

# 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	3.2
					I_BatMonMod53	A53.J1:24	6.1
					I_BatMonMod54	A54.J1:24	6.1
					I_IgnKeySw	A36.JB:2	3.2
A36.JA:14	O_MasterRlyLatch		3.2		B_EngineRun	.	
					I_IgnKeySw	A36.JB:2	3.2
					I_RrCutOutSw	A36.JB:21	3.2
A36.JA:15	O_WakeUp	WakeUp Relay	3.3		I_AccKeySw	A36.JB:6	3.2
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_WakeUp	A36.JB:5	9.1
					I_WakeUp	A36.JB:5	9.1
A36.JA:24	O_CutOutRel	Emergency CutOut Relay	3.2	R21:85	I_FireExt2ndAlm	A44.J1:10	
					I_IgnKeySw	A36.JB:2	3.2
A36.JA:6	O_DrUnlockRly	Luggages doors unlocks relays	33.1		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		I_AccKeySw	A36.JB:6	3.2
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					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
					I_WakeUp	A36.JB:5	9.1
					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	3.2
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					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	12.1
A41.J1:16	O_WakeUpA41		9.1	A36.JB:5	I_AccKeySw	A36.JB:6	3.2
					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_IgnKeySw	A36.JB:2	3.2

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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	3.2
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, CC2:9, FREE:FREE	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	CC2:7, CC2:7, FREE:FREE	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.J1:15	O_TransShftDown	Transmission Shift Down	38.1	CC1:6	I_VIPSteerWh1	A55.J1:3	38.1
					I_VIPSteerWh2	A55.J1:4	38.1
					I_VIPSteerWh5V	A55.J1:2	38.1
A42.J1:16	O_SldO1MotOut	Front Slide Out extending	36.1	CC2:8, CC2:8, FREE:FREE	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.J1:30	O_TransShftUp	Transmission Shift Up	38.1	CC1:7	I_VIPSteerWh1	A55.J1:3	38.1
					I_VIPSteerWh2	A55.J1:4	38.1
					I_VIPSteerWh5V	A55.J1:2	38.1
A43.J1:11	O_SldO2MotOut	Rear Slide Out extending	36.1	CC2:10, CC2:10, FREE:FREE	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

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A43.J1:11	O_SldO2MotOut	Rear Slide Out extending	36.1	CC2:10, CC2:10, FREE:FREE	I_SldO2OpenSw	A57.J1:9	20.1
					I_SldO2PBrakeSw	A57.J1:12	20.1
A43.J1:16	O_BrkRedCompat	Brake Redundant Compatible	38.1	A72.J2:7	I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	12.1
					I_IgnKeySw	A36.JB:2	3.2
					I_VIPSteerWh1	A55.J1:3	38.1
					I_VIPSteerWh2	A55.J1:4	38.1
					I_VIPSteerWh5V	A55.J1:2	38.1
A44.J1:1	O_DashTrapPMo	Dash Trap Motor	18.1	Mo3:1	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB:2	3.2
A44.J1:2	O_DashTrapNMo	Dash Trap Motor Return	18.1	Mo3:3	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB:2	3.2
A44.J1:20	O_DashBackLit	Dash BackLighting	19.1		I_HdLtPos1Sw	A43.J1:4	26.1
A44.J1:7	O_BackUpMon	Backup Monitor Signal	28.1	MONITOR:1	I_BackUpCamSw	A55.J1:17	28.1
A44.J1:8	O_FrClearLb	Front Clearance Lights Bulb	26.1		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26.1
					I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A45.J1:1	O_FootTrpPSol	Foot Trap Solenoid	18.1	Mo4:A	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB:2	3.2
A45.J1:2	O_FootTrpNSol	Foot Trap Solenoid	18.1	Mo4:B	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB:2	3.2
A45.J1:20	O_HornElectric	Horn Electric	9.1		I_AccKeySw	A36.JB:6	3.2
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
					I_HazardSw	A36.JB:4	26.1
					I_HornSelectSw	A43.J1:7	9.1
					I_HornSw	A41.J1:3	9.1
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J1:4	29.1
					I_KeylessIntru	A41.J1:7	29.1
					I_KeylessLockAll	A41.J1:19	29.1

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A45.J1:20	O_HornElectric	Horn Electric	9.1		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		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26.1
					I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessIntru	A41.J1:7	29.1
A45.J1:3	O_LHFrFlshLb	Left Hand Front Flasher Light Bulb	26.1		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFrFlshSw	A45.J1:9	26.1
					I_LHFrFlshSwRrSig	A51.J1:9	26.2
					I_RHFrFlshSwRrSig	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	A55.J1:6	26.3
A45.J1:5	O_LHCornerLb	Left Hand Cornering Light Bulb	26.3	L97.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_CorneringLtSw	A55.J1:7	26.3
					I_LHFrFlshSw	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	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	26.1
					I_HiBeamCallSw	A43.J1:3	26.1
A45.J1:8	O_FlshAudiRel	Flasher Audible Relay	26.1	R16:86	I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_LHFrFlshSw	A45.J1:9	26.1
					I_LHFrFlshSwRrSig	A51.J1:9	26.2
					I_RHFrFlshSw	A48.J1:12	26.1
					I_RHFrFlshSwRrSig	A51.J1:12	26.2
A46.J1:1	O_AuxFanSpeed	Auxiliary fan speed control	18.3	A32.A:D	B_BatterySaver	.	
					B_EngineRun	.	

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A46.J1:1	O_AuxFanSpeed	Auxiliary fan speed control	18.3	A32.A:D	<table border="1"> <tr><td>B_OneAltCharging</td><td>.</td><td></td></tr> <tr><td>D_AuxFanSpdBit0</td><td>.</td><td></td></tr> <tr><td>D_AuxFanSpdBit1</td><td>.</td><td></td></tr> <tr><td>D_AuxFanSpdBit2</td><td>.</td><td></td></tr> <tr><td>D_AuxFnOnOffSw</td><td>.</td><td></td></tr> <tr><td>I_BatMonMod46</td><td>A46.J1:24</td><td>6.1</td></tr> <tr><td>I_IgnKeySw</td><td>A36.JB:2</td><td>3.2</td></tr> </table>	B_OneAltCharging	.		D_AuxFanSpdBit0	.		D_AuxFanSpdBit1	.		D_AuxFanSpdBit2	.		D_AuxFnOnOffSw	.		I_BatMonMod46	A46.J1:24	6.1	I_IgnKeySw	A36.JB:2	3.2																																																
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I_IgnKeySw	A36.JB:2	3.2																																																																								
A46.J1:21	O_HeadLmpWsh		34.1	Mo54:2	<table border="1"> <tr><td>I_HeadLmpWshSw</td><td>A55.J1:18</td><td>34.1</td></tr> </table>	I_HeadLmpWshSw	A55.J1:18	34.1																																																																		
I_HeadLmpWshSw	A55.J1:18	34.1																																																																								
A46.J1:3	O_LwWshPmp	Lower Wiper Washer Pump	34.1		<table border="1"> <tr><td>B_BatterySaver</td><td>.</td><td></td></tr> <tr><td>I_LwWshSw</td><td>A46.J1:9</td><td>34.1</td></tr> </table>	B_BatterySaver	.		I_LwWshSw	A46.J1:9	34.1																																																															
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A46.J1:5	O_DrvRfgSol	Driver refrigerent solenoid	18.1	D2.A:1	<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>B_TstModSAC</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_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	.		B_TstModSAC	.		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																																							
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A46.J1:6	O_DrvHeatSol	Driver Heat Solenoid	18.1	So8:1	<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_OneAltCharging</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>B_TstModSAC</td><td>.</td><td></td></tr> <tr><td>D_AirFlapBit0</td><td>.</td><td></td></tr> <tr><td>D_AirFlapBit1</td><td>.</td><td></td></tr> <tr><td>D_AirFlapBit2</td><td>.</td><td></td></tr> <tr><td>D_AuxFanSpdBit0</td><td>.</td><td></td></tr> <tr><td>D_AuxFanSpdBit1</td><td>.</td><td></td></tr> <tr><td>D_AuxFanSpdBit2</td><td>.</td><td></td></tr> <tr><td>D_DriverSetPts</td><td>.</td><td></td></tr> <tr><td>D_DrvFnSpdBit0</td><td>.</td><td></td></tr> <tr><td>D_DrvFnSpdBit1</td><td>.</td><td></td></tr> <tr><td>D_DrvFnSpdBit2</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_BatMonMod46</td><td>A46.J1:24</td><td>6.1</td></tr> <tr><td>I_BatMonMod54</td><td>A54.J1:24</td><td>6.1</td></tr> <tr><td>I_DefrostHighSw</td><td>A47.J1:10</td><td>18.1</td></tr> <tr><td>I_DefrostLowSw</td><td>A47.J1:12</td><td>18.1</td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		B_LowVoltage	.		B_OneAltCharging	.		B_TestMode	.		B_TstModHvac	.		B_TstModSAC	.		D_AirFlapBit0	.		D_AirFlapBit1	.		D_AirFlapBit2	.		D_AuxFanSpdBit0	.		D_AuxFanSpdBit1	.		D_AuxFanSpdBit2	.		D_DriverSetPts	.		D_DrvFnSpdBit0	.		D_DrvFnSpdBit1	.		D_DrvFnSpdBit2	.		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
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I_DefrostHighSw	A47.J1:10	18.1																																																																								
I_DefrostLowSw	A47.J1:12	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		
A46.J1:6	O_DrvHeatSol	Driver Heat Solenoid	18.1	So8:1	I_DrvTempSe	A55.J1:1	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	So38:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TstModSAC	.	
					D_AuxFnOnOffSw	.	
					I_AcPresHiSse	A52.J1:13	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	3.2
					A47.J1:2	O_DrvRecTrap	Driver Recycle Trap
B_EngineRun	.						
B_TestMode	.						
B_TstModHvac	.						
B_TstModSAC	.						
D_RecSw	.						
A47.J1:20	O_AuxWaterPump	Auxiliary water pump	18.3		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModSAC	.	
					D_AuxFanSpdBit0	.	
					D_AuxFanSpdBit1	.	
					D_AuxFanSpdBit2	.	
					D_DriverSetPts	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					I_DefrostHighSw	A47.J1:10	18.1
					I_DefrostLowSw	A47.J1:12	18.1
I_FrontOutTemp	A47.J1:14	18.3					

# 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		
A47.J1:20	O_AuxWaterPump	Auxiliary water pump	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		I_AccKeySw	A36.JB:6	3.2
					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	3.2
					I_KeylessDrUnl	A41.J1:4	29.1
					I_KeylessLuggUnl	A41.J1:18	29.1
					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		B_BatterySaver	.	
					I_DrvLtSw	A41.J1:2	19.1
A47.J1:7	O_RHDefrostFan	Passenger defrost fan speed control	18.1	A30.A:D	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	3.2
A48.J1:1	O_DoorUnlockMo	Entrance door unlock motor	29.1		I_AccKeySw	A36.JB:6	3.2
					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	3.2
					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		I_AccKeySw	A36.JB:6	3.2
					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	3.2
					I_KeylessLockAll	A41.J1:19	29.1

# 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		
A48.J1:2	O_DoorLockMo	Entrance door lock motor	29.1		I_RrCutOutSw	A36.JB:21	3.2
					I_WakeUp	A36.JB:5	9.1
A48.J1:20	O_RHFrSidFlshLb	RH Front Side Flasher L-Bulb	26.1	L64:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFfshSwRrSig	A51.J1:9	26.2
					I_RHFfshSw	A48.J1:12	26.1
					I_RHFfshSwRrSig	A51.J1:12	26.2
A48.J1:3	O_RHHiBeamLb	Right Hand Hi Beam Light Bulb	26.1	L59.B:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HdLtHiLowBmSw	A43.J1:8	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
					I_HiBeamCallSw	A43.J1:3	26.1
A48.J1:4	O_RHLwBeamLb	Right Hand Low Beam Light Bulb	26.1	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	A55.J1:7	26.3
A48.J1:6	O_RHFfshLb	Right Hand Front Flasher Light Bulb	26.1	L61:3	I_RHFfshSw	A48.J1:12	26.1
					B_BatterySaver	.	
					B_TstModExtLight	.	
A48.J1:7	O_RHFfshMrkLb	Right Hand Front Markers Light Bulb	26.1		I_LHFfshSwRrSig	A51.J1:9	26.2
					I_RHFfshSw	A48.J1:12	26.1
					I_RHFfshSwRrSig	A51.J1:12	26.2
					B_BatterySaver	.	
					B_TstModExtLight	.	
A50.J1:2	O_TransInhibit	Transmission Inhibit	15.1		I_BlinkSw	A43.J1:20	26.1
					I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
					I_KeylessIntru	A41.J1:7	29.1
					I_KeylessPanic	A41.J1:6	29.1
A50.J1:20	O_RevLbBuz	Reverse Alarm and Light Bulb	26.3		I_BrkLtSeFrSig	A36.JB:13	12.1
					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_RevLbBuz	Reverse Alarm and Light Bulb	26.3		B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TestSwBuz2	.	
					B_TestSwBuzzer	.	



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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A50.J1:20	O_RevLbBuz	Reverse Alarm and Light Bulb	26.3		B_TstModExtLight	.	
					B_TstModHvac	.	
					B_TstModHvacNext	.	
					B_TstModSAC	.	
					B_TstModSACNext	.	
					B_TstSwBuz3	.	
A50.J1:3	O_RevAlarm	Back up alarm	26.3	L187.A:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TestSwBuz2	.	
					B_TestSwBuzzer	.	
					B_TstModExtLight	.	
					B_TstModHvac	.	
					B_TstModHvacNext	.	
					B_TstModSAC	.	
					B_TstModSACNext	.	
					B_TstSwBuz3	.	
					D_NextWheel	.	
					I_RevAlrmSw	A43.J1:6	26.3
A50.J1:4	O_ReClearLb	Rear Clearance Light Bulb	26.2		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26.1
					I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A50.J1:5	O_LHCtrFlshLb	Water Filter Indicator Warning	26.2	L70:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFishSwRrSig	A51.J1:9	26.2
					I_RHFishSwRrSig	A51.J1:12	26.2
A50.J1:6	O_BrLtLowerLb		26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	12.1
					I_EngBrOnSe	A42.J1:18	
					I_IgnKeySw	A36.JB:2	3.2
					I_RetdrSig	A50.J1:12	15.1
A50.J1:7	O_RHCtrFlshLb	Wheel Chair Lift Warning Indicator	26.2	L68:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFishSwRrSig	A51.J1:9	26.2
					I_RHFishSwRrSig	A51.J1:12	26.2
A50.J1:8	O_CtrSdMrkLb	Tag Axle Warning Indicator	26.2		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26.1

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A50.J1:8	O_CtrSdMrkLb	Tag Axle Warning Indicator	26.2		I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A51.J1:1	O_SerBrkTrans	Servise Brake Signal For	15.1	A1Gen4.A:62	I_BrkLtSeFrSig	A36.JB:13	12.1
A51.J1:21	O_LHReFlshLb	Left Hand Rear Flasher Light Bulb	26.2		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_LHFlshSwRrSig	A51.J1:9	26.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
A51.J1:3	O_RHReFlshLb	Right Hand Rear Flasher Light Bulb	26.2		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	A55.J1:8	26.3
					I_LowDockLtsSw	A55.J1:9	26.3
A51.J1:5	O_RHDockLb	Right Hand Docking Light Bulb	26.3	L94.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_DockingLtSw	A55.J1:8	26.3
					I_LowDockLtsSw	A55.J1:9	26.3
A51.J1:6	O_BrLtUpperLb		26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					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	12.1
					I_BrkLtSeRrSig	A51.J1:10	12.1
A51.J1:8	O_ReTailMkLb	Rear Tail Markers Light Bulb	26.2		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_AccKeySw	A36.JB:6	3.2
					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	26.1
					I_IgnKeySw	A36.JB:2	3.2
					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

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A51.J1:8	O_ReTailMkLb	Rear Tail Markers Light Bulb	26.2		I_WakeUp	A36.JB:5	9.1
A52.J1:1	O_EngFanSpd1	Engine Fan Radiator Speed 1	13.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_EngFanSpd1	A52.J1:9	13.1
					I_EngFanSw	A36.JB:14	
					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		B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_EngFanSpd1	A52.J1:9	13.1
					I_EngFanSpd2	A52.J1:10	13.1
					I_EngFanSw	A36.JB:14	
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
A52.J1:20	O_AcCluSol	Hvac AC Clutch Solenoid	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_AcPresLoSse	A52.J1:14	18.2
A52.J1:21	O_AcUnldRH	Hvac Right Hand Cylinder Unloader	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_PassSetPts	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_AcPresLoSse	A52.J1:14	18.2
A52.J1:5	O_EngCmptLbZF	Engine Compartment Light Switch	25.1		I_EngCmptLtSw	A52.J1:11	25.1
					I_EngDoorSe	A52.J1:12	25.1
A52.J1:8	O_AcUnldLH	Hvac Left Hand Cylinder Unloader	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	

# MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A52.J1:8	O_AcUnldLH	Hvac Left Hand Cylinder Unloader	18.2		B_TstModHvac	.	
					D_PassSetPts	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_AcPresLoSse	A52.J1:14	18.2
A53.J1:1	O_StarterRlyRtn	Starter Relay Return	3.2	Term49	I_IgnKeySw	A36.JB:2	3.2
A53.J1:5	O_RJBDoFanMo	Rear junction box door fan	11.1	Mo53:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					I_BatMonMod53	A53.J1:24	6.1
					I_FrontOutTemp	A47.J1:14	18.3
I_OutDoorTempSe	A54.J1:14	18.1					
A53.J1:6	O_StarterRel	Starter Relay	3.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_TestMode	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					I_AccKeySw	A36.JB:6	3.2
					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	3.2
					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					
A54.J1:1	O_CndSpd2Rel	Condensor Fan Speed 2 Relay	18.2	R9:2	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

# MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved
A54.J1:1	O_CndSpd2Rel	Condensor Fan Speed 2 Relay	18.2	R9:2	I_CoilTherSe A47.J1:11 18.3
					I_DrvTempSe A55.J1:1 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.J1:2	O_EvaSpd2Rel	Evaporator Fan Speed 2	18.2	TermMo9	B_BatterySaver .
					B_EngineRun .
					B_LowVoltage .
					B_TestMode .
					B_TstModHvac .
					D_OnOffPassSw .
					D_PassSetPts .
					I_Alt2Voltage A49.J1:9 3.2
					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	L205:1	B_BatterySaver .
					B_EngineRun .
					B_TestMode .
					B_TstModHvac .
					B_TstModSAC .
					D_RecSw .
					D_PassSetPts .
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 A55.J1:1 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_ACWaterPm	Hvac Water Pump	18.2		B_BatterySaver .

# 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.J1:4	O_ACWaterPmp	Hvac Water Pump	18.2		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					
A54.J1:5	O_CndSpd1Rel	Condensor Fan Speed 1 Relay	18.2	R10:2	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	A55.J1:1	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	R12:2	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

# 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	So13:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					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
					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					
A55.J1:12	O_JacobBrk1	Jacob Brake 1	38.1		I_RetarderSel	A55.J1:10	12.1
A55.J1:13	O_SunVisorDown		38.1		I_VIPSteerWh1	A55.J1:3	38.1
					I_VIPSteerWh2	A55.J1:4	38.1
					I_VIPSteerWh5V	A55.J1:2	38.1
A55.J1:14	O_JacobBrk2	Jacob Brake 2	38.1		I_RetarderSel	A55.J1:10	12.1
A55.J1:30	O_SunVisrDrvPass		38.1	R45:86	I_VIPSteerWh1	A55.J1:3	38.1
					I_VIPSteerWh2	A55.J1:4	38.1
					I_VIPSteerWh5V	A55.J1:2	38.1
A56.J1:1	O_SldO1MoSpeedA	Slide-Out 1 Motor Speed Control A	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
A56.J1:2	O_SldO1MoSpeedB	Slide-Out 1 Motor Speed Control B	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

# 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.J1:2	O_SldO1MoSpeedB	Slide-Out 1 Motor Speed Control B	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	SOSO4:1	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
					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	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
A56.J1:6	O_SldO1VaccGenSo	Slide_Out 1 Seal Vaccum Generator	20.1	SoSo2:1	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



# 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.J1:6	O_SldO1VaccGenSo	Slide_Out 1 Seal Vaccum Generator	20.1	SoSo2:1	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
A56.J1:7	O_SldO1Motneg	Slide_Out 1 Motor -	20.1	RSo2.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
					I_BatMonMod57	A57.J1:24	6.1
A57.J1:1	O_SldO2MoSpeedA	Slide-Out 2 Motor Speed Control A	20.1	RSo3.B: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
A57.J1:2	O_SldO2MoSpeedB	Slide-Out 2 Motor Speed Control B	20.1	RSo3.B: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
A57.J1:20	O_SldO2Motpos	Slide_Out 2 Motor +	20.1	RSo3.B: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
A57.J1:3	O_SldO2RemoteLed	Slide_Out 2 Remote Led	20.1	SwSo2:2	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

# 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.J1:3	O_SldO2RemoteLed	Slide_Out 2 Remote Led	20.1	SwSo2:2	I_SldO2Supply5v	A57.J1:15	20.1
A57.J1:4	O_SldO2SealInfSo	Slide_Out 2 Seal Inflating Valve	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
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
					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	RSo5.B:1	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	SwSo3:2	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

# 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.J1:3	O_SldO3RemoteLed		20.2	SwSo3:2	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	RSo6.B:1	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