

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		
A36.JA:12	O_AcCluSol O_ClusterEsc		10.1	A14A.A:5	B_TstModHvac	.	
					D_Stw_Sw17	.	
					I_BlinkSw	A43.J1:5	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_BatMonMod53	A53.J1:24	6.1
					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	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_EntDorOpSw	A36.JB:15	29.1
					I_FireSensorA36	A36.JB:5	38.1
					I_FrStrtEnSw	A52.J1:9	3.2
					I_HazardSw	A36.JB:4	26.1
					I_IgnKeySw	A36.JB:2	3.2
					I_NeutralSe	A50.J1:11	3.2
					I_ParkBrSe	A36.JB:9	12.1
					I_RrCutOutSw	A36.JB:21	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WCLDoorLtch	A49.J1:1	36.1
					I_WCLLoDorSe	A49.J1:6	36.1
					I_WCLPlungSw	A49.J1:4	36.1
					I_WclSw	A42.J1:6	36.1
					I_WebFireComp	A36.JB:14	
A36.JA:16	O_ClusterUp		10.1		D_Stw_Sw18	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					I_ParkBrSe	A36.JB:9	12.1
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		D_Stw_Sw19	.	
					I_BrkLtSeFrSig	A36.JB:13	12.1
					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	Mo64:2	I_IgnKeySw	A36.JB:2	3.2

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A41.J1:12	O_WatchstepLb	Watch Your Step Light Bulb	29.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_EntDorClSe	A47.J1:10	29.1
A41.J1:13	O_LavOccFrLb		11.1	L143:1	D_Stw_Sw16	.	
					I_IgnKeySw	A36.JB:2	3.2
					I_LavDorLockSe	A53.J1:11	11.1
					I_LavEmrgSw	A53.J1:10	11.1
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_KneeLevelSe	A45.J1:13	32.1
					I_KneeUpSw	A41.J1:6	32.1
					I_LwBuoySw	A36.JB:1	32.1
					I_ParkBrSe	A36.JB:9	12.1
					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_KneeDwSw	A41.J1:7	32.1
					I_KneeLevelSe	A45.J1:13	32.1
					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
					I_KneeDwSw	A41.J1:7	32.1
					I_KneeLevelSe	A45.J1:13	32.1
					I_KneeUpSw	A41.J1:6	32.1
A41.J1:30	O_ReHiBoySol	Rear Hi Buoy Solenoid	32.1	So14:2	I_IgnKeySw	A36.JB:2	3.2
					I_KneeDwSw	A41.J1:7	32.1
					I_KneeLevelSe	A45.J1:13	32.1
					I_KneeUpSw	A41.J1:6	32.1
A42.J1:11	O_SmokLb	No Smoking Light Bulb			I_IgnKeySw	A36.JB:2	3.2
A42.J1:12	O_ParkBrSolNeg	Park Brake Solenoid Return	32.1		I_IgnKeySw	A36.JB:2	3.2
A42.J1:13	O_LugLkSol	Luggage Lock Solenoid	33.1	So19:2	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	L188:1	I_EntDorClSe	A47.J1:10	29.1
					I_IgnKeySw	A36.JB:2	3.2
					I_KneeDwSw	A41.J1:7	32.1
					I_KneeLevelSe	A45.J1:13	32.1
					I_KneeUpSw	A41.J1:6	32.1
					I_ParkBrSe	A36.JB:9	12.1
					I_WclSw	A42.J1:6	36.1
A42.J1:16	O_LugULkSol	Luggage Lock Solenoid	33.1	So18:2	I_AccKeySw	A36.JB:6	3.2
					I_IgnKeySw	A36.JB:2	3.2
					I_LugDorULkSw	A46.J1:11	33.1

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A43.J1:12	O_CruCtrlSet	Cruise Control Set Volvo	41.1	A81A.JA:1	D_Stw_Sw7	.	
					D_Stw_Sw8	.	
					I_LowWiperCam	A47.J1:9	34.1
					I_LwWipIntSw	A42.J1:8	34.1
					I_LwWshSw	A46.J1:9	34.1
A43.J1:13	O_HornSol	Electric Horn	9.1		I_HornSelectSw	A43.J1:7	9.1
					I_HornSw	A45.J1:10	9.1
A43.J1:14	O_CruCtrlRsm	Cruise Control Resume Volvo	41.1	A81A.JA:2	D_Stw_Sw7	.	
					D_Stw_Sw8	.	
					I_LowWiperCam	A47.J1:9	34.1
					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_LowWiperCam	A47.J1:9	34.1
					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	.	

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A44.J1:2	O_DashTrapNMo	Dash Trap Motor Return	18.1	Mo3:3	D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					I_IgnKeySw	A36.JB:2	3.2
A44.J1:3	O_DriverLtLb	Driver Light Bulb	19.1	L16:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					I_AccKeySw	A36.JB:6	3.2
					I_DrvLtSw	A55.J1:5	19.1
					I_IgnKeySw	A36.JB:2	3.2
A44.J1:4	O_LHFogLb2	Left Hand Fog Light Bulb	26.3	L95B: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
A44.J1:5	O_EntDorLtLb	Entrance Door Light Bulb	29.1	L17:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
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.J1:5	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_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A36.JB:5	38.1
					I_HornSelectSw	A43.J1:7	9.1
					I_HornSw	A45.J1:10	9.1
					I_IgnKeySw	A36.JB:2	3.2

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A45.J1:20	O_HornElectric	Horn Electric	9.1		I_WebFireComp	A36.JB:14	
A45.J1:21	O_LHFrMkrLb	Left Hand Front Markers Light Bulb	26.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:5	26.1
					I_FogLightSw	A55.J1:6	26.3
					I_HdLtPos1Sw	A43.J1:4	26.1
					I_HdLtPos2SwLH	A45.J1:12	26.1
					I_IgnKeySw	A36.JB:2	3.2
A45.J1:3	O_LeftFrFlshPH		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_NeutralSe	A50.J1:11	3.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
					I_WCLDoorLtch	A49.J1:1	36.1
					I_WCLLoDorSe	A49.J1:6	36.1
					I_WCLPlungSw	A49.J1:4	36.1
					I_WclSw	A42.J1:6	36.1
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
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	.	

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A45.J1:7	O_LHLwBmLb	Left Hand Low Beam Light Bulb	26.1		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_LHFlshSwRrSig	A51.J1:9	26.2
					I_NeutralSe	A50.J1:11	3.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
					I_WCLDoorLtch	A49.J1:1	36.1
					I_WCLLoDorSe	A49.J1:6	36.1
					I_WCLPlungSw	A49.J1:4	36.1
					I_WclSw	A42.J1:6	36.1
A46.J1:2	O_UpWiperMot	Upper Wiper Motor	34.1	R24:86	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
A46.J1:21	O_HeadLmpWshM		34.1		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		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_OneAltCharging	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	

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A46.J1:5	O_DrvRfgSol	Driver refrigerent solenoid	18.1	D2.A:1	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_OneAltCharging	.	
					B_TstModHvac	.	
					D_AirFlapBit0	.	
					D_AirFlapBit1	.	
					D_AirFlapBit2	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_DriverSetPts	.	
					D_DrvFnSpdBit0	.	
					D_DrvFnSpdBit1	.	
					D_DrvFnSpdBit2	.	
					D_OnOffDrvSw	.	
					D_OnOffPassSw	.	
					D_PassSetPts	.	
					I_BatMonMod46	A46.J1:24	6.1
					I_BatMonMod54	A54.J1:24	6.1
					I_DrvTempSe	A55.J1:1	18.1
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A36.JB:5	38.1
					I_WebFireComp	A36.JB:14	
A46.J1:7	O_UpDefFanMo	Upper defroster Fan Motor	18.1	Res8.B:1, Res11.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_OnOffDrvSw	.	
					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_IgnKeySw	A36.JB:2	3.2

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A47.J1:2	O_DrvRecTrap	Driver Recycle Trap	18.1	L203:A	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_RecSw	.	
A47.J1:20	O_UpDefWtrPump	Upper Defrost Water Pump	18.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					D_OnOffDrvSw	.	
					I_UpperDeffFanSw	A41.J1:17	18.1
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		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
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
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	29.1
					I_EntDorOpSw2	A47.J1:12	29.1
A48.J1:1	O_RHFogLb2	Right Hand Fog Light	26.3	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.J1:20	O_RHFrSidFlshLb	RH Front Side Flasher L-Bulb	26.1	L64:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_EntDorClSe	A47.J1:10	29.1
					I_HazardSw	A36.JB:4	26.1
					I_KneeDwSw	A41.J1:7	32.1
					I_KneeLevelSe	A45.J1:13	32.1

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		
A48.J1:20	O_RHFrSidFlshLb	RH Front Side Flasher L-Bulb	26.1	L64:1	I_KneeUpSw	A41.J1:6	32.1
					I_LHFishSwRrSig	A51.J1:9	26.2
					I_NeutralSe	A50.J1:11	3.2
					I_RHFishSwRrSig	A51.J1:12	26.2
					I_WCLDoorLtch	A49.J1:1	36.1
					I_WCLLoDorSe	A49.J1:6	36.1
					I_WCLPlungSw	A49.J1:4	36.1
					I_WclSw	A42.J1:6	36.1
A48.J1:3	O_RHHiBeamLb	Right Hand Hi Beam Light Bulb	26.1	L313: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	L313:E	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	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
A48.J1:6	O_RightFrFlshPH		26.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_LHFishSwRrSig	A51.J1:9	26.2
					I_NeutralSe	A50.J1:11	3.2
					I_RHFishSwRrSig	A51.J1:12	26.2
					I_WCLDoorLtch	A49.J1:1	36.1
					I_WCLLoDorSe	A49.J1:6	36.1
					I_WCLPlungSw	A49.J1:4	36.1
					I_WclSw	A42.J1:6	36.1
A48.J1:7	O_RHFrMrkLb	Right Hand Front Markers Light Bulb	26.1	L63:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	

MULTIPLEX OUTPUT LIST

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A48.J1:7	O_RHFrMrkLb	Right Hand Front Markers Light Bulb	26.1	L63:1	I_BlinkSw	A43.J1:5	26.1
					I_FogLightSw	A55.J1:6	26.3
					I_HdLtPos1Sw	A43.J1:4	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.J1:11	O_WCLOn	Wheel Chair Lift Enabled	36.1		I_NeutralSe	A50.J1:11	3.2
					I_ParkBrSe	A36.JB:9	12.1
					I_WCLLoDorSe	A49.J1:6	36.1
					I_WclSw	A42.J1:6	36.1
A49.J1:12	O_WCLUpDoorSig	WCL Upper Door Open Signal For TWU	36.1		I_ParkBrSe	A36.JB:9	12.1
					I_WCLDoorLtch	A49.J1:1	36.1
					I_WCLPlungSw	A49.J1:4	36.1
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	.	
					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
A49.J1:16	O_CndSpd2Rel	Condensor Fan Speed 2 Relay	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	

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Module.Pin#	Signal name		Page	Connected devices	Input involved							
A49.J1:16	O_CndSpd2Rel	Condensor Fan Speed 2 Relay	18.2		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	38.1					
					I_WebFireComp	A36.JB:14						
A49.J1:30	O_TagAxlValve	Tag Axle Valve	32.2		I_TagPitManSW	A43.J1:6	32.2					
A50.J1:1	O_WCLSDoorLb	WCL Sliding Door Top Light	36.1		I_ParkBrSe	A36.JB:9	12.1					
					I_WCLDoorLtch	A49.J1:1	36.1					
					I_WCLPlungSw	A49.J1:4	36.1					
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_NeutralSe	A50.J1:11	3.2					
					I_ParkBrSe	A36.JB:9	12.1					
					I_WCLDoorLtch	A49.J1:1	36.1					
					I_WCLLoDorSe	A49.J1:6	36.1					
					I_WCLPlungSw	A49.J1:4	36.1					
					I_WclSw	A42.J1:6	36.1					
					A50.J1:20	O_BackUpLt		26.2		B_BatterySaver	.	
B_EngineRun	.											
B_OneAltCharging	.											
B_TestSwBuz2	.											
B_TestSwBuzzer	.											
B_TstModExtLight	.											
B_TstModHvac	.											
B_TstModHvacNext	.											
B_TstSwBuz3	.											
D_NextWheel	.											
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	B_BatterySaver	.						
					B_EngineRun	.						
					B_OneAltCharging	.						
					B_TestSwBuz2	.						
					B_TestSwBuzzer	.						

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A50.J1:3	O_RevAlarm	Back up alarm	26.3	L187:A	B_TstModExtLight	.	
					B_TstModHvac	.	
					B_TstModHvacNext	.	
					B_TstSwBuz3	.	
					D_NextWheel	.	
					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.J1:5	26.1
					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	L70A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_LHFlshSwRrSig	A51.J1:9	26.2
					I_NeutralSe	A50.J1:11	3.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
					I_WCLDoorLtch	A49.J1:1	36.1
					I_WCLLoDorSe	A49.J1:6	36.1
					I_WCLPlungSw	A49.J1:4	36.1
					I_WclSw	A42.J1:6	36.1
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	L68A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_HazardSw	A36.JB:4	26.1
					I_LHFlshSwRrSig	A51.J1:9	26.2
					I_NeutralSe	A50.J1:11	3.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
					I_WCLDoorLtch	A49.J1:1	36.1

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A50.J1:7	O_RHctrFlshLb	Wheel Chair Lift Warning Indicator	26.2	L68A:1	I_WCLLoDorSe	A49.J1:6	36.1
					I_WCLPlungSw	A49.J1:4	36.1
					I_WclSw	A42.J1:6	36.1
A50.J1:8	O_CtrSdMrkLb	Tag Axle Warning Indicator	26.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModExtLight	.	
					I_BlinkSw	A43.J1:5	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.J1:2	O_LavRoofLb		11.1	L142:1	D_Stw_Sw16	.	
					I_IgnKeySw	A36.JB:2	3.2
					I_LavDorLockSe	A53.J1:11	11.1
					I_LavEmrgSw	A53.J1:10	11.1
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_NeutralSe	A50.J1:11	3.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
					I_WCLDoorLtch	A49.J1:1	36.1
					I_WCLLoDorSe	A49.J1:6	36.1
					I_WCLPlungSw	A49.J1:4	36.1
					I_WclSw	A42.J1:6	36.1
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_NeutralSe	A50.J1:11	3.2
					I_RHFlshSwRrSig	A51.J1:12	26.2
					I_WCLDoorLtch	A49.J1:1	36.1
					I_WCLLoDorSe	A49.J1:6	36.1
					I_WCLPlungSw	A49.J1:4	36.1
					I_WclSw	A42.J1:6	36.1
A51.J1:4	O_LHDockLb	Left Hand Docking Light Bulb	26.3	L93.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A51.J1:4	O_LHDockLb	Left Hand Docking Light Bulb	26.3	L93.A:1	B_TstModExtLight	.	
					I_DockingLtSw	A55.J1:7	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
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.A:1	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	.	
					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	A36.JB:5	38.1
					I_FrStrtEnSw	A52.J1:9	3.2
					I_IgnKeySw	A36.JB:2	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
					I_WebFireComp	A36.JB:14	
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	A36.JB:5	38.1

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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		I_IgnKeySw	A36.JB:2	3.2
A52.J1:21	O_AcUnldrH	Hvac Right Hand Cylinder Unloader	18.2		I_WebFireComp	A36.JB:14	
					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.J1:4	O_LavFanMo	Lavatory Fan Motor	11.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					I_BatMonMod52	A52.J1:24	6.1
A52.J1:5	O_EngCmptLb	Engine Compartment Light Bulb	25.1		I_EngDoorSe	A49.J1:2	25.1
A52.J1:6	O_StarterRel	Starter Relay	3.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					I_FrStrtEnSw	A52.J1:9	3.2
					I_NeutralSe	A50.J1:11	3.2
					I_RrStrtEnSw	A52.J1:10	3.2
A52.J1:8	O_PrakRfgSol	Parcel Rack Refrigerent Solenoid	18.2	D8.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_OnOffPassSw	.	
					I_FireExt1stAl	A36.JB:23	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A36.JB:5	38.1
					I_P RackFanSw	A41.J1:20	18.2
					I_WebFireComp	A36.JB:14	
A53.J1:2	O_DirLed	Direct Led	24.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					I_AccKeySw	A36.JB:6	3.2
					I_IgnKeySw	A36.JB:2	3.2
A53.J1:21	O_EmergencyLt	Emergency Lights	20.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					I_HdLtPos1Sw	A43.J1:4	26.1

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A53.J1:3	O_IndirLed	Indirect Led	23.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					I_AccKeySw	A36.JB:6	3.2
					I_IgnKeySw	A36.JB:2	3.2
A53.J1:4	O_LavOccRrLb		11.1	L140:1	D_Stw_Sw16	.	
					I_IgnKeySw	A36.JB:2	3.2
					I_LavDorLockSe	A53.J1:11	11.1
					I_LavEmrgSw	A53.J1:10	11.1
A53.J1:5	O_ReadLtsRel	Passenger Reading Light Relay	22.1		B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	
					I_AccKeySw	A36.JB:6	3.2
					I_IgnKeySw	A36.JB:2	3.2
					I_ReadLtsSw	A41.J1:10	22.1
A53.J1:8	O_FlushPmpMo	Right Hand Flasher Indicator	11.1		I_AccKeySw	A36.JB:6	3.2
					I_IgnKeySw	A36.JB:2	3.2
					I_LavFlshSw	A53.J1:9	11.1
A54.J1:1	O_LHPRckFan	Left Hand Parcel Rack Fan	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					I_P RackFanSw	A41.J1:20	18.2
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	.	
					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	A36.JB:5	38.1
					I_WebFireComp	A36.JB:14	
A54.J1:20	O_ACRecPass	A/C Pass. Gaz Cylinder Recycle	18.2	L205:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	

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	L205:1	D_RecSw	.	
A54.J1:21	O_PassOnOff	Output HVAC Passenger ON/OFF	18.2	R26:86	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					I_BatMonMod54	A54.J1:24	6.1
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_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	38.1
					I_WebFireComp	A36.JB:14	
A54.J1:4	O_ACWaterPmp	Hvac Water Pump	18.2	D9.A:1	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					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	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A36.JB:5	38.1
					I_IgnKeySw	A36.JB:2	3.2
					I_WebFireComp	A36.JB:14	
A54.J1:5	O_CndSpd1Rel	Condensor Fan Speed 1 Relay	18.2	R10:2	B_BatterySaver	.	
					B_EngineRun	.	
					B_LowVoltage	.	
					B_OneAltCharging	.	

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A54.J1:5	O_CndSpd1Rel	Condensor Fan Speed 1 Relay	18.2	R10:2	B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					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	38.1
					I_FireExt2ndAlm	A44.J1:10	38.1
					I_FireSensorA36	A36.JB:5	38.1
					I_WebFireComp	A36.JB:14	
A54.J1:6	O_RHPRckFan	Right Hand Parcel Rack Fan	18.2		B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					I_PrackFanSw	A41.J1:20	18.2
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	A36.JB:5	38.1
					I_WebFireComp	A36.JB:14	
A54.J1:8	O_PasHeatSol	Passenger Heat Solenoid Valve	18.2	R26:87	B_BatterySaver	.	
					B_EngineRun	.	
					B_OneAltCharging	.	
					B_TstModHvac	.	
					D_AmbTempLSB	.	
					D_AmbTempMSB	.	
					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	38.1

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Module.Pin#	Signal name		Page	Connected devices	Input involved		
A54.J1:8	O_PasHeatSol	Passenger Heat	18.2	R26:87	I_WebFireComp	A36.JB:14	
A55.J1:11	O_SunVisorDrv	Sun Visor Driver	41.1	R43:86	D_Stw_Sw10	.	
A55.J1:12	O_JacobBrk1	Jacob Brake 1	41.1	A81A.JA:21	D_Stw_Sw4	.	
					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	.	