

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
21AA	FlashersRearLH	24VI2	24VltoSw1	41B	CondensorPwr
21B	CorneringLtsLH	24VI4	SunVisorsPwr	41Pwm	CondensorLow
21C	ClearanceLts	24VI5	24VILogic	42A	CondensorPwr
21D	ClearanceLts	24VI6	PwrtoDefrostUnit	42B	CondensorPwr
22	HazardSwSig	24VI7	LowerWiperPwr	43	WCL
23	FlasherRHSig	24VI8	24VltoMux	43F	WitnessGndSw27
23A	FrontFlasherRH	24VI10	24VI	43G	Parcel_Rack_Vent
23AA	FrontFlasherRHSide	24VI12	HatRackLampsPwr	44	P-RackLHFan
23B	CorneringLtsRH	24VI13	Volvo_Link	45	UpperFanSig
23C	ClearanceLts	24VIA	Cut-outPneumaticAcc	45A	PassengerHeatSig
23D	ClearanceLts	24VICust	24VICustomer	46	FrontFlasherRh
24A	Booster_Block	24VIF	24VltoFrontVEC	46A	FrontMarkers
24CO	PwrtoExcitationResistor	24WC	WCL24VIPower	47	DoorOpenSignal
24D	24DtoCB6	24WL	WCLPowerFeed	47A	DoorOpenSignal
24DZ	ZFTransmission	24WUp1	24WUp_To_A47_A48	48A	DoorOpenSol
2,40E+02	24VltoCB1	24Wup1	For_Master_ID	49	DoorCloseSignal
2,40E+03	24VltoCB1	25	EngineRunSignal	49A	DoorCloseSol
24FPS		25A1	ExcitationSignal	50	WitnessGndSig
24IZ	ZFTransmission	25A2	ExcitationSignal	51	WitnessGnd
24SS	24VISoundSystem	26	DriverWdoPwr	52A	ElectricalHorn
24SS1	SOUND_SYSTEM	26A	DriverWdo	53	LowerWip1stSpd
24SS2	SOUND_SYSTEM	26B	DriverWdo	53B	Horn
24SS11	SOUND_SYSTEM	27A	EmergencySwSig	53C	LowerWip.IntSig
24SS12	SOUND_SYSTEM	28	AudibleRlySig	53D	Washer_ctrl
24SS13	Flip_Down_Screen	29	TagAxleValveSig	53E	LowerWiper1stSpd
24SS21	SOUND_SYSTEM	31	UnloaderRH	53F	LowerWasherPump
24SS22	SOUND_SYSTEM	31B	WiperParkPwr	53G	LowerWip1stSpd
24VA	24vEquilizer	32A	TrailerLightsPackage	53H	LowerWiper
24VB	24VEnginePreheater	32D		54	TestSwitch
24VB1	24VEnginePreheater	33	UnloaderLH	55	Lugg_Door_Lock_Signal
24VB2	24VEnginePreheater	34	ParkBrakeReleaseValve	57A	WaterPump
24VD	24VD_Battery	35	EntranceDoorLights	57G	Pre-HeatWebasto
24VD1	24VDtoRearVec	38	DirectLights	57GA	Pre-HeattoWtrPmpRly
24VD2	24VDtoRearVec	38A	DirectLights	57H	Pre-HeattoWtrPmpRly
24VD3	24VDofCECM	38AA	DirectLightsRHRicon	57L	Hi-Beam
24VD4	24VDFrontWake-up	38BB	DirectLightsLH	57R	HighBeamRH
24VD5	24VDtoPre-Heat	38C	DirectLightSwSig	57Rtn	SignalRtnHeadLtsLH
24VD6	24VDPre-Heat	39	DriverLtSwSig	58L	LowBeam
24VD7	PassandPRackPwr	39D	DriverLt	58R	LowBeamRH
24VD10	Volvo_Link	40	WitnessGnd	58Rtn	SignalRtnHeadLtsRH
24VDCust	24VDCustomer	41	24VCondensor	59	Hi/LowBeamSignal
24VI	24VI	41A	CondensorPwr	60	FogsLtsSwSig
24VI1	24VltoRearVec	41A1	CondensorFan	61	HeadLtsSig

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CircuitID	Description	CircuitID	Description	CircuitID	Description
62B	LavatoryLts	76C	FuelLowLevelSig	95A	DockingLTswSig
63	ClearanceLts	76P	PrimePumpSig	96A	CorneringLTswSig
63A	FrontClearanceLts	77	TransducerHi-Side	99	Sw20Gnd
63B	ClearanceLts	77B	PassandPRackLiquidValve	00A1	GndElectronic
63C	CtrlHeadBacklight	77BA	A/CCLutch	0B1	GndEnginePreheater
64	EmergencyLampsSig	77C	PassandPRackLiquidValve	00B1	GndEng_Start
64A	Blinker	78	StopLightSensorSig	0V2	LuggageDoorOpenSig
65	FootDamper	78BA		0V3	LuggageDoorOpenSig
65A	FootDamper	79	TranducerLow-Side	0Y2	GndChassisABSSol
65D	DriverCylinder	79A	StopLightSensorSig	0Y3	GndChassisABSSol
65P	Pass.Cylinder	80	BrakeRedundant	0Z0	ZFTransmission
66	MarkersSigSw2	81	HeadLtCallSw1	0Z1	ZFTransmission
67	EvaporatorPwr	82A	CyclopeSignal	0Z2	ZFTransmission
67A	Condensor1stSpdSig	82Low	StopRearLowerLamp	100	IndirectLight
68	DashDamper	82Up	TrailerLightsPackage	100A	IndirectLight
68A	DashDamper	83	24vAccessories	100B	IndirectLightLH
69	HornSignal	84	StartSigSw83	100C	IndirectLightsSig
69A	HornSignal	84A	StartSigSw83	100D	IndirectLightPwr
70A	HatRackLighting	84B	StartSigSw83	101	R1toStarter
70B	HatRackLighting	85	24VIgnition	101A	
70C	HatRackLighting	85A	Ign-AccSignal	101B	
70D	HatRackLighting	85B	Wake-upSig	102A	Alternator
70E	GndHatRackLamps	85BB	Ign-AccSignal	103	LowBuoySig
70F	GndHatRackLamps	85C	PositionNormalSw58	105	FogLtsLH
70G	GndHatRackLamps	85D	RearStartPwr	106	FogLtrH
70H	GndHatRackLamps	85E	RearStartSignal	111	Transmission
70J	GndHatRackLamps	85F	EgnineStartPwrSw58	114	BacklightPwr
71A	DockingLtsLH	85G	Ign-AccSignal	114A	Backlight
72A	DockingLtsRH	85X	24VIgn	114AA	ClusterKeyPadBacklight
72B	SunVisorRHSig	85Y	ABSTTLT	115	Transmission
72C	SunVisorSignal	85Z	AbsTrailerWarningSignal	115A	WitnessPwr
72D	SunVisorRHSig	86	DefrostunitSpd	115W	ZF_Transmission
73	wclextraswitch	86ARtn	EntranceCeilingLtGnd	116	DriverLiq
73A	RearOccupiedSig	86BRtn	Gnd	116A	DriverLiq
74	ReadingLampSig	86Rtn	GndDefrostUnit	119	Transmission
74A	ReadingLampsRH	87	GndSignal	120	Transmission
74AB	Reading_Lamp_RH	88	TransducerPwr	121	SteeringOutSignal
74B	ReadingLampsLH	89	DriverSensorSig	122	DigitalClock
74C	ReadingLamp	90H	Evap_Rly_Power	123	FireAlarm
74D	ReadingLamps	90H1	EvaporatorMain	124A	ShifterSignal
75	wcl_extra_switch	91	ParkBrakeSig	125	RetarderActiveLamp
75A	ReadingLampsLH	91B	WitnessSigSw14	126A	KneelingUpSwSig
76	FuelLevelSig	92	TrailerParkBrakeSig	126B	KneelingDownSwSig

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CircuitID	Description	CircuitID	Description	CircuitID	Description
126C	ProximitySwSig	144A	ABSSensor	170S	ElectronicGnd
126D	ProximitySwPwr	145	ABSSolenoid	170T	LuggageLock_UnlockSig
126E	Kneeling15PsiPress.Sw.	146	ABSSolenoid	170V	LuggageLock_UnlockSig
126F	KneelingDownSol	146A		170W	LuggageLock_UnlockSig
126G	KneelingUpSol	147	EtherSignal	170X	LuggageLock_UnlockSig
126H	KneelingCtrl.Sol	147A	EtherSolenoid	170Y	Lugg_Door_Lock
126J	KneelingHi-BuoySol	148	ABSSolenoid	170Z	Lugg_Door_Lock
126JR	GndKneeling	149	ABSSensor	171	LuggageUnlockSwSig
126P	KneelingBuzzer	149A	ABSSensor	174	Transmission
127	Pre-HeatSignal	150	Transmission	175	Transmission
127D	ChargerRlyGndSig	151	GndtoEcm	176	Transmission
128		151A	GNDECM	177	Transmission
128B	Pre-HeatTTLT	151B	GNDECM	180	Transmission
129		151C	GNDECM	181	OutsideSensorSig
130		151D	GNDECM	182	SunVisor
131	Evaporator2ndSpd	152	Transmission	183	SunVisor
133	Transmission	154	Transmission	184	CustomerC
135	Transmission	155	Transmission	185	TransmissionInhibitSig
135A	Transmission	155Z	WCLSignal	188	AutomaticTagUnload
136	Transmission	156A	12VtoABS	197	FuelFilterSig
136A		157D	ATCTTLT	201	headlampwashersignal
136AA	ShifterSignal	159	Transmission	202	Headlampwasherpump
137		160	TagSignal	225	
137A	MirrorPwrSig	163		231	
137B	Mirrors	163A	RetarderSig	231A	CrankSignal
137C	Mirrors	163B	Retarder_Sig	231B	StarterRelay
137D	Mirrors	164	HandLevelSig	240A	ECMPOWER
137E	Mirrors	166	WitnessSigSw16	240B	ECMPOWER
137F	Mirrors	167	Aux.A/CLowPressSig	241A	ECMPOWER
137H	Mirrors	168	Aux.A/CHighPressSig	241B	ECMPOWER
137J	Mirrors	170	LuggageLock_UnlockSig	241C	WIF_Heater
137K	Mirrors	170A	Lugg_Door_Lock	254	Frigo
137L	Mirrors	170B	Lugg_Door_Lock	260	escape_Hatch_sensor
137M	Mirrors	170D	Lugg_Door_Lock	290	GndFanClutch
138	ABSSensor	170E	LuggageLockSwSig	291	FanClutch
138A	ABSSensor	170F	Lugg_Door_Lock	292	FanClutch
139	ABSSolenoid	170G	Lugg_Door_Lock	300	WCLTopLightSliding
140	ABSSolenoid	170H	Lugg_Door_Lock_Signal	301	WheelChairLiftSwitch
141	ABSSolenoid	170L	LuggageLock_UnlockSig	302	WCLRicon
142	ABSSolenoid	170M	LuggageLock_UnlockSig	303	WCL
143	ABSSensor	170N	LuggageLock_UnlockSig	304	WheelChairLift
143A	ABSSensor	170P	LuggageLock_UnlockSig	305	ParkBrakeSol
144	ABSSensor	170R	LuggageLock_UnlockSig	305A	WCLUpperDoorSignal

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CircuitID	Description	CircuitID	Description	CircuitID	Description
306	WCLTopLights	564B	OutZFDecelSig	919	ZFTransmission
307	WCL	583	EngineBrakeB	925	ZFTransmission
308	WCL	600	ABSSensor	926	ZFTransmission
309	WCL	600A	ABSSensor	930	ZFTransmission
311	WCL	601	ABSSensor	932	ZFTransmission
313	WCL	601A	ABSSensor	952	GndSensorRtn
314	WCL_Se62	602	ABSSteering&Yawsensor	953	GNDPCPC
341	Pwr_AFSS_Sys	603	ABSSteering&Yawsensor	979	EngineBrakeA
342	AFSS_Panel_Gnd	604	ABSSteering&Yawsensor	979A	EngineBrakeLowSig
343	Fire-EngineStopTTL	605	ABSSteering&Yawsensor	ANT	GPS
343A	See_H3_Design	606	ABSPressuresensor	Aux1_Gnd	SOUND_SYSTEM
344	ExtinguisherSignal	607	ABSPressuresensor	Aux1_L+	SOUND_SYSTEM
345	See_H3_Design	608	ABSPressuresensor	Aux2_Gnd	SOUND_SYSTEM
346	PowerSensors	609	ABSPressuresensor	Aux2_L+	SOUND_SYSTEM
347	Fire_Detect_Alarme	610	ABSPressuresensor	Aux_R+	SOUND_SYSTEM
348	See_H3_Design	611	AbsTagSolenoid	B1A	DirectLighting
351	EngineShout-downSignal	612	AbsTagSolenoid	B1B	DirectLighting
352		613	AbsTagSolenoid	B2A	DirectLighting
417	ThrottlePositionSignal	614	ABSSteeringSolenoid	B2B	DirectLighting
439		614A	ABSSteeringSolenoid	B3A	DirectLighting
500	Gnd/Supply_Detroit/Volvo	615	ABStrailersolenoid	B3B	DirectLighting
501	Control_Ground_Relay	616	ABStrailersolenoid	B4A	DirectLighting
502	IVSOut	617	ABStrailersolenoid	B4B	DirectLighting
503	DPF_Malfunction	705	ZFTransmission	B5A	DirectLighting
505	DPFSensor	705A	ZFTransmission	B5B	DirectLighting
506	DPFSensor	706	ZFTransmission	B6A	DirectLighting
507	DPFSensor	707	ZFTransmission	B6B	DirectLighting
508	DPFSensor	708	NeutralSignal	B7A	DirectLighting
510	FastIdleSignal	709	NeutralSignal	B7B	DirectLighting
511	DPFSensor	718	ZFTransmission	Black	
512	DPFSensor	719	ZFTransmission	Black1	
513	DPFSensor	723	ZFTransmission	Black2	
514	DPFSensor	740	ZFTransmission	Black3	
515	GroundPreheaterRelay	770	ZFTransmission	BLK1	SOUND_SYSTEM
524B	IdleValidationSig	900	J1587	BLK2	SOUND_SYSTEM
524C	IdleValidationSig	901	J1587	BlkFR	
528	OverrideSignal	902	ZFTransmission	BlkRL	
541	CruiseSetSig	906	ZFTransmission	BlkRR	
544	CruiseOn_OffSignal	907	ZFTransmission	Bref1	PassengerSensor
544A	CruiseOn-OffLed	910	L_SPEAKER_HARNES	CAN2-H	EngineCan2
545	CruiseResumeSig	911	EmergencyCutoutRlySignal	CAN2-L	EngineCan2
555	FANCONTROL	916	5VSensorPwr	CanH	CanHSignal
563	FANCONTROL	917	ZFTransmission	CanH1	SparesFr-to-RearHarness

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CircuitID	Description	CircuitID	Description	CircuitID	Description
CanH2	SpareCan	GndA	ComputerSignals	N12	A46Address
CanL	CanLSignal	Green		N13	A47Address
CanL1	SparesFr-to-RearHarness	GRN1	SOUND_SYSTEM	N14	A47Address
CanL2	SpareCan	GRN2	SOUND_SYSTEM	N15	A48Address
Cd	ComputerSignals	H1_L+	SOUND_SYSTEM	N16	A48Address
Cd1	ComputerSignals	H1_L-	SOUND_SYSTEM	N17	A49Address
Cd1_Gnd	SOUND_SYSTEM	H1_R+	SOUND_SYSTEM	N18	A49Address
Cd1_L+	SOUND_SYSTEM	H1_R-	SOUND_SYSTEM	N19	A50Address
Cd1_R+	SOUND_SYSTEM	H2_L+	SOUND_SYSTEM	N20	A50Address
Cd2_Gnd	SOUND_SYSTEM	H2_L-	SOUND_SYSTEM	N21	A51Address
Cd2_L+	SOUND_SYSTEM	H2_R+	SOUND_SYSTEM	N22	A51Address
Cd2_R+	SOUND_SYSTEM	H2_R-	SOUND_SYSTEM	N23	A52Address
CD3_Gnd	SOUND_SYSTEM	HOSTESS	SOUND_SYSTEM	N24	A52Address
CD3_L+	SOUND_SYSTEM	IPJ1	Cluster	N25	A53Address
CD3_R+	SOUND_SYSTEM	IPJ2	Cluster	N26	A53Address
Chgr	Battery_Charger_Gnd	IPJ5	Cluster	N27	A54Address
Chgr_C	SOUND_SYSTEM	IPJ6	Cluster	N28	A54Address
Chgr_L	SOUND_SYSTEM	IPJ7	Cluster	N29	A36Address
Chgr_R	SOUND_SYSTEM	IPJ8	Cluster	N30	A55address
Cts	ComputerSignals	J1939H	J1939	N31	A55address
DATA	SOUND_SYSTEM	J1939L	J1939	NavSpk+++	
DBusH		LF+	PSRCEL_RACK_SOUND_HARNESS	NavSpk---	
DBusL		LF-	SOUND_SYSTEM	OFB3	
DOWN	Flip_Down_Screen	LR+	PSRCEL_RACK_SOUND_HARNESS	OP2	Inverter_Gnd
DRL+++		LR-	SOUND_SYSTEM	ORA2	
DSL+++	DRIVER_SPEAKERS	LX5	ClusterKeyPad	PP1	for_inverter
DSL---		LX6	ClusterKeyPad	PV1	for_inverter
DSR+++		LX7	ClusterKeyPad	R1A	DirectLighting
DSR---		LX16	ClusterKeyPad	R1B	DirectLighting
DUMMY	INSINE_FUSE_BOX	LX21	ClusterKeyPad	R2A	DirectLighting
DVD1_Gnd	Sound_System	L_DRIVER	SOUND_SYSTEM	R2B	DirectLighting
DVD1_L+	Sound_System	MUTE		RED	jack_3_5mm
DVD1_R+	Sound_System	N1	A41Address	RED1	SOUND_SYSTEM
Dvd2_Gnd	SOUND_SYSTEM	N2	A41Address	Red1	
Dvd2_L+	SOUND_SYSTEM	N3	A42Address	RED2	SOUND_SYSTEM
Dvd2_R+	SOUND_SYSTEM	N4	A42Address	Red2	
E3	Inv_MastrerrelayToBreaker	N5	A43Address	Red3	
Engine_Can+	EngineCan	N6	A43Address	RedFR	
Engine_Can-	EngineCan	N7	A44Address	RedRL	
FAKE	L_SPEAKER_HARNESS	N8	A44Address	RedRR	
FAKE1	R_SPEAKER_HARNESS	N9	A45Address	Ref1	GndPassengerSensor
FLIP	Flip_Down_Screen	N10	A45Address	Rem1	
fuiif	fake	N11	A46Address	Rem2	

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CircuitID	Description	CircuitID	Description	CircuitID	Description
Rem3		spare14	SparesInteriorHarness	spare58	SparesEnginesAccessories
RF+	SOUND_SYSTEM	spare15	SparesInteriorHarness	spare59	SparesEnginesAccessories
RF-	SOUND_SYSTEM	spare16	SparesInteriorHarness	spare60	SparesEnginesAccessories
RR+	DISTRIBUTION_SOUND_HARNESS	spare17	SparesFr-to-RearHarness	spare61	SparesEnginesAccessories
RR-	SOUND_SYSTEM	spare18	SparesFr-to-RearHarness	spare62	spareABSHarness
RT	ZFTransmission	spare19	SparesFr-to-RearHarness	spare64	Spare_Transmission
Rts	ComputerSignals	spare20	SparesClearanceLts	spare65	Spare_Transmission
RTV	SOUND_SYSTEM	spare21	SparesClearanceLts	spare70	spare
RX		spare22	SparesClearanceLts	spare71	spare
R_DRIVER	SOUND_SYSTEM	spare23	SparesClearanceLts	spare72	spare
RxD	ComputerSignals	spare24	SparesClearanceLts	spare73	spare
SHD1	SOUND_SYSTEM	spare25	SparesClearanceLts	spare74	spare
SHD2		spare26	SparesFrontHarness	spare75	spare
SHIELD	jack_3_5mm	spare27	SparesFrontHarness	spare76	spare
Shield1		spare28	SparesFrontHarness	spWcl1	SpareWCL
Shield2		spare29	SparesFrontHarness	spWcl2	SpareWCL
Shield3		spare30	SparesFrontHarness	SR13	FR_SPEAKER_HARNESS_
SHLD	SOUND_SYSTEM	spare31	SparesFrontHarness	SR24	FR_SPEAKER_HARNESS_
SL13	L_SPEAKER_HARNESS	spare32	SparesFrontHarness	SR35	FR_SPEAKER_HARNESS_
SL24	L_SPEAKER_HARNESS	spare33	SparesFrontHarness	SR46	FR_SPEAKER_HARNESS_
SL35	L_SPEAKER_HARNESS	spare34	SparesFrontHarness	SR57	FR_SPEAKER_HARNESS_
SL46	L_SPEAKER_HARNESS	spare35	SparesFrontHarness	SR68	FR_SPEAKER_HARNESS_
SL57	L_SPEAKER_HARNESS	spare36	SparesFrontHarness	SR911	R_SPEAKER_HARNESS_WCL
SL68	L_SPEAKER_HARNESS	spare37	SparesFrontHarness	SR1012	R_SPEAKER_HARNESS_WCL
SL1012	L_SPEAKER_HARNESS	spare38	SparesFrontHarness	SR1113	R_SPEAKER_HARNESS_WCL
SL1113	L_SPEAKER_HARNESS	spare39	SparesDash	SR1214	R_SPEAKER_HARNESS_WCL
SL1214	L_SPEAKER_HARNESS	spare40	SparesDash	SR1315	R_SPEAKER_HARNESS_WCL
SL1315	L_SPEAKER_HARNESS	spare41	SparesDash	SR1416	R_SPEAKER_HARNESS_WCL
SL1416	L_SPEAKER_HARNESS	spare42	SparesDash	Sub1+	SUBWOOFER_HARNESS
sp52		spare43	SparesDash	Sub1-	SUBWOOFER_HARNESS
SpareLock_UnlockHarn	SpareLock_UnlockHarn	spare44	SparesDash	Sub2+	SUBWOOFER_HARNESS
spare1	SpareLock_UnlockHarn	spare45	SpareEvapCmpt.	Sub2-	SUBWOOFER_HARNESS
spare2	SpareLock_UnlockHarn	spare46	SpareEvapCmpt.	SW	ZFTransmission
spare4	SparesEvap.Harness	spare47	SpareEvapCmpt.	TRIG1	SOUND_SYSTEM
spare5	SparesEvap.Harness	spare49	SparesEngineCradle	TRIG2	SOUND_SYSTEM
spare6	SparesCondHarness	spare50	SparesEngineCradle	TRIG3	SOUND_SYSTEM
spare7	SparesCondHarness	spare51	SparesEngineCradle	TRIG4	SOUND_SYSTEM
spare8	SparesEvap.Harness	spare52	SparesEngineCradle	TRIG5	SOUND_SYSTEM
spare9	SparesEvap.Harness	spare53	SparesEngineCradle	TX	
spare10	SparesInteriorLtsHarness	spare54	SparesEngineCradle	TxD	ComputerSignals
spare11	SparesInteriorLtsHarness	spare55	SparesEnginesAccessories	Unkn	ZFTransmission
spare12	SparesInteriorHarness	spare56	SparesEnginesAccessories	UP	Flip_Down_Screen
spare13	SparesInteriorHarness	spare57	SparesEnginesAccessories	WC2	WCLRemoteCtrl

