

# MULTIPLEX INPUT 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
A36.JB:11	I_InputTest		9.1	Sw13:3
A36.JB:13	I_BrkLtSeFrSig	Brake Lights Sensor	12.1	
A36.JB:14	I_EngFanSw	Radiator Fan Switch		
A36.JB:2	I_IgnKeySw	Ignition Key switch	3.2	
A36.JB:21	I_RrCutOutSw	Rear Junction Box CutOut Switch	3.2	
A36.JB:22	I_FrEngStaSw	Front Engine Start Switch	3.2	Sw83.D:1
A36.JB:23	I_FireExt1stAl		38.1	
A36.JB:4	I_HazardSw	Hazard Switch	26.1	Sw4:3
A36.JB:5	I_WakeUp	Wake up signal (Fire alarm, horn, keyless module)	9.1	A41.J1:16
A36.JB:6	I_AccKeySw	Accessories Key switch	3.2	
A36.JB:9	I_ParkBrSe	Parking Brake Sensor	12.1	
A41.J1:10	I_FireSensorA36	Fire Sensor On A36	9.1	
A41.J1:17	I_LugDorLkSw	Luggage Door Lock Switch	24.2	
A41.J1:18	I_KeylessLuggUnl	Keyless luggages doors unlock signal	29.1	A31.B:11
A41.J1:19	I_KeylessLockAll	Keyless lock all doors signal	29.1	A31.B:22
A41.J1:2	I_DrvLtSw	Driver Light Switch	19.1	Sw24:3
A41.J1:20	I_LugDorULkSw	Luggage Door Unlock Switch	24.2	
A41.J1:21	I_KeylessEntReq		29.1	A31.B:10
A41.J1:3	I_HornSw	Horn Switch	9.1	
A41.J1:4	I_KeylessDrUnl	Keyless door unlock signal	29.1	A31.A:1
A41.J1:5	I_EntDorOpSe	Entrance Door Open Sensor	29.1	D73.A:1
A41.J1:6	I_KeylessPanic	Keyless panic button signal	29.1	A31.B:8
A41.J1:7	I_KeylessIntru	Keyless intrusion signal	29.1	A31.B:9
A41.J1:8	I_EntDrUnlockSw	Entrance door unlock switch	29.1	
A41.J1:9	I_EntDorLockSw	VIP Entrance Door Lock Switch	29.1	Sw104:6
A42.J1:18	I_EngBrOnSe	Engine Brake ACTIVE Sensor		
A42.J1:19	I_UpperDefFanSw	Upper Defrost Dash Switch	18.1	
A42.J1:5	I_EtherSw	Ether Switch	13.1	Sw23:3
A42.J1:7	I_LevelLowSw	Level low switch	28.1	
A42.J1:8	I_LwWiplntSw	Lower Wiper Intermitant Switch	31.1	Sw1.C258:7
A42.J1:9	I_StopEngSe	Stop Engine Sensor		
A43.J1:20	I_BlinkSw	Courtesy Blink Switch	26.1	Sw1.C258:5
A43.J1:3	I_HiBeamCallSw	Hi/Low Beam Switch	26.1	Sw1.C259:4
A43.J1:4	I_HdLtPos1Sw	Head Light Switch Position Markers	26.1	
A43.J1:6	I_RevAlrmSw	Reverse alarm switch	26.3	
A43.J1:7	I_HornSelectSw	Horn Select switch	9.1	Sw63A:3
A43.J1:8	I_HdLtHiLowBmSw	Head Lights High and Low Beam Switch	26.1	Sw1.C258:8
A44.J1:10	I_FireExt2ndAlm		38.1	A130:11
A45.J1:12	I_HdLtPos2SwLH	Head Light Switch Beam Position 2 LH	26.1	
A45.J1:9	I_LHFishSw	Left Hand Flasher Switch	26.1	
A46.J1:24	I_BatMonMod46		6.1	A46.J1:26
A46.J1:9	I_LwWshSw	Lower Wiper Washer Switch	31.1	Sw1.C258:6
A47.J1:10	I_DefrostHighSw	Passenger defrost speed increase switch	18.1	Sw122:3

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A47.J1:11	I_CoilTherSe	Coil sensing thermostat	18.1	Se52.A:1
A47.J1:12	I_DefrostLowSw	Passenger defrost speed decrease switch	18.1	Sw122:4
A47.J1:14	I_FrontOutTemp	Front outside temperature sensor	18.1	Se50:B
A47.J1:24	I_BatMonMod47		6.1	A47.J1:27
A48.J1:10	I_HdLtPos2SwRH	Head Light Switch Beam Position 2 RH	26.1	
A48.J1:12	I_RHFishSw	Right Hand Flasher Switch	26.1	
A48.J1:9	I_EntDrUnSw	Entrance door unlock switch	29.1	D56.A:1, D56.B:1
A49.J1:3	I_AcDorOpSe	Condensor Door Open Switch		
A49.J1:5	I_LuggDrUnSe	Luggages doors unlock sensor	24.1	Sw113:2, Sw134.B:1, Sw134.A:1
A49.J1:9	I_Alt2Voltage		3.2	
A50.J1:11	I_NeutralSe	Neutral Signal Sensor	15.1	A1:41
A50.J1:12	I_RetdrSig	Retarder Signal	15.1	A1:24
A51.J1:10	I_BrkLtSeRrSig	Brake Lights Sensor	12.1	
A51.J1:12	I_RHFishSwRrSig	RH FlasherSwitch Rear Signal	26.2	
A51.J1:9	I_LHFishSwRrSig	LH FlasherSwitch Rear Signal	26.2	
A52.J1:10	I_EngFanSpd2	Engine Fan Signal Speed 2	13.1	A73.J2:9
A52.J1:11	I_EngCmptLtSw	Engine Compartment Light Switch	25.1	
A52.J1:13	I_AcPresHiSse	Ac Pressure High Side Sensor	18.2	Se23:C
A52.J1:14	I_AcPresLoSse	Ac Pressure Low Side Sensor	18.2	Se24:C
A52.J1:9	I_EngFanSpd1	Engine Fan Signal Speed 1	13.1	A73.J2:10
A53.J1:10	I_RrStrtEnSw	Rear Start Enable Switch	3.2	
A53.J1:11	I_EngStaRrSw	Engine Start Rear Switch	3.2	Sw59:B
A53.J1:12	I_StartLockOut			
A53.J1:24	I_BatMonMod53		6.1	A53.J1:26
A53.J1:9	I_FrStrtEnSw	Front Start Enable Switch	3.2	Sw58:3
A54.J1:14	I_OutDoorTempSe	Outside Temperature Sensor	18.1	Se20:B
A54.J1:24	I_BatMonMod54		6.1	A54.J1:29
A55.J1:1	I_DrvTempSe	Driver Temperature sensor	18.1	Se21:2
A55.J1:10	I_RetarderSel	Retarder Selected	12.1	Sw16:3
A55.J1:17	I_BackUpCamSw	Back up camera switch		
A55.J1:18	I_HeadLmpWshSw		31.1	Sw6:4
A55.J1:2	I_VIPSteerWh5V		32.1	
A55.J1:3	I_VIPSteerWh1		32.1	A20:1
A55.J1:4	I_VIPSteerWh2		32.1	A20:2
A55.J1:6	I_FogLightSw	Fog Lights Switch	26.3	Sw3:3
A55.J1:7	I_CorneringLtSw	Cornering Light Switch	26.3	Sw99:3
A55.J1:8	I_DockingLtSw	Docking Lights Switch	26.3	Sw99:1
A55.J1:9	I_LowDockLtsSw	Low docking lights switch	26.3	Sw102:3
A56.J1:10	I_SldO1CloseSw	Slide-Out 1 Close Sw	20.1	SwSo1.A:4
A56.J1:11	I_SldO1LimitInSe	Slide-Out 1 Limit In Detection Sw	20.1	SESO2.A:2
A56.J1:12	I_SldO1PBrakeSw	Slide-Out 1 Parking Brake Sw	20.1	
A56.J1:13	I_SldO1VacPrSe	Slide-Out 1 Vacuum Pressure Transducer	20.1	SESO1.A:C
A56.J1:14	I_SldO1LimiOutSw	Slide-Out 1 Limit Out Detection Sw	20.1	SESO3.A:2

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A56.J1:15	I_SldO1Supply5v	Slide Out 1 5v Supply	20.1	
A56.J1:24	I_BatMonMod56		6.1	A56.J1:27
A56.J1:9	I_SldO1OpenSw	Slide-Out 1 Open Sw	20.1	SwSo1.A:5
A57.J1:10	I_SldO2CloseSw	Slide-Out 2 Close Sw	20.1	SwSo2.A:4
A57.J1:11	I_SldO2LimitInSe	Slide-Out 2 Limit In Detection Sw	20.1	SES05.A:2
A57.J1:12	I_SldO2PBrakeSw	Slide-Out 2 Parking Brake Sw	20.1	
A57.J1:14	I_SldO2LimiOutSw	Slide-Out 2 Limit Out Detection Sw	20.1	SES06.A:2
A57.J1:15	I_SldO2Supply5v	Slide Out 2 5v Supply	20.1	
A57.J1:24	I_BatMonMod57		6.1	A57.J1:29
A57.J1:9	I_SldO2OpenSw	Slide-Out 2 Open Sw	20.1	SwSo2.A:5
A58.J1:10	I_SldO3CloseSw			
A58.J1:11	I_SldO3LimitInSe			
A58.J1:12	I_SldO3PBrakeSw			
A58.J1:14	I_SldO3LimiOutSw			
A58.J1:15	I_SldO3Supply5v	Slide Out 3 Power Supply		
A58.J1:24	I_BatMonMod58			
A58.J1:9	I_SldO3OpenSw			