

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
1	Gnd	OFA6	POWER_CAPTAIN_CHAIR	OSS2	VSS
1A	Strobe	OFA7	POWER_CAPTAIN_CHAIR	OSS3	VSS
1B	Strobe	0FB1	GndMirrors	0USB	USB_Gnd
1C	Strobe	0FB2	GndFanRoof1	0V	LuggageDoorOpenSig
1D	Strobe	0FB2-D	GndFanRoof1	0VE	EqualizerGnd
2	CondensorDoorOpenSig	0FB3	GndMasterId	0W	WCLGnd
2A	Strobe	0FC1	left/right_luggage_door_lock	0WC	WCLGnd
2B	CondSndSpdSig	0FC4	ElectricalHorn	0Y	GndChassistoABSModule
2C	Strobe	0FDS	Driver_seat_optional	10	LuggageCmpt.LtsPwr
2D	Strobe	0FE	Gnd	10A	LuggageCmpt.LtsPwr
3	DoorLatchSig	0FE2	Gnd	10R	LuggageDoorOpenSig
3A	Strobe	0G	GndofA54	11	24V
3B	Strobe	0H	GroundCoolantSensor	12A	12VDtoR3
3C	Strobe	00IS	Gnd_IShift	12B	12VDtoCB4
3D	Strobe	0Lav	GndReadingLamps	12Ecu	12vEngineEcu
4A	SOUND_SYSTEM	0Lav1	GndDirectLights	12H	DestinationSignPower
4C	HostessChimeSig	0Lav2	GndAisleLamps	12IgnSpare	VSS
5	UpperDefrostfan	0Lav3	GndEmergencyLampsRH	12ISH	12V_IShift
5vKnee	KneelingLevel	0Lav4	GndAisleLampsLH	12MEM	VSS
6	GndWitnessSw24	0MUSB	USB_Main_Gnd	12SS	VSS
7	GndDriverSensor	0P	Galley	12SS1	VSS
8	GndParkBrakeSol	0PR1	EntranceCeilingLtGnd	12SS2	VSS
9A	EngineDoorOpenSig	0PR2	GndWatchYourStep	12VA	12vEqualizer
9B	EngineCmpt.Lt	0PR3	UpperDefrosterGnd	12VD1	12VDFrontWake-up
9C	SurgeTankPump	0RA2	GND_RJB	12VD3	12vRearwake-up
0A	Evap.Gnd	0RA3	GndR1-R3	12VD4	12V_Engine_ECU
00A	GndElectronic	0RB1	LavatoryGnd	12VDCust	12VDCustomer
0B	EngineChassisGnd	0RB3	GndMarkersandStopLts	12VDF	12VDtoFrontVec
00B	ElectronicGndofMuxModules	0RB4	Relaisinverter	12V1	12V1toCB10
0BB	Trans.FrontAirBrake	0RB5	GndPre-Heat	12V11	12V1
0BF	Preaheter_Fuel_Filter_GND	0RB6	RJBGndCustomer	12V13	PwrOutletDrawer
0C	GndStarter	0RB6A	GndCustomer	12V14	PwrOutletandCigarLighter
0CE	ChassisGndtoA47	0RB6F	GndCustomer	12V15	12V1toVECR
00D	RJBajarSignal	0RB7	GndToEcm	12V16	PwrtoModuleA50
0EV1	GndFlashersandMarkersCenter	0RB8	GndtoACM	12V17	PwrtoModuleA50
0EV2	GndHvac	0RB8A	GndtoACM	12V19	TireMonitoringPwr
0EV3	GndPRackLH	0RB8B	GndtoACM	12V110	MirrorPwr
0EV4	GndCondensor	0RC2	GndDriverCylinder	12V111	12V_Sup
0EV6	RHP-RackMotorGnd	0RC3	GndFogandCorneringLtsRH	12V1250	Preheat_Fuel_Filtr_Pwr
0F	FJBDoorOpenSig	0RC4	GndEntranceLights	12VICust	12VICustomer
0FA1	GndofAccessoires	0SA1	AlternatorGnd	12VIF	12V1toFrontVec
0FA4	GndPwrOutlet	0SS	VSS_GND	12VIF19	DDL_Power
0FA5	gndplug12vadditional	0SS1	VSS	12VIM	PowerOutlet

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CircuitID	Description	CircuitID	Description	CircuitID	Description
12VIZF	ZFsterringControl	24RHF	Roof_Hatch_Fan_Option	24VICust	24VICustomer
12W	DoorUnlockSol	24RHF1	Roof_Hatch	24VIF	24VitoFrontVEC
12WA	DoorFullOpenSig	24RHF1-D	Roof_Hatch	24WC	WCL24VIPower
12WUp1	12VWUptoA48	24RHF2	FanRoof2toSW306	24WUp1	24WUpFront
12Wup1	12WUpFront	24RHF2-D	Roof_Hatch	24Wup1	24WUpFront
12Wup1b		24SS	VSS	24Wup2	WakeUpPower
12Wup2	12WUptoDash	24SS3	VSS	24WupSS	VSS
12Wup5	PwrtoModuleA51	24VA	24vEquilizer	25	EngineRunSignal
13	SignalToPre-heatrelay	24VB	24VEnginePreheater	25A1	ExcitationSignal
14A	FlushingPumpSig	24VB1	24VEnginePreheater	25A1D	Alternator_signal
15	UpperWipInt.Signal	24VB2	24VEnginePreheater	25A2	Alternator_Signal
15A	UpperWip.1StSpdSig	24VD	24VD	25A2D	Alternator_Signal
16	Speed_Sig	24VD1	24VDInsideDoorOpen	25A4	BatteryNotChargingSig
16A	UpperWasherPump	24VD2	24VDtoRearVec	26	12VI
16B	PwrofSensorSpd	24VD3	24VDofCECM	26A	DriverWdo
17	UpperWasherSwSignal	24VD4	24VDFrontWake-up	26B	DriverWdo
18	Wip.WasherLevel	24VD5	24VDtoPre-Heat	27A	EmergencySwSig
19A	TagUnload	24VD6	24VDPre-Heat	30A	Galley
19B	TagUnload	24VD7	PassandPRackPwr	31	UnloaderRH
20	AirDryer	24VD8	UreaPowerACM	31B	WiperIntermitentSignal
21	FlasherLHSig	24VD8A	UreaPowerACM	31EE	UpperWipSpd.1
21A	Front_Flasher	24VD8B	UreaPowerACM	32A	BackupLtandalarm
21AA	Flasher_Front_LH	24VD9	24VD	32D	ReverseSigtoBackupMonitor
21B	CorneringLtsLH	24VDALT	Alternators	32EE	UpperWiperMotor
21C	ClearanceLts	24VDCust	24VDCustomer	33	UnloaderLH
22	HazardSwSig	24VDR4	Cut_Off_Preheater_Power	34	ParkBrakeReleaseSignal
23	FlasherRHSig	24VDS	24VD	34A	OrleanOption
23A	RAMCOMIRRORLED	24VI	24VI	35	EntranceDoorLights
23AA	FrontFlasherRHSide	24VI1	24VitoRearVec	35A	WatchYourStepLts
23B	CorneringLtsRH	24VI2	24VitoSw1	38	DirectLights
23C	ClearanceLts	24VI3	UpperWip.MotorPwr	38A	DirectLights
24	MasterRelayPwr	24VI4	24VIgn	38AA	DirectLights
24A	BoosterBlock	24VI5	24VlofMuxmodules	38BB	DirectLightsLH
24CO	Pwr_to_Alternators	24VI6	PwrtoDefrostUnit	38C	DirectLightSwSig
24D	24DtoCB6	24VI7	LowerWiperPwr	39	DriverLtSwSig
24E	24VitoCB1	24VI8	24VitoMux	39D	DriverLt
24GA	Galley	24VI9	24VlofA54	40	WitnessGnd
24ISH		24VI9A	24VlofA54	41	24VCondensor
24IZ	ZFTransmission	24VI9B	24VlofA54	41A1	CondensorPwr
24MUSB		24VI10	24VI	43	SuppressingDiode
24P	Galley_Power	24VI12	RJBLightPwr	43F	WitnessGndSw27
24PV	Galley	24VI13	24VI	43G	PassandPRackLiquidValve
24PVA	Relaisinverter	24VIA	Cut-outPneumaticAcc	43H	PassandPRackLiquidValve

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CircuitID	Description	CircuitID	Description	CircuitID	Description
44	P-RackLHFan	63C	CtrlHeadBacklight	77C	PassandPRackLiquidValve
45	UpperFanSig	64	EmergencyLampsSig	78	StopLightSensorSig
45A	PassengerHeatSig	64A	Blinker	79	GndServiceBrake
46	FrontFlasherRh	65	FootDamper	79A	DecelSignal
46A	VSS	65A	FootDamper	80	BrakeRedundant
47	DoorOpenSignal	65D	DriverCylinder	81	HeadLtCallSw1
47A	DoorOpenSignal	65P	Pass.Cylinder	82A	RELS
48A	DoorOpenSol	66	MarkersSigSw2	82B	CyclopeLamp
49	DoorCloseSignal	67	EvaporatorPwr	82Low	StopRearLowerLamp
49A	DoorCloseSol	67A	Condensor1stSpdSig	82UP	FrontTrailerStopSig
50	WitnessGndSig	68	DashDamper	82Up	TrailerStopSig
51	WitnessGnd	68A	DashDamper	83	24vAccessories
53	LowerWip.Spd1Sig	69	ElectricalHorn	84	StartSigSw83
53A	ElectricalHorn	69A	HornTogglesig	84A	StartSigSw83
53B	PneumaticHorn	70A	HatRackLighting	84B	StartSigSw83
53C	LowerWip.IntSig	70B	HatRackLighting	85	24VIgnition
53D	LowerWip.WasherSwSig	70C	HatRackLighting	85A	Ign-AccSignal
53E	LowerWiper1stSpd	70D	HatRackLighting	85B	Ign-AccSignal
53F	LowerWasherPump	70E	GndHatRackLamps	85C	PositionNormalSw58
53G	LowerWip1stSpd	70F	GndHatRackLamps	85D	RearStartPwr
53H	LowerWip.IntSig	70G	GndHatRackLamps	85E	RearStartSignal
55	LuggageLockSol	70H	GndHatRackLamps	85F	Engine_Start_Pwr_SW58
55R	left/right_luggage_door_lock	70J	GndHatRackLamps	85G	Ign-AccSignal
57A	WaterPump	71	UpperDefrostPump	85X	24VIgn
57G	Pre-HeatWebasto	71A	DockingLtsLH	85Z	Trailer_Abs_Ind
57GA	Pre-HeattoWtrPmpRly	72A	DockingLtsRH	86	DefrostunitSpd
57H	Pre-HeattoWtrPmpRly	72B	Sun_Visor	86Rtn	GndDefrostUnit
57L	Hi-Beam	72C	Sun_Visor	87	Park_Brake
57R	High_Beam	73	HostessChimePwr	88	TransducerPwr
57Rtn	SignalRtnHeadLtsLH	73A	RearOccupiedSig	89	DriverSensorSig
58L	LowBeam	73B	RearOccupiedSig	90H	24VtoEvap
58R	Low_Beam	74	ReadingLampSig	90H1	Evaporator
58Rtn	Lamp_Module_Gnd	74A	ReadingLamp	90H1H	SuppressingDiode
59	Hi/LowBeamSignal	74B	ReadingLamp	91	Park_brake_signal
60	FogsLtsSwSig	74C	ReadingLamp	91B	WitnessSigSw14
61	HeadLtsSig	74D	ReadingLamp	92	TrailerParkBrakeSig
62	FrontOccupiedLts	75	ReadingLampsRH	95	DockingLTSwSig
62B	LavatoryLts	75A	ReadingLampsLH	96	CorneringLTSwSig
63	ClearanceLts	76	FuelLevelSig	99	Sw20Gnd
63A	FrontClearanceLts	76C	GndFuelsender	00A1	GndElectronic
63AA	ClearanceLts	77	TransducerHi-Side	0B1	GndEnginePreheater
63B	ClearanceLts	77B	PassandPRackLiquidValve	00B1	GndEng.Start
63BB	ClearanceLts	77BA	A/CClutch	0G1	Galley

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CircuitID	Description	CircuitID	Description	CircuitID	Description
OP2	Inverter_Gnd	125	Retarder_active	138	Transmission
OV1	LuggageDoorOpenSig	126A	KneelingUpSwSig	138A	ABSSensor
OV2	LuggageDoorOpenSig	126B	KneelingDownSwSig	139	Transmission
OV3	LuggageDoorOpenSig	126F	KneelingDownSol	140	Transmission
OY2	GndChassisABSSol	126G	KneelingUpSol	141	Transmission
OY3	GndChassisABSSol	126H	KneelingCtrl.Sol	142	ABSSolenoid
100	IndirectLights	126J	KneelingHi-BuoySol	143	ABSSensor
100A	IndirectLight	126JR	GndKneeling	143A	ABSSensor
100B	IndirectLightLH	126P	KneelingBuzzer	144	ABSSensor
100C	IndirectLightsSig	127	Transmission	144A	ABSSensor
100D	IndirectLight	127D	BattCharger	145	ABSSolenoid
101	Starter_Power	128	Pre-HeatStatus	146	ABSSolenoid
101A	Starter	128B	Pre-HeatTTLT	147	ABSSolenoid
101B	Starter	129	Sun_visor	148	Transmission
102	Alternator_Power	130	Sun_visor	149	Transmission
102A	Alternator	131	Transmission	149A	ABSSensor
103	LowBuoySig	133	Transmission	150	Transmission
104	PwrI_Shift	133A	Galley	151	GndtoEcm
105	Fog_Light	133B	Galley	151A	GndtoEcm
105A	Fog_Light	133C	Galley	151B	GndtoEcm
105ARtn	Fog_Light_Gnd	134	Galley	151C	GndtoEcm
105Rtn	Fog	134A	Galley	151D	CoolantLevelGround
106	Fog_Light	134B	Galley	152	Transmission
106A	Fog_Light	135	Transmission	153	12VI
106Rtn	Fog_Light_gnd	135A	Transmission	154	Transmission
107	PwrI_Shift	136	Transmission	155	Transmission
108	Pwr_Trans_IShift	136A	TransmissionPwr	156A	12VtoABS
109	Cmd_Ground	136AA	ShifterSignal	157D	ATCSignal
110	12VD_IShift	136C	Galley	159	Transmission
111	Transmission	137	Transmission	160	TagSignal
114	DriverLt	137A	MirrorPwrSig	163A	Retarder
114A	Backlight	137B	Mirrors	163B	RetarderEnable
115	Transmission	137C	Mirrors	164	HandLevelSig
115A	WitnessPwr	137D	Mirrors	166	WitnessSigSw16
115W	Check_Transmission	137E	Mirrors	167	ACB
116	DriverLiq	137F	Mirrors	168	ACB
116A	DriverLiq	137H	Mirrors	170C	left/right_luggage_door_lock
118	Transmission	137J	Mirrors	170E	LuggageLockSwSig
119	Transmission	137K	Mirrors	170H	LuggageUnlockSol
120	Transmission	137L	RAMCOMIRROR	170HR	left/right_luggage_door_lock
122	DigitalClock	137M	Mirrors	171	LuggageUnlockSwSig
123	Flame_Detection_Signal	137N	RAMCOMIRRORLED	174	Transmission
124A	Transmission	137P	MIRRORLED	175	Transmission

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CircuitID	Description	CircuitID	Description	CircuitID	Description
175C	TagUnload	307	WCLPower	513	UreaSystem
176	Transmission	307A	WCL	515	GroundPreheaterRelay
177	Transmission	308	WCL	516	UreaSystem
180	Transmission	309	WCL	517	UreaSystem
181	PassengerSensor	311	WCL_Power	518	UreaSystem
185	TransmissionInhibitSig	311A	WCL	519	UreaSystem
197	FuelFilterSig	313	WCL	520	UreaSystem
201	Headlampcleaningsignal	314	WCL	521	UreaSystem
202	headlampcleaningpump	341	PowerProtectionPanel	522	UreaSystem
225	LavatoryFan	342	FireExting.Gnd	523	UreaSystem
225R		343	Fire-EngineStopTTL	524C	IdleValidationSig
231	Neutral	343A	Cut_Off_Preheater	525	UreaSystem
231A	Crank_Signal	344	ExtinguisherSignal	526	UreaSystem
240A	PowertoEcm	345	ManualSignal	526A	UreaSystem
240B	CPC_Supply	346	PowerSensors	526B	UreaSystem
241A	PowertoEcm	347	FireSignal	526C	UreaSystem
241B	24VoltIgnition	348	PowerManualSignal	527	UreaSystem
241C	WaterInFuelHeater	351	EngineShout-downSignal	528	UreaSystem
253	Galley	352	OverrideSignal	530	UreaSystem
253A	Galley	360	ClusterKeypad	531	UreaSystem
253j	SWInverter	361	ClusterKeypad	532	UreaSystem
254	Galley	362	ClusterKeypad	541	Cruise_Decelerate
254F	Galley	363	ClusterKeypad	544	CruiseOn_OffSignal
255	Galley	364	Trans.FrontAirBrake	544A	CruiseOn-OffLed
255B	Galley	365	Trans.FrontAirBrake	545	Cruise_Resume
255BA	Galley	366	Trans.RearAirBrake	583	EngineBrakeB
260	WindowAjarSig	367	Trans.RearAirBrake	600	ABSSensor
290	GndFanClutch	368	AirAccPressureSig	600A	ABSSensor
290A	GndFanClutch	369	AirAccPressureSig	601	ABSSensor
290Rtn	GndMarkersandStopLts	417	ThrottlePositionSignal	601A	ABSSensor
291	FanClutch	439	12VtoABS	602	ABSSteering&Yawsensor
291Rtn	GndMarkersandStopLts	439G	GateWay	603	ABSSteering&Yawsensor
292	FanClutch	485A	Dest_sign	604	ABSSteering&Yawsensor
300	WCLTopLightSliding	485B	Dest_sign	605	ABSSteering&Yawsensor
301	WheelChairLiftSwitch	500	Ground/Supply_Detroit/Volvo	606	ABSPressuresensor
302	WCLRicon	501	Control_Ground_Relay	607	ABSPressuresensor
302A	WCLSlidingdoorSig	502	IVSOut	608	ABSPressuresensor
303	WCLRicon	505	UreaSystem	610	ABSPressuresensor
304	WheelChairLift	506	UreaSystem	611	AbsTagSolenoid
304A	WCL	507	UreaSystem	612	AbsTagSolenoid
305	ParkBrakeSol	510	FastIdleSignal	613	AbsTagSolenoid
305A	WCLUpperDoorSignal	511	UreaSystem	614	ABSSteeringSolenoid
306	WCLTopLights	512	UreaSystem	614A	ABSSteeringSolenoid

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CircuitID	Description	CircuitID	Description	CircuitID	Description
615	ABTrailersolenoid	BlkRR	TPMS	GREEN	120VACOUTLET
616	ABTrailersolenoid	Blue	Audio	Green	USB
617	ABTrailersolenoid	Bref1	PassengerSensor	Green/White	USB
618	HillStartAssistsignal	Bref2	PassengerSensor	GRN1	VSS
618Rtn	HillStartAssistGnd	C	HandLever	GRN2	VSS
900	J1587	Cd1	ComputerSignals	H	HandLever
901	J1587	Chgr	BattCharger	HOSTESS	HostessPwr
910	L_SPEAKER_HARNESS	COM	Destination_Sign	J1939PH	J1939Prop
911	EmergencyCutoutRlySignal	com	Destination_Sign	J1939PL	J1939Prop
916	5VSensorPwr	CTS	MCMInterface	KneeLevel	KneelingLevel
952	GndSensorRtn	Cts	ComputerSignals	KneeRef	KneelingLevel
953	Electronic_ground_DDEC_VI	D	HandLever	L+	VSS
979	EngineBrakeA	d	BattCharger	L+TV	VSS
A	HandLever	D1	UpperWiperMotor	L-	VSS
AMP	VSS	DL1H	J1939	LF+	L_SPEAKER_HARNESS
ANT	VSS	DL1L	J1939	LF+LL	VSS
AuxVideoGnd	VSS	DL2H	BB2	LF-	VSS
AuxVideoL	VSS	DL2L	BB2	LF-LL	VSS
AuxVideoR	VSS	DL3H	DBusSignal	LightGreen	USB
B	HandLever	DL3L	DBusSignal	LIN	Steering
B1A	DirectLighting	DL7H	EngineCan2	LR+	VSS
B1B	DirectLighting	DL7L	EngineCan2	LR+HS	VSS
B2A	DirectLighting	DLOH	Spare	LR-	VSS
B2B	DirectLighting	DLOL	Spare	LR-HS	VSS
B3A	DirectLighting	Down	cluster	MUTE	VSS
B3B	DirectLighting	Drain	Audio	N1	A41Address
B4A	DirectLighting	DSL+++	VSS	N2	A41Address
B4B	DirectLighting	DSL---	VSS	N3	A42Address
B5A	DirectLighting	DSR+++	VSS	N4	A42Address
B5B	DirectLighting	DSR---	VSS	N5	A43Address
B6A	DirectLighting	DVD_GND	VSS	N6	A43Address
B6B	DirectLighting	DVD_Gnd	VSS	N7	A44Address
B7A	DirectLighting	DVD_L+	VSS	N8	A44Address
B7B	DirectLighting	DVD_R+	VSS	N9	A45Address
BKK1	VSS	E	HandLever	N10	A45Address
BLACK	Starter_Volvo	e	BattCharger	N11	A46Address
Black	USB_Gnd	Escape	cluster	N12	A46Address
Black1		F	HandLever	N13	A47Address
Black2		f	BattCharger	N14	A47Address
BLK1	VSS	FAKE	L_SPEAKER_HARNESS	N15	A48Address
BLK2	VSS	FAKE1	R_SPEAKER_HARNESS	N16	A48Address
BlkFR	TPMS	G	HandLever	N17	A49Address
BlkRL	TPMS	GndA	ComputerSignals	N18	A49Address

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CircuitID	Description	CircuitID	Description	CircuitID	Description
N19	A50Address	Red1		sp52	EvaporatorEngageSig
N20	A50Address	RED2	VSS	spare2	SparesFr-to-RearHarness
N21	A51Address	Red2		spare3	SWInverter
N22	A51Address	RedFR	TPMS	spare4	SparesEvap.Harness
N23	A52Address	RedRL	TPMS	spare5	SparesEvap.Harness
N24	A52Address	RedRR	TPMS	spare6	SparesEvap.Harness
N25	A53Address	Ref2	GndPassengerSensor	spare7	SparesEvap.Harness
N26	A53Address	RF+	VSS	spare8	SparesEvap.Harness
N27	A54Address	RF+LL	VSS	spare9	SparesEvap.Harness
N28	A54Address	RF-	VSS	spare10	SparesInteriorLtsHarness
N29	A36Address	RF-LL	VSS	spare11	SparesInteriorLtsHarness
N30	A55_Address	RR	Ext_Speaker	spare12	SparesInteriorHarness
N31	A55_Address	RR+	VSS	spare13	SparesInteriorHarness
NETWORK1		RR+HS	VSS	spare14	SparesInteriorHarness
NETWORK2		RR-	VSS	spare15	SparesInteriorHarness
OFA6	POWER_CAPTAIN_CHAIR	RR-HS	VSS	spare16	SparesInteriorHarness
OFB1	RAMCOMIRROR	RTS	MCMInterface	spare17	FrontTrailerMarkers
OFB2	GndFanRoof1	Rts	ComputerSignals	spare18	FrontTrailerFlashRH
OFB2-D	GndFanRoof2	RX	TPMS	spare19	FrontTrailerFlashLH
OFB3	GND_TPMS	RxD	ComputerSignals	spare20	SparesClearanceLts
OP1	POWER_CAPTAIN_CHAIR	RxTx	MCMInterface	spare21	SparesClearanceLts
OP2	POWER_CAPTAIN_CHAIR	SE1	Ext_Speaker	spare22	SparesClearanceLts
OP3	POWER_CAPTAIN_CHAIR	Select	cluster	spare23	SparesClearanceLts
OP4	POWER_CAPTAIN_CHAIR	SH1	I_ShiftGearLevelSignal	spare24	SparesClearanceLts
OP12VI	POWER_CAPTAIN_CHAIR	SH2	I_ShiftGearLevelSignal	spare25	SparesClearanceLts
OPR1	GndDestinationSign	SH3	I_ShiftGearLevelSignal	spare32	SparesFrontHarness
OPST	Strobe	SH4	I_ShiftGearLevelSignal	spare33	SparesFrontHarness
OR	TagUnloadValve	SH5	I_ShiftGearLevelSignal	spare39	SparesDash
ORB4	TagUnload	SH6	I_ShiftGearLevelSignal	spare40	SparesDash
Pink	USB	SH7	I_ShiftGearLevelSignal	spare41	SparesDash
PP1	InverterPwr	SH8	I_ShiftGearLevelSignal	spare42	SparesDash
R+	VSS	SHL2	VSS	spare43	SparesDash
R+TV	VSS	SL13	L_SPEAKER_HARNESS	spare44	SparesDash
R-	VSS	SL24	L_SPEAKER_HARNESS	spare45	SparesFr-to-RearHarness
RadioAudioGnd	VSS	SL35	L_SPEAKER_HARNESS	spare46	SparesFr-to-RearHarness
RadioL+	VSS	SL46	L_SPEAKER_HARNESS	spare49	SparesEngineCradle
RadioR+	VSS	SL57	L_SPEAKER_HARNESS	spare50	SparesEngineCradle
Radio_Gnd	VSS	SL68	L_SPEAKER_HARNESS	spare51	SparesEngineCradle
Radio_L+	VSS	SL1012	L_SPEAKER_HARNESS	spare52	SparesEngineCradle
Radio_R+	VSS	SL1113	L_SPEAKER_HARNESS	spare53	SparesEngineCradle
RED	Starter_volvo	SL1214	L_SPEAKER_HARNESS	spare54	SparesEngineCradle
Red	USB	SL1315	L_SPEAKER_HARNESS	spare55	SparesEnginesAccessories
RED1	VSS	SL1416	L_SPEAKER_HARNESS	spare56	SparesEnginesAccessories

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CircuitID	Description	CircuitID	Description		
spare57	SparesEnginesAccessories	TV_GND	VSS		
spare58	SparesEnginesAccessories	TV_L+	VSS		
spare59	SparesEnginesAccessories	TV_R+	VSS		
spare60	SparesEnginesAccessories	TX	TPMS		
spare61	SparesEnginesAccessories	TxD	MCMInterface		
spare62	spareABSHarness	Up	cluster		
spare63	spareABSHarness	VI11	12V_Sup		
spare64	SapreTransmission	VI14	Galley		
spare65	SparesTransmission	WC2	WCLRemoteCtrl		
spWcl1	SpareWCL	WC3	WCLRemoteCtrl		
spWcl2	SpareWCL	WC4	WCLRemoteCtrl		
SR13	FR_SPEAKER_HARNESS_	WC6	WCLRemoteCtrl		
SR24	FR_SPEAKER_HARNESS_	WC7	WCL		
SR35	FR_SPEAKER_HARNESS_	WHITE	120VACOUTLET		
SR46	FR_SPEAKER_HARNESS_	White	USB		
SR57	FR_SPEAKER_HARNESS_	WHT1	VSS		
SR68	FR_SPEAKER_HARNESS_	WHT2	VSS		
SR911	R_SPEAKER_HARNESS_WCL	WhtFR	dataTPMS		
SR1012	R_SPEAKER_HARNESS_WCL	WhtRL	dataTPMS		
SR1113	R_SPEAKER_HARNESS_WCL	WhtRR	dataTPMS		
SR1214	R_SPEAKER_HARNESS_WCL	Y1A	DirectLighting		
SR1315	R_SPEAKER_HARNESS_WCL	Y1B	DirectLighting		
SR1416	R_SPEAKER_HARNESS_WCL	Y2A	DirectLighting		
STO_LOC		Y2B	DirectLighting		
Sub1+	VSS	Y3A	DirectLighting		
Sub1-	VSS	Y3B	DirectLighting		
Sub2+	VSS	Y4A	DirectLighting		
Sub2-	VSS	Y4B	DirectLighting		
SubH	Subnet	Y5A	DirectLighting		
SubL	Subnet	Y5B	DirectLighting		
TEST	TestLampOption	Y6A	DirectLighting		
TEST1	SOUND_SYSTEM	Y6B	DirectLighting		
Test1	SOUND_SYSTEM	Y7A	DirectLighting		
Test1a	SOUND_SYSTEM	Y7B	DirectLighting		
Test1B	SOUND_SYSTEM	zf1	SteeringCtrl		
TrigCam	VSS	zf2	SteeringCtrl		
TrigDVD	VSS				
TrigDvd	VSS				
TrigNav	VSS				
TrigPA	VSS				
TrigPaDr	VSS				
TrigTv	VSS				
TvGnd	VSS				