

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
0A	Evap.Gnd	0RB7	GndAwningWindow	12VD3	12vRearwake-up
00A	GndElectronic	0RB8	GND_ACM	12VD4	12V_Engine_ECU
00A1	GndElectronic	0RB8B	GndtoACM	12VDCust	12VDCustomer
0B	GndEngineCompt	0RC1	GndS/ACWaterpump	12VDF	12VDtoFrontVec
00B	ElectronicGndofMuxModules	0RC2	GndDriverCylinder	12VI	12VItoCB10
0B1	GndEnginePreheater	0RC4	GndKeylessKeypad	12VI1	12VIofA44
00B1	GndEng.Start	0SA1	GndAlternator	12VI2	MirrorPwr
0BB	Trans.FrontAirBrake	0SA2	GndAlternator	12VI3	PwrOutletDrawer
0C	GndStarter062214	0V1	LuggageDoorOpenSig	12VI4	PwrOutletandCigarLighter
0CE	GND48A47	0V2	LuggageDoorOpenSig	12VI5	12VItoVECR
00D	RJBajarSignal	0V3	LuggageDoorOpenSig	12VI6	PwrtoModuleA50
0EV1	Condensor_Gnd	0V4	EvaporatorLightSwitch	12VI8	AirDryer
0F	FJBDoorOpenSig	0VE	EqualizerGnd	12VI9	TireMonitoringPwr
0FA1	GndofAccessoires	0Y	ABS_Gnd	12VICust	12VICustomer
0FA2	GndAuxLiqSolenoidValve	0Y2	GndChassisABSSol	12VIF	12VItoFrontVec
0FA4	gnd	0Y3	GndChassisABSSol	12VIF19	12VDdash
0FB1	GNDBackupcamera	1	Transmission	12VIZF	ZFsterringControl
0FB2	GndDriverWdo	2/10RS	Condensorlightswitch	12WUp1	12VWUptoA48
0FB5	GNDMuxpower	2B	CondSndSpdSig	12Wup1	12WUpFront
0FC1	Driverseat	6	DriverLightSwitch	12Wup2	12WUptoDash
0FC4	ElectricalHorn	7	GndDriverSensor	12Wup3	24WupLuggageslock
0FD1	GNDCustomer	9A	EngineDoorOpenSig	12WUp5	PwrtoModuleA51
0FDS	Driver_Seat_Gnd	9B	EngineCmpt.Lt	13	GndTransducer
0FE	Flame_Detector_Gnd	10	LuggageCmpt.LtsPwr	15	UpperWipInt.Signal
0FE1	GNDCustomer	10A	LuggageCmpt.LtsPwr	15A	UpperWip.1StSpdSig
0FE1A	GNDCustomer	10ARtn	Condensorlightswitch	16	Speed_signal
0FE1B	GNDCustomer	10H0	LuggageCmpt.LtsPwr	16A	UpperWasherPump
0FE4	Flame_Detector_Gnd	10H1	LuggageCmpt.LtsPwr	17	UpperWasherSwSignal
0FE5	Gnd_AFSS	10H2	LuggageCmpt.LtsPwr	18	Wip.WasherLevel
0G	GndofA54	10H3	LuggageCmpt.LtsPwr	20	AirDryer
0H	GroundCoolantSensor	10H4	LuggageCmpt.LtsPwr	21	FlasherLHSig
0L	KeylessModuleInput	10HB	LuggageCmpt.LtsPwr	21A	PWERMIRROR_LED
0L/00A	KeylessModuleInput	10R	LuggageDoorOpenSig	21AA	FlashersRearLH
0PR1	GndUpperWiperMotor	10S	LuggageDoorOpenSig	21B	CorneringLtsLH
0PR2	GndFrontClearanceLts	12	Converter	21C	GndMarkersandStopLts
0RA2	GND_RJB	12A	12VDtoR3	22	HazardSwSig
0RA3	GndWake-upRly	12Ecu	12v_Engine_Ecu	23	FlasherRHSig
0RB1	GndCameraDoorSolenoid	12H	Backupcolor	23A	PWERLED_MIRROR
0RB2	GndBackUpCamera	12K	KeylessModule	23AA	FrontFlasherRHSide
0RB3	GndRearLighting	12VA	12VEqualizer	23B	CorneringLtsRH
0RB4	GndLuggagesLock	12VD	12VDTOCB2	23C	ClearanceLts
0RB5	GndLuggagesLock	12VD1	12VDFrontWake-up	24A	BoosterBlock
0RB6	GndCustomer	12VD2	KeylessBatteryPower	24Alt	Resistor_Pwr_Excitation

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CircuitID	Description	CircuitID	Description	CircuitID	Description
24AW	Awining_Wind_Pwr	28	Flasher_LH	57R	Hi-Beam
24CO	24COtoSw58	31	UnloaderRH	57Rtn	SignalRtnHeadLtsLH
24D	24DtoCB6	31B	LowerWip1stSpd	58L	LowBeam
24E	24VIttoCB1	31EE	UpperWipSpd.1	58R	LowBeam
24VA	24vEquilizer	32	Converter	58Rtn	Lamp_Modul_Gnd
24VB2	24VEnginePreheater	32A	BackupLtandalarm	59	Hi/LowBeamSignal
24VD	MasterRelayPwr	32D	BackupLtandalarm	60	FogsLtsSwSig
24VD1	24VD	32EE	UpperWiperMotor	61	HeadLtsSig
24VD2	24VDtoRearVec	35	EntranceDoorLights	63	Clearancelts
24VD3	24VDofCECM	35A	EntranceCeilingLight	63A	FrontClearancelts
24VD4	24VDFrontWake-up	35B	EntranceDoorLights	63AA	Clearancelts
24VD5	PowerModuleA41	35RTN	EntranceCeilingLtGnd	63BB	Clearancelts
24VD6	24VD	39	DriverLtSwSig	64A	Blinker
24VD8	UREA_Pwr_ACM	39B	KeylessModuleOutput	65	FootDamper
24VDCust	24VDCustomer	39D	DriverLt	65A	FootDamper
24VDS	Driver_Seat_Pwr	39Rtn	Driver_Light_Gnd	65D	DriverCylinder
24VI	24VI	40	WitnessGnd	65P	AuxiliaruLiqSolValve
24VI1	24VIttoRearVec	41A	24VCondensor	66	MarkersSigSw2
24VI2	Multifunctionswitchpower	41A1	PwrCondensormotors	67	EvaporatorPwr
24VI3	UpperWip.MotorPwr	41A2	PwrCondensormotors	67A	CondensorPwr
24VI4	SunVisorsPwr	41A3	PwrCondensormotors	68	DashDamper
24VI5	24VltofMuxmodules	41A4	PwrCondensormotors	68A	DashDamper
24VI6	PwrtoDefrostUnit	45	Pre-HeatSigRly	69	ElectricalHorn
24VI7	LowerWiperPower	46	Marker_RH_Front	69A	HornPneumatic
24VI8	24VIttoMux	46A	FrontMarkers	71A	DockingLtsLH
24VI9	24VltofA54	47	DoorOpenSignal	72A	DockingLtsRH
24VI9A	24VltofA54	49A	DoorInsideSwCloseSig	72B	Sun_Visor
24VI9B	24VltofA54	50	WitnessGndSig	72C	Sun_Visor
24VI12	Engine_Cmpt_Lts_Pwr	52	Sw102	72R	GndMarkersandStopLts
24VIALT	AwiningWindowsPower	53	LowerWip.Spd1Sig	74D	Sun_Visor
24VICust	24VICustomer	53A	ElectricalHorn	76	FuelLevelSig
24VIF	24VIttoFrontVEC	53B	LowerWip.Spd2Sig	76C	FuelLevelSig
24WUp1	24VWUptoA47	53C	LowerWip.IntSig	77	TransducerHi-Side
24Wup1	24WUpFront	53D	LowerWip.WasherSwSig	77B	PassandPRackLiquidValve
25	EngineRunSignal	53E	LowerWiper1stSpd	77BA	A/Cclutch
25A	Alternator_signal	53F	LowerWasherPump	77C	PassandPRackLiquidValve
25A1	ExcitationSignal	53G	LowerWip1stSpd	77K	CoilThermostatSignal
25A1D	Alternator_signal	53H	LowerWiper	78	StopLightSensorSig
25A2	Alternator2Signal	53J	Air_Horn	79	TranducerLow-Side
25A4	BatteryNotChargingSig	54	MarkersCenter	79A	StopLightSensorSig
26	DriverWdoPwr	56	Sw103	79B	Service_brk
26A	DriverWdo	57A	AuxiliaryWaterPump	80	BrakeRedundant
26B	DriverWdo	57L	Hi-Beam	81	HeadLtCallSw1

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CircuitID	Description	CircuitID	Description	CircuitID	Description
82A	CyclopeLamp	102A	Alternator	136AA	ShifterSignal
82B	CyclopeLamp	104	LevellowSo28	137	Transmission
82Low	StopRearLowerLamp	105	Fog_LH	137A	MirrorPwrSig
82Up	StopRearUpperLamps	105A	Fog_Light	137B	Mirrors
83	24vAccessories	105ARtn	Fog_Light_Gnd	137C	Mirrors
84	StartSigSw83	105Rtn	Fog_Light	137D	Mirrors
84A	Start_Sig_Sw83	106	Fog_Light	137E	Mirrors
84B	StartSigSw83	106A	Fog_Light	137F	Mirrors
85	24VIgnition	108	LDW	137H	Mirrors
85A	Ign-AccSignal	111	Transmission	137J	Mirrors
85B	Wake-upSig	114	BacklightPwr	137K	Mirrors
85C	PositionNormalSw58	114A	Backlight	137L	Mirrors
85D	RearStartPwr	115	Transmission	137M	Mirrors
85E	RearStartSignal	115A	WitnessPwr	138	ABSSensor
85F	Engine_Start_Pwr_SW58	116	DriverLiq	138A	ABSSensor
85G	EgnineStartPwrSw58	116A	DriverLiq	139	ABSSolenoid
85H	Ign-AccSignal	118	Transmission	140	ABSSolenoid
85Z	Trailer_Abs_Ind	119	Back_up_monitor	141	ABSSolenoid
86	DefrostunitSpd	120	Transmission	142	ABSSolenoid
86A	PassengerDefrosterControl	123	FireAlarm	143	ABSSensor
86C	PassengerSensor	123A	WakeUpSignal	143A	ABSSensor
86Rtn	GndDefrostUnit	124A	Starter_Relay	144	ABSSensor
87	ESP	124B	StarterRelay	144A	ABSSensor
88	CompressorPressureSignal	125	Retarder_Lamp	145	ABSSolenoid
89	DriverSensorSig	126F	LevellowSignal	146	ABSSolenoid
90H	24VtoEvap	127	Transmission	147	ABSSolenoid
90H1	Evaporator	128	Sun_visors	148	ABSSolenoid
91	ParkBrakeSig	129	Sun_Visors	149	ABSSensor
91B	WitnessSigSw14	130	Sun_Visor	149A	ABSSensor
92	TrailerParkBrakeSig	131	Evaporator2ndSpd	150	Transmission
93	PassengerDefrostSwitchUp	132	DifferentialLockSignal	151	GndtoEcm
94	PassengerDefrostSwitchDown	132A	Level_Low	151A	GndToEcm
95	DockingLTSwSig	132B	LevellowSo30	151B	GndToEcm
96	CorneringLTSwSig	132C	LevellowSo31	151C	GndToEcm
97	LowDockingLightsSwitchSignal	132D	LevellowSo32	151D	GroundLevelGround
97A	SpecialOption	132E	LevellowPower	152	ABSRearAtcSolenoid
98	BackupCancelSwitch	132F	LevellowPower	153	LDWPower
100L	LDW	133	Transmission	154	Transmission
100R	LDWLeftMotor	134	BatteryNotChargingSig	155	TransmissionInhibitSig
101	Starter	135	Transmission	156A	12VtoABS
101A	Starter	135A	HandLevelSig	157D	Bus_Abs_Ind
101B	Starter	136	Transmission	159	Transmission
102	Alternator_Pwr	136A	Transmission_Pwr	160	TagSignal

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CircuitID	Description	CircuitID	Description	CircuitID	Description
161	LDW	207	VannerCtr	290	GndFanClutch
163	RetarderSig	208	VannerCtr	290A	GndFanClutch
163A	EngBrakeRetSignal	209	VannerCtr	290Rtn	GndMarkersandStopLts
163B	RetarderEnSig	210	VannerCtr	291	FanClutch
164	HandLevelSig	211	VannerCtr	292	FanClutch
166	WitnessSigSw16	229	Auxiliarydefrost	294	KeylessModuleOutput
167	ACB	229A	Auxiliarydefrost	295	GndElectronic
168	ACB	231	Neutral	296	RJBDoorFan
170A	LuggagesLocks	231A	CrankSignal	297	TransShiftDown
170B	LuggagesLocks	231B	Starter_Relay	298	TransShiftUp
170D	Luggages_Lock_Pwr	240A	12v_Engine_Ecu	342	AFSS_Panel_Gnd
170E	Luggagesdoorslockrelays	240B	CPC_Supply	343	Fire_EngineStopTTL
170F	LuggagesLocks	241A	PowertoEcm	344	ExtinguisherSignal
170G	LuggagesLocks	241B	24VoltIgnition	345	See_H3_Design
170K	LuggagesLocksSwitchesSignal	241C	WIF_Heater	346	See_H3_Design
170L	LuggagesLocksSwitchesSignal	260	WindowAjarSignal	347	Fire_Detect_Alarme
170M	LuggagesLocksSwitchesSignal	264	AuxiliaryFanSpeedControl	347A	Fire_Detect_Alarme
170N	LuggagesLocksSwitchesSignal	264Rtn	AuxiliaryFanSpeedControl	348	See_H3_Design
170P	LuggagesLocksSwitchesSignal	270	KeylessModuleInput	351	EngineShout-downSignal
170R	LuggagesLocksSwitchesSignal	272	GNDCustomer	352	OverrideSignal
170S	LuggagesLocksSwitchesSignal	272M	KeylessModuleInput	360	Cluster
170T	LuggagesLocksSwitchesSignal	274	KeylessModuleInput	361	Cluster
170V	LuggagesLocksSwitchesSignal	274M	KeylessModuleInput	362	Cluster
170W	Luggages_Lock_Pwr	276	KeylessModuleInput	363	Cluster
170Y	LuggagesLocks	276M	KeylessModuleInput	364	Trans.FrontAirBrake
170Z	LuggagesLocks	277	KeylessModuleKeypadLt	365	Trans.FrontAirBrake
171	LuggageUnlockSwSig	278	GNDCustomer	366	Trans.RearAirBrake
172	LuggageUnlockSwSig	278M	KeylessModuleInput	367	Trans.RearAirBrake
173	LuggageUnlockSwSig	280	KeylessModuleInput	368	AccessoriesAirPressure
174	Transmission	280M	KeylessModuleInput	369	AccessoriesAirPressure
175	BackUpCamera	281	EntranceDoorLock	417	ThrottlePositionSignal
175B	BackupCamSignal	282	EntranceDoorLock	439	12VI
175D	12VIBackupcamera	283	EntranceDoorHingeSignal	439G	Steering_Pwr
175E	Backupcolor	283C	EntranceDoorHingeSignal	500	DDECGND
176	Transmission	284A	LuggagesUnlockRelays	501	Control_Ground_Relay
177	Transmission	284B	KeylessModuleOutput	502	IVSOut
180	Transmission	285	LuggagesLockRelays	504	UreaSystem
201	Upperwiper&HeadlampsWasher	285B	KeylessModuleOutput	505	UreaSystem
202	Head_Lamp_Washer_Pump	285C	KeylessModuleOutput	506	DPFVolvo
203	VannerCtr	286	EntranceDoorLock	507	DPFVolvo
204	VannerCtr	286A	EntranceDoorLock	510	FastIdleSignal
205	VannerCtr	286B	FrontDoorLock	511	UreaSystem
206	VannerCtr	287	KeylessModuleOutput	512	UreaSystem

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CircuitID	Description	CircuitID	Description	CircuitID	Description
513	UreaSystem	613	AbsTagSolenoid	CC13	ConverterOutput3
515	GroundPreheaterRelay	614	ABSSteeringSolenoid	CC14	ConverterOutput2
516	UreaSystem	614A	ABSSteeringSolenoid	CC15	ConverterOutput4
517	UreaSystem	900	J1587	CC16	Converteroutput4
520	UreaSystem	901	J1587	CC17	ConverterOutput6
521	UreaSystem	911	EmergencyCutoutRlySignal	Cd1	ComputerSignals
522	UreaSystem	916	5VSensorPwr	CTS	MCMIntreface
523	UreaSystem	952	GndSensorRtn	Cts	ComputerSignals
524C	IdleValidationSig	953	Electronic_ground_DDEC_VI	D1	UpperWiperMotor
525	UreaSystem	979	EngineBrakeA	D75.A	ParkBrakeSig
526	UreaSystem	980H	Hispeedfanevaporator	DLOH1	Sparefrttorr
526A	DPFVolvo	980L	lowspeedfanevaporator	DL0L1	Sparefrttorr
526B	DPFVolvo	A56J1.7	SldOut2SealInflat	DL1H	J1939
526C	DPFVolvo	A56J1.10	SldOut2SealDeflatSig	DL1L	J1939
527	UreaSystem	A57J1.7	SldOut2SealInflat	DL2H	Can2
528	UreaSystem	A57J1.10	SldOut2SealDeflatSig	DL2L	Can2
530	UreaSystem	A58J1.7	SldOut2SealInflat	DL3H	DBusSignal
531	UreaSystem	A58J1.10	SldOut2SealDeflatSig	DL3L	DBusSignal
532	UreaSystem	Alt	Excitation_Signal	DL7H	Subnet
533	Control_Ground_Relay	BLACK	TrailerBackupLights	DL7L	Subnet
534	Control_Ground_Relay	BLK	GndKeylessKeypad	DL9H	J1939P
535	WettankPress5v	BlkFR	TPMS	DL9L	J1939P
536	WettankPressOut	BlkRL	TPMS	Down	Cluster
537	WettankPress5v	BlkRR	TPMS	Escape	Cluster
541	CruiseSetSig	BLU	KeylessModuleKeypadLt	GndA	ComputerSignals
544	CruiseOn_OffSignal	BLU/YEL	KeylessModuleInput	GREEN	TrailerFlasherRH
544A	CruiseOn-OffLed	BLUE	TrailerconnectorABSPower	LIN	Steering_Gateway
545	CruiseResumeSig	BRef1	OutsideTemperatureSensor	N1	A41Adress
583	EngineBrakeB	Bref1	PassengerSensor	N2	A41Adress
600	ABSSensor	BRef2	OutsideTemperatureSensor	N3	A42Adress
600A	ABSSensor	Bref2	PassengerSensor	N4	A42Adress
601	ABSSensor	BRN	KeylessModuleKeypadGnd	N5	A43Adress
601A	ABSSensor	BROWN	TrailerMarkerlights	N6	A43Adress
602	ABSSteering&Yawsensor	BussBar	24VEnginePreheater	N7	A44Adress
603	ABSSteering&Yawsensor	CC1	Converterinput1	N8	A44Adress
604	ABSSteering&Yawsensor	CC2	ConverterInput2	N9	A45Adress
605	ABSSteering&Yawsensor	CC3	ConverterInput3	N10	A45Adress
606	ABSPressuresensor	CC4	ConverterInput4	N11	A46Adress
607	ABSPressuresensor	CC5	Converterinput5	N12	A46Adress
608	ABSPressuresensor	CC6	Converterinput5	N13	A47Adress
610	ABSPressuresensor	CC7	Converterinput2	N14	A47Adress
611	AbsTagSolenoid	CC8	Converterinput2	N15	A48Adress
612	AbsTagSolenoid	CC12	Converteroutput1	N16	A48Adress

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CircuitID	Description	CircuitID	Description	CircuitID	Description
N17	A49Adress	spare9	SparesEvap.Harness	WhtRL	TPMS
N18	A49Adress	spare17	SparesFr-to-RearHarness	WhtRR	TPMS
N19	A50Adress	spare18	SparesFr-to-RearHarness	YEL	KeylessModuleInput
N20	A50Adress	spare19	SparesFr-to-RearHarness	YELLOW	TrailerFlasherLH
N21	A51Adress	spare20	SparesClearancelts		
N22	A51Adress	spare21	SparesClearancelts		
N23	A52Adress	spare22	SparesClearancelts		
N24	A52Adress	spare23	SparesClearancelts		
N27	A54Adress	spare24	SparesClearancelts		
N28	A54Adress	spare25	SparesClearancelts		
N29	A36Adress	spare32	SparesFrontHarness		
N31	A58Adress	spare33	SparesFrontHarness		
N32	A58Adress	spare39	SparesDash		
N33	A55Adress	spare40	SparesDash		
N34	A55Adress	spare41	SparesDash		
N35	A59_Adress	spare42	SparesDash		
N36	A59_Adress	spare43	SparesDash		
OFB3	TireMonitoringGND	spare44	SparesDash		
OFB5	GNDTPMS	spare45	SparesFr-to-RearHarness		
OM	KeylessModuleKeypadGnd	spare46	SparesFr-to-RearHarness		
ORB7	GndWindowAjar	spare49	SparesEngineCradle		
RED	TrailerStopLights	spare50	SparesEngineCradle		
RedFR	TPMS	spare51	SparesEngineCradle		
RedRL	TPMS	spare52	SparesEngineCradle		
RedRR	TPMS	spare53	SparesEngineCradle		
RTS	MCMIntreface	spare54	SparesEngineCradle		
Rts	ComputerSignals	spare55	SparesEnginesAccessories		
RX	TPMS	spare57	SparesEnginesAccessories		
RxD	MCMIntreface	spare58	SparesEnginesAccessories		
RxTx	MCMIntreface	spare59	SparesEnginesAccessories		
Select	Cluster	spare60	SparesEnginesAccessories		
Shield_PS	gndshield	spare61	SparesEnginesAccessories		
Shield_T1	gndshield	spare62	spareABSHarness		
Shield_T2	gndshield	spare63	spareABSHarness		
Shield_T3	gndshield	spare64	Transmission_Spare		
SP	ConverterVehicleSpeed	Spare65	Transmission_Spare		
spare2	SparesFr-to-RearHarness	spare94	SparesRearClearanceHarness		
spare3	SparesFr-to-RearHarness	spare95	SparesRearClearanceHarness		
spare4	SparesEvap.Harness	TX	TPMS		
spare5	SparesEvap.Harness	TxD	MCMIntreface		
spare6	SparesEvap.Harness	Up	Cluster		
spare7	SparesEvap.Harness	WHITE	TrailerConnectorGnd		
spare8	SparesEvap.Harness	WhtFR	TPMS		