Powertrain

BO\_ 512 Diag\_Request: 8 Vector\_\_XXX

BO\_ 1024 Diag\_Response: 8 Vector\_\_XXX

BO\_ 103 Ignition\_Info: 2 Gateway

SG\_ StarterKey : 0|1@1+ (1,0) [0|1] "" Engine

BO\_ 1544 DiagResponse\_Motor: 8 Engine

BO\_ 1537 DiagRequest\_Motor: 8 Gateway

BO\_ 1307 NM\_Engine: 4 Engine

SG\_ SleepInd : 12|1@1+ (1,0) [0|1] "" Vector\_\_XXX

BO\_ 1306 NM\_Gateway\_PowerTrain: 4 Gateway

SG\_ SleepInd : 12|1@1+ (1,0) [0|1] "" Vector\_\_XXX

BO\_ 1020 GearBoxInfo: 1 Engine

SG\_ EcoMode : 6|2@1+ (1,0) [0|1] "" Vector\_\_XXX

SG\_ ShiftRequest : 3|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Gear : 0|3@1+ (1,0) [0|5] "" Gateway

BO\_ 101 EngineStatus: 1 Engine

SG\_ ErrorCode : 2|6@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Status : 0|2@1+ (1,0) [0|0] "" Vector\_\_XXX

BO\_ 102 EngineDataIEEE: 8 Engine

SG\_ EngSpeed : 0|32@1- (1,0) [0|8000] "rpm" Vector\_\_XXX

SG\_ EngForce : 32|32@1- (1,0) [0|0] "N" Vector\_\_XXX

BO\_ 100 EngineData: 8 Engine

SG\_ PetrolLevel : 24|8@1+ (1,0) [0|255] "l" Vector\_\_XXX

SG\_ EngPower : 48|16@1+ (0.01,0) [0|150] "kW" Vector\_\_XXX

SG\_ EngForce : 32|16@1+ (1,0) [0|0] "N" Vector\_\_XXX

SG\_ IdleRunning : 23|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ EngTemp : 16|7@1+ (2,-50) [-50|150] "degC" Vector\_\_XXX

SG\_ EngSpeed : 0|16@1+ (1,0) [0|8000] "rpm" Vector\_\_XXX

BO\_ 201 ABSdata: 6 Engine

SG\_ AccelarationForce : 32|16@1+ (1,-10000) [0|0] "N" Vector\_\_XXX

SG\_ Diagnostics : 16|8@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ GearLock : 15|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ CarSpeed : 0|10@1+ (0.5,0) [0|300] "mph" Vector\_\_XXX

Comfort

BO\_ 1541 TP\_Dashboard: 6 Dashboard

SG\_ data : 0|48@1+ (1,0) [0|0] "" Console

BO\_ 1792 Diag\_Request: 8 Vector\_\_XXX

BO\_ 1536 Diag\_Response: 8 Vector\_\_XXX

BO\_ 1537 DiagResponse\_Motor: 8 Gateway

SG\_ data : 0|64@1+ (1,0) [0|0] "" Vector\_\_XXX

BO\_ 1543 DiagResponse\_DoorLeft: 8 DOOR\_le

SG\_ data : 0|64@1+ (1,0) [0|0] "" Vector\_\_XXX

BO\_ 1542 DiagRequest: 8 Vector\_\_XXX

SG\_ data : 0|64@1+ (1,0) [0|0] "" DOOR\_le

BO\_ 1540 TP\_Console: 6 Console

SG\_ data : 0|48@1+ (1,0) [0|0] "" Dashboard

BO\_ 1053 NM\_Gateway: 4 Gateway

SG\_ SleepInd : 12|1@1+ (1,0) [0|0] "" Gateway,DOOR\_ri,DOOR\_le

BO\_ 1052 NM\_DOORright: 4 DOOR\_ri

SG\_ SleepInd : 12|1@1+ (1,0) [0|0] "" Gateway,DOOR\_le

BO\_ 1051 NM\_DOORleft: 4 DOOR\_le

SG\_ SleepInd : 12|1@1+ (1,0) [0|0] "" Gateway,DOOR\_ri

BO\_ 1050 NM\_Console: 4 Console

SG\_ SleepInd : 12|1@1+ (1,0) [0|0] "" Console,Gateway,DOOR\_ri,DOOR\_le

BO\_ 497 DOOR\_r: 1 DOOR\_ri

SG\_ WN\_Position : 0|8@1+ (1,0) [0|100] "" Vector\_\_XXX

BO\_ 496 DOOR\_l: 1 DOOR\_le

SG\_ WN\_Position : 0|8@1+ (1,0) [0|100] "" Vector\_\_XXX

BO\_ 417 Console\_2: 2 Console

SG\_ Phase : 8|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Active : 1|2@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Light : 0|1@1+ (1,0) [0|1] "" Vector\_\_XXX

BO\_ 416 Console\_1: 4 Console

SG\_ WN\_right\_up : 30|1@1+ (1,0) [0|0] "" DOOR\_ri

SG\_ WN\_right\_down : 29|1@1+ (1,0) [0|0] "" DOOR\_ri

SG\_ WN\_left\_up : 26|1@1+ (1,0) [0|0] "" DOOR\_le

SG\_ WN\_left\_down : 25|1@1+ (1,0) [0|0] "" DOOR\_le

SG\_ Mirror\_r2d : 7|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Mirror\_r2u : 6|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Mirror\_r2r : 5|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Mirror\_r2l : 4|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Mirror\_l2d : 3|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Mirror\_l2u : 2|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Mirror\_l2r : 1|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Mirror\_l2l : 0|1@1+ (1,0) [0|0] "" Vector\_\_XXX

BO\_ 273 Gateway\_2: 8 Gateway

SG\_ Voltage : 48|10@1+ (0.1,0) [0|102.3] "V" Vector\_\_XXX

SG\_ PetrolLevel : 40|8@1+ (1,0) [0|0] "" Dashboard

SG\_ EngSpeed : 24|16@1+ (1,0) [0|0] "" Dashboard

SG\_ CarSpeed : 8|16@1+ (0.5,0) [0|300] "" Dashboard

SG\_ EngineTemp : 0|8@1+ (1,0) [0|0] "" Dashboard

BO\_ 272 Gateway\_1: 3 Gateway

SG\_ Gear : 8|4@1- (1,0) [0|0] "" Dashboard

SG\_ EngineRunning : 7|1@1+ (1,0) [0|0] "" Vector\_\_XXX

SG\_ Ig\_15 : 2|1@1+ (1,0) [0|0] "" Dashboard,Console

SG\_ Ig\_15R : 1|1@1+ (1,0) [0|0] "" Dashboard

SG\_ StarterKey : 0|1@1+ (1,0) [0|1] "" Dashboard

BO\_ 256 DebugMsg1: 8 Vector\_\_XXX

SG\_ Data4 : 48|16@1- (1,0) [0|0] "" Gateway

SG\_ Data3 : 32|16@1- (1,0) [0|0] "" Gateway

SG\_ Data2 : 16|16@1- (1,0) [0|0] "" Gateway

SG\_ Data1 : 0|16@1- (1,0) [0|0] "" Gateway

Canmsgsample

BO\_ 856 CDU\_1: 8 CDU

SG\_ CDU\_HVACOffButtonSt : 0|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACOffButtonStVD : 1|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACAutoModeButtonSt : 2|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACAutoModeButtonStVD : 3|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACFDefrostButtonSt : 6|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACFDefrostButtonStVD : 7|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACDualButtonSt : 10|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACDualButtonStVD : 11|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACIonButtonSt : 12|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACIonButtonStVD : 13|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACCirculationButtonSt : 18|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACCirculationButtonStVD : 19|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACACButtonSt : 20|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACACButtonStVD : 21|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACACMaxButtonSt : 22|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACACMaxButtonStVD : 23|1@0+ (1,0) [0|1] "" HVAC

SG\_ CDU\_HVACModeButtonSt : 26|3@0+ (1,0) [0|7] "" HVAC

SG\_ HVAC\_WindExitSpd : 30|4@0+ (1,0) [0|15] "" Vector\_\_XXX

SG\_ CDU\_HVAC\_DriverTempSelect : 36|5@0+ (0.5,18) [18|32] "°C" Vector\_\_XXX

SG\_ HVAC\_PsnTempSelect : 44|5@0+ (0.5,18) [18|32] "" Vector\_\_XXX

SG\_ CDU\_HVACCtrlModeSt : 54|3@0+ (1,0) [0|7] "" HVAC

SG\_ CDU\_ControlSt : 55|1@0+ (1,0) [0|1] "" HVAC

BO\_ 61 CDU\_4: 8 CDU

SG\_ CDU\_HVACACCfg : 1|2@0+ (1,0) [0|3] "" HVAC

SG\_ CDU\_HVACAirCirCfg : 3|2@0+ (1,0) [0|3] "" HVAC

SG\_ CDU\_HVACComfortCfg : 5|2@0+ (1,0) [0|3] "" HVAC

BO\_ 1067 CDU\_NM: 8 CDU

SG\_ CDU\_NMDestAddress : 7|8@0+ (1,0) [0|255] "" BCM,PEPS,ICM,CDU

SG\_ CDU\_NMAlive : 8|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ CDU\_NMRing : 9|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ CDU\_NMLimpHome : 10|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ CDU\_NMSleepInd : 12|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ CDU\_NMSleepAck : 13|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ CDU\_NMWakeupOrignin : 23|8@0+ (1,0) [0|255] "" BCM,PEPS,ICM,CDU

SG\_ CDU\_NMDataField : 31|40@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

BO\_ 1056 BCM\_NM: 8 BCM

SG\_ BCM\_NMDestAddress : 7|8@0+ (1,0) [0|255] "" BCM,PEPS,ICM,CDU

SG\_ BCM\_NMAlive : 8|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ BCM\_NMRing : 9|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ BCM\_NMLimpHome : 10|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ BCM\_NMSleepInd : 12|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ BCM\_NMSleepAck : 13|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

SG\_ BCM\_NMWakeupOrignin : 23|8@0+ (1,0) [0|255] "" BCM,PEPS,ICM,CDU

SG\_ BCM\_NMDataField : 31|40@0+ (1,0) [0|1] "" BCM,PEPS,ICM,CDU

BO\_ 792 BCM\_BCAN\_1: 8 BCM

SG\_ BCM\_KeySt : 1|2@0+ (1,0) [1|3] "" PEPS,ICM,AVM,CDU,HVAC

BO\_ 837 BCM\_ESC\_2: 8 BCM

SG\_ ESC\_VehSpdVD : 37|1@0+ (1,0) [0|1] "" BCM,PEPS,ICM,AVM,CDU

SG\_ ESC\_VehSpd : 36|13@0+ (0.05625,0) [0|240] "" BCM,PEPS,ICM,AVM,CDU

BO\_ 915 BCM\_VCU\_2: 8 BCM

SG\_ VCU\_CompressorPwrLimit : 21|6@0+ (100,0) [0|6000] "w" HVAC

SG\_ VCU\_CompressorPwrLimitAct : 32|1@0+ (1,0) [0|1] "" HVAC

SG\_ VCU\_PTCPwrLimit : 29|6@0+ (100,0) [0|6000] "w" HVAC

SG\_ VCU\_PTCrPwrLimitAct : 33|1@0+ (1,0) [0|1] "" HVAC

SG\_ VCU\_AirCompressorReq : 36|1@0+ (1,0) [0|1] "" HVAC

SG\_ VCU\_AirCompressorReqVD : 37|1@0+ (1,0) [0|1] "" HVAC

BO\_ 800 HVAC\_1: 8 HVAC

SG\_ HVAC\_AirCompressorSt : 2|3@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_CorrectedExterTempVD : 3|1@0+ (1,0) [0|1] "" BCM,CDU

SG\_ HVAC\_RawExterTempVD : 4|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_EngIdleStopProhibitReq : 5|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_ACSt : 6|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_ACmaxSt : 7|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_CorrectedExterTemp : 15|8@0+ (0.5,-40) [-40|87.5] "°C" BCM,CDU

SG\_ HVAC\_RawExterTemp : 23|8@0+ (0.5,-40) [-40|87.5] "°C" CDU

SG\_ HVAC\_TempSelect : 28|5@0+ (0.5,18) [18|32] "°C" CDU

SG\_ HVAC\_DualSt : 29|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_AutoSt : 30|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_Type : 31|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_WindExitMode : 34|3@0+ (1,0) [0|7] "" CDU

SG\_ HVAC\_SpdFanReq : 36|2@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_TelematicsSt : 42|3@0+ (1,0) [0|7] "" CDU

SG\_ HVAC\_AirCirculationSt : 46|2@0+ (1,0) [0|3] "" CDU

SG\_ HVAC\_PopUpDisplayReq : 47|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_DriverTempSelect : 53|5@0+ (0.5,18) [18|32] "°C" CDU

SG\_ HVAC\_IonMode : 55|2@0+ (1,0) [0|3] "" CDU

SG\_ HVAC\_WindExitSpd : 59|4@0+ (1,0) [0|15] "" CDU

SG\_ HVAC\_PsnTempSelect : 48|5@0+ (0.5,18) [18|32] "" CDU

BO\_ 801 HVAC\_2: 8 HVAC

SG\_ HVAC\_RawCabinTemp : 7|8@0+ (0.5,-40) [-40|87.5] "°C" CDU

SG\_ HVAC\_CorrectedCabinTemp : 15|8@0+ (0.5,-40) [-40|87.5] "°C" CDU

SG\_ HVAC\_RawCabinTempVD : 19|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_CompressorComsumpPwr : 17|10@0+ (10,0) [0|8000] "w" BCM

SG\_ HVAC\_PTCPwrAct : 33|10@0+ (10,0) [0|8000] "w" BCM

SG\_ HVAC\_stPTCAct : 55|3@0+ (1,0) [0|1] "" BCM

SG\_ HVAC\_CorrectedCabinTempVD : 18|1@0+ (1,0) [0|1] "" CDU

BO\_ 797 HVAC\_3: 8 HVAC

SG\_ HVAC\_ACCfgSt : 0|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_AirCirCfgSt : 1|1@0+ (1,0) [0|1] "" CDU

SG\_ HVAC\_ComfortCfgSt : 3|2@0+ (1,0) [0|1] "" CDU

BO\_ 864 HVAC\_4: 8 ACP

SG\_ HVAC\_ACPCommandVD : 0|1@0+ (1,0) [0|1] "" ACP

SG\_ HVAC\_ACPCommand : 2|2@0+ (1,0) [0|3] "" ACP

SG\_ HVAC\_ACPSpeedSet : 14|7@0+ (100,0) [0|8600] "" ACP

SG\_ HVAC\_ACPHighSidePress : 21|6@0+ (0.5,0) [0|31] "" ACP

SG\_ HVAC\_PTCPowerRatio : 31|8@0+ (1,0) [0|100] "" PTC

SG\_ HVAC\_Checksum : 39|8@0+ (1,0) [155|255] "" PTC

BO\_ 867 ACP\_1: 8 ACP

SG\_ ACP\_Speed : 6|7@0+ (100,0) [0|8600] "" HVAC

SG\_ ACPComsumpPwr : 15|10@0+ (10,0) [0|8000] "" HVAC

SG\_ ACP\_Current : 16|9@0+ (0.1,0) [0|51] "" HVAC

SG\_ ACP\_MotorTemp : 39|8@0+ (1,-40) [-40|140] "" HVAC

SG\_ ACP\_HearBeat : 55|4@0+ (1,0) [0|15] "" HVAC

SG\_ ACP\_ExtState : 58|3@0+ (1,0) [0|7] "" HVAC

SG\_ ACP\_FailGrade : 60|2@0+ (1,0) [0|3] "" HVAC

SG\_ ACP\_BaseState : 63|3@0+ (1,0) [0|7] "" HVAC

BO\_ 868 PTC\_1: 8 PTC

SG\_ PTC\_ElementError : 7|4@0+ (1,0) [0|15] "" HVAC

SG\_ PTC\_TemperatureOver : 3|1@0+ (1,0) [0|1] "" HVAC

SG\_ PTC\_VoltageFault : 2|1@0+ (1,0) [0|1] "" HVAC

SG\_ PTC\_InternalError : 1|2@0+ (1,0) [0|3] "" HVAC

SG\_ PTC\_Current : 15|8@0+ (0.2,0) [0|25.4] "A" HVAC

SG\_ PTCPwrAct : 23|10@0+ (10,0) [0|8000] "w" HVAC

SG\_ PTCActst : 26|3@0+ (1,0) [0|7] "" HVAC