

KIA BMS Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	BMS
GENERAL	Cee'd (CD)	2019-2019	●
GENERAL	Cerato/Forte (BD)	2019-2019	●
GENERAL	Cerato/Forte (BDm)	2019-2020	●
GENERAL	K900 (RJ)	2019-2020	●
GENERAL	Niro (DE HEV)	2019-2019	●
GENERAL	Niro (DE HEV) -For Mexico	2018-2019	●
GENERAL	Optima (JF)	2019-2020	●
GENERAL	Optima (JFA) -For Central And South America	2019-2020	●
GENERAL	Soul EV (SK3 EV)	2019-2020	●
GENERAL	Soul EV (SK3 EV) -For Mexico	2019-2020	●
GENERAL	Soul (SK3)	2019-2020	●
GENERAL	Soul (SK3) -For Mexico	2019-2020	●
GENERAL	Stinger (CK)	2018-2019	●
GENERAL	Telluride (ON)	2020-2020	●
GENERAL	Telluride (ON) -For Mexico	2020-2020	●
USA	Forte (BDm)	2019-2019	●
USA	K900 (RJ)	2019-2019	●
USA	Niro (DE HEV)	2018-2019	●
USA	Optima Hybrid (TF HEV)	2011-2016	●
USA	Optima (JFA)	2019-2019	●
USA	Soul EV (SK3 EV)	2019-2020	●
USA	Soul (SK3)	2019-2020	●
USA	Stinger (CK)	2018-2019	●
USA	Telluride (ON)	2020-2020	●

BMS Function List

Battery Discharge Warning History Check

Battery Inspection

Check the 12V battery status

Inspection of 12V Battery Status

KIA Diagnostic Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	System	EcuInfo	ReadCodes	EraseCodes	LiveData	ActTest				
GENERAL	Besta (TP)	1997-2003	ECM (Engine Control Module)	○	●	●	●	●				
			AC (Air Conditioning)	●	●	●	●	●				
			ADM (Assist Door Module)	●	●	●	●	●				
			AFLS (Adaptive Front Lighting System)	●	●	●	●	●				
			AHLS (Auto Headlamp Leveling System)	●	●	●	●	●				
			BCM (Body Control Module)	●	●	●	●	●				
			BSD (Blind Spot Detection)	●	●	●	●	●				
			CCS (Cruise Control System)	●	●	●	●	○				
			CODE (Smart key Code Saving)	○	○	○	●	○				
			DDM (Driver Door Module)	●	●	●	●	●				
			ECM (Engine Control Module)	●	●	●	●	●				
			EPB (Electric Parking Brake)	●	●	●	●	●				
			ESP (Electronic Stability Program)	●	●	●	●	●				
			HSM (Haptic Seat Module)	●	●	●	●	●				
	IC (Instrument Cluster)	●	●	●	●	●						
	IMMO (Immobilizer)	○	○	○	●	○						
	GENERAL	Cadenza (VG)	2010-2016	LDWS (Lane Departure Warning System)	●	●	●	●	○			
				PDM (Power Distribution Module)	●	●	●	●	●			
				PSM (Power Seat Module)	●	●	●	●	●			
				PWS (Power Steering)	●	●	●	●	○			
				SCM (Steering Column Module)	●	●	●	●	●			
				SMK (Smart key Unit)	●	●	●	●	●			
				SPAS (Smart Parking Assist System)	●	●	●	●	●			
				SRS (Supplemental Inflatable Restraint System)	●	●	●	●	○			
				SVMS (Surround View Monitor System)	●	●	●	●	●			
				TCM (Transmission Control Module)	●	●	●	●	●			
				TCODE (Transmitter Code Saving)	○	○	○	●	○			
				TPMS (Tire Pressure Monitoring System)	●	●	●	●	●			
				GENERAL	Cadenza (YG)	2017-2019	ABS (Anti-Lock Brake System)	●	●	●	●	●
							AC (Air Conditioning)	●	●	●	●	●
							ADM (Assist Door Module)	●	●	●	●	●
							AEB (Assist Emergency Braking System)	●	●	●	●	○
							AHLS (Auto Headlamp Leveling System)	●	●	●	●	●
							BCM (Body Control Module)	●	●	●	●	●
BSD (Blind Spot Detection)							●	●	●	●	○	
DDM (Driver Door Module)							●	●	●	●	●	
E-Call	●	●	●				○	○				
ECM (Engine Control Module)	●	●	●				●	●				
HUD (Head Up Display)	●	●	●				●	○				
IC (Instrument Cluster)	●	●	●				●	●				
IGPCM (Integrated Gateway Power Control Module)	●	●	●				●	●				
IMMO (Immobilizer)	○	●	●				●	○				
MDPS (Motor Driven Power Steering)	●	●	●				●	○				
MFC (Multi-Function Camera)	●	●	●				●	○				
PGS (Parking Guide System)	●	●	●				●	○				
PSM (Power Seat Module)	●	●	●				●	●				
PTM (Power Trunk Module)	●	●	●				●	○				
SCM (Steering Column Module)	●	●	●				●	●				
SMK (Smart key Unit)	●	●	●	●	●							
SRS (Supplemental Inflatable Restraint System)	●	●	●	●	○							
SVMS (Surround View Monitor System)	●	●	●	●	●							
TCM (Transmission Control Module)	●	●	●	●	●							
TCODE (Transmitter Code Saving)	○	○	○	●	○							
TPMS (Tire Pressure Monitoring System)	●	●	●	●	○							
WPC (Wireless Power Charger)	●	●	●	●	●							
GENERAL	Carens (FJ)	2000-2007	ABS (Anti-Lock Brake System)	●	●	●	●	●				
			ECM (Engine Control Module)	●	●	●	●	●				
			IMMO (Immobilizer)	○	○	○	●	○				
			SRS (Supplemental Inflatable Restraint System)	●	●	●	●	○				
GENERAL	Carens (UN)	2007-2013	TCM (Transmission Control Module)	●	●	●	●	●				
			ABS (Anti-Lock Brake System)	●	●	●	●	●				
			AC (Air Conditioning)	●	●	●	●	●				
			BCM (Body Control Module)	●	○	○	●	●				
			ECM (Engine Control Module)	●	●	●	●	●				
			IMMO (Immobilizer)	○	○	○	●	○				
GENERAL	Carens/Rondo (RP)	2014-2019	SRS (Supplemental Inflatable Restraint System)	●	●	●	●	○				
			TCM (Transmission Control Module)	●	●	●	●	●				
			TCODE (Transmitter Code Saving)	○	○	○	●	○				
			AC (Air Conditioning)	●	●	●	●	●				
			AHLS (Auto Headlamp Leveling System)	●	●	●	●	●				
			BCM (Body Control Module)	●	●	●	●	●				
			BSD (Blind Spot Detection)	●	●	●	●	●				
			DCT (Dual Clutch Transmission)	●	●	●	●	●				
			ECM (Engine Control Module)	●	●	●	●	●				
			EPB (Electric Parking Brake)	●	●	●	●	●				
			ESP (Electronic Stability Program)	●	●	●	●	●				
			IC (Instrument Cluster)	●	●	●	●	●				
			IMMO (Immobilizer)	○	●	●	●	○				
			LDWS (Lane Departure Warning System)	●	●	●	●	○				
			MDPS (Motor Driven Power Steering)	●	●	●	●	○				
			MFC (Multi-Function Camera)	●	●	●	●	○				
			SJB (Smart Junction Block)	●	●	●	●	●				
			SMK (Smart key Unit)	●	●	●	●	●				
			SPAS (Smart Parking Assist System)	●	●	●	●	●				
			SRS (Supplemental Inflatable Restraint System)	●	●	●	●	○				
TCM (Transmission Control Module)	●	●	●	●	●							
TCODE (Transmitter Code Saving)	○	○	○	●	○							
TPMS (Tire Pressure Monitoring System)	●	●	●	●	●							
			AC (Air Conditioning)	●	●	●	●	●				
			ADM (Assist Door Module)	●	●	●	●	●				

GENERAL	Carnival (YP)	2016-2019	AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AVMS(Around View Monitor System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSD(Power Sliding Door)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			PTG(Power Tail Gate)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	○			
GENERAL	Carnival/Sedona (GQ)	1998-2006	ABS(Anti-Lock Brake System)	●	●	●	●	●
			ECM(Engine Control Module)	○	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
GENERAL	Carnival/Sedona (VQ)	2006-2015	TCM(Transmission Control Module)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	○	●	●	●	●
			DDM(Driver Door Module)	○	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			FAM(Front Area Module)	○	●	●	●	●
			FFH(Fuel Fired Heater)	○	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			IMS(Integrated Memory System)	○	●	●	●	●
			IPM(Instrument Panel Module)	○	●	●	●	●
			PSD(Power Sliding Door)	●	●	●	●	○
			PTG(Power Tail Gate)	●	●	●	●	○
			RAM(Rear Area Module)	○	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
TCM(Transmission Control Module)	●	●	●	●	○			
GENERAL	Carnival/Sedona (YP)	2015-2019	TCODE(Transmitter Code Saving)	○	○	○	●	○
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			FAA(Front Anti-Collision Assistance)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSD(Power Sliding Door)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			PTG(Power Tail Gate)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SCR(Selective Catalytic Reduction)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SVMS(Surround View Monitor System)	●	●	●	●	●
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	○			
GENERAL	Cee' d(CD)	2019-2019	AAF(Active Air Flap)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESG(Electronic Sound Generator)	●	●	●	○	○
			FCA(Forward Collision-Avoidance Assist)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			PTG(Power Tail Gate)	●	●	●	●	○
			RVM(Rear View Monitor)	●	●	●	●	○
			RWPC(Rear Wireless Power Charger)	●	●	●	●	●
SCR(Selective Catalytic Reduction)	●	●	●	●	●			
SMK(Smart key Unit)	●	●	●	●	●			

			SPAS(Smart Parking Assist System)	●	●	●	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	○	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
GENERAL	Cee' d (ED)	2006-2013	AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	○	○	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
GENERAL	Cee' d (JD)	2013-2018	AC(Air Conditioning)	●	●	●	●	●
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			DCT(Dual Clutch Transmission)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
GENERAL	Cerato (LD)	2003-2009	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
GENERAL	Cerato/Forte (BD)	2019-2019	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			FCA(Forward Collision-Avoidance Assist)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			RVM(Rear View Monitor)	●	●	●	●	○
			RWPC(Rear Wireless Power Charger)	●	●	●	●	●
			SCR(Selective Catalytic Reduction)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
GENERAL	Cerato/Forte (BDm)	2019-2020	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			RVM(Rear View Monitor)	●	●	●	●	○
			RWPC(Rear Wireless Power Charger)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			GENERAL	Cerato/Forte (TD)	2009-2013	AC(Air Conditioning)	●	●
BCM(Body Control Module)	●	○				○	●	●
CODE(Smart key Code Saving)	○	○				○	●	○
ECM(Engine Control Module)	●	●				●	●	●
ESP(Electronic Stability Program)	●	●				●	●	●
IMMO(Immobilizer)	○	○				○	●	○
PDM(Power Distribution Module)	●	●				●	●	●
PWS(Power Steering)	●	●				●	●	○
SMK(Smart key Unit)	●	●				●	●	●
SRS(Supplemental inflatable Restraint System)	●	●				●	●	○
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
			AC(Air Conditioning)	●	●	●	●	○
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●

GENERAL	Cerato/Forte (YD)	2013-2019	BSD(Blind Spot Detection)	●	●	●	●	●
			DCT(Dual Clutch Transmission)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCODE(Transmitter Code Saving)	○	○	○	●	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
GENERAL	Cerato/Forte (YDm)	2017-2019	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SCC(Smart Cruise Control)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
GENERAL	Joice (N0)	1999-2002	ABS(Anti-Lock Brake System)	○	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
GENERAL	K2500/K2700/ K3000/K3000S (PU)	2004-2019	SRS(Supplemental inflatable Restraint System)	●	●	●	○	○
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
GENERAL	K2500/K2700/ K3000/K3000S (PU)	2004-2019	IMMO(Immobilizer)	○	○	○	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
GENERAL	K900 (RJ)	2019-2020	4WD Control	●	●	●	●	●
			AAF(Active Air Flap)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			APSM(Assist Power Seat Module)	●	●	●	●	●
			AVMS(Around View Monitor System)	●	●	●	●	●
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			CCP(Central Control Panel)	●	●	●	○	○
			DDM(Driver Door Module)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			ECS(Electronic Control Suspension)	●	●	●	●	○
			EDSM(Electronic Driver Seat Module)	●	●	●	●	●
			ESAM(Electronic Asistant Seat Module)	●	●	●	●	●
			E-Shifter	●	●	●	●	●
			FCA(Forward Collision-Avoidance Assist)	●	●	●	●	○
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			MFS(Multi Function Switch)	●	●	●	●	○
			MLM(Mood Lamp Module)	●	●	●	●	●
			ODS(Occupant Detection Sensor)	●	●	●	●	○
			PSB(Pre-safe Seat Belt)	●	●	●	●	●
			PSM(Power Seat Module)	●	●	●	●	●
			PTM(Power Trunk Module)	●	●	●	●	○
			RRC(Rear Remote Controller)	●	●	●	○	○
			RVM(Rear View Monitor)	●	●	●	●	○
			RWPC(Rear Wireless Power Charger)	●	●	●	●	●
SCM(Steering Column Module)	●	●	●	●	●			
SMK(Smart key Unit)	●	●	●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
SWRC(Steering Wheel Remote Control)	●	●	●	○	○			
TCM(Transmission Control Module)	●	●	●	●	●			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	○			
GENERAL	Mohave/Borrego (HM)	2009-2019	4WD Control - EST	●	●	●	●	○
			4WD Control - TOD	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	○
			BSD(Blind Spot Detection)	●	●	●	●	●
			DDM(Driver Door Module)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			ECS(Electronic Control Suspension)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			FAM(Front Area Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
IPM(Instrument Panel Module)	●	●	●	●	●			
MDPS(Motor Driven Power Steering)	●	●	●	●	○			

GENERAL	Niro(DE EV)	2019-2019	MFC(Multi-Function Camera)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			RAM(Rear Area Module)	●	●	●	●	●
			SCM(Steering Column Module)	●	●	●	●	●
			SCR(Selective Catalytic Reduction)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SVMS(Surround View Monitor System)	●	●	●	●	●
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			AAF(Active Air Flap)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
ADM(Assist Door Module)	●	●	●	●	●			
BCM(Body Control Module)	●	●	●	●	●			
BCW(Blind-Spot Collision Warning)	●	●	●	●	●			
BMS(EV Battery Management System)	●	●	●	●	●			
CCM(Charging Control Module)	●	●	●	●	○			
DDM(Driver Door Module)	●	●	●	●	●			
E-Shifter	●	●	●	●	○			
FATC(Full Auto Air Temperature Control)	●	●	●	●	●			
FCA(Forward Collision-Avoidance Assist)	●	●	●	●	○			
IC(Instrument Cluster)	●	●	●	●	●			
IGPCM(Integrated Gateway Power Control Module)	●	●	●	●	●			
MCS(EV Motor Control System)	●	●	●	●	●			
MDPS(Motor Driven Power Steering)	●	●	●	●	○			
MFC(Multi-Function Camera)	●	●	●	●	○			
MLM(Mood Lamp Module)	●	●	●	●	●			
OBC(On Board Charger)	●	●	●	●	○			
OCS(Occupant Classification System)	●	●	●	●	○			
PSM(Power Seat Module)	●	●	●	●	●			
RVM(Rear View Monitor)	●	●	●	●	○			
SMK(Smart key Unit)	●	●	●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
VCU(Vehicle Control System)	●	●	●	●	●			
VESS(Virtual Engine Sound System)	●	●	●	○	●			
WPC(Wireless Power Charger)	●	●	●	●	●			
GENERAL	Niro(DE HEV)	2016-2019	AAF(Active Air Flap)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BMS(HEV Battery Management System)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			DCT(Dual Clutch Transmission)	●	●	●	●	●
			DDM(Driver Door Module)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			HCS(HEV Control System)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IGPCM(Integrated Gateway Power Control Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MCS(HEV Motor Control System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
VESS(Virtual Engine Sound System)	●	●	●	○	●			
WPC(Wireless Power Charger)	●	●	●	●	●			
GENERAL	Niro(DE HEV) -For Mexico	2017-2019	AAF(Active Air Flap)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BMS(HEV Battery Management System)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			DDM(Driver Door Module)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			HCS(HEV Control System)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IGPCM(Integrated Gateway Power Control Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MCS(HEV Motor Control System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			VESS(Virtual Engine Sound System)	●	●	●	○	●
WPC(Wireless Power Charger)	●	●	●	●	●			
			AAF(Active Air Flap)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○

GENERAL	Niro (DE PHEV)	2018-2019	AHLS (Auto Headlamp Leveling System)	●	●	●	●	●			
			BCM (Body Control Module)	●	●	●	●	●			
			BMS (PHEV Battery Management System)	●	●	●	●	●			
			BSD (Blind Spot Detection)	●	●	●	●	●			
			DCT (Dual Clutch Transmission)	●	●	●	●	●			
			DDM (Driver Door Module)	●	●	●	●	●			
			E-Call	●	●	●	○	○			
			ECM (Engine Control Module)	●	●	●	●	●			
			ESC (Electronic Stability Control)	●	●	●	●	●			
			HCU (Hybrid Control Unit)	●	●	●	●	●			
			IC (Instrument Cluster)	●	●	●	●	●			
			IGPCM (Integrated Gateway Power Control Module)	●	●	●	●	●			
			IMMO (Immobilizer)	○	●	●	●	○			
			MCS (PHEV Motor Control System)	●	●	●	●	○			
			MDPS (Motor Driven Power Steering)	●	●	●	●	○			
			MFC (Multi-Function Camera)	●	●	●	●	○			
			OBC (On Board Charger)	●	●	●	●	○			
			PGS (Parking Guide System)	●	●	●	●	○			
			PSM (Power Seat Module)	●	●	●	●	●			
			SMK (Smart key Unit)	●	●	●	●	●			
			SRS (Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCODE (Transmitter Code Saving)	○	○	○	●	○			
			TPMS (Tire Pressure Monitoring System)	●	●	●	●	○			
			VESS (Virtual Engine Sound System)	●	●	●	○	●			
			WPC (Wireless Power Charger)	●	●	●	●	●			
			GENERAL	Niro (DE PHEV) -For Mexico	2017-2019	AAF (Active Air Flap)	●	●	●	●	●
AC (Air Conditioning)	●	●				●	●	●			
ADM (Assist Door Module)	●	●				●	●	●			
AEB (Autonomous Emergency Braking System)	●	●				●	●	○			
BCM (Body Control Module)	●	●				●	●	●			
BMS (PHEV Battery Management System)	●	●				●	●	●			
BSD (Blind Spot Detection)	●	●				●	●	●			
DDM (Driver Door Module)	●	●				●	●	●			
E-Call	●	●				●	○	○			
ECM (Engine Control Module)	●	●				●	●	●			
ESC (Electronic Stability Control)	●	●				●	●	●			
HCU (Hybrid Control Unit)	●	●				●	●	●			
IC (Instrument Cluster)	●	●				●	●	●			
IGPCM (Integrated Gateway Power Control Module)	●	●				●	●	●			
IMMO (Immobilizer)	○	●				●	●	○			
MCS (PHEV Motor Control System)	●	●				●	●	○			
MDPS (Motor Driven Power Steering)	●	●				●	●	○			
MFC (Multi-Function Camera)	●	●				●	●	○			
OBC (On Board Charger)	●	●				●	●	○			
PGS (Parking Guide System)	●	●				●	●	○			
PSM (Power Seat Module)	●	●				●	●	●			
SMK (Smart key Unit)	●	●				●	●	●			
SRS (Supplemental inflatable Restraint System)	●	●				●	●	○			
TCM (Transmission Control Module)	●	●				●	●	●			
TCODE (Transmitter Code Saving)	○	○				○	●	○			
TPMS (Tire Pressure Monitoring System)	●	●				●	●	○			
VESS (Virtual Engine Sound System)	●	●	●	○	●						
WPC (Wireless Power Charger)	●	●	●	●	●						
GENERAL	Opirus (GH)	2004-2010	AC (Air Conditioning)	●	●	●	●	●			
			AHLS (Auto Headlamp Leveling System)	●	●	●	●	○			
			BCM (Body Control Module)	●	●	●	●	●			
			CODE (Smart key Code Saving)	○	○	○	●	○			
			ECM (Engine Control Module)	●	●	●	●	●			
			ECS (Electronic Control Suspension)	●	●	●	●	●			
			EPS (Electronic Power Steering)	●	●	●	●	○			
			ESP (Electronic Stability Program)	●	●	●	●	●			
			IFU (Interface Unit)	●	●	●	●	●			
			IMMO (Immobilizer)	○	○	○	●	○			
			PDM (Power Distribution Module)	●	●	●	●	●			
			PSM (Power Seat Module)	○	●	●	●	●			
			PWA (Power Window Assistance)	○	●	●	●	●			
			PWM (Power Window Main)	○	●	●	●	●			
			SMK (Smart key Unit)	●	●	●	●	●			
			SRS (Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCM (Transmission Control Module)	●	●	●	●	●			
			TCODE (Transmitter Code Saving)	○	○	○	●	○			
			TILT (Tilt/Telescope)	○	○	○	●	○			
			GENERAL	Optima (JF)	2016-2020	AC (Air Conditioning)	●	●	●	●	●
						ADM (Assist Door Module)	●	●	●	●	●
						AEB (Autonomous Emergency Braking System)	●	●	●	●	○
						AFLS (Adaptive Front Lighting System)	●	●	●	●	●
						AHLS (Auto Headlamp Leveling System)	●	●	●	●	●
						BCM (Body Control Module)	●	●	●	●	●
						BSD (Blind Spot Detection)	●	●	●	●	●
DDM (Driver Door Module)	●	●				●	●	●			
E-Call	●	●				●	○	○			
ECM (Engine Control Module)	●	●				●	●	●			
ECS (Electronic Control Suspension)	●	●				●	●	○			
EPB (Electric Parking Brake)	●	●				●	●	●			
ESP (Electronic Stability Program)	●	●				●	●	●			
IC (Instrument Cluster)	●	●				●	●	●			
IMMO (Immobilizer)	○	●				●	●	○			
MDPS (Motor Driven Power Steering)	●	●				●	●	○			
MFC (Multi-Function Camera)	●	●				●	●	○			
PGS (Parking Guide System)	●	●				●	●	○			
PSM (Power Seat Module)	●	●				●	●	●			
PTG (Power Tail Gate)	●	●				●	●	○			
SCC (Smart Cruise Control)	●	●				●	●	○			
SJB (Smart Junction Block)	●	●				●	●	●			
SMK (Smart key Unit)	●	●				●	●	●			
SPAS (Smart Parking Assist System)	●	●				●	●	○			
SRS (Supplemental inflatable Restraint System)	●	●				●	●	○			
SVMS (Surround View Monitor System)	●	●				●	●	●			

			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			VESS(Virtual Engine Sound System)	●	●	●	○	○
			WPC(Wireless Power Charger)	●	●	●	●	●
GENERAL	Optima HEV (JF HEV)	2016-2019	AAF(Active Air Flap)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BMS(Battery Management System)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			CGW(Central Gateway)	●	●	●	○	○
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			HCU(Hybrid Control Unit)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			MCS(HEV Motor Control System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SVMS(Surround View Monitor System)	●	●	●	●	●
			TCM(Transmission Control Module)	●	●	●	●	●
			TMU(Telematics Unit)	●	●	●	○	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			VESS(Virtual Engine Sound System)	●	●	●	○	●
			WPC(Wireless Power Charger)	●	●	●	●	●
GENERAL	Optima HEV (TF HEV)	2012-2015	AAF(Active Air Flap)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHB(Active Hydraulic Booster)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BMS(HEV Battery Management System)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			HCS(HEV Control System)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			LDS(Low DC/DC Converter)	●	●	●	●	○
			LRAS(Lane Keeping Assist System)	●	●	●	●	○
			MCS(HEV Motor Control System)	●	●	●	●	●
			PSM(Power Seat Module)	●	●	●	●	●
			PWS(Power Steering)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	●
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
GENERAL	Optima PHEV (JF PHEV)	2016-2019	AAF(Active Air Flap)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BMS(HEV Battery Management System)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			CGW(Central Gateway)	●	●	●	○	○
			DDM(Driver Door Module)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			HCU(Hybrid Control Unit)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			LDWS(Lane Departure Warning System)	●	●	●	●	○
			MCS(HEV Motor Control System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			OBC(On Board Charger)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			PTG(Power Tail Gate)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	○
			SRS(Supplemental Inflatable Restraint System)	●	●	●	●	○
			SVMS(Surround View Monitor System)	●	●	●	●	●
			TCM(Transmission Control Module)	●	●	●	●	●
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
VESS(Virtual Engine Sound System)	●	●	●	○	●			
WPC(Wireless Power Charger)	●	●	●	●	●			
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●



GENERAL	Optima (JFA) - For Central And South America	2016-2020	BSD(Blind Spot Detection)	●	●	●	●	●
			CCS(Cruise Control System)	●	●	●	●	○
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			LKAS(Lane Keeping Assist System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			ODS(Occupant Detection Sensor)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SVMS(Surround View Monitor System)	●	●	●	●	●
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	●			
GENERAL	Optima (QF) -For Central and South America	2011-2015	AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PKB(Parking Brake)	●	●	●	●	●
			PSM(Power Seat Module)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TMU(Telematics Unit)	●	●	●	○	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WCS(Weight Classification System)	●	●	●	●	○			
GENERAL	Optima (TF)	2011-2016	AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			LKAS(Lane Keeping Assist System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
GENERAL	Optima/Magentis (MG)	2006-2010	AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	○	○	●	●
			CODE(Smart key Code Saving)	○	○	○	●	○
			ECM(Engine Control Module)	●	●	●	●	●
			ECS(Electronic Control Suspension)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			PDM(Power Distribution Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
TCM(Transmission Control Module)	●	●	●	●	○			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
GENERAL	Optima/Magentis (MS)	2001-2006	ABS(Anti-Lock Brake System)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
GENERAL	Pegas/Soluto (AB)	2018-2020	ABS(Anti-Lock Brake System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
GENERAL	Picanto (SA)	2003-2011	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPS(Electronic Power Steering)	●	●	●	●	○
			IMMO(Immobilizer)	○	○	○	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCM(Transmission Control Module)	●	●	●	●	●			
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●

GENERAL	Picanto(TA)	2012-2019	IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	○	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
GENERAL	Picanto/Morning(JA)	2018-2019	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			SLM(Seat Belt Reminder Lighting Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
TCODE(Transmitter Code Saving)	○	○	○	○	○			
GENERAL	Pregio(FP)	1997-2006	TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			ECM(Engine Control Module)	○	○	○	○	○
GENERAL	Quoris(KH)	2013-2018	IMMO(Immobilizer)	○	○	○	○	○
			AAF(Active Air Flap)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			APSM(Assist Power Seat Module)	●	●	●	●	●
			AVMS(Around View Monitor System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			CCS(Cruise Control System)	●	●	●	●	○
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ECS(Electronic Control Suspension)	●	●	●	●	○
			EPB(Electric Parking Brake)	●	●	●	●	●
			EPS(Electronic Hydraulic Power Steering System)	●	●	●	●	○
			E-Shifter	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			FSJB(Front Smart Junction Block)	●	●	●	●	●
			HUD(Head Up Display)	●	●	●	○	○
			IC(Instrument Cluster)	●	●	●	●	●
			LDWS(Lane Departure Warning System)	●	●	●	●	○
			MFS(Multi Function Switch)	●	●	●	●	○
			PSB(Pre-safe Seat Belt)	●	●	●	●	●
			PSM(Power Seat Module)	●	●	●	●	●
			PTM(Power Trunk Module)	●	●	●	●	○
			RSJB(Rear Smart Junction Block)	●	●	●	●	●
			SCM(Steering Column Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SVMS(Surround View Monitor System)	●	●	●	●	●
			SWRC(Steering Wheel Remote Control)	●	●	●	●	○
TCM(Transmission Control Module)	●	●	●	●	●			
GENERAL	RIO(BC)	2000-2013	TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			ABS(Anti-Lock Brake System)	○	●	●	●	●
GENERAL	RIO(FB)	2018-2019	ECM(Engine Control Module)	○	○	○	○	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	○	○	○	○	○
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	○	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			SLM(Seat Belt Reminder Lighting Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
GENERAL	RIO(JB)	2005-2012	TCM(Transmission Control Module)	○	○	○	○	○
			ABS(Anti-Lock Brake System)	●	●	●	●	○
GENERAL	RIO(QBR)	2012-2018	ECM(Engine Control Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	○	○
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	○	○
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●
ECM(Engine Control Module)	●	●	●	●	●			
			IC(Instrument Cluster)	●	●	●	●	●
				●	●	●	●	●

GENERAL	RIO (SC)	2017-2020	IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			SLM(Seat Belt Reminder Lighting Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
GENERAL	RIO (UB)	2012-2018	TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	●
GENERAL	RIO (YB)	2017-2020	SMK(Smart key Unit)	●	●	●	●	●
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●
GENERAL	Sephia II (FB22)	1998-2004	BSD(Blind Spot Detection)	●	●	●	●	●
			DCT(Dual Clutch Transmission)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
GENERAL	Shuma/Spectra (SD)	1999-2004	SLM(Seat Belt Reminder Lighting Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	○	●	●	●	○
			ECM(Engine Control Module)	○	●	●	●	○
			TCM(Transmission Control Module)	○	●	●	●	○
GENERAL	Sorento (BL)	2002-2010	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	○	○	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPS(Electronic Power Steering)	●	●	●	●	○
			FFH(Fuel Fired Heater)	○	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
GENERAL	Sorento (UM)	2015-2020	TCM(Transmission Control Module)	●	●	●	●	○
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			4WD Control	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
GENERAL	Sorento (UM)	2015-2020	AHS(Active Hood System)	●	●	●	○	○
			AVMS(Around View Monitor System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			CGW(Central Gateway)	●	●	●	○	○
			DDM(Driver Door Module)	●	●	●	●	○
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
GENERAL	Sorento (UM)	2015-2020	EPB(Electric Parking Brake)	●	●	●	●	●
			FCA(Forward Collision-Avoidance Assist)	●	●	●	●	○
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	○
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
GENERAL	Sorento (UM)	2015-2020	PTG(Power Tail Gate)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SCR(Selective Catalytic Reduction)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SWRC(Steering Wheel Remote Control)	●	●	●	○	○
GENERAL	Sorento (UM)	2015-2020	TCM(Transmission Control Module)	●	●	●	●	○
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			WPC(Wireless Power Charger)	●	●	●	●	●
			4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
GENERAL	Sorento (UM)	2015-2020	AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●

GENERAL	Sorento (UMA) -For Central And South America	2016-2019	BSD(Blind Spot Detection)	●	●	●	●	●
			CGW(Central Gateway)	●	●	●	○	○
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			PTG(Power Tail Gate)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SVMS(Surround View Monitor System)	●	●	●	●	○
			SWRC(Steering Wheel Remote Control)	●	●	●	○	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	○	○
TMU(Telematics Unit)	○	●	●	○	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
GENERAL	Sorento (XM)	2009-2015	4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AHS(Active Hood System)	●	●	●	○	○
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			LDWS(Lane Departure Warning System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SVR(Service Reminder)	●	○	○	○	○
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
GENERAL	Sorento (XMA) -For Central and South America	2011-2015	4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PTM(Power Trunk Module)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TMU(Telematics Unit)	●	●	●	○	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
WCS(Weight Classification System)	●	●	●	●	○			
GENERAL	Soul EV (PS EV)	2015-2019	AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BMS(HEV Battery Management System)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			LDS(Low DC/DC Converter)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			OBC(On Board Charger)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			VMCS(Vehicle Motor Control System)	●	●	●	●	●
GENERAL	Soul EV (SK3 EV)	2019-2020	AAF(Active Air Flap)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			BMS(EV Battery Management System)	●	●	●	●	●
			CCM(Charging Control Module)	●	●	●	●	○
			E-Call - Europe	●	●	●	●	○
			E-Call - Russia	●	●	●	○	○
			E-Shifter	●	●	●	●	○
			FVC(Front View Camera)	●	●	●	●	○
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			MCS(EV Motor Control System)	●	●	●	●	●
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			OBC(On Board Charger)	●	●	●	●	○
			ODS(Occupant Detection Sensor)	●	●	●	●	○
			RVM(Rear View Monitor)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SML(Sound Mood Lamp)	●	●	●	○	○
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			

			VCU(Vehicle Control System)	●	●	●	●	●
			VESS(Virtual Engine Sound System)	●	●	●	○	●
			WPC(Wireless Power Charger)	●	●	●	●	●
GENERAL	Soul EV(SK3 EV)-For Mexico	2019-2020	AAF(Active Air Flap)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			BMS(EV Battery Management System)	●	●	●	●	●
			CCM(Charging Control Module)	●	●	●	●	○
			E-Call - Europe	●	●	●	●	○
			E-Call - Russia	●	●	●	○	○
			E-Shifter	●	●	●	●	○
			FVC(Front View Camera)	●	●	●	●	○
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			MCS(EV Motor Control System)	●	●	●	●	●
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			OBC(On Board Charger)	●	●	●	●	○
			ODS(Occupant Detection Sensor)	●	●	●	●	○
			RVM(Rear View Monitor)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SML(Sound Mood Lamp)	●	●	●	○	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			VCU(Vehicle Control System)	●	●	●	●	●
VESS(Virtual Engine Sound System)	●	●	●	○	●			
WPC(Wireless Power Charger)	●	●	●	●	●			
GENERAL	Soul1 (AM)	2009-2014	AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	○	○	●	●
			CODE(Smart key Code Saving)	○	○	○	●	○
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PDM(Power Distribution Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			GENERAL	Soul1 (PS)	2013-2019	AC(Air Conditioning)	●	●
ABE(Assist Emergency Braking System)	●	●				●	●	○
AHLS(Auto Headlamp Leveling System)	●	●				●	●	●
BSD(Blind Spot Detection)	●	●				●	●	●
DCT(Dual Clutch Transmission)	●	●				●	●	●
E-Call	●	●				●	○	○
ECM(Engine Control Module)	●	●				●	●	●
ESC(Electronic Stability Control)	●	●				●	●	●
IC(Instrument Cluster)	●	●				●	●	●
IMMO(Immobilizer)	○	●				●	●	○
IPM(Instrument Panel Module)	●	●				●	●	●
LDWS(Lane Departure Warning System)	●	●				●	●	○
MDPS(Motor Driven Power Steering)	●	●				●	●	○
SCC(Smart Cruise Control)	●	●				●	●	○
STB(Smart Junction Block)	●	●				●	●	●
SMK(Smart key Unit)	●	●				●	●	●
SPAS(Smart Parking Assist System)	●	●				●	●	○
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
GENERAL	Soul(PS)-For Mexico	2016-2019	AC(Air Conditioning)	●	●	●	●	●
			ABE(Autonomous Emergency Braking System)	●	●	●	●	○
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			IPM(Instrument Panel Module)	●	●	●	●	●
			LDWS(Lane Departure Warning System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			STB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
TCM(Transmission Control Module)	●	●	●	●	○			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
GENERAL	Soul (SK3)	2019-2020	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			FVC(Front View Camera)	●	●	●	●	○
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○

			ODS(Occupant Detection Sensor)	●	●	●	●	○
			RVM(Rear View Monitor)	●	●	●	●	○
			RWPC(Rear Wireless Power Charger)	●	●	●	●	●
			SCC(Smart Cruise Control)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SML(Sound Mood Lamp)	●	●	●	○	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
GENERAL	Soul(SK3)-For Mexico	2019-2020	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			FVC(Front View Camera)	●	●	●	●	○
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			ODS(Occupant Detection Sensor)	●	●	●	●	○
			RVM(Rear View Monitor)	●	●	●	●	○
			RWPC(Rear Wireless Power Charger)	●	●	●	●	●
			SCC(Smart Cruise Control)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SML(Sound Mood Lamp)	●	●	●	○	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
GENERAL	Sportage(AL)	1998-2004	ABS(Anti-Lock Brake System)	●	●	●	●	●
			ECM(Engine Control Module)	○	●	●	●	○
			TCM(Transmission Control Module)	○	●	●	●	○
GENERAL	Sportage(KM)	2005-2010	4WD Control	●	●	●	○	○
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ETACS(Electronic Time and Alarm Control System)	●	○	○	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
GENERAL	Sportage(QL)	2016-2019	4WD Control	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			ODS(Occupant Detection Sensor)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PTG(Power Tail Gate)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SCR(Selective Catalytic Reduction)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	○
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	●			
GENERAL	Sportage(QL)-For Mexico	2019-2019	4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			ASCC(Advanced Smart Cruise Control)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			FVC(Front View Camera)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PTG(Power Tail Gate)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	●			
			4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AVMS(Around View Monitor System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
BCW(Blind-Spot Collision Warning)	●	●	●	●	●			

GENERAL	Sportage (QLE)	2016-2019	E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			LDS(Low DC/DC Converter)	●	●	●	●	●
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PTG(Power Tail Gate)	●	●	●	●	○
			SCR(Selective Catalytic Reduction)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	●			
GENERAL	Sportage (QLE) -For Mexico	2016-2019	4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AVMS(Around View Monitor System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			LDS(Low DC/DC Converter)	●	●	●	●	●
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PTG(Power Tail Gate)	●	●	●	●	○
			SCR(Selective Catalytic Reduction)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	●			
GENERAL	Sportage (SL)	2011-2016	4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			PWS(Power Steering)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
GENERAL	Sportage (SLE)	2011-2016	4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			PWS(Power Steering)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SPAS(Smart Parking Assist System)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
GENERAL	Stinger (CK)	2018-2019	4WD Control	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AHS(Active Hood System)	●	●	●	●	●
			AVMS(Around View Monitor System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			DDM(Driver Door Module)	●	●	●	●	●
			E-Call	●	●	●	○	○
			ECM(Engine Control Module)	●	●	●	●	●
			ECS(Electronic Control Suspension)	●	●	●	●	○
			E-Shifter	●	●	●	●	●
			FCA(Forward Collision-Avoidance Assist)	●	●	●	●	○
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			MLM(Mood Lamp Module)	●	●	●	●	●
			PSM(Power Seat Module)	●	●	●	●	●
			PTG(Power Tail Gate)	●	●	●	●	○
RVM(Rear View Monitor)	●	●	●	●	○			

GENERAL	Stonic (YB CUV)	2018-2020	SCM(Steering Column Module)	●	●	●	●	●
			SCR(Selective Catalytic Reduction)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			WPC(Wireless Power Charger)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
GENERAL	Telluride (ON)	2020-2020	BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MPPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			SCR(Selective Catalytic Reduction)	●	●	●	●	●
			SLM(Seat Belt Reminder Lighting Module)	●	●	●	●	●
GENERAL	Telluride (ON)-For Mexico	2020-2020	SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			WPC(Wireless Power Charger)	●	●	●	●	●
			4WD Control	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AVMS(Around View Monitor System)	●	●	●	●	●
			AVN(Audio Video Navigation)	●	○	○	●	○
GENERAL	Venga (YN)	2010-2020	BCM(Body Control Module)	●	●	●	●	●
			CODE(Smart key Code Saving)	○	○	○	●	○
			ECM(Engine Control Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			PDM(Power Distribution Module)	●	●	●	●	●
			PWS(Power Steering)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
USA	Amanti (GH)	2004-2009	TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			CODE(Smart key Code Saving)	○	○	○	●	○
			ECM(Engine Control Module)	●	●	●	●	●
			EPS(Electronic Power Steering)	●	●	●	●	○
			ESP(Electronic Stability Program)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			PDM(Power Distribution Module)	●	●	●	●	●
			PSM(Power Seat Module)	○	●	●	●	●
PWA(Power Window Assistance)	○	●	●	●	●			
PWM(Power Window Main)	○	●	●	●	●			
SMK(Smart key Unit)	●	●	●	●	●			



			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
USA	Borrego (HM)	2009-2011	4WD Control - EST	●	●	●	●	○
			4WD Control - TOD	●	●	●	●	○
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	○
			CODE(Smart key Code Saving)	○	○	○	●	○
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ECS(Electronic Control Suspension)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			FAM(Front Area Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			IIMS(Integrated Memory System)	○	○	○	●	●
			IPM(Instrument Panel Module)	○	○	○	●	●
			OPTION(User Option)	○	○	○	●	○
			PDM(Power Distribution Module)	●	●	●	●	●
			PWS(Power Steering)	●	●	●	●	○
			RAM(Rear Area Module)	●	●	●	●	●
			SCM(Steering Column Module)	○	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
USA	Cadenza (V6)	2014-2017	AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			CCS(Cruise Control System)	●	●	●	●	○
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			HSM(Haptic Seat Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			IPM(Instrument Panel Module)	●	●	●	●	●
			LDWS(Lane Departure Warning System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SCM(Steering Column Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SVMS(Surround View Monitor System)	●	●	●	●	●
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TMU(Telematics Unit)	●	●	●	○	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WCS(Weight Classification System)	●	●	●	○	○			
USA	Cadenza (Y6)	2017-2019	AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	○
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			IGPCM(Integrated Gateway Power Control Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			PTM(Power Trunk Module)	●	●	●	●	○
			SCM(Steering Column Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
SVMS(Surround View Monitor System)	●	●	●	●	●			
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	●			
USA	Forte (BDM)	2019-2019	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			DCT(Dual Clutch Transmission)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			FCA(Forward Collision-Avoidance Assist)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○

			PSM(Power Seat Module)	●	●	●	●	●			
			RVM(Rear View Monitor)	●	●	●	●	○			
			SMK(Smart key Unit)	●	●	●	●	●			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCODE(Transmitter Code Saving)	○	○	○	●	○			
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
			WPC(Wireless Power Charger)	●	●	●	●	●			
USA	Forte(YD)	2014-2018	AC(Air Conditioning)	●	●	●	●	●			
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	○			
			BCM(Body Control Module)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	●			
			ESP(Electronic Stability Program)	●	●	●	●	●			
			IC(Instrument Cluster)	●	●	●	●	●			
			IMMO(Immobilizer)	○	●	●	●	○			
			MDPS(Motor Driven Power Steering)	●	●	●	●	○			
			PSM(Power Seat Module)	●	●	●	●	●			
			SJB(Smart Junction Block)	●	●	●	●	●			
			SMK(Smart key Unit)	●	●	●	●	○			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCM(Transmission Control Module)	●	●	●	●	●			
			TCODE(Transmitter Code Saving)	○	○	○	●	○			
			TMU(Telematics Unit)	●	●	●	○	○			
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
			WCS(Weight Classification System)	●	●	●	●	○			
USA	Forte(YDm)	2017-2018	AC(Air Conditioning)	●	●	●	●	●			
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○			
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●			
			BCM(Body Control Module)	●	●	●	●	●			
			BSD(Blind Spot Detection)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	●			
			ESP(Electronic Stability Program)	●	●	●	●	●			
			IC(Instrument Cluster)	●	●	●	●	●			
			IMMO(Immobilizer)	○	●	●	●	○			
			MDPS(Motor Driven Power Steering)	●	●	●	●	○			
			MFC(Multi-Function Camera)	●	●	●	●	○			
			PSM(Power Seat Module)	●	●	●	●	●			
			SCC(Smart Cruise Control)	●	●	●	●	○			
			SJB(Smart Junction Block)	●	●	●	●	●			
			SMK(Smart key Unit)	●	●	●	●	○			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○						
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●						
WCS(Weight Classification System)	●	●	●	●	○						
USA	Forte/Forte Koup(TD)	2010-2013	AC(Air Conditioning)	●	●	●	●	●			
			BCM(Body Control Module)	●	○	○	●	●			
			CODE(Smart key Code Saving)	○	○	○	●	○			
			ECM(Engine Control Module)	●	●	●	●	●			
			ESP(Electronic Stability Program)	●	●	●	●	●			
			IMMO(Immobilizer)	○	○	○	●	○			
			PDM(Power Distribution Module)	●	●	●	●	●			
			PWS(Power Steering)	●	●	●	●	○			
			SMK(Smart key Unit)	●	●	●	●	●			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCM(Transmission Control Module)	●	●	●	●	●			
			TCODE(Transmitter Code Saving)	○	○	○	●	○			
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
			WCS(Weight Classification System)	●	●	●	●	○			
			USA	K900(KH)	2015-2018	AC(Air Conditioning)	●	●	●	●	●
						ADM(Assist Door Module)	●	●	●	●	●
						AFLS(Adaptive Front Lighting System)	●	●	●	●	●
APSM(Assist Power Seat Module)	●	●				●	●	●			
BCM(Body Control Module)	●	●				●	●	●			
BSD(Blind Spot Detection)	●	●				●	●	●			
CCS(Cruise Control System)	●	●				●	●	○			
DDM(Driver Door Module)	●	●				●	●	●			
ECM(Engine Control Module)	●	●				●	●	●			
EPB(Electric Parking Brake)	●	●				●	●	●			
EPS(Electronic Hydraulic Power Steering System)	●	●				●	●	●			
E-Shifter	●	●				●	●	●			
ESP(Electronic Stability Program)	●	●				●	●	●			
FSJB(Front Smart Junction Block)	●	●				●	●	●			
HUD(Head Up Display)	●	●				●	○	○			
IC(Instrument Cluster)	●	●				●	●	●			
LDWS(Lane Departure Warning System)	●	●				●	●	○			
MFS(Multi Function Switch)	●	●				●	●	○			
OCS(Occupant Classification System)	●	●				●	●	○			
PSB(Pre-safe Seat Belt)	●	●				●	●	●			
PSM(Power Seat Module)	●	●				●	●	●			
PTM(Power Trunk Module)	●	●				●	●	○			
RSJB(Rear Smart Junction Block)	●	●				●	●	●			
SCM(Steering Column Module)	●	●				●	●	●			
SMK(Smart key Unit)	●	●				●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●				●	●	○			
SVMS(Surround View Monitor System)	●	●				●	●	●			
SWRC(Steering Wheel Remote Control)	●	●	●	●	○						
TCM(Transmission Control Module)	●	●	●	●	●						
TMU(Telematics Unit)	●	●	●	○	○						
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○						
			4WD Control	●	●	●	●	●			
			AAF(Active Air Flap)	●	●	●	●	●			
			ABS(Anti-Lock Brake System)	●	●	●	●	●			
			AC(Air Conditioning)	●	●	●	●	●			
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●			
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●			
			AMP(Amplifier)	●	○	○	○	○			
			APSM(Assist Power Seat Module)	●	●	●	●	●			
			AVMS(Around View Monitor System)	●	●	●	●	●			

USA	K900 (RJ)	2019-2019	AVN(Audio Video Navigation)	●	○	○	●	○			
			BCM(Body Control Module)	●	●	●	●	●			
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●			
			CCP(Central Control Panel)	●	●	●	○	○			
			DDM(Driver Door Module)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	●			
			ECS(Electronic Control Suspension)	●	●	●	●	○			
			EDSM(Electronic Driver Seat Module)	●	●	●	●	●			
			ESAM(Electronic Asistant Seat Module)	●	●	●	●	●			
			E-Shifter	●	●	●	●	●			
			FCA(Forward Collision-Avoidance Assist)	●	●	●	●	○			
			HUD(Head Up Display)	●	●	●	●	○			
			IC(Instrument Cluster)	●	●	●	●	●			
			ICCU(Integrated Central Control Unit)	●	●	●	●	●			
			MDPS(Motor Driven Power Steering)	●	●	●	●	○			
			MFC(Multi-Function Camera)	●	●	●	●	○			
			MFS(Multi Function Switch)	●	●	●	●	○			
			MLM(Mood Lamp Module)	●	●	●	●	●			
			ODS(Occupant Detection Sensor)	●	●	●	●	○			
			PSB(Pre-safe Seat Belt)	●	●	●	●	○			
			PSM(Power Seat Module)	●	●	●	●	●			
			PTM(Power Trunk Module)	●	●	●	●	○			
			RRC(Rear Remote Controller)	●	●	●	○	○			
			RVM(Rear View Monitor)	●	●	●	●	○			
			RWPC(Rear Wireless Power Charger)	●	●	●	●	●			
			SCM(Steering Column Module)	●	●	●	●	●			
			SMK(Smart key Unit)	●	●	●	●	●			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			SWRC(Steering Wheel Remote Control)	●	●	●	○	○			
			TCM(Transmission Control Module)	●	●	●	●	●			
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
			WPC(Wireless Power Charger)	●	●	●	●	●			
			USA	Niro(DE EV)	2019-2019	AAF(Active Air Flap)	●	●	●	●	●
						ABS(Anti-Lock Brake System)	●	●	●	●	●
ADM(Assist Door Module)	●	●				●	●	●			
AMP(Amplifier)	●	○				○	○	○			
BCM(Body Control Module)	●	●				●	●	●			
BCW(Blind-Spot Collision Warning)	●	●				●	●	●			
BMS(EV Battery Management System)	●	●				●	●	●			
CCM(Charging Control Module)	●	●				●	●	○			
DDM(Driver Door Module)	●	●				●	●	●			
E-Shifter	●	●				●	●	○			
FATC(Full Auto Air Temperature Control)	●	●				●	●	●			
FCA(Forward Collision-Avoidance Assist)	●	●				●	●	○			
IC(Instrument Cluster)	●	●				●	●	●			
IGPCM(Integrated Gateway Power Control Module)	●	●				●	●	●			
MCS(EV Motor Control System)	●	●				●	●	●			
MDPS(Motor Driven Power Steering)	●	●				●	●	○			
MFC(Multi-Function Camera)	●	●				●	●	○			
MLM(Mood Lamp Module)	●	●				●	●	●			
OBC(On Board Charger)	●	●				●	●	○			
OCS(Occupant Classification System)	●	●				●	●	○			
PSM(Power Seat Module)	●	●				●	●	●			
RVM(Rear View Monitor)	●	●				●	●	○			
SMK(Smart key Unit)	●	●				●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●				●	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○						
VCU(Vehicle Control System)	●	●	●	●	●						
VESS(Virtual Engine Sound System)	●	●	●	○	●						
WPC(Wireless Power Charger)	●	●	●	●	●						
USA	Niro(DE HEV)	2017-2019	AAF(Active Air Flap)	●	●	●	●	●			
			AC(Air Conditioning)	●	●	●	●	●			
			ADM(Assist Door Module)	●	●	●	●	●			
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○			
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●			
			AMP(Amplifier)	●	○	○	○	○			
			BCM(Body Control Module)	●	●	●	●	●			
			BMS(HEV Battery Management System)	●	●	●	●	●			
			BSD(Blind Spot Detection)	●	●	●	●	●			
			DCT(Dual Clutch Transmission)	●	●	●	●	●			
			DDM(Driver Door Module)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	●			
			ESC(Electronic Stability Control)	●	●	●	●	●			
			HCS(HEV Control System)	●	●	●	●	●			
			IC(Instrument Cluster)	●	●	●	●	●			
			IGPCM(Integrated Gateway Power Control Module)	●	●	●	●	●			
			IMMO(Immobilizer)	○	●	●	●	○			
			MCS(HEV Motor Control System)	●	●	●	●	○			
			MDPS(Motor Driven Power Steering)	●	●	●	●	○			
			MFC(Multi-Function Camera)	●	●	●	●	○			
			OCS(Occupant Classification System)	●	●	●	●	○			
			PGS(Parking Guide System)	●	●	●	●	○			
			PSM(Power Seat Module)	●	●	●	●	●			
			SMK(Smart key Unit)	●	●	●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○						
TCODE(Transmitter Code Saving)	○	○	○	●	○						
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○						
VESS(Virtual Engine Sound System)	●	●	●	○	●						
WPC(Wireless Power Charger)	●	●	●	●	●						
			AAF(Active Air Flap)	●	●	●	●	●			
			AC(Air Conditioning)	●	●	●	●	●			
			ADM(Assist Door Module)	●	●	●	●	●			
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○			
			AMP(Amplifier)	●	○	○	○	○			
			BCM(Body Control Module)	●	●	●	●	●			
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●			
			BMS(PHEV Battery Management System)	●	●	●	●	●			
			DCT(Dual Clutch Transmission)	●	●	●	●	●			

USA	Niro(DE PHEV)	2018-2019	DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			HCU(Hybrid Control Unit)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IGPCM(Integrated Gateway Power Control Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MCS(PHEV Motor Control System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			OBC(On Board Charger)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			RVMWPG(Rear View Monitor With Parking Guidance)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			VESS(Virtual Engine Sound System)	●	●	●	○	●
			WPC(Wireless Power Charger)	●	●	●	●	●
USA	Optima Hybrid (JF HEV)	2016-2020	AAF(Active Air Flap)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			AVMS(Around View Monitor System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			BMS(HEV Battery Management System)	●	●	●	●	●
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			FCA(Forward Collision-Avoidance Assist)	●	●	●	●	○
			HCU(Hybrid Control Unit)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IGPCM(Integrated Gateway Power Control Module)	●	●	●	○	○
			IMMO(Immobilizer)	○	○	○	●	○
			MCS(HEV Motor Control System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
MFC(Multi-Function Camera)	●	●	●	●	○			
MLM(Mood Lamp Module)	●	●	●	●	●			
OCS(Occupant Classification System)	●	●	●	●	○			
PSM(Power Seat Module)	●	●	●	●	●			
RVM(Rear View Monitor)	●	●	●	●	○			
SJB(Smart Junction Block)	●	●	●	●	●			
SMK(Smart key Unit)	●	●	●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCM(Transmission Control Module)	●	●	●	●	●			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
VESS(Virtual Engine Sound System)	●	●	●	○	●			
WPC(Wireless Power Charger)	●	●	●	●	●			
USA	Optima Hybrid(TF HEV)	2011-2016	AAF(Active Air Flap)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHB(Active Hydraulic Booster)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BMS(HEV Battery Management System)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			HCS(HEV Control System)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			LDS(Low DC/DC Converter)	●	●	●	●	○
			MCS(HEV Motor Control System)	●	●	●	●	●
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
WCS(Weight Classification System)	●	●	●	●	○			
USA	Optima PHEV(JF PHEV)	2017-2020	AAF(Active Air Flap)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			BCM(Body Control Module)	●	●	●	●	●
			BMS(HEV Battery Management System)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			CGW(Central Gateway)	●	●	●	○	○
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			HCU(Hybrid Control Unit)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			MCS(HEV Motor Control System)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
OBC(On Board Charger)	●	●	●	●	○			
OCS(Occupant Classification System)	●	●	●	●	○			
PGS(Parking Guide System)	●	●	●	●	○			
PSM(Power Seat Module)	●	●	●	●	●			

			SJB(Smart Junction Block)	●	●	●	●	●			
			SMK(Smart key Unit)	●	●	●	●	●			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			SVMS(Surround View Monitor System)	●	●	●	●	●			
			TCM(Transmission Control Module)	●	●	●	●	●			
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
			VESS(Virtual Engine Sound System)	●	●	●	○	●			
			WPC(Wireless Power Charger)	●	●	●	●	●			
USA	Optima (JF)	2016-2019	AC(Air Conditioning)	●	●	●	●	●			
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○			
			BCM(Body Control Module)	●	●	●	●	●			
			BSD(Blind Spot Detection)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	●			
			ESC(Electronic Stability Control)	●	●	●	●	●			
			IC(Instrument Cluster)	●	●	●	●	●			
			IMMO(Immobilizer)	○	●	●	●	○			
			MDPS(Motor Driven Power Steering)	●	●	●	●	○			
			ODS(Occupant Detection Sensor)	●	●	●	●	○			
			SJB(Smart Junction Block)	●	●	●	●	●			
			SMK(Smart key Unit)	●	●	●	●	●			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCM(Transmission Control Module)	●	●	●	●	●			
			TCODE(Transmitter Code Saving)	○	○	○	●	○			
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
USA	Optima (JFA)	2016-2019	AC(Air Conditioning)	●	●	●	●	●			
			ADM(Assist Door Module)	●	●	●	●	●			
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○			
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●			
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●			
			AMP(Amplifier)	●	○	○	○	○			
			BCM(Body Control Module)	●	●	●	●	●			
			BSD(Blind Spot Detection)	●	●	●	●	●			
			CCS(Cruise Control System)	●	●	●	●	○			
			DDM(Driver Door Module)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	●			
			EPB(Electric Parking Brake)	●	●	●	●	●			
			ESP(Electronic Stability Program)	●	●	●	●	●			
			IC(Instrument Cluster)	●	●	●	●	●			
			IMMO(Immobilizer)	○	●	●	●	○			
			LKAS(Lane Keeping Assist System)	●	●	●	●	○			
			MDPS(Motor Driven Power Steering)	●	●	●	●	○			
			ODS(Occupant Detection Sensor)	●	●	●	●	○			
			PGS(Parking Guide System)	●	●	●	●	○			
			PSM(Power Seat Module)	●	●	●	●	●			
			SJB(Smart Junction Block)	●	●	●	●	●			
			SMK(Smart key Unit)	●	●	●	●	●			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			SVMS(Surround View Monitor System)	●	●	●	●	●			
			TCM(Transmission Control Module)	●	●	●	●	●			
			TCODE(Transmitter Code Saving)	○	○	○	●	○			
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
			WPC(Wireless Power Charger)	●	●	●	●	●			
			USA	Optima (MG)	2006-2010	AC(Air Conditioning)	●	●	●	●	●
						BCM(Body Control Module)	●	○	○	●	●
CODE(Smart key Code Saving)	○	○				○	●	○			
ECM(Engine Control Module)	●	●				●	●	●			
ECS(Electronic Control Suspension)	●	●				●	●	●			
EPS(Electronic Power Steering)	●	●				●	●	○			
ESP(Electronic Stability Program)	●	●				●	●	●			
IMMO(Immobilizer)	○	○				○	●	○			
PDM(Power Distribution Module)	●	●				●	●	●			
SMK(Smart key Unit)	●	●				●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●				●	●	○			
TCM(Transmission Control Module)	●	●				●	●	●			
TCODE(Transmitter Code Saving)	○	○				○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●				●	●	●			
USA	Optima (MS)	2001-2006	ABS(Anti-Lock Brake System)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	●			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCM(Transmission Control Module)	●	●	●	●	●			
USA	Optima (TF/QF)	2011-2015	AC(Air Conditioning)	●	●	●	●	●			
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●			
			BCM(Body Control Module)	●	●	●	●	●			
			BSD(Blind Spot Detection)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	●			
			ESP(Electronic Stability Program)	●	●	●	●	●			
			IC(Instrument Cluster)	●	●	●	●	●			
			IMMO(Immobilizer)	○	○	○	●	○			
			MDPS(Motor Driven Power Steering)	●	●	●	●	○			
			PSM(Power Seat Module)	●	●	●	●	●			
			SJB(Smart Junction Block)	●	●	●	●	●			
			SMK(Smart key Unit)	●	●	●	●	●			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○						
TMU(Telematics Unit)	●	●	●	○	○						
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●						
WCS(Weight Classification System)	●	●	●	●	○						
USA	RIO (BC)	2001-2005	ABS(Anti-Lock Brake System)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	○			
			SRS(Supplemental inflatable Restraint System)	○	●	●	○	○			
			TCM(Transmission Control Module)	●	●	●	●	○			
USA	RIO (JB)	2006-2012	ABS(Anti-Lock Brake System)	●	●	●	●	●			
			AC(Air Conditioning)	●	●	●	●	●			
			ECM(Engine Control Module)	●	●	●	●	●			
			PWS(Power Steering)	●	●	●	●	○			
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
			TCM(Transmission Control Module)	●	●	●	●	●			

			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
USA	RIO(SC)	2018-2019	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			BCM(Body Control Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			ODS(Occupant Detection Sensor)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			SLM(Seat Belt Reminder Lighting Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
USA	RIO(UB)	2012-2017	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TMU(Telematics Unit)	●	●	●	○	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			WCS(Weight Classification System)	●	●	●	●	○
			USA	Rondo(UN)	2007-2010	ABS(Anti-Lock Brake System)	●	●
AC(Air Conditioning)	●	●				●	●	●
BCM(Body Control Module)	●	○				○	●	●
ECM(Engine Control Module)	●	●				●	●	●
IMMO(Immobilizer)	○	○				○	●	○
SRS(Supplemental inflatable Restraint System)	●	●				●	●	○
TCM(Transmission Control Module)	●	●				●	●	●
TCODE(Transmitter Code Saving)	○	○				○	●	○
TPMS(Tire Pressure Monitoring System)	●	●				●	●	●
WCS(Weight Classification System)	●	●				●	●	○
USA	Sedona(GQ)	2002-2005	ABS(Anti-Lock Brake System)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
USA	Sedona(VQ)	2006-2014	TCM(Transmission Control Module)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			FAM(Front Area Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			IHS(Integrated Memory System)	●	●	●	●	●
			IPM(Instrument Panel Module)	●	●	●	●	●
			PSD(Power Sliding Door)	●	●	●	●	○
			PTG(Power Tail Gate)	●	●	●	●	○
			RAM(Rear Area Module)	●	●	●	●	●
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
WCS(Weight Classification System)	●	●	●	●	○			
USA	Sedona(YP)	2015-2020	AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			AVMS(Around View Monitor System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PSD(Power Sliding Door)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			PTG(Power Tail Gate)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SIB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			WPC(Wireless Power Charger)	○	●	●	●	●
USA	Sephia(FB)	1994-2001	ABS(Anti-Lock Brake System)	○	●	●	●	●
			ECM(Engine Control Module)	○	●	●	●	○
			SRS(Supplemental inflatable Restraint System)	○	●	●	○	○
			TCM(Transmission Control Module)	●	●	●	●	○
			4WD Control - EST	○	●	●	○	○
			4WD Control - TOD	●	●	●	○	○

USA	Sorento (BL)	2003-2009	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	○	○	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPS(Electronic Power Steering)	●	●	●	●	○
			IMMO(Immobilizer)	○	○	○	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			4WD Control	●	●	●	●	●
USA	Sorento (UMA)	2016-2019	AC(Air Conditioning)	●	●	●	●	●
			ADM(Assist Door Module)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			CGW(Central Gateway)	●	●	●	○	○
			DDM(Driver Door Module)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○
			PSM(Power Seat Module)	●	●	●	●	●
			PTG(Power Tail Gate)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			SVMS(Surround View Monitor System)	●	●	●	●	●
			SWRC(Steering Wheel Remote Control)	●	●	●	○	○
			TCM(Transmission Control Module)	●	●	●	●	●
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TMU(Telematics Unit)	●	●	●	○	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	●			
USA	Sorento (XM)	2011-2015	4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PTM(Power Trunk Module)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TMU(Telematics Unit)	●	●	●	○	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			WCS(Weight Classification System)	●	●	●	○	○
USA	Soul EV (PS EV)	2015-2019	AC(Air Conditioning)	●	●	●	●	●
			BCM(Body Control Module)	●	●	●	●	●
			BMS(HEV Battery Management System)	●	●	●	●	●
			EPB(Electric Parking Brake)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			LDS(Low DC/DC Converter)	●	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			OBC(On Board Charger)	●	●	●	●	●
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
VMCS(Vehicle Motor Control System)	●	●	●	●	●			
WCS(Weight Classification System)	●	●	●	●	○			
USA	Soul EV (SK3 EV)	2019-2020	AAF(Active Air Flap)	●	●	●	●	●
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			AVN(Audio Video Navigation)	●	○	○	●	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			BMS(EV Battery Management System)	●	●	●	●	●
			CCM(Charging Control Module)	●	●	●	●	○
			E-Shifter	●	●	●	●	○
			FVC(Front View Camera)	●	●	●	●	○
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			MCS(EV Motor Control System)	●	●	●	●	●
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			OBC(On Board Charger)	●	●	●	●	○
			ODS(Occupant Detection Sensor)	●	●	●	●	○
			RVM(Rear View Monitor)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
			SML(Sound Mood Lamp)	●	●	●	○	○
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
VCU(Vehicle Control System)	●	●	●	●	●			

			VESS(Virtual Engine Sound System)	●	●	●	○	●
			WPC(Wireless Power Charger)	●	●	●	●	●
USA	Soul (AM)	2010-2013	AC(Air Conditioning)	●	●	●	●	●
			AT(Automatic Transaxle)	●	●	●	●	●
			BCM(Body Control Module)	●	○	○	●	●
			CODE(Smart key Code Saving)	○	○	○	●	○
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			PDM(Power Distribution Module)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			WCS(Weight Classification System)	●	●	●	●	○
USA	Soul (PS)	2014-2019	AC(Air Conditioning)	●	●	●	●	●
			AEB(Assist Emergency Braking System)	●	●	●	●	○
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			DCT(Dual Clutch Transmission)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESC(Electronic Stability Control)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○
			SCC(Smart Cruise Control)	●	●	●	●	○
			STB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TMU(Telematics Unit)	●	●	●	○	○
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
USA	Soul (SK3)	2019-2020	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AHLS(Auto Headlamp Leveling System)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			AVN(Audio Video Navigation)	●	○	○	○	○
			BCM(Body Control Module)	●	●	●	●	●
			BCW(Blind-Spot Collision Warning)	●	●	●	●	●
			DCT(Dual Clutch Transmission)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			FVC(Front View Camera)	●	●	●	●	○
			HUD(Head Up Display)	●	●	●	●	○
			IC(Instrument Cluster)	●	●	●	●	●
			ICCU(Integrated Central Control Unit)	●	●	●	●	●
			IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			ODS(Occupant Detection Sensor)	●	●	●	●	○
			RVM(Rear View Monitor)	●	●	●	●	○
			RWPC(Rear Wireless Power Charger)	●	●	●	●	●
			SCC(Smart Cruise Control)	●	●	●	●	○
			SMK(Smart key Unit)	●	●	●	●	●
SML(Sound Mood Lamp)	●	●	●	○	○			
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
USA	Spectra (LD)	2004-2009	ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
USA	Spectra (SD)	2000-2004	TCM(Transmission Control Module)	●	●	●	●	●
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	○	●	●	○	○
USA	Sportage (AL)	1995-2002	TCM(Transmission Control Module)	●	●	●	●	○
			ABS(Anti-Lock Brake System)	●	●	●	●	○
			ECM(Engine Control Module)	○	●	●	●	○
USA	Sportage (KM)	2005-2010	4WD Control	●	●	●	○	○
			ABS(Anti-Lock Brake System)	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ETACS(Electronic Time and Alarm Control System)	●	○	○	●	●
			IMMO(Immobilizer)	○	○	○	●	○
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	●
			4WD Control	●	●	●	●	●
			AC(Air Conditioning)	●	●	●	●	●
			AEB(Autonomous Emergency Braking System)	●	●	●	●	○
			AFLS(Adaptive Front Lighting System)	●	●	●	●	●
			AMP(Amplifier)	●	○	○	○	○
			BCM(Body Control Module)	●	●	●	●	●
			BSD(Blind Spot Detection)	●	●	●	●	●
			ECM(Engine Control Module)	●	●	●	●	●
			ESP(Electronic Stability Program)	●	●	●	●	●
			IC(Instrument Cluster)	●	●	●	●	●



USA	Sportage (QL)	2016-2020	IMMO(Immobilizer)	○	●	●	●	○
			MDPS(Motor Driven Power Steering)	●	●	●	●	○
			MFC(Multi-Function Camera)	●	●	●	●	○
			OCS(Occupant Classification System)	●	●	●	●	○
			PGS(Parking Guide System)	●	●	●	●	○
			PTG(Power Tail Gate)	●	●	●	●	○
			SJB(Smart Junction Block)	●	●	●	●	●
			SMK(Smart key Unit)	●	●	●	●	●
			SRS(Supplemental inflatable Restraint System)	●	●	●	●	○
			TCM(Transmission Control Module)	●	●	●	●	●
			TCODE(Transmitter Code Saving)	○	○	○	●	○
			TPMS(Tire Pressure Monitoring System)	●	●	●	●	○
			WPC(Wireless Power Charger)	●	●	●	●	●
			AWD Control	●	●	●	●	●
AC(Air Conditioning)	●	●	●	●	●			
BCM(Body Control Module)	●	●	●	●	●			
ECM(Engine Control Module)	●	●	●	●	●			
ESP(Electronic Stability Program)	●	●	●	●	●			
IMMO(Immobilizer)	○	○	○	●	○			
PWS(Power Steering)	●	●	●	●	○			
SJB(Smart Junction Block)	●	●	●	●	●			
SMK(Smart key Unit)	●	●	●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCM(Transmission Control Module)	●	●	●	●	●			
TCODE(Transmitter Code Saving)	○	○	○	●	○			
TMU(Telematics Unit)	●	●	●	○	○			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
AWD Control	●	●	●	●	●			
ABS(Anti-Lock Brake System)	●	●	●	●	●			
AC(Air Conditioning)	●	●	●	●	●			
AEB(Autonomous Emergency Braking System)	●	●	●	●	○			
AFLS(Adaptive Front Lighting System)	●	●	●	●	●			
AHLS(Auto Headlamp Leveling System)	●	●	●	●	●			
AHS(Active Hood System)	●	●	●	○	●			
AMP(Amplifier)	●	○	○	○	○			
BCM(Body Control Module)	●	●	●	●	●			
BCW(Blind-Spot Collision Warning)	●	●	●	●	●			
DDM(Driver Door Module)	●	●	●	●	●			
ECM(Engine Control Module)	●	●	●	●	●			
ECS(Electronic Control Suspension)	●	●	●	●	○			
E-Shifter	●	●	●	●	●			
HUD(Head Up Display)	●	●	●	●	○			
IC(Instrument Cluster)	●	●	●	●	●			
ICCU(Integrated Central Control Unit)	●	●	●	●	●			
MDPS(Motor Driven Power Steering)	●	●	●	●	○			
MFC(Multi-Function Camera)	●	●	●	●	○			
MLM(Mood Lamp Module)	●	○	○	●	○			
OCS(Occupant Classification System)	●	●	●	●	○			
PGS(Parking Guide System)	●	●	●	●	○			
PSM(Power Seat Module)	●	●	●	●	●			
PTG(Power Tail Gate)	●	●	●	●	○			
SCM(Steering Column Module)	●	●	●	●	●			
SMK(Smart key Unit)	●	●	●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
SVMS(Surround View Monitor System)	●	●	●	●	●			
TCM(Transmission Control Module)	●	●	●	●	●			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	●			
AWD Control	●	●	●	●	●			
ABS(Anti-Lock Brake System)	●	●	●	●	●			
AC(Air Conditioning)	●	●	●	●	●			
AMP(Amplifier)	●	○	○	○	○			
AVMS(Around View Monitor System)	●	●	●	●	●			
AVN(Audio Video Navigation)	●	○	○	●	○			
BCM(Body Control Module)	●	●	●	●	●			
BCW(Blind-Spot Collision Warning)	●	●	●	●	●			
DDM(Driver Door Module)	●	●	●	●	●			
ECM(Engine Control Module)	●	●	●	●	●			
HUD(Head Up Display)	●	●	●	●	○			
IC(Instrument Cluster)	●	●	●	●	●			
ICCU(Integrated Central Control Unit)	●	●	●	●	●			
MDPS(Motor Driven Power Steering)	●	●	●	●	○			
MFC(Multi-Function Camera)	●	●	●	●	○			
MLM(Mood Lamp Module)	●	●	●	●	●			
ODS(Occupant Detection Sensor)	●	●	●	●	○			
PSM(Power Seat Module)	●	●	●	●	●			
PTG(Power Tail Gate)	●	●	●	●	○			
RVM(Rear View Monitor)	●	●	●	●	○			
SCC(Smart Cruise Control)	●	●	●	●	○			
SMK(Smart key Unit)	●	●	●	●	●			
SRS(Supplemental inflatable Restraint System)	●	●	●	●	○			
TCM(Transmission Control Module)	●	●	●	●	●			
TPMS(Tire Pressure Monitoring System)	●	●	●	●	○			
WPC(Wireless Power Charger)	●	●	●	●	●			

KIA DPF Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	DPF
GENERAL	Carens (FJ)	2006-2007	●
GENERAL	Carens (UN)	2007-2013	●
GENERAL	Carens/Rondo (RP)	2014-2019	●
GENERAL	Carnival/Sedona (VQ)	2010-2015	●
GENERAL	Carnival/Sedona (YP)	2015-2019	●
GENERAL	Cee' d (CD)	2019-2019	●
GENERAL	Cee' d (ED)	2006-2013	●
GENERAL	Cee' d (JD)	2013-2018	●
GENERAL	Cerato/Forte (BD)	2019-2019	●
GENERAL	Cerato/Forte (BDm)	2019-2020	●
GENERAL	Cerato/Forte (YD)	2016-2019	●
GENERAL	K2500/K2700/K3000/K3000S (PU)	2012-2019	●
GENERAL	Mohave/Borrego (HM)	2012-2019	●
GENERAL	Niro (DE HEV)	2017-2018	●
GENERAL	Niro (DE HEV)-For Mexico	2017-2019	●
GENERAL	Optima (JF)	2016-2020	●
GENERAL	Optima HEV (JF HEV)	2017-2019	●
GENERAL	Optima (TF)	2012-2016	●
GENERAL	Optima/Magentis (MG)	2006-2010	●
GENERAL	Picanto/Morning (JA)	2019-2019	●
GENERAL	RIO (UB)	2012-2018	●
GENERAL	RIO (YB)	2017-2020	●
GENERAL	Sorento (UM)	2015-2020	●
GENERAL	Sorento (XM)	2009-2015	●
GENERAL	Soul (AM)	2009-2014	●
GENERAL	Soul (PS)	2013-2019	●
GENERAL	Soul (PS)-For Mexico	2016-2019	●
GENERAL	Soul (SK3)	2019-2020	●
GENERAL	Sportage (KM)	2006-2010	●
GENERAL	Sportage (QL)	2016-2019	●
GENERAL	Sportage (QLE)	2016-2019	●
GENERAL	Sportage (QLE)-For Mexico	2016-2019	●
GENERAL	Sportage (SL)	2011-2016	●
GENERAL	Sportage (SLE)	2011-2016	●
GENERAL	Stinger (CK)	2018-2019	●
GENERAL	Stonic (YB CUV)	2018-2020	●
GENERAL	Venga (YN)	2010-2020	●
USA	Forte (BDm)	2019-2019	●
USA	Niro (DE HEV)	2018-2019	●
USA	Optima Hybrid (JF HEV)	2018-2020	●
USA	Stinger (CK)	2018-2019	●

DPF Function List

DPF Service Regeneration

DPF+LNT Service Regeneration

GPF Service Regeneration

Resetting Adaptive Values after GPF replacement

KIA ECM Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	ECM
GENERAL	Cadenza (VG)	2010-2016	●
GENERAL	Cadenza (YG)	2017-2019	●
GENERAL	Carens (FJ)	2005-2007	●
GENERAL	Carens/Rondo (RP)	2014-2019	●
GENERAL	Carens (UN)	2007-2013	●
GENERAL	Carnival/Sedona (GQ)	1998-2006	●
GENERAL	Carnival/Sedona (VQ)	2006-2015	●
GENERAL	Carnival/Sedona (YP)	2015-2019	●
GENERAL	Carnival (YP) -Israel	2016-2019	●
GENERAL	Cee'd (CD)	2019-2019	●
GENERAL	Cee'd (ED)	2006-2013	●
GENERAL	Cee'd (JD)	2013-2018	●
GENERAL	Cerato/Forte (BD)	2019-2019	●
GENERAL	Cerato/Forte (TD)	2009-2013	●
GENERAL	Cerato/Forte (YD)	2017-2019	●
GENERAL	Cerato/Forte (YDM)	2017-2019	●
GENERAL	Cerato (LD)	2003-2009	●
GENERAL	K2500/K2700/K3000/K3000S (PU)	2004-2019	●
GENERAL	K900 (RJ)	2019-2020	●
GENERAL	Mohave/Borrego (HM)	2009-2019	●
GENERAL	Niro (DE HEV)	2017-2019	●
GENERAL	Niro (DE HEV) -Mexico	2017-2019	●
GENERAL	Niro (DE PHEV)	2017-2019	●
GENERAL	Niro (DE PHEV) Mexico	2017-2019	●
GENERAL	Opirus (GH)	2004-2010	●
GENERAL	Optima HEV (JF HEV)	2016-2019	●
GENERAL	Optima HEV (TF HEV)	2012-2015	●
GENERAL	Optima PHEV (JF PHEV)	2016-2019	●
GENERAL	Optima (JF)	2016-2020	●
GENERAL	Optima (JFA)	2016-2020	●
GENERAL	Optima/Magentis (MG)	2006-2010	●
GENERAL	Optima/Magentis (MS)	2001-2006	●
GENERAL	Optima (QF)	2011-2015	●
GENERAL	Optima (TF)	2011-2016	●
GENERAL	Picanto (SA)	2003-2011	●
GENERAL	Picanto (TA)	2012-2019	●
GENERAL	Quoris (KH)	2013-2018	●
GENERAL	RIO (BC)	2000-2013	●
GENERAL	RIO (JB)	2005-2012	●
GENERAL	RIO (QBR)	2012-2018	●
GENERAL	RIO (SC)	2017-2020	●
GENERAL	RIO (UB)	2012-2018	●
GENERAL	RIO (YB)	2017-2020	●

GENERAL	Sorento (BL)	2002-2010	●
GENERAL	Sorento (UM)	2016-2020	●
GENERAL	Sorento (UMA)	2016-2019	●
GENERAL	Sorento (XM)	2011-2015	●
GENERAL	Sorento (XMA)	2011-2015	●
GENERAL	Soul EV (SK3 EV)	2019-2020	●
GENERAL	Soul EV (SK3 EV) -Mexico	2019-2020	●
GENERAL	Soul (AM)	2009-2014	●
GENERAL	Soul (PS)	2016-2019	●
GENERAL	Soul (PS) -Mexico	2016-2019	●
GENERAL	Soul (SK3)	2019-2020	●
GENERAL	Soul (SK3) -Mexico	2019-2020	●
GENERAL	Sportage (KM)	2005-2010	●
GENERAL	Sportage (QL)	2019-2019	●
GENERAL	Sportage (QL) -Mexico	2019-2019	●
GENERAL	Sportage (QLE)	2016-2019	●
GENERAL	Sportage (QLE) -Mexico	2016-2019	●
GENERAL	Sportage (SL)	2011-2016	●
GENERAL	Sportage (SLE)	2011-2016	●
GENERAL	Stinger (CK)	2018-2019	●
GENERAL	Stonic (YB CUV)	2018-2020	●
GENERAL	Telluride (ON)	2020-2020	●
GENERAL	Telluride (ON) -Mexico	2020-2020	●
GENERAL	Venga (YN)	2010-2020	●
USA	Amanti (GH)	2004-2009	●
USA	Borrego (HM)	2009-2011	●
USA	Cadenza (VG)	2014-2017	●
USA	Cadenza (YG)	2017-2019	●
USA	Forte (BDM)	2019-2019	●
USA	Forte/Forte Koup (TD)	2010-2013	●
USA	Forte (YD)	2017-2018	●
USA	Forte (YDM)	2017-2018	●
USA	K900 (KH)	2015-2018	●
USA	K900 (RJ)	2019-2019	●
USA	Niro (DE HEV)	2017-2019	●
USA	Niro (DE PHEV)	2018-2019	●
USA	Optima Hybrid (JF HEV)	2016-2020	●
USA	Optima Hybrid (TF HEV)	2011-2016	●
USA	Optima PHEV (JF PHEV)	2017-2020	●
USA	Optima (JF)	2016-2019	●
USA	Optima (JFA)	2016-2019	●
USA	Optima (MG)	2006-2010	●
USA	Optima (MS)	2001-2006	●
USA	Optima (TF/QF)	2011-2015	●
USA	RIO (BC)	2001-2005	●
USA	RIO (JB)	2006-2012	●
USA	RIO (SC)	2018-2019	●
USA	RIO (UB)	2012-2017	●
USA	Rondo (UN)	2007-2010	●
USA	Sedona (GQ)	2002-2005	●
USA	Sedona (VQ)	2006-2014	●

USA	Sedona (YP)	2015-2020	●
USA	Sorento (BL)	2003-2009	●
USA	Sorento (UMA)	2016-2019	●
USA	Sorento (XM)	2011-2015	●
USA	Soul EV (SK3 EV)	2019-2020	●
USA	Soul (AM)	2010-2013	●
USA	Soul (PS)	2014-2019	●
USA	Soul (SK3)	2019-2020	●
USA	Spectra (LD)	2004-2009	●
USA	Sportage (KM)	2005-2010	●
USA	Sportage (QL)	2016-2020	●
USA	Sportage (SL)	2011-2016	●
USA	Stinger (CK)	2018-2019	●
USA	Telluride (ON)	2020-2020	●

### ECM Function List

CVVL Correction Value Automatic Learning
CVVL Correction Value Manual Learning
CVVT Test
Component Change Routine
ECU Learning Value Reset After Component Replacement
ECU Tuning Data Confirm
Evap. Leakage Test
Engine Clutch/Motor Resolver Adaptation
Engine Test Off
Engine Test On
Engine coolant Filling mode
Essential Work After Component Replacement
Fuel Leakage Test
Fuel Line Air Remove
Idle CO Adjustment
Idle RPM Adjust Mode
Idle RPM Control Test (Isc Type Only)
Initialization Of The Engine Clutch Inspection Line Learning And Diagnostic Information
LDC Activation Test
PCM Auto Detection Reset
PCM Lock (Mec) Setting
Removal Of Air From Engine Clutch Hydraulic Pressure Line
Resetting E-CVVT Values
Stabilization Of Hydraulic Oil Flow Of Engine Clutch
Stabilization Of The Engine Clutch Hardware Transfer Torque
Stabilize hydraulic oil flow of engine clutch
TPS Circuit Test
HCU Variant Coding
ECU Initialization

KIA EPB Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	EPB
GENERAL	Cadenza (VG)	2012-2016	●
GENERAL	Cadenza (YG)	2017-2019	●
GENERAL	Carens/Rondo (RP)	2014-2019	●
GENERAL	Cee' d (CD)	2019-2019	●
GENERAL	Cee' d (JD)	2013-2018	●
GENERAL	Cerato/Forte (BD)	2019-2019	●
GENERAL	Cerato/Forte (BDM)	2019-2020	●
GENERAL	K900 (RJ)	2019-2020	●
GENERAL	Niro (DE EV)	2019-2019	●
GENERAL	Niro (DE HEV)	2017-2019	●
GENERAL	Niro (DE HEV)-Mexico	2017-2019	●
GENERAL	Niro (DE PHEV)	2017-2019	●
GENERAL	Niro (DE PHEV)-Mexico	2017-2019	●
GENERAL	Optima HEV (JF HEV)	2016-2019	●
GENERAL	Optima HEV (TF HEV)	2012-2015	●
GENERAL	Optima PHEV (JF PHEV)	2016-2019	●
GENERAL	Optima (JF)	2016-2020	●
GENERAL	Optima (QF)-For Central and South America	2012-2015	●
GENERAL	Optima (TF)	2011-2016	●
GENERAL	Picanto/Morning (JA)	2018-2019	●
GENERAL	Sorento (UM)	2015-2020	●
GENERAL	Sorento (XM)	2013-2015	●
GENERAL	Soul EV (PS EV)	2015-2019	●
GENERAL	Soul EV (SK3 EV)	2019-2020	●
GENERAL	Soul EV (SK3 EV)-For Mexico	2019-2020	●
GENERAL	Soul (PS)	2016-2019	●
GENERAL	Soul (PS)-Mexico	2016-2019	●
GENERAL	Soul (SK3)	2019-2020	●
GENERAL	Soul (SK3)-For Mexico	2019-2020	●
GENERAL	Sportage (QL)	2016-2019	●
GENERAL	Sportage (QL)-For Mexico	2019-2019	●
GENERAL	Sportage (QLE)	2016-2019	●
GENERAL	Sportage (QLE)-For Mexico	2016-2019	●
GENERAL	Sportage (SL)	2011-2016	●
GENERAL	Sportage (SLE)	2011-2016	●
GENERAL	Stinger (CK)	2018-2019	●
GENERAL	Telluride (ON)	2020-2020	●
GENERAL	Telluride (ON)-For Mexico	2020-2020	●
USA	Cadenza (VG)	2014-2017	●
USA	Cadenza (YG)	2017-2019	●
USA	Forte (BDM)	2019-2019	●
USA	K900 (RJ)	2019-2019	●
USA	Niro (DE EV)	2019-2019	●
USA	Niro (DE HEV)	2017-2019	●
USA	Niro (DE PHEV)	2018-2019	●
USA	Optima Hybrid (JF HEV)	2016-2020	●
USA	Optima Hybrid (TF HEV)	2011-2016	●
USA	Optima PHEV (JF PHEV)	2017-2020	●

USA	Optima (TF/QF)	2012-2013	●
USA	Soul EV (PS EV)	2015-2019	●
USA	Soul EV (SK3 EV)	2019-2020	●
USA	Soul (SK3)	2019-2020	●
USA	Sportage (QL)	2016-2020	●
USA	Stinger (CK)	2018-2019	●
USA	Telluride (ON)	2020-2020	●
EPB Function List			
Brake Pad Change Mode			
PAD Change Mode			
PAD Change Mode (After Change)			
PAD Change Mode (Before Change)			
AEB Variant Coding			
AHB Variant Coding			
Assembly Check (ECU Replacement)			
EPB Variant Coding			
Pedal Travel Sensor (PTS) Calibration			
Pressure Sensor Calibration			
High Pressure Release Mode			
SPAS Variant Coding			
Assembly Check			

KIA ETC Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	ETC
GENERAL	Cadenza (VG)	2012-2016	●
GENERAL	Cadenza (YG)	2017-2019	●
GENERAL	Carens (FJ)	2005-2007	●
GENERAL	Carens (UN)	2007-2013	●
GENERAL	Carens/Rondo (RP)	2014-2019	●
GENERAL	Carnival/Sedona (VQ)	2006-2015	●
GENERAL	Carnival (YP) -Israel	2019-2019	●
GENERAL	Carnival/Sedona (YP)	2019-2019	●
GENERAL	Cee' d (CD)	2019-2019	●
GENERAL	Cee' d (ED)	2006-2013	●
GENERAL	Cee' d (JD)	2013-2018	●
GENERAL	Cerato (LD)	2004-2009	●
GENERAL	Cerato/Forte (BD)	2019-2019	●
GENERAL	Cerato/Forte (BDm)	2019-2020	●
GENERAL	Cerato/Forte (TD)	2009-2013	●
GENERAL	Cerato/Forte (YD)	2013-2019	●
GENERAL	Cerato/Forte (YDm)	2017-2019	●
GENERAL	K2500/K2700/K3000/K3000S (PU)	2016-2019	●
GENERAL	K900 (RJ)	2019-2020	●
GENERAL	Mohave/Borrego (HM)	2009-2019	●
GENERAL	Niro (DE HEV)	2016-2019	●
GENERAL	Niro (DE HEV) -For Mexico	2017-2019	●
GENERAL	Niro (DE PHEV)	2017-2019	●
GENERAL	Niro (DE PHEV) -For Mexico	2017-2019	●
GENERAL	Opirus (GH)	2004-2006	●
GENERAL	Optima (JF)	2016-2020	●
GENERAL	Optima HEV (JF HEV)	2016-2019	●
GENERAL	Optima HEV (TF HEV)	2012-2015	●
GENERAL	Optima PHEV (JF PHEV)	2016-2019	●
GENERAL	Optima (JFA) -For Central And South America	2016-2020	●
GENERAL	Optima (QF) -For Central and South America	2011-2015	●
GENERAL	Optima (TF)	2011-2016	●
GENERAL	Optima/Magentis (MG)	2006-2010	●
GENERAL	Optima/Magentis (MS)	2001-2006	●
GENERAL	Pegas/Soluto (AB)	2018-2020	●
GENERAL	Picanto (SA)	2008-2011	●
GENERAL	Picanto (TA)	2012-2019	●
GENERAL	Picanto/Morning (JA)	2018-2019	●
GENERAL	Quoris (KH)	2015-2018	●
GENERAL	RIO (FB)	2018-2019	●
GENERAL	RIO (JB)	2005-2012	●
GENERAL	RIO (QBR)	2012-2018	●
GENERAL	RIO (SC)	2017-2020	●
GENERAL	RIO (UB)	2012-2018	●
GENERAL	RIO (YB)	2017-2020	●
GENERAL	Sorento (BL)	2006-2010	●
GENERAL	Sorento (UM)	2015-2020	●
GENERAL	Sorento (UMA) -For Central And South America	2016-2019	●
GENERAL	Sorento (XM)	2009-2015	●



GENERAL	Sorento (XMA) -For Central and South America	2011-2015	●
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GENERAL	Soul (AM)	2009-2014	●
GENERAL	Soul (PS)	2013-2019	●
GENERAL	Soul (PS) -For Mexico	2016-2019	●
GENERAL	Soul (SK3)	2019-2020	●
GENERAL	Soul (SK3) -For Mexico	2019-2020	●
GENERAL	Sportage (KM)	2005-2010	●
GENERAL	Sportage (QL)	2016-2019	●
GENERAL	Sportage (QL) -For Mexico	2019-2019	●
GENERAL	Sportage (QLE)	2016-2019	●
GENERAL	Sportage (QLE) -For Mexico	2016-2019	●
GENERAL	Sportage (SL)	2011-2016	●
GENERAL	Sportage (SLE)	2011-2016	●
GENERAL	Stinger (CK)	2018-2019	●
GENERAL	Stonic (YB CUV)	2018-2020	●
GENERAL	Telluride (ON)	2020-2020	●
GENERAL	Telluride (ON) -For Mexico	2020-2020	●
GENERAL	Venga (YN)	2010-2020	●
USA	Amanti (GH)	2007-2009	●
USA	Borrego (HM)	2009-2011	●
USA	Cadenza (VG)	2014-2017	●
USA	Cadenza (YG)	2017-2019	●
USA	Forte (BDm)	2019-2019	●
USA	Forte (YD)	2014-2018	●
USA	Forte (YDm)	2017-2018	●
USA	Forte/Forte Koup (TD)	2010-2013	●
USA	K900 (KH)	2015-2018	●
USA	K900 (RJ)	2019-2019	●
USA	Niro (DE HEV)	2017-2019	●
USA	Niro (DE PHEV)	2018-2019	●
USA	Optima Hybrid (JF HEV)	2016-2020	●
USA	Optima Hybrid (TF HEV)	2011-2016	●
USA	Optima PHEV (JF PHEV)	2017-2020	●
USA	Optima (JF)	2016-2019	●
USA	Optima (JFA)	2016-2019	●
USA	Optima (MG)	2006-2010	●
USA	Optima (MS)	2001-2006	●
USA	Optima (TF/QF)	2011-2015	●
USA	RIO (JB)	2006-2012	●
USA	RIO (SC)	2018-2019	●
USA	RIO (UB)	2012-2017	●
USA	Rondo (UN)	2007-2010	●
USA	Sedona (VQ)	2006-2014	●
USA	Sedona (YP)	2015-2020	●
USA	Sorento (BL)	2007-2009	●
USA	Sorento (UMA)	2016-2019	●
USA	Sorento (XM)	2011-2015	●
USA	Soul (AM)	2010-2013	●
USA	Soul (PS)	2014-2019	●
USA	Soul (SK3)	2019-2020	●
USA	Spectra (LD)	2004-2009	●
USA	Sportage (KM)	2005-2010	●
USA	Sportage (QL)	2016-2020	●
USA	Sportage (SL)	2011-2016	●
USA	Stinger (CK)	2018-2019	●
USA	Telluride (ON)	2020-2020	●
ETC Function List			

ECU Learning Value Reset After Component Replacement
ETC Motor Cleaning
Resetting Adaptive Values
Adaptive Value BackUp & Input (ECU Tranfer Assy replacement at once)
Adaptive Value BackUp & Input (ECU replacement)
Auto Detected Configuration Reset

KIA INJ Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	INJ
GENERAL	Carens (FJ)	2006-2007	●
GENERAL	Carens (UN)	2007-2013	●
GENERAL	Carens/Rondo (RP)	2014-2019	●
GENERAL	Carnival/Sedona (GQ)	2002-2006	●
GENERAL	Carnival/Sedona (VQ)	2006-2015	●
GENERAL	Carnival/Sedona (YP)	2015-2019	●
GENERAL	Cee' d (ED)	2006-2013	●
GENERAL	Cee' d (JD)	2013-2018	●
GENERAL	Cerato (LD)	2006-2009	●
GENERAL	Cerato/Forte (YD)	2016-2019	●
GENERAL	K2500/K2700/K3000/K3000S (PU)	2004-2019	●
GENERAL	Mohave/Borrego (HM)	2009-2019	●
GENERAL	Optima (JF)	2016-2020	●
GENERAL	Optima (TF)	2012-2016	●
GENERAL	Optima/Magentis (MG)	2006-2010	●
GENERAL	Picanto (SA)	2006-2011	●
GENERAL	RIO (JB)	2005-2012	●
GENERAL	RIO (SC)	2018-2020	●
GENERAL	RIO (UB)	2012-2018	●
GENERAL	RIO (YB)	2017-2020	●
GENERAL	Sorento (BL)	2004-2010	●
GENERAL	Sorento (UM)	2015-2020	●
GENERAL	Sorento (XM)	2009-2015	●
GENERAL	Soul (AM)	2009-2014	●
GENERAL	Soul (PS)	2013-2019	●
GENERAL	Soul (PS) -For Mexico	2016-2019	●
GENERAL	Sportage (KM)	2006-2010	●
GENERAL	Sportage (QL)	2016-2019	●
GENERAL	Sportage (QLE)	2016-2019	●
GENERAL	Sportage (QLE) -For Mexico	2016-2019	●
GENERAL	Sportage (SL)	2011-2016	●
GENERAL	Sportage (SLE)	2011-2016	●
GENERAL	Stinger (CK)	2018-2019	●
GENERAL	Stonic (YB CUV)	2018-2018	●
GENERAL	Venga (YN)	2010-2020	●

INJ Function List

Injector Specific Data

Resetting Heating Injector Adaptive Value

KIA OIL Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	OIL
GENERAL	Cadenza (VG)	2013-2016	●
GENERAL	Cadenza (YG)	2017-2019	●
GENERAL	Carens/Rondo (RP)	2014-2019	●
GENERAL	Carnival/Sedona (YP)	2016-2019	●
GENERAL	Cee' d (CD)	2019-2019	●
GENERAL	Cee' d (JD)	2013-2018	●
GENERAL	Cerato/Forte (BD)	2019-2019	●
GENERAL	Cerato/Forte (BDm)	2019-2020	●
GENERAL	Cerato/Forte (YD)	2013-2019	●
GENERAL	Cerato/Forte (YDm)	2017-2019	●
GENERAL	K900 (RJ)	2019-2020	●
GENERAL	Mohave/Borrego (HM)	2017-2019	●
GENERAL	Niro (DE EV)	2019-2019	●
GENERAL	Niro (DE HEV)	2016-2019	●
GENERAL	Niro (DE HEV)-For Mexico	2017-2019	●
GENERAL	Niro (DE PHEV)	2018-2019	●
GENERAL	Niro (DE PHEV)-For Mexico	2017-2019	●
GENERAL	Optima (JF)	2016-2020	●
GENERAL	Optima HEV (JF HEV)	2016-2019	●
GENERAL	Optima PHEV (JF PHEV)	2016-2019	●
GENERAL	Pegas/Soluto (AB)	2018-2020	●
GENERAL	Picanto/Morning (JA)	2018-2019	●
GENERAL	Quoris (KH)	2013-2018	●
GENERAL	RIO (FB)	2018-2019	●
GENERAL	RIO (SC)	2017-2020	●
GENERAL	RIO (YB)	2017-2020	●
GENERAL	Sorento (UM)	2015-2020	●
GENERAL	Sorento (XM)	2013-2015	●
GENERAL	Soul EV (PS EV)	2015-2019	●
GENERAL	Soul EV (SK3 EV)	2019-2020	●
GENERAL	Soul EV (SK3 EV)-For Mexico	2019-2020	●
GENERAL	Soul (PS)	2013-2019	●
GENERAL	Soul (PS)-For Mexico	2016-2019	●
GENERAL	Soul (SK3)	2019-2020	●
GENERAL	Sportage (QL)	2016-2019	●
GENERAL	Sportage (QLE)	2016-2019	●
GENERAL	Sportage (QLE)-For Mexico	2016-2019	●
GENERAL	Stinger (CK)	2019-2019	●
GENERAL	Stonic (YB CUV)	2018-2020	●
GENERAL	Telluride (ON)	2020-2020	●
GENERAL	Telluride (ON)-For Mexico	2020-2020	●

OIL Function List

Service Reminder Setting

KIA SAS Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	SAS
GENERAL	Cadenza (VG)	2010-2016	●
GENERAL	Cadenza (YG)	2017-2019	●
GENERAL	Carens/Rondo (RP)	2014-2019	●
GENERAL	Carnival (YP) - Israel	2016-2019	●
GENERAL	Carnival/Sedona (VQ)	2006-2015	●
GENERAL	Carnival/Sedona (YP)	2015-2019	●
GENERAL	Cee'd (CD)	2019-2019	●
GENERAL	Cee'd (ED)	2006-2013	●
GENERAL	Cee'd (JD)	2013-2018	●
GENERAL	Cerato/Forte (BD)	2019-2019	●
GENERAL	Cerato/Forte (BDm)	2019-2020	●
GENERAL	Cerato/Forte (TD)	2009-2013	●
GENERAL	Cerato/Forte (YD)	2013-2019	●
GENERAL	Cerato/Forte (YDm)	2017-2019	●
GENERAL	K900 (RJ)	2019-2020	●
GENERAL	Mohave/Borrego (HM)	2009-2019	●
GENERAL	Niro (DE EV)	2019-2019	●
GENERAL	Niro (DE HEV)	2016-2019	●
GENERAL	Niro (DE HEV)-For Mexico	2017-2019	●
GENERAL	Niro (DE PHEV)	2017-2019	●
GENERAL	Niro (DE PHEV)-For Mexico	2017-2019	●
GENERAL	Optima (JF)	2016-2020	●
GENERAL	Optima HEV (JF HEV)	2016-2019	●
GENERAL	Optima HEV (TF HEV)	2012-2015	●
GENERAL	Optima PHEV (JF PHEV)	2016-2019	●
GENERAL	Optima (JFA) - For Central And South America	2016-2020	●
GENERAL	Optima (QF)-For Central and South America	2011-2015	●
GENERAL	Optima (TF)	2011-2016	●
GENERAL	Pegas/Soluto (AB)	2018-2020	●
GENERAL	Picanto (TA)	2012-2019	●
GENERAL	Picanto/Morning (JA)	2018-2019	●
GENERAL	Quoris (KH)	2013-2018	●
GENERAL	RIO (FB)	2018-2019	●
GENERAL	RIO (QBR)	2012-2018	●
GENERAL	RIO (SC)	2017-2020	●
GENERAL	RIO (UB)	2012-2018	●
GENERAL	RIO (YB)	2017-2020	●
GENERAL	Sorento (BL)	2006-2010	●
GENERAL	Sorento (UM)	2015-2020	●
GENERAL	Sorento (UMA)-For Central And South America	2016-2019	●
GENERAL	Sorento (XM)	2009-2015	●
GENERAL	Sorento (XMA)-For Central and South America	2011-2015	●
GENERAL	Soul EV (PS EV)	2015-2019	●
GENERAL	Soul EV (SK3 EV)	2019-2020	●
GENERAL	Soul EV (SK3 EV)-For Mexico	2019-2020	●
GENERAL	Soul (AM)	2009-2014	●
GENERAL	Soul (PS)	2013-2019	●
GENERAL	Soul (PS)-For Mexico	2016-2019	●

GENERAL	Soul (SK3)	2019-2020	●
GENERAL	Soul (SK3)-For Mexico	2019-2020	●
GENERAL	Sportage (QL)	2016-2019	●
GENERAL	Sportage (QL)-For Mexico	2019-2019	●
GENERAL	Sportage (QLE)	2016-2019	●
GENERAL	Sportage (QLE)-For Mexico	2016-2019	●
GENERAL	Sportage (SL)	2011-2016	●
GENERAL	Sportage (SLE)	2011-2016	●
GENERAL	Stinger (CK)	2018-2019	●
GENERAL	Stonic (YB CUV)	2018-2020	●
GENERAL	Telluride (ON)	2020-2020	●
GENERAL	Telluride (ON)-For Mexico	2020-2020	●
GENERAL	Venga (YN)	2010-2020	●
USA	Borrego (HM)	2009-2011	●
USA	Cadenza (VG)	2014-2017	●
USA	Cadenza (YG)	2017-2019	●
USA	Forte (BDm)	2019-2019	●
USA	Forte (YD)	2014-2018	●
USA	Forte (YDm)	2017-2018	●
USA	Forte/Forte Koup (TD)	2010-2013	●
USA	K900 (KH)	2015-2018	●
USA	K900 (RJ)	2019-2019	●
USA	Niro (DE EV)	2019-2019	●
USA	Niro (DE HEV)	2017-2019	●
USA	Niro (DE PHEV)	2018-2019	●
USA	Optima Hybrid (JF HEV)	2016-2020	●
USA	Optima Hybrid (TF HEV)	2011-2016	●
USA	Optima PHEV (JF PHEV)	2017-2020	●
USA	Optima (JF)	2016-2019	●
USA	Optima (JFA)	2016-2019	●
USA	Optima (TF/QF)	2011-2015	●
USA	RIO (SC)	2018-2019	●
USA	RIO (UB)	2012-2017	●
USA	Sedona (VQ)	2006-2014	●
USA	Sedona (YP)	2015-2020	●
USA	Sorento (BL)	2007-2009	●
USA	Sorento (UMA)	2016-2019	●
USA	Sorento (XM)	2011-2015	●
USA	Soul EV (PS EV)	2015-2019	●
USA	Soul EV (SK3 EV)	2019-2020	●
USA	Soul (AM)	2010-2013	●
USA	Soul (PS)	2014-2019	●
USA	Soul (SK3)	2019-2020	●
USA	Sportage (QL)	2016-2020	●
USA	Sportage (SL)	2011-2016	●
USA	Stinger (CK)	2018-2019	●
USA	Telluride (ON)	2020-2020	●

### SAS Function List

ASP Calibration

Steering Angle Sensor Calibration

Steering Limit Position Setting

Power Steering ECU

Part Exchange (Power Steering ECU)

Power Steering Motor

Part Exchange (Power Steering Motor)

Longitudinal G Sensor Calibration
Longitudinal G Sensor Calibration(HAC/DBC Only)
EPS Type Recognition(Koup)
EPS Variant Coding
G-Sensor Calibration
Set The Steering Feel Torque To Zero



KIA TPM Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	TPM
GENERAL	Cadenza (VG)	2013-2016	●
GENERAL	Cadenza (YG)	2017-2019	●
GENERAL	Carens/Rondo (RP)	2014-2019	●
GENERAL	Carnival (YP) - Israel	2016-2019	●
GENERAL	Carnival/Sedona (YP)	2015-2019	●
GENERAL	Cee'd (CD)	2019-2019	●
GENERAL	Cee'd (ED)	2007-2013	●
GENERAL	Cee'd (JD)	2013-2018	●
GENERAL	Cerato/Forte (BD)	2019-2019	●
GENERAL	Cerato/Forte (BDm)	2019-2020	●
GENERAL	Cerato/Forte (YD)	2015-2019	●
GENERAL	Cerato/Forte (YDm)	2017-2019	●
GENERAL	K900 (RJ)	2019-2020	●
GENERAL	Mohave/Borrego (HM)	2017-2019	●
GENERAL	Niro (DE EV)	2019-2019	●
GENERAL	Niro (DE HEV)	2016-2019	●
GENERAL	Niro (DE HEV)-For Mexico	2017-2019	●
GENERAL	Niro (DE PHEV)	2017-2019	●
GENERAL	Niro (DE PHEV)-For Mexico	2017-2019	●
GENERAL	Optima (JF)	2016-2020	●
GENERAL	Optima HEV (JF HEV)	2016-2019	●
GENERAL	Optima HEV (TF HEV)	2012-2015	●
GENERAL	Optima PHEV (JF PHEV)	2016-2019	●
GENERAL	Optima (JFA) - For Central And South America	2016-2020	●
GENERAL	Optima (QF)-For Central and South America	2011-2015	●
GENERAL	Optima (TF)	2011-2016	●
GENERAL	Picanto (TA)	2015-2019	●
GENERAL	Picanto/Morning (JA)	2018-2019	●
GENERAL	Quoris (KH)	2013-2018	●
GENERAL	RIO (FB)	2018-2019	●
GENERAL	RIO (SC)	2017-2020	●
GENERAL	RIO (UB)	2012-2018	●
GENERAL	RIO (YB)	2017-2020	●
GENERAL	Sorento (UM)	2015-2020	●
GENERAL	Sorento (UMA)-For Central And South America	2016-2019	●
GENERAL	Sorento (XM)	2009-2015	●
GENERAL	Sorento (XMA)-For Central and South America	2011-2015	●
GENERAL	Soul EV (PS EV)	2015-2019	●
GENERAL	Soul EV (SK3 EV)	2019-2020	●
GENERAL	Soul EV (SK3 EV)-For Mexico	2019-2020	●
GENERAL	Soul (AM)	2009-2014	●
GENERAL	Soul (PS)	2013-2019	●
GENERAL	Soul (PS)-For Mexico	2016-2019	●
GENERAL	Soul (SK3)	2019-2020	●
GENERAL	Soul (SK3)-For Mexico	2019-2020	●
GENERAL	Sportage (QL)	2016-2019	●
GENERAL	Sportage (QL)-For Mexico	2019-2019	●
GENERAL	Sportage (QLE)	2016-2019	●

GENERAL	Sportage (QLE) -For Mexico	2016-2019	●
GENERAL	Sportage (SL)	2011-2016	●
GENERAL	Sportage (SLE)	2011-2016	●
GENERAL	Stinger (CK)	2018-2019	●
GENERAL	Stonic (YB CUV)	2018-2020	●
GENERAL	Telluride (ON)	2020-2020	●
GENERAL	Telluride (ON) -For Mexico	2020-2020	●
GENERAL	Venga (YN)	2010-2020	●
USA	Amanti (GH)	2007-2009	●
USA	Borrego (HM)	2009-2011	●
USA	Cadenza (VG)	2014-2017	●
USA	Cadenza (YG)	2017-2019	●
USA	Forte (BDm)	2019-2019	●
USA	Forte (YD)	2014-2018	●
USA	Forte (YDm)	2017-2018	●
USA	Forte/Forte Koup (TD)	2010-2013	●
USA	K900 (KH)	2015-2018	●
USA	K900 (RJ)	2019-2019	●
USA	Optima Hybrid (JF HEV)	2016-2020	●
USA	Optima Hybrid (TF HEV)	2011-2016	●
USA	Optima PHEV (JF PHEV)	2017-2020	●
USA	Optima (JF)	2016-2019	●
USA	Optima (JFA)	2016-2019	●
USA	Optima (MG)	2006-2010	●
USA	Optima (TF/QF)	2011-2015	●
USA	RIO (JB)	2006-2012	●
USA	RIO (SC)	2018-2019	●
USA	RIO (UB)	2012-2017	●
USA	Rondo (UN)	2007-2010	●
USA	Sedona (VQ)	2006-2014	●
USA	Sedona (YP)	2015-2020	●
USA	Sorento (BL)	2007-2009	●
USA	Sorento (UMA)	2016-2019	●
USA	Sorento (XM)	2011-2015	●
USA	Soul EV (PS EV)	2015-2019	●
USA	Soul EV (SK3 EV)	2019-2020	●
USA	Soul (AM)	2010-2013	●
USA	Soul (PS)	2014-2019	●
USA	Soul (SK3)	2019-2020	●
USA	Spectra (LD)	2007-2009	●
USA	Sportage (KM)	2005-2010	●
USA	Sportage (QL)	2016-2020	●
USA	Sportage (SL)	2011-2016	●
USA	Stinger (CK)	2018-2019	●
USA	Telluride (ON)	2020-2020	●

TPM Function List

Tire pressure Save (SET)

Wheel Sensor ID Writing

TPMS Mode Configuration

TPMS Variant Coding

KIA BLD Function List (Note: For reference only)

NOTES:

● This function is supported.

※ This function may be supported, which depends on the actual condition of the vehicle.

○ This function is not supported.

▲ This function is the new feature in this version.

Area	Model	Year	BLD
GENERAL	Cadenza (VG)	2010-2016	●
GENERAL	Cadenza (YG)	2017-2019	●
GENERAL	Carens (FJ)	2000-2007	●
GENERAL	Carens (UN)	2007-2013	●
GENERAL	Carens/Rondo (RP)	2014-2019	●
GENERAL	Carnival (YP) - Israel	2016-2019	●
GENERAL	Carnival/Sedona (GQ)	1998-2006	●
GENERAL	Carnival/Sedona (VQ)	2006-2015	●
GENERAL	Carnival/Sedona (YP)	2015-2019	●
GENERAL	Cee'd (CD)	2019-2019	●
GENERAL	Cee'd (ED)	2006-2013	●
GENERAL	Cee'd (JD)	2013-2018	●
GENERAL	Cerato (LD)	2003-2009	●
GENERAL	Cerato/Forte (BD)	2019-2019	●
GENERAL	Cerato/Forte (BDm)	2019-2020	●
GENERAL	Cerato/Forte (TD)	2009-2013	●
GENERAL	Cerato/Forte (YD)	2013-2019	●
GENERAL	Cerato/Forte (YDm)	2017-2019	●
GENERAL	Joice (N0)	1999-2002	●
GENERAL	K2500/K2700/K3000/K3000S (PU)	2004-2019	●
GENERAL	K900 (RJ)	2019-2020	●
GENERAL	Mohave/Borrego (HM)	2009-2019	●
GENERAL	Opirus (GH)	2004-2010	●
GENERAL	Optima (JF)	2016-2020	●
GENERAL	Optima HEV (TF HEV)	2012-2014	●
GENERAL	Optima (JFA)-For Central And South America	2016-2020	●
GENERAL	Optima (QF)-For Central and South America	2011-2015	●
GENERAL	Optima (TF)	2011-2016	●
GENERAL	Optima/Magentis (MG)	2006-2010	●
GENERAL	Optima/Magentis (MS)	2001-2006	●
GENERAL	Pegas/Soluto (AB)	2018-2020	●
GENERAL	Picanto (SA)	2003-2011	●
GENERAL	Picanto (TA)	2012-2019	●
GENERAL	Picanto/Morning (JA)	2018-2019	●
GENERAL	Quoris (KH)	2013-2018	●
GENERAL	RIO (BC)	2000-2013	●
GENERAL	RIO (FB)	2018-2019	●
GENERAL	RIO (JB)	2005-2012	●
GENERAL	RIO (QBR)	2012-2018	●
GENERAL	RIO (SC)	2017-2020	●
GENERAL	RIO (UB)	2012-2018	●
GENERAL	RIO (YB)	2017-2020	●
GENERAL	Sephia II (FB22)	1998-2004	●
GENERAL	Shuma/Spectra (SD)	1999-2004	●
GENERAL	Sorento (BL)	2002-2010	●
GENERAL	Sorento (UM)	2015-2020	●
GENERAL	Sorento (UMA)-For Central And South America	2016-2019	●
GENERAL	Sorento (XM)	2009-2015	●
GENERAL	Sorento (XMA)-For Central and South America	2011-2015	●
GENERAL	Soul EV (PS EV)	2015-2019	●
GENERAL	Soul (AM)	2009-2014	●
GENERAL	Soul (PS)	2013-2019	●

GENERAL	Soul (PS)-For Mexico	2016-2019	●
GENERAL	Soul (SK3)	2019-2020	●
GENERAL	Soul (SK3)-For Mexico	2019-2020	●
GENERAL	Sportage (AL)	2001-2004	●
GENERAL	Sportage (KM)	2005-2010	●
GENERAL	Sportage (QL)	2016-2019	●
GENERAL	Sportage (QL)-For Mexico	2019-2019	●
GENERAL	Sportage (QLE)	2016-2019	●
GENERAL	Sportage (QLE)-For Mexico	2016-2019	●
GENERAL	Sportage (SL)	2011-2016	●
GENERAL	Sportage (SLE)	2011-2016	●
GENERAL	Stinger (CK)	2018-2019	●
GENERAL	Stonic (YB CUV)	2018-2020	●
GENERAL	Telluride (ON)	2020-2020	●
GENERAL	Telluride (ON)-For Mexico	2020-2020	●
GENERAL	Venga (YN)	2010-2020	●
USA	Amanti (GH)	2004-2009	●
USA	Borrego (HM)	2009-2011	●
USA	Cadenza (VG)	2014-2017	●
USA	Cadenza (YG)	2017-2019	●
USA	Forte (BDm)	2019-2019	●
USA	Forte (YD)	2014-2018	●
USA	Forte (YDm)	2017-2018	●
USA	Forte/Forte Koup (TD)	2010-2013	●
USA	K900 (KH)	2015-2018	●
USA	K900 (RJ)	2019-2019	●
USA	Optima Hybrid (TF HEV)	2011-2013	●
USA	Optima (JF)	2016-2019	●
USA	Optima (JFA)	2016-2019	●
USA	Optima (MG)	2006-2010	●
USA	Optima (MS)	2001-2006	●
USA	Optima (TF/QF)	2011-2015	●
USA	RIO (BC)	2001-2005	●
USA	RIO (JB)	2006-2012	●
USA	RIO (SC)	2018-2019	●
USA	RIO (UB)	2012-2017	●
USA	Rondo (UN)	2007-2010	●
USA	Sedona (GQ)	2002-2005	●
USA	Sedona (VQ)	2006-2014	●
USA	Sedona (YP)	2015-2020	●
USA	Sephia (FB)	2000-2001	●
USA	Sorento (BL)	2003-2009	●
USA	Sorento (UMA)	2016-2019	●
USA	Sorento (XM)	2011-2015	●
USA	Soul EV (PS EV)	2015-2019	●
USA	Soul (AM)	2010-2013	●
USA	Soul (PS)	2014-2019	●
USA	Soul (SK3)	2019-2020	●
USA	Spectra (LD)	2004-2009	●
USA	Spectra (SD)	2000-2001	●
USA	Sportage (AL)	2001-2002	●
USA	Sportage (KM)	2005-2010	●
USA	Sportage (QL)	2016-2020	●
USA	Sportage (SL)	2011-2016	●
USA	Stinger (CK)	2018-2019	●
USA	Telluride (ON)	2020-2020	●

BLD Function List

Air Bleeding Mode

HCU Air Bleeding Mode

Air Bleeding Of Low Pressure Hose