

# CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
0A	Evap.Gnd	0P	Relaisinverter	3	DoorLatchSig
00A	GndElectronic	0P1	Relaisinverter	4	WitnessGnd
00A.	GndWitnessSw24	0P2	Inverter_Gnd	4C	HostessChimeSig
00A1	GndElectronic	0PA1	Inverters_Rly_Gnd1	4C1	Host_Notification_Gong
0B	EngineChassisGnd	0PA2	Inverters_Rly_Gnd1	4CWCL	HostessChimeSig
00B	ElectronicGndofMuxModules	0PR	24VtoMux	5	UpperDefrostfan
0B1	GndEnginePreheater	0PR1	EntranceCeilingLtGnd	5vKnee	KneelingLevel
00B1	GndEng.Start	0PR2	GndWatchYourStep	6	GndWitnessSw24
0BB	Trans.FrontAirBrake	0PR3	UpperDefrosterGnd	6VICust	Headset_intercom
0C	GndStarter	0RA2	Gnd_RJB_Stud	7	GndDriverSensor
0CE	ChassisGndtoA47	0RA3	GndWake-upRly	8	GndParkBrakeSol
0Cust	GND	0RB1	LavatoryGnd	9A	EngineDoorOpenSig
00D	RJBArSignal	0RB3	GndMarkersandStopLts	9B	EngineCmpt.Lt
0EV1	GndRlyR20	0RB4	TagUnload	9C	SurgeTankPump
0EV2	GndHvac	0RB5	GndPre-Heat	10	LuggageCmpt.LtsPwr
0EV3	GndPRackLH	0RB6	RJBGndCustomer	10R	LuggageDoorOpenSig
0EV4	GndCondensor	0RB6A	SurgeTankGnd	10Rtn	LuggageDoorOpenSig
0EV6	RHP-RackMotorGnd	0RB6F	Full_LevelSurgeTank	11	DestinationSignPwr
0F	FJBDoorOpenSig	0RB7	12V_Sup	12A	12VDtoR3
0FA1	GndofAccessoires	0RB8	GND_UREA_SYST	12Ecu	12vEngineEcu
0FA4	GndPwrOutlet	0RC2	GndDriverCylinder	12H	DestinationSignPower
0FA5	gndplug12vadditional	0RC3	GndFogandCorneringLtsRH	12IgnSpare	UpperDefrosterGnd
0FA6	POWER_CAPTAIN_CHAIR	0RC4	GndEntranceLights	12ISH	12V_IShift
0FA7	POWER_CAPTAIN_CHAIR	0SA1	AlternatorGnd	12MEM	VSS
0FB1	Gnd_Front_Stud	0SS	VSS_GND	12SS	VSS
0FB2	GndDriverWdo	0SS1	VSS	12SS1	VSS
0FB3	GndMasterId	0SS2	UpperDefrosterGnd	12SS2	VSS
0FB3-2	RoofSpotlightSwitch	0SS3	VSS	12VA	12vEqualizer
0FC1	left/right_luggage_door_lock	0SS9	Sw_Flip_Dwn_Trigger	12VD	12VDtoCB4
0FC3	ElectronicGnd	0SW	GND_Ind_Light	12VD1	12VDFrontWake-up
0FC4	ElectricalHorn	0USB	USB_Gnd	12VD3	12V_Rr_Wup_Relay
0FDS	Driver_seat_optional	0V	LuggageDoorOpenSig	12VD4	12V_Rr_Engine_ECU
0FE	Gnd	0VE	EqualizerGnd	12VDCust	12VDCustomer
0FE2	Gnd	0W	WCLgroung	12VDF	12VDtoFrontVec
0G	GndofA54	0WC	GndWCLRemoteCTRL	12VI	12VtoCB10
0GX	Gnd_Galley	00WM2	Gnd_Wifi_Pwr	12VI1	12VI
0GY	Gnd_Galley	00X	GND	12VI3	PwrOutletDrawer
0H	GroundCoolantSensor	0Y	GndChassistoABSModule	12VI4	PwrOutletandCigarLighter
00IS	Gnd_IShift	0Y2	GndChassisABSSol	12VI5	12VtoVECR
0LAV	Gnd_Light	0Y3	GndChassisABSSol	12VI6	PwrtoModuleA50
0Lav	Gnd_Light	1	Transmission	12VI7	PwrtoModuleA50
0Lav3	GndEmergencyLampsRH	2	CondensordoorOpenSig	12VI8	AirDryer
0Lav4	Gnd_Emerg_Aisle_Reading_LH_Light	2B	CondSndSpdSig	12VI9	TireMonitoringPwr

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12VI10	MirrorPwr	24D	24DtoCB6	24VICust2	RoofSpotlightSwitch
12VI11	12V_Sup	24DS-Emerg	EmergencySign	24VIF	24VltoFrontVEC
12VICust	12VICustomer	24E	24VltoCB1	24VIPR	24VltoA53
12VIF	12VltoFrontVec	24GA	24GA_For_Galley	24WC	WCL24VIPower
12VIF19	DDL_Power	24ISH	12VlgnlShift	24WUp1	24WUpFront
12VIM	PowerOutlet	24IZ	ZFTransmission	24Wup1	24WUpFront
12VIZF	ZFsterringControl	24PV	Inverter	24Wup1B	24Wup1DestinationSign
12W	DoorUnlockSol	24PVA	Inverter	24Wup1G	24Wup1DestinationSign
12WA	DoorFullOpenSig	24SS	VSS	24Wup2	WakeUpPower
12WM1	12V_Wifi_Pwr	24SS3	VSS	24WupSS	24V_Flip_Dwn_Monitor
12WUp1	12VWUptoA48	24VA	24vEquilizer	24XX	24V_5TH_Lugg
12Wup1	12WUpFront	24VB2	24VEnginePreheater	25	EngineRunSignal
12Wup1b	12V_Wireless	24VD	MasterRelayPwr	25A	Alternator_signal
12Wup2	12WUptoDash	24VD1	24VDInsideDoorOpen	25A1	ExcitationSignal
12Wup5	PwrtoModuleA51	24VD2	24VDtoRearVec	25A1D	Alternator_signal
13	GndTransducer	24VD3	24VDofCECM	25A2	Alternator_Signal
14	On_Off_Gateway	24VD4	24VDFrontWake-up	25A2D	Alternator_Signal
14A	FlushingPumpSig	24VD5	24VDtoPre-Heat	25A4	BatteryNotChargingSig
15	UpperWipInt.Signal	24VD6	24VDPre-Heat	26	12VI
15A	UpperWip.1StSpdSig	24VD7	PassandPRackPwr	26A	DriverWdo
16	Speed_Sig	24VD8		26B	DriverWdo
16A	UpperWasherPump	24VD9	24VD	27A	EmergencySwSig
16B	PwrofSensorSpd	24VDCust	24VDCustomer	30A	Galley_Ctrl_Signal
17	UpperWasherSwSignal	24VDR4	Cut_Off_Preheater_Power	31	UnloaderRH
18	Wip.WasherLevel	24VDS	24VD	31B	WiperIntermitentSignal
19A	TagUnload	24VI	24VI	31EE	UpperWipSpd.1
19B	TagUnload	24VI1	24VltoRearVec	32A	TrailerBackupLights
20	AirDryer	24VI2	24VltoSw1	32AA	BackupAlarm
21	FlasherLHSig	24VI3	UpperWip.MotorPwr	32D	ReverseSigtoBackupMonitor
21A	Front_Flasher	24VI4	24Vlgn	32EE	UpperWiperMotor
21AA	Flasher_Front_LH	24VI5	24VltoMuxmodules	34	ParkBrakeReleaseSignal
21B	CorneringLtsLH	24VI6	PwrtoDefrostUnit	34A	OrleanOption
21C	ClearanceLts	24VI7	LowerWiperPwr	35	EntranceDoorLights
22	HazardSwSig	24VI8	24VltoMux	35A	WatchYourStepLts
23	FlasherRHSig	24VI9	24VltoA54	38	24VI
23A	RAMCOMIRRORLED	24VI9A	24VltoA54	39	DriverLtSwSig
23AA	FrontFlasherRHSide	24VI10	DriverRearSeatLampPwr	39D	DriverLt
23B	CorneringLtsRH	24VI11	LavatoryPwr	40	WitnessGnd
23C	ClearanceLts	24VI12	RJBLightPwr	41	24VCondensor
24A	BoosterBlock	24VI13	24VI	41A1	CondensorPwr
24Alt	Pwr_to_Alternators	24VIALT	Alternators	41A2	CondensorPwr
24B	Galley_Main_Pwr	24VICust	24VICustomer	41A3	CondensorPwr
24CO	24COtoSw58	24VICust1	RoofSpotlightSwitch	41A4	CondensorPwr

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43	SuppressingDiode	63AA	ClearanceLts	79A	DecelSignal
43F	WitnessGndSw27	63B	ClearanceLts	80	BrakeRedundant
43G	PRackFanswitchSig	63BB	ClearanceLts	81	HeadLtCallSw1
44	PRackRH	63C	CtrlHeadBacklight	82A	RELS
45	UpperFanSig	64A	Blinker	82B	CyclopeLamp
45A	PassengerHeatSig	65	FootDamper	82Low	StopRearLowerLamp
46	FrontFlasherRh	65A	FootDamper	82Up	TrailerStopSig
46A	VSS	65D	DriverCylinder	83	24vAccessories
47	DoorOpenSignal	65P	Pass.Cylinder	84	StartSigSw83
47A	DoorOpenSignal	65T	SignalToPre-heatrelay	84A	StartSigSw83
48A	DoorOpenSol	66	MarkersSigSw2	84B	StartSigSw83
49	DoorCloseSignal	67	EvaporatorPwr	85	24VIgnition
49A	DoorCloseSol	67A	CondensorPwr	85A	Ign-AccSignal
50	WitnessGndSig	68	DashDamper	85B	Wake-upSig
51	WitnessGnd	68A	DashDamper	85C	PositionNormalSw58
53	LowerWip.Spd1Sig	69	ElectricalHorn	85D	RearStartPwr
53A	ElectricalHorn	69A	HornTogglesig	85E	RearStartSignal
53B	PneumaticHorn	70	SmockingSign	85F	EgnineStartPwrSw58
53C	LowerWip.IntSig	71	UpperDefrostPump	85G	Ign-AccSignal
53D	LowerWip.WasherSwSig	71A	DockingLtsLH	85X	24VIgn
53E	LowerWiper1stSpd	72A	DockingLtsRH	85Z	Trailer_Abs_Ind
53F	LowerWasherPump	72B	Sun_Visor	86	DefrostunitSpd
53G	LowerWip1stSpd	72C	Sun_Visor	86Rtn	GndDefrostUnit
53H	LowerWip.IntSig	73	LavatoryPwr	87	Park_Brake
55	luggagelocksol	73A	RearOccupiedSig	88	TransducerPwr
55R	left/right_luggage_door_lock	73B	RearOccupiedSig	89	DriverSensorSig
57A	WaterPump	74	24VI	90H	24VltoEvap
57G	Pre-HeatWebasto	74A	24VI	90H1	Evaporator
57GA	Pre-HeattoWtrPmpRly	74B	24VI	91	Park_brake_signal
57H	Pre-HeattoWtrPmpRly	74D		91B	WitnessSigSw14
57L	Hi-Beam	75	ReadingLampsRH	92	TrailerParkBrakeSig
57R	High_Beam	75A	HostessChimePwr	93	ReadingLamps
57Rtn	SignalRtnHeadLtsLH	76	FuelLevelSig	95	DockingLTswSig
58L	LowBeam	76C	GndFuelsender	96	CorneringLTswSig
58R	Low_Beam	77	TransducerHi-Side	99	Sw20Gnd
58Rtn	Lamp_Module_Gnd	77AC	A/CClutchGnd	100	
59	Hi/LowBeamSignal	77B	PassandPRackLiquidValve	100A	IndirectLightLH
60	FogsLtsSwSig	77BA	A/CClutch	100B	24VI
61	HeadLtsSig	77C	PassandPRackLiquidValve	101	Starter_Power
62	FrontOccupiedLts	78	StopLightSensorSig	101A	Starter
62B	LavatoryLts	78BA	PassandPRackLiquidValve	101B	Starter
63	ClearanceLts	78BB	PassandPRackLiquidValve	102	Alternator_Power
63A	FrontClearanceLts	79	TranducerLow-Side	102A	Alternator

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CircuitID	Description	CircuitID	Description	CircuitID	Description
103	LowBuoySig	133	Transmission	155	Transmission
104	Pwrl_Shift	135	Transmission	156A	12VtoABS
105	Fog_Light	135A	Transmission	157D	ATCSignal
105A	Fog_Light	136	Transmission	159	Transmission
105ARtn	Fog_Light_Gnd	136A	TransmissionPwr	160	TagSignal
105Rtn	Fog	136AA	ShifterSignal	162	GndServiceBrake
106	Fog_Light	137	Transmission	163A	Retarder
106A	Fog_Light	137A	MirrorPwrSig	163B	RetarderEnable
106Rtn	Fog_Light_gnd	137B	Mirrors	164	HandLevelSig
107	Pwrl_Shift	137C	Mirrors	166	WitnessSigSw16
108	Pwr_Trans_IShift	137D	Mirrors	167	ACB
109	Cmd_Ground	137E	Mirrors	168	ACB
110	12VD_IShift	137F	Mirrors	170C	left/right_luggage_door_lock
111	Transmission	137H	Mirrors	170E	LuggageLockSwSig
114	DriverLt	137J	Mirrors	170H	LuggageUnlockSol
114A	Backlight	137K	Mirrors	170HR	left/right_luggage_door_lock
115	Transmission	137L	RAMCOMIRROR	171	LuggageUnlockSwSig
115A	WitnessPwr	137M	Mirrors	174	Transmission
116	DriverLiq	137N	RAMCOMIRRORLED	175	Transmission
116A	DriverLiq	137P	MIRRORLED	175C	TagUnloadValve
118	Transmission	138	ABSSensor	176	Transmission
119	Transmission	138A	ABSSensor	177	Transmission
120	Transmission	139	Transmission	180	Transmission
122	DigitalClock	140	Transmission	181	PassengerSensor
123	Flame_Detection_Signal	141	ABSSolenoid	185	TransmissionInhibitSig
124A	Starter_Volvo	142	ABSSolenoid	201	Headlampcleaningsignal
124B	Starter_volvo	143	ABSSensor	202	headlampcleaningpump
125	Retarder_active	143A	ABSSensor	203	VannerCtr
126A	KneelingUpSwSig	144	ABSSensor	204	VannerCtr
126B	KneelingDownSwSig	144A	ABSSensor	205	VannerCtr
126F	KneelingDownSol	145	ABSSolenoid	206	VannerCtr
126G	KneelingUpSol	146	ABSSolenoid	207	VannerCtr
126H	KneelingCtrl.Sol	147	ABSSolenoid	208	VannerCtr
126J	KneelingHi-BuoySol	148	ABSSolenoid	209	VannerCtr
126JR	GndKneeling	149	ABSSensor	210	VannerCtr
126P	KneelingBuzzer	149A	ABSSensor	211	VannerCtr
127	Pre-HeatSignal	151	GndtoEcm	225	LavatoryFan
127D	BattCharger	151A	GndtoEcm	225R	InverterRelay
128	Pre-HeatStatus	151B	GndtoEcm	231	Neutral
128B	Pre-HeatTTLT	151C	GndtoEcm	231A	Crank_Signal
129	Sun_visor	151D	CoolantLevelGround	240A	PowertoEcm
130	Sun_visor	152	Transmission	240B	VECU
131	Transmission	154	Transmission	241A	PowertoEcm

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CircuitID	Description	CircuitID	Description	CircuitID	Description
241B	Ureasystem	362	ClusterKeypad	535	WettankPress5v
241C	WaterInFuelHeater	363	ClusterKeypad	536	WettankPressOut
254F	Galley	364	Trans.FrontAirBrake	537	WettankPress5v
260	WindowAjarSig	365	Trans.FrontAirBrake	541	Cruise_Decelerate
290	GndFanClutch	366	Trans.RearAirBrake	544	CruiseOn_OffSignal
290A	GndFanClutch	367	Trans.RearAirBrake	544A	CruiseOn-OffLed
290Rtn	GndMarkersandStopLts	368	AirAccPressureSig	545	Cruise_Resume
291	FanClutch	369	AirAccPressureSig	583	EngineBrakeB
291Rtn	GndMarkersandStopLts	417	ThrottlePositionSignal	600	ABSSensor
292	FanClutch	438	12VIgn	600A	ABSSensor
300	WCLTopLightSliding	439	12Vign	601	ABSSensor
301	WheelChairLiftSwitch	439G	GateWay	601A	ABSSensor
302	WCLRicon	500	Ground/Supply_Detroit/Volvo	602	ABSSteering&Yawsensor
302A	WCLSlidingdoorSig	501	Control_Ground_Relay	603	ABSSteering&Yawsensor
303	WCLRicon	502	IVSOut	604	ABSSteering&Yawsensor
304	WheelChairLift	504	UreaSystem	605	ABSSteering&Yawsensor
304A	WheelChairLift	505	UreaSystem	606	ABSPressuresensor
305	ParkBrakeSol	506	UreaSystem	607	ABSPressuresensor
305A	WCLUpperDoorSignal	507	UreaSystem	608	ABSPressuresensor
306	WCLTopLights	510	FastIdleSignal	610	ABSPressuresensor
307	WCLPower	511	UreaSystem	611	AbsTagSolenoid
308	WCL	512	UreaSystem	612	AbsTagSolenoid
309	WCL	513	UreaSystem	613	AbsTagSolenoid
310	WCL_Lamp	515	GroundPreheaterRelay	614	ABSSteeringSolenoid
313	WCL	516	UreaSystem	614A	ABSSteeringSolenoid
314	WCL_Door_Open_Option	517	UreaSystem	618	HillStartAssistGnd
326A	SunVisor_DriverSW	520	UreaSystem	630A	Galley_Harness
326B	SunVisor_PassSW	521	UreaSystem	631	Galley_Harness
341	PowerProtectionPanel	522	UreaSystem	633	Galley_Harness
342	FireExting.Gnd	523	UreaSystem	633-Res25	Galley_Harness
343	Fire-EngineStopTTL	524C	IdleValidationSig	633A	Galley_Harness
343A	Cut_Off_Preheater	525	UreaSystem	633A-Res24	Galley_Harness
344	ExtinguisherSignal	526	UreaSystem	634	Galley_Harness
345	ManualSignal	526A	UreaSystem	634-Res27	Galley_Harness
346	PowerSensors	526B	UreaSystem	634A	Galley_Harness
346A	WOAFSS	526C	UreaSystem	634A-Res26	Galley_Harness
347	FireSignal	527	UreaSystem	636	Galley_Harness
347A	WOAFSS	528	UreaSystem	636-Res23	Galley_Harness
348	PowerManualSignal	530	UreaSystem	636A	Galley_Harness
351	EngineShout-downSignal	531	UreaSystem	636A-Res22	Galley_Harness
352	OverrideSignal	532	UreaSystem	654	Galley
360	ClusterKeypad	533	Control_Ground_Relay	654A	Galley_Harness
361	ClusterKeypad	534	Control_Ground_Relay	655A	Galley_Harness

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CircuitID	Description	CircuitID	Description	CircuitID	Description
655B	Galley_Harness	D	HandLever	KneeLevel	KneelingLevel
900	J1587	d	BattCharger	KneeRef	KneelingLevel
901	J1587	D1	UpperWiperMotor	L+	VSS
910	L_SPEAKER_HARNESS	DATA+	GndDestinationSign	L+TV	VSS
911	EmergencyCutoutRlySignal	DLOH	Spare	L-	VSS
916	5VSensorPwr	DLOHS	Spare	LF+	VSS
952	GndSensorRtn	DL0L	Spare	LF+LL	VSS
953	Electronic_ground_DDEC_VI	DL0LS	Spare	LF-	VSS
979	EngineBrakeA	DL1H	J1939	LF-LL	VSS
A	HandLever	DL1L	J1939	LightGreen	USB
A65H_Gnd	VSS	DL2H	Can2	LIN	Steering
A65H_L+	VSS	DL2L	Can2	LR+	VSS
A65H_R+	VSS	DL3H	DBusSignal	LR+HS	VSS
AMP	VSS	DL3L	DBusSignal	LR-	VSS
ANT	VSS	DL7H	EngineSubnet	LR-HS	VSS
Audio_Out_HDMI_L+	VSS	DL7L	EngineSubnet	MUTE	VSS
Audio_Out_HDMI_R+	VSS	DL9H	J1939Prop	N1	A41Adress
Audio_Out_HDMI_R-L-	VSS	DL9L	J1939Prop	N2	A41Adress
AuxVideoGnd	VSS	Down	cluster	N3	A42Adress
AuxVideoL	VSS	Drain	Audio	N4	A42Adress
AuxVideoR	VSS	DSL+++	VSS	N5	A43Adress
B	HandLever	DSL---	VSS	N6	A43Adress
BKK1	VSS	DSR+++	VSS	N7	A44Adress
BLACK	120VACOUTLET	DSR---	VSS	N8	A44Adress
Black	USB_Gnd	DVD_GND	VSS	N9	A45Adress
BLK1	VSS	DVD_Gnd	VSS	N10	A45Adress
BLK2	VSS	DVD_L+	VSS	N11	A46Adress
BikFR	TPMS	DVD_R+	VSS	N12	A46Adress
BikRL	TPMS	E	HandLever	N13	A47Adress
BikRR	TPMS	e	BattCharger	N14	A47Adress
BLUE	UpperDefrosterGnd	Escape	cluster	N15	A48Adress
Blue	Audio	F	HandLever	N16	A48Adress
Bref1	PassengerSensor	f	BattCharger	N17	A49Adress
Bref2	PassengerSensor	FAKE	L_SPEAKER_HARNESS	N18	A49Adress
BussBar	24VEnginePreheater	FAKE1	R_SPEAKER_HARNESS	N19	A50Adress
C	HandLever	G	HandLever	N20	A50Adress
CAN1-HI	J1939_Gateway	GndA	ComputerSignals	N21	A51Adress
CAN1-LO	J1939_Gateway	GREEN	120VAC_Outlets	N22	A51Adress
Cd1	ComputerSignals	Green	USB	N23	A52Adress
Chgr	BattCharger	Green/White	USB	N24	A52Adress
COM	GndDestinationSign	GRN1	VSS	N25	A53Adress
CTS	MCMInterface	GRN2	VSS	N26	A53Adress
Cts	ComputerSignals	H	HandLever	N27	A54Adress

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CircuitID	Description	CircuitID	Description	CircuitID	Description
N28	A54Address	RF-LL	VSS	SP143	Galley_Spare_Wire
N29	A36Address	RR	Ext_Speaker	SP144	Galley_Spare_Wire
N30	A55_Address	RR+	VSS	SP145	Galley_Spare_Wire
N31	A55_Address	RR+HS	VSS	spare2	SparesFr-to-RearHarness
NEG	GndDestinationSign	RR-	VSS	spare3	SparesFr-to-RearHarness
NETWORK1	CELL_ANTENNA_1	RR-HS	VSS	spare4	SparesEvap.Harness
NETWORK2	CELL_ANTENNA_2	RTS	MCMInterface	spare5	SparesEvap.Harness
OFA6	POWER_CAPTAIN_CHAIR	Rts	ComputerSignals	spare6	SparesEvap.Harness
OFB1	Gnd_Front_Stud	RX	TPMS	spare7	SparesEvap.Harness
OFB3	GND_TPMS	RxD	ComputerSignals	spare8	SparesEvap.Harness
OP1	POWER_CAPTAIN_CHAIR	RxTx	MCMInterface	spare9	SparesEvap.Harness
OP2	POWER_CAPTAIN_CHAIR	SE1	Ext_Speaker	spare10	SparesInteriorLtsHarness
OP3	POWER_CAPTAIN_CHAIR	Select	cluster	spare11	SparesInteriorLtsHarness
OP4	POWER_CAPTAIN_CHAIR	SH1	I_ShiftGearLevelSignal	spare12	SparesInteriorHarness
OP12VI	POWER_CAPTAIN_CHAIR	SH2	I_ShiftGearLevelSignal	spare13	SparesInteriorHarness
OR	TagUnloadValve	SH3	I_ShiftGearLevelSignal	spare14	SparesInteriorHarness
ORB4	TagUnload	SH4	I_ShiftGearLevelSignal	spare15	SparesInteriorHarness
PB1	ParkBrakeNotApplyInd	SH5	I_ShiftGearLevelSignal	spare16	SparesInteriorHarness
Pink	USB	SH6	I_ShiftGearLevelSignal	spare17	SparesFr-to-RearHarness
POS	GndDestinationSign	SH7	I_ShiftGearLevelSignal	spare18	SparesFr-to-RearHarness
PP1	InverterPwr	SH8	I_ShiftGearLevelSignal	spare19	SparesFr-to-RearHarness
R+	VSS	SHIELD	GndDestinationSign	spare20	SparesClearanceLts
R+TV	VSS	Shield	Shield	spare21	SparesClearanceLts
R-	VSS	Shield1	Shield	spare22	SparesClearanceLts
Radio_Gnd	VSS	Shield_PS	Shield	spare23	SparesClearanceLts
Radio_L+	VSS	Shield_T1	Shield	spare24	SparesClearanceLts
Radio_R+	VSS	Shield_T2	Shield	spare25	SparesClearanceLts
RadioAudioGnd	VSS	Shield_T3	Shield	spare32	SparesFrontHarness
RadioL+	VSS	Shiels_T2	Shield	spare33	SparesFrontHarness
RadioR+	VSS	SHL2	VSS	spare39	SparesDash
RED	UpperDefrosterGnd	SL13	L_SPEAKER_HARNESS	spare40	SparesDash
Red	USB	SL24	L_SPEAKER_HARNESS	spare41	SparesDash
RED1	VSS	SL35	L_SPEAKER_HARNESS	spare42	SparesDash
RED2	VSS	SL46	L_SPEAKER_HARNESS	spare43	SparesDash
RedFR	TPMS	SL57	L_SPEAKER_HARNESS	spare44	SparesDash
RedRL	TPMS	SL68	L_SPEAKER_HARNESS	spare45	SparesFr-to-RearHarness
RedRR	TPMS	SL1012	L_SPEAKER_HARNESS	spare46	SparesFr-to-RearHarness
Ref2	GndPassengerSensor	SL1113	L_SPEAKER_HARNESS	spare49	SparesEngineCradle
Res12	ResSw155	SL1214	L_SPEAKER_HARNESS	spare50	SparesEngineCradle
ResGnd	ResSw155	SL1315	L_SPEAKER_HARNESS	spare51	SparesEngineCradle
RF+	VSS	SL1416	L_SPEAKER_HARNESS	spare52	SparesEngineCradle
RF+LL	VSS	sp52	EvaporatorEngageSig	spare53	SparesEngineCradle
RF-	VSS	SP142	Galley_Spare_Wire	spare54	SparesEngineCradle

# CIRCUITS LIST

CircuitID	Description	CircuitID	Description
spare55	SparesEnginesAccessories	TxD	MCMInterface
spare56	SparesEnginesAccessories	Up	cluster
spare57	SparesEnginesAccessories	V111	12V_Sup
spare58	SparesEnginesAccessories	WC2	WCLRemoteCtrl
spare59	SparesEnginesAccessories	WC3	WCLRemoteCtrl
spare60	SparesEnginesAccessories	WC4	WCLRemoteCtrl
spare61	SparesEnginesAccessories	WC6	WCLRemoteCtrl
spare62	spareABSHarness	WC7	WCL
spare63	spareABSHarness	WHITE	120VAC_Outlets
spare64	SapreTransmission	White	USB
spare65	SparesTransmission	WHT1	VSS
spWcl1	SpareWCL	WHT2	VSS
spWcl2	SpareWCL	WhtFR	dataTPMS
SR13	FR_SPEAKER_HARNESS_	WhtRL	dataTPMS
SR24	FR_SPEAKER_HARNESS_	WhtRR	dataTPMS
SR35	FR_SPEAKER_HARNESS_	zf1	SteeringCtrl
SR46	FR_SPEAKER_HARNESS_	zf2	SteeringCtrl
SR57	FR_SPEAKER_HARNESS_		
SR68	FR_SPEAKER_HARNESS_		
SR911	R_SPEAKER_HARNESS_WCL		
SR1012	R_SPEAKER_HARNESS_WCL		
SR1113	R_SPEAKER_HARNESS_WCL		
SR1214	R_SPEAKER_HARNESS_WCL		
SR1315	R_SPEAKER_HARNESS_WCL		
SR1416	R_SPEAKER_HARNESS_WCL		
STO_LOC	WCL		
Sub1+	VSS		
Sub1-	VSS		
Sub2+	VSS		
Sub2-	VSS		
TrigAux	VSS		
TrigCam	VSS		
TrigDVD	VSS		
TrigDvd	VSS		
TrigNav	VSS		
TrigPA	VSS		
TrigPaDr	VSS		
TrigTv	VSS		
TV_GND	TV_Audio_Signal_Gnd		
TV_L+	VSS		
TV_R+	VSS		
TvGnd	TV_Audio_Signal_Gnd		
TX	TPMS		