

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx.. = Multiplex system global Network Variable

Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A36.JA:13	O_EngineRun	Engine Run Signal	3,2	A15:6	B_EngineRun	.	
					D_OnOffDrvSw	.	
					I_AccKeySw	A36.JB:6	
					I_BatMonMod53	A53.J1:24	6,1
					I_BatMonMod54	A54.J1:24	6,1
					I_IgnKeySw	A36.JB:2	
A36.JA:14	O_MasterRlyLatch		3,2		B_EngineRun	.	
					I_IgnKeySw	A36.JB:2	
					I_RrCutOutSw	A36.JB:21	3,2
A36.JA:15	O_WakeUp	WakeUp Relay	3,3	R21:87a, D15.B:1, R17.A:2, R19:86, R18:86	I_AccKeySw	A36.JB:6	
					I_EntDrUnlockSw	A41.J1:8	29,1
					I_HazardSw	A36.JB:4	26,1
					I_IgnKeySw	A36.JB:2	
					I_RrCutOutSw	A36.JB:21	3,2
					I_WakeUp	A36.JB:5	9,1
A36.JA:24	O_CutOutRel	Emergency CutOut Relay	3,2		I_FireExt2ndAlm	A44.J1:10	
					I_IgnKeySw	A36.JB:2	
A36.JA:6	O_DrUnlockRly	Luggages doors unlocks relays	33,1	R33:86, R32:86	I_KeylessLuggUnl	A41.J1:18	29,1
					I_LugDorULkSw	A41.J1:20	33,1
A36.JA:7	O_DrLockRly	Luggages doors locks relays	33,1	R30:86, R31:86	I_AccKeySw	A36.JB:6	
					I_EntDrUnlockSw	A41.J1:8	29,1
					I_HazardSw	A36.JB:4	26,1
					I_IgnKeySw	A36.JB:2	
					I_KeylessLockAll	A41.J1:19	29,1
					I_LugDorLkSw	A41.J1:17	33,1
					I_RrCutOutSw	A36.JB:21	3,2
					I_WakeUp	A36.JB:5	9,1
A41.J1:11	O_ConvWakeUp	Converter wake up signal	36,1	CC2:1, FREE:FREE, CC2:1	I_AccKeySw	A36.JB:6	
					I_EntDrUnlockSw	A41.J1:8	29,1
					I_HazardSw	A36.JB:4	26,1
					I_IgnKeySw	A36.JB:2	
					I_RrCutOutSw	A36.JB:21	3,2
					I_WakeUp	A36.JB:5	9,1
A41.J1:15	O_ConvParkBrk	Converter park brake signal	36,1	CC2:4, FREE:FREE, CC2:4	I_ParkBrSe	A36.JB:9	
A41.J1:16	O_WakeUpA41		9,1	A36.JB:5	I_AccKeySw	A36.JB:6	
					I_DrvLtSw	A41.J1:2	19,1
					I_EntDorLockSw	A41.J1:9	29,1
					I_EntDorOpSe	A41.J1:5	29,1
					I_EntDrUnlockSw	A41.J1:8	29,1
					I_FireSensorA36	A41.J1:10	9,1
					I_HazardSw	A36.JB:4	26,1
					I_HornSw	A41.J1:3	9,1
					I_IanKeySw	A36.JB:2	

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A41.J1:16	O_WakeUpA41		9,1	A36.JB:5	I_KeylessDrUnl	A41.J1:4	29,1
					I_KeylessEntReq	A41.J1:21	29,1
					I_KeylessIntru	A41.J1:7	29,1
					I_KeylessLockAll	A41.J1:19	29,1
					I_KeylessLuggUnl	A41.J1:18	29,1
					I_LugDorLkSw	A41.J1:17	33,1
					I_LugDorULkSw	A41.J1:20	33,1
					I_RrCutOutSw	A36.JB:21	3,2
					I_WakeUp	A36.JB:5	9,1
A42.J1:11	O_ConvIgnition	Converter ignition signal	36,1	CC2:5, FREE:FREE, CC2:5	I_IgnKeySw	A36.JB:2	
A42.J1:12	O_ConvEngRun	Converter engine run signal	36,1	CC2:6, FREE:FREE, CC2:6	B_EngineRun	.	
A42.J1:13	O_SldO2MotIn	Rear Slide Out retracting	36,1	CC2:9, FREE:FREE, CC2:9	I_BatMonMod57	A57.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO2CloseSw	A57.J1:10	20,1
					I_SldO2LimiOutSw	A57.J1:14	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO2OpenSw	A57.J1:9	20,1
					I_SldO2PBrakeSw	A57.J1:12	20,1
A42.J1:14	O_SldO1MotIn	Front Slide Out retracting	36,1	A52.J1:21, D29:B, L199:A, CC2:7, FREE:FREE, CC2:7	I_BatMonMod56	A56.J1:24	6,1
					I_SldO1CloseSw	A56.J1:10	20,1
					I_SldO1LimiOutSw	A56.J1:14	20,1
					I_SldO1LimitInSe	A56.J1:11	20,1
					I_SldO1OpenSw	A56.J1:9	20,1
					I_SldO1PBrakeSw	A56.J1:12	20,1
					I_SldO1VacPrSe	A56.J1:13	20,1
A42.J1:16	O_SldO1MotOut	Front Slide Out extending	36,1	CC2:8, FREE:FREE, CC2:8	I_BatMonMod56	A56.J1:24	6,1
					I_SldO1CloseSw	A56.J1:10	20,1
					I_SldO1LimiOutSw	A56.J1:14	20,1
					I_SldO1LimitInSe	A56.J1:11	20,1
					I_SldO1OpenSw	A56.J1:9	20,1
					I_SldO1PBrakeSw	A56.J1:12	20,1
					I_SldO1VacPrSe	A56.J1:13	20,1
A43.J1:11	O_SldO2MotOut	Rear Slide Out extending	36,1	Se23:A, A52.J1:16, Se24:A, CC2:10, FREE:FREE, CC2:10	I_BatMonMod57	A57.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO2CloseSw	A57.J1:10	20,1
					I_SldO2LimiOutSw	A57.J1:14	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO2OpenSw	A57.J1:9	20,1
					I_SldO2PBrakeSw	A57.J1:12	20,1
A44.J1:1	O_DashTrapPMo	Dash Trap Motor	18,1	Mo3:1	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IanKevSw	A36.JB:2	

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A44.J1:2	O_DashTrapNM0	Dash Trap Motor Return	18,1	Mo3:3	D_AirFlapBit0 D_AirFlapBit1 D_AirFlapBit2 I_IgnKeySw A36.JB:2
A44.J1:20	O_DashBackLit	Dash BackLighting		Pot1.C:1	I_HdLtPos1Sw A43.J1:4 26,1
A44.J1:4	O_BrakeRedundant	Brake Redundant For Volvo D13	14,2		I_BrkLtSeFrSig A36.JB:13 I_BrkLtSeRrSig A51.J1:10 12,1
A44.J1:7	O_BackUpMon	Backup Monitor Signal	28,1		I_BackUpCamSw A42.J1:6 28,1
A44.J1:8	O_FrClearLb	Front Clearance Lights Bulb	26,1	L26.A:1, L27.A:1, L21.A:1, L22.A:1, L23.A:1, L24.A:1, L25.A:1	B_BatterySaver B_TstModExtLight I_BlinkSw A43.J1:20 26,1 I_HdLtPos1Sw A43.J1:4 26,1 I_HdLtPos2SwLH A45.J1:12
A45.J1:1	O_FootTrpPSol	Foot Trap Solenoid	18,1	Mo4:A	D_AirFlapBit0 D_AirFlapBit1 D_AirFlapBit2 I_IgnKeySw A36.JB:2
A45.J1:2	O_FootTrpNSol	Foot Trap Solenoid	18,1	Mo4:B	D_AirFlapBit0 D_AirFlapBit1 D_AirFlapBit2 I_IgnKeySw A36.JB:2
A45.J1:20	O_HornSol	Electric Horn	9,1	L186:A, L185:A	I_AccKeySw A36.JB:6 I_EntDrUnlockSw A41.J1:8 29,1 I_FireExt1stAlm A36.JB:23 I_FireExt2ndAlm A44.J1:10 I_FireSensorA36 A41.J1:10 9,1 I_HazardSw A36.JB:4 26,1 I_HornSw A41.J1:3 9,1 I_IgnKeySw A36.JB:2 I_KeylessDrUnl A41.J1:4 29,1 I_KeylessIntru A41.J1:7 29,1 I_KeylessLockAll A41.J1:19 29,1 I_KeylessLuggUnl A41.J1:18 29,1 I_KeylessPanic A41.J1:6 29,1 I_LugDorLkSw A41.J1:17 33,1 I_RrCutOutSw A36.JB:21 3,2 I_WakeUp A36.JB:5 9,1
A45.J1:21	O_LHFrmkrLb	Left Hand Front Markers Light Bulb	26,1	L65:1, L62:3	B_BatterySaver B_TstModExtLight I_BlinkSw A43.J1:20 26,1 I_HdLtPos1Sw A43.J1:4 26,1 I_HdLtPos2SwLH A45.J1:12 I_IgnKeySw A36.JB:2

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A45.J1:21	O_LHFrMkrLb	Left Hand Front Markers Light Bulb	26,1	L65:1, L62:3	I_KeylessIntru	A41.J1:7	29,1
					I_KeylessPanic	A41.J1:6	29,1
A45.J1:3	O_LHFrFlshLb	Left Hand Front Flasher Light Bulb	26,1	L66:1, L62:2, L70:1, A50.J1:5, L300:1, L304:in	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFlshSw	A45.J1:9	26,1
					I_LHFlshSwRrSig	A51.J1:9	26,2
					I_RHFlshSwRrSig	A51.J1:12	26,2
A45.J1:4	O_LHFogLb	Left Hand Fog Light Bulb	26,3	L95:A	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_FogLightSw	A43.J1:10	26,3
A45.J1:5	O_LHCornerLb	Left Hand Cornering Light Bulb	26,3	L97.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_CorneringLtSw	A43.J1:21	26,3
					I_LHFlshSw	A45.J1:9	26,1
A45.J1:6	O_LHHiBmLb	Left Hand Hi Beam Light Bulb	26,1	L60.B:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HdLtHiLowBmSw	A43.J1:8	26,1
					I_HdLtPos2SwLH	A45.J1:12	
					I_HiBeamCallSw	A43.J1:3	26,1
A45.J1:7	O_LHLwBmLb	Left Hand Low Beam Light Bulb	26,1	L60.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_HdLtPos2SwLH	A45.J1:12	
A45.J1:8	O_FlshAudiRel	Flasher Audible Relay	26,1	R16:86	I_HazardSw	A36.JB:4	26,1
					I_IgnKeySw	A36.JB:2	
					I_LHFlshSw	A45.J1:9	26,1
					I_LHFlshSwRrSig	A51.J1:9	26,2
					I_RHFlshSw	A48.J1:12	26,1
					I_RHFlshSwRrSig	A51.J1:12	26,2
A46.J1:1	O_AuxFanSpeed	Auxiliary fan speed control	18,3		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					D_AuxFanSpdBit0	.	
					D_AuxFanSpdBit1	.	
					D_AuxFanSpdBit2	.	
					D_AuxFnOnOffSw	.	
					I_BatMonMod46	A46.J1:24	6,1
					I_IgnKeySw	A36.JB:2	
A46.J1:21	O_HeadLmpWshM		34,1	Mo54:2	I_HeadLmpWshSw	A45.J1:11	34,1
A46.J1:3	O_LwWshPmp	Lower Wiper Washer Pump	34,1	Mo19.B:1, Mo20.B:1	B_BatterySaver	.	
					I_LwWshSw	A46.J1:9	34,1
A46.J1:5	O_DrvRfdSol	Driver refrigerent solenoid	18 1		B_BatterySaver	.	

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A46.J1:5	O_DrvRfgSol	Driver refrigerent solenoid	18,1		B_EngineRun	.
					B_LowVoltage	.
					B_TestMode	.
					B_TstModHvac	.
					D_OnOffDrvSw	.
					I_AcPresHiSse	A52.J1:13 18,2
					I_AcPresLoSse	A52.J1:14 18,2
					I_FrontOutTemp	A47.J1:14 18,3
					I_OutDoorTempSe	A54.J1:14 18,1
A46.J1:6	O_DrvHeatSol	Driver Heat Solenoid	18,1	Sw3:8, Sw3:6, So8:1	B_BatterySaver	.
					B_EngineRun	.
					B_LowVoltage	.
					B_OneAltCharging	.
					B_TestMode	.
					B_TstModHvac	.
					D_AirFlapBit0	.
					D_AirFlapBit1	.
					D_AirFlapBit2	.
					D_AuxFanSpdBit0	.
					D_AuxFanSpdBit1	.
					D_AuxFanSpdBit2	.
					D_DriverSetPts	.
					D_DrvFnSpdBit0	.
					D_DrvFnSpdBit1	.
					D_DrvFnSpdBit2	.
					D_OnOffDrvSw	.
					D_OnOffPassSw	.
					D_PassSetPts	.
					I_BatMonMod46	A46.J1:24 6,1
					I_BatMonMod54	A54.J1:24 6,1
					I_DefrostHighSw	A47.J1:10 18,1
					I_DefrostLowSw	A47.J1:12 18,1
					I_DrvTempSe	A46.J1:13 18,1
					I_FireExt1stAl	A36.JB:23
					I_FireExt2ndAlm	A44.J1:10
					I_FireSensorA36	A41.J1:10 9,1
					I_FrontOutTemp	A47.J1:14 18,3
					I_OutDoorTempSe	A54.J1:14 18,1
A46.J1:8	O_AuxSolValve	Auxiliary refrigerant solenoid valve	18,3		B_BatterySaver	.
					B_EngineRun	.
					B_TestMode	.
					D_AuxFnOnOffSw	.
					D_OnOffDrvSw	.

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A46.J1:8	O_AuxSolValve	Auxiliary refrigerant solenoid valve	18,3		I_AcPresHiSse	A52.J1:13	18,2
					I_AcPresLoSse	A52.J1:14	18,2
A47.J1:1	O_DrvDefFanMo	Driver Defroster Fan Motor	18,1	A24.B:B	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffDrvSw	.	
					I_BatMonMod47	A47.J1:24	6,1
					I_IgnKeySw	A36.JB:2	
A47.J1:2	O_DrvRecTrap	Driver Recycle Trap	18,1	L203:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffDrvSw	.	
					D_RecSw	.	
A47.J1:20	O_AuxWaterPump	Auxiliary water pump	18,3	Mo50:A, A54.J1:4, D30.B:1, Mo12.A:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					D_AuxFanSpdBit0	.	
					D_AuxFanSpdBit1	.	
					D_AuxFanSpdBit2	.	
					D_DriverSetPts	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffDrvSw	.	
					I_DefrostHighSw	A47.J1:10	18,1
					I_DefrostLowSw	A47.J1:12	18,1
					I_FrontOutTemp	A47.J1:14	18,3
					I_OutDoorTempSe	A54.J1:14	18,1
A47.J1:3	O_LwWipSpd1	Lower Wiper Speed 1	34,1	R23:86	B_BatterySaver	.	
					I_LwWipIntSw	A42.J1:8	34,1
					I_LwWshSw	A46.J1:9	34,1
A47.J1:5	O_EntDorStpLb	Entrance Door Step Light Bulb	29,1	L18.A:1, L17:1	I_AccKeySw	A36.JB:6	
					I_EntDorOpSe	A41.J1:5	29,1
					I_EntDrUnlockSw	A41.J1:8	29,1
					I_HazardSw	A36.JB:4	26,1
					I_IgnKeySw	A36.JB:2	
					I_KeylessDrUnl	A41.J1:4	29,1
					I_KeylessLuadUnl	A41.J1:18	29,1

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A47.J1:5	O_EntDorStpLb	Entrance Door Step Light Bulb	29,1	L18.A:1, L17:1	I_LugDorLkSw	A41.J1:17	33,1
					I_RrCutOutSw	A36.JB:21	3,2
					I_WakeUp	A36.JB:5	9,1
A47.J1:6	O_DriverLtLb	Driver Light Bulb	19,1	L16:1	B_BatterySaver	.	
					I_DrvLtSw	A41.J1:2	19,1
A47.J1:7	O_RHDefrostFan	Passenger defrost fan speed control	18,1	A30.A:D, Se25:2, A54.J1:13	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffDrvSw	.	
					I_BatMonMod47	A47.J1:24	6,1
					I_DefrostHighSw	A47.J1:10	18,1
					I_DefrostLowSw	A47.J1:12	18,1
					I_IgnKeySw	A36.JB:2	
A48.J1:1	O_DoorUnlockMo	Entrance door unlock motor	29,1	D71.B:1, Mo26:A	I_AccKeySw	A36.JB:6	
					I_EntDorOpSe	A41.J1:5	29,1
					I_EntDrUnlockSw	A41.J1:8	29,1
					I_EntDrUnSw	A48.J1:9	29,1
					I_HazardSw	A36.JB:4	26,1
					I_IgnKeySw	A36.JB:2	
					I_KeylessDrUnl	A41.J1:4	29,1
					I_RrCutOutSw	A36.JB:21	3,2
					I_WakeUp	A36.JB:5	9,1
A48.J1:2	O_DoorLockMo	Entrance door lock motor	29,1	D72.B:1, Mo26:B	I_AccKeySw	A36.JB:6	
					I_EntDorLockSw	A41.J1:9	29,1
					I_EntDorOpSe	A41.J1:5	29,1
					I_EntDrUnlockSw	A41.J1:8	29,1
					I_HazardSw	A36.JB:4	26,1
					I_IgnKeySw	A36.JB:2	
					I_KeylessLockAll	A41.J1:19	29,1
					I_RrCutOutSw	A36.JB:21	3,2
					I_WakeUp	A36.JB:5	9,1
A48.J1:20	O_RHFrSidFishLb	RH Front Side Flasher L-Bulb	26,1	L64:1, A51.J1:3, D70.A:1, L76:1, L73:3	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFlashSwRrSig	A51.J1:9	26,2
					I_RHFlashSw	A48.J1:12	26,1
					I_RHFlashSwRrSig	A51.J1:12	26,2
A48.J1:3	O_RHHiBeamLb	Right Hand Hi Beam Light Bulb	26,1	L57.B:1, L59.B:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	

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A48.J1:3	O_RHHiBeamLb	Right Hand Hi Beam Light Bulb	26,1	L57.B:1, L59.B:1	I_HdLtHiLowBmSw	A43.J1:8	26,1
					I_HdLtPos2SwLH	A45.J1:12	
					I_HiBeamCallSw	A43.J1:3	26,1
A48.J1:4	O_RHLwBeamLb	Right Hand Low Beam Light Bulb	26,1	L57.A:B, L59.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_HdLtPos2SwRH	A48.J1:10	26,1
A48.J1:5	O_RHCornerLb	Right Hand Cornering Light Bulb	26,3	L98.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_CorneringLtSw	A43.J1:21	26,3
					I_RHFishSw	A48.J1:12	26,1
A48.J1:6	O_RHFrFishLb	Right Hand Front Flasher Light Bulb	26,1	L61:2, L68:1, L302:1, A50.J1:7, L306:in	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFishSwRrSig	A51.J1:9	26,2
					I_RHFishSw	A48.J1:12	26,1
					I_RHFishSwRrSig	A51.J1:12	26,2
A48.J1:7	O_RHFrMrkLb	Right Hand Front Markers Light Bulb	26,1	L63:1, L61:3, L67:1, L303:1, L301:1, L74:1, L80:2, A51.J1:8, L77:2, L78:2, L83:B, L72:1, L79:2, L82:B, A50.J1:8, L69:1, L307:in, L305:in	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	
					I_KeylessIntru	A41.J1:7	29,1
					I_KeylessPanic	A41.J1:6	29,1
A50.J1:2	O_TransInhibit	Transmission Inhibit	15,1	A1:55, A1:1, A7:2	I_BrkLtSeFrSig	A36.JB:13	
					I_BrkLtSeRrSig	A51.J1:10	12,1
					I_SldO1LimitInSe	A56.J1:11	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO3LimitInSe	A58.J1:11	20,2
A50.J1:20	O_RevAlarm	Back up alarm	26,3	L187:A, L92:1, L91:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TestSwBuz2	.	
					B_TestSwBuzzer	.	
					B_TstModExtLight	.	
					B_TstModHvac	.	
					B_TstModHvacNext	.	
					B_TstModSACNext	.	
					B_TestSwBuz3	.	
A50.J1:3	O_RevLbBuz	Reverse Alarm and Light Bulb	26,3		B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TestSwBuz2	.	
					B_TestSwBuzzer	.	
					B_TstModExtLight	.	



# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx.. = Multiplex system global Network Variable

Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A50.J1:3	O_RevLbBuz	Reverse Alarm and Light Bulb	26,3		B_TstModHvac	.	
					B_TstModHvacNext	.	
					B_TstModSACNext	.	
					B_TstSwBuz3	.	
					I_RevAlrmSw	A43.J1:6	26,3
A50.J1:4	O_ReClearLb	Rear Clearance Light Bulb	26,2	Res17.A:1, Res16.A:1, L84.A:1, L87.A:1, L85.A:1, L88.A:1, L90.A:1, L89.A:1, L86.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	
A50.J1:5	O_LHctrFlshLb	Water Filter Indicator Warning	26,2	L66:1, A45.J1:3, L62:2, L70:1, L300:1, L304:in	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFlshSwRrSig	A51.J1:9	26,2
					I_RHFlshSwRrSig	A51.J1:12	26,2
A50.J1:6	O_BrLtLowerLb		26,2	L77:3, L79:3	B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	
					I_BrkLtSeRrSig	A51.J1:10	12,1
					I_EngBrOnSe	A42.J1:18	
					I_IgnKeySw	A36.JB:2	
					I_RetdrSig	A50.J1:12	15,1
A50.J1:7	O_RHctrFlshLb	Wheel Chair Lift Warning Indicator	26,2	A48.J1:6, L61:2, L68:1, L302:1, L306:in	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFlshSwRrSig	A51.J1:9	26,2
					I_RHFlshSwRrSig	A51.J1:12	26,2
A50.J1:8	O_CtrSdMrkLb	Tag Axle Warning Indicator	26,2	A48.J1:7, L63:1, L61:3, L67:1, L303:1, L301:1, L74:1, L80:2, A51.J1:8, L77:2, L78:2, L83:B, L72:1, L79:2, L82:B, L69:1, L307:in, L305:in	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	
A51.J1:1	O_SerBrkTrans	Servise Brake Signal For	15,1	A8:50	I_BrkLtSeFrSig	A36.JB:13	
A51.J1:21	O_LHRReFlshLb	Left Hand Rear Flasher Light Bulb	26,2	D69.A:1, L75:1, L71:3	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFlshSwRrSig	A51.J1:9	26,2
					I_RHFlshSwRrSig	A51.J1:12	26,2
A51.J1:3	O_RHRReFlshLb	Right Hand Rear Flasher Light Bulb		A48.J1:20, L64:1, D70.A:1, L76:1, L73:3	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFlshSwRrSig	A51.J1:9	26,2
					I_RHFlshSwRrSig	A51.J1:12	26,2
A51.J1:4	O_LHDockLb	Left Hand Docking Light Bulb	26,3	L93.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_DockingLtSw	A43.J1:7	26,3

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved
A51.J1:4	O_LHDockLb	Left Hand Docking Light Bulb	26,3	L93.A:1	I_LowDockLtsSw A43.J1:5 26,3
A51.J1:5	O_RHDockLb	Right Hand Docking Light Bulb	26,3	L94.A:1	B_BatterySaver . B_TstModExtLight . I_DockingLtSw A43.J1:7 26,3 I_LowDockLtsSw A43.J1:5 26,3
A51.J1:6	O_BrLtUpperLb		26,2	L80:3, L78:3	B_BatterySaver . B_EngineRun . B_TstModExtLight . I_BrkLtSeFrSig A36.JB:13 I_BrkLtSeRrSig A51.J1:10 12,1 I_EngBrOnSe A42.J1:18 I_RetdrSig A50.J1:12 15,1
A51.J1:7	O_CyclopeLt	Cyclope Brake Light	26,2	L81.A:1	B_BatterySaver . B_TstModExtLight . I_BrkLtSeFrSig A36.JB:13 I_BrkLtSeRrSig A51.J1:10 12,1
A51.J1:8	O_ReTailMkLb	Rear Tail Markers Light Bulb	26,2	A48.J1:7, L63:1, L61:3, L67:1, L303:1, L301:1, L74:1, L80:2, L77:2, L78:2, L83:B, L72:1, L79:2, L82:B, A50.J1:8, L69:1, L307:in, L305:in	B_BatterySaver . B_TstModExtLight . I_AccKeySw A36.JB:6 I_BlinkSw A43.J1:20 26,1 I_EntDrUnlockSw A41.J1:8 29,1 I_HazardSw A36.JB:4 26,1 I_HdLtPos1Sw A43.J1:4 26,1 I_HdLtPos2SwLH A45.J1:12 I_IgnKeySw A36.JB:2 I_KeylessDrUnl A41.J1:4 29,1 I_KeylessIntru A41.J1:7 29,1 I_KeylessPanic A41.J1:6 29,1 I_RrCutOutSw A36.JB:21 3,2 I_WakeUp A36.JB:5 9,1
A52.J1:1	O_EngFanSpd1	Engine Fan Radiator Speed 1	13,1	D37:A, Mo2:A	B_BatterySaver . B_EngineRun . B_TestMode . B_TstModHvac . D_OnOffDrvSw . I_AcPresHiSse A52.J1:13 18,2 I_EngFanSpd1 A52.J1:9 13,1 I_EngFanSw A36.JB:14 13,1 I_FireExt1stAl A36.JB:23 I_FireExt2ndAlm A44.J1:10 I_FireSensorA36 A41.J1:10 9,1
A52.J1:2	O_EngFanSpd2	Engine Fan Radiator Speed 2	13,1	D36:A, Mo2:B, Sw22:8, Sw22:6	B_BatterySaver . B_EngineRun .

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved	
A52.J1:2	O_EngFanSpd2	Engine Fan Radiator Speed 2	13,1	D36:A, Mo2:B, Sw22:8, Sw22:6	B_TestMode	.
					B_TstModHvac	.
					D_OnOffDrvSw	.
					L_AcPresHiSSe	A52.J1:13 18,2
					L_EngFanSpd1	A52.J1:9 13,1
					L_EngFanSpd2	A52.J1:10 13,1
					L_EngFanSw	A36.JB:14 13,1
					L_FireExt1stAl	A36.JB:23
					L_FireExt2ndAlm	A44.J1:10
					L_FireSensorA36	A41.J1:10 9,1
A52.J1:20	O_AcCluSol	Hvac AC Clutch Solenoid		D31.B:1, Se29:B	B_BatterySaver	.
					B_EngineRun	.
					B_TestMode	.
					B_TstModHvac	.
					D_OnOffDrvSw	.
					L_AcPresHiSSe	A52.J1:13 18,2
					L_AcPresLoSSe	A52.J1:14 18,2
A52.J1:21	O_AcUnldRH	Hvac Right Hand Cylinder Unloader	18,2	D29:B, L199:A, CC2:7, FREE:FREE, CC2:7, A42.J1:14	B_BatterySaver	.
					B_EngineRun	.
					B_TestMode	.
					B_TstModHvac	.
					D_PassSetPts	.
					L_AcPresHiSSe	A52.J1:13 18,2
					L_AcPresLoSSe	A52.J1:14 18,2
A52.J1:5	O_EngCmptLbZF	Engine Compartment Light Switch	25,1	L173:1, L174:1	L_EngCmptLtSw	A52.J1:11 25,1
					L_EngDoorSe	A52.J1:12 25,1
A52.J1:8	O_AcUnldLH	Hvac Left Hand Cylinder Unloader		D28:B, L200:A	B_BatterySaver	.
					B_EngineRun	.
					B_TestMode	.
					B_TstModHvac	.
					D_PassSetPts	.
					L_AcPresHiSSe	A52.J1:13 18,2
					L_AcPresLoSSe	A52.J1:14 18,2
A53.J1:1	O_StarterRlyRtn	Starter Relay Return	3,2	Term49	L_IgnKeySw	A36.JB:2
A53.J1:5	O_RJBDoFanMo	Rear junction box door fan	11,1		B_BatterySaver	.
					B_EngineRun	.
					B_TestMode	.
					B_TstModHvac	.
					L_BatMonMod53	A53.J1:24 6,1
					L_FrontOutTemp	A47.J1:14 18,3
					L_OutDoorTempSe	A54.J1:14 18,1
A53.J1:6	O_StarterRel	Starter Relay	3,2	Term48	B_BatterySaver	.
					B_EngineRun	.

# MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved																																																						
A53.J1:6	O_StarterRel	Starter Relay	3,2	Term48	<table border="1"> <tr><td>B_TestMode</td><td>.</td><td></td></tr> <tr><td>B_TstModHvac</td><td>.</td><td></td></tr> <tr><td>D_OnOffDrvSw</td><td>.</td><td></td></tr> <tr><td>I_AccKeySw</td><td>A36.JB:6</td><td></td></tr> <tr><td>I_EngStaRrSw</td><td>A53.J1:11</td><td>3,2</td></tr> <tr><td>I_EntDrUnlockSw</td><td>A41.J1:8</td><td>29,1</td></tr> <tr><td>I_FrEngStaSw</td><td>A36.JB:22</td><td>3,2</td></tr> <tr><td>I_FrStrtEnSw</td><td>A53.J1:9</td><td>3,2</td></tr> <tr><td>I_HazardSw</td><td>A36.JB:4</td><td>26,1</td></tr> <tr><td>I_IgnKeySw</td><td>A36.JB:2</td><td></td></tr> <tr><td>I_KeylessDrUnl</td><td>A41.J1:4</td><td>29,1</td></tr> <tr><td>I_KeylessIntru</td><td>A41.J1:7</td><td>29,1</td></tr> <tr><td>I_NeutralSe</td><td>A50.J1:11</td><td>15,1</td></tr> <tr><td>I_RrCutOutSw</td><td>A36.JB:21</td><td>3,2</td></tr> <tr><td>I_RrStrtEnSw</td><td>A53.J1:10</td><td>3,2</td></tr> <tr><td>I_StartLockOut</td><td>A53.J1:12</td><td></td></tr> <tr><td>I_WakeUp</td><td>A36.JB:5</td><td>9,1</td></tr> </table>	B_TestMode	.		B_TstModHvac	.		D_OnOffDrvSw	.		I_AccKeySw	A36.JB:6		I_EngStaRrSw	A53.J1:11	3,2	I_EntDrUnlockSw	A41.J1:8	29,1	I_FrEngStaSw	A36.JB:22	3,2	I_FrStrtEnSw	A53.J1:9	3,2	I_HazardSw	A36.JB:4	26,1	I_IgnKeySw	A36.JB:2		I_KeylessDrUnl	A41.J1:4	29,1	I_KeylessIntru	A41.J1:7	29,1	I_NeutralSe	A50.J1:11	15,1	I_RrCutOutSw	A36.JB:21	3,2	I_RrStrtEnSw	A53.J1:10	3,2	I_StartLockOut	A53.J1:12		I_WakeUp	A36.JB:5	9,1			
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A54.J1:1	O_CndSpd2Rel	Condensor Fan Speed 2 Relay	18,2	R9.A:2	<table border="1"> <tr><td>B_BatterySaver</td><td>.</td><td></td></tr> <tr><td>B_EngineRun</td><td>.</td><td></td></tr> <tr><td>B_LowVoltage</td><td>.</td><td></td></tr> <tr><td>B_TestMode</td><td>.</td><td></td></tr> <tr><td>B_TstModHvac</td><td>.</td><td></td></tr> <tr><td>D_DriverSetPts</td><td>.</td><td></td></tr> <tr><td>D_OnOffPassSw</td><td>.</td><td></td></tr> <tr><td>D_PassSetPts</td><td>.</td><td></td></tr> <tr><td>I_AcPresHiSSe</td><td>A52.J1:13</td><td>18,2</td></tr> <tr><td>I_AcPresLoSSe</td><td>A52.J1:14</td><td>18,2</td></tr> <tr><td>I_BatMonMod54</td><td>A54.J1:24</td><td>6,1</td></tr> <tr><td>I_CoilTherSe</td><td>A47.J1:11</td><td>18,3</td></tr> <tr><td>I_DrvTempSe</td><td>A46.J1:13</td><td>18,1</td></tr> <tr><td>I_FireExt1stAl</td><td>A36.JB:23</td><td></td></tr> <tr><td>I_FireExt2ndAlm</td><td>A44.J1:10</td><td></td></tr> <tr><td>I_FireSensorA36</td><td>A41.J1:10</td><td>9,1</td></tr> <tr><td>I_FrontOutTemp</td><td>A47.J1:14</td><td>18,3</td></tr> <tr><td>I_OutDoorTempSe</td><td>A54.J1:14</td><td>18,1</td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		B_LowVoltage	.		B_TestMode	.		B_TstModHvac	.		D_DriverSetPts	.		D_OnOffPassSw	.		D_PassSetPts	.		I_AcPresHiSSe	A52.J1:13	18,2	I_AcPresLoSSe	A52.J1:14	18,2	I_BatMonMod54	A54.J1:24	6,1	I_CoilTherSe	A47.J1:11	18,3	I_DrvTempSe	A46.J1:13	18,1	I_FireExt1stAl	A36.JB:23		I_FireExt2ndAlm	A44.J1:10		I_FireSensorA36	A41.J1:10	9,1	I_FrontOutTemp	A47.J1:14	18,3	I_OutDoorTempSe	A54.J1:14	18,1
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A54.J1:2	O_EvaSpd2Rel	Evaporator Fan Speed 2	18,2	A1:31, A7:11, Se36:B, A6:B, TermMo9	<table border="1"> <tr><td>B_BatterySaver</td><td>.</td><td></td></tr> <tr><td>B_EngineRun</td><td>.</td><td></td></tr> <tr><td>B_LowVoltage</td><td>.</td><td></td></tr> <tr><td>B_TestMode</td><td>.</td><td></td></tr> <tr><td>B_TstModHvac</td><td>.</td><td></td></tr> <tr><td>D_OnOffPassSw</td><td>.</td><td></td></tr> <tr><td>D_PassSetPts</td><td>.</td><td></td></tr> <tr><td>I_Alt2Voltage</td><td>A49.J1:9</td><td></td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		B_LowVoltage	.		B_TestMode	.		B_TstModHvac	.		D_OnOffPassSw	.		D_PassSetPts	.		I_Alt2Voltage	A49.J1:9																															
B_BatterySaver	.																																																										
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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A54.J1:2	O_EvaSpd2Rel	Evaporator Fan Speed 2	18,2	A1:31, A7:11, Se36:B, A6:B, TermMo9	I_BatMonMod53	A53.J1:24	6,1
					I_BatMonMod54	A54.J1:24	6,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9,1
A54.J1:20	O_ACRecPass	A/C Pass. Gaz Cylinder Recycle	18,2	L205.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffDrvSw	.	
					D_RecSw	.	
A54.J1:3	O_PasRfgSol	Passenger Refrigerent Solenoid	18,2	D11.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_DriverSetPts	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	6,1
					I_CoilTherSe	A47.J1:11	18,3
					I_DrvTempSe	A46.J1:13	18,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9,1
					I_FrontOutTemp	A47.J1:14	18,3
					I_OutDoorTempSe	A54.J1:14	18,1
A54.J1:4	O_ACWaterPmp	Hvac Water Pump		Mo50:A, A47.J1:20, D30.B:1, Mo12.A:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	6,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9,1
					I_FrontOutTemp	A47.J1:14	18,3
					I_OutDoorTempSe	A54.J1:14	18,1

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A54.J1:5	O_CndSpd1Rel	Condensor Fan Speed 1 Relay	18,2	R10.A:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_DriverSetPts	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_AcPresHiSse	A52.J1:13	18,2
					I_AcPresLoSse	A52.J1:14	18,2
					I_BatMonMod54	A54.J1:24	6,1
					I_CoilTherSe	A47.J1:11	18,3
					I_DrvTempSe	A46.J1:13	18,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9,1
					I_FrontOutTemp	A47.J1:14	18,3
					I_OutDoorTempSe	A54.J1:14	18,1
A54.J1:7	O_EvaSpd1Rel	Evaporator Fan Speed 1 Relay	18,2	R12.A:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					I_BatMonMod54	A54.J1:24	6,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9,1
A54.J1:8	O_PasHeatSol	Passenger Heat Solenoid Valve	18,2	So13.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_AuxFanSpdBit0	.	
					D_AuxFanSpdBit1	.	
					D_AuxFanSpdBit2	.	
					D_DriverSetPts	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	6,1

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx.. = Multiplex system global Network Variable

Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A54.J1:8	O_PasHeatSol	Passenger Heat Solenoid Valve	18,2	So13.A:1	I_DefrostHighSw	A47.J1:10	18,1
					I_DefrostLowSw	A47.J1:12	18,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9,1
					I_FrontOutTemp	A47.J1:14	18,3
					I_OutDoorTempSe	A54.J1:14	18,1
A56.J1:1	O_SldO1MoSpeedA	Slide-Out 1 Motor Speed Control A		TermSo15, TermSo11, A56.J1:2	I_BatMonMod56	A56.J1:24	6,1
					I_SldO1CloseSw	A56.J1:10	20,1
					I_SldO1LimiOutSw	A56.J1:14	20,1
					I_SldO1LimitInSe	A56.J1:11	20,1
					I_SldO1OpenSw	A56.J1:9	20,1
					I_SldO1PBrakeSw	A56.J1:12	20,1
					I_SldO1VacPrSe	A56.J1:13	20,1
A56.J1:2	O_SldO1MoSpeedB	Slide-Out 1 Motor Speed Control B	20,1	TermSo15, TermSo11, A56.J1:1	I_BatMonMod56	A56.J1:24	6,1
					I_SldO1CloseSw	A56.J1:10	20,1
					I_SldO1LimiOutSw	A56.J1:14	20,1
					I_SldO1LimitInSe	A56.J1:11	20,1
					I_SldO1OpenSw	A56.J1:9	20,1
					I_SldO1PBrakeSw	A56.J1:12	20,1
					I_SldO1VacPrSe	A56.J1:13	20,1
A56.J1:20	O_SldO1Motpos	Slide_Out 1 Motor +	20,1	RSO1.B:1	I_BatMonMod56	A56.J1:24	6,1
					I_SldO1CloseSw	A56.J1:10	20,1
					I_SldO1LimiOutSw	A56.J1:14	20,1
					I_SldO1LimitInSe	A56.J1:11	20,1
					I_SldO1OpenSw	A56.J1:9	20,1
					I_SldO1PBrakeSw	A56.J1:12	20,1
					I_SldO1VacPrSe	A56.J1:13	20,1
A56.J1:21	O_SldO1SecuPinSo	Slide-Out 1 Security Pins	20,1	SOSO4.A:1	I_SldO1LimitInSe	A56.J1:11	20,1
					I_SldO1PBrakeSw	A56.J1:12	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO2PBrakeSw	A57.J1:12	20,1
					I_SldO3LimitInSe	A58.J1:11	20,2
					I_SldO3PBrakeSw	A58.J1:12	20,2
A56.J1:3	O_SldO1RemoteLed	Slide_Out 1 Remote Led	20,1	SwSo1.A:2	I_BatMonMod56	A56.J1:24	6,1
					I_SldO1CloseSw	A56.J1:10	20,1
					I_SldO1LimiOutSw	A56.J1:14	20,1
					I_SldO1LimitInSe	A56.J1:11	20,1
					I_SldO1OpenSw	A56.J1:9	20,1
					I_SldO1PBrakeSw	A56.J1:12	20,1
					I_SldO1Supply5v	A56.J1:15	20,1
					I_SldO1VacPrSe	A56.J1:13	20,1
A56.J1:4	O_SldO1SealInfSo	Slide_Out 1 Seal Inflating Valve	20,1	SoSo5:1	I_SldO1CloseSw	A56.J1:10	20,1

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx.. = Multiplex system global Network Variable

Module.Pin#	Signal name	Description	Page	Connected devices	Input involved																																																						
A56.J1:4	O_SldO1SealInfSo	Slide_Out 1 Seal Inflating Valve	20,1	SoSo5:1	<table border="1"> <tr><td>I_SldO1LimiOutSw</td><td>A56.J1:14</td><td>20,1</td></tr> <tr><td>I_SldO1LimitInSe</td><td>A56.J1:11</td><td>20,1</td></tr> <tr><td>I_SldO1OpenSw</td><td>A56.J1:9</td><td>20,1</td></tr> </table>	I_SldO1LimiOutSw	A56.J1:14	20,1	I_SldO1LimitInSe	A56.J1:11	20,1	I_SldO1OpenSw	A56.J1:9	20,1																																													
I_SldO1LimiOutSw	A56.J1:14	20,1																																																									
I_SldO1LimitInSe	A56.J1:11	20,1																																																									
I_SldO1OpenSw	A56.J1:9	20,1																																																									
A56.J1:5	O_SldO1SealDefSo	Slide_Out 1 Seal Deflating Valve	20,1	SoSo1:1	<table border="1"> <tr><td>I_BatMonMod56</td><td>A56.J1:24</td><td>6,1</td></tr> <tr><td>I_SldO1CloseSw</td><td>A56.J1:10</td><td>20,1</td></tr> <tr><td>I_SldO1LimiOutSw</td><td>A56.J1:14</td><td>20,1</td></tr> <tr><td>I_SldO1LimitInSe</td><td>A56.J1:11</td><td>20,1</td></tr> <tr><td>I_SldO1OpenSw</td><td>A56.J1:9</td><td>20,1</td></tr> <tr><td>I_SldO1PBrakeSw</td><td>A56.J1:12</td><td>20,1</td></tr> </table>	I_BatMonMod56	A56.J1:24	6,1	I_SldO1CloseSw	A56.J1:10	20,1	I_SldO1LimiOutSw	A56.J1:14	20,1	I_SldO1LimitInSe	A56.J1:11	20,1	I_SldO1OpenSw	A56.J1:9	20,1	I_SldO1PBrakeSw	A56.J1:12	20,1																																				
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I_SldO1LimiOutSw	A56.J1:14	20,1																																																									
I_SldO1LimitInSe	A56.J1:11	20,1																																																									
I_SldO1OpenSw	A56.J1:9	20,1																																																									
I_SldO1PBrakeSw	A56.J1:12	20,1																																																									
A56.J1:6	O_SldO1VaccGenSo	Slide_Out 1 Seal Vaccum Generator	20,1	SoSo2:1	<table border="1"> <tr><td>I_BatMonMod56</td><td>A56.J1:24</td><td>6,1</td></tr> <tr><td>I_BatMonMod57</td><td>A57.J1:24</td><td>6,1</td></tr> <tr><td>I_BatMonMod58</td><td>A58.J1:24</td><td>6,1</td></tr> <tr><td>I_SldO1CloseSw</td><td>A56.J1:10</td><td>20,1</td></tr> <tr><td>I_SldO1LimiOutSw</td><td>A56.J1:14</td><td>20,1</td></tr> <tr><td>I_SldO1LimitInSe</td><td>A56.J1:11</td><td>20,1</td></tr> <tr><td>I_SldO1OpenSw</td><td>A56.J1:9</td><td>20,1</td></tr> <tr><td>I_SldO1PBrakeSw</td><td>A56.J1:12</td><td>20,1</td></tr> <tr><td>I_SldO2CloseSw</td><td>A57.J1:10</td><td>20,1</td></tr> <tr><td>I_SldO2LimiOutSw</td><td>A57.J1:14</td><td>20,1</td></tr> <tr><td>I_SldO2LimitInSe</td><td>A57.J1:11</td><td>20,1</td></tr> <tr><td>I_SldO2OpenSw</td><td>A57.J1:9</td><td>20,1</td></tr> <tr><td>I_SldO2PBrakeSw</td><td>A57.J1:12</td><td>20,1</td></tr> <tr><td>I_SldO3CloseSw</td><td>A58.J1:10</td><td>20,2</td></tr> <tr><td>I_SldO3LimiOutSw</td><td>A58.J1:14</td><td>20,2</td></tr> <tr><td>I_SldO3LimitInSe</td><td>A58.J1:11</td><td>20,2</td></tr> <tr><td>I_SldO3OpenSw</td><td>A58.J1:9</td><td>20,2</td></tr> <tr><td>I_SldO3PBrakeSw</td><td>A58.J1:12</td><td>20,2</td></tr> </table>	I_BatMonMod56	A56.J1:24	6,1	I_BatMonMod57	A57.J1:24	6,1	I_BatMonMod58	A58.J1:24	6,1	I_SldO1CloseSw	A56.J1:10	20,1	I_SldO1LimiOutSw	A56.J1:14	20,1	I_SldO1LimitInSe	A56.J1:11	20,1	I_SldO1OpenSw	A56.J1:9	20,1	I_SldO1PBrakeSw	A56.J1:12	20,1	I_SldO2CloseSw	A57.J1:10	20,1	I_SldO2LimiOutSw	A57.J1:14	20,1	I_SldO2LimitInSe	A57.J1:11	20,1	I_SldO2OpenSw	A57.J1:9	20,1	I_SldO2PBrakeSw	A57.J1:12	20,1	I_SldO3CloseSw	A58.J1:10	20,2	I_SldO3LimiOutSw	A58.J1:14	20,2	I_SldO3LimitInSe	A58.J1:11	20,2	I_SldO3OpenSw	A58.J1:9	20,2	I_SldO3PBrakeSw	A58.J1:12	20,2
I_BatMonMod56	A56.J1:24	6,1																																																									
I_BatMonMod57	A57.J1:24	6,1																																																									
I_BatMonMod58	A58.J1:24	6,1																																																									
I_SldO1CloseSw	A56.J1:10	20,1																																																									
I_SldO1LimiOutSw	A56.J1:14	20,1																																																									
I_SldO1LimitInSe	A56.J1:11	20,1																																																									
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I_SldO3LimiOutSw	A58.J1:14	20,2																																																									
I_SldO3LimitInSe	A58.J1:11	20,2																																																									
I_SldO3OpenSw	A58.J1:9	20,2																																																									
I_SldO3PBrakeSw	A58.J1:12	20,2																																																									
A56.J1:7	O_SldO1Motneg	Slide_Out 1 Motor -	20,1	RSo2.B:1	<table border="1"> <tr><td>I_BatMonMod56</td><td>A56.J1:24</td><td>6,1</td></tr> <tr><td>I_SldO1CloseSw</td><td>A56.J1:10</td><td>20,1</td></tr> <tr><td>I_SldO1LimiOutSw</td><td>A56.J1:14</td><td>20,1</td></tr> <tr><td>I_SldO1LimitInSe</td><td>A56.J1:11</td><td>20,1</td></tr> <tr><td>I_SldO1OpenSw</td><td>A56.J1:9</td><td>20,1</td></tr> <tr><td>I_SldO1PBrakeSw</td><td>A56.J1:12</td><td>20,1</td></tr> <tr><td>I_SldO1VacPrSe</td><td>A56.J1:13</td><td>20,1</td></tr> </table>	I_BatMonMod56	A56.J1:24	6,1	I_SldO1CloseSw	A56.J1:10	20,1	I_SldO1LimiOutSw	A56.J1:14	20,1	I_SldO1LimitInSe	A56.J1:11	20,1	I_SldO1OpenSw	A56.J1:9	20,1	I_SldO1PBrakeSw	A56.J1:12	20,1	I_SldO1VacPrSe	A56.J1:13	20,1																																	
I_BatMonMod56	A56.J1:24	6,1																																																									
I_SldO1CloseSw	A56.J1:10	20,1																																																									
I_SldO1LimiOutSw	A56.J1:14	20,1																																																									
I_SldO1LimitInSe	A56.J1:11	20,1																																																									
I_SldO1OpenSw	A56.J1:9	20,1																																																									
I_SldO1PBrakeSw	A56.J1:12	20,1																																																									
I_SldO1VacPrSe	A56.J1:13	20,1																																																									
A57.J1:1	O_SldO2MoSpeedA	Slide-Out 2 Motor Speed Control A	20,1	TermSo17, TermSo21, A57.J1:2	<table border="1"> <tr><td>I_BatMonMod57</td><td>A57.J1:24</td><td>6,1</td></tr> <tr><td>I_SldO1VacPrSe</td><td>A56.J1:13</td><td>20,1</td></tr> <tr><td>I_SldO2CloseSw</td><td>A57.J1:10</td><td>20,1</td></tr> <tr><td>I_SldO2LimiOutSw</td><td>A57.J1:14</td><td>20,1</td></tr> <tr><td>I_SldO2LimitInSe</td><td>A57.J1:11</td><td>20,1</td></tr> <tr><td>I_SldO2OpenSw</td><td>A57.J1:9</td><td>20,1</td></tr> <tr><td>I_SldO2PBrakeSw</td><td>A57.J1:12</td><td>20,1</td></tr> </table>	I_BatMonMod57	A57.J1:24	6,1	I_SldO1VacPrSe	A56.J1:13	20,1	I_SldO2CloseSw	A57.J1:10	20,1	I_SldO2LimiOutSw	A57.J1:14	20,1	I_SldO2LimitInSe	A57.J1:11	20,1	I_SldO2OpenSw	A57.J1:9	20,1	I_SldO2PBrakeSw	A57.J1:12	20,1																																	
I_BatMonMod57	A57.J1:24	6,1																																																									
I_SldO1VacPrSe	A56.J1:13	20,1																																																									
I_SldO2CloseSw	A57.J1:10	20,1																																																									
I_SldO2LimiOutSw	A57.J1:14	20,1																																																									
I_SldO2LimitInSe	A57.J1:11	20,1																																																									
I_SldO2OpenSw	A57.J1:9	20,1																																																									
I_SldO2PBrakeSw	A57.J1:12	20,1																																																									
A57.J1:2	O_SldO2MoSpeedB	Slide-Out 2 Motor Speed Control B	20,1	TermSo17, TermSo21, A57.J1:1	<table border="1"> <tr><td>I_BatMonMod57</td><td>A57.J1:24</td><td>6,1</td></tr> <tr><td>I_SldO1VacPrSe</td><td>A56.J1:13</td><td>20,1</td></tr> </table>	I_BatMonMod57	A57.J1:24	6,1	I_SldO1VacPrSe	A56.J1:13	20,1																																																
I_BatMonMod57	A57.J1:24	6,1																																																									
I_SldO1VacPrSe	A56.J1:13	20,1																																																									



# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx.. = Multiplex system global Network Variable

Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A57.J1:2	O_SldO2MoSpeedB	Slide-Out 2 Motor Speed Control B	20,1	TermSo17, TermSo21, A57.J1:1	I_SldO2CloseSw	A57.J1:10	20,1
					I_SldO2LimiOutSw	A57.J1:14	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO2OpenSw	A57.J1:9	20,1
					I_SldO2PBrakeSw	A57.J1:12	20,1
A57.J1:20	O_SldO2Motpos	Slide_Out 2 Motor +	20,1	RSo3.B:1	I_BatMonMod57	A57.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO2CloseSw	A57.J1:10	20,1
					I_SldO2LimiOutSw	A57.J1:14	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO2OpenSw	A57.J1:9	20,1
					I_SldO2PBrakeSw	A57.J1:12	20,1
A57.J1:3	O_SldO2RemoteLed	Slide_Out 2 Remote Led	20,1	SwSo2.A:2	I_BatMonMod57	A57.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO2CloseSw	A57.J1:10	20,1
					I_SldO2LimiOutSw	A57.J1:14	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO2OpenSw	A57.J1:9	20,1
					I_SldO2PBrakeSw	A57.J1:12	20,1
					I_SldO2Supply5v	A57.J1:15	20,1
A57.J1:4	O_SldO2SealInfSo	Slide_Out 2 Seal Inflating Valve	20,1	SoSo6:1	I_SldO2CloseSw	A57.J1:10	20,1
					I_SldO2LimiOutSw	A57.J1:14	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO2OpenSw	A57.J1:9	20,1
A57.J1:5	O_SldO2SealDefSo	Slide_Out 2 Seal Deflating Valve	20,1	SoSo3:1	I_BatMonMod57	A57.J1:24	6,1
					I_SldO2CloseSw	A57.J1:10	20,1
					I_SldO2LimiOutSw	A57.J1:14	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO2OpenSw	A57.J1:9	20,1
					I_SldO2PBrakeSw	A57.J1:12	20,1
A57.J1:7	O_SldO2Motneg	Slide_Out 2 Motor -	20,1	RSo4.B:1	I_BatMonMod57	A57.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO2CloseSw	A57.J1:10	20,1
					I_SldO2LimiOutSw	A57.J1:14	20,1
					I_SldO2LimitInSe	A57.J1:11	20,1
					I_SldO2OpenSw	A57.J1:9	20,1
					I_SldO2PBrakeSw	A57.J1:12	20,1
A58.J1:1	O_SldO3MoSpeedA		20,2		I_BatMonMod58	A58.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO3CloseSw	A58.J1:10	20,2
					I_SldO3LimiOutSw	A58.J1:14	20,2
					I_SldO3LimitInSe	A58.J1:11	20,2
					I_SldO3OpenSw	A58.J1:9	20,2

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx.. = Multiplex system global Network Variable

Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A58.J1:1	O_SldO3MoSpeedA		20,2		I_SldO3PBrakeSw	A58.J1:12	20,2
A58.J1:2	O_SldO3MoSpeedB		20,2		I_BatMonMod58	A58.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO3CloseSw	A58.J1:10	20,2
					I_SldO3LimiOutSw	A58.J1:14	20,2
					I_SldO3LimitInSe	A58.J1:11	20,2
					I_SldO3OpenSw	A58.J1:9	20,2
					I_SldO3PBrakeSw	A58.J1:12	20,2
A58.J1:20	O_SldO3Motpos		20,2		I_BatMonMod58	A58.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO3CloseSw	A58.J1:10	20,2
					I_SldO3LimiOutSw	A58.J1:14	20,2
					I_SldO3LimitInSe	A58.J1:11	20,2
					I_SldO3OpenSw	A58.J1:9	20,2
					I_SldO3PBrakeSw	A58.J1:12	20,2
A58.J1:3	O_SldO3RemoteLed		20,2		I_BatMonMod58	A58.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO3CloseSw	A58.J1:10	20,2
					I_SldO3LimiOutSw	A58.J1:14	20,2
					I_SldO3LimitInSe	A58.J1:11	20,2
					I_SldO3OpenSw	A58.J1:9	20,2
					I_SldO3PBrakeSw	A58.J1:12	20,2
					I_SldO3Supply5v	A58.J1:15	20,2
A58.J1:4	O_SldO3SealInfSo		20,2		I_SldO3CloseSw	A58.J1:10	20,2
					I_SldO3LimiOutSw	A58.J1:14	20,2
					I_SldO3LimitInSe	A58.J1:11	20,2
					I_SldO3OpenSw	A58.J1:9	20,2
A58.J1:5	O_SldO3SealDefSo		20,2		I_BatMonMod58	A58.J1:24	6,1
					I_SldO3CloseSw	A58.J1:10	20,2
					I_SldO3LimiOutSw	A58.J1:14	20,2
					I_SldO3LimitInSe	A58.J1:11	20,2
					I_SldO3OpenSw	A58.J1:9	20,2
					I_SldO3PBrakeSw	A58.J1:12	20,2
A58.J1:7	O_SldO3Motneg		20,2		I_BatMonMod58	A58.J1:24	6,1
					I_SldO1VacPrSe	A56.J1:13	20,1
					I_SldO3CloseSw	A58.J1:10	20,2
					I_SldO3LimiOutSw	A58.J1:14	20,2
					I_SldO3LimitInSe	A58.J1:11	20,2
					I_SldO3OpenSw	A58.J1:9	20,2
					I_SldO3PBrakeSw	A58.J1:12	20,2