

CIRCUITS LIST

| CircuitID | Description | CircuitID | Description | CircuitID | Description |
|-----------|-----------------------|-----------|-------------------|-----------|----------------|
| 0 | WCLRemoteCtrl | 9A | EngineDoorOpenSig | 00A | GndKneeling |
| 2 | DoorUnlockSig | 9A | EngineDoorOpenSig | 00A | GndSw1 |
| 2B | CondensorLow | 9A | EngineDoorOpenSig | 00A | ElectronicGnd |
| 2B | CondensorLow | 9B | EngineCmpt.Lt | 00A | GndSw4 |
| 2B | CondensorLow | 9B | EngineCmpt.Lt | 00A | GndSw2 |
| 2B | CondensorLow | 9B | EngineCmpt.Lt | 00A | GndSw24 |
| 2B | CondensorLow | 9B | EngineCmpt.Lt | 00A | GndCluster |
| 2B | CondensorLow | 9B | EngineCmpt.Lt | 00A | GndBrakeSensor |
| 2B | CondensorLow | 9C | PwrtoModuleA50 | 00A | GndSw21 |
| 2B | CondensorLow | 9C | PwrtoModuleA50 | 00A | Gnd_DDDL_DASH |
| 3 | DoorLatchSig | 0A | EvaporatorMain | 00A | ElectronicGnd |
| 4A | SOUND_SYSTEM | 00A | GndElectronic | 00A | ElectronicGnd |
| 4A | SOUND_SYSTEM | 00A | Gndtodash | 00A | ElectronicGnd |
| 4A | HostessChimeSig | 00A | GndEntranceDoor | 00A | GndSw11 |
| 4A | WitnessGnd | 00A | GndEntranceDoor | 00A | GndCluster |
| 4A | HostessChimeSig | 00A | GndEntranceDoor | 00A | GndSw24 |
| 4A | SOUND_SYSTEM | 00A | GndEntranceDoor | 00A | GndSw24 |
| 4C | HostessChimeSig | 00A | GndEntranceDoor | 00A | GndSw24 |
| 4c | wcl_extra_switch | 00A | GndSw18 | 00A | GndSw24 |
| 4c | wcl_extra_switch | 00A | GndSw18 | 00A | GndSw24 |
| 4c | wcl_extra_switch | 00A | GndSw18 | 00A | ElectronicGnd |
| 4c | wclextraswitch | 00A | GndSw18 | 00A | TestSwitch |
| 4c | wclextraswitch | 00A | GndSw18 | 00A | TestSwitch |
| 4c | wcl_extra_switch | 00A | GndEng.Start | 00A | ElectronicGnd |
| 5 | EmergandAisleLampsPwr | 00A | Gnd_Sw_17 | 00A | ElectronicGnd |
| 5A | UpperDefrostfan | 00A | Gndsw6 | 00A | ElectronicGnd |
| 5A | UpperDefrostfan | 00A | GndtoPitmansw | 00A | GndSw4 |
| 5B | UpperDefrostfan | 00A | GndSignal | 00A | GndSw1 |
| 5B | UpperDefrostfan | 00A | ElectronicGnd | 00A | GndSw2 |
| 5C | UpperDefrostfan | 00A | ElectronicGnd | 00A | GndSw2 |
| 5C | UpperDefrostfan | 00A | GndSw21 | 00A | GndSw2 |
| 5C | UpperDefrostfan | 00A | TestSwitch | 00A | GndSw2 |
| 5C | UpperDefrostfan | 00A | GndBrakeSensor | 00A | GndSw4 |
| 5WE | Power5V_weight | 00A | GndWindowAjar | 00A | GndSw1 |
| 5WE | Power5V_weight | 00A | GndTagSw64 | 00A | ElectronicGnd |
| 6 | GndWitnessSw24 | 00A | gndSw27 | 00A | ElectronicGnd |
| 7 | GndDriverSensor | 00A | GndSw12 | 00A | ElectronicGnd |
| 8 | GndParkBrakeSol | 00A | GndLowBuoySw43 | 00A | ElectronicGnd |
| 8 | GndParkBrakeSol | 00A | GndSw38 | 00A | ElectronicGnd |
| 8 | GndParkBrakeSol | 00A | GndSw16 | 00A | ElectronicGnd |
| 9 | EngCmpt.LtsSwitch | 00A | GndSw25 | 00A | ElectronicGnd |
| 9 | EngCmpt.LtsSwitch | 00A | GndSw26 | 00A | ElectronicGnd |

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| 00A | GndKneeling | 00A | GndSw12 | 00B | GndEng.Start |
| 00A | GndKneeling | 00A | GndSw12 | 00B | GndEng.Start |
| 00A | GndKneeling | 00A | escapeHachSensor | 00B | GndTransAlisson |
| 00A | PressureSwSignal | 00A | escapeHachSensor | 00B | ElectronicGnd |
| 00A | GndSw10 | 00A | escapeHachSensor | 00B | ElectronicGnd |
| 00A | GndSw10 | 00A | escapeHachSensor | 00B | WCLGnd |
| 00A | GndSw10 | 00A | escapeHachSensor | 00B | gndDirectLightsRly |
| 00A | GndSw10 | 00A | escapeHachSensor | 00B | GndIndirectLight |
| 00A | ElectronicGnd | 00A | escapeHachSensor | 00B | GndR14 |
| 00A | ElectronicGnd | 00A | GndWindowAjar | 00B | GndEngineDoorSe |
| 00A | electronicgnd | 00A | GndWindowAjar | 00B | Gnd_DDDL_RJB |
| 00A | Gndsw6 | 00A | GndWindowAjar | 00B | Gnd_AFSS |
| 00A | Electronicgnd | 00A | GndWindowAjar | 00B | GndEngineDoorSe |
| 00A | GndSw21 | 00A | GndWindowAjar | 00B | Electronic_gnd |
| 00A | GndSw21 | 00A | GndWindowAjar | 00B | GndTransAlisson |
| 00A | GndSw21 | 00A | GndWindowAjar | 00B | ElectronicGndofMuxModules |
| 00A | WitnessGndSW21 | 00A | GndWindowAjar | 00B | Gnd |
| 00A | GndSw21 | 00A | GndWindowAjar | 0BB | SensorGnd |
| 00A | GndSw16 | 00A | GndWindowAjar | 0BB | FuelGaugeGnd |
| 00A | GndSw16 | 00A | GndWindowAjar | 0BB | SensorGnd |
| 00A | GndSw16 | 00A | GndWindowAjar | 0C | GndStarter |
| 00A | GndSw16 | 00A | GndWindowAjar | 0CE | Gnd |
| 00A | GndBrakeSensor | 00A | GndWindowAjar | 0CE | Gnd_to_A47_A48 |
| 00A | GndSw29 | 00A | GndWindowAjar | 0CE | Gnd_to_A47_A48 |
| 00A | GndSw29 | 00A | WCLGnd | 0CE | Front_Electronic_Gnd |
| 00A | GndSw29 | 00A | WCLGnd | 0CE | GndDoorReedSw |
| 00A | GndSw26 | 00A | WCLGnd | 0CE | GndDoorUnlockSE |
| 00A | GndSw26 | 00A | WCLGnd | 0CE | Front_Electronic_Gnd |
| 00A | GndSw26 | 00A | GndSw11 | 0CG | Batteries_Chassis_Gnd |
| 00A | GndSw26 | 00A | GndSw11 | 0EV1 | CondensorGnd |
| 00A | GndSw29 | 00A | ElectronicGnd | 0EV2 | GndFlashersandMarkersCenter |
| 00A | GndSw25 | 00A | GndElectronic | 0EV2 | GndHvac |
| 00A | GndSw25 | 00A | ElectronicGnd | 0EV2 | GndFlashersandMarkersCenter |
| 00A | GndSw25 | 00A | GndSw14 | 0EV2 | GndFlashersandMarkersCenter |
| 00A | GndSw25 | 00A | GndSw14 | 0EV3 | gnd |
| 00A | GndSw38 | 00A | FastIdleGndEnable | 0EV3 | ChassisGnd |
| 00A | GndSw38 | 00A | GndSw14 | 0EV3 | Evap_Compt_Gnd |
| 00A | gndSw27 | 00A | GndSw14 | 0EV3 | GndFlashersandMarkersCenter |
| 00A | gndSw27 | 00A | GndSw14 | 0EV3 | Evap_Compt_Gnd |
| 00A | gndSw27 | 00A | FireAlarm_Detector | 0EV3 | GndRlyR20 |
| 00A | gndSw27 | 0B | EngineChassisGnd | 0EV3 | GndHvac |
| 00A | GndSw124 | 00B | ElectronicGndofMuxModules | 0EV3 | ChassisGnd |

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| 0EV3 | GndHvac | 0Lav4 | GndAisleLampsLH | 0RB6 | RJB_Chassis_Gnd |
| 0F | FJBDoorOpenSig | 0PR1 | GndDestinationSign | 0RB6 | TrailerLightsPackage |
| 0FA1 | GndofAccessoires | 0PR1 | GndKneeling | 0RB6 | LavatoryGnd |
| 0FA4 | GndPwrOutlet | 0PR2 | Gnd_Fr_Clearance_Lts | 0RB6 | TrailerLightsPackage |
| 0FA4 | GndHorn | 0PR2 | GndFrontClearanceLts | 0RB6 | GndHillStartAssist |
| 0FB1 | GndMirrors | 0PR3 | UpperDefrosterGnd | 0RB7 | GndToEcm |
| 0FB1 | GndWindshieldWasherPump | 0R | GndPrimePump | 0RC2 | GndDriverCylinder |
| 0FB1 | GndKneeling | 0RA2 | GndR1-R3 | 0RC3 | GndR23 |
| 0FB2 | GndDriverWdo | 0RA2 | AuxComp.ChassisGnd | 0RC3 | GndLowerWiperMotor |
| 0FB2 | GndPre-HeatTimer | 0RA2 | GndLavatory | 0RC3 | GndFogandCorneringLtsRH |
| 0FB3 | TiremonitoringGnd | 0RA2 | GndEngineCmpt.Lts | 0RC3 | GndLowerWiperMotor |
| 0FB3 | ChassisGnd | 0RA2 | GndWake-upRly | 0RC4 | GndEntranceLights |
| 0FB3 | GndAisleLamps | 0RA2 | GndUnloader | 0RC4 | GndEnt.DoorSol. |
| 0FB3 | GndWake-upRly | 0RA2 | GndUnloader | 0RC4 | GndEntranceLights |
| 0FC1 | Lugg_Door_Gnd | 0RA2 | GndPrimePump | 0V | LuggageDoorOpenSig |
| 0FC1 | Lugg_Relays_Gnd | 0RA2 | GndDockingLights | 0VE | GndEqualizer |
| 0FC1 | Lugg_Door_Gnd | 0RA2 | GndFuelFilter | 0W | WCLGnd |
| 0FC1 | GndFogsandCorneringLH | 0RA2 | RJB_Gnd | 0W | WCLGnd |
| 0FC1 | GndFlashersandMarkers | 0RA2 | GndUnloader | 0WC | WCLRemoteCtrl |
| 0FC4 | ElectricalHorn | 0RA2 | RJB_Gnd | 0WC | WCLGnd |
| 0FE | Gnd_Fire_Exting | 0RA2 | ChassiGnd | 0WE | GND_weight |
| 0FE | Gnd_AFSS | 0RA2 | GndDockingLights | 0Y | GndSignal |
| 0FE | Gnd | 0RA2 | GndDockingLights | 0Y | GndChassistoABSModule |
| 0G | gndIO-BA54 | 0RA2 | GndEngineCmpt.Lts | 0lav | wclextraswitch |
| 0G | Refrigerator_Option | 0RA2 | GndWake-upRly | 10 | LuggageCmpt.LtsPwr |
| 0H | GroundCoolantSensor | 0RA2 | GndUnloader | 10A | LuggageCmpt.LtsPwr |
| 0H | CoolantLevelGround | 0RA2 | AuxComp.ChassisGnd | 10R | LuggageDoorOpenSig |
| 00IS | Gnd_IShift | 0RA3 | GndR1-R3 | 11 | DestinationSignPwr |
| 0Lav | LavatoryGnd | 0RB3 | ChassisGnd | 12A | 12VDtoR3 |
| 0Lav | GndReadingLamps | 0RB3 | GndRearClearanceLts | 12Ecu | 12vEngineEcu |
| 0Lav | GndEmergencyLampsRH | 0RB3 | GndMarkersandStopLts | 12H | Dest_Sign |
| 0Lav | GndIndirectLight | 0RB3 | GndPre-Heat | 12VA | 12vEqualizer |
| 0Lav | LavatoryGnd | 0RB3 | RJB_Chassis_Gnd | 12VD | 12VD_Battery |
| 0Lav | GndReadingLamps | 0RB3 | GndHillStart | 12VD1 | 12VDFrontWake-up |
| 0Lav | wcl_extra_switch | 0RB3 | ChassisGnd | 12VD2 | 12VD_CPC |
| 0Lav | GndReadingLamps | 0RB3 | GndMarkersandStopLts | 12VD3 | 12vRearwake-up |
| 0Lav | GndIndirectLight | 0RB3 | ChassisGnd | 12VD4 | 12vEngineEcu |
| 0Lav | GndEmergencyLampsRH | 0RB3 | DPF_Door | 12VD4 | 12VDWitnessPwrSw4 |
| 0Lav | LavatoryGnd | 0RB3 | GndMarkersandStopLts | 12VD4 | 12VDdash |
| 0Lav1 | GndDirectLights | 0RB3 | GndRearClearanceLts | 12VD4 | 12VDdash |
| 0Lav2 | PRackChassisGnd | 0RB4 | AirdryerGnd | 12VD4 | 12vDDDR |
| 0Lav2 | PRackGndWCL | 0RB5 | GndPre-Heat | 12VD4 | 12VD |

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|-----------|--------------------------|-----------|-------------------------|-----------|-----------------------|
| 12VDF | 12VDtoFrontVec | 21AA | TrailerLightsPackage | 24VD10 | PwrGSECU |
| 12VECU | 12VD_CPC | 21B | CorneringLtsLH | 24VDCH | BattCharger |
| 12VI | 12VltoCB10 | 21C | Clearancelts | 24VDCust | 24VDCustomer |
| 12VI1 | 12VlofA44 | 21C | FlashersRearRH | 24VI | 24VI |
| 12VI3 | PwrOutletDrawer | 21D | Clearancelts | 24VI | HatRackLampsPwr |
| 12VI3 | PwrOutletDrawer | 22 | HazardSwSig | 24VI | EmergencyLampsPwr |
| 12VI4 | PwrOutletandCigarLighter | 23 | FlasherRHSig | 24VI1 | 24VltoRearVec |
| 12VI5 | 12VltoVECR | 23A | FlasherCenterRH | 24VI2 | 24VltoSw1 |
| 12VI6 | PwrtoModuleA50 | 23AA | FrontFlasherRHSide | 24VI4 | SunVisorsPwr |
| 12VI7 | Lugg_Door_Lock | 23AA | FlashersRearRH | 24VI5 | 24VILogic |
| 12VI8 | Lugg_Door_Lock | 23AA | TrailerLightsPackage | 24VI5 | 24VlofMuxmodules |
| 12VI9 | TiremonitoringPwr | 23AA | FlashersRearRH | 24VI5 | ReadingLampPwr |
| 12VI9 | TrailerLghtsPackage | 23B | CorneringLtsRH | 24VI6 | PwrtoDefrostUnit |
| 12VI9 | TiremonitoringPwr | 23C | Clearancelts | 24VI7 | LowerWiperPwr |
| 12VI10 | MirrorPwr | 23C | FlashersRearLH | 24VI8 | 24VltoMux |
| 12VICust | 12VICustomer | 23D | Clearancelts | 24VI9 | 24VltoA54 |
| 12VIF | 12VltoFrontVec | 24A | Booster_Block | 24VI10 | 24VI |
| 12VIF19 | 12vDDDR | 24CO | PwrtoExcitationResistor | 24VI10 | HatRackLampsPwr |
| 12VIZF | ZFsterringControl | 24CO | 24COtoSw58 | 24VI13 | Volvo_Link |
| 12W | DoorUnlockSol | 24D | 24DtoCB6 | 24VIA | Cut-outPneumaticAcc |
| 12WA | DoorFullOpenSig | 2.40E+03 | 24VltoCB1 | 24VICust | 24VICustomer |
| 12WUp1 | 12VWUptoA48 | 24IZ | 24VotIgnition | 24VIF | 24VltoFrontVEC |
| 12WUp1 | 12WUpFront | 24VA | 24vEquilizer | 24VIS | 24VII_Shift |
| 12WUp2 | 12WUptoDash | 24VB | 24VEnginePreheater | 24VIS | 12VlgnlShift |
| 12WUp2 | 12WUpRear | 24VB1 | 24VEnginePreheater | 24WC | WCL24VDPower |
| 12WUp5 | PwrtoModuleA51 | 24VB2 | 24VEnginePreheater | 24WUp1 | 24WUp_To_A47_A48 |
| 12WUp5 | DDDL_RJB_Pwr | 24VD | 24VD Battery | 24Wup1 | For_Master_ID |
| 12WUp5 | PwrtoModuleA51 | 24VD1 | 24VDtoRearVec | 24Wup1 | 24WUp_Front |
| 13 | SignalToPre-heatrelay | 24VD1 | 24VD | 24Wup1 | 12WUpFront |
| 14A | FlushingPumpSig | 24VD1 | 24VD1_Water_Preheater | 24Wup1 | 24WUp_Front |
| 15A | Flushing_pump | 24VD1 | 24VDDriverLiq | 24Wup1 | For_Master_ID |
| 16 | Speed_Signal | 24VD1 | 24VDtoPre-HeatTimer | 24Wup1 | 24WUp_Front |
| 16B | PwrofSpeedSensor | 24VD1 | 24FPS | 24Wup1 | 12WUpFront |
| 18 | Wip.WasherLevel | 24VD2 | 24VDEng.StartSw83 | 25 | EngineRunSignal |
| 18 | HeadlampWasherLevel | 24VD3 | 24VDofCECM | 25A1 | ExcitationSignal |
| 18 | Wip.WasherLevel | 24VD3 | 24VDtoRearVec | 25A2 | ExcitationSignal |
| 20 | Airdryer | 24VD3 | 24VDtooutsideDoorSw | 25A4 | BatteryNotChargingSig |
| 21 | FlasherLHSig | 24VD4 | 24VDFrontWake-up | 26 | DriverWdoPwr |
| 21A | FrontFlasher | 24VD5 | 24VDtoPre-Heat | 26 | DriverWdoPwr |
| 21A | FlashercenterLHSig | 24VD5 | PwrtoExcitationResistor | 26A | DriverWdo |
| 21AA | FlashersRearLH | 24VD7 | PassandPRackPwr | 27A | EmergencySwSig |
| 21AA | TrailerLghtsPackage | 24VD8B | UreaPowerACM | 29 | TagAxleValveSig |

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| 31 | UnloaderRH | 47A | DoorOpenSignal | 65A | FootDamper |
| 31B | WiperParkPwr | 48A | DoorOpenSol | 65D | DriverCylinder |
| 32A | TrailerLightsPackage | 49 | DoorCloseSignal | 65P | Pass.Cylinder |
| 32A | BackupLtandalarm | 49A | DoorCloseSol | 66 | MarkersSigSw2 |
| 32A | TrailerLightsPackage | 49A | DoorInsideSwCloseSig | 67 | EvaporatorPwr |
| 32D | ReversesigtoBUpMonitor | 50 | WitnessGndSig | 67A | Condensor1stSpdSig |
| 33 | UnloaderLH | 50 | DriverHeatValve | 68 | DashDamper |
| 34 | ParkBrakeReleaseSignal | 51 | WitnessGnd | 68 | DashDamper |
| 35 | Ceilingentrancelight | 52 | RJB_Spare52 | 68A | DashDamper |
| 35 | EntranceDoorLights | 52A | ElectricalHorn | 69 | ElectricalHorn |
| 38 | DirectLights | 53 | LowerWip1stSpd | 69A | HornSignal |
| 38AA | DirectLightsRHRicon | 53B | Horn | 70A | HatRackLighting |
| 38AA | DirectLightsRH | 53B | LowerWip2ndSpd | 70A | GndHatRackLamps |
| 38AA | DirectLightsRHRicon | 53C | LowerWip.IntSig | 70B | HatRackLighting |
| 38AA | DirectLightsRH | 53D | Washer_ctrl | 70B | GndHatRackLamps |
| 38BB | DirectLightsLH | 53E | LowerWiper1stSpd | 70C | HatRackLighting |
| 38C | DirectLightSwSig | 53F | LowerWasherPump | 70C | HatRackLighting |
| 38C | DirectLightsPwr | 53G | LowerWip1stSpd | 70C | HatRackLighting |
| 39 | DriverLtSwSig | 53H | LowerWip.IntSig | 70C | GndHatRackLamps |
| 39D | DriverLt | 53H | LowerWiper | 70C | GndHatRackLamps |
| 40 | WitnessGnd | 54 | TestSwitch | 70D | HatRackLighting |
| 41 | 24VCondensor | 55 | Lugg_Door_Lock_Signal | 70D | GndHatRackLamps |
| 41A | CondensorPwr | 57A | WaterPump | 70E | GndHatRackLamps |
| 41A1 | CondensorPwr | 57G | Pre-HeatWebasto | 70E | HatRackLighting |
| 41B | CondensorPwr | 57GA | Pre-HeattoWtrPmpRly | 70F | GndHatRackLamps |
| 41Pwm | CondensorLow | 57H | Pre-HeattoWtrPmpRly | 70F | HatRackLighting |
| 42A | CondensorPwr | 57L | Hi-Beam | 70G | GndHatRackLamps |
| 42B | CondensorPwr | 57R | HighBeamRH | 70G | HatRackLighting |
| 43 | WCL | 57Rtn | SignalRtnHeadLtsLH | 70H | GndHatRackLamps |
| 43 | PRackRH | 58L | LowBeam | 70H | HatRackLighting |
| 43F | WitnessGndSw27 | 58R | LowBeamRH | 70J | GndHatRackLamps |
| 43G | Parcel_Rack_Vent | 58Rtn | HeadLampRHRtn | 71A | DockingLtsLH |
| 44 | P-RackLHFan | 59 | Hi/LowBeamSignal | 72A | DockingLtsRH |
| 45 | UpperFanSig | 59 | Hi/LowBeamSignal | 73 | wclextraswitch |
| 45 | Pre-HeatSigRly | 60 | FogsLtsSwSig | 73 | wcl_extra_switch |
| 45A | PassengerHeatSig | 61 | HeadLtsSig | 73 | HostessChimePwr |
| 46 | FrontFlasherRh | 62B | LavatoryLts | 73 | wcl_extra_switch |
| 46 | MarkersLightsRear | 63 | Clearancelts | 73 | wclextraswitch |
| 46 | TrailerLightsPackage | 63A | FrontClearancelts | 73 | HostessChimePwr |
| 46 | MarkersLightsRear | 63B | Clearancelts | 73 | LavatoryPwr |
| 46 | MarkersCenter | 63C | CtrlHeadBacklight | 73A | RearOccupiedSig |
| 46A | FrontMarkers | 64 | EmergencyLampsSig | 74 | ReadingLampSig |

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|-----------|---------------------------|-----------|----------------------|-----------|------------------------|
| 74A | wcl_extra_switch | 85BB | Ign-AccSignal | 107 | PwrI_Shift |
| 74A | ReadingLampsRH | 85C | PositionNormalSw58 | 108 | Pwr_Trans_IShift |
| 74A | wcl_extra_switch | 85D | RearStartPwr | 109 | Cmd_Ground |
| 74A | Reading_Lamp_RH | 85E | RearStartSignal | 110 | PwrI_Shift |
| 74A | wclextraswitch | 85F | EgnineStartPwrSw58 | 111 | Transmission |
| 74A | ReadingLampsRH | 85G | Ign-AccSignal | 114 | DriverLt |
| 74AB | Reading_Lamp_RH | 85X | 24VIgn | 114A | Backlight |
| 74B | ReadingLampsLH | 85Y | ABSBusTTLT | 115 | CoolantLevelSignal |
| 74C | ReadingLamp | 85Z | ABS_Trailer_Sig | 115A | WitnessPwrSw21 |
| 74D | ReadingLamps | 86 | DefrostunitSpd | 115W | CheckTransSig |
| 75 | wclextraswitch | 86 | PassengerTemp | 116 | DriverLiq |
| 75 | wcl_extra_switch | 86ARtn | EntranceCeilingLtGnd | 116 | 24VDDriverLiq |
| 75 | wclextraswitch | 86BRtn | Gnd | 116 | DriverLiq |
| 75 | ReadingLampsRH | 86Rtn | GndDefrostUnit | 116 | Transmission |
| 75A | ReadingLampsLH | 87 | GndSignal | 122 | DigitalClock |
| 76 | FuelLevelSig | 88 | TransducerPwr | 123 | 123_Fire_Alarme_Signal |
| 76C | FuelGaugeWrn | 89 | DriverSensorSig | 124 | FireAlarm_Detector |
| 76P | PrimePumpSig | 90H | Evap_Rly_Power | 124 | 123_Fire_Alarme_Signal |
| 77 | TransducerHi-Side | 90H1 | EvaporatorMain | 124A | ShifterSignal |
| 77B | PassandPRackLiquidValve | 91 | ParkBrakeSig | 124A | Transmission |
| 77BA | A/CClutch | 91B | WitnessSigSw14 | 124A | Transmission |
| 77C | PassengerPRackLiquidValve | 92 | TrailerParkBrakeSig | 124A | ShifterSignal |
| 78 | StopLightSensorSig | 93 | TranducerLow-Side | 125 | RetarderActiveLamp |
| 78 | AuxA/CClutch | 94 | PrimePumpPwr | 126A | KneelingUpSwSig |
| 78BA | AuxA/CClutch | 95A | DockingLTswSig | 126B | KneelingDownSwSig |
| 79 | Gnd_Service_Brake | 96A | CorneringLTswSig | 126C | ProximitySwSig |
| 79A | StopLightSensorSig | 99 | Sw20Gnd | 126D | ProximitySwPwr |
| 80 | BrakeRedundant | 00A1 | GndElectronic | 126E | PressureSwSignal |
| 81 | HeadLtCallSw1 | 0B1 | GndEnginePreheater | 126F | KneelingDownSol |
| 82A | CyclopeSignal | 0V2 | LuggageDoorOpenSig | 126G | KneelingUpSol |
| 82Low | StopRearLowerLamp | 0Y2 | GndChassisABSSol | 126H | KneelingCtrl.Sol |
| 82Up | TrailerLghtsPackage | 0Y3 | GndChassisABSSol | 126J | KneelingHi-BuoySol |
| 82Up | StopRearUpperLamps | 100 | IndirectLight | 126JR | GndKneeling |
| 82Up | TrailerLghtsPackage | 100A | IndirectLight | 126P | KneelingBuzzer |
| 83 | 24vAccessories | 100B | IndirectLightLH | 127 | Pre-HeatSignal |
| 84 | StartSigSw83 | 100C | IndirectLightsSig | 127D | ChargerRlyGndSig |
| 84A | StartSigSw83 | 100D | IndirectLightPwr | 128 | Pre-HeatStatus |
| 84B | StartSigSw83 | 101 | R1toStarter | 128B | Pre-HeatTTLT |
| 85 | 24VIgnition | 102A | Alternator | 131 | Evaporator2ndSpd |
| 85A | Ign-AccSignal | 103 | LowBuoySig | 131 | Transmission |
| 85A | 24vAccessories | 104 | PwrI_Shift | 132 | IndirectLights |
| 85B | Wake-upSig | 105 | FogLtsLH | 133 | Transmission |

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|-----------|-----------------|-----------|-----------------------|-----------|------------------------|
| 136 | Transmission | 151A | GndToEcm | 174 | Transmission |
| 136A | TransmissionPwr | 151B | GNDECM | 175 | Transmission |
| 136A | TransmissionPwr | 151C | GndToEcm | 176 | Transmission |
| 136AA | ShifterSignal | 151D | GndToEcm | 177 | Transmission |
| 137 | Transmission | 151D | GndToEcm | 180 | Transmission |
| 137A | MirrorPwrSig | 152 | Transmission | 181 | OutsideSensor |
| 137A | Mirrors | 152 | ABS Rear Atc Solenoid | 185 | TransmissionInhibitSig |
| 137A | MirrorPwrSig | 154 | Transmission | 188 | AutomaticTagUnload |
| 137B | Mirrors | 155 | Transmission | 197 | FuelFilterSig |
| 137C | Mirrors | 156A | 12VltoABS | 201 | headlampwashersignal |
| 137D | Mirrors | 157D | ATCSignal | 202 | Headlampwasherpump |
| 137E | Mirrors | 159 | Transmission | 225 | LavatoryFan |
| 137F | Mirrors | 160 | TagSignal | 231 | NeutralSig |
| 137H | Mirrors | 160 | Transmission | 231A | StarterRelay |
| 137J | Mirrors | 163 | Retarder_Sig | 240A | PowertoEcm |
| 137K | Mirrors | 163A | RetarderSig | 240B | ECMPower |
| 137L | Mirrors | 163B | Retarder_Sig | 241A | PowertoEcm |
| 137M | Mirrors | 164 | HandLevelSig | 241B | ECMPower |
| 137N | Mirrors | 166 | WitnessSigSw16 | 241C | WIF_Heater |
| 137P | Mirrors | 167 | Aux.A/CLowPressSig | 254 | Frigo |
| 138 | ABSSensor | 168 | Aux.A/CHighPressSig | 260 | escape_Hatch_sensor |
| 138A | ABSSensor | 170 | LuggageLock_UnlockSig | 260 | WindowAjarSig |
| 139 | ABSSolenoid | 170A | Lugg_Door_Lock | 290 | GndFanClutch |
| 139 | Transmission | 170B | Lugg_Door_Lock | 291 | FanClutch |
| 140 | ABSSolenoid | 170D | Lugg_Door_Lock | 292 | FanClutch |
| 140 | Transmission | 170E | Lugg_Door_Lock | 300 | WCLTopLightSliding |
| 141 | ABSSolenoid | 170F | Lugg_Door_Lock | 301 | WheelChairLiftSwitch |
| 142 | ABSSolenoid | 170G | Lugg_Door_Lock | 302 | WCLRicon |
| 143 | ABSSensor | 170H | Lugg_Door_Lock_Signal | 302A | WCLSlidingdoorSig |
| 143A | ABSSensor | 170L | LuggageLock_UnlockSig | 303 | WCL |
| 144 | ABSSensor | 170M | LuggageLock_UnlockSig | 304 | WheelChairLift |
| 144A | ABSSensor | 170N | LuggageLock_UnlockSig | 305 | ParkBrakeSol |
| 145 | ABSSolenoid | 170P | LuggageLock_UnlockSig | 305A | WCLUpperDoorSignal |
| 146 | ABSSolenoid | 170R | LuggageLock_UnlockSig | 306 | WCLTopLights |
| 147 | ABSSolenoid | 170S | ElectronicGnd | 306 | WCLTopLights |
| 148 | Transmission | 170T | Lugg_Unlock_Sw | 307 | WCL |
| 149 | ABSSensor | 170V | LuggageLock_UnlockSig | 308 | WCL |
| 149 | Transmission | 170W | LuggageLock_UnlockSig | 311 | WCL |
| 149A | ABSSensor | 170X | LuggageLock_UnlockSig | 313 | WCL |
| 150 | Transmission | 170Y | Lugg_Door_Lock | 314 | WCL_Se62 |
| 151 | GndtoEcm | 170Z | Lugg_Door_Lock | 341 | Pwr_AFSS_Sys |
| 151 | Transmission | 171 | LuggageUnlockSwSig | 342 | See_H3_Design |

CIRCUITS LIST

| CircuitID | Description | CircuitID | Description | CircuitID | Description |
|-----------|--------------------------|-----------|-----------------------|-----------|--------------------------|
| 343A | See_H3_Design | 522 | UreaSystem | 910 | L_SPEAKER_HARNESS |
| 344 | ExtinguisherSignal | 523 | UreaSystem | 911 | EmergencyCutoutRlySignal |
| 345 | See_H3_Design | 524B | IdleValidationSig | 916 | 5VSensorPwr |
| 346 | PowerSensors | 524B | IdleValidationSig | 952 | GndSensorRtn |
| 347 | Fire_Detect_Alarme | 524C | IdleValidationSig | 953 | GNDPCPC |
| 348 | See_H3_Design | 524C | IdleValidationSig | 953 | DecelSignal |
| 351 | EngineShout-downSignal | 525 | UreaSystem | 953 | GndEcm |
| 352 | OverrideSignal | 526 | DPFVolvo | 979 | EngineBrakeA |
| 352 | See_H3_Design | 527 | UreaSystem | A4A | Retarder |
| 364 | Trans.RearAirBrake | 528 | UreaSystem | A4B | Retarder |
| 364 | Trans.RearAirBrake | 530 | UreaSystem | A4C | Retarder |
| 365 | Trans.RearAirBrake | 532 | UreaSystem | A4D | Retarder |
| 365 | Trans.RearAirBrake | 541 | CruiseSetSig | A4E | Retarder |
| 366 | Trans.RearAirBrake | 544 | CruiseOn_OffSignal | A4F | Retarder |
| 367 | Trans.RearAirBrake | 544A | CruiseOn-OffLed | A4G | Retarder |
| 368 | AccAirPressureSig | 545 | CruiseResumeSig | A4H | Retarder |
| 369 | AccAirPressureSig | 583 | EngineBrakeB | B1A | DirectLighting |
| 417 | ThrottlePositionSignal | 600 | ABSSensor | B1B | DirectLighting |
| 439 | TransmissionIgnition | 600A | ABSSensor | B2A | DirectLighting |
| 500 | Gnd/Supply_Detroit/Volvo | 601 | ABSSensor | B2B | DirectLighting |
| 501 | Control_Ground_Relay | 601A | ABSSensor | B3A | DirectLighting |
| 502 | IVSOut | 602 | ABSSteering&Yawsensor | B3B | DirectLighting |
| 505 | DPFVolvo | 603 | ABSSteering&Yawsensor | B4A | DirectLighting |
| 505 | UreaSystem | 604 | ABSSteering&Yawsensor | B4B | DirectLighting |
| 506 | DPFVolvo | 605 | ABSSteering&Yawsensor | B5A | DirectLighting |
| 506 | UreaSystem | 606 | ABSPressuresensor | B5B | DirectLighting |
| 507 | UreaSystem | 607 | ABSPressuresensor | B6A | DirectLighting |
| 507 | DPFVolvo | 608 | ABSPressuresensor | B6B | DirectLighting |
| 510 | FastIdleSignal | 609 | ABSPressuresensor | B7A | DirectLighting |
| 511 | UreaSystem | 609 | ABSPressuresensor | B7B | DirectLighting |
| 511 | DPFVolvo | 610 | ABSPressuresensor | BLACK | 120VACOUTLET |
| 512 | DPFVolvo | 611 | AbsTagSolenoid | BLACK | 120v5pass |
| 512 | UreaSystem | 612 | AbsTagSolenoid | BikRR | TiremonitoringGnd |
| 513 | UreaSystem | 613 | AbsTagSolenoid | BRef1 | SensorGnd |
| 513 | DPFVolvo | 614 | ABSSteeringSolenoid | Bref2 | PassengerSensor |
| 515 | GroundPreheaterRelay | 614A | ABSSteeringSolenoid | CAN2-H | EngineCan2 |
| 516 | DPFVolvo | 615 | ABStrailersolenoid | CAN2-L | EngineCan2 |
| 516 | UreaSystem | 616 | ABStrailersolenoid | CanH | CanHSignal |
| 517 | UreaSystem | 617 | ABStrailersolenoid | CanH1 | SparesFr-to-RearHarness |
| 518 | UreaSystem | 618 | Hill_Start_Assist_Sig | CanH2 | SpareCan |
| 519 | UreaSystem | 618A | HillStartAssist | CanL | CanLSignal |
| 520 | UreaSystem | 900 | J1587+ | CanL1 | SparesFr-to-RearHarness |

CIRCUITS LIST

| CircuitID | Description | CircuitID | Description | CircuitID | Description |
|-----------|---------------------|-----------|------------------------|------------------|--------------------------|
| Cd | ComputerSignals | N26 | A53Address | sp52 | |
| Cd1 | ComputerSignals | N27 | A54Address | SpareLock_Unlock | SpareLock_UnlockHarn |
| Chgr | Battery_Charger_Gnd | N28 | A54Address | spare1 | SpareLock_UnlockHarn |
| Cts | ComputerSignals | N29 | A36Address | spare2 | SpareLock_UnlockHarn |
| DBusH | DBus | N30 | A55address | spare4 | SparesEvap.Harness |
| DBusL | DBusSignal | N31 | A55address | spare5 | SparesEvap.Harness |
| FAKE | L_SPEAKER_HARNESS | OFB3 | TiremonitoringGnd | spare6 | SparesCondHarness |
| FAKE1 | R_SPEAKER_HARNESS | OP2 | Inverter_Gnd | spare7 | SparesCondHarness |
| fuilf | fake | PP1 | for_inverter | spare8 | SparesEvap.Harness |
| GndA | ComputerSignals | R1A | DirectLighting | spare9 | SparesEvap.Harness |
| GREEN | 120VACOUTLET | R2A | DirectLighting | spare10 | SparesInteriorLtsHarness |
| HOSTESS | SOUND_SYSTEM | R2B | DirectLighting | spare11 | SparesInteriorLtsHarness |
| J1939H | J1939H | RedFR | Tiremonitoring12v | spare12 | SparesInteriorHarness |
| J1939L | J1939L | RedRL | Tiremonitoring12v | spare13 | SparesInteriorHarness |
| LF+ | L_SPEAKER_HARNESS | RedRR | Tiremonitoring12v | spare14 | SparesInteriorHarness |
| LF- | L_SPEAKER_HARNESS | Ref1 | gndsensor | spare15 | SparesInteriorHarness |
| LR+ | FR_SPEAKER_HARNESS_ | RF+ | L_SPEAKER_HARNESS | spare16 | SparesInteriorHarness |
| LR- | FR_SPEAKER_HARNESS_ | RF- | L_SPEAKER_HARNESS | spare17 | SparesFr-to-RearHarness |
| N1 | A41Address | RR+ | FR_SPEAKER_HARNESS_ | spare18 | SparesFr-to-RearHarness |
| N2 | A41Address | RR- | FR_SPEAKER_HARNESS_ | spare19 | SparesFr-to-RearHarness |
| N3 | A42Address | Rts | ComputerSignals | spare20 | SparesClearanceLts |
| N4 | A42Address | RX | DataTireMon | spare21 | SparesClearanceLts |
| N5 | A43Address | RxD | ComputerSignals | spare22 | SparesClearanceLts |
| N6 | A43Address | SH1 | I_ShiftGearLevelSignal | spare23 | SparesClearanceLts |
| N7 | A44Address | SH2 | I_ShiftGearLevelSignal | spare24 | SparesClearanceLts |
| N8 | A44Address | SH3 | I_ShiftGearLevelSignal | spare25 | SparesClearanceLts |
| N9 | A45Address | SH4 | I_ShiftGearLevelSignal | spare28 | SparesFrontHarness |
| N10 | A45Address | SH5 | I_ShiftGearLevelSignal | spare29 | SparesFrontHarness |
| N11 | A46Address | SH6 | I_ShiftGearLevelSignal | spare30 | SparesFrontHarness |
| N12 | A46Address | SH7 | I_ShiftGearLevelSignal | spare31 | SparesFrontHarness |
| N13 | A47Address | SH8 | I_ShiftGearLevelSignal | spare32 | SparesFrontHarness |
| N14 | A47Address | SIGNAL | signal_weight | spare33 | SparesFrontHarness |
| N15 | A48Address | SL13 | L_SPEAKER_HARNESS | spare34 | SparesFrontHarness |
| N16 | A48Address | SL24 | L_SPEAKER_HARNESS | spare35 | SparesFrontHarness |
| N17 | A49Address | SL35 | L_SPEAKER_HARNESS | spare39 | SparesDash |
| N18 | A49Address | SL46 | L_SPEAKER_HARNESS | spare40 | SparesDash |
| N19 | A50Address | SL57 | L_SPEAKER_HARNESS | spare41 | SparesDash |
| N20 | A50Address | SL68 | L_SPEAKER_HARNESS | spare42 | SparesDash |
| N21 | A51Address | SL1012 | L_SPEAKER_HARNESS | spare43 | SparesDash |
| N22 | A51Address | SL1113 | L_SPEAKER_HARNESS | spare44 | SparesDash |
| N23 | A52Address | SL1214 | L_SPEAKER_HARNESS | spare45 | SpareEvapCmpt. |
| N24 | A52Address | SL1315 | L_SPEAKER_HARNESS | spare46 | SpareEvapCmpt. |

CIRCUITS LIST

| CircuitID | Description | CircuitID | Description | CircuitID | Description |
|-----------|-----------------------|-----------|----------------|-----------|-------------|
| spare51 | SparesEngineCradle | Y1B | DirectLighting | | |
| spare52 | SparesEngineCradle | Y2A | DirectLighting | | |
| spare53 | SparesEngineCradle | Y2B | DirectLighting | | |
| spare54 | SparesEngineCradle | Y3A | DirectLighting | | |
| spare62 | spareABSHarness | Y3B | DirectLighting | | |
| spare64 | Spare_Transmission | Y4A | DirectLighting | | |
| spare65 | Spare_Transmission | Y4B | DirectLighting | | |
| spare70 | spare | Y5A | DirectLighting | | |
| spare71 | spare | Y5B | DirectLighting | | |
| spare72 | spare | Y6A | DirectLighting | | |
| spare73 | spare | Y6B | DirectLighting | | |
| spare74 | spare | Y7A | DirectLighting | | |
| spare75 | spare | Y7B | DirectLighting | | |
| spare76 | spare | | | | |
| SR13 | FR_SPEAKER_HARNESS_ | | | | |
| SR24 | FR_SPEAKER_HARNESS_ | | | | |
| SR35 | FR_SPEAKER_HARNESS_ | | | | |
| SR46 | FR_SPEAKER_HARNESS_ | | | | |
| SR57 | FR_SPEAKER_HARNESS_ | | | | |
| SR68 | FR_SPEAKER_HARNESS_ | | | | |
| SR911 | R_SPEAKER_HARNESS_WCL | | | | |
| SR911 | FR_SPEAKER_HARNESS_ | | | | |
| SR1012 | R_SPEAKER_HARNESS_WCL | | | | |
| SR1113 | R_SPEAKER_HARNESS_WCL | | | | |
| SR1214 | R_SPEAKER_HARNESS_WCL | | | | |
| SR1315 | R_SPEAKER_HARNESS_WCL | | | | |
| SR1416 | R_SPEAKER_HARNESS_WCL | | | | |
| Sub1+ | SUBWOOFER | | | | |
| Sub1- | SUBWOOFER | | | | |
| Sub2+ | SUBWOOFER | | | | |
| Sub2- | SUBWOOFER | | | | |
| TX | DataTireMon | | | | |
| TxD | ComputerSignals | | | | |
| WC2 | WCLRemoteCtrl | | | | |
| WC3 | WCLRemoteCtrl | | | | |
| WC4 | WCLRemoteCtrl | | | | |
| WC6 | WCLRemoteCtrl | | | | |
| WC7 | WCLRemoteCtrl | | | | |
| WHITE | 120VACOUTLET | | | | |
| WhtFR | Tiremonitoringdata | | | | |
| WhtRL | Tiremonitoringdata | | | | |
| WhtRR | Tiremonitoringdata | | | | |