

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
0	BatteriesGND	0RB6	GndCustomer	12Wup2	12WUptoDash
2	CondensorDoorOpenSig	0RB7	GndAwningWindow	12Wup3	24WupLuggageslock
2B	CondSndSpdSig	0RB8	GndTrailerConnector	12WUp5	PwrtoModuleA51
6	DriverLightSwitch	0RC1	GndS/ACWaterpump	13	GndTransducer
7	GndDriverSensor	0RC2	GndDriverCylinder	15	UpperWipInt.Signal
9	EngCmpt.LtsSwitch	0RC3		15A	UpperWip.1StSpdSig
9A	EngineDoorOpenSig	0RC4	GndKeylessKeypad	16	SpeedSignal
9B	EngineCmpt.Lt	0SA1	GndAlternator	16A	UpperWasherPump
9BRtn	GndEngineCmpt.Lts	0SA2	GndAlternator	17	UpperWasherSwSignal
0A	Evap.Gnd	0VE	EqualizerGnd	18	Wip.WasherLevel
00A	GndElectronic	0Y		21	FlasherLHSig
0AA	Regulatorgnd	10	LuggageCmpt.LtsPwr	21A	FrontFlasher
0B	GndEngineCompt	10A	LuggageCmpt.LtsPwr	21AA	FlashersRearLH
00B	ElectronicGndofMuxModules	10R	LuggageDoorOpenSig	21B	CorneringLtsLH
0C	GndStarter062214	12		21BR	GndFoglights
0CE	GND48A47	12A	12VDtoR3	22	HazardSwSig
00D	RJBajarSignal	12B	12VDTOCB2	23	FlasherRHSig
0DG	GndAlternator	12CPC	CPCSupply	23A	FrontFlasherRH
0EV1	GndCondensor	12Ecu	12v_Engine_Ecu	23AA	FrontFlasherRHSide
0EV2	GndHvac	12F	12VDto12PostRJB	23B	CorneringLtsRH
0F	FJBDoorOpenSig	12K	KeylessModule	23BR	GndFogandCorneringLtsRH
0FA1	GndofAccessoires	12VA	12vEqualizer	24	Battery24VMainPower
0FA2	GndAuxLiqSolenoidValve	12VD1	12VDFrontWake-up	24A	BoosterBlock
0FA4	GndPwrOutlet	12VD2	KeylessBatteryPower	24AW	AwiningWindowsPower
0FB1	GNDBackupcamera	12VD3	12vRearwake-up	24C0	Resistor_Pwr_Excitation
0FB2	GndDriverWdo	12VD4	12v_Engine_Ecu	24CO	PwrtoExcitationResistor
0FB5	GNDMuxpower	12VDCust	12VDCustomer	24D	24DtoCB6
0FC1	GndHorns	12VDF	12VDtoFrontVec	24E	24VltoCB1
0FC4	ElectricalHorn	12VDF3	ProDriverBatteryPower	24VA	24vEqualizer
0FD1	GNDCustomer	12VI	12VltoCB10	24VB	24VEnginePreheater
0G	GndofA54	12VI1	12VltofA44	24VB1	24VEnginePreheater
0H	GroundCoolantSensor	12VI2	MirrorPwr	24VB2	24VEnginePreheater
0L	KeylessModuleKeypadGnd	12VI3	PwrOutletDrawer	24VD	24VD
0PR1	GndUpperWiperMotor	12VI4	PwrOutletandCigarLighter	24VD1	24VD
0PR2	GndFrontClearanceLts	12VI5	12VltoVECR	24VD2	24VDtoRearVec
0R	GndPrimePump	12VI6	PwrtoModuleA50	24VD3	24VDofCECM
0RA2		12VI7	TrailerABSPower	24VD4	24VDFrontWake-up
0RA3	GndR1-R3	12VICust	12VICustomer	24VD5	PowerModuleA41
0RB1	GndCameraDoorSolenoid	12VIF	12VltoFrontVec	24VD7	PassandPRackPwr
0RB2	GndBackUpCamera	12VIF19	12VDdash	24VDCust	24VDCustomer
0RB3	GndRearLighting	12VIZF	ZFsterringControl	24VI	24VI
0RB4	GndLuggagesLock	12WUp1	12VWUptoA48	24VI1	24VltoRearVec
0RB5	Lugaageslockunlockrelav	12Wup1	12WUpFront	24VI2	Multifunctionswitchpower

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24VI3	UpperWip.MotorPwr	41	24VCondensior	67A	Condensior1stSpdSig
24VI4	SunVisorsPwr	41A	CondensiorPwr	68	DashDamper
24VI5	24VlofMuxmodules	42A	12VCondensior	68A	DashDamper
24VI6	PwrtoDefrostUnit	45	Pre-HeatSigRly	69	ElectricalHorn
24VI7	LowerWiperPower	45A	PassengerHeatSig	71A	DockingLtsLH
24VI8	24VltoMux	46	FrontFlasherRh	72A	DockingLtsRH
24VI9	24VlofA54	46A	FrontMarkers	72B	SunVisorRHSig
24VI9A	24VlofA54	47	DoorOpenSignal	72C	SunVisorSignal
24VI9B	24VlofA54	47A	EntranceDoorSwitch	72D	SunVisorRHSig
24VI10	Engine-RetarderRelay	49A	DoorinsideSwCloseSig	72R	GndMarkersandStopLts
24VI12	RJBLightPwr	50	WitnessGndSig	74D	SunVisorSignal
24VI13		52	Sw102	76	FuelLevelSig
24VIA	Cut-outPneumaticAcc	53	LowerWip.Spd1Sig	76C	FuelLowLevelSig
24VICust	24VICustomer	53A	ElectricalHorn	76P	PrimePumpSig
24VIF	24VltoFrontVEC	53B	LowerWip.Spd2Sig	77	TransducerHi-Side
24WL	Slideout24Vpower	53C	LowerWip.IntSig	77B	PassandPRackLiquidValve
24WUp1	24VWUptoA47	53D	LowerWip.WasherSwSig	77BA	A/Cclutch
24Wup1	24WUpFront	53E	LowerWiper1stSpd	77C	PassandPRackLiquidValve
25	EngineRunSignal	53F	LowerWasherPump	77K	CoilThermostatSignal
25A1	ExcitationSignal	53G	LowerWip1stSpd	78	ServiceBrakeSignal
25A2	Alternator2Signal	53H	LowerWiper	79	DecelSignal
25E	ExcitationSignal	53K	KeylessModuleOutput	79A	StopLightSensorSig
26	DriverWdoPwr	54	TestSwitch	79B	
26A	DriverWdo	56	Sw103	81	HeadLtCallSw1
26B	DriverWdo	57A	AuxiliaryWaterPump	82A	CyclopeLamp
28	AudibleRlySig	57L	Hi-Beam	82Low	
31	UnloaderRH	57R	HighBeamRH	82Up	StopRearUpperLamps
31B	LowerWip1stSpd	57Rtn	SignalRtnHeadLtsLH	83	24vAccessories
31EE	UpperWipSpd.1	58L	LowBeam	84	StartSigSw83
32		58R	LowBeamRH	84A	Start_Sig_Sw83
32A	BackupLtandalarm	58Rtn		84B	StartSigSw83
32D	TrailerBackupLights	59	Hi/LowBeamSignal	85	24VIgnition
32EE	UpperWiperMotor	60	FogsLtsSwSig	85A	Ign-AccSignal
33	UnloaderLH	61	HeadLtsSig	85B	Ign-AccSignal
35	EntranceDoorLights	63	ClearanceLts	85C	PositionNormalSw58
35A	EntranceCeilingLight	63A	FrontClearanceLts	85D	RearStartPwr
35RTN	EntranceCeilingLtGnd	64A	Blinker	85E	RearStartSignal
36	EngineBrake	65	FootDamper	85F	EgnineStartPwrSw58
39	DriverLtSwSig	65A	FootDamper	85G	Ign-AccSignal
39B	KeylessModuleOutput	65D	DriverCylinder	85H	Ign-AccSignal
39D	DriverLt	65P	AuxiliaruLiqSolValve	85Y	ABSTTLT
39Rtn		66	MarkersSigSw2	85Z	AbsTrailerWarningSignal
40	WitnessGnd	67	EvaporatorPwr	86	DefrostunitSod

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CircuitID	Description	CircuitID	Description	CircuitID	Description
86A	PassengerDefrosterControl	116A	DriverLiq	144	ABSSensor
86Rtn	GndDefrostUnit	119		144A	ABSSensor
87	ESP	120	Transmission	145	ABSSolenoid
88	CompressorPressureSignal	123	FireAlarm	146	ABSSolenoid
89	DriverSensorSig	123A	WakeUpSignal	146A	
90F	Regulatorbatt	124A	ShifterSignal	147	EtherSignal
90H	24VltoEvap	125		147A	EtherSolenoid
90H1	Evaporator	126F	LevelLowSignal	148	ABSSolenoid
91	ParkBrakeSig	127	Transmission	149	ABSSensor
91B	WitnessSigSw14	131	Evaporator2ndSpd	149A	ABSSensor
92	TrailerParkBrakeSig	132	DifferentialLockSignal	150	Transmission
93	PassengerDefrostSwitchUp	132A	LevelLowSo29	151	GndtoEcm
94	PassengerDefrostSwitchDown	132B	LevelLowSo30	151A	GndtoEcm
95	DockingLTSwSig	132C	LevelLowSo31	151B	GndtoEcm
96	CorneringLTSwSig	132D	LevelLowSo32	151C	GndtoEcm
97	LowDockingLightsSwitchSignal	132E	LevelLowPower	151D	GndtoEcm
98	BackupCancelSwitch	132F	LevelLowPower	152	Transmission
00A1	GndElectronic	133	Transmission	154	Transmission
0B1	GndEnginePreheater	135	Transmission	155	TransmissionInhibitSig
00B1	GndEng.Start	135A	Transmission	156A	12VltoABS
0V1	LuggageDoorOpenSig	136	Transmission	157B	Engine-RetarderRelay
0V2	LuggageDoorOpenSig	136A		157D	ATCTTLT
0V3	LuggageDoorOpenSig	136AA	ShifterSignal	159	Transmission
0V4	EvaporatorLightSwitch	137		160	TagSignal
0V4A	Condensorlightswitch	137A	MirrorPwrSig	163	RetarderSig
0V5	LuggageDoorOpenSig	137B	Mirrors	164	HandLevelSig
0Y2	GndChassisABSSol	137C	Mirrors	166	WitnessSigSw16
0Y3	GndChassisABSSol	137D	Mirrors	170A	LuggagesLocks
101	PwrtoStarter	137E	Mirrors	170B	LuggagesLocks
102	Alternator	137F	Mirrors	170D	Luggageslockrelay
102A	Alternator	137H	Mirrors	170E	Luggagesdoorslockrelays
104	LevelLowSo28	137J	Mirrors	170F	LuggagesLocks
105	FogLtsLH	137K	Mirrors	170G	LuggagesLocks
106	FogLtsRH	137L	Mirrors	170K	LuggagesLocksSwitchesSignal
107	Regulatorfield	137M	Mirrors	170L	LuggagesLocksSwitchesSignal
111	Transmission	138	ABSSensor	170M	LuggagesLocksSwitchesSignal
114	BacklightPwr	138A	ABSSensor	170N	LuggagesLocksSwitchesSignal
114A	Backlight	139	ABSSolenoid	170P	LuggagesLocksSwitchesSignal
114AA	ClusterKeyPadBacklight	140	ABSSolenoid	170R	LuggagesLocksSwitchesSignal
115	CoolantLevelSignal	141	ABSSolenoid	170S	LuggagesLocksSwitchesSignal
115A	WitnessPwr	142	ABSSolenoid	170T	LuggagesLocksSwitchesSignal
115W		143	ABSSensor	170V	LuggagesLocksSwitchesSignal
116	DriverLia	143A	ABSSensor	170W	LuggagesLockPower

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CircuitID	Description	CircuitID	Description	CircuitID	Description
170Y	LuggagesLocks	285	LuggagesLockRelays	564B	OutZFDecelSig
170Z	LuggagesLocks	285B	KeylessModuleOutput	583	EngineBrake
171	LuggageUnlockSwSig	285C	KeylessModuleOutput	600	ABSSensor
174	Transmission	286	EntranceDoorLock	600A	ABSSensor
175	BackUpCamera	286A	EntranceDoorLock	601	ABSSensor
175B	BackupCamSignal	286B	FrontDoorLock	601A	ABSSensor
175C	BackupCamDoor	287	KeylessModuleOutput	602	ABSSteering&Yawsensor
175D	12VIBackupcamera	290	GndFanClutch	603	ABSSteering&Yawsensor
175E	BackUpMonitor	291	FanClutch	604	ABSSteering&Yawsensor
176	Transmission	292	FanClutch	605	ABSSteering&Yawsensor
177	Transmission	293	FanClutchSwSig	606	ABSPressuresensor
180	Transmission	294	KeylessModuleOutput	607	ABSPressuresensor
181	OutsideSensorSig	295	KeylessModuleOutput	608	ABSPressuresensor
181C	OutsideTemperatureSensor	296	RJBDDoorFan	609	ABSPressuresensor
181D	Outsidetempssensor	352	OverrideSignal	610	ABSPressuresensor
197	FuelFilterSig	417	ThrottlePositionSignal	611	AbsTagSolenoid
201		439	12VIttoCPC	612	AbsTagSolenoid
202		500	Ground/Supply_Detroit/Volvo	613	AbsTagSolenoid
229	Auxiliarydefrost	501	Control_Ground_Relay	614	ABSSteeringSolenoid
229A	Auxiliarydefrost	502	IVSOut	615	ABStrailersolenoid
231		503	DPF_Malfunction	616	ABStrailersolenoid
231A	StarterRelay	504	CrankSignal	617	ABStrailersolenoid
231B	Starter_Relay	505	DPFSensor	900	J1587
240	PowertoEcm	506	DPFSensor	901	J1587
240A	PowertoEcm	507	DPFSensor	911	EmergencyCutoutRlySignal
240B	PowertoEcm	508	DPFSensor	916	5VSensorPwr
241	PowertoEcm	510	FastIdleSignal	952	GndSensorRtn
241A	PowertoEcm	511	DPFSensor	953	Electronic_ground_DDEC_VI
241B	PowertoEcm	512	DPFSensor	979	EngineBrake
260	WindowAjarSignal	513	DPFSensor	979A	EngineBrake
264	AuxiliaryFanSpeedControl	514	DPFSensor	BLACK	TrailerBackupLights
264Rtn	AuxiliaryFanSpeedControl	515	GroundPreheaterRelay	BLUE	TrailerconnectorABSPower
272	KeylessModuleInput	516	EngineBrakeLowSig	Bref1	PassengerSensor
274	KeylessModuleInput	517	EngineBrakeHiSig	BROWN	TrailerMarkerlights
276	KeylessModuleInput	524B	IdleValidationSig	CAN2-H	EngineCan2
277	KeylessModuleKeypadLt	524C	IdleValidationSig	CAN2-L	EngineCan2
278	KeylessModuleInput	528	OverrideSignal	CanH	CanHSignal
280	KeylessModuleInput	541	CruiseSetSig	CanH1	Sparefrttorr
283	EntranceDoorHingeSignal	544	CruiseOn_OffSignal	CanL	CanLSignal
283A	KeylessModuleInput	544A	CruiseOn-OffLed	CanL1	Sparefrttorr
283C	EntranceDoorHingeSignal	545	CruiseResumeSig	CC1	Converterinput1
284A	LuggagesUnlockRelays	555	FanClutchSignal	CC2	ConverterInput2
284B	KeylessModuleOutput	563	FanClutchSignal	CC3	ConverterInput3

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CircuitID	Description	CircuitID	Description	CircuitID	Description
CC4	ConverterInput4	N11	A46Adress	So18	
CC5	Converterinput5	N12	A46Adress	So19	SldOutMotor1Sig
CC12	Converteroutput1	N13	A47Adress	So20	SldOutMotor1Sig
CC13	ConverterOutput3	N14	A47Adress	So21	SldOutMotorSig
CC14	ConverterOutput2	N15	A48Adress	So28	PowerSlideOut
CC15	Converteroutput4	N16	A48Adress	So31	
CC16	Converteroutput5	N17	A49Adress	So32	SldOut1SignalOut
CC17	ConverterOutput6	N18	A49Adress	So33	SldOut2SignalIn
Cd	ComputerSignals	N19	A50Adress	So36	SldOut2LimitIn
Cd1	ComputerSignals	N20	A50Adress	So37	SldOut2LimitOut
Cts	ComputerSignals	N21	A51Adress	So38	PowerSldOut2Sensor
D1	UpperWiperMotor	N22	A51Adress	So39	SldOut2StatusLed
DBusH	DBusSignal	N23	A52Adress	So40	SldOut2RelaySig
DbusH	DBusSignal	N24	A52Adress	So41	SldOut2RelaySig
DBusL	DBusSignal	N25	A53Adress	So42	SldOut2SealDeflatSig
DbusL	DBusSignal	N26	A53Adress	So46	SldOutMotor2sig
Engine_Can+	EngineCan	N27	A54Adress	So47	SldOutMotor2sig
Engine_Can-	EngineCan	N28	A54Adress	So48	SldOut2MotorSig
GndA	ComputerSignals	N29	A36Adress	So55	SecurityPinSol
GREEN	TrailerFlasherRH	N31	A58Adress	So58	SldOutMotor1Sig
IPJ1	Cluster	N32	A58Adress	So59	SldOutMotor2sig
IPJ2	Cluster	OFC1	Driverseat	So61	SldOut2SealInflat
IPJ5	Cluster	ORB5	GndLuggagesLock	So62	SldOut1SignalOut
IPJ6	Cluster	RED	TrailerStopLights	So63	SldOut2SignalIn
IPJ7	Cluster	Ref1	GndPassengerSensor	So64	SldOut3LimitIn
IPJ8	Cluster	Rts	ComputerSignals	So65	SldOut3LimitOut
J1939H		RxD	ComputerSignals	So66	PowerSldOut2Sensor
J1939L		So1	Gnd	So67	SldOut2StatusLed
LX5	ClusterKeyPad	So2	SldOutRemoteSig	So68	SldOut2RelaySig
LX6	ClusterKeyPad	So3	SldOutInSig	So69	SldOut2RelaySig
LX7	ClusterKeyPad	So4	SignalOut	So70	SldOut2SealInflat
LX16	ClusterKeyPad	So5	ParkBrakeSig	So71	SldOut2SealDeflatSig
LX21	ClusterKeyPad	So6	SldOut1LimitIn	So72	SldOut2MotorSig
N1	A41Adress	So7	SldOut1LimitOut	So73	SldOutMotor2sig
N2	A56Adress	SO8	PowerSldOut1 Sensor	So74	SldOutMotor2sig
N3	A56Adress	So8	PowerSldOut1 Sensor	So76	GndSlideOutRearR
N4	A57Adress	So9	SldOut1StatusLed	SP	ConverterVehicleSpeed
N5	A57Adress	So10	SldOut1RelaySig	spare2	SparesFr-to-RearHarness
N6	A43Adress	So11	SldOut2RelaySig	spare3	SparesFr-to-RearHarness
N7	A44Adress	So12	SealInflating	spare4	SparesEvap.Harness
N8	A44Adress	So13	SldOut1 SealDeflatSig	spare5	SparesEvap.Harness
N9	A45Adress	So14	SldOut1VacumGen	spare6	SparesEvap.Harness
N10	A45Adress	So16	SensorGndRtn	spare7	SparesEvap.Harness

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CircuitID	Description	CircuitID	Description		
spare8	SparesEvap.Harness	spare61	SparesEnginesAccessories		
spare9	SparesEvap.Harness	spare62	spareABSHarness		
spare17	SparesFr-to-RearHarness	spare63	spareABSHarness		
spare18	SparesFr-to-RearHarness	spare64			
spare19	SparesFr-to-RearHarness	Spare65			
spare20	SparesClearanceLts	spare94	SparesRearClearanceHarness		
spare21	SparesClearanceLts	spare95	SparesRearClearanceHarness		
spare22	SparesClearanceLts	TxD	ComputerSignals		
spare23	SparesClearanceLts	WHITE	TrailerConnectorGnd		
spare24	SparesClearanceLts	YELLOW	TrailerFlasherLH		
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				
spare45	SparesFr-to-RearHarness				
spare46	SparesFr-to-RearHarness				
spare49	SparesEngineCradle				
spare50	SparesEngineCradle				
spare51	SparesEngineCradle				
spare52	SparesEngineCradle				
spare53	SparesEngineCradle				
spare54	SparesEngineCradle				
spare55	SparesEnginesAccessories				
spare57	SparesEnginesAccessories				
spare58	SparesEnginesAccessories				
spare59	SparesEnginesAccessories				
spare60	SparesEnginesAccessories				