

# MULTIPLEX OUTPUT LIST

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

Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A36.JA:11	O_CtrlHead	Control Head	28,1		I_HdLtPos1Sw	A43.J1:4	26,1
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_IgnKeySw	A36.JB:2	3,2
A36.JA:15	O_WakeUp	WakeUp Relay	3,3		I_AccKeySw	A36.JB:6	3,2
					I_EntDorOpSw	A36.JB:15	29,1
					I_FireSensorA36	A36.JB:5	9,1
					I_HazardSw	A36.JB:4	26,1
					I_IgnKeySw	A36.JB:2	3,2
					I_ParkBrSe	A36.JB:9	12,1
					I_RrCutOutSw	A36.JB:21	3,2
					I_WCLSmallLowDor	A49.J1:17	36,1
					I_WclSw	A42.J1:6	36,1
A36.JA:24	O_CutOutRel	Emergency CutOut Relay	3,2	R21:86	I_FireExt2ndAlm	A44.J1:10	
					I_IgnKeySw	A36.JB:2	3,2
A41.J1:12	O_KneeProxPwr	Kneeling Proximity Power	32,1	So16:1	I_IgnKeySw	A36.JB:2	3,2
A41.J1:14	O_KneeDwSol	Kneeling Down Solenoid	32,1	So16:2	I_EntDorClSe	A47.J1:10	29,1
					I_IgnKeySw	A36.JB:2	3,2
					I_KneeDwSw	A41.J1:7	32,1
					I_KneePressSe	A41.J1:18	32,1
					I_LwBuoySw	A36.JB:1	32,1
					I_ParkBrSe	A36.JB:9	12,1
					I_WCLSmallLowDor	A49.J1:17	36,1
					I_WclSw	A42.J1:6	36,1
A41.J1:15	O_KneeUpSol	Kneeling Up Solenoid	32,1	So15:2	I_IgnKeySw	A36.JB:2	3,2
					I_KneeUpSw	A41.J1:6	32,1
A41.J1:16	O_ReHiBoySolRtn	Rear Hi Buoy Solenoid Return	32,1	So14:1	I_IgnKeySw	A36.JB:2	3,2
A42.J1:12	O_ParkBrSolNeg	Park Brake Solenoid Return	32,1		I_EntDorClSe	A47.J1:10	29,1
					I_IgnKeySw	A36.JB:2	3,2
					I_KneeDwSw	A41.J1:7	32,1
					I_KneePressSe	A41.J1:18	32,1
					I_KneeProxSe	A41.J1:19	32,1
					I_LwBuoySw	A36.JB:1	32,1
					I_ParkBrSe	A36.JB:9	12,1
					I_PrkBrkRelSw	A42.J1:7	32,1
					I_WCLSmallLowDor	A49.J1:17	36,1
					I_WclSw	A42.J1:6	36,1
A42.J1:13	O_LugLkSol	Luggage Lock Solenoid	33,1		I_AccKeySw	A36.JB:6	3,2
					I_IgnKeySw	A36.JB:2	3,2
					I_LugDorLkSw	A46.J1:10	33,1
A42.J1:14	O_KneelingAlm	Kneeling Alarm	32,1	I188:1	I_EntDorClSe	A47.J1:10	29,1

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A42.J1:14	O_KneelingAlm	Kneeling Alarm	32,1	L188:1	I_IgnKeySw	A36.JB:2	3,2
					I_KneeDwSw	A41.J1:7	32,1
					I_KneePressSe	A41.J1:18	32,1
					I_KneeUpSw	A41.J1:6	32,1
					I_LwBuoySw	A36.JB:1	32,1
					I_ParkBrSe	A36.JB:9	12,1
					I_WCLSmallLowDor	A49.J1:17	36,1
					I_WclSw	A42.J1:6	36,1
A42.J1:16	O_LugULkSol	Luggage Lock Solenoid	33,1		I_AccKeySw	A36.JB:6	3,2
					I_IgnKeySw	A36.JB:2	3,2
					I_LugDorULkSw	A46.J1:11	33,1
A42.J1:30	O_ParkBrSol	Park Brake Solenoid Valve	32,1	So17:2	I_EntDorClSe	A47.J1:10	29,1
					I_IgnKeySw	A36.JB:2	3,2
					I_KneeDwSw	A41.J1:7	32,1
					I_KneePressSe	A41.J1:18	32,1
					I_KneeProxSe	A41.J1:19	32,1
					I_LwBuoySw	A36.JB:1	32,1
					I_ParkBrSe	A36.JB:9	12,1
					I_PrkBrkRelSw	A42.J1:7	32,1
					I_WCLSmallLowDor	A49.J1:17	36,1
I_WclSw	A42.J1:6	36,1					
A44.J1:1	O_DashTrapPMo	Dash Trap Motor	18,1	Mo3:1	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB:2	3,2
A44.J1:2	O_DashTrapNMo	Dash Trap Motor Return	18,1	Mo3:3	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB:2	3,2
A44.J1:20	O_DashBackLit	Dash BackLighting	19,1	Pot1.C:1	I_HdLtPos1Sw	A43.J1:4	26,1
A44.J1:3	O_DriverLtLb	Driver Light Bulb	19,1	L16:1	B_BatterySaver	.	
					I_AccKeySw	A36.JB:6	3,2
					I_DrvLtSw	A43.J1:18	19,1
					I_IgnKeySw	A36.JB:2	3,2
A44.J1:4	O_BrakeRedundant	Brake Redundant For Volvo D13	14,2		I_BrkLtSeFrSig	A36.JB:13	12,1
					I_BrkLtSeRrSig	A51.J1:10	12,1
A44.J1:8	O_FrClearLb	Front Clearance Lights Bulb	26,1		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSwRetro	A43.J1:20	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	26,1
A45.J1:1	O_FootTrpPSol	Foot Trap Solenoid	18,1	Mo4:A	D_AirFlapBit0	.	
					D_AirFlapBit1	.	

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A45.J1:1	O_FootTrpPSol	Foot Trap Solenoid	18,1	Mo4:A	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_HornSol	Electric Horn	9,1		I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
					I_HornSw	A45.J1:10	9,1
					I_IgnKeySw	A36.JB:2	3,2
A45.J1:21	O_LHFrMkrLb	Left Hand Front Markers Light Bulb	26,1		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSwRetro	A43.J1:20	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	26,1
A45.J1:3	O_LHFrFlshLb	Left Hand Front Flasher Light Bulb	26,1		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26,1
					I_LHFrFlshSw	A45.J1:9	26,1
					I_LHFrFlshSwRrSig	A51.J1:9	26,2
					I_RHFrFlshSwRrSig	A51.J1:12	26,2
A45.J1:4	O_LHFogLb	Left Hand Fog Light Bulb	26,3	L95:A	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_FogLightSw	A43.J1:10	26,3
A45.J1:5	O_LHCornerLmpX3		26,3		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_CorneringLtSw	A43.J1:21	26,3
					I_LHFrFlshSw	A45.J1:9	26,1
A45.J1:6	O_LHHiBmLb	Left Hand Hi Beam Light Bulb	26,1	L60.B:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HdLthiLowBmSw	A43.J1:8	26,1
					I_HdLtPos2SwLH	A45.J1:12	26,1
					I_HiBeamCallSw	A43.J1:3	26,1
A45.J1:7	O_LHLwBmLb	Left Hand Low Beam Light Bulb	26,1	L60.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_HdLtPos2SwLH	A45.J1:12	26,1
A45.J1:8	O_FlshAudiRel	Flasher Audible Relay	26,1	R16:86	B_BatterySaver	.	
					I_HazardSw	A36.JB:4	26,1
					I_LHFrFlshSw	A45.J1:9	26,1
					I_LHFrFlshSwRrSig	A51.J1:9	26,2

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A45.J1:8	O_FlshAudiRel	Flasher Audible Relay	26,1	R16:86	I_RHFlshSw	A48.J1:12	26,1
					I_RHFlshSwRrSig	A51.J1:12	26,2
A46.J1:1	O_UpDefHeater1	Upper Defroster Heater #1	18,1	Mo5:3	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					D_OnOffDrvSw	.	
					I_BatMonMod47	A47.J1:24	6,1
					I_OutDoorTempSe	A54.J1:14	18,1
					I_UpperDefFanSw	A41.J1:17	18,1
A46.J1:21	O_HeadLmpWshM		34,1		I_HeadLmpWshSw	A45.J1:11	34,1
A46.J1:3	O_LwWshPmp	Lower Wiper Washer Pump	34,1		B_BatterySaver	.	
					I_LwWshSwRetro	A46.J1:9	34,1
A46.J1:4	O_AisleLb	Aisle and Emergency Lamps	20,1		B_BatterySaver	.	
					I_HdLtPos1Sw	A43.J1:4	26,1
A46.J1:5	O_DrvRfgSol	Driver refrigerent solenoid	18,1	D2:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_AcPresHiSse	A52.J1:13	18,2
					I_AcPresLoSse	A52.J1:14	18,2
					I_BatMonMod47	A47.J1:24	6,1
					I_OutDoorTempSe	A54.J1:14	18,1
A46.J1:6	O_DrvHeatSol	Driver Heat Solenoid	18,1	So8:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					D_DriverSetPts	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod46	A46.J1:24	6,1
					I_BatMonMod47	A47.J1:24	6,1
					I_BatMonMod54	A54.J1:24	6,1
					I_DrvTempSe	A46.J1:13	18,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	

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A46.J1:6	O_DrvHeatSol	Driver Heat Solenoid	18,1	So8:1	I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1
A46.J1:7	O_UpDefFanMo	Upper defroster Fan Motor	18,1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
A46.J1:8	O_UpDefHeater2	Upper Defroster Heater #2	18,1	Mo5:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					D_OnOffDrvSw	.	
					I_BatMonMod47	A47.J1:24	6,1
					I_OutDoorTempSe	A54.J1:14	18,1
					I_UpperDefFanSw	A41.J1:17	18,1
A47.J1:1	O_DrvDefFanMo	Driver Defroster Fan Motor	18,1	A24.B:B	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffDrvSw	.	
					I_BatMonMod47	A47.J1:24	6,1
					I_IgnKeySw	A36.JB:2	3,2
A47.J1:3	O_LwWipSpd1	Lower Wiper Speed 1	34,1	R23:86	B_BatterySaver	.	
					I_LwWipIntSwRetr	A42.J1:8	34,1
					I_LwWshSwRetro	A46.J1:9	34,1
A47.J1:4	O_DrvRecTrap	Driver Recycle Trap	18,1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					D_RecSw	.	
					I_EntDorClSe	A47.J1:10	29,1
					I_EntDorOpSw	A36.JB:15	29,1
					I_EntDorOpSw2	A47.J1:12	29,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
A47.J1:5	O_EntDorStpLb	Entrance Door Step Light Bulb	29,1		B_BatterySaver	.	
					I_EntDorULkSe	A47.J1:11	29,1
A47.J1:6	O_EntDorClSol	Entrance Door Close Solenoid Valve	29,1	So6:2	I_EntDorClInSw	A36.JB:10	29,1
					I_EntDorClOutSw	A36.JB:17	29,1

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A47.J1:7	O_EntDorOpSol	Entrance Door Open Solenoid Valve	29,1	So5:2	I_EntDorOpSe	A48.J1:11	29,1
					I_EntDorOpSw	A36.JB:15	29,1
					I_EntDorOpSw2	A47.J1:12	29,1
					I_EntDorUlKSe	A47.J1:11	29,1
A48.J1:20	O_RHFrSidFlshLb	RH Front Side Flasher L-Bulb	26,1	L64:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_EntDorClSe	A47.J1:10	29,1
					I_HazardSw	A36.JB:4	26,1
					I_KneeDwSw	A41.J1:7	32,1
					I_KneePressSe	A41.J1:18	32,1
					I_KneeUpSw	A41.J1:6	32,1
					I_LHFfshSwRrSig	A51.J1:9	26,2
					I_LwBuoySw	A36.JB:1	32,1
					I_RHFfshSw	A48.J1:12	26,1
					I_RHFfshSwRrSig	A51.J1:12	26,2
					I_WCLsmallLowDor	A49.J1:17	36,1
					I_WclSw	A42.J1:6	36,1
A48.J1:3	O_RHHiBeamLb	Right Hand Hi Beam Light Bulb	26,1	L59.B:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HdLtHiLowBmSw	A43.J1:8	26,1
					I_HdLtPos2SwLH	A45.J1:12	26,1
					I_HiBeamCallSw	A43.J1:3	26,1
A48.J1:4	O_RHLwBeamLb	Right Hand Low Beam Light Bulb	26,1	L59.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_HdLtPos2SwRH	A48.J1:10	26,1
A48.J1:5	O_RHCornerLmpX3		26,3	L98.B:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_RHFfshSw	A48.J1:12	26,1
A48.J1:6	O_RHFrFlshLb	Right Hand Front Flasher Light Bulb	26,1	L61:2	B_BatterySaver	.	
					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.J1:7	O_RHFrMrkLb	Right Hand Front Markers Light Bulb	26,1		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSwRetro	A43.J1:20	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	26,1
A49.J1:30	O_TagAxlValve	Tag Axle Valve	32,1		I_IgnKeySw	A36.JB:2	3,2
					I_TacPitManSW	A43.J1:6	32,1

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A50.J1:2	O_TransInhibit	Transmission Inhibit	15,1	A1:1	I_BrkLtSeFrSig	A36.JB:13	12,1
					I_BrkLtSeRrSig	A51.J1:10	12,1
					I_ParkBrSe	A36.JB:9	12,1
					I_WCLSmallLowDor	A49.J1:17	36,1
					I_WclSw	A42.J1:6	36,1
A50.J1:3	O_RevLbBuz	Reverse Alarm and Light Bulb	26,3		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TestSwBuz2	.	
					B_TestSwBuzzer	.	
					B_TstModExtLight	.	
					B_TstModHvac	.	
					B_TstModHvacNext	.	
B_TstSwBuz3	.						
A50.J1:4	O_ReClearLb	Rear Clearance Light Bulb	26,2		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSwRetro	A43.J1:20	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
A50.J1:5	O_LHctrFishLb	Water Filter Indicator Warning	26,2		I_HdLtPos2SwLH	A45.J1:12	26,1
					B_BatterySaver	.	
					B_TstModExtLight	.	
A50.J1:6	O_BrLtLowerLb		12,1		I_HazardSw	A36.JB:4	26,1
					I_LHFishSwRrSig	A51.J1:9	26,2
					I_RHFishSwRrSig	A51.J1:12	26,2
					B_BatterySaver	.	
A50.J1:7	O_RHctrFishLb	Wheel Chair Lift Warning Indicator	26,2		B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	12,1
					I_BrkLtSeRrSig	A51.J1:10	12,1
					I_EngBrOnSe	A42.J1:18	
					I_IgnKeySw	A36.JB:2	3,2
					I_RetdrSig	A50.J1:12	12,1
A50.J1:8	O_CtrSdMrkLb	Tag Axle Warning Indicator	26,2	L67:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSwRetro	A43.J1:20	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1

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A50.J1:8	O_CtrSdMrkLb	Tag Axle Warning Indicator	26,2	L67:1	I_HdLtPos2SwLH	A45.J1:12	26,1
A51.J1:1	O_SerBrkTrans	Servise Brake Signal For	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_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	L73:3	B_BatterySaver	.	
					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_LHDockLbX3	Docking Light X3 pas PWM	26,3		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_DockingLtSw	A43.J1:7	9,1
A51.J1:5	O_RHDockLbX3	Docking Light X3 pas PWM	26,3		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_DockingLtSw	A43.J1:7	9,1
A51.J1:6	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
					I_EngBrOnSe	A42.J1:18	
					I_RetdrSig	A50.J1:12	12,1
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	12,1
A51.J1:8	O_ReTailMkLb	Rear Tail Markers Light Bulb	26,2		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSwRetro	A43.J1:20	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	26,1
A52.J1:1	O_EngFanSpd1	Engine Fan Radiator Speed 1	13,1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_Alt2Voltage	A49.J1:9	3,2



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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A52.J1:1	O_EngFanSpd1	Engine Fan Radiator Speed 1	13,1		I_EngFanSpd1	A52.J1:9	13,1
					I_EngFanSw	A36.JB:14	13,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1
					I_PRRackFanSw	A41.J1:20	18,2
A52.J1:2	O_EngFanSpd2	Engine Fan Radiator Speed 2	13,1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_Alt2Voltage	A49.J1:9	3,2
					I_EngFanSpd1	A52.J1:9	13,1
					I_EngFanSpd2	A52.J1:10	13,1
					I_EngFanSw	A36.JB:14	13,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1
					I_PRRackFan2ndSpd	A54.J1:12	18,3
					I_PRRackFanSw	A41.J1:20	18,2
A52.J1:20	O_AcCluSol	Hvac AC Clutch Solenoid	18,2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_AcPresHiSSe	A52.J1:13	18,2
					I_AcPresLoSSe	A52.J1:14	18,2
A52.J1:21	O_AcUnldrH	Hvac Right Hand Cylinder Unloader	18,2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_PassSetPts	.	
					I_AcPresHiSSe	A52.J1:13	18,2
					I_AcPresLoSSe	A52.J1:14	18,2
A52.J1:4	O_LavFanMo	Lavatory Fan Motor	11,1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
A52.J1:5	O_EngCmptl hZF	Engine Compartment Light Switch	25,1		I_EngCmptLtSw	A52.J1:11	25,1

# MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A52.J1:5	O_EngCmptLbZF	Engine Compartment Light Switch	25,1		I_EngDoorSe	A52.J1:12	25,1
A52.J1:8	O_AcUnldLH	Hvac Left Hand Cylinder Unloader	18,2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_PassSetPts	.	
					I_AcPresHiSse	A52.J1:13	18,2
					I_AcPresLoSse	A52.J1:14	18,2
A53.J1:1	O_StarterRlyRtn	Starter Relay Return	3,2		I_IgnKeySw	A36.JB:2	3,2
A53.J1:2	O_ZFTranslnh		15,2		I_BrkLtSeFrSig	A36.JB:13	12,1
					I_BrkLtSeRrSig	A51.J1:10	12,1
					I_ParkBrSe	A36.JB:9	12,1
					I_WCLSmallLowDor	A49.J1:17	36,1
					I_WclSw	A42.J1:6	36,1
A53.J1:20	O_PrackACClth		18,3		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_OutDoorTempSe	A54.J1:14	18,1
					I_P RackFanSw	A41.J1:20	18,2
					I_PrackLowPre	A54.J1:11	18,3
A53.J1:21	O_EvaSpd2Rel	Evaporator Fan Speed 2	18,2	TermMo9	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	6,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
A53.J1:5	O_WCLOn	Wheel Chair Lift Enabled	36,1		I_ParkBrSe	A36.JB:9	12,1
					I_WCLSmallLowDor	A49.J1:17	36,1
					I_WclSw	A42.J1:6	36,1
A53.J1:6	O_StarterRel	Starter Relay	3,2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A53.J1:6	O_StarterRel	Starter Relay	3,2		I_EngStaRrSw	A53.J1:11	3,2
					I_FrEngStaSw	A36.JB:22	3,2
					I_FrStrtEnSw	A53.J1:9	3,2
					I_NeutralSe	A50.J1:11	3,2
					I_RrStrtEnSw	A53.J1:10	3,2
					I_ZFNeutralSig	A50.J1:14	15,2
A53.J1:8	O_CndSpd2Rel	Condensor Fan Speed 2 Relay	18,2		B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_AcPresHiSse	A52.J1:13	18,2
					I_AcPresLoSse	A52.J1:14	18,2
					I_BatMonMod53	A53.J1:24	6,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
I_FireSensorA36	A36.JB:5	9,1					
I_OutDoorTempSe	A54.J1:14	18,1					
A54.J1:1	O_LHPRckFan	Left Hand Parcel Rack Fan	18,3		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_PRackFanSw	A41.J1:20	18,2
A54.J1:2	O_RHPRckFan	Right Hand Parcel Rack Fan	18,3		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_PRackFanSw	A41.J1:20	18,2
A54.J1:20	O_ACRecPass	A/C Pass. Gaz Cylinder Recycle	18,2	L205:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					D_RecSw	.	
					I_EntDorClSe	A47.J1:10	29,1
					I_EntDorOpSw	A36.JB:15	29,1
					I_EntDorOpSw2	A47.J1:12	29,1

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A54.J1:20	O_ACRecPass	A/C Pass. Gaz Cylinder Recycle	18,2	L205:1	I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
A54.J1:21	O_PassOnOff	Output HVAC Passenger ON/OFF	18,2	R26:85	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_BatMonMod54	A54.J1:24	6,1
A54.J1:3	O_PasRfgSol	Passenger Refrigerent Solenoid	18,2	D11:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	6,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1
A54.J1:4	O_ACWaterPmp	Hvac Water Pump	18,2	D9:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	6,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1
A54.J1:5	O_CndSpd1Rel	Condensor Fan Speed 1 Relay	18,2	R10:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A54.J1:5	O_CndSpd1Rel	Condensor Fan Speed 1 Relay	18,2	R10:2	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	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1
A54.J1:7	O_EvaSpd1Rel	Evaporator Fan Speed 1 Relay	18,2	R12:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					I_BatMonMod54	A54.J1:24	6,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
A54.J1:8	O_PasHeatSol	Passenger Heat Solenoid Valve	18,2	R26:87	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod54	A54.J1:24	6,1
					I_FireExt1stAl	A36.JB:23	
					I_FireExt2ndAlm	A44.J1:10	
					I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1