

# 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		Page	Connected devices	Input involved		
.	O_AcCluSol				B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempMSB	.	
					D_DriverSetPts	.	
					D_HvacModSig	.	
					D_PassSetPts	.	
					I_DrvTempSe	A47.J2:11	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FireSensorA36	A36.JB:5	38.1
					I_IgnKeySw	A36.JB:2	3.2
					I_SAcSuperHeatSe	A47.J2:9	
					I_SuperHeatSe	A54.J2:11	
A36.JA:10	O_CutOutRelGnd	Emergency CutOut Relay	3.2		B_EngineRun	.	
					I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_ParkBrSe	A36.JB:9	12.1
A36.JA:11	O_FireExtR36		9.1	R36:86	I_EntDorLockSw	A41.J2:3	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FireSensorA36	A36.JB:5	38.1
					I_HazardSw	A36.JB:4	26.1
					I_HornSw	A56.J2:7	
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J2:9	
					I_KeylessIntru	A41.J2:6	
					I_KeylessLockAll	A41.J2:8	
					I_KeylessLuggUnl	A41.J2:7	
					I_KeylessPanic	A41.J2:5	
					I_LuggDoorSw	A43.J1:20	
A36.JA:15	O_WakeUp	WakeUp Relay	3.2		I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
A36.JA:16	O_ConvWakeUp	Converter wake up signal	21.1		I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A36.JA:17	O_CutOutRel	Emergency CutOut Relay	3.2	R21:1	I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
A36.JA:18	O_CutOutRelRst	Emergency CutOut Relay	3.2	R21:4	B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					I_EngDoorSe	A52.J2:6	
					I_EngStaRrSw	A52.J2:5	
					I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FrEngStaSw	A36.JB:22	3.2
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_StartEna1	A52.J1:20	
					I_StartEna2	A36.JB:1	3.2
A36.JA:25	O_BrkRedCompat	Brake Redundant Compatible	12.1	A81.JA:5	D_VipSteering2	.	
					I_BrakePedPri	A51.J1:21	
					I_BrakePedSec	A36.JB:13	12.1
					I_IgnKeySw	A36.JB:2	3.2
					I_LwWipIntSw	A55.J2:10	
					I_LwWshSw	A55.J2:11	
					I_RetdrSig	A50.J1:20	
A36.JB:29	O_UpWiperMot	Upper Wiper Motor			B_BatterySaver	.	
					B_EngineRun	.	
					I_UpWipIntSw	A55.J2:12	
					I_UpWipSw	A55.J2:13	
					I_UpWshSw	A55.J2:9	
A41.J1:1	O_EntDorStpLb	Entrance Door Step Light Bulb			I_EntDorLockSw	A41.J2:3	
					I_EntDorOpSe	A41.J2:2	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J2:9	
					I_KeylessLockAll	A41.J2:8	
					I_KeylessLuggUnl	A41.J2:7	
					I_LuggDoorSw	A43.J1:20	
A41.J1:10	O_ConvParkBrk	Converter park brake signal			I_ParkBrSe	A36.JB:9	12.1
A41.J1:16	O_JacobBrk2	Jacob Brake 2			D_VipSteering1	.	
					D_VipSteering2	.	
					I_A41_NormalMode	.	
					I_BrakePedSec	A36.JB:13	12.1
					I_IgnKeySw	A36.JB:2	3.2

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Module.Pin#	Signal name	Page	Connected devices	Input involved																																				
A41.J1:16	O_JacobBrk2	Jacob Brake 2		<table border="1"> <tr><td>I_LwWipIntSw</td><td>A55.J2:10</td><td></td></tr> <tr><td>I_LwWshSw</td><td>A55.J2:11</td><td></td></tr> <tr><td>I_RetarderSel</td><td>A55.J2:6</td><td></td></tr> <tr><td>I_RetdrSig</td><td>A50.J1:20</td><td></td></tr> </table>	I_LwWipIntSw	A55.J2:10		I_LwWshSw	A55.J2:11		I_RetarderSel	A55.J2:6		I_RetdrSig	A50.J1:20																									
I_LwWipIntSw	A55.J2:10																																							
I_LwWshSw	A55.J2:11																																							
I_RetarderSel	A55.J2:6																																							
I_RetdrSig	A50.J1:20																																							
A41.J1:19	O_JacobBrk1	Jacob Brake 1		<table border="1"> <tr><td>D_VipSteering1</td><td>.</td><td></td></tr> <tr><td>D_VipSteering2</td><td>.</td><td></td></tr> <tr><td>I_A41_NormalMode</td><td>.</td><td></td></tr> <tr><td>I_BrakePedSec</td><td>A36.JB:13</td><td>12.1</td></tr> <tr><td>I_IgnKeySw</td><td>A36.JB:2</td><td>3.2</td></tr> <tr><td>I_LwWipIntSw</td><td>A55.J2:10</td><td></td></tr> <tr><td>I_LwWshSw</td><td>A55.J2:11</td><td></td></tr> <tr><td>I_RetarderSel</td><td>A55.J2:6</td><td></td></tr> <tr><td>I_RetdrSig</td><td>A50.J1:20</td><td></td></tr> </table>	D_VipSteering1	.		D_VipSteering2	.		I_A41_NormalMode	.		I_BrakePedSec	A36.JB:13	12.1	I_IgnKeySw	A36.JB:2	3.2	I_LwWipIntSw	A55.J2:10		I_LwWshSw	A55.J2:11		I_RetarderSel	A55.J2:6		I_RetdrSig	A50.J1:20										
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I_RetarderSel	A55.J2:6																																							
I_RetdrSig	A50.J1:20																																							
A41.J1:3	O_DoorLockMo	Entrance door lock motor		<table border="1"> <tr><td>I_EntDorLockSw</td><td>A41.J2:3</td><td></td></tr> <tr><td>I_EntDorOpSe</td><td>A41.J2:2</td><td></td></tr> <tr><td>I_FireExt2ndAlm</td><td>A36.JB:21</td><td>38.1</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>3.2</td></tr> <tr><td>I_KeylessDrUnl</td><td>A41.J2:9</td><td></td></tr> <tr><td>I_KeylessLockAll</td><td>A41.J2:8</td><td></td></tr> <tr><td>I_KeylessLuggUnl</td><td>A41.J2:7</td><td></td></tr> </table>	I_EntDorLockSw	A41.J2:3		I_EntDorOpSe	A41.J2:2		I_FireExt2ndAlm	A36.JB:21	38.1	I_HazardSw	A36.JB:4	26.1	I_IgnKeySw	A36.JB:2	3.2	I_KeylessDrUnl	A41.J2:9		I_KeylessLockAll	A41.J2:8		I_KeylessLuggUnl	A41.J2:7													
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A41.J1:4	O_DoorUnlockMo	Entrance door unlock motor		<table border="1"> <tr><td>I_EntDorLockSw</td><td>A41.J2:3</td><td></td></tr> <tr><td>I_EntDorOpSe</td><td>A41.J2:2</td><td></td></tr> <tr><td>I_FireExt2ndAlm</td><td>A36.JB:21</td><td>38.1</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>3.2</td></tr> <tr><td>I_KeylessDrUnl</td><td>A41.J2:9</td><td></td></tr> <tr><td>I_KeylessLockAll</td><td>A41.J2:8</td><td></td></tr> <tr><td>I_KeylessLuggUnl</td><td>A41.J2:7</td><td></td></tr> </table>	I_EntDorLockSw	A41.J2:3		I_EntDorOpSe	A41.J2:2		I_FireExt2ndAlm	A36.JB:21	38.1	I_HazardSw	A36.JB:4	26.1	I_IgnKeySw	A36.JB:2	3.2	I_KeylessDrUnl	A41.J2:9		I_KeylessLockAll	A41.J2:8		I_KeylessLuggUnl	A41.J2:7													
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A41.J1:7	O_EntDorLtLed			<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>I_DrvLtSw</td><td>A55.J2:1</td><td></td></tr> <tr><td>I_EntDorLockSw</td><td>A41.J2:3</td><td></td></tr> <tr><td>I_EntDorOpSe</td><td>A41.J2:2</td><td></td></tr> <tr><td>I_FireExt2ndAlm</td><td>A36.JB:21</td><td>38.1</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>3.2</td></tr> <tr><td>I_KeylessDrUnl</td><td>A41.J2:9</td><td></td></tr> <tr><td>I_KeylessLockAll</td><td>A41.J2:8</td><td></td></tr> <tr><td>I_KeylessLuggUnl</td><td>A41.J2:7</td><td></td></tr> <tr><td>I_LuggDoorSw</td><td>A43.J1:20</td><td></td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		I_DrvLtSw	A55.J2:1		I_EntDorLockSw	A41.J2:3		I_EntDorOpSe	A41.J2:2		I_FireExt2ndAlm	A36.JB:21	38.1	I_HazardSw	A36.JB:4	26.1	I_IgnKeySw	A36.JB:2	3.2	I_KeylessDrUnl	A41.J2:9		I_KeylessLockAll	A41.J2:8		I_KeylessLuggUnl	A41.J2:7		I_LuggDoorSw	A43.J1:20	
B_BatterySaver	.																																							
B_EngineRun	.																																							
I_DrvLtSw	A55.J2:1																																							
I_EntDorLockSw	A41.J2:3																																							
I_EntDorOpSe	A41.J2:2																																							
I_FireExt2ndAlm	A36.JB:21	38.1																																						
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I_KeylessDrUnl	A41.J2:9																																							
I_KeylessLockAll	A41.J2:8																																							
I_KeylessLuggUnl	A41.J2:7																																							
I_LuggDoorSw	A43.J1:20																																							
A41.J2:15	O_EntDorUpperPe	Entrance Door Upper Pen		<table border="1"> <tr><td>I_ParkBrSe</td><td>A36.JB:9</td><td>12.1</td></tr> </table>	I_ParkBrSe	A36.JB:9	12.1																																	
I_ParkBrSe	A36.JB:9	12.1																																						
A42.J1:3	O_ConvIgnition	Converter ignition signal		<table border="1"> <tr><td>I_IgnKeySw</td><td>A36.JB:2</td><td>3.2</td></tr> </table>	I_IgnKeySw	A36.JB:2	3.2																																	
I_IgnKeySw	A36.JB:2	3.2																																						

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A42.J1:4	O_ConvEngRun	Converter engine run signal			B_EngineRun	.	
A43.J1:1	O_LugLkSol	Luggage Lock Solenoid			I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J2:9	
					I_KeylessLockAll	A41.J2:8	
					I_KeylessLuggUnl	A41.J2:7	
					I_LuggDoorSw	A43.J1:20	
A43.J1:13	O_EntDorULatRly				I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J2:9	
					I_KeylessLockAll	A41.J2:8	
					I_KeylessLuggUnl	A41.J2:7	
A43.J1:3	O_LugULkSol	Luggage Lock Solenoid			I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J2:9	
					I_KeylessLockAll	A41.J2:8	
					I_KeylessLuggUnl	A41.J2:7	
					I_LuggDoorSw	A43.J1:20	
A43.J1:7	O_TPMSEcu				I_IgnKeySw	A36.JB:2	3.2
A43.J2:1	O_LugLkSol2				I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J2:9	
					I_KeylessLockAll	A41.J2:8	
					I_KeylessLuggUnl	A41.J2:7	
					I_LuggDoorSw	A43.J1:20	
A43.J2:10	O_CruCtrlRsm	Cruise Control Resume Volvo			D_VipSteering1	.	
					I_A43_NormalMode	.	
					I_LwWipIntSw	A55.J2:10	
					I_LwWshSw	A55.J2:11	
A43.J2:4	O_LugULkSol2				I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J2:9	
					I_KeylessLockAll	A41.J2:8	

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A43.J2:4	O_LugULkSol2				I_KeylessLuggUnl	A41.J2:7	
					I_LuggDoorSw	A43.J1:20	
A43.J2:7	O_CruCtrlSet	Cruise Control Set Volvo			D_VipSteering1	.	
					I_A43_NormalMode	.	
					I_LwWipIntSw	A55.J2:10	
					I_LwWshSw	A55.J2:11	
A44.J1:10	O_HeadLmpWshMo				I_HeadLmpWshSw	A56.J1:2	
					I_IgnKeySw	A36.JB:2	3.2
A44.J1:13	O_KeylessPwr				I_IgnKeySw	A36.JB:2	3.2
					I_LuggDoorSw	A43.J1:20	
A44.J1:16	O_HornSol	Electric Horn			I_HornSw	A56.J2:7	
					I_IgnKeySw	A36.JB:2	3.2
A44.J1:19	O_UdrFlrLed	Under Floor Light led			B_BatterySaver	.	
					B_EngineRun	.	
					I_AccKeySw	A36.JB:6	3.2
					I_IgnKeySw	A36.JB:2	3.2
A44.J1:3	O_UpWshPmp	Upper Wiper Washer Pump			B_BatterySaver	.	
					B_EngineRun	.	
					I_UpWshSw	A55.J2:9	
A44.J1:4	O_ShutDownRly				B_EngineRun	.	
					I_A44_NormalMode	.	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_IgnKeySw	A36.JB:2	3.2
					I_StartEna1	A52.J1:20	
					I_StartEna2	A36.JB:1	3.2
A44.J1:7	O_LwWshPmp	Lower Wiper Washer Pump			I_IgnKeySw	A36.JB:2	3.2
					I_LwWshSw	A55.J2:11	
A44.J2:1	O_SunVisorPsPMO				D_VipSteering1	.	
					D_VipSteering2	.	
					I_A44_NormalMode	.	
					I_IgnKeySw	A36.JB:2	3.2
					I_SunVisorDrv	A44.J2:5	
					I_SunVisorPass	A44.J2:6	
A44.J2:10	O_SunVisorDrPMO				D_VipSteering1	.	
					D_VipSteering2	.	
					I_A44_NormalMode	.	
					I_IgnKeySw	A36.JB:2	3.2
					I_SunVisorDrv	A44.J2:5	
					I_SunVisorPass	A44.J2:6	
A44.J2:13	O_SunVisorDrNMO				D_VipSteering1	.	
					D_VipSteering2	.	
					I_A44_NormalMode	.	
					I_IgnKeySw	A36.JB:2	3.2

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A44.J2:13	O_SunVisorDrNMO				I_SunVisorDrv	A44.J2:5	
					I_SunVisorPass	A44.J2:6	
A44.J2:4	O_SunVisorPsNMO				D_VipSteering1	.	
					D_VipSteering2	.	
					I_A44_NormalMode	.	
					I_IgnKeySw	A36.JB:2	3.2
					I_SunVisorDrv	A44.J2:5	
					I_SunVisorPass	A44.J2:6	
A44.J2:7	O_DriverLtLed				B_BatterySaver	.	
					B_EngineRun	.	
					I_DrvLtSw	A55.J2:1	
A45.J1:1	O_DashTrapPMo	Dash Trap Motor			D_HvacModSig	.	
					D_HvacModSig1	.	
					I_IgnKeySw	A36.JB:2	3.2
A45.J1:16	O_Mirrors				I_IgnKeySw	A36.JB:2	3.2
A45.J1:3	O_DashTrapNMo	Dash Trap Motor Return			D_HvacModSig	.	
					D_HvacModSig1	.	
					I_IgnKeySw	A36.JB:2	3.2
A45.J1:4	O_VarSteeringPwr				I_IgnKeySw	A36.JB:2	3.2
A45.J2:1	O_FootTrpPSol	Foot Trap Solenoid			D_HvacModSig	.	
					D_HvacModSig1	.	
					I_IgnKeySw	A36.JB:2	3.2
A45.J2:13	O_WdowDrvDwMo	Window driver up motor			I_IgnKeySw	A36.JB:2	3.2
					I_WdowDrvSw	A56.J2:9	
A45.J2:4	O_FootTrpNSol	Foot Trap Solenoid			D_HvacModSig	.	
					D_HvacModSig1	.	
					I_IgnKeySw	A36.JB:2	3.2
A45.J2:7	O_WdowDrvUpMo	Window driver up motor			I_IgnKeySw	A36.JB:2	3.2
					I_WdowDrvSw	A56.J2:9	
A46.J1:1	O_LHFogLb1	Left Hand Fog Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BatMonMod46	A46.J1:24	
					I_FogLightSw	A56.J2:5	
					I_HdLtHiLowBmSw	A56.J1:21	
					I_HdLtPos2Sw	A56.J1:5	
					I_HiBeamCallSw	A56.J1:20	
A46.J1:10	O_FrClearLb	Front Clearance Lights Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_FogLightSw	A56.J2:5	
					I_HdLtPos1Sw	A56.J1:17	
					I_HdLtPos2Sw	A56.J1:5	

# 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		Page	Connected devices	Input involved		
A46.J1:13	O_LHFrMkrLb	Left Hand Front Markers Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FogLightSw	A56.J2:5	
					I_HazardSw	A36.JB:4	26.1
					I_HdLtPos1Sw	A56.J1:17	
					I_HdLtPos2Sw	A56.J1:5	
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J2:9	
					I_KeylessIntru	A41.J2:6	
					I_KeylessLockAll	A41.J2:8	
					I_KeylessLuggUnl	A41.J2:7	
					I_KeylessPanic	A41.J2:5	
A46.J1:19	O_AuxSolValve	Auxiliary refrigerant solenoid valve			B_EngineRun	.	
					B_LowVoltage	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_DriverSetPts	.	
					D_HvacModSig	.	
					D_PassSetPts	.	
					I_DrvTempSe	A47.J2:11	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FireSensorA36	A36.JB:5	38.1
					I_IgnKeySw	A36.JB:2	3.2
A46.J2:1	O_LHCornerLb	Left Hand Cornering Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_CorneringLtSw	A56.J2:6	
					I_DockingLtSw	A56.J2:10	
					I_LHFIsHSw	A46.J1:20	
					I_LowDockLtsSw	A55.J2:7	
A46.J2:10	O_AuxFanSpeed	Auxiliary fan speed control			B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_BatMonMod46	A46.J1:24	
A46.J2:13	O_LHFrSidFishLb				B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2

# 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		Page	Connected devices	Input involved		
A46.J2:13	O_LHFrSidFlshLb				I_LHFlshSw	A46.J1:20	
					I_LHFlshSwRrSig	A51.J1:20	
					I_RHFlshSw	A48.J2:5	
					I_RHFlshSwRrSig	A51.J2:5	
A46.J2:4	O_LHHiBmLb	Left Hand Hi Beam Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BatMonMod46	A46.J1:24	
					I_HdLtHiLowBmSw	A56.J1:21	
					I_HdLtPos2Sw	A56.J1:5	
					I_HiBeamCallSw	A56.J1:20	
					I_ParkBrSe	A36.JB:9	12.1
A46.J2:7	O_LHLwBmLb	Left Hand Low Beam Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BatMonMod46	A46.J1:24	
					I_HdLtHiLowBmSw	A56.J1:21	
					I_HdLtPos2Sw	A56.J1:5	
					I_HiBeamCallSw	A56.J1:20	
A47.J1:1	O_DrvRfgSol	Driver refrigerent solenoid			B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_DriverSetPts	.	
					D_HvacModSig	.	
					D_PassSetPts	.	
					I_BatMonMod47	A47.J1:24	
					I_DrvTempSe	A47.J2:11	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FireSensorA36	A36.JB:5	38.1
					I_IgnKeySw	A36.JB:2	3.2
A47.J1:16	O_AuxWaterPump	Auxiliary water pump			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_HvacModSig	.	
					I_DefrostHighSw	A47.J1:21	
					I_DefrostLowSw	A47.J2:6	



# 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		Page	Connected devices	Input involved		
A47.J1:3	O_DrvHeatSol	Driver Heat Solenoid			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_DriverSetPts	.	
					D_HvacModSig	.	
					D_HvacModSig1	.	
					I_BatMonMod47	A47.J1:24	
A47.J1:4	O_DrvRecTrap	Driver Recycle Trap			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_HvacModSig	.	
					I_IgnKeySw	A36.JB:2	3.2
A47.J1:7	O_LwWipSpd1	Lower Wiper Speed 1			I_IgnKeySw	A36.JB:2	3.2
					I_LwWipIntSw	A55.J2:10	
					I_LwWshSw	A55.J2:11	
A47.J2:1	O_DrvDefFanMo	Driver Defroster Fan Motor			B_BatterySaver	.	
					B_EngineRun	.	
					D_HvacModSig	.	
					I_BatMonMod47	A47.J1:24	
A47.J2:4	O_RHDefrostFan	Passenger defrost fan speed control			B_BatterySaver	.	
					B_EngineRun	.	
					D_HvacModSig	.	
					I_BatMonMod47	A47.J1:24	
					I_DefrostHighSw	A47.J1:21	
					I_DefrostLowSw	A47.J2:6	
A48.J1:1	O_RHFogLb1	Right Hand Fog Light			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BatMonMod48	A48.J1:24	
					I_FogLightSw	A56.J2:5	
					I_HdLtHiLowBmSw	A56.J1:21	
					I_HdLtPos2Sw	A56.J1:5	
					I_HiBeamCallSw	A56.J1:20	
A48.J1:10	O_RHFrMrkLb	Right Hand Front Markers Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_EntDorLockSw	A41.J2:3	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FogLightSw	A56.J2:5	
					I_HazardSw	A36.JB:4	26.1
					I_HdLtPos1Sw	A56.J1:17	

# 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		Page	Connected devices	Input involved		
A48.J1:10	O_RHFrMrkLb	Right Hand Front Markers Light Bulb			I_HdLtPos2Sw	A56.J1:5	
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J2:9	
					I_KeylessIntru	A41.J2:6	
					I_KeylessLockAll	A41.J2:8	
					I_KeylessLuggUnl	A41.J2:7	
					I_KeylessPanic	A41.J2:5	
A48.J1:3	O_RHCornerLb	Right Hand Cornering Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_CorneringLtSw	A56.J2:6	
					I_DockingLtSw	A56.J2:10	
					I_LowDockLtsSw	A55.J2:7	
					I_RHFlshSw	A48.J2:5	
A48.J2:1	O_RHHiBeamLb	Right Hand Hi Beam Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BatMonMod48	A48.J1:24	
					I_HdLthiLowBmSw	A56.J1:21	
					I_HdLtPos2Sw	A56.J1:5	
					I_HiBeamCallSw	A56.J1:20	
					I_ParkBrSe	A36.JB:9	12.1
A48.J2:10	O_EntDoorWdoDown	Entrance Door Wdo Down			I_EntDorWdo	A56.J2:13	
					I_IgnKeySw	A36.JB:2	3.2
A48.J2:13	O_RHFrSidFlshLb	RH Front Side Flasher L-Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_LHFlshSwRrSig	A51.J1:20	
					I_RHFlshSw	A48.J2:5	
					I_RHFlshSwRrSig	A51.J2:5	
A48.J2:4	O_RHLwBeamLb	Right Hand Low Beam Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BatMonMod48	A48.J1:24	
					I_HdLthiLowBmSw	A56.J1:21	
					I_HdLtPos2Sw	A56.J1:5	
					I_HiBeamCallSw	A56.J1:20	
A48.J2:7	O_EntDoorWdoUp	Entrance Door Wdo Up			I_EntDorWdo	A56.J2:13	
					I_IgnKeySw	A36.JB:2	3.2
A49.J1:1	O_FanDrvCool357				B_BatterySaver	.	
					B_EngineRun	.	

# 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	Page	Connected devices	Input involved		
A49.J1:1	O_FanDrvCool357			B_TstModHvac	.	
				B_TstModSAC	.	
				D_AmbTempLSB	.	
				D_AmbTempMSB	.	
				I_AltSeLL	A52.J2:8	
				I_AltSeUL	A49.J1:20	
				I_AltSeUR	A52.J2:9	
				I_BatMonMod49	A49.J1:24	
				I_BatMonMod52	A52.J1:24	
				I_FireExt1stAI	A36.JB:23	38.1
				I_IgnKeySw	A36.JB:2	3.2
I_RetdrSig	A50.J1:20					
A49.J1:3	O_FanDrvCac1			B_BatterySaver	.	
				B_EngineRun	.	
				B_TstModHvac	.	
				B_TstModSAC	.	
				D_AmbTempLSB	.	
				D_AmbTempMSB	.	
				D_IndexByte	.	
				I_AltSeLL	A52.J2:8	
				I_AltSeUL	A49.J1:20	
				I_AltSeUR	A52.J2:9	
				I_BatMonMod49	A49.J1:24	
I_BatMonMod52	A52.J1:24					
I_FireExt1stAI	A36.JB:23	38.1				
I_IgnKeySw	A36.JB:2	3.2				
A49.J2:1	O_AltChrCtrUL			B_BatterySaver	.	
				B_EngineRun	.	
				B_TstModHvac	.	
				B_TstModSAC	.	
				D_AmbTempLSB	.	
				D_AmbTempMSB	.	
				D_HvacModSig2	.	
				D_IndexByte	.	
				I_AltSeLL	A52.J2:8	
				I_AltSeUL	A49.J1:20	
				I_AltSeUR	A52.J2:9	
				I_BatMonMod54	A54.J1:24	
				I_IgnKeySw	A36.JB:2	3.2
				I_ParkBrSe	A36.JB:9	12.1
I_RetdrSig	A50.J1:20					
I_StartEna1	A52.J1:20					
I_StartEna2	A36.JB:1	3.2				

# 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		Page	Connected devices	Input involved		
A49.J2:13	O_RetardEna	Retarder Enable			D_VipSteering1	.	
					D_VipSteering2	.	
					I_BrakePedSec	A36.JB:13	12.1
					I_IgnKeySw	A36.JB:2	3.2
					I_LwWipIntSw	A55.J2:10	
					I_LwWshSw	A55.J2:11	
					I_RetarderSel	A55.J2:6	
					I_RetdrSig	A50.J1:20	
A49.J2:4	O_CondSpdVariSAC				B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModSAC	.	
					I_BatMonMod49	A49.J1:24	
A50.J1:10	O_BackUpCam	Back up camera			I_BackUpCamSw	A55.J2:8	
A50.J1:13	O_LHctrFlshLb	Water Filter Indicator Warning			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_LHFlshSwRrSig	A51.J1:20	
					I_RHFlshSwRrSig	A51.J2:5	
A50.J1:19	O_RHctrFlshLb	Wheel Chair Lift Warning Indicator			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_LHFlshSwRrSig	A51.J1:20	
					I_RHFlshSwRrSig	A51.J2:5	
A50.J1:4	O_AirDryer				I_IgnKeySw	A36.JB:2	3.2
A50.J1:7	O_RevAlarm	Back up alarm			B_BatterySaver	.	
					B_EngineRun	.	
					B_TestSwBuz2	.	
					B_TestSwBuzzer	.	
					B_TstModExtLight	.	
					B_TstModHvac	.	
					B_TstModHvacNext	.	
					B_TstModSAC	.	
					B_TstModSACNext	.	
					B_TestSwBuz3	.	
					D_NextWheel	.	
					I_RevAlrmSw	A55.J2:4	
A50.J2:1	O_BrLTLowerLed				B_BatterySaver	.	
					B_EngineRun	.	
					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	Page	Connected devices	Input involved																					
A50.J2:1	O_BrLTLowerLed			<table border="1"> <tr><td>I_BrakePedPri</td><td>A51.J1:21</td><td></td></tr> <tr><td>I_BrakePedSec</td><td>A36.JB:13</td><td>12.1</td></tr> <tr><td>I_IgnKeySw</td><td>A36.JB:2</td><td>3.2</td></tr> <tr><td>I_ParkBrSe</td><td>A36.JB:9</td><td>12.1</td></tr> <tr><td>I_RetdrSig</td><td>A50.J1:20</td><td></td></tr> </table>	I_BrakePedPri	A51.J1:21		I_BrakePedSec	A36.JB:13	12.1	I_IgnKeySw	A36.JB:2	3.2	I_ParkBrSe	A36.JB:9	12.1	I_RetdrSig	A50.J1:20							
I_BrakePedPri	A51.J1:21																								
I_BrakePedSec	A36.JB:13	12.1																							
I_IgnKeySw	A36.JB:2	3.2																							
I_ParkBrSe	A36.JB:9	12.1																							
I_RetdrSig	A50.J1:20																								
A50.J2:10	O_BackUpLt			<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_TstModExtLight</td><td>.</td><td></td></tr> <tr><td>B_TstModHvac</td><td>.</td><td></td></tr> <tr><td>B_TstModHvacNext</td><td>.</td><td></td></tr> <tr><td>B_TstModSAC</td><td>.</td><td></td></tr> <tr><td>B_TstModSACNext</td><td>.</td><td></td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		B_TstModExtLight	.		B_TstModHvac	.		B_TstModHvacNext	.		B_TstModSAC	.		B_TstModSACNext	.	
B_BatterySaver	.																								
B_EngineRun	.																								
B_TstModExtLight	.																								
B_TstModHvac	.																								
B_TstModHvacNext	.																								
B_TstModSAC	.																								
B_TstModSACNext	.																								
A50.J2:7	O_CtrSdMrkLb	Tag Axle Warning Indicator		<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_TstModExtLight</td><td>.</td><td></td></tr> <tr><td>I_FogLightSw</td><td>A56.J2:5</td><td></td></tr> <tr><td>I_HdLtPos1Sw</td><td>A56.J1:17</td><td></td></tr> <tr><td>I_HdLtPos2Sw</td><td>A56.J1:5</td><td></td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		B_TstModExtLight	.		I_FogLightSw	A56.J2:5		I_HdLtPos1Sw	A56.J1:17		I_HdLtPos2Sw	A56.J1:5				
B_BatterySaver	.																								
B_EngineRun	.																								
B_TstModExtLight	.																								
I_FogLightSw	A56.J2:5																								
I_HdLtPos1Sw	A56.J1:17																								
I_HdLtPos2Sw	A56.J1:5																								
A51.J1:1	O_LHDockLb	Left Hand Docking Light Bulb		<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_TstModExtLight</td><td>.</td><td></td></tr> <tr><td>I_DockingLtSw</td><td>A56.J2:10</td><td></td></tr> <tr><td>I_LowDockLtsSw</td><td>A55.J2:7</td><td></td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		B_TstModExtLight	.		I_DockingLtSw	A56.J2:10		I_LowDockLtsSw	A55.J2:7							
B_BatterySaver	.																								
B_EngineRun	.																								
B_TstModExtLight	.																								
I_DockingLtSw	A56.J2:10																								
I_LowDockLtsSw	A55.J2:7																								
A51.J1:13	O_LHReFlshLb	Left Hand Rear Flasher Light Bulb		<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_TstModExtLight</td><td>.</td><td></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>3.2</td></tr> <tr><td>I_LHFlshSwRrSig</td><td>A51.J1:20</td><td></td></tr> <tr><td>I_RHFlshSwRrSig</td><td>A51.J2:5</td><td></td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		B_TstModExtLight	.		I_HazardSw	A36.JB:4	26.1	I_IgnKeySw	A36.JB:2	3.2	I_LHFlshSwRrSig	A51.J1:20		I_RHFlshSwRrSig	A51.J2:5	
B_BatterySaver	.																								
B_EngineRun	.																								
B_TstModExtLight	.																								
I_HazardSw	A36.JB:4	26.1																							
I_IgnKeySw	A36.JB:2	3.2																							
I_LHFlshSwRrSig	A51.J1:20																								
I_RHFlshSwRrSig	A51.J2:5																								
A51.J1:16	O_SerBrkTrans	Servise Brake Signal For Transmission		<table border="1"> <tr><td>I_BrakePedSec</td><td>A36.JB:13</td><td>12.1</td></tr> </table>	I_BrakePedSec	A36.JB:13	12.1																		
I_BrakePedSec	A36.JB:13	12.1																							
A51.J1:3	O_RHDockLb	Right Hand Docking Light Bulb		<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_TstModExtLight</td><td>.</td><td></td></tr> <tr><td>I_DockingLtSw</td><td>A56.J2:10</td><td></td></tr> <tr><td>I_LowDockLtsSw</td><td>A55.J2:7</td><td></td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		B_TstModExtLight	.		I_DockingLtSw	A56.J2:10		I_LowDockLtsSw	A55.J2:7							
B_BatterySaver	.																								
B_EngineRun	.																								
B_TstModExtLight	.																								
I_DockingLtSw	A56.J2:10																								
I_LowDockLtsSw	A55.J2:7																								
A51.J1:4	O_RHReFlshLb	Right Hand Rear Flasher Light Bulb		<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_TstModExtLight</td><td>.</td><td></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>3.2</td></tr> <tr><td>I_LHFlshSwRrSig</td><td>A51.J1:20</td><td></td></tr> <tr><td>I_RHFlshSwRrSig</td><td>A51.J2:5</td><td></td></tr> </table>	B_BatterySaver	.		B_EngineRun	.		B_TstModExtLight	.		I_HazardSw	A36.JB:4	26.1	I_IgnKeySw	A36.JB:2	3.2	I_LHFlshSwRrSig	A51.J1:20		I_RHFlshSwRrSig	A51.J2:5	
B_BatterySaver	.																								
B_EngineRun	.																								
B_TstModExtLight	.																								
I_HazardSw	A36.JB:4	26.1																							
I_IgnKeySw	A36.JB:2	3.2																							
I_LHFlshSwRrSig	A51.J1:20																								
I_RHFlshSwRrSig	A51.J2:5																								

# 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		Page	Connected devices	Input involved		
A51.J1:7	O_CyclopeLt	Cyclope Brake Light			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BrakePedPri	A51.J1:21	
					I_BrakePedSec	A36.JB:13	12.1
					I_IgnKeySw	A36.JB:2	3.2
					I_ParkBrSe	A36.JB:9	12.1
A51.J2:1	O_CyclopeRH				B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_FogLightSw	A56.J2:5	
					I_HazardSw	A36.JB:4	26.1
					I_HdLtPos1Sw	A56.J1:17	
					I_HdLtPos2Sw	A56.J1:5	
					I_IgnKeySw	A36.JB:2	3.2
					I_LHFfshSwRrSig	A51.J1:20	
					I_RHFfshSwRrSig	A51.J2:5	
A51.J2:10	O_CyclopeLH				B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_FogLightSw	A56.J2:5	
					I_HazardSw	A36.JB:4	26.1
					I_HdLtPos1Sw	A56.J1:17	
					I_HdLtPos2Sw	A56.J1:5	
					I_IgnKeySw	A36.JB:2	3.2
					I_LHFfshSwRrSig	A51.J1:20	
					I_RHFfshSwRrSig	A51.J2:5	
A51.J2:4	O_TransInhibit	Transmission Inhibit			I_BatMonMod61	A61.J1:24	
					I_BrakePedPri	A51.J1:21	
					I_BrakePedSec	A36.JB:13	12.1
					I_FFf4FrLimSw	A61.J2:8	
					I_FFf4RrLimSw	A61.J2:9	
					I_IgnKeySw	A36.JB:2	3.2
					I_Sld4PosFFMoFr	A61.J2:11	
					I_Sld4PosFFMoRr	A61.J2:12	
A51.J2:7	O_BrLTUpperLed				B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModExtLight	.	
					I_BrakePedPri	A51.J1:21	
					I_BrakePedSec	A36.JB:13	12.1
					I_IgnKeySw	A36.JB:2	3.2
					I_ParkBrSe	A36.JB:9	12.1
					I_RetdrSig	A50.J1:20	

# 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		Page	Connected devices	Input involved		
A52.J1:1	O_FnDrvCac2				B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_IndexByte	.	
					I_AltSeLL	A52.J2:8	
					I_AltSeUR	A52.J2:9	
					I_BatMonMod52	A52.J1:24	
A52.J1:10	O_StarterRel	Starter Relay			I_FireExt1stAl	A36.JB:23	38.1
					I_IgnKeySw	A36.JB:2	3.2
					B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					I_EngDoorSe	A52.J2:6	
					I_EngStaRrSw	A52.J2:5	
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FrEngStaSw	A36.JB:22	3.2
					I_IgnKeySw	A36.JB:2	3.2
A52.J1:13	O_FanRJB	Fan RJB			I_StartEna1	A52.J1:20	
					I_StartEna2	A36.JB:1	3.2
					B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FireSensorA36	A36.JB:5	38.1
A52.J1:3	O_FanDrvCool468				I_IgnKeySw	A36.JB:2	3.2
					B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					I_AltSeLL	A52.J2:8	
					I_AltSeUR	A52.J2:9	
					I_BatMonMod52	A52.J1:24	
I_FireExt1stAl	A36.JB:23	38.1					
I_IgnKeySw	A36.JB:2	3.2					
I_RetdrSig	A50.J1:20						

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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		Page	Connected devices	Input involved		
A52.J1:7	O_EngCmptLb	Engine Compartment			I_EngDoorSe	A52.J2:6	
A52.J2:1	O_AltChrCtrLL				B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_HvacModSig2	.	
					D_IndexByte	.	
					I_AltSeLL	A52.J2:8	
					I_AltSeUL	A49.J1:20	
					I_AltSeUR	A52.J2:9	
					I_BatMonMod54	A54.J1:24	
					I_IgnKeySw	A36.JB:2	3.2
					I_ParkBrSe	A36.JB:9	12.1
					I_RetdrSig	A50.J1:20	
					I_StartEna1	A52.J1:20	
					I_StartEna2	A36.JB:1	3.2
A52.J2:4	O_AltChrCtrUR				B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_HvacModSig2	.	
					D_IndexByte	.	
					I_AltSeLL	A52.J2:8	
					I_AltSeUL	A49.J1:20	
					I_AltSeUR	A52.J2:9	
					I_BatMonMod54	A54.J1:24	
					I_IgnKeySw	A36.JB:2	3.2
					I_ParkBrSe	A36.JB:9	12.1
					I_RetdrSig	A50.J1:20	
					I_StartEna1	A52.J1:20	
					I_StartEna2	A36.JB:1	3.2
A54.J1:1	O_EvaSpd2Pilot	Evaporator Fan Speed 2			B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_HvacModSig	.	
					D_PassSetPts	.	



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Module.Pin#	Signal name	Page	Connected devices	Input involved		
A54.J1:1	O_EvaSpd2Pilot	Evaporator Fan Speed 2		I_BatMonMod54	A54.J1:24	
				I_FireExt1stAl	A36.JB:23	38.1
				I_FireExt2ndAlm	A36.JB:21	38.1
				I_FireSensorA36	A36.JB:5	38.1
				I_IgnKeySw	A36.JB:2	3.2
A54.J1:10	O_ACWaterPmp	Hvac Water Pump		B_BatterySaver	.	
				B_EngineRun	.	
				B_TstModHvac	.	
				D_AmbTempLSB	.	
				D_AmbTempMSB	.	
				D_HvacModSig	.	
				I_BatMonMod54	A54.J1:24	
				I_FireExt1stAl	A36.JB:23	38.1
				I_FireExt2ndAlm	A36.JB:21	38.1
				I_FireSensorA36	A36.JB:5	38.1
I_IgnKeySw	A36.JB:2	3.2				
A54.J1:19	O_EvaSpd1Rel	Evaporator Fan Speed 1 Relay		B_BatterySaver	.	
				B_EngineRun	.	
				B_LowVoltage	.	
				B_TstModHvac	.	
				D_HvacModSig	.	
				I_BatMonMod54	A54.J1:24	
				I_FireExt1stAl	A36.JB:23	38.1
				I_FireExt2ndAlm	A36.JB:21	38.1
				I_FireSensorA36	A36.JB:5	38.1
				I_IgnKeySw	A36.JB:2	3.2
A54.J1:3	O_CondSpdVariabl			B_BatterySaver	.	
				B_EngineRun	.	
				B_LowVoltage	.	
				B_TstModHvac	.	
				D_AmbTempLSB	.	
				D_AmbTempMSB	.	
				D_HvacModSig	.	
				D_PassSetPts	.	
				I_BatMonMod54	A54.J1:24	
				I_FireExt1stAl	A36.JB:23	38.1
I_FireExt2ndAlm	A36.JB:21	38.1				
I_FireSensorA36	A36.JB:5	38.1				
I_IgnKeySw	A36.JB:2	3.2				
A54.J1:7	O_PasRfgSol	Passenger Refrigerent Solenoid		B_BatterySaver	.	
				B_EngineRun	.	
				B_LowVoltage	.	
				B_TstModHvac	.	

# 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		Page	Connected devices	Input involved		
A54.J1:7	O_PasRfgSol	Passenger Refrigerent Solenoid			D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_HvacModSig	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FireSensorA36	A36.JB:5	38.1
A54.J2:10	O_ACRecPass	A/C Pass. Gaz Cylinder Recycle			I_IgnKeySw	A36.JB:2	3.2
					B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_HvacModSig	.	
					I_IgnKeySw	A36.JB:2	3.2
					A54.J2:13	O_PassHeatVlvCtl	
B_EngineRun	.						
B_TstModHvac	.						
I_BatMonMod54	A54.J1:24						
A54.J2:4	O_AcUnldrH	Hvac Right Hand Cylinder Unloader			B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_DriverSetPts	.	
					D_HvacModSig	.	
					D_PassSetPts	.	
					I_AcPresLoSse	A54.J2:9	
					I_DrvTempSe	A47.J2:11	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A36.JB:21	38.1
					I_FireSensorA36	A36.JB:5	38.1
I_IgnKeySw	A36.JB:2	3.2					
A54.J2:7	O_PasHeatSol	Passenger Heat Solenoid Valve			B_BatterySaver	.	
					B_EngineRun	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_HvacModSig	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	
I_FireExt1stAl	A36.JB:23	38.1					

# 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	Page	Connected devices	Input involved
A54.J2:7	O_PasHeatSol	Passenger Heat Solenoid Valve		I_FireExt2ndAlm A36.JB:21 38.1 I_FireSensorA36 A36.JB:5 38.1 I_IgnKeySw A36.JB:2 3.2
A55.J1:1	O_DashBackLit	Dash BackLighting		I_HdLtPos1Sw A56.J1:17
A55.J1:4	O_Alt	Alternator		B_BatterySaver . B_EngineRun . B_TstModHvac . B_TstModSAC . D_AmbTempLSB . D_AmbTempMSB . D_HvacModSig2 . D_IndexByte . I_AccKeySw A36.JB:6 3.2 I_AltSeLL A52.J2:8 I_AltSeUL A49.J1:20 I_AltSeUR A52.J2:9 I_BatMonMod54 A54.J1:24 I_EntDorLockSw A41.J2:3 I_FireExt2ndAlm A36.JB:21 38.1 I_HazardSw A36.JB:4 26.1 I_IgnKeySw A36.JB:2 3.2 I_ParkBrSe A36.JB:9 12.1 I_RetdrSig A50.J1:20 I_StartEna1 A52.J1:20 I_StartEna2 A36.JB:1 3.2
A55.J1:7	O_BackUpMon	Backup Monitor Signal		I_BackUpCamSw A55.J2:8
A55.J2:15	O_GateWayPwr			D_VipSteering1 . I_A55_NormalMode . I_IgnKeySw A36.JB:2 3.2
A56.J1:10	O_ClusterDown			D_VipSteering1 . D_VipSteering3 . I_A56NormalMode . I_HiBeamCallSw A56.J1:20 I_IgnKeySw A36.JB:2 3.2 I_LHFfshSwLHom A56.J2:3 I_RHFfshSwLHom A56.J2:4
A56.J1:13	O_EngineRun	Engine Run Signal		B_EngineRun . D_HvacModSig . I_BatMonMod54 A54.J1:24 I_IgnKeySw A36.JB:2 3.2
A56.J1:3	O_ClusterSelect			D_VipSteering1 . D_VipSteering2 . I_A56NormalMode .

# MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A56.J1:3	O_ClusterSelect				I_HiBeamCallSw	A56.J1:20	
					I_IgnKeySw	A36.JB:2	3.2
					I_LHFfshSwLHom	A56.J2:3	
					I_RHFfshSwLHom	A56.J2:4	
A56.J1:4	O_ClusterEsc				D_VipSteering1	.	
					D_VipSteering3	.	
					I_A56NormalMode	.	
					I_HiBeamCallSw	A56.J1:20	
					I_IgnKeySw	A36.JB:2	3.2
					I_LHFfshSwLHom	A56.J2:3	
A56.J1:7	O_ClusterUp				I_RHFfshSwLHom	A56.J2:4	
					D_VipSteering1	.	
					D_VipSteering3	.	
					I_A56NormalMode	.	
					I_HiBeamCallSw	A56.J1:20	
					I_IgnKeySw	A36.JB:2	3.2
A58.J1:1	O_SldO1MoSpeedA	Slide-Out 1 Motor Speed Control A			I_BatMonMod58	A58.J1:24	
					I_BatMonMod59	A59.J1:24	
					I_BatMonMod60	A60.J1:24	
					I_BatMonMod61	A61.J1:24	
					I_FFlr4FrLimSw	A61.J2:8	
					I_FFlr4RrLimSw	A61.J2:9	
					I_IgnKeySw	A36.JB:2	3.2
					I_Sld4PosFFMoFr	A61.J2:11	
					I_Sld4PosFFMoRr	A61.J2:12	
					I_SldO1CloseSw	A58.J1:21	
					I_SldO1LimiOutSw	A58.J2:9	
					I_SldO1OpenSw	A58.J1:20	
					I_SldO1PBrakeSw	A58.J2:6	
					I_SldO1VacPrSe	A58.J2:11	
					I_SldO2LimiOutSw	A59.J2:9	
					I_SldO2PBrakeSw	A59.J2:6	
					I_SldO3LimiOutSw	A60.J2:9	
					I_SldO3PBrakeSw	A60.J2:6	
					I_SldO4PBrakeSw	A61.J2:6	
					A58.J1:10	O_SldO1SealDefSo	Slide_Out 1 Seal Deflating Valve
I_IgnKeySw	A36.JB:2	3.2					
I_SldO1PBrakeSw	A58.J2:6						
A58.J1:16	O_SldO1Motneg	Slide_Out 1 Motor -			I_BatMonMod58	A58.J1:24	
					I_BatMonMod59	A59.J1:24	
					I_BatMonMod60	A60.J1:24	

# 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	Page	Connected devices	Input involved		
A58.J1:16	O_Sld01Motneg	Slide_Out 1 Motor -		I_BatMonMod61	A61.J1:24	
				I_FF1r4FrLimSw	A61.J2:8	
				I_FF1r4RrLimSw	A61.J2:9	
				I_IgnKeySw	A36.JB:2	3.2
				I_Sld4PosFFMoFr	A61.J2:11	
				I_Sld4PosFFMoRr	A61.J2:12	
				I_SldO1CloseSw	A58.J1:21	
				I_SldO1LimiOutSw	A58.J2:9	
				I_SldO1OpenSw	A58.J1:20	
				I_SldO1PBrakeSw	A58.J2:6	
				I_SldO1VacPrSe	A58.J2:11	
				I_SldO2LimiOutSw	A59.J2:9	
				I_SldO2PBrakeSw	A59.J2:6	
				I_SldO3LimiOutSw	A60.J2:9	
				I_SldO3PBrakeSw	A60.J2:6	
A58.J1:19	O_Sld01Motpos	Slide_Out 1 Motor +		I_BatMonMod58	A58.J1:24	
				I_BatMonMod59	A59.J1:24	
				I_BatMonMod60	A60.J1:24	
				I_BatMonMod61	A61.J1:24	
				I_FF1r4FrLimSw	A61.J2:8	
				I_FF1r4RrLimSw	A61.J2:9	
				I_IgnKeySw	A36.JB:2	3.2
				I_Sld4PosFFMoFr	A61.J2:11	
				I_Sld4PosFFMoRr	A61.J2:12	
				I_SldO1CloseSw	A58.J1:21	
				I_SldO1LimiOutSw	A58.J2:9	
				I_SldO1OpenSw	A58.J1:20	
				I_SldO1VacPrSe	A58.J2:11	
				I_SldO2LimiOutSw	A59.J2:9	
				I_SldO2PBrakeSw	A59.J2:6	
A58.J1:3	O_Sld01MoSpeedB	Slide-Out 1 Motor Speed Control B		I_BatMonMod58	A58.J1:24	
				I_BatMonMod59	A59.J1:24	
				I_BatMonMod60	A60.J1:24	
				I_BatMonMod61	A61.J1:24	
				I_FF1r4FrLimSw	A61.J2:8	
				I_FF1r4RrLimSw	A61.J2:9	
				I_IgnKeySw	A36.JB:2	3.2
				I_Sld4PosFFMoFr	A61.J2:11	
				I_Sld4PosFFMoRr	A61.J2:12	

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A58.J1:3	O_SldO1MoSpeedB	Slide-Out 1 Motor Speed Control B			I_SldO1CloseSw	A58.J1:21	
					I_SldO1LimiOutSw	A58.J2:9	
					I_SldO1OpenSw	A58.J1:20	
					I_SldO1PBrakeSw	A58.J2:6	
					I_SldO1VacPrSe	A58.J2:11	
					I_SldO2LimiOutSw	A59.J2:9	
					I_SldO2PBrakeSw	A59.J2:6	
					I_SldO3LimiOutSw	A60.J2:9	
					I_SldO3PBrakeSw	A60.J2:6	
					I_SldO4PBrakeSw	A61.J2:6	
A58.J1:4	O_SldO1RemoteLed	Slide_Out 1 Remote Led			I_BatMonMod58	A58.J1:24	
					I_IgnKeySw	A36.JB:2	3.2
					I_SldO1CloseSw	A58.J1:21	
					I_SldO1LimiOutSw	A58.J2:9	
					I_SldO1OpenSw	A58.J1:20	
					I_SldO1PBrakeSw	A58.J2:6	
					I_SldO1Supply5v	A58.J2:15	
					I_SldO1VacPrSe	A58.J2:11	
A58.J1:7	O_SldO1SealInfSo	Slide_Out 1 Seal Inflating Valve			I_SldO1LimiOutSw	A58.J2:9	
A58.J2:1	O_SldO1VaccGenSo	Slide_Out 1 Seal Vaccum Generator			I_BatMonMod58	A58.J1:24	
					I_BatMonMod59	A59.J1:24	
					I_BatMonMod60	A60.J1:24	
					I_BatMonMod61	A61.J1:24	
					I_IgnKeySw	A36.JB:2	3.2
					I_SldO1PBrakeSw	A58.J2:6	
					I_SldO2PBrakeSw	A59.J2:6	
					I_SldO3PBrakeSw	A60.J2:6	
					I_SldO4PBrakeSw	A61.J2:6	
A58.J2:4	O_SldO1SecuPinSo	Slide-Out 1 Security Pins			I_SldO1PBrakeSw	A58.J2:6	
					I_SldO2PBrakeSw	A59.J2:6	
					I_SldO3PBrakeSw	A60.J2:6	
					I_SldO4PBrakeSw	A61.J2:6	
A59.J1:1	O_SldO2MoSpeedA	Slide-Out 2 Motor Speed Control A			I_BatMonMod58	A58.J1:24	
					I_BatMonMod59	A59.J1:24	
					I_BatMonMod60	A60.J1:24	
					I_BatMonMod61	A61.J1:24	
					I_FF1r4FrLimSw	A61.J2:8	
					I_FF1r4RrLimSw	A61.J2:9	
					I_IgnKeySw	A36.JB:2	3.2
					I_Sld4PosFFMoFr	A61.J2:11	
					I_Sld4PosFFMoRr	A61.J2:12	
					I_SldO1LimiOutSw	A58.J2:9	
					I_SldO1PBrakeSw	A58.J2:6	

# 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		Page	Connected devices	Input involved		
A59.J1:1	O_SldO2MoSpeedA	Slide-Out 2 Motor Speed Control A			I_SldO1VacPrSe	A58.J2:11	
					I_SldO2CloseSw	A59.J1:21	
					I_SldO2LimiOutSw	A59.J2:9	
					I_SldO2OpenSw	A59.J1:20	
					I_SldO2PBrakeSw	A59.J2:6	
					I_SldO3LimiOutSw	A60.J2:9	
					I_SldO3PBrakeSw	A60.J2:6	
					I_SldO4PBrakeSw	A61.J2:6	
A59.J1:10	O_SldO2SealDefSo	Slide_Out 2 Seal Deflating Valve			I_BatMonMod59	A59.J1:24	
					I_IgnKeySw	A36.JB:2	3.2
					I_SldO2PBrakeSw	A59.J2:6	
A59.J1:16	O_SldO2Motneg	Slide_Out 2 Motor -			I_BatMonMod58	A58.J1:24	
					I_BatMonMod59	A59.J1:24	
					I_BatMonMod60	A60.J1:24	
					I_BatMonMod61	A61.J1:24	
					I_FF1r4FrLimSw	A61.J2:8	
					I_FF1r4RrLimSw	A61.J2:9	
					I_IgnKeySw	A36.JB:2	3.2
					I_Sld4PosFFMoFr	A61.J2:11	
					I_Sld4PosFFMoRr	A61.J2:12	
					I_SldO1LimiOutSw	A58.J2:9	
					I_SldO1PBrakeSw	A58.J2:6	
					I_SldO1VacPrSe	A58.J2:11	
					I_SldO2CloseSw	A59.J1:21	
					I_SldO2LimiOutSw	A59.J2:9	
					I_SldO2OpenSw	A59.J1:20	
					I_SldO2PBrakeSw	A59.J2:6	
					I_SldO3LimiOutSw	A60.J2:9	
					I_SldO3PBrakeSw	A60.J2:6	
					I_SldO4PBrakeSw	A61.J2:6	
A59.J1:19	O_SldO2Motpos	Slide_Out 2 Motor +			I_BatMonMod58	A58.J1:24	
					I_BatMonMod59	A59.J1:24	
					I_BatMonMod60	A60.J1:24	
					I_BatMonMod61	A61.J1:24	
					I_FF1r4FrLimSw	A61.J2:8	
					I_FF1r4RrLimSw	A61.J2:9	
					I_IgnKeySw	A36.JB:2	3.2
					I_Sld4PosFFMoFr	A61.J2:11	
					I_Sld4PosFFMoRr	A61.J2:12	
					I_SldO1LimiOutSw	A58.J2:9	
					I_SldO1PBrakeSw	A58.J2:6	
					I_SldO1VacPrSe	A58.J2:11	
					I_SldO2CloseSw	A59.J1:21	

# 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	Page	Connected devices	Input involved																																																									
A59.J1:19	O_SldO2Motpos		Slide_Out 2 Motor +	<table border="1"> <tr><td>I_SldO2LimiOutSw</td><td>A59.J2:9</td><td></td></tr> <tr><td>I_SldO2OpenSw</td><td>A59.J1:20</td><td></td></tr> <tr><td>I_SldO3LimiOutSw</td><td>A60.J2:9</td><td></td></tr> <tr><td>I_SldO3PBrakeSw</td><td>A60.J2:6</td><td></td></tr> <tr><td>I_SldO4PBrakeSw</td><td>A61.J2:6</td><td></td></tr> </table>	I_SldO2LimiOutSw	A59.J2:9		I_SldO2OpenSw	A59.J1:20		I_SldO3LimiOutSw	A60.J2:9		I_SldO3PBrakeSw	A60.J2:6		I_SldO4PBrakeSw	A61.J2:6																																											
I_SldO2LimiOutSw	A59.J2:9																																																												
I_SldO2OpenSw	A59.J1:20																																																												
I_SldO3LimiOutSw	A60.J2:9																																																												
I_SldO3PBrakeSw	A60.J2:6																																																												
I_SldO4PBrakeSw	A61.J2:6																																																												
A59.J1:3	O_SldO2MoSpeedB		Slide-Out 2 Motor Speed Control B	<table border="1"> <tr><td>I_BatMonMod58</td><td>A58.J1:24</td><td></td></tr> <tr><td>I_BatMonMod59</td><td>A59.J1:24</td><td></td></tr> <tr><td>I_BatMonMod60</td><td>A60.J1:24</td><td></td></tr> <tr><td>I_BatMonMod61</td><td>A61.J1:24</td><td></td></tr> <tr><td>I_FF1r4FrLimSw</td><td>A61.J2:8</td><td></td></tr> <tr><td>I_FF1r4RrLimSw</td><td>A61.J2:9</td><td></td></tr> <tr><td>I_IgnKeySw</td><td>A36.JB:2</td><td>3.2</td></tr> <tr><td>I_Sld4PosFFMoFr</td><td>A61.J2:11</td><td></td></tr> <tr><td>I_Sld4PosFFMoRr</td><td>A61.J2:12</td><td></td></tr> <tr><td>I_SldO1LimiOutSw</td><td>A58.J2:9</td><td></td></tr> <tr><td>I_SldO1PBrakeSw</td><td>A58.J2:6</td><td></td></tr> <tr><td>I_SldO1VacPrSe</td><td>A58.J2:11</td><td></td></tr> <tr><td>I_SldO2CloseSw</td><td>A59.J1:21</td><td></td></tr> <tr><td>I_SldO2LimiOutSw</td><td>A59.J2:9</td><td></td></tr> <tr><td>I_SldO2OpenSw</td><td>A59.J1:20</td><td></td></tr> <tr><td>I_SldO2PBrakeSw</td><td>A59.J2:6</td><td></td></tr> <tr><td>I_SldO3LimiOutSw</td><td>A60.J2:9</td><td></td></tr> <tr><td>I_SldO3PBrakeSw</td><td>A60.J2:6</td><td></td></tr> <tr><td>I_SldO4PBrakeSw</td><td>A61.J2:6</td><td></td></tr> </table>	I_BatMonMod58	A58.J1:24		I_BatMonMod59	A59.J1:24		I_BatMonMod60	A60.J1:24		I_BatMonMod61	A61.J1:24		I_FF1r4FrLimSw	A61.J2:8		I_FF1r4RrLimSw	A61.J2:9		I_IgnKeySw	A36.JB:2	3.2	I_Sld4PosFFMoFr	A61.J2:11		I_Sld4PosFFMoRr	A61.J2:12		I_SldO1LimiOutSw	A58.J2:9		I_SldO1PBrakeSw	A58.J2:6		I_SldO1VacPrSe	A58.J2:11		I_SldO2CloseSw	A59.J1:21		I_SldO2LimiOutSw	A59.J2:9		I_SldO2OpenSw	A59.J1:20		I_SldO2PBrakeSw	A59.J2:6		I_SldO3LimiOutSw	A60.J2:9		I_SldO3PBrakeSw	A60.J2:6		I_SldO4PBrakeSw	A61.J2:6	
I_BatMonMod58	A58.J1:24																																																												
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I_BatMonMod60	A60.J1:24																																																												
I_BatMonMod61	A61.J1:24																																																												
I_FF1r4FrLimSw	A61.J2:8																																																												
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I_IgnKeySw	A36.JB:2	3.2																																																											
I_Sld4PosFFMoFr	A61.J2:11																																																												
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I_SldO1LimiOutSw	A58.J2:9																																																												
I_SldO1PBrakeSw	A58.J2:6																																																												
I_SldO1VacPrSe	A58.J2:11																																																												
I_SldO2CloseSw	A59.J1:21																																																												
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I_SldO2PBrakeSw	A59.J2:6																																																												
I_SldO3LimiOutSw	A60.J2:9																																																												
I_SldO3PBrakeSw	A60.J2:6																																																												
I_SldO4PBrakeSw	A61.J2:6																																																												
A59.J1:4	O_SldO2RemoteLed		Slide_Out 2 Remote Led	<table border="1"> <tr><td>I_BatMonMod59</td><td>A59.J1:24</td><td></td></tr> <tr><td>I_IgnKeySw</td><td>A36.JB:2</td><td>3.2</td></tr> <tr><td>I_SldO1VacPrSe</td><td>A58.J2:11</td><td></td></tr> <tr><td>I_SldO2CloseSw</td><td>A59.J1:21</td><td></td></tr> <tr><td>I_SldO2LimiOutSw</td><td>A59.J2:9</td><td></td></tr> <tr><td>I_SldO2OpenSw</td><td>A59.J1:20</td><td></td></tr> <tr><td>I_SldO2PBrakeSw</td><td>A59.J2:6</td><td></td></tr> <tr><td>I_SldO2Supply5v</td><td>A59.J2:15</td><td></td></tr> </table>	I_BatMonMod59	A59.J1:24		I_IgnKeySw	A36.JB:2	3.2	I_SldO1VacPrSe	A58.J2:11		I_SldO2CloseSw	A59.J1:21		I_SldO2LimiOutSw	A59.J2:9		I_SldO2OpenSw	A59.J1:20		I_SldO2PBrakeSw	A59.J2:6		I_SldO2Supply5v	A59.J2:15																																		
I_BatMonMod59	A59.J1:24																																																												
I_IgnKeySw	A36.JB:2	3.2																																																											
I_SldO1VacPrSe	A58.J2:11																																																												
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I_SldO2Supply5v	A59.J2:15																																																												
A59.J1:7	O_SldO2SealInfSo		Slide_Out 2 Seal Inflating Valve	<table border="1"> <tr><td>I_SldO2LimiOutSw</td><td>A59.J2:9</td><td></td></tr> </table>	I_SldO2LimiOutSw	A59.J2:9																																																							
I_SldO2LimiOutSw	A59.J2:9																																																												
A60.J1:1	O_SldO3MoSpeedA			<table border="1"> <tr><td>I_BatMonMod58</td><td>A58.J1:24</td><td></td></tr> <tr><td>I_BatMonMod59</td><td>A59.J1:24</td><td></td></tr> <tr><td>I_BatMonMod60</td><td>A60.J1:24</td><td></td></tr> <tr><td>I_BatMonMod61</td><td>A61.J1:24</td><td></td></tr> <tr><td>I_FF1r4FrLimSw</td><td>A61.J2:8</td><td></td></tr> <tr><td>I_FF1r4RrLimSw</td><td>A61.J2:9</td><td></td></tr> <tr><td>I_IgnKeySw</td><td>A36.JB:2</td><td>3.2</td></tr> <tr><td>I_Sld4PosFFMoFr</td><td>A61.J2:11</td><td></td></tr> <tr><td>I_Sld4PosFFMoRr</td><td>A61.J2:12</td><td></td></tr> <tr><td>I_SldO1LimiOutSw</td><td>A58.J2:9</td><td></td></tr> </table>	I_BatMonMod58	A58.J1:24		I_BatMonMod59	A59.J1:24		I_BatMonMod60	A60.J1:24		I_BatMonMod61	A61.J1:24		I_FF1r4FrLimSw	A61.J2:8		I_FF1r4RrLimSw	A61.J2:9		I_IgnKeySw	A36.JB:2	3.2	I_Sld4PosFFMoFr	A61.J2:11		I_Sld4PosFFMoRr	A61.J2:12		I_SldO1LimiOutSw	A58.J2:9																												
I_BatMonMod58	A58.J1:24																																																												
I_BatMonMod59	A59.J1:24																																																												
I_BatMonMod60	A60.J1:24																																																												
I_BatMonMod61	A61.J1:24																																																												
I_FF1r4FrLimSw	A61.J2:8																																																												
I_FF1r4RrLimSw	A61.J2:9																																																												
I_IgnKeySw	A36.JB:2	3.2																																																											
I_Sld4PosFFMoFr	A61.J2:11																																																												
I_Sld4PosFFMoRr	A61.J2:12																																																												
I_SldO1LimiOutSw	A58.J2:9																																																												



# 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	Page	Connected devices	Input involved	
A60.J1:1	O_SldO3MoSpeedA			I_SldO1PBrakeSw	A58.J2:6
				I_SldO1VacPrSe	A58.J2:11
				I_SldO2LimiOutSw	A59.J2:9
				I_SldO2PBrakeSw	A59.J2:6
				I_SldO3CloseSw	A60.J1:21
				I_SldO3LimiOutSw	A60.J2:9
				I_SldO3OpenSw	A60.J1:20
				I_SldO3PBrakeSw	A60.J2:6
				I_SldO4PBrakeSw	A61.J2:6
A60.J1:10	O_SldO3SealDefSo			I_BatMonMod60	A60.J1:24
				I_IgnKeySw	A36.JB:2 3.2
				I_SldO3PBrakeSw	A60.J2:6
A60.J1:16	O_SldO3Motneg			I_BatMonMod58	A58.J1:24
				I_BatMonMod59	A59.J1:24
				I_BatMonMod60	A60.J1:24
				I_BatMonMod61	A61.J1:24
				I_FF1r4FrLimSw	A61.J2:8
				I_FF1r4RrLimSw	A61.J2:9
				I_IgnKeySw	A36.JB:2 3.2
				I_Sld4PosFFMoFr	A61.J2:11
				I_Sld4PosFFMoRr	A61.J2:12
				I_SldO1LimiOutSw	A58.J2:9
				I_SldO1PBrakeSw	A58.J2:6
				I_SldO1VacPrSe	A58.J2:11
				I_SldO2LimiOutSw	A59.J2:9
				I_SldO2PBrakeSw	A59.J2:6
				I_SldO3CloseSw	A60.J1:21
				I_SldO3LimiOutSw	A60.J2:9
				I_SldO3OpenSw	A60.J1:20
				I_SldO3PBrakeSw	A60.J2:6
				I_SldO4PBrakeSw	A61.J2:6
A60.J1:19	O_SldO3Motpos			I_BatMonMod58	A58.J1:24
				I_BatMonMod59	A59.J1:24
				I_BatMonMod60	A60.J1:24
				I_BatMonMod61	A61.J1:24
				I_FF1r4FrLimSw	A61.J2:8
				I_FF1r4RrLimSw	A61.J2:9
				I_IgnKeySw	A36.JB:2 3.2
				I_Sld4PosFFMoFr	A61.J2:11
				I_Sld4PosFFMoRr	A61.J2:12
				I_SldO1LimiOutSw	A58.J2:9
				I_SldO1PBrakeSw	A58.J2:6
				I_SldO1VacPrSe	A58.J2:11

# 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	Page	Connected devices	Input involved	
A60.J1:19	O_SldO3Motpos			I_SldO2LimiOutSw	A59.J2:9
				I_SldO2PBrakeSw	A59.J2:6
				I_SldO3CloseSw	A60.J1:21
				I_SldO3LimiOutSw	A60.J2:9
				I_SldO3OpenSw	A60.J1:20
				I_SldO4PBrakeSw	A61.J2:6
A60.J1:3	O_SldO3MoSpeedB			I_BatMonMod58	A58.J1:24
				I_BatMonMod59	A59.J1:24
				I_BatMonMod60	A60.J1:24
				I_BatMonMod61	A61.J1:24
				I_FF1r4FrLimSw	A61.J2:8
				I_FF1r4RrLimSw	A61.J2:9
				I_IgnKeySw	A36.JB:2 3.2
				I_Sld4PosFFMoFr	A61.J2:11
				I_Sld4PosFFMoRr	A61.J2:12
				I_SldO1LimiOutSw	A58.J2:9
				I_SldO1PBrakeSw	A58.J2:6
				I_SldO1VacPrSe	A58.J2:11
				I_SldO2LimiOutSw	A59.J2:9
				I_SldO2PBrakeSw	A59.J2:6
				I_SldO3CloseSw	A60.J1:21
				I_SldO3LimiOutSw	A60.J2:9
				I_SldO3OpenSw	A60.J1:20
				I_SldO3PBrakeSw	A60.J2:6
				I_SldO4PBrakeSw	A61.J2:6
A60.J1:4	O_SldO3RemoteLed			I_BatMonMod60	A60.J1:24
				I_IgnKeySw	A36.JB:2 3.2
				I_SldO1VacPrSe	A58.J2:11
				I_SldO3CloseSw	A60.J1:21
				I_SldO3LimiOutSw	A60.J2:9
				I_SldO3OpenSw	A60.J1:20
				I_SldO3PBrakeSw	A60.J2:6
				I_SldO3Supply5v	A60.J2:15
A60.J1:7	O_SldO3SealInfSo			I_SldO3LimiOutSw	A60.J2:9
A61.J1:10	O_SldO4SealDefSo			I_BatMonMod61	A61.J1:24
				I_IgnKeySw	A36.JB:2 3.2
				I_SldO4PBrakeSw	A61.J2:6
A61.J1:16	O_Sld4FFMoOpen			I_BatMonMod58	A58.J1:24
				I_BatMonMod59	A59.J1:24
				I_BatMonMod60	A60.J1:24
				I_BatMonMod61	A61.J1:24
				I_FF1r4FrLimSw	A61.J2:8
				I_FF1r4RrLimSw	A61.J2:9

# 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	Page	Connected devices	Input involved		
A61.J1:16	O_Sld4FFMoOpen			I_IgnKeySw	A36.JB:2	3.2
				I_Sld4PosFFMoFr	A61.J2:11	
				I_Sld4PosFFMoRr	A61.J2:12	
				I_SldO1LimiOutSw	A58.J2:9	
				I_SldO1PBrakeSw	A58.J2:6	
				I_SldO1VacPrSe	A58.J2:11	
				I_SldO2LimiOutSw	A59.J2:9	
				I_SldO2PBrakeSw	A59.J2:6	
				I_SldO3LimiOutSw	A60.J2:9	
				I_SldO3PBrakeSw	A60.J2:6	
				I_SldO4CloseSw	A61.J1:21	
				I_SldO4OpenSw	A61.J1:20	
				I_SldO4PBrakeSw	A61.J2:6	
				A61.J1:19	O_Sld4FFMoClose	
I_BatMonMod59	A59.J1:24					
I_BatMonMod60	A60.J1:24					
I_BatMonMod61	A61.J1:24					
I_FF1r4FrLimSw	A61.J2:8					
I_FF1r4RrLimSw	A61.J2:9					
I_IgnKeySw	A36.JB:2	3.2				
I_Sld4PosFFMoFr	A61.J2:11					
I_Sld4PosFFMoRr	A61.J2:12					
I_SldO1LimiOutSw	A58.J2:9					
I_SldO1PBrakeSw	A58.J2:6					
I_SldO1VacPrSe	A58.J2:11					
I_SldO2LimiOutSw	A59.J2:9					
I_SldO2PBrakeSw	A59.J2:6					
I_SldO3LimiOutSw	A60.J2:9					
I_SldO3PBrakeSw	A60.J2:6					
I_SldO4CloseSw	A61.J1:21					
I_SldO4OpenSw	A61.J1:20					
I_SldO4PBrakeSw	A61.J2:6					
A61.J1:4	O_SldO4RemoteLed			I_BatMonMod61	A61.J1:24	
				I_FF1r4FrLimSw	A61.J2:8	
				I_FF1r4RrLimSw	A61.J2:9	
				I_IgnKeySw	A36.JB:2	3.2
				I_Sld4PosFFMoFr	A61.J2:11	
				I_Sld4PosFFMoRr	A61.J2:12	
				I_SldO1VacPrSe	A58.J2:11	
				I_SldO4CloseSw	A61.J1:21	
				I_SldO4OpenSw	A61.J1:20	
I_SldO4PBrakeSw	A61.J2:6					
A61.J1:7	O_SldO4SealInfSo			I_BatMonMod61	A61.J1:24	

