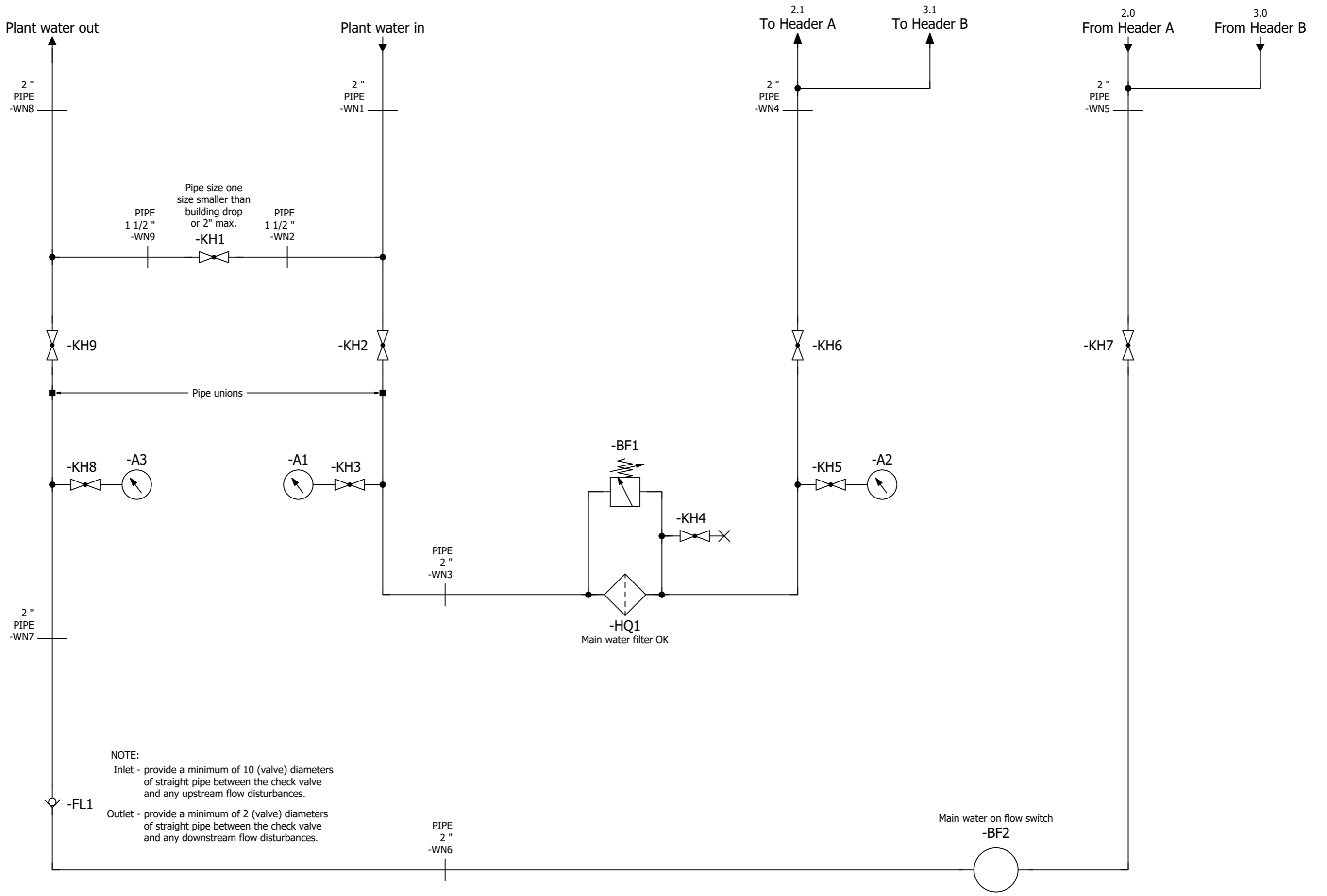


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&MAA/1	Title page / cover sheet		12/15/2022	MKLEPADLO	
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&MFS=KH3+KH3/1	Incoming water supply		12/15/2022	MKLEPADLO	
&MFS=KH3+KH3/2	Water distribution Header A		1/18/2023	MKLEPADLO	
&MFS=KH3+KH3/3	Water distribution Header B		1/18/2023	MKLEPADLO	
&MPB+KH3/1	Parts list : 25.110.100 - 77-103-46		1/18/2023	MKLEPADLO	
&MPB+KH3/2	Parts list : W-8368-GREEN - W-8368-GREEN		12/15/2022	MKLEPADLO	
&MMC/1	Cable overview		1/18/2023	MKLEPADLO	



Date	12/15/2022	Volvo Trucks North America	Valiant TMS	Incoming water supply	Drawing name:	= 2V01&MFS-WATER_KF2	= KH3
Ed.	MKLEPADLO	P6700 Framing - Cell 2V01, KF2			Document type:	MFS	+ KH3
Appr.		Replacement of	Replaced by	Scale 1:1	Project nr:	22-16152	Page 1
Modification	Date	Name	Original				8

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=KH3-A1	1	1/4" Pressure gauge, 0~100PSI 2-1/2" dial w/ABS case	25.110.100	NOSHOK	25.110.100
=KH3-A2	1	1/4" Pressure gauge, 0~100PSI 2-1/2" dial w/ABS case	25.110.100	NOSHOK	25.110.100
=KH3-A3	1	1/4" Pressure gauge, 0~100PSI 2-1/2" dial w/ABS case	25.110.100	NOSHOK	25.110.100
=KH3-BF1	1	Water differential pressure switch w/gage, 1/4 pt	DP-F-KIT	OMNI CONTROLS	DP-F-KIT
=KH3-BF2	1	Water flow switch, 1/2" NPT, PNP N.O., M12, Immersion Sensor	FCS-N1/2A4-AP8X-H1141	TURCK	TUR.FCS-N1/2A4-AP8X-H1141
=KH3-FL1	1	2" CHECK VALVE, IN LINE	61-108-01	CONBRACO	61-108-01
=KH3-HQ1	1	2" Water bag filter; NPT size 2, 200 GPM max flow	20403-001-2"	OMNI CONTROLS	20403-001-2"
=KH3-KH1	1	1-1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-107-46	APOLLO	77-107-46
=KH3-KH1	1	1-1/2" ~ 2" BALL VALVE HANDLE COVER, RED	W-8374-RED	CONBRACO	W-8374-RED
=KH3-KH2	1	2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-108-46	APOLLO	77-108-46
=KH3-KH2	1	1-1/2" ~ 2" BALL VALVE HANDLE COVER, GREEN	W-8374-GREEN	CONBRACO	W-8374-GREEN
=KH3-KH3	1	1/4" BALL VALVE, 2PC FULL PORT BRONZE - NPT	77-101-01	APOLLO	77-101-01
=KH3-KH3	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH4	1	1/4" BALL VALVE, 2PC FULL PORT BRONZE - NPT	77-101-01	APOLLO	77-101-01
=KH3-KH4	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH5	1	1/4" BALL VALVE, 2PC FULL PORT BRONZE - NPT	77-101-01	APOLLO	77-101-01
=KH3-KH5	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH6	1	2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-108-46	APOLLO	77-108-46
=KH3-KH6	1	1-1/2" ~ 2" BALL VALVE HANDLE COVER, GREEN	W-8374-GREEN	CONBRACO	W-8374-GREEN
=KH3-KH7	1	2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-108-46	APOLLO	77-108-46
=KH3-KH7	1	1-1/2" ~ 2" BALL VALVE HANDLE COVER, GREEN	W-8374-GREEN	CONBRACO	W-8374-GREEN
=KH3-KH8	1	1/4" BALL VALVE, 2PC FULL PORT BRONZE - NPT	77-101-01	APOLLO	77-101-01
=KH3-KH8	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH9	1	2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-108-46	APOLLO	77-108-46
=KH3-KH9	1	1-1/2" ~ 2" BALL VALVE HANDLE COVER, GREEN	W-8374-GREEN	CONBRACO	W-8374-GREEN
=KH3-KH11	1	1-1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-107-46	APOLLO	77-107-46
=KH3-KH11	1	1-1/2" ~ 2" BALL VALVE HANDLE COVER, GREEN	W-8374-GREEN	CONBRACO	W-8374-GREEN
=KH3-KH14	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH14	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH15	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH15	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH16	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH16	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH17	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH17	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH18	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH18	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH19	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH19	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH20	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH20	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH21	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH21	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH22	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH22	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH23	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH23	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH24	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH24	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH25	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH25	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH31	1	1-1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-107-46	APOLLO	77-107-46
=KH3-KH31	1	1-1/2" ~ 2" BALL VALVE HANDLE COVER, GREEN	W-8374-GREEN	CONBRACO	W-8374-GREEN
=KH3-KH34	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH34	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH35	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46

&MFS=KH3/3


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Date	1/18/2023	Volvo Trucks North America	Valiant TMS	Parts list : 25.110.100 - 77-103-46	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Framing - Cell 2V01, KF2	Scale 1:1		=2V01&MFS-WATER_KF2	+ KH3	
Appr					Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by	MPB	22-16152	8

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=KH3-KH35	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH36	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH36	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH37	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH37	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH38	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH38	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH39	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH39	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH40	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH40	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH41	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH41	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH42	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH42	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH43	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH43	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH44	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH44	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN
=KH3-KH45	1	1/2" BALL VALVE, 2PC FULL PORT BRONZE W/LOCK - NPT	77-103-46	APOLLO	77-103-46
=KH3-KH45	1	1/4"~1/2" BALL VALVE HANDLE COVER, GREEN	W-8368-GREEN	CONBRACO	W-8368-GREEN

Date	12/15/2022	Volvo Trucks North America		Valiant TMS	Parts list : W-8368-GREEN - W-8368-GREEN	Drawing name:	=
Ed.	MKLEPADLO	P6700 Framing - Cell 2V01, KF2				=2V01&MFS-WATER_KF2	+ KH3
Appr		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:
Modification	Date	Name	Original			MPB	22-16152
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Cable overview

F10_001_Cable

Cable name	Source (from)	Target (to)	cable type	all conductors	Conductors used	Cross-section [mm]	Length [m]	remark
=KH3-WN14			83FR	1	0	1/2		
=KH3-WN15			83FR	1	0	1/2		
=KH3-WN16			83FR	1	0	1/2		
=KH3-WN17			83FR	1	0	1/2		
=KH3-WN18			83FR	1	0	1/2		
=KH3-WN19			83FR	1	0	1/2		
=KH3-WN20			83FR	1	0	1/2		
=KH3-WN21			83FR	1	0	1/2		
=KH3-WN22			83FR	1	0	1/2		
=KH3-WN23			83FR	1	0	1/2		
=KH3-WN24			83FR	1	0	1/2		
=KH3-WN25			83FR	1	0	1/2		
=KH3-WN34			83FR	1	0	1/2		
=KH3-WN35			83FR	1	0	1/2		
=KH3-WN36			83FR	1	0	1/2		
=KH3-WN37			83FR	1	0	1/2		
=KH3-WN38			83FR	1	0	1/2		
=KH3-WN39			83FR	1	0	1/2		
=KH3-WN40			83FR	1	0	1/2		
=KH3-WN41			83FR	1	0	1/2		
=KH3-WN42			83FR	1	0	1/2		
=KH3-WN43			83FR	1	0	1/2		
=KH3-WN44			83FR	1	0	1/2		
=KH3-WN45			83FR	1	0	1/2		
=KH3-WN2	=KH3+KH3-KH1	=KH3+KH3-KH2	PIPE	1	0	1 1/2		
=KH3-WN9	=KH3+KH3-KH1	=KH3+KH3-KH9	PIPE	1	0	1 1/2		
=KH3-WN11	=KH3+KH3-KH11	=KH3+KH3-KH22	PIPE	1	0	1 1/2		
=KH3-WN32	=KH3+KH3-KH31	=KH3+KH3-KH42	PIPE	1	0	1 1/2		
=KH3-WN1			PIPE	1	0	2		
=KH3-WN3	=KH3+KH3-HQ1	=KH3+KH3-KH3	PIPE	1	0	2		
=KH3-WN4	=KH3+KH3-KH4.1	=KH3+KH3-KH6	PIPE	1	0	2		
=KH3-WN5	=KH3+KH3-KH5.1	=KH3+KH3-KH7	PIPE	1	0	2		
=KH3-WN6	=KH3+KH3-BF2	=KH3+KH3-FL1	PIPE	1	0	2		
=KH3-WN7	=KH3+KH3-FL1	=KH3+KH3-KH8	PIPE	1	0	2		
=KH3-WN8	=KH3+KH3-KH9	=KH3+KH3-OUT	PIPE	1	0	2		

&MPB+KH3/2