

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	
					I_IgnKeySw	A36.JB:2	
A36.JA:15	O_WakeUp	WakeUp Relay	3,3		I_AccKeySw	A36.JB:6	
					I_EntDorOpSw	A36.JB:15	
					I_FireSensorA36	A36.JB:5	9,1
					I_HazardSw	A36.JB:4	26,1
					I_IgnKeySw	A36.JB:2	
					I_ParkBrSe	A36.JB:9	
					I_RrCutOutSw	A36.JB:21	3,2
					I_WCLLoDorSe	A53.J1:12	36,1
					I_WclSw	A42.J1:6	36,1
A36.JA:24	O_CutOutRel	Emergency CutOut Relay	3,2	R21:-	I_FireExt2ndAlm	A44.J1:10	38,1
					I_IgnKeySw	A36.JB:2	
A41.J1:12	O_KneeProxPwr	Kneeling Proximity Power	32,1	So16:1	I_IgnKeySw	A36.JB: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	
					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	
					I_WCLLoDorSe	A53.J1:12	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	
					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	
A42.J1:11	O_SmokLb	No Smoking Light Bulb	11,1	L2:1	I_IgnKeySw	A36.JB:2	
A42.J1:12	O_ParkBrSolNeg	Park Brake Solenoid Return	32,1		I_EntDorClSe	A47.J1:10	29,1
					I_IgnKeySw	A36.JB: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	
					I_PrkBrkRelSw	A42.J1:7	32,1
					I_WCLLoDorSe	A53.J1:12	36,1
					I_WclSw	A42.J1:6	36,1
A42.J1:13	O_LugLkSol	Luggage Lock Solenoid	33,1	So19:2	I_AccKeySw	A36.JB:6	
					I_IgnKeySw	A36.JB:2	
					I_LuaDorLkSw	A46.J1:10	33,1

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A42.J1:14	O_KneelingAlm	Kneeling Alarm	32,1	L188:1	I_EntDorClSe	A47.J1:10	29,1
					I_IgnKeySw	A36.JB: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	
					I_WCLLoDorSe	A53.J1:12	36,1
					I_WclSw	A42.J1:6	36,1
A42.J1:16	O_LugULkSol	Luggage Lock Solenoid	33,1	So18:2	I_AccKeySw	A36.JB:6	
					I_IgnKeySw	A36.JB: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	
					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	
					I_PrkBrkRelSw	A42.J1:7	32,1
					I_WCLLoDorSe	A53.J1:12	36,1
					I_WclSw	A42.J1:6	36,1
A43.J1:13	O_WatchstepLb	Watch Your Step Light Bulb	9,1		B_BatterySaver	.	
					I_EntDorULkSe	A47.J1:11	29,1
A44.J1:1	O_DashTrapPMo	Dash Trap Motor	18,1	Mo3:1	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB: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	
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	
					I_DrvLtSw	A43.J1:18	19,1
					I_IgnKeySw	A36.JB:2	
A44.J1:4	O_BrakeRedundant	Brake Redundant For Volvo D13	14,2		I_BrkLtSeFrSig	A36.JB:13	
					I_BrkLtSeRrSig	A51.J1:10	12,1
A44.J1:8	O_FrClearLb	Front Clearance Lights Bulb	26,1		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	
					I_BlinkSwRetro	A43.J1:5	26,1

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A44.J1:8	O_FrClearLb	Front Clearance Lights Bulb	26,1		I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	
A45.J1:1	O_FootTrpPSol	Foot Trap Solenoid	18,1	Mo4:A	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB:2	
A45.J1:2	O_FootTrpNSol	Foot Trap Solenoid	18,1	Mo4:B	D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB:2	
A45.J1:20	O_HornSol	Electric Horn	9,1		I_FireExt1stAl	A36.JB:23	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					I_FireSensorA36	A36.JB:5	9,1
					I_HornSw	A45.J1:10	9,1
					I_IgnKeySw	A36.JB:2	
A45.J1:21	O_LHFrMkrLb	Left Hand Front Markers Light Bulb	26,1		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	
					I_BlinkSwRetro	A43.J1:5	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	
A45.J1:3	O_LHFrFishLb	Left Hand Front Flasher Light Bulb	26,1		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26,1
					I_LHFishSw	A45.J1:9	26,1
					I_LHFishSwRrSig	A51.J1:9	26,2
					I_RHFishSwRrSig	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_LHCornerLb	Left Hand Cornering Light Bulb	26,3	L97.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_CorneringLtSw	A43.J1:21	26,3
					I_LHFishSw	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	
					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	.	

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A45.J1:7	O_LHLwBmLb	Left Hand Low Beam Light	26,1	L60.A:1	I_HdLtPos2SwLH A45.J1:12
A45.J1:8	O_FlshAudiRel	Flasher Audible Relay	26,1	R16:86	B_BatterySaver . I_HazardSw A36.JB:4 26,1 I_LHFishSw A45.J1:9 26,1 I_LHFishSwRrSig A51.J1:9 26,2 I_RHFishSw A48.J1:12 26,1 I_RHFishSwRrSig A51.J1:12 26,2
A46.J1:21	O_HeadLmpWsh		34,1		I_HeadLmpWshSw A45.J1:11 34,1
A46.J1:3	O_LwWshPmp	Lower Wiper Washer Pump	34,1		B_BatterySaver . I_LwWshSw A44.J1:9 34,1
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 38,1 I_FireExt2ndAlm A44.J1:10 38,1 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	Res8.B:1, Res11.A:1	B_BatterySaver . B_EngineRun .

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A46.J1:7	O_UpDefFanMo	Upper defroster Fan Motor	18,1	Res8.B:1, Res11.A:1	B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					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	
A47.J1:2	O_DrvRecTrap	Driver Recycle Trap	18,1	L203:A	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	
					I_EntDorOpSw2	A47.J1:12	29,1
					I_EntDorULkSe	A47.J1:11	29,1
					I_FireExt1stAl	A36.JB:23	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					I_FireSensorA36	A36.JB:5	9,1
A47.J1:20	O_UpDefWtrPump	Upper Defrost Water Pump	18,1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_BatMonMod47	A47.J1:24	6,1
					I_OutDoorTempSe	A54.J1:14	18,1
					I_UpperDefFanSw	A41.J1:17	18,1
A47.J1:3	O_LwWipSpd1	Lower Wiper Speed 1	34,1	R23:86	B_BatterySaver	.	
					I_LwWipIntSw	A42.J1:4	34,1
					I_LwWshSw	A44.J1:9	34,1
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	29,1	So6:2	I_EntDorClInSw	A36.JB:10	29,1

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A47.J1:6	O_EntDorClSol	Entrance Door Close Solenoid Valve	29,1	So6:2	I_EntDorClOutSw	A36.JB:17	29,1
A47.J1:7	O_EntDorOpSol	Entrance Door Open Solenoid Valve	29,1	So5:2	I_EntDorClSe	A47.J1:10	29,1
					I_EntDorOpSe	A48.J1:11	29,1
					I_EntDorOpSw	A36.JB:15	
					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_WCLLoDorSe	A53.J1:12	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	
					I_HiBeamCallSw	A43.J1:3	26,1
A48.J1:4	O_RHLwBeamLb	Right Hand Low Beam Light Bulb	26,1	L59.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_HdLtPos2SwRH	A48.J1:10	26,1
A48.J1:5	O_RHCornerLb	Right Hand Cornering Light Bulb	26,3	L98.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_RHFfshSw	A48.J1:12	26,1
A48.J1:6	O_RHFrFlshLb	Right Hand Front Flasher Light Bulb	26,1	L61:3	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_BlinkSw	A43.J1:20	
					I_BlinkSwRetro	A43.J1:5	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1

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A48.J1:7	O_RHFrMrkLb	Right Hand Front Markers Light Bulb	26,1		I_HdLtPos2SwLH	A45.J1:12	
A49.J1:13	O_AisleLb	Aisle and Emergency Lamps	20,1	R15:85	B_BatterySaver	.	
A50.J1:2	O_TransInhibit	Transmission Inhibit	15,1	A1:1	I_HdLtPos1Sw	A43.J1:4	26,1
					I_BrkLtSeFrSig	A36.JB:13	
					I_BrkLtSeRrSig	A51.J1:10	12,1
					I_ParkBrSe	A36.JB:9	
					I_WCLLoDorSe	A53.J1:12	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_BlinkSw	A43.J1:20	
					I_BlinkSwRetro	A43.J1:5	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	
A50.J1:5	O_LHctrFlshLb	Water Filter Indicator Warning	26,2	L70:1	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
A50.J1:6	O_BrLtLowerLb		12,1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BrkLtSeFrSig	A36.JB:13	
					I_BrkLtSeRrSig	A51.J1:10	12,1
					I_EngBrOnSe	A42.J1:18	
					I_IgnKeySw	A36.JB:2	
					I_RetdrSig	A50.J1:12	12,1
A50.J1:7	O_RHctrFlshLb	Wheel Chair Lift Warning Indicator	26,2	L68:1	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

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A50.J1:8	O_CtrSdMrkLb	Tag Axle Warning Indicator	26,2		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	
					I_BlinkSwRetro	A43.J1:5	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	
A51.J1:1	O_SerBrkTrans	Servise Brake Signal For	15,1	A1:62	I_BrkLtSeFrSig	A36.JB:13	
A51.J1:2	O_LavRoofLb		11,1	L142:1	I_IgnKeySw	A36.JB:2	
					I_LavDorLkSe	A49.J1:5	11,1
					I_LavEmrgSw	A49.J1:6	11,1
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			B_BatterySaver	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26,1
					I_LHFlshSwRrSig	A51.J1:9	26,2
A51.J1:4	O_LHDockLb	Left Hand Docking Light Bulb	26,3	L93.A:1	B_BatterySaver	.	
					B_TstModExtLight	.	
					I_DockingLtSw	A43.J1:7	9,1
A51.J1:5	O_RHDockLb	Right Hand Docking Light Bulb	26,3	L94.A:1	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	
					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	
					I_BrkLtSeRrSig	A51.J1:10	12,1
A51.J1:8	O_ReTailMkLb	Rear Tail Markers Light Bulb	26,2		B_BatterySaver	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:20	

MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A51.J1:8	O_ReTailMkLb	Rear Tail Markers Light Bulb	26,2		I_BlinkSwRetro	A43.J1:5	26,1
					I_HdLtPos1Sw	A43.J1:4	26,1
					I_HdLtPos2SwLH	A45.J1:12	
A52.J1:1	O_EngFanSpd1	Engine Fan Radiator Speed 1	13,1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					I_EngFanSpd1	A52.J1:9	13,1
					I_EngFanSw	A36.JB:14	13,1
					I_FireExt1stAl	A36.JB:23	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					I_FireSensorA36	A36.JB:5	9,1
A52.J1:2	O_EngFanSpd2	Engine Fan Radiator Speed 2	13,1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					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	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					I_FireSensorA36	A36.JB:5	9,1
A52.J1:20	O_AcCluSol	Hvac AC Clutch Solenoid			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	.	

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A52.J1:4	O_LavFanMo	Lavatory Fan Motor	11,1		B_TstModHvac	.	
A52.J1:5	O_EngCmptLbZF	Engine Compartment Light Switch	25,1		I_EngCmptLbSw	A52.J1:11	25,1
					I_EngDoorSe	A52.J1:12	25,1
A52.J1:8	O_AcUnldLH	Hvac Left Hand Cylinder Unloader			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	Term49	I_IgnKeySw	A36.JB:2	
A53.J1:2	O_ZFTransinh		15,2		I_BrkLtSeFrSig	A36.JB:13	
					I_BrkLtSeRrSig	A51.J1:10	12,1
					I_ParkBrSe	A36.JB:9	
					I_WCLLoDorSe	A53.J1:12	36,1
					I_WclSw	A42.J1:6	36,1
A53.J1:20	O_PRAkRfgSol	Parcel Rack Refrigerent Solenoid	18,2	D8:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					I_FireExt1stAl	A36.JB:23	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					I_FireSensorA36	A36.JB:5	9,1
					I_PRAckFanSw	A41.J1:20	18,2
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	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					I_FireSensorA36	A36.JB:5	9,1
A53.J1:3	O_TagAutUnLdSo	Tag Automatic Unload Solenoid	32,1		I_TagPitManSW	A43.J1:6	32,1
A53.J1:5	O_WCLOn	Wheel Chair Lift Enabled	36,1		I_ParkBrSe	A36.JB:9	
					I_WCLLoDorSe	A53.J1:12	36,1
					I_WclSw	A42.J1:6	36,1

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Module.Pin#	Signal name	Description	Page	Connected devices	Input involved		
A53.J1:6	O_StarterRel	Starter Relay	3,2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TestMode	.	
					B_TstModHvac	.	
					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	R9:2	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	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1
A54.J1:1	O_LHPRckFan	Left Hand Parcel Rack Fan	18,2		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	18,2		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	.	

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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	D_OnOffPassSw	.	
					D_RecSw	.	
					I_EntDorClSe	A47.J1:10	29,1
					I_EntDorOpSw	A36.JB:15	
					I_EntDorOpSw2	A47.J1:12	29,1
					I_EntDorULkSe	A47.J1:11	29,1
					I_FireExt1stAl	A36.JB:23	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					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	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					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	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1

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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	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	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					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	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					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	38,1
					I_FireExt2ndAlm	A44.J1:10	38,1
					I_FireSensorA36	A36.JB:5	9,1
					I_OutDoorTempSe	A54.J1:14	18,1