

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
0	BatteriesGND	0RB7	GndAwningWindow	12Wup1	12WUpFront
2	CondensorDoorOpenSig	0RB8	GndTrailerConnector	12Wup2	12WUptoDash
2B	CondSndSpdSig	0RC1	GndS/ACWaterpump	12Wup3	24WupLuggageslock
6	DriverLightSwitch	0RC2	GndDriverCylinder	12Wup5	PwrtoModuleA51
7	GndDriverSensor	0RC3		13	GndTransducer
9	EngCmpt.LtsSwitch	0RC4	GndKeylessKeypad	15	UpperWipInt.Signal
9A	EngineDoorOpenSig	0SA1	GndAlternator	15A	UpperWip.1StSpdSig
9B	EngineCmpt.Lt	0SA2	GndAlternator	16	SpeedSignal
9BRtn	GndEngineCmpt.Lts	0ST	GndSteeringMultifuntion	16A	UpperWasherPump
0A	Evap.Gnd	0VE	EqualizerGnd	17	UpperWasherSwSignal
00A	GndElectronic	0Y		18	Wip.WasherLevel
0B	GndEngineCompt	10	LuggageCmpt.LtsPwr	18A	
00B	ElectronicGndofMuxModules	10A	LuggageCmpt.LtsPwr	20	AirDryer
0C	GndStarter062214	10R	LuggageDoorOpenSig	21	FlasherLHSig
0CE	GND48A47	12		21A	FrontFlasher
00D	RJBArSignal	12A	12VDtoR3	21AA	FlashersRearLH
0DG	GndAlternator	12B	12VDTOCB2	21B	CorneringLtsLH
0EV1	GndCondensor	12CPC	CPCSupply	21BR	GndFoglights
0EV2	GndHvac	12Ecu	12v_Engine_Ecu	22	HazardSwSig
0F	FJBDdoorOpenSig	12F	12VDto12PostRJB	23	FlasherRHSig
0FA1	GndofAccessoires	12K	KeylessModule	23A	FrontFlasherRH
0FA2	GndAuxLiqSolenoidValve	12VA	12vEqualizer	23AA	FrontFlasherRHSide
0FA4	gnd	12VD1	12VDFrontWake-up	23B	CorneringLtsRH
0FB1	GNDBackupcamera	12VD2	KeylessBatteryPower	23BR	GndFogandCorneringLtsRH
0FB2	GndDriverWdo	12VD3	12vRearwake-up	24	Battery24VMainPower
0FB5	GNDMuxpower	12VD4	12v_Engine_Ecu	24A	BoosterBlock
0FC1	GndHorns	12VDCust	12VDCustomer	24AW	AwiningWindowsPower
0FC4	ElectricalHorn	12VDF	12VDtoFrontVec	24C0	Resistor_Pwr_Excitation
0FD1	GNDCustomer	12VDF3	ProDriverBatteryPower	24CO	PwrtoExcitationResistor
0G	GndofA54	12VI	12VItoCB10	24D	24DtoCB6
0H	GroundCoolantSensor	12VI1	12VIofA44	24E	24VItoCB1
0L	KeylessModuleKeypadGnd	12VI2	MirrorPwr	24VA	24vEquilizer
0PR1	GndUpperWiperMotor	12VI3	PwrOutletDrawer	24VB	24VEnginePreheater
0PR2	GndFrontClearanceLts	12VI4	PwrOutletandCigarLighter	24VB1	24VEnginePreheater
0R	GndPrimePump	12VI5	12VItoVECR	24VB2	24VEnginePreheater
0RA2		12VI6	PwrtoModuleA50	24VD	24VD
0RA3	GndR1-R3	12VI7	TrailerABSPower	24VD1	24VD
0RB1	GndCameraDoorSolenoid	12VI9		24VD2	24VDtoRearVec
0RB2	GndBackUpCamera	12VICust	12VICustomer	24VD3	24VDofCECM
0RB3	GndRearLighting	12VIF	12VItoFrontVec	24VD4	24VDFrontWake-up
0RB4	GndLuggagesLock	12VIF19	12VDdash	24VD5	PowerModuleA41
0RB5	Luggageslockunlockrelay	12VIZF	ZFsteeringControl	24VD6	24VD
0RB6	GndCustomer	12WUp1	12VWUptoA48	24VD7	PassandPRackPwr

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24VDCust	24VDCustomer	39D	DriverLt	66	MarkersSigSw2
24VI	24VI	39Rtn		67	EvaporatorPwr
24VI1	24VItoRearVec	40	WitnessGnd	67A	Condensor1stSpdSig
24VI2	Multifunctionswitchpower	41	24VCondensor	68	DashDamper
24VI3	UpperWip.MotorPwr	41A	CondensorPwr	68A	DashDamper
24VI4	SunVisorsPwr	42A	12VCondensor	69	ElectricalHorn
24VI5	24VlofMuxmodules	45	Pre-HeatSigRly	69A	HornPneumatic
24VI6	PwrtoDefrostUnit	46	FrontFlasherRh	71A	DockingLtsLH
24VI7	LowerWiperPower	46A	FrontMarkers	72A	DockingLtsRH
24VI8	24VItoMux	47	DoorOpenSignal	72B	SunVisorRHSig
24VI9	24VlofA54	47A	EntranceDoorSwitch	72C	SunVisorLHSig
24VI9A	24VlofA54	49A	DoorInsideSwCloseSig	72D	SunVisorRHSig
24VI9B	24VlofA54	50	WitnessGndSig	72R	GndMarkersandStopLts
24VI12	RJBLightPwr	52	Sw102	74D	SunVisorLHSig
24VI13		53	LowerWip.Spd1Sig	76	FuelLevelSig
24VIA	Cut-outPneumaticAcc	53A	ElectricalHorn	76C	FuelLowLevelSig
24VICust	24VICustomer	53B	Air_Horn	76P	PrimePumpSig
24VIF	24VItoFrontVEC	53C	LowerWip.IntSig	77	TransducerHi-Side
24WL	Slideout24Vpower	53D	LowerWip.WasherSwSig	77B	PassandPRackLiquidValve
24WUp1	24VWUptoA47	53E	LowerWiper1stSpd	77BA	A/Cclutch
24Wup1	24WUpFront	53F	LowerWasherPump	77C	PassandPRackLiquidValve
25	EngineRunSignal	53G	LowerWip1stSpd	77K	CoilThermostatSignal
25A1	ExcitationSignal	53H	LowerWiper	78	ServiceBrakeSignal
25A2	Alternator2Signal	53K	KeylessModuleOutput	79	TranducerLow-Side
25E	75ADelcoAlt.signal	54	TestSwitch	79A	StopLightSensorSig
26	DriverWdoPwr	56	Sw103	79B	
26A	DriverWdo	57A	AuxiliaryWaterPump	80	BrakeRedundant
26B	DriverWdo	57L	Hi-Beam	81	HeadLtCallSw1
28	AudibleRlySig	57R	HighBeamRH	82A	CyclopeLamp
31	UnloaderRH	57Rtn	SignalRtnHeadLtsLH	82Low	
31B	LowerWip1stSpd	58L	LowBeam	82Up	StopRearUpperLamps
31EE	UpperWipSpd.1	58R	LowBeamRH	83	24vAccessories
32		58Rtn		84	StartSigSw83
32A	BackupLtandalarm	59	Hi/LowBeamSignal	84A	Start_Sig_Sw83
32D	BackupLtandalarm	60	FogsLtsSwSig	84B	StartSigSw83
32EE	UpperWiperMotor	61	HeadLtsSig	85	24VIgnition
33	UnloaderLH	63	ClearanceLts	85A	Ign-AccSignal
35	EntranceDoorLights	63A	FrontClearanceLts	85B	Ign-AccSignal
35A	EntranceCeilingLight	64A	Blinker	85C	PositionNormalSw58
35RTN	EntranceCeilingLtGnd	65	FootDamper	85D	RearStartPwr
36		65A	FootDamper	85E	RearStartSignal
39	DriverLtSwSig	65D	DriverCylinder	85F	24VIgnition
39B	KeylessModuleOutput	65P	AuxiliaruLiaSolValve	85G	EngineStartPwrSw58

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CircuitID	Description	CircuitID	Description	CircuitID	Description
85H	Ign-AccSignal	115A	WitnessPwr	138	ABSSensor
85Y	ABSTTLT	115W		138A	ABSSensor
85Z	AbsTrailerWarningSignal	116	DriverLiq	139	ABSSolenoid
86	DefrostunitSpd	116A	DriverLiq	140	ABSSolenoid
86A	PassengerDefrosterControl	119		141	ABSSolenoid
86Rtn	GndDefrostUnit	120	Transmission	142	ABSSolenoid
87	ESP	121	SteeringOutSignal	143	ABSSensor
88	CompressorPressureSignal	122	SteeringOutSignal	143A	ABSSensor
89	DriverSensorSig	123	FireAlarm	144	ABSSensor
90H	24VtoEvap	123A	WakeUpSignal	144A	ABSSensor
90H1	Evaporator	124A	ShifterSignal	145	ABSSolenoid
91	ParkBrakeSig	125		146	ABSSolenoid
91B	WitnessSigSw14	126F	LevelLowSignal	146A	
92	TrailerParkBrakeSig	127	Transmission	147	EtherSignal
93	PassengerDefrostSwitchUp	128	SteeringMultifunctionPwr	147A	EtherSolenoid
94	PassengerDefrostSwitchDown	129		148	ABSSolenoid
95	DockingLTswSig	130		149	ABSSensor
96	CorneringLTswSig	131	Evaporator2ndSpd	149A	ABSSensor
97	LowDockingLightsSwitchSignal	132	DifferentialLockSignal	150	Transmission
97A	SpecialOption	132A	LevelLowSo29	151	GndtoEcm
98		132B	LevelLowSo30	151A	GndtoEcm
00A1	GndElectronic	132C	LevelLowSo31	151B	GndtoEcm
0B1	GndEnginePreheater	132D	LevelLowSo32	151C	GndtoEcm
00B1	GndEng.Start	132E	LevelLowPower	151D	GndtoEcm
0V1	LuggageDoorOpenSig	132F	LevelLowPower	152	Transmission
0V2	LuggageDoorOpenSig	133	Transmission	154	Transmission
0V3	LuggageDoorOpenSig	135	Transmission	155	TransmissionInhibitSig
0V4	EvaporatorLightSwitch	135A	Transmission	156A	12VtoABS
0V4A	Condensorlightswitch	136	Transmission	157D	ATCTTLT
0V5	LuggageDoorOpenSig	136A		159	Transmission
0Y2	GndChassisABSSol	136AA	ShifterSignal	160	TagSignal
0Y3	GndChassisABSSol	137		163	RetarderSig
101	PwrtoStarter	137A	MirrorPwrSig	163A	EngBrakeRetSignal
102	Alternator	137B	Mirrors	163B	RetarderEnSig
102A	Alternator	137C	Mirrors	164	HandLevelSig
104	LevelLowSo28	137D	Mirrors	166	WitnessSigSw16
105	FogLtsLH	137E	Mirrors	170A	LuggagesLocks
106	FogLtsRH	137F	Mirrors	170B	LuggagesLocks
111	Transmission	137H	Mirrors	170D	Luggageslockrelay
114	BacklightPwr	137J	Mirrors	170E	Luggagesdoorslockrelays
114A	Backlight	137K	Mirrors	170F	LuggagesLocks
114AA	ClusterKeyPadBacklight	137L	Mirrors	170G	LuggagesLocks
115	CoolantLevelSignal	137M	Mirrors	170K	LuqaqaesLocksSwitchesSignal

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CircuitID	Description	CircuitID	Description	CircuitID	Description
170L	LuggagesLocksSwitchesSignal	264	AuxiliaryFanSpeedControl	514	DPFSensor
170M	LuggagesLocksSwitchesSignal	264Rtn	AuxiliaryFanSpeedControl	515	GroundPreheaterRelay
170N	LuggagesLocksSwitchesSignal	272	KeylessModuleInput	524B	IdleValidationSig
170P	LuggagesLocksSwitchesSignal	274	KeylessModuleInput	524C	IdleValidationSig
170R	LuggagesLocksSwitchesSignal	276	KeylessModuleInput	528	OverrideSignal
170S	LuggagesLocksSwitchesSignal	277	KeylessModuleKeypadLt	541	CruiseSetSig
170T	LuggagesLocksSwitchesSignal	278	KeylessModuleInput	544	CruiseOn_OffSignal
170V	LuggagesLocksSwitchesSignal	280	KeylessModuleInput	544A	CruiseOn-OffLed
170W	LuggagesLockPower	283	EntranceDoorHingeSignal	545	CruiseResumeSig
170Y	LuggagesLocks	283A	KeylessModuleInput	555	FanClutchSignal
170Z	LuggagesLocks	283C	EntranceDoorHingeSignal	563	FanClutchSignal
171	LuggageUnlockSwSig	284A	LuggagesUnlockRelays	564B	OutZFDecelSig
174	Transmission	284B	KeylessModuleOutput	583	EngineBrake
175	BackUpCamera	285	LuggagesLockRelays	600	ABSSensor
175B	BackupCamSignal	285B	KeylessModuleOutput	600A	ABSSensor
175C	BackupCamDoor	285C	KeylessModuleOutput	601	ABSSensor
175D	12VIBackupcamera	286	EntranceDoorLock	601A	ABSSensor
175E	BackUpMonitor	286A	EntranceDoorLock	602	ABSSteering&Yawsensor
176	Transmission	286B	FrontDoorLock	603	ABSSteering&Yawsensor
177	Transmission	287	KeylessModuleOutput	604	ABSSteering&Yawsensor
180	Transmission	290	GndFanClutch	605	ABSSteering&Yawsensor
181	OutsideSensorSig	291	FanClutch	606	ABSPressuresensor
181C	OutsideTemperatureSensor	292	FanClutch	607	ABSPressuresensor
181D	Outsidetempssensor	294	KeylessModuleOutput	608	ABSPressuresensor
182	SunVisor	295	KeylessModuleOutput	609	ABSPressuresensor
183	SunVisor	296	RJBDDoorFan	610	ABSPressuresensor
184	CustomerC	297	TransShiftDown	611	AbsTagSolenoid
190	TransPresetSpd	298	TransShiftUp	612	AbsTagSolenoid
197	FuelFilterSig	352	OverrideSignal	613	AbsTagSolenoid
201	Upperwiper&HeadlampsWasher	417	ThrottlePositionSignal	614	ABSSteeringSolenoid
202		439	12VltoCPC	614A	ABSSteeringSolenoid
229	Auxiliarydefrost	500	DDECGND	615	ABStrailersolenoid
229A	Auxiliarydefrost	501	Control_Ground_Relay	616	ABStrailersolenoid
231		502	IVSOut	617	ABStrailersolenoid
231A	CrankSignal	503	DPF_Malfunction	900	J1587
231B	Starter_Relay	505	DPFSensor	901	J1587
240	PowertoEcm	506	DPFSensor	911	EmergencyCutoutRlySignal
240A	PowertoEcm	507	DPFSensor	916	5VSensorPwr
240B	PowertoEcm	508	DPFSensor	952	GndSensorRtn
241	PowertoEcm	510	FastIdleSignal	953	Electronic_ground_DDEC_VI
241A	PowertoEcm	511	DPFSensor	979	EngineBrakeA
241B	PowertoEcm	512	DPFSensor	979A	EngineBrake
260		513	DPFSensor	BLACK	TrailerBackupLights

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CircuitID	Description	CircuitID	Description	CircuitID	Description
BikFR		LX5	ClusterKeyPad	ORB7	
BikRL		LX6	ClusterKeyPad	RED	TrailerStopLights
BikRR		LX7	ClusterKeyPad	RedFR	
BLUE	TrailerconnectorABSPower	LX16	ClusterKeyPad	RedRL	
Bref1	PassengerSensor	LX21	ClusterKeyPad	RedRR	
BROWN	TrailerMarkerlights	N1	A41Address	Ref1	GndPassengerSensor
CAN2-H	EngineCan2	N2	A56Address	Rts	ComputerSignals
CAN2-L	EngineCan2	N3	A56Address	RX	
CanH		N4	A57Address	RxD	ComputerSignals
CanH1	Sparefrttorr	N5	A57Address	S076A	
CanL	CanLSignal	N6	A43Address	So1	PowerSlideOut
CanL1	Sparefrttorr	N7	A44Address	So2	SldOutRemoteSig
CC1	Converterinput1	N8	A44Address	So3	SldOutInSig
CC2	ConverterInput2	N9	A45Address	So4	SignalOut
CC3	ConverterInput3	N10	A45Address	So5	
CC4	ConverterInput4	N11	A46Address	So6	SldOut1LimitIn
CC5	Converterinput5	N12	A46Address	So7	SldOut1LimitOut
CC12	Converteroutput1	N13	A47Address	SO8	PowerSldOut1Sensor
CC13	ConverterOutput3	N14	A47Address	So8	PowerSldOut1Sensor
CC14	ConverterOutput2	N15	A48Address	So9	SldOut1StatusLed
CC15	Converteroutput4	N16	A48Address	So10	SldOut1RelaySig
CC16	Converteroutput5	N17	A49Address	So11	SldOut2RelaySig
CC17	ConverterOutput6	N18	A49Address	So12	SealInflating
Cd	ComputerSignals	N19	A50Address	So13	SldOut1SealDeflatSig
Cd1	ComputerSignals	N20	A50Address	So14	SldOut1VacumGen
Cts	ComputerSignals	N21	A51Address	So16	SensorGndRtn
D1	UpperWiperMotor	N22	A51Address	So18	
DBusH		N23	A52Address	So18AA	Gnd
DbusH	DBusSignal	N24	A52Address	So19	SldOutMotor1Sig
DBusL		N25	A53Address	So20	SldOutMotor1Sig
DbusL	DBusSignal	N26	A53Address	So21	SldOutMotorSig
Engine_Can+	EngineCan	N27	A54Address	So28	PowerSlideOut
Engine_Can-	EngineCan	N28	A54Address	So31	
GndA	ComputerSignals	N29	A36Address	So31A	GndSlideOut
GREEN	TrailerFlasherRH	N31	A58Address	So31AA	Gnd
IPJ1	Cluster	N32	A58Address	So32	SldOut1SignalOut
IPJ2	Cluster	N33	A55Address	So33	SldOut2SignalIn
IPJ5	Cluster	N34	A55Address	So36	SldOut2LimitIn
IPJ6	Cluster	N35		So37	SldOut2LimitOut
IPJ7	Cluster	OFB3		So38	PowerSldOut2Sensor
IPJ8	Cluster	OFB5		So39	SldOut2StatusLed
J1939H		OFC1	Driverseat	So40	SldOut2RelaySig
J1939L		ORB5	GndLuggageLock	So41	SldOut2RelaySig

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CircuitID	Description	CircuitID	Description	CircuitID	Description
So42	SldOut2SealDeflatSig	spare4	SparesEvap.Harness	spare57	SparesEnginesAccessories
So46	SldOutMotor2sig	spare5	SparesEvap.Harness	spare58	SparesEnginesAccessories
So47	SldOutMotor2sig	spare6	SparesEvap.Harness	spare59	SparesEnginesAccessories
So48	SldOut2MotorSig	spare7	SparesEvap.Harness	spare60	SparesEnginesAccessories
So55	SecurityPinSol	spare8	SparesEvap.Harness	spare61	SparesEnginesAccessories
So58	SldOutMotor1Sig	spare9	SparesEvap.Harness	spare62	spareABSHarness
So59	SldOutMotor2sig	spare17	SparesFr-to-RearHarness	spare63	spareABSHarness
So61	SldOut2SealInflat	spare18	SparesFr-to-RearHarness	spare64	
So62	SldOut1SignalOut	spare19	SparesFr-to-RearHarness	Spare65	
So63	SldOut2SignalIn	spare20	SparesClearanceLts	spare94	SparesRearClearanceHarness
So64	SldOut3LimitIn	spare21	SparesClearanceLts	spare95	SparesRearClearanceHarness
So65	SldOut3LimitOut	spare22	SparesClearanceLts	TX	
So66	PowerSldOut2Sensor	spare23	SparesClearanceLts	TxD	ComputerSignals
So67	SldOut2StatusLed	spare24	SparesClearanceLts	WHITE	TrailerConnectorGnd
So68	SldOut2RelaySig	spare25	SparesClearanceLts	WhtFR	
So69	SldOut2RelaySig	spare26	SparesFrontHarness	WhtRL	
So70	SldOut2SealInflat	spare27	SparesFrontHarness	WhtRR	
So71	SldOut2SealDeflatSig	spare28	SparesFrontHarness	YELLOW	TrailerFlasherLH
So72	SldOut2MotorSig	spare29	SparesFrontHarness		
So73	SldOutMotor2sig	spare30	SparesFrontHarness		
So74	SldOutMotor2sig	spare31	SparesFrontHarness		
So76		spare32	SparesFrontHarness		
So76AA	Gnd	spare33	SparesFrontHarness		
So82	SldOut1SignalOut	spare34	SparesFrontHarness		
So83	SldOut2SignalIn	spare35	SparesFrontHarness		
So84	SldOut3LimitIn	spare36	SparesFrontHarness		
So85	SldOut3LimitOut	spare37	SparesFrontHarness		
So86	PowerSldOut2Sensor	spare38	SparesFrontHarness		
So87	SldOut2StatusLed	spare39	SparesDash		
So88	SldOut2RelaySig	spare40	SparesDash		
So89	SldOut2RelaySig	spare41	SparesDash		
So90	SldOut2SealInflat	spare42	SparesDash		
So91	SldOut2SealDeflatSig	spare43	SparesDash		
So92	SldOut2MotorSig	spare44	SparesDash		
So93	SldOutMotor2sig	spare45	SparesFr-to-RearHarness		
So94	SldOutMotor2sig	spare46	SparesFr-to-RearHarness		
So95	SldOutMotor2sig	spare49	SparesEngineCradle		
So96		spare50	SparesEngineCradle		
So96A		spare51	SparesEngineCradle		
So96AA	Gnd	spare52	SparesEngineCradle		
SP	ConverterVehicleSpeed	spare53	SparesEngineCradle		
spare2	SparesFr-to-RearHarness	spare54	SparesEngineCradle		
spare3	SparesFr-to-RearHarness	spare55	SparesEnginesAccessories		