

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
0	GndLevelLow	0RC5	Gnd	21A	FlashersCenterLH
2B	CondSndSpdSig	0RC5A	Gnd	21AA	FlashersRearLH
5A	UpperHeaterPwr	0RC5B	Gnd	21B	CorneringLtsLH
7	DriverSensorRtn	0SA1	GND_Alt120A	21BR	GndFoglights
9A	GndEngineDoorSe	0VA	Equalizer_Gnd	21C	UpperRearLights
9B	EngineCmpt.Lt	0Y	GndChassistoABSModule	22	HazardSwSig
0A	Evap.Gnd	10	DPFVolvo	23	FlasherRHSig
00A	GndElectronic	10A	LuggageCmpt.LtsPwr	23A	FlasherCenterRH
00AB	gnd	12	RearSlideOutRetractingSignal	23AA	FrontFlasherRHSide
00B	ElectronicGndofMuxModules	12A	12Direct	23B	CorneringLtsRH
0BB	GndElectronic	12CPC	R22_DDEC	23BR	GndFogandCorneringLtsRH
0C	GndStarter062214	12Ecu	12v_Engine_Ecu	23C	UpperRearLights
0CE	R22_GND	12K	KeyLessIgn	24A	Battery_24V
0CG	67888	12VB	Equalizer_Power	24AW	AwiningWindowsPower
0EV1	CondensorPwr	12VD	12VDTOCB2	24CO	ExcitationSignal
0EV2	GndHvac	12VD1	12VDFrontWake-up	24CO	ExcitationSignal
0F	FJBDoorOpenSig	12VD2	12Direct	24D	24Direct
0FA1	GndPwrOutlet	12VD3	RLock/RUnlock_Door	24EE1	24Ignition
0FA4	Chassisgnd	12VD4	12v`_Engine_Ecu	24EE2	24Ignition
0FB1	GndMirrors	12VDCust	12VDCustomer	24VB	Equalizer_Power
0FB2	GndDriverWdo	12VDF	12VDtoFrontVec	24VB1	24VEnginePreheater
0FB3	GNDCustomer	12VI	Vecr_Inside	24VB2	24VEnginePreheater
0FC1	GndFJB	12VI1	12VlofA44	24VD	Vecr_Inside
0FC4	ElectricalHorn	12VI2	MirrorPwr	24vd	VecrInside
0FD1	GNDCustomer	12VI3	PwrOutletDrawer	24VD1	24VDDriverLiq
0FDS	Driver_Seat_Gnd	12VI4	PwrOutletandCigarLighter	24VD2	24VDtoRearVec
0FE	Gnd_AFSS	12VI5	12VitoVECR	24VD3	24VDofCECM
0G	GndofA54	12VI6	PwrtoModuleA50	24VD4	24VDFrontWake-up
0H	GroundCoolantSensor	12VI7	TrailerABSPower	24VD5	24VD
0L	KeylessModuleKeypadGnd	12VI9	TPMSPow	24VD7	PassandPRackPwr
0PR2	GndFrontClearanceLts	12VICust	12VICustomer	24VD8	UreaPowerACM
0PR3	UpperDefrosterGnd	12VIF	12VitoFrontVec	24VD8A	UreaPowerACM
0RA2	GndRJB	12VIF19	12VI_DDDL	24VD8B	UreaPowerACM
0RB3	GndFlashersandMarkersCenter	12w_up	VecrInside	24VDCust	24VDCustomer
0RB4	Air_Dryer_Gnd	12Wup	Vecr_Inside	24VDS	Driver_Seat_Pwr
0RB6	Luggageslockunlockrelay	12WUp1	12WUpFront	24VI	Vecr_Inside
0RB7	GndToEcm	12Wup2	12WUpToDash	24vi	VecrInside
0RB8	GndtoACM	12WUp5	PwrtoDDEC	24VI1	24VtoRearVec
0RB8A	GndtoACM	13	GndTransducer	24VI2	Multifunctionswitchpower
0RB8B	GndtoACM	16	SpeedSignal	24VI3	24vIgn
0RC2	GndDriverCylinder	18	Wip.WasherLevel	24VI4	SunVisorsPwr
0RC3	ElectricGnd	20	Air_Dryer_Pwr	24VI5	24VlofMuxmodules
0RC4	GndKeylessKeypad	21	FlasherLHSig	24VI6	PwrtoDefrostUnit

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24VI7	WiperPower	50	DriverHeatValve	72R	GndRJB
24VI8	24VILevelLowSwitch	52	Sw102	74D	Sunvisor
24VI9A	24VlofA54	53	LowerWip.Spd1Sig	76	FuelLevelSig
24VI10	24VI	53A	ElectricalHorn	76C	FuelLevelSig
24VIA	Cut-outPneumaticAcc	53B	Wiper	77	TransducerHi-Side
24VICust	24VICustomer	53C	LowerWip.IntSig	77B	PassandPRackLiquidValve
24VIF	24VltoFrontVEC	53D	LowerWip.WasherSwSig	77BA	A/Cclutch
24WUp1	24VWUptoA47	53E	LowerWiper1stSpd	77BB	A/Cclutch
25	EngineRunSignal	53F	LowerWasherPump	77C	PassandPRackLiquidValve
25A1	ExcitationSignal	53H	LowerWiper	77K	CoilThermostatSignal
25A2	ExcitationSignal	53J	HornElectric	78	StopLightSensorSig
25A4	BatteryNotChargingSig	53K	KeyLessSig	79	TranducerLow-Side
26	DriverWdoPwr	57A	Waterpump	79A	DecelSignal
26A	DriverWdo	57L	Hi-Beam	79C	DecelSignal
26B	DriverWdo	57R	HighBeamRH	80	BrakeRedundant
26D	EntranceWdo	57Rtn	SignalRtnHeadLtsLH	81	HeadLtCallSw1
26E	EntranceWdo	58L	LowBeam	82A	CyclopeLamp
27	PowerEntranceDoorWdo	58R	LowBeamRH	82Low	StopRearLowerLamp
31	UnloaderRH	58Rtn	HeadLampRHRtn	82Up	StopRearUpperLamps
31B	WiperPower	59	Hi/LowBeamSignal	83	24vAccessories
32	FrontSlideOutExtending	60	FogsLtsSwSig	84B	StartSigSw83
32A	BackupLtandalarm	61	HeadLtsSig	85	Ign-AccSignal
32D	BackupLtandalarm	63	DPF	85A	Ign-AccSignal
33	UnloaderLH	63A	FrontClearancelts	85a	Ign-AccSignal
35	EntranceDoorLights	63AA	Clearancelts	85B	Wake-upSig
35A	Entrancelight	63BB	Clearancelts	85C	PositionNormalSw58
39	DriverLtSwSig	64A	Blinker	85D	RearStartPwr
39AA	GndElectronic	65	FootDamper	85F	24Vignition
39B	KeyLessSig	65	FootDamper	85G	EgnineStartPwrSw58
39D	DriverLt	65A	FootDamper	85J	CutoutRlyLatchSig
39Rtn	GndDriverLt	65D	DriverCylinder	85Z	ABS_Trailer_Sig
40	WitnessGnd	65P	Pass.Cylinder	86	PassengerSensor
41	24VCondensor	66	MarkersSigSw2	86A	PassengerDefrosterControl
41A1	CondensorPwr	67	EvaporatorPwr	86ARtn	GndReturn
45	UpperdefrosterSwSig	67A	Condensor1stSpdSig	86C	Outsidetempssensor
45A	PassengerHeatSig	68	DashDamper	86D	PassengerSensor
46	MarkersCenter	68A	DashDamper	86RTN	GndEntrancedoorLt
46A	FrontMarkers	69	ElectricalHorn	86Rtn	GndPassengerDefrosterControl
47	DoorOpenSignal	69A	PneumaticHorn	87	TrailerParkBrakeSig
48A	DoorUpperPen	71A	DockingLtsLH	88	CompressorPressureSignal
48B	DoorUpperPenSig	72A	DockingLtsRH	89	Drivesensorsig
48C	DoorUpperPenSig	72B	Sunvisor	90H	24VltoEvap
49A	DoorInsideSwCloseSig	72C	Sunvisor	90H1	Evaporator

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CircuitID	Description	CircuitID	Description	CircuitID	Description
91	ParkBrakeSig	129	SunVisors	147	ABSSolenoid
91B	WitnessSigSw14	130	SunVisors	148	ABSSolenoid
92	TrailerParkBrakeSig	131	Evaporator2ndSpd	149	Transmission
93	PassengerDefrostSwitchUp	132	DifferentialLockSignal	149A	ABSSensor
94	PassengerDefrostSwitchDown	132A	DifferentialLocksol	150	Transmission
95	DockingLTSwSig	132B	LevelLowSo30	151	ABSRearAtcSolenoid
96	CorneringLTSwSig	132C	LevelLowSo31	151A	GndtoEcm
97	LowDockingLightsSwitchSignal	132D	LevelLowSo32	151B	GndtoEcm
98	BackupCancelSwitch	132E	LevelLowPower	151C	GndToEcm
00A1	GndElectronic	132F	LevelLowPower	151D	Coolant_Ground_Level
0B1	GndEnginePreheater	133	Transmission	152	ABSRearAtcSolenoid
00B1	GndEng.Start	134	BatteryNotChargingSig	153	MirrorPwr
0V1	LuggageDoorOpenSig	135	Transmission	154	Transmission
0V2	LuggageDoorOpenSig	135A	Transmission	155	Transmission
0V3	LuggageDoorOpenSig	136	Transmission	156A	12VtoABS
0V5	LuggageDoorOpenSig	136A	TransmissionPwr	157D	Abs_Bus_Signal
0Y2	GndChassisABSSol	136AA	ShifterSignal	159	Transmission
0Y3	GndChassisABSSol	137	Transmission	160	TagSignal
101	PwrtoStarter	137A	MirrorPwrSig	163	Transmission
101A	Starter_Relay	137B	Mirrors	163A	EngBrakeRetSignal
101B	Starter_Relay	137C	Mirrors	163B	Transmission
102A	PWR_Alt120A	137D	Mirrors	164	HandLevelSig
104	LevelLowSo28	137E	Mirrors	166	WitnessSigSw16
105	FogLtsLH	137F	Mirrors	167	ACB
106	FogLtrH	137H	Mirrors	168	ACB
111	Transmission	137J	Mirrors	170A	LuggagesLocks
114	BacklightPwr	137K	Mirrors	170B	LuggagesLocks
114A	Backlight	137L	Mirrors	170D	LuggagesLockPower
115	CoolantLevelSignal	137M	Mirrors	170E	Luggagesdoorslockrelays
115A	WitnessLampPwr	137N	Mirrors	170F	LuggagesLocks
115W	Transmission	137P	Mirrors	170G	LuggagesLocks
116	Transmission	138	ABSSensor	170K	LuggagesLocksSwitch
116A	DriverLiq	138A	ABSSensor	170L	LuggagesLocksSwitch
118	Transmission	139	Transmission	170L	LuggagesLocksSwitch
119	Transmission	140	ABSSolenoid	170M	LuggagesLocksSwitch
120	Transmission	141	Transmission	170N	LuggagesLocksSwitch
123	AFSS	142	ABSSolenoid	170P	LuggagesLocksSwitch
123A	WakeUpSignal	143	ABSSensor	170Q	LuggagesLocksSwitch
124A	Transmission	143A	ABSSensor	170R	LuggagesLocksSwitch
125	RetarderSig	144	ABSSensor	170S	LuggagesLocksSwitch
126F	LevelLowSignal	144A	ABSSensor	170SS	LuggagesLocksSwitch
127	Transmission	145	ABSSolenoid	170T	LuggagesLocksSwitch
128	SunVisors	146	ABSSolenoid	170V	LuggagesLocksSwitch

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CircuitID	Description	CircuitID	Description	CircuitID	Description
170W	LuggagesLocksSwitch	291	FanClutch	518	UreaSystem
170X	LuggagesLocksSwitch	292	FanClutch	519	UreaSystem
170Y	LuggagesLocks	294	KeyLessSig	520	UreaSystem
170Z	LuggagesLocks	295	KeylessModuleOutput	521	UreaSystem
171	Transmission	296	RJBDoorFan	522	UreaSystem
174	Transmission	297	TransShiftDown	523	UreaSystem
175	Transmission	298	TransShiftUp	524B	IdleValidationSig
176	Transmission	341	See_H3_Design	524C	IdleValidationSig
177	Transmission	342	AFSS	525	UreaSystem
180	Transmission	343	Fire_EngineStopTTL	526	UreaSystem
185	TransmissionInhibitSig	344	ExtinguisherSignal	526A	UreaSystem
197	FuelFilterSig	345	See_H3_Design	526B	DPFVolvo
201	HeadLampSignal	346	PowerSensors	526C	UreaSystem
202	HeadLampWash.Pump	347	Fire_Detect_Alarme	527	UreaSystem
231	NeutralSignal	348	See_H3_Design	528	UreaSystem
231A	StarterRelay	351	EngineShout-downSignal	530	UreaSystem
231B	Starter_Relay	352	See_H3_Design	531	UreaSystem
240A	12v_Engine_Ecu	360	ClusterKeyPad	532	UreaSystem
240B	R22_DDEC	361	ClusterKeyPad	541	CruiseSetSig
241A	PwrDDDRConn	362	ClusterKeyPad	544	CruiseOn_OffSignal
241C	WaterInFuelHeater	363	ClusterKeyPad	544A	CruiseOn-OffLed
260	WindowAjarSignal	364	FrontAirBrakePress	545	CruiseResumeSig
272	KeylessModuleInput	365	FrontAirBrakePress	583	EngineBrakeB
274	KeylessModuleInput	366	RearAirBrakePress	600	ABSSensor
276	KeylessModuleInput	367	RearAirBrakePress	601	ABSSensor
277	KeylessModuleKeypadLt	368	AccAirPress	601A	ABSSensor
278	KeylessModuleInput	369	AccAirPress	602	ABSSteering&Yawsensor
280	KeylessModuleInput	417	ThrottlePositionSignal	603	ABSSteering&Yawsensor
281	KeyLessSigUnlock	439	IgnitionSignal	604	ABSSteering&Yawsensor
282	KeyLessSigUnlock	439G	Steering	605	ABSSteering&Yawsensor
283	EntranceDoorHingeSignal	500	DDECND	606	ABSPressuresensor
283A	UnlockSig	501	Ground_Control_Relay	607	ABSPressuresensor
283C	EntranceDoorHingeSignal	502	IVSOut	608	ABSPressuresensor
284A	LuggagesUnlockRelays	505	UreaSystem	609	ABSPressuresensor
284B	KeyLessSig	506	DPFVolvo	610	ABSPressuresensor
285	LuggagesLockRelays	507	UreaSystem	611	AbsTagSolenoid
285B	KeyLessSig	510	FastIdleSignal	612	AbsTagSolenoid
286	EntranceDoorLock	511	UreaSystem	613	AbsTagSolenoid
286A	EntranceDoorLock	512	DPFVolvo	614	ABSSteeringSolenoid
286B	FrontDoorLock	513	UreaSystem	614A	ABSSteeringSolenoid
287	KeyLessSig	515	GndPreHeaterRelay	615	ABStrailersolenoid
290	GndFanClutch	516	UreaSystem	615	ABStrailersolenoid
290A	GndFanClutch	517	UreaSystem	616	ABStrailersolenoid

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CircuitID	Description	CircuitID	Description	CircuitID	Description
617	ABStrailersolenoid	Cd1	ComputerSignals	N31	A56Address
900	J1587	CTS	MCMInterface	N32	A57Address
901	J1587	Cts	ComputerSignals	N33	A55_Address
911	EmergencyCutoutRlySignal	DBusH	DBusH	N33	A57Address
916	5VSensorPwr	DBusL	tpmsdataLo	N34	A55_Address
952	GndSensorRtn	DbusL	DBusSignal	OFB3	TPMSGND
953	Electronic_ground_DDEC_VI	Down	ClusterKeyPad	RED	Volvo_Starter_Signal
979	EngineBrakeA	Escape	ClusterKeyPad	RedRL	TPMS12V
980H	Hispeedfanevaporator	GndA	ComputerSignals	RTS	MCMInterface
980L	lowspeedfanevaporator	GREEN	TrailerFlasherRH	Rts	ComputerSignals
A	Trans.HandLever	J1939H	J1939	RX	TPMSDATA
B	Trans.HandLever	J1939L	J1939	RxD	ComputerSignals
BB2H	Can2	LIN	Steering	RxTx	MCMInterface
BB2L	Can2	N1	A41Adress	Select	ClusterKeyPad
BLACK	TrailerBackupLights	N2	A41Adress	So1	GndSlideOut
BIKFR	TPMSGND	N3	A42Adress	So2	SldOutRemoteSig
BLUE	TrailerconnectorABSPower	N4	A42Adress	So3	SldOutInSig
BRef1	OutsideTemperatureSensor	N5	A43Adress	So4	SignalOut
Bref1	PassengerSensor	N6	A43Adress	So6	Proximitysignal
BROWN	TrailerMarkerlights	N7	A44Adress	So7	Proximitysignal
CAN2-H	EngineCan2	N8	A44Adress	SO8	PowerSldOut1Sensor
CAN2-L	EngineCan2	N9	A45Adress	So9	SldOut1StatusLed
CAN2L	DPFVolvo	N10	A45Adress	So10	SldOut1RelaySig
CanH	CanHSignal	N11	A46Adress	So11	SldOut2RelaySig
CanH1	Sparefrttorr	N12	A46Adress	So12	SealInflating
CanL	CanLSignal	N13	A47Adress	So13	SldOut1SealDeflatSig
CanL1	SparesFr-to-RearHarness	N14	A47Adress	So14	SldOut1VacumGen
Can_H	Can_HSignal	N15	A48Adress	So16	SensorGndRtn
Can_L	Can_LSignal	N16	A48Adress	So18	GndSlideOut
CC1	Converterinput1	N17	A49Adress	So19	SldOutMotor1Sig
CC2	ConverterInput2	N18	A49Adress	So20	SldOutMotor1Sig
CC3	Converterinput3	N19	A50Adress	So21	SldOut1MotorSig
CC4	Converterinput4	N20	A50Adress	So26	SlideOut
CC5	Converterinput5	N21	A51Adress	So31	GndSlideOut
CC6	Converterinput5	N22	A51Adress	So32	SldOut1SignalOut
CC7	ConverterInput2	N23	A52Adress	So33	SldOut2SignalIn
CC8	ConverterInput2	N24	A52Adress	So36	Proximitysignal
CC12	Converteroutput1	N25	A53Adress	So37	Proximitysignal
CC13	Converteroutput2	N26	A53Adress	So38	PowerSldOut2Sensor
CC14	ConverterOutput2	N27	A54Adress	So39	SldOut2StatusLed
CC15	Converteroutput4	N28	A54Adress	So40	SldOut2RelaySig
CC16	ConverterOutput5	N29	A36Adress	So41	SldOut2RelaySig
CC17	Converteroutput6	N30	A56Address	So42	SldOut2SealDeflatSig

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CircuitID	Description	CircuitID	Description	CircuitID	Description
So46	SldOutMotor2sig	spare45	SparesFr-to-RearHarness		
So47	SldOutMotor2sig	spare46	SparesFr-to-RearHarness		
So48	SldOut2MotorSig	spare51	SparesEngineCradle		
So55	SecurityPinSol	spare52	SparesEngineCradle		
So58	SldOutMotor1Sig	spare53	SparesEngineCradle		
So59	SldOutMotor2sig	spare54	SparesEngineCradle		
So61	SldOut2SealInflat	spare62	spareABSHarness		
SP	ConverterVehicleSpeed	spare63	spareABSHarness		
spare2	SparesFr-to-RearHarness	spare64	spare		
spare3	SparesFr-to-RearHarness	spare65	spare		
spare4	SparesEvap.Harness	spare96	spare		
spare6	SparesEvap.Harness	spare97	spare		
spare7	SparesEvap.Harness	spare98	spare		
spare8	SparesEvap.Harness	SubH	Subnet		
spare9	SparesEvap.Harness	SubL	Subnet		
spare17	SparesFr-to-RearHarness	TX	TPMSDATA		
spare18	SparesFr-to-RearHarness	TxD	MCMInterface		
spare19	SparesFr-to-RearHarness	Up	ClusterKeyPad		
spare20	SparesClearanceLts	VDALT	Alternator		
spare21	SparesClearanceLts	WHITE	TrailerConnectorGnd		
spare22	SparesClearanceLts	WhtFR	TPMSDATA		
spare23	SparesClearanceLts	YELLOW	TrailerFlasherLH		
spare24	SparesClearanceLts				
spare25	SparesClearanceLts				
spare26	SparesFrontHarness				
spare27	SparesFrontHarness				
spare28	SparesFrontHarness				
spare29	SparesFrontHarness				
spare30	SparesFrontHarness				
spare31	SparesFrontHarness				
spare32	SparesFrontHarness				
spare33	SparesFrontHarness				
spare34	SparesFrontHarness				
spare35	SparesFrontHarness				
spare36	SparesFrontHarness				
spare37	SparesFrontHarness				
spare38	SparesFrontHarness				
spare39	SparesDash				
spare40	SparesDash				
spare41	SparesDash				
spare42	SparesDash				
spare43	SparesDash				
spare44	SparesDash				