MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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			A14A.C:11	I_DiffLockSw	A43.J1:9		
					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		
					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	3.2	
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		
					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	3.2	
					I_WakeUp	A36.JB:5	38.1	
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_RHFlshSw	A48.J1:12	26.1	
A36.JA:17	O_CutOutRel	Emergency CutOut Relay	3.2		I_FireExt2ndAlm	A44.J1:10	38.1	
					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_LHFlshSw	A45.J1:9	26.1	
					I_ParkBrSe	A36.JB:9	12.1	
A36.JA:24	O_LaneDepMotLef	Lane Departure Motor Left	39.1	Mo60:2	I_IgnKeySw	A36.JB:2	3.2	
A36.JA:25	O_LaneDepMotRht	Lane Departure Motor Right	39.1	Mo61:2	I_IgnKeySw	A36.JB:2	3.2	
A36.JA:6	O_DrUnlockRly	Luggages doors unlocks relays			I_KeylessLuggUnl	A41.J1:18		
					I_LugDorULkSw	A41.J1:20	18.2	
A36.JA:7	O_DrLockRly	Luggages doors locks relays			I_AccKeySw	A36.JB:6	3.2	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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		
A36.JA:7	O_DrLockRly	Luggages doors locks relays			I_EntDrUnlockSw	A41.J1:8	
					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	
					I_LugDorLkSw	A41.J1:17	18.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
A41.J1:11	O_ConvWakeUp	Converter wake up signal	32.1	CC2:1, FREE:FREE, CC2:1	I_AccKeySw	A36.JB:6	3.2
					I_EntDrUnlockSw	A41.J1:8	
					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	3.2
					I_WakeUp	A36.JB:5	38.1
A41.J1:12	O_DoorUnlockMo	Entrance door unlock motor	29.1	R36:86	I_AccKeySw	A36.JB:6	3.2
					I_EntDorLockSw	A41.J1:9	
					I_EntDorOpSe	A41.J1:5	
					I_EntDrUnlockSw	A41.J1:8	
					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	
					I_KeylessLockAll	A41.J1:19	
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
A41.J1:13	O_EntDorUpperPen	Entrance Door Upper Pen	11.1		I_ParkBrSe	A36.JB:9	12.1
A41.J1:14	O_DoorLockMo	Entrance door lock motor	32.1	R37:86	I_AccKeySw	A36.JB:6	3.2
					I_EntDorLockSw	A41.J1:9	
					I_EntDorOpSe	A41.J1:5	
					I_EntDrUnlockSw	A41.J1:8	
					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	
					I_KeylessLockAll	A41.J1:19	
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
A41.J1:15	O_ConvParkBrk	Converter park brake signal	32.1	CC2:4, FREE:FREE, CC2:4	I_ParkBrSe	A36.JB:9	12.1

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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		
A41.J1:16	O_WakeUpA41		32.1	A36.JB:5	I_AccKeySw	A36.JB:6	3.2
					I_DrvLtSw	A41.J1:2	
					I_EntDorLockSw	A41.J1:9	
					I_EntDorOpSe	A41.J1:5	
					I_EntDrUnlockSw	A41.J1:8	
					I_FireSensorA36	A41.J1:10	22.1
					I_FrStrtEnSw	A52.J1:9	3.2
					I_HazardSw	A36.JB:4	26.1
					I_HornSw	A41.J1:3	
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J1:4	
					I_KeylessEntReq	A41.J1:21	
					I_KeylessIntru	A41.J1:7	32.1
					I_KeylessLockAll	A41.J1:19	
					I_KeylessLuggUnl	A41.J1:18	
					I_LugDorLkSw	A41.J1:17	18.1
					I_LugDorULkSw	A41.J1:20	18.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
A41.J1:30	O_ConvrNeutral	Converter neutral signal	32.1	CC2:3, CC2:3, FREE:FREE	I_NeutralSe	A50.J1:11	3.2
A42.J1:11	O_ConvIgnition	Converter ignition signal		CC2:5, FREE:FREE, CC2:5	I_IgnKeySw	A36.JB:2	3.2
A42.J1:12	O_ConvEngRun	Converter engine run signal	32.1	CC2:6, FREE:FREE, CC2:6	B_EngineRun	.	
					B_OneAltCharging	.	
A43.J1:12	O_CruCtrlSet	Cruise Control Set Volvo	41.1	A81A.JA:1	D_Stw_Sw7	.	
					D_Stw_Sw8	.	
					I_LwWipIntSw	A42.J1:8	34.1
					I_LwWshSw	A46.J1:9	34.1
A43.J1:13	O_HornSol	Electric Horn	9.1	L1:2	I_AccKeySw	A36.JB:6	3.2
					I_EntDrUnlockSw	A41.J1:8	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
					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	
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J1:4	
					I_KeylessIntru	A41.J1:7	32.1
					I_KeylessLockAll	A41.J1:19	
					I_KeylessLuggUnl	A41.J1:18	
					I_KeylessPanic	A41.J1:6	32.1

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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		
A43.J1:13	O_HornSol	Electric Horn	9.1	L1:2	I_LugDorLkSw	A41.J1:17	18.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
A43.J1:14	O_CruCtrlRsm	Cruise Control Resume Volvo	41.1	A81A.JA:2	D_Stw_Sw7	.	
					D_Stw_Sw8	.	
					I_LwWipIntSw	A42.J1:8	34.1
					I_LwWshSw	A46.J1:9	34.1
A43.J1:15	O_Alt	Alternator	10.1	A14A.C:7	B_EngineRun	.	
					B_OneAltCharging	.	
					D_BatStaB6_7LSB	.	
					D_BatStaB6_7MSB	.	
					D_I12LSB	.	
					D_I12MSB	.	
					D_I24LSB	.	
					D_I24MSB	.	
					D_IndexByte	.	
					D_V12LSB	.	
					D_V12MSB	.	
					D_V24LSB	.	
					D_V24MSB	.	
					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	41.1	A81A.JA:5	D_Stw_Sw9	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	12.1
					I_IgnKeySw	A36.JB:2	3.2
					I_LwWipIntSw	A42.J1:8	34.1
					I_LwWshSw	A46.J1:9	34.1
					I_RetdrSig	A50.J1:12	12.1
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	28.1	MONITOR:1	I_BackUpCamSw	A55.J1:17	
A44.J1:4	O_LHFogLb2	Left Hand Fog Light Bulb	26.3	L95B:1	B_BatterySaver	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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		
A44.J1:4	O_LHFogLb2	Left Hand Fog Light Bulb	26.3	L95B:1	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
A44.J1:6	O_KeylessPwr			A31.A:25	I_IgnKeySw	A36.JB:2	3.2
					I_LugDorLkSw	A41.J1:17	18.1
A44.J1:7	O_DashBackLit	Dash BackLighting	19.1	Pot1.C: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	
					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	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
					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	
					I_IgnKeySw	A36.JB:2	3.2
					I_KeylessDrUnl	A41.J1:4	
					I_KeylessIntru	A41.J1:7	32.1
					I_KeylessLockAll	A41.J1:19	
					I_KeylessLuggUnl	A41.J1:18	
					I_KeylessPanic	A41.J1:6	32.1
					I_LugDorLkSw	A41.J1:17	18.1
					I_RrCutOutSw	A36.JB:21	3.2

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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		
A45.J1:20	O_HornElectric	Horn Electric	9.1		I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
A45.J1:21	O_LHFrMkrLb	Left Hand Front Markers Light Bulb	26.1	L65:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	
					I_EntDrUnlockSw	A41.J1:8	
					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	
					I_KeylessIntru	A41.J1:7	32.1
					I_KeylessPanic	A41.J1:6	32.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
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	L95A:1	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

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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		
A45.J1:5	O_LHCornerLb	Left Hand Cornering Light Bulb	26.3	L97.A:1	I_LowDockLtsSw	A55.J1:9	
A45.J1:6	O_LHHiBmLb	Left Hand Hi Beam Light Bulb	26.1		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.J1:7	O_LHLwBmLb	Left Hand Low Beam Light Bulb	26.1		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		26.1	L66:1	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
A46.J1:1	O_AuxFanSpeed	Auxiliary fan speed control		A32.A:D	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	34.1	R24:85	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_UpWipIntSw	A55.J1:20	34.1
					I_UpWipSw	A55.J1:21	34.1
					I_UpWshSw	A55.J1:18	34.1
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

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:21	O_HeadLmpWsh		34.1	Mo54:2	I_HeadLmpWshSw	A55.J1:19	34.1
A46.J1:3	O_LwWshPmp	Lower Wiper Washer Pump	34.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_LwWshSw	A46.J1:9	34.1
A46.J1:4	O_UpWshPmp	Upper Wiper Washer Pump	34.1	Mo18:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_UpWshSw	A55.J1:18	34.1
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	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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_BatMonMod46	A46.J1:24	6.1
					I_BatMonMod54	A54.J1:24	6.1
					I_DefrostHighSw	A47.J1:10	29.1
					I_DefrostLowSw	A47.J1:12	29.1
					I_DrvTempSe	A55.J1:1	18.1
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
A46.J1:8	O_AuxSolValve	Auxiliary refrigerant solenoid valve		So38:A	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	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:20	O_AuxWaterPump	Auxiliary water pump	18.1		D_OnOffDrvSw	.	
					D_StopTestMode	.	
					I_DefrostHighSw	A47.J1:10	29.1
					I_DefrostLowSw	A47.J1:12	29.1
					I_IgnKeySw	A36.JB:2	3.2
A47.J1:3	O_LwWipSpd1	Lower Wiper Speed 1	34.1	R23:86	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_LwWipIntSw	A42.J1:8	34.1
					I_LwWshSw	A46.J1:9	34.1
A47.J1:5	O_EntDorStpLb	Entrance Door Step Light Bulb	29.1		I_AccKeySw	A36.JB:6	3.2
					I_EntDorOpSe	A41.J1:5	
					I_EntDrUnlockSw	A41.J1:8	
					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	
					I_KeylessLuggUnl	A41.J1:18	
					I_LugDorLkSw	A41.J1:17	18.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
A47.J1:6	O_DriverLtLb	Driver Light Bulb	29.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_DrvLtSw	A41.J1:2	
A47.J1:7	O_RHDefrostFan	Passenger defrost fan speed control	29.1	A30.A:D	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffDrvSw	.	
					I_DefrostHighSw	A47.J1:10	29.1
					I_DefrostLowSw	A47.J1:12	29.1
					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	
					I_EntDorOpSe	A41.J1:5	
					I_EntDrUnlockSw	A41.J1:8	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:8	O_EntDorLtLb	Entrance Door Light Bulb	29.1	L17:1	I_FrStrtEnSw	A52.J1:9	3.2
					I_HazardSw	A36.JB:4	26.1
					I_KeylessDrUnl	A41.J1:4	
					I_KeylessLuggUnl	A41.J1:18	
					I_LugDorLkSw	A41.J1:17	18.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
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_LHFlshSwRrSig	A51.J1:9	26.2
					I_RHFlshSw	A48.J1:12	26.1
					I_RHFlshSwRrSig	A51.J1:12	26.2
A48.J1:21	O_RHFrMrkLb	Right Hand Front Markers Light Bulb		L63:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	
					I_EntDrUnlockSw	A41.J1:8	
					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	
					I_KeylessIntru	A41.J1:7	32.1
					I_KeylessPanic	A41.J1:6	32.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
A48.J1:3	O_RHHiBeamLb	Right Hand Hi Beam Light Bulb	26.1	L302:C	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	L302:E	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:4	O_RHLwBeamLb	Right Hand Low Beam Light Bulb	26.1	L302:E	B_TstModExtLight	.	
					I_BatMonMod48	A48.J1:24	6.1
					I_HdLtHiLowBmSw	A43.J1:8	26.1
					I_HdLtPos2SwRH	A48.J1:10	26.1
A48.J1:5	O_RHCornerLb	Right Hand Cornering Light Bulb	26.3	L98A.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_LowDockLtsSw	A55.J1:9	
					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	26.1	L96B:1	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	L96A:1	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	.	
					D_I12LSB	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:15	O_AltChrCtr	Alternator Charge Control	3.2		D_I12MSB	.	
					D_I24LSB	.	
					D_I24MSB	.	
					D_V12LSB	.	
					D_V12MSB	.	
					D_V24LSB	.	
					D_V24MSB	.	
					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	36.1		I_BackUpCamSw	A55.J1:17	
A50.J1:2	O_TransInhibit	Transmission Inhibit	15.1		I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	12.1
					I_SldO1LimitInSe	A56.J1:11	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO3LimitInSe	A58.J1:11	
					I_SldO4LimitInSe	A59.J1:11	
A50.J1:20	O_RevLbBuz	Reverse Alarm and Light Bulb	26.2		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	3.2
A50.J1:21	O_BrLtUpperLb		26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	12.1
A50.J1:3	O_RevAlarm	Back up alarm	26.3	L187.A:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestSwBuz2	.	
					B_TestSwBuzzer	.	
					B_TstModExtLight	.	
					B_TstModHvac	.	
					B_TstModHvacNext	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:3	O_RevAlarm	Back up alarm	26.3	L187.A:A	B_TstModSAC	.	
					B_TstModSACNext	.	
					B_TstSwBuz3	.	
					D_NextWheel	.	
					I_RevAlrmSw	A43.J1:6	32.2
					I_RrStrtEnSw	A52.J1:10	3.2
A50.J1:4	O_ReClearLb	Rear Clearance Light Bulb	26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	
					I_FogLightSw	A55.J1:6	26.3
					I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
A50.J1:5	O_LHCtrFlshLb	Water Filter Indicator Warning	26.2	L70.A:1	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	12.1
					I_IgnKeySw	A36.JB:2	3.2
					I_RetdrSig	A50.J1:12	12.1
A50.J1:7	O_RHCtrFlshLb	Wheel Chair Lift Warning Indicator	26.2	L68.A:1	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	
					I_FogLightSw	A55.J1:6	26.3
					I_HdLtPos1Sw	A43.J1:4	26.1

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:8	O_CtrSdMrkLb	Tag Axle Warning Indicator	26.2		I_HdLtPos2SwLH	A45.J1:12	26.1
A51.J1:1	O_SerBrkTrans	Servise Brake Signal For Transmission	15.1	A1_1_101:Service_brk	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
					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	
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	
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	12.1
A51.J1:7	O_CyclopeLt	Cyclope Brake Light	26.2	L81A:in	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_BrkLtSeRrSig	A51.J1:10	12.1
A52.J1:1	O_EngFanSpd1	Engine Fan Radiator Speed 1	13.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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_EngFanSpd1	Engine Fan Radiator Speed 1	13.1		B_TstModHvac	.	
					D_RadFanSpd1	.	
					D_StopTestMode	.	
					I_AcPresHiSSe	A52.J1:13	18.2
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
					I_FrStrtEnSw	A52.J1:9	3.2
					I_IgnKeySw	A36.JB:2	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
A52.J1:2	O_EngFanSpd2	Engine Fan Radiator Speed 2	13.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_RadFanSpd2	.	
					D_StopTestMode	.	
					I_AcPresHiSSe	A52.J1:13	18.2
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
					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		Mo53:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
					I_IgnKeySw	A36.JB:2	3.2
					I_RJBLtSw	A49.J1:17	
A52.J1:4	O_DiffLockSol	Differential lock solenoid	11.1	Shrk150	I_DiffLockSw	A43.J1:9	
A52.J1:5	O_EngCmptLb	Engine Compartiment Light Bulb	25.1		B_BatterySaver	.	
					B_EngineRun	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:5	O_EngCmptLb	Engine Compartiment Light Bulb	25.1		B_OneAltCharging	.	
					I_EngDoorSe	A52.J1:12	
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	
					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	
					I_KeylessIntru	A41.J1:7	32.1
					I_NeutralSe	A50.J1:11	3.2
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WakeUp	A36.JB:5	38.1
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	
					I_DrvTempSe	A55.J1:1	18.1
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
A54.J1:2	O_EvaSpd2Pilot	Evaporator Fan Speed 2	18.2	TermMo9	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:2	O_EvaSpd2Pilot	Evaporator Fan Speed 2	18.2	TermMo9	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	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
					I_IgnKeySw	A36.JB:2	3.2
					I_SwitchOption	A42.J1:20	
					I_SwitchOption2	A42.J1:21	
A54.J1:20	O_ACRecPass	A/C Pass. Gaz Cylinder Recycle	18.2	L205:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					B_TstModSAC	.	
					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	
					I_DrvTempSe	A55.J1:1	18.1
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
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	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:4	O_ACWaterPmp	Hvac Water Pump	18.2		D_OnOffPassSw	.	
					D_PassSetPts	.	
					D_StopTestMode	.	
					I_BatMonMod54	A54.J1:24	6.1
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
					I_IgnKeySw	A36.JB:2	3.2
A54.J1:5	O_CndSpd1Rel	Condensor Fan Speed 1 Relay	18.2	R10:2	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_BatMonMod54	A54.J1:24	6.1
					I_CoilTherSe	A47.J1:11	
					I_DrvTempSe	A55.J1:1	18.1
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
A54.J1:7	O_EvaSpd1Rel	Evaporator Fan Speed 1 Relay	18.2	R12:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					I_BatMonMod54	A54.J1:24	6.1
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
A54.J1:8	O_PasHeatSol	Passenger Heat Solenoid Valve	18.2	So13:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					B_TstModSAC	.	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:8	O_PasHeatSol	Passenger Heat Solenoid Valve	18.2	So13:1	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	29.1
					I_DefrostLowSw	A47.J1:12	29.1
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A41.J1:10	22.1
A55.J1:11	O_SunVisorDrv	Sun Visor Driver	41.1	R43:86	D_Stw_Sw10	.	
					D_Stw_Sw4	.	
A55.J1:12	O_JacobBrk1	Jacob Brake 1	41.1		D_Stw_Sw2	.	
					D_Stw_Sw3	.	
					D_Stw_Sw5	.	
					I_RetarderSel	A55.J1:10	12.1
A55.J1:13	O_SunVisorPass	Sun Visor Driver	41.1	R42:86	D_Stw_Sw10	.	
					D_Stw_Sw4	.	
A55.J1:14	O_JacobBrk2	Jacob Brake 2	41.1		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		41.1	R41:86	D_Stw_Sw10	.	
					D_Stw_Sw4	.	
A56.J1:1	O_SldO1MoSpeedA	Slide-Out 1 Motor Speed Control A			I_BatMonMod56	A56.J1:24	
					I_SldO1CloseSw	A56.J1:10	
					I_SldO1LimiOutSw	A56.J1:14	
					I_SldO1LimitInSe	A56.J1:11	
					I_SldO1OpenSw	A56.J1:9	
					I_SldO1PBrakeSw	A56.J1:12	
					I_SldO1VacPrSe	A56.J1:13	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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		
A56.J1:2	O_SldO1MoSpeedB	Slide-Out 1 Motor Speed Control B			I_BatMonMod56	A56.J1:24	
					I_SldO1CloseSw	A56.J1:10	
					I_SldO1LimiOutSw	A56.J1:14	
					I_SldO1LimitInSe	A56.J1:11	
					I_SldO1OpenSw	A56.J1:9	
					I_SldO1PBrakeSw	A56.J1:12	
					I_SldO1VacPrSe	A56.J1:13	
A56.J1:20	O_SldO1Motpos	Slide_Out 1 Motor +		RSo1.B:1	I_BatMonMod56	A56.J1:24	
					I_SldO1CloseSw	A56.J1:10	
					I_SldO1LimiOutSw	A56.J1:14	
					I_SldO1LimitInSe	A56.J1:11	
					I_SldO1OpenSw	A56.J1:9	
					I_SldO1PBrakeSw	A56.J1:12	
					I_SldO1VacPrSe	A56.J1:13	
A56.J1:21	O_SldO1SecuPinSo	Slide-Out 1 Security Pins		SOSO4:1	I_SldO1LimitInSe	A56.J1:11	
					I_SldO1PBrakeSw	A56.J1:12	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO2PBrakeSw	A57.J1:12	
					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		SwSo1.A:2	I_BatMonMod56	A56.J1:24	
					I_SldO1CloseSw	A56.J1:10	
					I_SldO1LimiOutSw	A56.J1:14	
					I_SldO1LimitInSe	A56.J1:11	
					I_SldO1OpenSw	A56.J1:9	
					I_SldO1PBrakeSw	A56.J1:12	
					I_SldO1Supply5v	A56.J1:15	
					I_SldO1VacPrSe	A56.J1:13	
A56.J1:4	O_SldO1SealInfSo	Slide_Out 1 Seal Inflating Valve		SoSo5:1	I_SldO1CloseSw	A56.J1:10	
					I_SldO1LimiOutSw	A56.J1:14	
					I_SldO1LimitInSe	A56.J1:11	
					I_SldO1OpenSw	A56.J1:9	
A56.J1:5	O_SldO1SealDefSo	Slide_Out 1 Seal Deflating Valve		SoSo1:1	I_BatMonMod56	A56.J1:24	
					I_SldO1CloseSw	A56.J1:10	
					I_SldO1LimiOutSw	A56.J1:14	
					I_SldO1LimitInSe	A56.J1:11	
					I_SldO1OpenSw	A56.J1:9	
					I_SldO1PBrakeSw	A56.J1:12	
A56.J1:6	O_SldO1VaccGenSo	Slide_Out 1 Seal Vaccum Generator		SoSo2:1	I_BatMonMod56	A56.J1:24	
					I_BatMonMod57	A57.J1:24	
					I_BatMonMod58	A58.J1:24	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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		
A56.J1:6	O_SldO1VaccGenSo	Slide_Out 1 Seal Vaccum Generator		SoSo2:1	I_BatMonMod59	A59.J1:24	
					I_SldO1CloseSw	A56.J1:10	
					I_SldO1LimiOutSw	A56.J1:14	
					I_SldO1LimitInSe	A56.J1:11	
					I_SldO1OpenSw	A56.J1:9	
					I_SldO1PBrakeSw	A56.J1:12	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO2OpenSw	A57.J1:9	
					I_SldO2PBrakeSw	A57.J1:12	
					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	
					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 -		RSo2.B:1	I_BatMonMod56	A56.J1:24	
					I_SldO1CloseSw	A56.J1:10	
					I_SldO1LimiOutSw	A56.J1:14	
					I_SldO1LimitInSe	A56.J1:11	
					I_SldO1OpenSw	A56.J1:9	
					I_SldO1PBrakeSw	A56.J1:12	
					I_SldO1VacPrSe	A56.J1:13	
A57.J1:1	O_SldO2MoSpeedA	Slide-Out 2 Motor Speed Control A			I_BatMonMod57	A57.J1:24	
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO2OpenSw	A57.J1:9	
					I_SldO2PBrakeSw	A57.J1:12	
A57.J1:2	O_SldO2MoSpeedB	Slide-Out 2 Motor Speed Control B			I_BatMonMod57	A57.J1:24	
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO2OpenSw	A57.J1:9	
					I_SldO2PBrakeSw	A57.J1:12	
A57.J1:20	O_SldO2Motpos	Slide_Out 2 Motor +		RSo3.B:1	I_BatMonMod57	A57.J1:24	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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		
A57.J1:20	O_SldO2Motpos	Slide_Out 2 Motor +		RSo3.B:1	I_SldO1VacPrSe	A56.J1:13	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO2OpenSw	A57.J1:9	
					I_SldO2PBrakeSw	A57.J1:12	
A57.J1:3	O_SldO2RemoteLed	Slide_Out 2 Remote Led		SwSo2:2	I_BatMonMod57	A57.J1:24	
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO2OpenSw	A57.J1:9	
					I_SldO2PBrakeSw	A57.J1:12	
					I_SldO2Supply5v	A57.J1:15	
A57.J1:4	O_SldO2SealInfSo	Slide_Out 2 Seal Inflating Valve			I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO2OpenSw	A57.J1:9	
A57.J1:5	O_SldO2SealDefSo	Slide_Out 2 Seal Deflating Valve		SoSo3:1	I_BatMonMod57	A57.J1:24	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO2OpenSw	A57.J1:9	
					I_SldO2PBrakeSw	A57.J1:12	
A57.J1:7	O_SldO2Motneg	Slide_Out 2 Motor -		RSo4.B:1	I_BatMonMod57	A57.J1:24	
					I_SldO1VacPrSe	A56.J1:13	
					I_SldO2CloseSw	A57.J1:10	
					I_SldO2LimiOutSw	A57.J1:14	
					I_SldO2LimitInSe	A57.J1:11	
					I_SldO2OpenSw	A57.J1:9	
					I_SldO2PBrakeSw	A57.J1:12	
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	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:2	O_SldO3MoSpeedB				I_SldO3OpenSw	A58.J1:9	
					I_SldO3PBrakeSw	A58.J1:12	
A58.J1:20	O_SldO3Motpos			RSo6.B:1	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			SwSo3:2	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	
					I_SldO3Supply5v	A58.J1:15	
A58.J1:4	O_SldO3SealInfSo				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	
					I_SldO3PBrakeSw	A58.J1:12	
A58.J1:7	O_SldO3Motneg			RSo5.B:1	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	
A59.J1:1	O_SldO4MoSpeedA				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	
A59.J1:2	O_SldO4MoSpeedB				I_BatMonMod59	A59.J1:24	
					I_SldO1VacPrSe	A56.J1:13	

MULTIPLEX OUTPUT LIST

O_xx... = Physical Ouput 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.J1:2	O_SldO4MoSpeedB				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.J1:20	O_SldO4MotPos			RSo7.B:1	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	
A59.J1:3	O_SldO4RemoteLed			SwSo4:2	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	
					I_SldO4Supply5v	A59.J1:15	
A59.J1:4	O_SldO4SealInfSo			SoSo9:1	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			SoSo10:1	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			RSo8.B:1	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	