

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
0	GndLevelLow	0RC2	GndDriverCylinder	12WUp5	PwrtoModuleA51
2B	CondSndSpdSig	0RC3		12w_up	VecrInside
5A	UpperHeaterPwr	0RC4	Gnd	13	GndTransducer
5B	UpperHeaterPwr	0RC5	Gnd	16	SpeedSignal
5C	UpperHeaterPwr	0RC5A	Gnd	18	Wip.WasherLevel
7	DriverSensorRtn	0RC5B	Gnd	20	Air_Dryer_Pwr
9A	GndEngineDoorSe	0SA1	GND_Alt120A	21	FlasherLHSig
9B	EngineCmpt.Lt	0VA	Equalizer_Gnd	21A	FrontFlasher
0A	Evap.Gnd	0Y	ABS_Gnd	21AA	FlashersRearLH
00A	GndElectronic	10	LuggageCmpt.LtsPwr	21B	CorneringLtsLH
00AB	Sw103A	10A	LuggageCmpt.LtsPwr	21BR	GndFoglights
00B	ElectronicGndofMuxModules	12	RearSlideOutRetractingSignal	21C	UpperRearLights
0BB	SensorGnd	12A	12Direct	22	HazardSwSig
0BR3	GndRearLighting	12CPC	R22_DDEC	23	FlasherRHSig
0C	GndStarter062214	12Ecu	12v_Engine_Ecu	23A	FrontFlasherRH
0CE	GND48A47	12ecu	VecrInside	23AA	FrontFlasherRHSide
0CG	67888	12K	KeyLessIgn	23B	CorneringLtsRH
0EV1	CondensorPwr	12VB	Equalizer_Power	23BR	GndFogandCorneringLtsRH
0EV2	GndHvac	12VD	12VDTOCB2	23C	UpperRearLights
0F	FJBDDoorOpenSig	12VD1	12VDFrontWake-up	24A	Battery_24V
0FA1	GndofEntranceWdo	12VD2	12Direct	24AW	AwiningWindowsPower
0FA4	Chassisgnd	12VD3	12vRearwake-up	24CO	PwrtoExcitationResistor
0FB1	GndMirrors	12VD4	12v_Engine_Ecu	24D	24Direct
0FB2	GndDriverWdo	12VDCust	12VDCustomer	24EE1	24Ignition
0FB3	GNDCustomer	12VDF	12VDtoFrontVec	24EE2	24Ignition
0FC1	Driverseat	12VI	12VitoCB10	24VB	Equalizer_Power
0FC4	ElectricalHorn	12vi	VecrInside	24VB1	24VEnginePreheater
0FD1	GNDMuxpower	12VI1	12VlofA44	24VB2	24VEnginePreheater
0FE	Gnd_AFSS	12VI2	MirrorPwr	24VD	MasterRelayPwr
0G	GndofA54	12VI3	PwrOutletDrawer	24vd	VecrInside
00G	Steering_Gnd	12VI4	PwrOutletandCigarLighter	24VD1	24VDtoFront
0H	GroundCoolantSensor	12VI5	12VitoVECR	24VD2	24VDtoRearVec
0L	KeylessModuleKeypadGnd	12VI6	PwrtoModuleA50	24VD3	24VDofCECM
0PR2	GndFrontClearanceLts	12VI7	TrailerABSPower	24VD4	24VDFrontWake-up
0PR3	UpperDefrosterGnd	12VI9	TPMSPow	24VD5	24VD
0RA2	SignalGndR1	12VICust	12VICustomer	24VD7	PassandPRackPwr
0RB3	Gnd	12VIF	12VitoFrontVec	24VD8	UreaPowerACM
0RB4	Air_Dryer_Gnd	12VIF19	12VI_DDDL	24VD8A	UreaPowerACM
0RB6	Luggageslockunlockrelay	12VIZF	ZFsterringControl	24VD8B	UreaPowerACM
0RB7	GndToEcm	12Wup	Vecr_Inside	24VDCust	24VDCustomer
0RB7A	GndtoACM	12WUp1	12VWUptoA48	24VI	24VI
0RB7B	GndtoACM	12WIn1	12WInFront	24vi	VecrInside

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
24VI2	Multifunctionswitchpower	46A	FrontMarkers	69A	PneumaticHorn
24VI3	24vIgn	47	DoorOpenSignal	71A	DockingLtsLH
24VI4	SunVisorsPwr	48A	DoorUpperPen	72A	DockingLtsRH
24VI5	24VlofMuxmodules	48B	DoorUpperPenSig	72B	Sunvisor
24VI6	PwrtoDefrostUnit	48C	DoorUpperPenSig	72C	Sunvisor
24VI7	WiperPower	49A	DoorInsideSwCloseSig	72R	GndRJB
24VI8	24VltoMux	50	WitnessGndSig	74D	Sunvisor
24VI9A	24VlofA54	52	Sw102	76	FuelLevelSig
24VI10	24VI	53	LowerWip.Spd1Sig	76C	FuelLevelSig
24VIA	Cut-outPneumaticAcc	53A	ElectricalHorn	77	TransducerHi-Side
24VICust	24VICustomer	53B	Wiper	77B	PassandPRackLiquidValve
24VIF	24VltoFrontVEC	53C	LowerWip.IntSig	77BA	A/CClutch
24WUp1	24VWUptoA47	53D	LowerWip.WasherSwSig	77BB	A/CClutchsmalla/c
24Wup1	24WUpFront	53E	LowerWiper1stSpd	77C	PassandPRackLiquidValve
25	EngineRunSignal	53F	LowerWasherPump	77K	CoilThermostatSignal
25A1	ExcitationSignal	53H	LowerWiper	78	StopLightSensorSig
25A2	Alternator2Signal	53J	HornElectric	79	12V_Wup
25A4	BatteryNotChargingSig	53K	KeyLessSig	79A	DecelSignal
26	DriverWdoPwr	57A	AuxiliaryWaterPump	79C	DecelSignal
26A	DriverWdo	57L	Hi-Beam	80	BrakeRedundant
26B	DriverWdo	57R	HighBeamRH	81	HeadLtCallSw1
26D	EntranceWdo	57Rtn	SignalRtnHeadLtsLH	82A	Transmission
26E	EntranceWdo	58L	LowBeam	82Low	StopRearLowerLamp
27	PowerEntranceDoorWdo	58R	LowBeamRH	82Up	StopRearUpperLamps
31	UnloaderRH	58Rtn	HeadLampRHRtn	83	24vAccessories
31B	WiperPower	59	Hi/LowBeamSignal	84B	StartSigSw83
32	FrontSlideOutExtending	60	FogsLtsSwSig	85	24VIgnition
32A	BackupLtandalarm	61	HeadLtsSig	85A	Ign-AccSignal
32D	BackupLtandalarm	63	ClearanceLts	85a	Ign-AccSignal
33	UnloaderLH	63A	FrontClearanceLts	85B	Wake-upSig
35	EntranceDoorLights	63AA	ClearanceLts	85C	PositionNormalSw58
35A	EntranceLight	63BB	ClearanceLts	85D	RearStartPwr
39	DriverLtSwSig	64A	Blinker	85E	RearStartSignal
39AA	GndElectronic	65	FootDamper	85F	24VIgnition
39B	KeyLessSig	65A	FootDamper	85G	EgnineStartPwrSw58
39D	DriverLt	65D	DriverCylinder	85J	CutoutRlyLatchSig
39Rtn	GndDriverLt	65P	Pass.Cylinder	85Y	Abs_Bus_Signal
40	WitnessGnd	66	MarkersSigSw2	85Z	ABS_Trailer_Sig
41	24VCondensor	67	EvaporatorPwr	86	DefrostunitSpd
41A1	CondensorPwr	67A	Condensor1stSpdSig	86A	PassengerDefrosterControl
45	UpperdefrosterSwSig	68	DashDamper	86ARtn	GndReturn
45A	PassengerHeatSig	68A	DashDamper	86BRtn	GndReturn

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
86D	PassengerSensor	120	Transmission	141	Transmission
86RTN	GndEntrancedoorLt	123	AFSS	142	ABSSolenoid
86Rtn	GndPassengerDefrosterControl	123A	WakeUpSignal	143	ABSSensor
87	TrailerParkBrakeSig	124A	Transmission	143A	ABSSensor
88	CompressorPressureSignal	125	RetarderSig	144	ABSSensor
89	Drivesensorsig	126F	LevelLowSignal	144A	ABSSensor
90H	24VltoEvap	127	Transmission	145	ABSSolenoid
90H1	Evaporator	128	SunVisors	146	ABSSolenoid
91	ParkBrakeSig	129	SunVisors	147	ABSSolenoid
91B	WitnessSigSw14	130	SunVisors	148	Transmission
92	TrailerParkBrakeSig	131	Transmission	149	Transmission
93	PassengerDefrostSwitchUp	132	DifferentialLockSignal	149A	ABSSensor
94	PassengerDefrostSwitchDown	132A	LevelLowPower	150	Transmission
95	DockingLTswSig	132B	LevelLowSo30	151	GndtoEcm
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	Transmission
00B1	GndEng.Start	134	BatteryNotChargingSig	153	MirrorPwr
0V1	LuggageDoorOpenSig	135	Transmission	154	Transmission
0V2	LuggageDoorOpenSig	135A	Transmission	155	Transmission
0V3	LuggageDoorOpenSig	136	Transmission	156A	12VltoABS
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	FogLtsRH	137H	Mirrors	168	ACB
111	Transmission	137J	Mirrors	170A	LuggagesLocks
114	BacklightPwr	137K	Mirrors	170B	LuggagesLocks
114A	Backlight	137L	Mirrors	170D	Luggageslockrelay
115	Transmission	137M	Mirrors	170E	Luggagesdoorslockrelays
115A	WitnessLampPwr	137N	Mirrors	170F	LuggagesLocks
115W	Transmission	137P	Mirrors	170G	LuggagesLocks
116	DriverLiq	138	Transmission	170K	LuggagesLocksSwitch
116A	DriverLiq	138A	ABSSensor	170L	LuggagesLocksSwitch
118	Transmission	139	Transmission	170M	LuggagesLocksSwitch

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
170P	LuggagesLocksSwitch	285B	KeyLessSig	510	FastIdleSignal
170Q	LuggagesLocksSwitch	286	EntranceDoorLock	511	UreaSystem
170R	LuggagesLocksSwitch	286A	EntranceDoorLock	512	UreaSystem
170S	LuggagesLocksSwitch	286B	FrontDoorLock	513	UreaSystem
170SS	LuggagesLocksSwitch	287	KeyLessSig	515	GndPreHeaterRelay
170T	LuggagesLocksSwitch	290	GndFanClutch	516	UreaSystem
170V	LuggagesLocksSwitch	290A	GndFanClutch	517	UreaSystem
170W	Luggageslockrelay	291	FanClutch	518	UreaSystem
170X	LuggagesLocksSwitch	292	FanClutch	519	UreaSystem
170Y	LuggagesLocks	294	KeyLessSig	520	UreaSystem
170Z	LuggagesLocks	295	KeylessModuleOutput	521	UreaSystem
171	LuggageUnlockSwSig	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	See_H3_Design	526	UreaSystem
185	TransmissionInhibitSig	344	ExtinguisherSignal	527	UreaSystem
197	FuelFilterSig	345	See_H3_Design	528	UreaSystem
201	HeadLampSignal	346	PowerSensors	530	UreaSystem
202	HeadLampWash.Pump	347	Fire_Detect_Alarme	532	UreaSystem
231	NeutralSignal	348	See_H3_Design	541	CruiseSetSig
231A	StarterRelay	351	EngineShout-downSignal	544	CruiseOn_OffSignal
231B	Starter_Relay	352	AFSS	544A	CruiseOn-OffLed
240A	12v_Engine_Ecu	360	ClusterKeyPad	545	CruiseResumeSig
241A	PwrDDDRConn	361	ClusterKeyPad	583	EngineBrakeB
241B	PwrDDDRConn	362	ClusterKeyPad	600	ABSSensor
241C	WaterInFuelHeater	363	ClusterKeyPad	600A	ABSSensor
260	WindowAjarSignal	364	FrontAirBrakePress	601	ABSSensor
272	KeylessModuleInput	365	FrontAirBrakePress	601A	ABSSensor
274	KeylessModuleInput	366	RearAirBrakePress	602	ABSSteering&Yawsensor
276	KeylessModuleInput	367	RearAirBrakePress	603	ABSSteering&Yawsensor
277	KeylessModuleKeypadLt	368	AccAirPress	604	ABSSteering&Yawsensor
278	KeylessModuleInput	369	AccAirPress	605	ABSSteering&Yawsensor
280	KeylessModuleInput	417	ThrottlePositionSignal	606	ABSPressuresensor
281	KeyLessSigUnlock	439		607	ABSPressuresensor
282	KeyLessSigUnlock	439G	Steering	608	ABSPressuresensor
283	EntranceDoorHingeSignal	500	DDECGND	609	ABSPressuresensor
283A	UnlockSig	501	Ground_Control_Relay	610	ABSPressuresensor
283C	EntranceDoorHingeSignal	502	IVSOut	611	AbsTagSolenoid
284A	LuggagesUnlockRelays	505	DPFVolvo	612	AbsTagSolenoid
284B	KeyLessSig	506	DPFVolvo	613	AbsTagSolenoid

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
614A	ABSSteeringSolenoid	CC12	ConverterOutput1	N19	A50Address
615	ABStrailersolenoid	CC13	ConverterOutput3	N20	A50Address
616	ABStrailersolenoid	CC14	ConverterOutput2	N21	A51Address
617	ABStrailersolenoid	CC15	ConverterOutput4	N22	A51Address
900	J1587+	CC16	ConverterOutput5	N23	A52Address
901	J1587-	CC17	ConverterOutput6	N24	A52Address
911	EmergencyCutoutRlySignal	Cd	ComputerSignals	N25	A53Address
916	5VSensorPwr	Cd1	ComputerSignals	N26	A53Address
952	GndSensorRtn	Cts	ComputerSignals	N27	A54Address
953	Electronic_ground_DDEC_VI	D	Trans.HandLever	N28	A54Address
979	EngineBrakeA	DBusH	DBusH	N29	A36Address
980H	Hispeedfanevaporator	DbusH	DBusSignal	N30	A56Address
980L	lowspeedfanevaporator	DBusL	DBusL	N31	A56Address
A	Trans.HandLever	DbusL	DBusSignal	N32	A57Address
B	Trans.HandLever	Down	ClusterKeyPad	N33	A55_Address
BLACK	TrailerBackupLights	E	Trans.HandLever	N34	A55_Address
BikFR	TPMSGND	Escape	ClusterKeyPad	nil	Inside_VECF
BikRL	TPMSGND	F	Trans.HandLever	OFB3	TPMSGND
BikRR	TPMSGND	G	Trans.HandLever	RED	Volvo_Starter_Signal
BLUE	TrailerconnectorABSPower	GndA	ComputerSignals	RedFR	TPMS12V
BRef1	OutsideTemperatureSensor	GREEN	TrailerFlasherRH	RedRL	TPMS12V
Bref1	PassengerSensor	H	Trans.HandLever	RedRR	TPMS12V
Bref2	PassengerSensor	J1939H	J1939	Rts	ComputerSignals
BROWN	TrailerMarkerlights	J1939L	J1939	RX	TPMSDATA
C	Trans.HandLever	LIN	Steering	RxD	ComputerSignals
CAN2-H	EngineCan2	N1	A41Address	Select	ClusterKeyPad
CAN2-L	EngineCan2	N2	A41Address	So1	Gnd
CAN2H	DPFVolvo	N3	A42Address	So2	SldOutRemoteSig
CAN2L	DPFVolvo	N4	A42Address	So3	SldOutInSig
CanH	CanHSignal	N5	A43Address	So4	SignalOut
CanH1	Sparefrttorr	N6	A43Address	So6	Proximitysignal
CanL	CanLSignal	N7	A44Address	So7	Proximitysignal
CanL1	Sparefrttorr	N8	A44Address	SO8	PowerSldOut1Sensor
Can_H	Can_HSignal	N9	A45Address	So8	PowerSldOut1Sensor
Can_L	Can_LSignal	N10	A45Address	So9	SldOut1StatusLed
CC1	Converterinput1	N11	A46Address	So10	SldOut1RelaySig
CC2	Converterinput2	N12	A46Address	So11	SldOut2RelaySig
CC3	Converterinput3	N13	A47Address	So12	SealInflating
CC4	ConverterInput4	N14	A47Address	So13	SldOut1SealDeflatSig
CC5	Converterinput5	N15	A48Address	So14	SldOut1VacumGen
CC6	Converterinput5	N16	A48Address	So16	SensorGndRtn
CC7	ConverterInnit2	N17	A49Address	So18	GndSlideOut

CIRCUITS LIST

CircuitID	Description	CircuitID	Description		
So20	SldOutMotor1Sig	spare30	SparesFrontHarness		
So21	SldOut1MotorSig	spare31	SparesFrontHarness		
So26	SlideOut	spare32	SparesFrontHarness		
So31	GndSlideOut	spare33	SparesFrontHarness		
So32	SldOut1SignalOut	spare34	SparesFrontHarness		
So33	SldOut2SignalIn	spare35	SparesFrontHarness		
So36	Proximitysignal	spare36	SparesFrontHarness		
So37	Proximitysignal	spare37	SparesFrontHarness		
So38	PowerSldOut2Sensor	spare38	SparesFrontHarness		
So39	SldOut2StatusLed	spare39	SparesDash		
So40	SldOut2RelaySig	spare40	SparesDash		
So41	SldOut2RelaySig	spare41	SparesDash		
So42	SldOut2SealDeflatSig	spare42	SparesDash		
So46	SldOutMotor2sig	spare43	SparesDash		
So47	SldOutMotor2sig	spare44	SparesDash		
So48	SldOut2MotorSig	spare45	SparesFr-to-RearHarness		
So55	SecurityPinSol	spare46	SparesFr-to-RearHarness		
So58	SldOutMotor1Sig	spare51	SparesEngineCradle		
So59	SldOutMotor2sig	spare52	SparesEngineCradle		
So61	SldOut2SealInflat	spare53	SparesEngineCradle		
SP	ConverterVehicleSpeed	spare54	SparesEngineCradle		
Spare	VecrInside	spare62	spareABSHarness		
spare	VecrInside	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	TX	TPMSDATA		
spare9	SparesEvap.Harness	TxD	ComputerSignals		
spare17	SparesFr-to-RearHarness	Up	ClusterKeyPad		
spare18	SparesFr-to-RearHarness	VDALT	Alternator		
spare19	SparesFr-to-RearHarness	WHITE	TrailerConnectorGnd		
spare20	SparesClearanceLts	WhtFR	TPMSDATA		
spare21	SparesClearanceLts	WhtRR	TPMSDATA		
spare22	SparesClearanceLts	YELLOW	TrailerFlasherLH		
spare23	SparesClearanceLts				
spare24	SparesClearanceLts				
spare25	SparesClearanceLts				
spare26	SparesFrontHarness				
spare27	SparesFrontHarness				
spare28	SparesFrontHarness				