

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_TstModHvac	.	
					B_TstModSAC	.	
A36.JA:10	O_DiffLockTT		10.1	A14A.C:11	I_DiffLockSw	A43.J1:9	23.1
					I_IgnKeySw	A36.JB:2	3.2
A36.JA:12	O_ClusterEsc		10.1	Res34:1, A14A.A:5	D_Stw_Sw17	.	
					I_BlinkSw	A43.J1:20	26.1
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_ParkBrSe	A36.JB:9	12.1
A36.JA:13	O_EngineRun	Engine Run Signal	3.2	A15:6	B_EngineRun	.	
					B_OneAltCharging	.	
					D_OnOffDrvSw	.	
					I_AccKeySw	A36.JB:6	3.2
					I_BatMonMod54	A54.J1:24	6.1
					I_FrStrtEnSw	A52.J1:9	3.2
					I_IgnKeySw	A36.JB:2	3.2
					I_RrStrtEnSw	A52.J1:10	
A36.JA:14	O_ClusterSelect		10.1	Res33:1, A14A.A:4	D_Stw_Sw16	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_HiBeamCallSw	A43.J1:3	26.1
					I_ParkBrSe	A36.JB:9	12.1
A36.JA:15	O_WakeUp	WakeUp Relay	3.3		I_AccKeySw	A36.JB:6	3.2
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_FrStrtEnSw	A52.J1:9	3.2
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
A36.JA:16	O_ClusterUp		10.1	Res35:1, A14A.A:6	D_Stw_Sw18	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_ParkBrSe	A36.JB:9	12.1
					I_RHFfshSw	A48.J1:12	26.1
A36.JA:17	O_CutOutRel	Emergency CutOut Relay	3.2		I_FireExt2ndAlm	A44.J1:10	
					I_IgnKeySw	A36.JB:2	3.2
A36.JA:18	O_ClusterDown		10.1	Res36:1, A14A.A:7	D_Stw_Sw19	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_LHFfshSw	A45.J1:9	26.1
					I_ParkBrSe	A36.JB:9	12.1
A36.JA:24	O_LaneDepMotLef	Lane Departure Motor Left	33.1	Mo60:2	I_IgnKeySw	A36.JB:2	3.2
A36.JA:25	O_LaneDepMotRht	Lane Departure Motor Right	33.1	Mo61:2	I_IgnKeySw	A36.JB:2	3.2
A36.JA:6	O_DrUnlockRly	Luggages doors unlocks relays	24.2		I_KeylessLuggUnl	A41.J1:18	29.1
					I_LugDorULkSw	A41.J1:20	24.2
A36.JA:7	O_DrLockRly	Luggages doors locks relays	24.2		I_AccKeySw	A36.JB:6	3.2

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A36.JA:7	O_DrLockRly	Luggages doors locks relays	24.2		I_EntDrUnlockSw	A41.J1:8	29.1
					I_FrStrtEnSw	A52.J1:9	3.2
					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	24.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
A41.J1:11	O_ConvWakeUp	Converter wake up signal	21.1	CC2:1, FREE:FREE, CC2:1	I_AccKeySw	A36.JB:6	3.2
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_FrStrtEnSw	A52.J1:9	3.2
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
					A41.J1:12	O_DoorUnlockMo	Entrance door unlock motor
I_EntDorLockSw	A41.J1:9	29.1					
I_EntDorOpSe	A41.J1:5	29.1					
I_EntDrUnlockSw	A41.J1:8	29.1					
I_FrStrtEnSw	A52.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_KeylessLockAll	A41.J1:19	29.1					
I_RrCutOutSw	A36.JB:21	3.2					
I_RrStrtEnSw	A52.J1:10						
I_WakeUp	A36.JB:5	9.1					
A41.J1:13	O_EntDorUpperPen	Entrance Door Upper Pen	29.1	So3:2			
A41.J1:14	O_DoorLockMo	Entrance door lock motor	29.1	RLock:86	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_FrStrtEnSw	A52.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_KeylessLockAll	A41.J1:19	29.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
					A41.J1:15	O_ConvParkBrk	Converter park brake signal

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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_FrStrtEnSw	A52.J1:9	3.2
					I_HazardSw	A36.JB:4	26.1
					I_HornSw	A41.J1:3	9.1
					I_IgnKeySw	A36.JB:2	3.2
					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	24.2
					I_LugDorULkSw	A41.J1:20	24.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
A41.J1:30	O_ConvrNeutral	Converter neutral signal	21.1	CC2:3, FREE:FREE, CC2:3	I_NeutralSe	A50.J1:11	15.1
A42.J1:11	O_ConvIgnition	Converter ignition signal	21.1	CC2:5, FREE:FREE, CC2:5	I_IgnKeySw	A36.JB:2	3.2
A42.J1:12	O_ConvEngRun	Converter engine run signal	21.1	CC2:6, FREE:FREE, CC2:6	B_EngineRun	.	
					B_OneAltCharging	.	
A42.J1:13	O_SlideRrLeftIn	slide out rear left in	21.1	CC2:9	I_SldO2LimitInSe	A57.J1:11	20.1
A42.J1:14	O_SlideFrRightIn	slide out front right in	21.1	CC2:7, FREE:FREE, CC2:7	I_SldO4LimitInSe	A59.J1:11	
A42.J1:16	O_SlideRrRightIn	slide out rear right in	21.1	CC2:8, FREE:FREE, CC2:8	I_SldO3LimitInSe	A58.J1:11	
A43.J1:11	O_SlideFrLeftIn	slide out front left in	21.1	CC2:10	I_SldO1LimitInSe	A56.J1:11	20.1
A43.J1:12	O_CruCtrlSet	Cruise Control Set Volvo	32.1	A81A.JA:1	D_Stw_Sw7	.	
					D_Stw_Sw8	.	
					I_LwWiplntSw	A42.J1:8	31.1
					I_LwWshSw	A46.J1:9	31.1
A43.J1:13	O_HornSol	Electric Horn	9.1		I_AccKeySw	A36.JB:6	3.2
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
					I_FrStrtEnSw	A52.J1:9	3.2
					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					

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A43.J1:13	O_HornSol	Electric Horn	9.1		I_KeylessIntru	A41.J1:7	29.1
					I_KeylessLockAll	A41.J1:19	29.1
					I_KeylessLuggUnl	A41.J1:18	29.1
					I_KeylessPanic	A41.J1:6	29.1
					I_LugDorLkSw	A41.J1:17	24.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
A43.J1:14	O_CruCtrlRsm	Cruise Control Resume Volvo	32.1	A81A.JA:2	D_Stw_Sw7	.	
					D_Stw_Sw8	.	
					I_LwWipIntSw	A42.J1:8	31.1
					I_LwWshSw	A46.J1:9	31.1
A43.J1:15	O_Alt	Alternator	10.1	A14A.C:7	B_EngineRun	.	
					B_OneAltCharging	.	
					D_IndexByte	.	
					I_Alt1Voltage	A49.J1:8	3.2
					I_BatMonMod47	A47.J1:24	6.1
					I_BatMonMod51	A51.J1:24	
					I_IgnKeySw	A36.JB:2	3.2
					I_ParkBrSe	A36.JB:9	12.1
A43.J1:16	O_BrkRedCompat	Brake Redundant Compatible	32.1	A81A.JA:5	D_Stw_Sw9	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	
					I_IgnKeySw	A36.JB:2	3.2
					I_LwWipIntSw	A42.J1:8	31.1
					I_LwWshSw	A46.J1:9	31.1
					I_RetdrSig	A50.J1:12	15.1
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_BackUpMon	Backup Monitor Signal			I_BackUpCamSw	A55.J1:17	
A44.J1:4	O_LHFogLb2	Left Hand Fog Light Bulb			B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BatMonMod45	A45.J1:24	6.1
					I_FogLightSw	A55.J1:6	26.3
I_HdLtHiLowBmSw	A43.J1:8	26.1					

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A44.J1:4	O_LHFogLb2	Left Hand Fog Light Bulb			I_HdLtPos2SwLH	A45.J1:12	26.1
A44.J1:6	O_KeylessPwr		29.1	A31.A:25	I_IgnKeySw	A36.JB:2	3.2
					I_LugDorLkSw	A41.J1:17	24.2
A44.J1:7	O_DashBackLit	Dash BackLighting	19.1		I_HdLtPos1Sw	A43.J1:4	26.1
A44.J1:8	O_FrClearLb	Front Clearance Lights Bulb	26.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26.1
					I_FogLightSw	A55.J1:6	26.3
					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	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
					I_FrStrtEnSw	A52.J1:9	3.2
					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
					I_KeylessLuggUnl	A41.J1:18	29.1
					I_KeylessPanic	A41.J1:6	29.1
					I_LugDorLkSw	A41.J1:17	24.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
A45.J1:21	O_LHFrMkrLb	Left Hand Front Markers Light Bulb	26.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	

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A45.J1:21	O_LHFrMkrLb	Left Hand Front Markers Light Bulb	26.1		I_BlinkSw	A43.J1:20	26.1
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_FogLightSw	A55.J1:6	26.3
					I_FrStrtEnSw	A52.J1:9	3.2
					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
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
A45.J1:3	O_LeftFrFlshPH		26.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_LHFlshSw	A45.J1:9	26.1
					I_LHFlshSwRrSig	A51.J1:9	26.2
I_RHFlshSwRrSig	A51.J1:12	26.2					
A45.J1:4	O_LHFogLb1	Left Hand Fog Light Bulb	26.3	L95:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BatMonMod45	A45.J1:24	6.1
					I_FogLightSw	A55.J1:6	26.3
					I_HdLTHiLowBmSw	A43.J1:8	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A45.J1:5	O_LHCornerLb	Left Hand Cornering Light Bulb	26.3	L97.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_CorneringLtSw	A55.J1:8	26.3
					I_DockingLtSw	A55.J1:7	26.3
					I_LHFlshSw	A45.J1:9	26.1
					I_LowDockLtsSw	A55.J1:9	26.3
A45.J1:6	O_LHHiBmLb	Left Hand Hi Beam Light Bulb	26.1	L58.B:1, L60.B:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BatMonMod45	A45.J1:24	6.1

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A45.J1:6	O_LHHiBmLb	Left Hand Hi Beam Light Bulb	26.1	L58.B:1, L60.B:1	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	L58.A:1, L60.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BatMonMod45	A45.J1:24	6.1
					I_HdLtHiLowBmSw	A43.J1:8	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A45.J1:8	O_LHFrSidFlshLb				B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_LHFlshSw	A45.J1:9	26.1
					I_LHFlshSwRrSig	A51.J1:9	26.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
A46.J1:1	O_AuxFanSpeed	Auxiliary fan speed control			B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					D_AuxFanSpdBit0	.	
					D_AuxFanSpdBit1	.	
					D_AuxFanSpdBit2	.	
					D_AuxFnOnOffSw	.	
					I_BatMonMod46	A46.J1:24	6.1
					I_IgnKeySw	A36.JB:2	3.2
A46.J1:2	O_UpWiperMot	Upper Wiper Motor			B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_UpWipIntSw	A55.J1:20	
					I_UpWipSw	A55.J1:21	
					I_UpWshSw	A55.J1:18	
A46.J1:20	O_UdrFlrLb	Under Floor Light Bulb	25.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_AccKeySw	A36.JB:6	3.2
					I_IgnKeySw	A36.JB:2	3.2
A46.J1:21	O_HeadLmpWshM		31.1		I_HeadLmpWshSw	A55.J1:19	31.1
A46.J1:3	O_LwWshPmp	Lower Wiper Washer Pump	31.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_LwWshSw	A46.J1:9	31.1
A46.J1:4	O_UpWshPmp	Upper Wiper Washer Pump			B_BatterySaver	.	

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A46.J1:4	O_UpWshPmp	Upper Wiper Washer Pump			B_EngineRun	.	
					B_OneAltCharging	.	
					I_UpWshSw	A55.J1:18	
A46.J1:5	O_DrvRfgSol	Driver refrigerent solenoid	18.1	D2.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_OnOffDrvSw	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_AcPresLoSse	A52.J1:14	18.2
A46.J1:6	O_DrvHeatSol	Driver Heat Solenoid	18.1	So8:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_AuxFanSpdBit0	.	
					D_AuxFanSpdBit1	.	
					D_AuxFanSpdBit2	.	
					D_DriverSetPts	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_HvacPump	.	
					D_OnOffDrvSw	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod46	A46.J1:24	6.1
					I_BatMonMod54	A54.J1:24	6.1
					I_DefrostHighSw	A47.J1:10	
					I_DefrostLowSw	A47.J1:12	18.1
					I_DrvTempSe	A55.J1:1	18.1
					I_FireExt1stAl	A36.JB:23	35.1

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		
A46.J1:6	O_DrvHeatSol	Driver Heat Solenoid	18.1	So8:1	I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
A46.J1:8	O_AuxSolValve	Auxiliary refrigerant solenoid valve			B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModSAC	.	
					D_AuxFnOnOffSw	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_AcPresLoSse	A52.J1:14	18.2
A47.J1:1	O_DrvDefFanMo	Driver Defroster Fan Motor	18.1	A24.B:B	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffDrvSw	.	
					I_IgnKeySw	A36.JB:2	3.2
A47.J1:2	O_DrvRecTrap	Driver Recycle Trap	18.1	L203:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_RecSw	.	
A47.J1:20	O_AuxWaterPump	Auxiliary water pump	18.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_AuxFanSpdBit0	.	
					D_AuxFanSpdBit1	.	
					D_AuxFanSpdBit2	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_HvacPump	.	
					D_OnOffDrvSw	.	
					D_StopTestMode	.	
					I_DefrostHighSw	A47.J1:10	
					I_DefrostLowSw	A47.J1:12	18.1
					I_IgnKeySw	A36.JB:2	3.2
A47.J1:3	O_LwWipSpd1	Lower Wiper Speed 1	31.1	R23:86	B_BatterySaver	.	

MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A47.J1:3	O_LwWipSpd1	Lower Wiper Speed 1	31.1	R23:86	B_EngineRun	.	
					B_OneAltCharging	.	
					I_LwWipIntSw	A42.J1:8	31.1
					I_LwWshSw	A46.J1:9	31.1
A47.J1:5	O_EntDorStpLb	Entrance Door Step Light Bulb	29.1	L18.A:1	I_AccKeySw	A36.JB:6	3.2
					I_EntDorOpSe	A41.J1:5	29.1
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_FrStrtEnSw	A52.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_KeylessLuggUnl	A41.J1:18	29.1
					I_LugDorLkSw	A41.J1:17	24.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
A47.J1:6	O_DriverLtLb	Driver Light Bulb	19.1	L16:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					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	.	
					B_OneAltCharging	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffDrvSw	.	
					I_DefrostHighSw	A47.J1:10	
					I_DefrostLowSw	A47.J1:12	18.1
					I_IgnKeySw	A36.JB:2	3.2
A47.J1:8	O_EntDorLtLb	Entrance Door Light Bulb	29.1	L17:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_DrvLtSw	A41.J1:2	19.1
					I_EntDorOpSe	A41.J1:5	29.1
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_FrStrtEnSw	A52.J1:9	3.2
					I_HazardSw	A36.JB:4	26.1
					I_KeylessDrUnl	A41.J1:4	29.1
					I_KeylessLuggUnl	A41.J1:18	29.1
					I_LugDorLkSw	A41.J1:17	24.2
					I_RrCutOutSw	A36.JB:21	3.2

MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A47.J1:8	O_EntDorLtLb	Entrance Door Light Bulb	29.1	L17:1	I_RrStrtEnSw	A52.J1:10	
					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_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_LHFfshSwRrSig	A51.J1:9	26.2
					I_RHFfshSw	A48.J1:12	26.1
					I_RHFfshSwRrSig	A51.J1:12	26.2
A48.J1:21	O_RHFrMrkLb	Right Hand Front Markers Light Bulb	26.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26.1
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_FogLightSw	A55.J1:6	26.3
					I_FrStrtEnSw	A52.J1:9	3.2
					I_HazardSw	A36.JB:4	26.1
					I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
					I_KeylessDrUnl	A41.J1:4	29.1
					I_KeylessIntru	A41.J1:7	29.1
					I_KeylessPanic	A41.J1:6	29.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
A48.J1:3	O_RHHiBeamLb	Right Hand Hi Beam Light Bulb	26.1	L57.B:1, L59.B:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BatMonMod48	A48.J1:24	6.1
					I_HdLTHiLowBmSw	A43.J1:8	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A48.J1:4	O_RHLwBeamLb	Right Hand Low Beam Light Bulb	26.1	L57.A:B, L59.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BatMonMod48	A48.J1:24	6.1
					I_HdLTHiLowBmSw	A43.J1:8	26.1
					I_HdLtPos2SwRH	A48.J1:10	
A48.J1:5	O_RHCornerLb	Right Hand Cornering Light Bulb	26.3	L98.A:1	B_BatterySaver	.	
					B_EngineRun	.	

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A48.J1:5	O_RHCornerLb	Right Hand Cornering Light Bulb	26.3	L98.A:1	B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_CorneringLtSw	A55.J1:8	26.3
					I_DockingLtSw	A55.J1:7	26.3
					I_LowDockLtsSw	A55.J1:9	26.3
					I_RHFlshSw	A48.J1:12	26.1
A48.J1:6	O_RightFrFlshPH		26.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_LHFlshSwRrSig	A51.J1:9	26.2
					I_RHFlshSw	A48.J1:12	26.1
					I_RHFlshSwRrSig	A51.J1:12	26.2
A48.J1:7	O_RHFogLb2	Right Hand Fog Light			B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BatMonMod48	A48.J1:24	6.1
					I_FogLightSw	A55.J1:6	26.3
					I_HdLtHiLowBmSw	A43.J1:8	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A48.J1:8	O_RHFogLb1	Right Hand Fog Light	26.3	L96:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BatMonMod48	A48.J1:24	6.1
					I_FogLightSw	A55.J1:6	26.3
					I_HdLtHiLowBmSw	A43.J1:8	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A49.J1:14	O_RetardEna	Retarder Enable	12.1		D_Stw_Sw2	.	
					D_Stw_Sw3	.	
					D_Stw_Sw5	.	
					I_RetarderSel	A55.J1:10	12.1
A49.J1:15	O_AltChrCtr	Alternator Charge Control	3.2		B_EngineRun	.	
					B_OneAltCharging	.	
					I_BatMonMod47	A47.J1:24	6.1
					I_BatMonMod51	A51.J1:24	
					I_IgnKeySw	A36.JB:2	3.2
A50.J1:1	O_BackUpCam	Back up camera			I_BackUpCamSw	A55.J1:17	
A50.J1:2	O_TransInhibit	Transmission Inhibit	15.1	A1:1	I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	
					I_SldO1LimitInSe	A56.J1:11	20.1

MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A50.J1:2	O_TransInhibit	Transmission Inhibit	15.1	A1:1	I_SldO2LimitInSe	A57.J1:11	20.1
					I_SldO3LimitInSe	A58.J1:11	
					I_SldO4LimitInSe	A59.J1:11	
A50.J1:20	O_RevLbBuz	Reverse Alarm and Light Bulb	26.3		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestSwBuz2	.	
					B_TestSwBuzzer	.	
					B_TstModExtLight	.	
					B_TstModHvac	.	
					B_TstModHvacNext	.	
					B_TstModSAC	.	
					B_TstModSACNext	.	
					B_TstSwBuz3	.	
					I_RrStrtEnSw	A52.J1:10	
A50.J1:21	O_BrLtUpperLb				B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	
A50.J1:3	O_RevAlarm	Back up alarm	26.3	L187:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestSwBuz2	.	
					B_TestSwBuzzer	.	
					B_TstModExtLight	.	
					B_TstModHvac	.	
					B_TstModHvacNext	.	
					B_TstModSAC	.	
					B_TstModSACNext	.	
					B_TstSwBuz3	.	
					D_NextWheel	.	
					I_RevAlarmSw	A43.J1:6	26.3
					I_RrStrtEnSw	A52.J1:10	
A50.J1:4	O_ReClearLb	Rear Clearance Light Bulb	26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26.1
					I_FogLightSw	A55.J1:6	26.3
					I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A50.J1:5	O_LHctrFlshLb	Water Filter Indicator Warning	26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_LHFlshSwRrSig	A51.J1:9	26.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
A50.J1:6	O_BrLTLowerLed		26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	
					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		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_LHFlshSwRrSig	A51.J1:9	26.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
A50.J1:8	O_CtrSdMrkLb	Tag Axle Warning Indicator	26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	26.1
					I_FogLightSw	A55.J1:6	26.3
					I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A51.J1:1	O_SerBrkTrans	Servise Brake Signal For Transmission	15.1	A1:62	I_BrkLtSeFrSig	A36.JB:13	12.1
A51.J1:21	O_LHReFlshLb	Left Hand Rear Flasher Light Bulb	26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					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_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A51.J1:3	O_RHReFlshLb	Right Hand Rear Flasher Light Bulb	26.2		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_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_DockingLtSw	A55.J1:7	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_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_DockingLtSw	A55.J1:7	26.3
					I_LowDockLtsSw	A55.J1:9	26.3
A51.J1:6	O_BrLTUpperLed		26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	
A51.J1:7	O_CyclopeLt	Cyclope Brake Light	26.2	L81.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	
A52.J1:1	O_EngFanSpd1	Engine Fan Radiator Speed 1	13.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_RadFanSpd1	.	
					D_StopTestMode	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
					I_FrStrtEnSw	A52.J1:9	3.2
					I_IgnKeySw	A36.JB:2	3.2
					I_RrStrtEnSw	A52.J1:10	
A52.J1:2	O_EngFanSpd2	Engine Fan Radiator Speed 2	13.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A52.J1:2	O_EngFanSpd2	Engine Fan Radiator Speed 2	13.1		D_RadFanSpd2	.	
					D_StopTestMode	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
					I_IgnKeySw	A36.JB:2	3.2
A52.J1:21	O_AcUnldrH	Hvac Right Hand Cylinder Unloader	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_PassSetPts	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_AcPresLoSse	A52.J1:14	18.2
A52.J1:3	O_RJBDofanMo	Rear junction box door fan	11.1	Mo53:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
					I_IgnKeySw	A36.JB:2	3.2
					I_RJBLtSw	A49.J1:17	
A52.J1:4	O_DiffLockSol	Differential lock solenoid	23.1	Shrk150	I_DiffLockSw	A43.J1:9	23.1
A52.J1:5	O_EngCmptLb	Engine Compartment Light Bulb	25.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_EngDoorSe	A52.J1:12	25.1
A52.J1:6	O_StarterRel	Starter Relay	3.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					I_AccKeySw	A36.JB:6	3.2
					I_EntDrUnlockSw	A41.J1:8	29.1
					I_FrStrtEnSw	A52.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

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.J1:6	O_StarterRel	Starter Relay	3.2		I_NeutralSe	A50.J1:11	15.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	
					I_WakeUp	A36.JB:5	9.1
A54.J1:1	O_CndSpd2Rel	Condensor Fan Speed 2 Relay	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_DriverSetPts	.	
					D_OnOffDrvSw	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_AcPresHiSse	A52.J1:13	18.2
					I_AcPresLoSse	A52.J1:14	18.2
					I_CoilTherSe	A47.J1:11	18.1
					I_DrvTempSe	A55.J1:1	18.1
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
A54.J1:2	O_EvaSpd2Pilot	Evaporator Fan Speed 2	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					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_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
					I_IgnKeySw	A36.JB:2	3.2
					I_SwitchOption	A42.J1:20	18.2
					I_SwitchOption2	A42.J1:21	18.2
A54.J1:20	O_ACRecPass	A/C Pass. Gaz Cylinder Recycle	18.2	L205.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					B_TstModSAC	.	

MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A54.J1:20	O_ACRecPass	A/C Pass. Gaz Cylinder Recycle	18.2	L205.A:1	D_RecSw	.	
A54.J1:3	O_PasRfgSol	Passenger Refrigerent Solenoid	18.2	D11.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_DriverSetPts	.	
					D_OnOffDrvSw	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	6.1
					I_CoilTherSe	A47.J1:11	18.1
					I_DrvTempSe	A55.J1:1	18.1
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
A54.J1:4	O_ACWaterPmp	Hvac Water Pump	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_HvacPump	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					D_StopTestMode	.	
					I_BatMonMod54	A54.J1:24	6.1
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
					I_IgnKeySw	A36.JB:2	3.2
A54.J1:5	O_CndSpd1Rel	Condensor Fan Speed 1 Relay	18.2	R10.A:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	

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.J1:5	O_CndSpd1Rel	Condensor Fan Speed 1 Relay	18.2	R10.A:2	D_AmbTempMSB	.	
					D_DriverSetPts	.	
					D_OnOffDrvSw	.	
					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	18.1
					I_DrvTempSe	A55.J1:1	18.1
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
A54.J1:7	O_EvaSpd1Rel	Evaporator Fan Speed 1 Relay	18.2	R12.A:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					I_BatMonMod54	A54.J1:24	6.1
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
A54.J1:8	O_PasHeatSol	Passenger Heat Solenoid Valve	18.2	So13.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_AuxFanSpdBit0	.	
					D_AuxFanSpdBit1	.	
					D_AuxFanSpdBit2	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_HvacPump	.	
					D_OnOffDrvSw	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	6.1
					I_DefrostHighSw	A47.J1:10	

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A54.J1:8	O_PasHeatSol	Passenger Heat Solenoid Valve	18.2	So13.A:1	I_DefrostLowSw	A47.J1:12	18.1
					I_FireExt1stAl	A36.JB:23	35.1
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A41.J1:10	9.1
A55.J1:11	O_SunVisorDrv	Sun Visor Driver	32.1	R43:86	D_Stw_Sw10	.	
					D_Stw_Sw4	.	
A55.J1:12	O_JacobBrk1	Jacob Brake 1	32.1		D_Stw_Sw2	.	
					D_Stw_Sw3	.	
					D_Stw_Sw5	.	
					I_RetarderSel	A55.J1:10	12.1
A55.J1:13	O_SunVisorPass	Sun Visor Driver	32.1	R42:86	D_Stw_Sw10	.	
					D_Stw_Sw4	.	
A55.J1:14	O_JacobBrk2	Jacob Brake 2	32.1		D_Stw_Sw2	.	
					D_Stw_Sw3	.	
					D_Stw_Sw5	.	
					I_RetarderSel	A55.J1:10	12.1
A55.J1:15	O_ACCTimeGapInc		14.1	A81A.JA:17	D_Stw_Sw7	.	
					D_Stw_Sw8	.	
A55.J1:16	O_ACCTimeGapDec		14.1	A81A.JB:7	D_Stw_Sw7	.	
					D_Stw_Sw8	.	
A55.J1:30	O_SunVUpDw		32.1	R41:86	D_Stw_Sw10	.	
					D_Stw_Sw4	.	
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	
					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	
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	
					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	
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	
					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	

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A56.J1:21	O_SldO1SecuPinSo	Slide-Out 1 Security Pins	20.1		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	
					I_SldO3PBrakeSw	A58.J1:12	
					I_SldO4LimitInSe	A59.J1:11	
					I_SldO4PBrakeSw	A59.J1:12	
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	
					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	
A56.J1:4	O_SldO1SealInfSo	Slide_Out 1 Seal Inflating Valve	20.1	SoSo5.A:1	I_SldO1CloseSw	A56.J1:10	
					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.A:1	I_BatMonMod56	A56.J1:24	6.1
					I_SldO1CloseSw	A56.J1:10	
					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	
					I_BatMonMod59	A59.J1:24	
					I_SldO1CloseSw	A56.J1:10	
					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	
					I_SldO2LimiOutSw	A57.J1:14	20.1
					I_SldO2LimitInSe	A57.J1:11	20.1
					I_SldO2OpenSw	A57.J1:9	20.1
					I_SldO2PBrakeSw	A57.J1:12	20.1
					I_SldO3CloseSw	A58.J1:10	
					I_SldO3LimiOutSw	A58.J1:14	
					I_SldO3LimitInSe	A58.J1:11	

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A56.J1:6	O_SldO1VaccGenSo	Slide_Out 1 Seal Vaccum Generator	20.1	SoSo2:1	I_SldO3OpenSw	A58.J1:9	
					I_SldO3PBrakeSw	A58.J1:12	
					I_SldO4CloseSw	A59.J1:10	
					I_SldO4LimiOutSw	A59.J1:14	
					I_SldO4LimitInSe	A59.J1:11	
					I_SldO4OpenSw	A59.J1:9	
					I_SldO4PBrakeSw	A59.J1:12	
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	
					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	
A57.J1:1	O_SldO2MoSpeedA	Slide-Out 2 Motor Speed Control A	20.1		I_BatMonMod57	A57.J1:24	6.1
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	20.1
					I_SldO2LimitInSe	A57.J1:11	20.1
					I_SldO2OpenSw	A57.J1:9	20.1
					I_SldO2PBrakeSw	A57.J1:12	20.1
A57.J1:2	O_SldO2MoSpeedB	Slide-Out 2 Motor Speed Control B	20.1		I_BatMonMod57	A57.J1:24	6.1
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	20.1
					I_SldO2LimitInSe	A57.J1:11	20.1
					I_SldO2OpenSw	A57.J1:9	20.1
					I_SldO2PBrakeSw	A57.J1:12	20.1
A57.J1:20	O_SldO2Motpos	Slide_Out 2 Motor +	20.1	RSO3.B:1	I_BatMonMod57	A57.J1:24	6.1
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	20.1
					I_SldO2LimitInSe	A57.J1:11	20.1
					I_SldO2OpenSw	A57.J1:9	20.1
					I_SldO2PBrakeSw	A57.J1:12	20.1
A57.J1:3	O_SldO2RemoteLed	Slide_Out 2 Remote Led	20.1	SwSo2.A:2	I_BatMonMod57	A57.J1:24	6.1
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	20.1
					I_SldO2LimitInSe	A57.J1:11	20.1
					I_SldO2OpenSw	A57.J1:9	20.1
					I_SldO2PBrakeSw	A57.J1:12	20.1
					I_SldO2Supply5v	A57.J1:15	20.1

MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A57.J1:4	O_SldO2SealInfSo	Slide_Out 2 Seal Inflating Valve	20.1		I_SldO2CloseSw	A57.J1:10	
					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	
					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	
					I_SldO2CloseSw	A57.J1:10	
					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				I_BatMonMod58	A58.J1:24	
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO3CloseSw	A58.J1:10	
					I_SldO3LimiOutSw	A58.J1:14	
					I_SldO3LimitInSe	A58.J1:11	
					I_SldO3OpenSw	A58.J1:9	
					I_SldO3PBrakeSw	A58.J1:12	
A58.J1:2	O_SldO3MoSpeedB				I_BatMonMod58	A58.J1:24	
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO3CloseSw	A58.J1:10	
					I_SldO3LimiOutSw	A58.J1:14	
					I_SldO3LimitInSe	A58.J1:11	
					I_SldO3OpenSw	A58.J1:9	
					I_SldO3PBrakeSw	A58.J1:12	
A58.J1:20	O_SldO3Motpos				I_BatMonMod58	A58.J1:24	
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO3CloseSw	A58.J1:10	
					I_SldO3LimiOutSw	A58.J1:14	
					I_SldO3LimitInSe	A58.J1:11	
					I_SldO3OpenSw	A58.J1:9	
					I_SldO3PBrakeSw	A58.J1:12	
A58.J1:3	O_SldO3RemoteLed				I_BatMonMod58	A58.J1:24	
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO3CloseSw	A58.J1:10	
					I_SldO3LimiOutSw	A58.J1:14	
					I_SldO3LimitInSe	A58.J1:11	

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	
A58.J1:3	O_SldO3RemoteLed			I_SldO3OpenSw	A58.J1:9
				I_SldO3PBrakeSw	A58.J1:12
				I_SldO3Supply5v	A58.J1:15
A58.J1:4	O_SldO3SeallnfSo			I_SldO3CloseSw	A58.J1:10
				I_SldO3LimiOutSw	A58.J1:14
				I_SldO3LimitInSe	A58.J1:11
				I_SldO3OpenSw	A58.J1:9
A58.J1:5	O_SldO3SealDefSo			I_BatMonMod58	A58.J1:24
				I_SldO3CloseSw	A58.J1:10
				I_SldO3LimiOutSw	A58.J1:14
				I_SldO3LimitInSe	A58.J1:11
				I_SldO3OpenSw	A58.J1:9
A58.J1:7	O_SldO3Motneg			I_BatMonMod58	A58.J1:24
				I_SldO1VacPrSe	A56.J1:13
				I_SldO3CloseSw	A58.J1:10
				I_SldO3LimiOutSw	A58.J1:14
				I_SldO3LimitInSe	A58.J1:11
				I_SldO3OpenSw	A58.J1:9
A59.J1:1	O_SldO4MoSpeedA			I_SldO3PBrakeSw	A58.J1:12
				I_BatMonMod59	A59.J1:24
				I_SldO1VacPrSe	A56.J1:13
				I_SldO4CloseSw	A59.J1:10
				I_SldO4LimiOutSw	A59.J1:14
				I_SldO4LimitInSe	A59.J1:11
				I_SldO4OpenSw	A59.J1:9
A59.J1:2	O_SldO4MoSpeedB			I_SldO4PBrakeSw	A59.J1:12
				I_BatMonMod59	A59.J1:24
				I_SldO1VacPrSe	A56.J1:13
				I_SldO4CloseSw	A59.J1:10
				I_SldO4LimiOutSw	A59.J1:14
				I_SldO4LimitInSe	A59.J1:11
A59.J1:20	O_SldO4MotPos			I_SldO4OpenSw	A59.J1:9
				I_SldO4PBrakeSw	A59.J1:12
				I_BatMonMod59	A59.J1:24
				I_SldO1VacPrSe	A56.J1:13
				I_SldO4CloseSw	A59.J1:10
				I_SldO4LimiOutSw	A59.J1:14
A59.J1:3	O_SldO4RemoteLed			I_SldO4LimitInSe	A59.J1:11
				I_SldO4OpenSw	A59.J1:9
				I_SldO4PBrakeSw	A59.J1:12
				I_BatMonMod59	A59.J1:24
				I_SldO1VacPrSe	A56.J1:13

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.J1:3	O_SldO4RemoteLed				I_SldO4CloseSw	A59.J1:10
					I_SldO4LimiOutSw	A59.J1:14
					I_SldO4LimitInSe	A59.J1:11
					I_SldO4OpenSw	A59.J1:9
					I_SldO4PBrakeSw	A59.J1:12
					I_SldO4Supply5v	A59.J1:15
A59.J1:4	O_SldO4SealInfSo				I_SldO4CloseSw	A59.J1:10
					I_SldO4LimiOutSw	A59.J1:14
					I_SldO4LimitInSe	A59.J1:11
					I_SldO4OpenSw	A59.J1:9
A59.J1:5	O_SldO4SealDefSo				I_BatMonMod59	A59.J1:24
					I_SldO4CloseSw	A59.J1:10
					I_SldO4LimiOutSw	A59.J1:14
					I_SldO4LimitInSe	A59.J1:11
					I_SldO4OpenSw	A59.J1:9
					I_SldO4PBrakeSw	A59.J1:12
A59.J1:7	O_SldO4MotNeg				I_BatMonMod59	A59.J1:24
					I_SldO1VacPrSe	A56.J1:13
					I_SldO4CloseSw	A59.J1:10
					I_SldO4LimiOutSw	A59.J1:14
					I_SldO4LimitInSe	A59.J1:11
					I_SldO4OpenSw	A59.J1:9
					I_SldO4PBrakeSw	A59.J1:12