Commonly Used Sensors For Moonbase Triggers

Sensor Name	Sensor Description	Sensor Value Range
ABSIndLampStatus	Indicates if the 'Anti lock brake service' light is on, indicating service required	0-3
AirbagIndLamp	AirbagIndLamp sensor is a state based component. It has one channel, which returns the AirbagIndLamp State	0-3
Altitude	Altitude of the vehicle	N/a
ATMPressure	Atmospheric pressure at the vehicle location	0-254
AutomaticOilChange	Light reminding customer of oil change	0-1
AverageTemp	Average temperature inside the vehicle	-40-40
AvgFuelEcon	Average fuel economy of the vehicle - deprecated, use Gas_Range	0-65535
AvgFuelLevel	Fuel level of the vehicle	0-255
Avg_Fuel_Econ	Average fuel economy	0-50
Battery	Voltage level of the battery	5-18
BatteryChargeSts	Charge level of battery	0-100
Battery_charge_stat	Battery charge indicator status	0-3
BrakeIndicationLampStatus	Indicates if the parking brake light is on	0-3
Course	Indicates the direction (heading) of the vehicle in 360 degrees	0-360
DoorLockStatus	Indicates the lock status of the four doors on the vehicle, with different values for each combination	0-3
Door_Ajar_Status	Indicates if any door is ajar on the vehicle, binary. Does not work on all vins	000000-111111
DriverBelt	Indicates if the driver seatbelt is fastened	0-3
E_CALL_BtnStat	Indicates if the emergency (SOS) button is pressed	0-3
ElectricSteeringFailSts	Indicates if there is a fault in the electric steering system	0-7
EngineCoolant	Temperature of engine coolant	-40-214
EngineOilTemp	Temperature of oil in engine	-40-160
EngineRPM	Current engine RPM	0-65535
EngineRunTime	Total time the engine has run	0-960
EngineSpeed	Current speed of the vehicle	0-8000

Engine_MIL_Stat	Indicates if there is a fault in the engine	0-3
ExteriorTemperature	Temperature outside the vehicle	-40-85
FrontFogLightSts	Indicates if the front fog lights are on	0-1
FuelLvlLow	Indicates if fuel level is low enough to inform customer	0-1
Gas_Range	Estimation of remaining km left until fuel runs out	0-1022
IgnOffTime	Time the vehicle's engine has been off for	0-4080
InstantFuelEcon	Fuel economy at the current RPM - use Gas_Range for reliable results	0-14200
Lane_Sense_Stat	Indicates if lanesense feature is activated	0-3
LatAcceleration_BSM	The current lateral acceleration of the vehicle	-40.92-40.92
Lat_Coord	Latitude of the vehicle	N/a
Latitude	Latitude of the vehicle	N/a
LongAcceleration_BSM	The current logitudinal acceleration of the vehicle	-40.92-40.92
Long_Coord	Longitude of the vehicle	N/a
Longitude	Longitude of the vehicle	N/a
LowWasherFluid	Indicates if the washer fluid is low enough to inform customer	0-1
MaintenanceReminderStatus	Indicates if maintenance indicator is on	0-4
Odometer	Odometer value. KM	0-1677721.4
OilTemp	Current temperature of oil in the vehicle	-40-160
OilLifeSts	Indicates if the oil life indicator is on	0-3
OilLifeLeft	Indicates the percentage of oil life left in the vehicle until service is required	0-100
PassengerBelt	Indicates if the passenger seatbelt is fastened	0-3
PowerMode	The state of the ignition being turned, 0 = IGN_LK \n1 = IGN_OFF \n2 = IGN_ACC \n3 = IGN_OFF_ACC \n4 = IGN_RUN \n5 = IGN_START \n	0-5
PresentGear	ear the vehicle is currently in. (high values e.g. 15 indicate park, reverse, neutral)	0-15
RemoteStart	Indicates if the vehicle is in remote start mode	0-1
RemoteStartInhibit	Indicates that remote start is currently disabled	0-255
Rollangle	The roll angle of the vehicle	-90-90
Speedometer	Value being displayed on the speedometer	0-511.9
SteeringWheelAngle	Angle at which the steering wheel is tilted	-2048-2047

TargetGear	Indicates the logical target gear for the transmission based on current driving behavior (high values e.g. 15 indicate park, reverse, neutral)	0-15
TirePressFL	Front left tire pressure. PSI	0-126
TirePressFR	Front right tire pressure.PSI	0-126
TirePressRL	Rear left tire pressure.PSI	0-126
TirePressRR	Rear right tire pressure.PSI	0-126
TransOverTemp	Indicates transmission temperature is above acceptable levels	0-1
TransmissionFailSts	Indicates fault is detected with the transmission	0-3
TransmissionWarnings	Indicates fault warning with the transmission	0-255
TurnInd_LT_ON	Indicates if left blinker is on	0-1
TurnInd_RT_ON	Indicates if right blinker is on	0-1
VehSpdDisp	Value displayed on the speedometer	0-65534
VehSpd_MPH	Indicates if the vehicle speed display is in MPH (vs KMPH)	0-1
LowWasherFluid	Indicates if the washer fluid is low enough to inform customer	0-1
WakeupReason	TBD	0-5
WheelPulse	TBD	000-254254254254
PitchAngle	Indicates the pitch angle (up/down) of the vehicle	-90-90
LanguageSelected	Indicates the language of the user in the vehicle (English = 1)	0-31
AirSuspensionStatus	The level of the air suspension (low = 1, high / offroad = 5)	0-5
WinPos_D_Sts	Indicates percentage open status of the driver-side window. Not available on all vins	0-100
WinPos_P_Sts	Indicates percentage open status of the passenger-side window.Not available on all vins	0-100