728B1-3505	B	1/1	CONSTELLATION Tractor without inversion valve without bobtail proportioning with/without ABS or ATC	24-Aug-98	2
73	728B1-3506	A	1/1	CONSTELLATION Tractor without inversion valve with bobtail proportioning	24-Aug-98	2
74	728B1-3507	E	1/4	CONSTELLATION Typical Drop line piping	24-Aug-98	2
75	728B1-3507	E	2/4	CONSTELLATION Typical Drop line piping	24-Aug-98	2
76	728B1-3507	E	3/4	CONSTELLATION Typical Drop line piping	24-Aug-98	2
77	728B1-3507	E	4/4	CONSTELLATION Typical Drop line piping	24-Aug-98	2
78	728B1-3521	B	1/1	CONSTELLATION Tractor without inversion valve without bobtail proportioning with dual relay Hi-volume brake release (non-air 96)	24-Aug-98	2
79	728B1-3526	B	1/1	CONSTELLATION Tractor without inversion valve, without bobtail proportioning without ABS	24-Aug-98	2
80	728B1-3527	A	1/1	CONSTELLATION Tractor without inversion valve, without bobtail proportioning with ABS with/without ATC	24-Aug-98	2
81	728B1-3528	C	1/1	Air system piping chassis piping section	24-Aug-98	2

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
82	728B1-3529	C	1/1	CONSTELLATION Truck/Tractor with inversion valve, without bobtail proportioning with ABS with/without ATC	24-Aug-98	2
83	728B1-3530	A	1/1	CONSTELLATION Truck/Tractor with single axle without inversion valve, without bobtail proportioning with/without ABS or ATC	24-Aug-98	2
84	728B1-3531	A	1/1	Air system piping chassis piping section	24-Aug-98	2
85	728B1-3532	A	1/1	HERITAGE Tractor without inversion valve, without bobtail proportioning with/without ABS or ATC	24-Aug-98	2
86	728B1-3533	A	1/1	HERITAGE Tractor without inversion valve, without bobtail proportioning without ABS	24-Aug-98	2
87	728B1-3534	new	1/1	HERITAGE Tractor without inversion valve, without bobtail proportioning with ABS & with/without ATC	24-Aug-98	2
88	728B1-3535	B	1/1	Air system piping chassis piping section	24-Aug-98	2
89	728B1-3536	A	1/1	Air system piping chassis piping section	24-Aug-98	2
90	728B1-3537	A	1/1	HERITAGE Truck/Tractor single axle without inversion valve, without bobtail proportioning with/without ABS & with/without ATC	24-Aug-98	2
91	728B1-3538	C	1/1	Air system piping chassis piping section	24-Aug-98	2
92	728B1-3539	B	1/1	Air system piping chassis piping section	24-Aug-98	2
93	728B1-3540	A	1/1	AUSTRALIA HERITAGE 6x4 Tractor with inversion valve	24-Aug-98	2
94	728B1-3541	A	1/1	AUSTRALIA HERITAGE 6x4 Tractor B-Double, ABS	24-Aug-98	2

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
95	728B1-3542	A	1/1	AUSTRALIA HERITAGE 6x4 Tractor with inversion valve, ABS	24-Aug-98	2
96	728B1-3543	B	1/1	AUSTRALIA HERITAGE 8x6 Tractor with inversion valve	24-Aug-98	2
97	728B1-3544	A	1/1	AUSTRALIA HERITAGE Dual Trailer Connections	24-Aug-98	2
98	728B1-3545	A	1/1	Air system piping chassis piping section	24-Aug-98	2
99	728B1-3546	A	1/1	Air system piping chassis piping section	24-Aug-98	2

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
100	728B1-3547	new	1/1	HERITAGE Tractor without inversion valve, without bobtail proportioning & dual relay valves - For use with type 36 chambers & tandem axles without ABS	24-Aug-98	2
101	728B1-3548	A	1/1	Air system piping chassis piping section	24-Aug-98	2
102	728B1-3549	A	1/1	AUSTRALIAN HERITAGE 6x4 Tractor B-Double	24-Aug-98	2
103	728B1-3550	new	1/1	HERITAGE Tractor without inversion valve, without bobtail proportioning with R-12 relay valve at front axle without ABS	24-Aug-98	2
104	728B1-3551	A	1/1	Air system piping chassis piping section	24-Aug-98	2
105	728B1-3552	A	1/1	Air system piping chassis piping section	24-Aug-98	2
106	728B1-3553	B	1/1	Air system piping chassis piping section	24-Aug-98	2
107	728B1-3554	C	1/1	Air system piping chassis piping section	27-Mar-00	2
108	728B1-3555	A	1/1	Air system piping chassis piping section	24-Aug-98	2

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
109	728B1-3561	new	1/1	Air Line Diagram 6 x 4 Tractor w/Inversion	24-Aug-98	2
110	728B1-3562	new	1/1	Air Line Diagram 6 x 4 Tractor w/Inversion	24-Aug-98	2
111	728B1-3573	New	1/1	Air systems Piping Chassis piping section	27-Mar-00	2
112	728B1-3574	New	1/1	Air systems Piping Chassis piping section	27-Mar-00	2
113	729A1-3404	new	1/1	Installation valve - standard mount	24-Aug-98	2
114	729A1-3405	new	1/1	Installation valve with external BOC cross member	24-Aug-98	2
115	741A1-3415	new	1/1	ATC valve on Midland relay for ABS	24-Aug-98	2
116	741A1-3416	new	1/1	Wabco ATC valve on Midland relay for ABS	24-Aug-98	2

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
117	741A1-3420	A	1/1	Quick Release Valve Rear Drop Lines Installation	24-Aug-98	2
118	741A1-3423	New	1/1	ABS Module Rear Axle, Eaton/Bosch	20-Jun-00	2
119	741A1-3427	New	1/1	Eaton ABS Module Front Axle, 38/48/49/59XX	20-Jun-00	2
120	78203-3404	new	1/1	Spring brake inversion valve Midland N-20950-CA	24-Aug-98	2
121	792B1-3401	new	1/1	Tractor Protection Valve Piping Section	24-Aug-98	2
Section 3: Drive Axle Traction Controls						
122	337B1-3419	A	1/1	CONSTELLATION Differential lock	24-Aug-98	3
123	337B1-3423	A	1/1	HERITAGE Traction control (Eaton DS-461, 521, 581 axles)	24-Aug-98	3
124	337B1-3424	A	1/1	HERITAGE Traction control front & rear with separate switches (Eaton D-461, 521, 581 axles)	24-Aug-98	3
125	337B1-3426	new	1/1	HERITAGE Traction control front centre & rear with separate switches (Rockwell tridem axles)	24-Aug-98	3
126	337B1-3431	new	1/1	Air Piping Schematics - Tandem Axle Diff Locks - Dual Switch	24-Aug-98	3
127	337B1-3432	new	1/1	Air Piping Schematics - Tandem Axle Diff Locks - Single Switch	24-Aug-98	3
128	337B1-3433	new	1/1	Air Piping Schematics - Tandem Axle Diff Locks - Dual Switch	24-Aug-98	3

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
129	337B1-3434	new	1/1	Air Piping Schematics - Tandem Axle Diff Locks - Dual Switch	24-Aug-98	3
Section 4: Air Ride Suspension						

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
130	357B1-3415	C	1/1	HERITAGE Neway AB-240-5	24-Aug-98	4
131	357B1-3424	A	1/1	HERITAGE Neway air pressure monitor (single or dual gauge)	24-Aug-98	4
132	357B1-3425	A	1/1	HERITAGE Hendrickson air pressure monitor (single gauge)	24-Aug-98	4
133	357B1-3438	B	1/1	HERITAGE Hendrickson height control	24-Aug-98	4
134	357B1-3439	A	1/1	HERITAGE Neway height control	24-Aug-98	4
135	357B1-3440	A	1/1	HERITAGE Hendrickson HAS-210/230 height control	24-Aug-98	4
136	357B1-3453	A	1/1	CONSTELLATION Pressure control AD123/RS	24-Aug-98	4
137	357B1-3462	New	1/1	Neway Suspension	20-Jun-00	4
138	357B1-3463	New	1/1	Hendrickson Suspension	20-Jun-00	4
139	357B1-3464	New	1/1	Lift Axle Prep	20-Jun-00	4
140	357B1-3466	New	1/1	Watson-Chalin Lift Axles	20-Jun-00	4
141	357B1-3467	New	1/1	Air System Piping Suspension Control	20-Jun-00	4
142	357B1-3468	New	1/1	Watson-Chalin Lift Axles	20-Jun-00	4

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
143	357B1-3469	New	1/1	Lift Axle Controls	20-Jun-00	4
Section 5: Pusher/Tag Brake and Suspension						
144	357B1-3417	B	1/1	HERITAGE Neway pusher/tag	24-Aug-98	5
145	357B1-3427	H	1/1	HERITAGE Turner HLM series pusher (without spring brakes)	24-Aug-98	5
146	357B1-3434	D	1/1	HERITAGE Watson Chalin lift axle (with spring brakes)	24-Aug-98	5
147	357B1-3437	B	1/1	HERITAGE Watson Chalin lift axle (without spring brakes)	24-Aug-98	5
148	357B1-3442	A	1/1	HERITAGE Turner HLM series pusher (with spring brakes)	24-Aug-98	5
149	357B1-3443	A	1/1	HERITAGE Watson Chalin lift axle with weather proof control kit (with spring brakes)	24-Aug-98	5
150	357B1-3444	A	1/1	HERITAGE Watson Chalin lift axle with weather proof control kit (without spring brakes)	24-Aug-98	5
151	357B1-3445	A	1/1	HERITAGE Neway pusher/tag with weather proof control kit	24-Aug-98	5
152	357B1-3447	B	1/1	CONSTELLATION Neway pusher/tag	24-Aug-98	5
153	357B1-3448	A	1/1	CONSTELLATION pusher/tag Prep	24-Aug-98	5
154	357B1-3449	C	1/1	CONSTELLATION Turner HLM series pusher (without spring brakes)	24-Aug-98	5

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Serial	Drawing Number	Rev Level	Sheet No.	Description	Date Issued	Section
155	357B1-3450	C	1/1	CONSTELLATION Watson Chalin lift axle pipe (without spring brakes)	24-Aug-98	5
156	357B1-3451	C	1/1	CONSTELLATION Watson Chalin lift axle pipe (with spring brakes)	24-Aug-98	5
157	357B1-3454	A	1/1	CONSTELLATION Turner HLM lift axle (with spring brakes)	24-Aug-98	5
Section 6: Air Dryer						
158	713B1-3410	A	1/1	Turbo 2000 Air Dryer	24-Aug-98	6
159	713B1-3411	B	1/1	Rockwell/Wabco 1200 Air Dryer	24-Aug-98	6
160	713B1-3414	new	1/1	Rockwell/Wabco Twin Air Dryer	24-Aug-98	6
161	713B1-3415	new	1/1	Bendix AD-9 Air Dryer	24-Aug-98	6
162	713B1-3427	A	1/1	30+ CFM Air Compressors with Air Dryer	24-Aug-98	6
163	713B1-3428	B	1/1	30+ CFM Air Compressors with Wabco twin Air Dryer	24-Aug-98	6