

A	Amperes	AMS	Alternator Management System
AAF	Active Air Flap – front grill	APEAL	Auto Perf, Execution & Layout Study
AAT	Ambient Air Temp	APS	Acceleration Position Sensor
ABDC	After Bottom Dead Center	APS	Accelerator Position Sensor
ABS	Anti-Lock Brake System	APSM	Assist Power Seat Module
ABS/TCS	Anti-Lock Brake / Traction Control System	APT	A/C Pressure Transducer
A/C	Air Conditioning	APT	Anchor Pre-tensioner
AC	Alternating Current	APT	Automotive Pressure Transducer
ACC	Accessory	AQS	Air Quality System
ACC	Auto Cruise Control	ARB	Air Resource Board
ACC	Auto Climate Control	ARC	Additional Release Condition - EPB
ACCD	Automatic Climate Control Diagnostic	A-REMO	Auto Remote Control
ACIM	AC Induction Motor	ARISU	4 Chanel IPS
ACM	Air-bag Control Module - SRSCM	ARS	Armrest Switch
ACOL	Adaptive Cut-Off Line	A/S	After Service
ACU	Air-bag Control Unit - SRSCM	ASCC	Advance Smart Cruise Control
ACU	Alarm Control Unit	ASCM	Assist Power Seat Control Module
ACV	Air Control Valve	ASD	Amplitude Selective Damper
A/D	Analog to Digital	ASK	Amplitude Shift Keying - TPMS
ADAS	Advanced Driving Assistance System	A-SIS	Side Impact Sensor - Acceleration
ADB	Adaptive Driving Beam	ASP	Absolute Steering Position - EPS
ADM	Assist Door Module - Passenger side	ASPAS	Advanced Smart Parking Assist System
ADS	Auto Defog Sensor	AT	Automatic Transmission
ADU	Airbag Diagnostic Unit - SRSCM	ATDC	After Top Dead Center
AEB	Assist Emergency Braking	ATM	Automatic Transmission Module
AEB	Autonomous Emergency Braking	AT OH	Automatic Transmission Overhaul
AED	Automotive Electrical Diagnosis	ATT	Active Torque Transfer
AEWP	Auxiliary Electric Water Pump	AUV	Outlet Valve Aust = out
AFLM	Adaptive Front Lighting Module	AUX	Auxiliary
AFLS	Adaptive Front Lighting System	AV	Audio Visual
AFS-H	Adaptive Front Lighting System - Height	AVH	Automatic Vehicle Hold
AFS-G	Adaptive Front Lighting System - Gradient	AVM	Around View Monitor – now Surround View Monitor
AGCS	Active Geometry Control System	AVN	Audio Video Navigation
AGM	Absorbed Glass Mat - battery	AVRCP	Audio/Video Remote Control Profile
AHB	Active Hydraulic Booster	AVSM	Advanced Vehicle Stability Management
AHDA	Advanced Highway Driving Assist	AWD	All Wheel Drive
AHLS	Automatic Headlamp Leveling System	AWSS	Active Wheel Speed Sensor
AHLS	Active Hood Lift System	AYC	Active Yaw Control
AHR	Active Head Rest	A2DP	Advanced Audio Distribution Profile
AHSS	Advanced High Strength Steel		
AKA	Also Known As		
AL	Production Code for ~02 Sportage	-----B-----	
ALCA	Active Lateral Collision Avoidance	B+	Battery Positive
ALR	Automatic Locking Restraints	BAR	1 BAR is equal to 14.7 PSI or Barometric Pressure
ALT	Alternator	BARO	Barometric Pressure
AM	Production Code for Soul	BAS	Brake Assist System
AM	Amplitude Modulation	BATT	Battery
AMB	Ambient Air Temp Sensor	BAU	Brake Actuation Unit
AMP	Amperes	BBDC	Before Bottom Dead Center
AMP	Amplifier	BBVPS	Brake Booster Vacuum Pressure Sensor

BC	Production Code for ~05 Rio	CCC	Coupled Catalytic Converter
BC	Backup Camera	CCP	CAN Calibration Protocol
BCA-R	Blind Spot Collision Avoidance Assist - Rear	CCP	Center Control Panel
BCA-S	Blind Spot Collision Avoidance Assist - Side	CCS	Climate Controlled Seat
BCA w/ESA	Blind Spot Collision Avoidance Assist w/ Evasive Steering Assist	CCV	Canister Close Valve - normal open
B-CAN	Body CAN	CD	Compact Disc
BCI	Battery Council International	CD	Charge Depleting mode
BCM	Body Control Module	CDA	Cylinder Deactivation
BCS	Body Control System	CDA	City Driving Assist
BCW	Blind Spot Collision Warning	CDA II	City Driving Assist II
BDC	Bottom Dead Center	CDC	CD Changer
BEMF	Back (counter) Electromotive Force	CDW	Customer Delivery Worksheet
BES	Button Engine Start	CDX	Compact Disc Changer
BJ	Ball type CV Joint	CELO	Cold Engine Lock Out - AC Sys
BJT	Bipolar Junction Transistor	CES	Clutch Engagement System - DCT
BL	Production Code for ~09 Sorento	CGW	Cluster Gate-Way
BLAC	Brushless AC Motor	CGW	Central Gate Way
BLDC	Brushless DC Motor	CHMSL	Center High Mount Stop Lamp
BLM	Block Learn Memory	CI	Component Index
BLS	Brake Lamp Switch	CID	Cubic Inch Displacement
BMS	Battery Management System	CID	Cylinder Identification
BOM	Bill of Material – list of items in part #	CID	Component ID
BOP	Business Operating Plan	CL	Closed Loop
BPA	Battery Pack Assembly	CL	Component Location
BPF	Bond Pass Filter	CLH	Sensor - Center Left Hand - RPAS
BPS	Barometric Pressure Sensor	CLU	Cluster
BPT	Belt Pre-Tensioner	CLUM	Cluster Module
BS	Belt Buckle Switch	CKP	Crankshaft Position Sensor
BS	Brake Switch	CM	Control Module
BSD	Blind Spot Detection	C/M	Countermeasure
BSM	Balance Shaft Module	C-MDPS	Column Motor Driven Power Steering
BSZ	Blind Spot Zone	CMF	Closed Maintenance Free - Battery
BT	Blue-Tooth	CMP	Camshaft Position Sensor
BTCS	Brake Traction Control System	CMS	Camera Monitor System
BTDC	Before Top Dead Center	CO	Carbon Monoxide
BTM	Battery Temperature Modeling	CO2	Carbon Dioxide
BVM	Blind Spot View Monitor	COB	Close of Business
BVS	Brake Vacuum Sensor	COD'G	Coding - Variant Code
BWS	Back (up) Warning System	COP	Coil on Plug
BZM	Blind Zone Mirror	COSV	Change Over Solenoid Valve
-----C-----			
C	Centigrade - Celsius	CP	Car Play
CA	Clutch Actuator - DCT	CP	Canister Purge
CAB	Curtain Air Bag	CP	Control Pilot
CAFÉ	Corporate Average Fuel Economy	CP	Customer Pay
CALID	Calibration Identification	CPA	Connector Position Assurance clip
CAN	Controller Area Network	CPG	California Proving Grounds
CAN-H	CAN High	CPO	Certified Pre-Owned
CAN-L	CAN Low	CPS	Clutch Pressure Switch
CARB	California Air Resources Board	CPS	Certified Premier Specialist
CBC	Cornering Brake Control	CPU	Central Processing Unit
CC	Cruise Control	CRH	Sensor - Center Right Hand - RPAS
CC	Charge Cycle	CRS	Child Restraint System
C-CAN	Chassis CAN	CRS	Customer Retention Study
CCA	Cold Cranking Amps	CRT	Cathode Ray Tube
		CS	Charge Sustaining mode
		CSC	Concentric Slave Cylinder
		CSI	Customer Service Index
		CSLW	Camera Based Speed Limit Warning
		CSP	Corporate Sponsored Program

CT Closed Throttle  
 CTA Cross Traffic Assist  
 CUBIS Car Ubiquitous System  
 CVBS Composite Video Backup Signal  
 CUV Crossover Utility Vehicle  
 CV Connector Views  
 CV Constant Velocity  
 CVN Calibration Certification Number  
 CVT Continuously Variable Transmission  
 CVVL Continuously Variable Valve Lift  
 CVVT Continuously Variable Valve Timing  
 CY Calendar Year

-----D-----

DA Damper clutch operating pressure  
 DAA Drive Away Assist - EPB  
 DAA Driver Attention Alert  
 DAB Driver's Air Bag  
 DAP Digital Audio Player  
 DAR Drive Away Release  
 DAS Driving Assistant System  
 DATC Dual Air Temp Control  
 DATC Dual Automatic Temp Control  
 DATCM Dual Air Temp Control Module  
 DAW Driver Attention Warning  
 DB Data Base  
 DBC Down-Hill Brake Control  
 DBL Dynamic Bending Light  
 DBPT Driver's Seat Belt Pretensioner  
 DBSW Drivers Buckle Switch  
 DC Direct Current  
 DC Drive Cycle  
 DC Dual Clutch  
 D-CAN Diagnostic CAN  
 DCC Damper Clutch Control  
 DCC Downstream Catalytic Converter  
 DCT Dual Clutch Transmission  
 DDM Driver's Door Module  
 DDS Dual Diagonal System  
 DE Production Code for Niro  
 DEA Driver Emergency Assist  
 DEF Defroster  
 DEHA Direct Electro Hydraulic Actuator  
 DEHAC Direct Electro Hydraulic Actuator Clutch  
 DEHAC Direct Electro Hydraulic Actuator  
 Coupling  
 DFD Dynamic Fluid Dampening – dual stage  
 dampening  
 DFI Direct Fuel Injection  
 DFIS Drivers Front Impact Sensor  
 DIF Differential  
 DIH Drum In Hat - park brake drum in rotor  
 DIN Deutsche Industrie Normen - German  
 Institute for Standardization  
 DIO Dealer Installed Option  
 DIR Direct clutch operating pressure  
 DIS Direct Ignition System  
 DIS Driver Information System  
 DLC Data Link Connector

DLC Diagnostic Link Connector  
 DLC Data Length Code  
 DMB Digital Multimedia Broadcasting  
 DMM Digital Multi-meter  
 DMS Drive Mode Select  
 DMTL Diagnostic Module – Tank Leakage  
 DNP Dealer Network Price  
 DOHC Double (Dual) Over Head Cam  
 DOT Department Of Transportation  
 DPF Diesel Particulate Filter  
 DR Damper clutch release pressure  
 DRL Daytime Running Lights  
 DS Driver's Side  
 DSA Dealer Self Authorization  
 DSBBS Driver Seat Belt Buckle Switch  
 DSD Dynamic Standstill Detection \_ EPB  
 DSIS Drivers Side Impact Sensor  
 DSM Driver Status Monitor  
 DSO Digital Storage Oscilloscope  
 DSP Digital Signal Processor  
 DSS Driver Seat Switch  
 DST Daylight Savings Time  
 DSTS Drivers Seat Track Sensor  
 DTC Diagnostic Trouble Code  
 DTE Distance To Empty  
 DTM Diagnostic Test Mode  
 DTP Data Transfer Process  
 DTU Difficult to Understand or Use  
 DVOM Digital Volt Ohm Meter

-----E-----

EA External Apply - EPB  
 EAD Executive Approval Deck  
 EBD Electronic Brake force Distribution –ABS  
 (internal electronic proportioning valve)  
 EC Engine Clutch - HEV  
 ECC External Control Compressor  
 ECD Electric Controlled Deceleration - EPB  
 ECM Electro-Chromic Mirror  
 ECM Engine Control Module  
 ECO Economically Efficient  
 ECO Ecological – Environmentally Friendly  
 ECO-DAS Eco Driving Assistant System  
 E-COMP Electric A/C Compressor  
 ECS Engine Control System  
 ECS Electronic Control Suspension  
 ECT Engine Coolant Temperature  
 ECTS Engine Coolant Temperature Sensor  
 ECU Electronic Control Unit  
 ECV Electric (displacement) Control Valve - AC  
 ECW Electric Control Wiper  
 ECWP Engine Coolant Water Pump  
 EDC Engine Drag Control  
 EDPL Electro Dynamic Planer  
 EDR Event Data Recording  
 EDS Emergency Driving Support  
 EEPROM Electrically Erasable Programmable Read-  
 Only Memory  
 EEWP Engine Electric Water Pump

EFD	Emergency Fastening Device = Anchor - BPT	-----F-----	
E/G	Engine	F	Fahrenheit
EGO	Exhaust Gas Oxygen	FAM	Front Area Module
EGR	Exhaust Gas Recirculation	FAQ	Frequently Asked Questions
EHPS	Electronic Hydraulic Power Steering	FATC	Full Automatic Temperature Control
EHRS	Exhaust Heat Recovery System	FB	Production Code for Sephia
EIV	Inlet Valve Ein = in	FCA	Forward Collision-Avoidance Assist
ELCM	EVAP Leak Check Module	FCA-Car	Fwd Collision-Avoidance Assist - Car
ELR	Emergency Locking Restraints	FCA-Ped	Fwd Collision-Avoid Assist - Pedestrian
EMC	Electro Magnetic Coil	FCA-Cyc	Fwd Collision-Avoidance Assist - Cycle
EMC	Electro Magnetic Clutch	FCA-LO	Fwd Coll-Avoid Assist–Lane Change Oncoming
EMD	Engine Mechanical Diagnosis	FCA-LS	Fwd Coll-Avoid Assist-Lane Change Side
EMI	Electromagnetic Interference	FCA-JT	Fwd Coll-Avoid Assist – Junction Turning
EMS	Engine Management System	FCA-JC	Fwd Coll-Avoid Assist – Junction Crossing
EMS Box	EMS Related Fuse & Relay box in Engine Room Fuse Box	FCA w/ESA	Fwd Coll-Avoid Assist – w/ Evasive Steering Assist
E-MTR	Electric Motor	FCS	Fault Code Search
EO	Engineering Order	FCV	Fuel Cell Vehicle
EOL	End Of Line - Assembly Line	FCW	Front Collision Warning
EOP	Electric Oil Pump	FCW	Forward Collision Warning
EOP	End of Production	FCWS	Front Collision Warning System
EOT	Engine Oil Temperature	FCWS	Forward Collision Warning System
EPA	Environmental Protection Agency	FEM	Front End Module – in grill
EPB	Electric Parking Brake	FET	Field Effect Transistor
EPC	Electronic Parts Catalogue	FF	Front engine – Front drive
EPCU	Electric Power Control Unit	FFD	Freeze Frame Data
EPDM	Ethylene Propylene Diene Monomer – type of rubber	FFG	Feature Function Guide
EPMS	Electrical Power Management System	F&I	Finance & Insurance
EPS	Electric Power Steering	FIAB	Fast Idle Air Valve
EPSCM	Electronic Power Steering Control Module	FIL	Front Inside Left
E/R	Engine Room	FIR	Front Inside Right
ERN	Encrypted Random Number	FIS	Front Impact Sensor
ESC	Electronic Stability Control	F/L	Face Lift
ESCM	Electronic Stability Control Module	FLS	Fuel Level Sensor
ESCL	Electronic Steering Column Lock	FM	Frequency Modulation
ESP	Electronic Stability Program	FMCW	Frequency Modulation Continuous Wave
ESS	Emergency Stop Signal	FOB	Free On Board – price includes freight
EST	Electric Shift Transfer 4W Drive	FOIG	Fixed Operations Information Guide
ETACS	Electronic Time/Alarm Control System	FOL	Front Outside Left
ETM	Electronic Troubleshooting Manual	FOR	Front Outside Right
ETC	Electronic Throttle Control	FP	Fuel Pump
ETS	Electronic Throttle System	FPC	Flexible Printed Circuit
ETS	Engine Temperature Sensor	FPCV	Fuel Pressure Control Valve
ETWIS	Electronic time & Warning Indication System	PCM	Fuel Pump Control Module
EV	Electric Vehicle	FPO	For Placement Only
EVAP	Evaporative Emission System	FPR	Fuel Pressure Regulator
EVP	Electric Vacuum Pump	FPRV	Fuel Pressure Regulator Valve
EVP	Evaporative Vacuum Pump	FPS	Fuel Pressure Sensor
EVSE	Electric Vehicle Service Equipment - 110V & 220V EV Charging	FR	Front engine - Rear drive
EWGA	Electric Waste Gate Actuator - Turbo	FREQ	Frequency
EWP	Electric Water Pump - HEV	FRFT	Fix Right / First Time
EWR	Early Warning Report	FRPS	Fuel Rail Pressure Sensor
		FRRD	Free Running Differential
		FSAB	Front Side Air Bag
		FSJB	Front Smart Junction Box
		FSK	Frequency Shift Keying – TPMS – type of antenna
		FSL	Front Side Left

FSOC	Fault State Of Charge	HMI	Human Mechanical Interface
FSR	Front Side Right	HMI	Human Machine Interface
F-SIS	Front Side Impact Sensor	HMI	Human Motion Interface
FT	Fuel Trim	HO2S	Heated Oxygen Sensor
FTCS	Full Traction Control System	hPa	Hectopascals 1000 hPa = 1 bar = 14.7psi = 29.92”hg
FTIV	Fuel Tank Insulation (Isolation) Valve	HPA	High Pressure Accumulator
FTP	Federal Test Procedure	HPCU	Hybrid Power Control Unit
FTP	Fuel Tank Pressure	HPD	High Performance Damper
FTPS	Fuel Tank Pressure Sensor	HPP	High Pressure Pump
FTS	Fuel Temperature Sensor	HPS	Hydraulic Power Steering
FWD	Front Wheel Drive	HPU	Hybrid Power Unit
-----G-----			
G – Sensor	Acceleration Sensor	HPU	Hydraulic Power Unit
GCU	Generator Control Unit	HRD	Human Resource Development
GDI	Gasoline Direct Injection	HS	High Side GDI
GDU	Gear Differential Unit	HSC	High Speed CAN
GDS	Global Diagnostic System	HSD	High-Side Driver – power side controlled
GH	Production Code for Amanti	HSG	Hybrid Starter Generator
GLS	Sport Mode in EPS	HSP	High Scan Pro - scan-tool – replaced by GDS
GND	Ground	HSP	High Speed - HEV
GNSS	Global Navigation Satellite System	HSWS	Haptic Steering Warning System
GPS	Global Positioning System	HTML	Hyper Text Markup Language
GQ	Production Code for ~05 Sedona	HTR	High Temperature Re-clamp - EPB
GQ3355	Global Quality 3 <sup>rd</sup> in 3yrs – 5 <sup>th</sup> in 5 yrs	HTU	Hard to Use
GST	Generic Scan Tool	HU	Head Unit
GSW	Global Service Way – Worlds version of KGIS	HUD	Head Up Display
GTDI	Gasoline Turbocharged Direct Injection	H/Unit	Head Unit
GVW	Gross Vehicle Weight	HV	High Voltage
GVWR	Gross Vehicle Weight Rating	HVAC	Heater Ventilation and Air Conditioning
-----H-----			
H-CAN	Hybrid CAN	HVBS	High Voltage Battery System
H-CAN	CAN for EV Quick Charge	H/W	Hardware
H2O	Water	H/W	Hardwire
HAC	Hill Start Assist Control	H/Wire	Hard Wired
HBA	Hydraulic Braking Assist - HEV	HWP	Heater Water Pump
HBA	High Beam Assist	Hz	Hertz
HC	Hydrocarbons	-----I-----	
HCA	Hydrostatic Clutch Actuator	IAC	Idle Air Control
HCU	Hybrid Control Unit	IATS	Intake Air Temperature Sensor
HCU	Hydraulic Control Unit	IBAU	Integrated Brake Actuation Unit
HD	Heavy Duty	IBOX	Telematics - TMU
HD	High Definition	IBS	Intelligent Battery Sensor
HDA	Highway Driver Assist	IBS	Intelligent Battery System
HAD II	Highway Driver Assist II	IC	Integrated Circuit
HAD III	Highway Driver Assist III	IC	Internal Combustion - engine
HDD	Hard Disk Drive	ICA	Intelligent Collision Avoidance Assist
HECU	Hydraulic Electronic Control Unit	ICCB	In-Cable Control Box - 110V Charger EV
HEGO	Heated Exhaust Gas Oxygen	ICM	Ignition Control Module
HEV	Hybrid Electric Vehicle	ICM	Integrated Circuit Module
HFP	Hands Free Profile	ICM	Integrated Control Module
Hg	Mercury	ID	Identification
HID	High Intensity Discharge – xenon lamp	IDB	Injector Drive Box
HL	Harness Layout	IFB	Inter-Face Box
HL	HomeLink	IFS	Ignition Failure Sensor
HLA	Hydraulic Lash Adjuster	IFS	Intelligent Front Lighting System
HLLD	Head Lamp Leveling Device	IFS II	Intelligent Front Lighting System II
		IG	Ignition

IGBT	Insulated Gate Bipolar Transistor – in MCU/GCU	JF-PHEV	Production Code for 2017~Optima plug in Hybrid
IGN	Ignition		
IGPM	Integrated Gateway Power Control Module	-----K-----	
IHX	Internal Heat Exchanger	KAB	Knee Air Bag
IHS	Insurance Institute for Highway Safety	KAM	Keep Alive Memory
ILC	Instructor Led Course	Kbps	Kilo-Bits Per Second
ILM	Interior Lamp Module	KDEP	KIA Dealer of Excellence Program
I/M	Inspection and Maintenance	KDS	Kia Diagnostic System
IMMO	Immobilizer	Kg	Kilogram
IMS	Integrated Memory Seat	Kg/h	Kilograms per Hour
IMS	Integrated Memory System	KGIS	KIA Global Information System
IMS SW	Integrated Memory System Switch	KH	Production for K900
IMU	Inertial Measurement Units – contains yaw rate and lateral G and Longitudinal G Sensor	KHz	Kilohertz
INJ	Injector	KM	Production Code for 05~ Sportage
INT	Intermittent	KM	Kilometer
I/O	Input - Output	KMA	KIA Motors America
ION	Ionizer	KMC	KIA Motor Corp
IP	Instrument Panel	Kmh	Kilometer per Hour
IPC	Instrument Panel Cluster	KOEC	Key On Engine Crank
IPM	In Panel Module	KOEO	Key ON Engine OFF
IPM	Instrument Panel Module	KOER	Key ON Engine RUN
IPM	Intelligent integrated Platform Module (BCM)	KPA	Kilopascal
IPM	Interior Permanent Magnet	Kph	Kilometer per Hour
IPMSM	Interior-type Permanent Magnet Synchronous Motor	KPI	KIA Purchase Index
IPS	Intelligent Power Switch – in SJB/IPM/other	KPP	KIA Protection Plus
IPS	Intrusion Protection System	KS	Knock Sensor
IQS	Initial Quality Survey	KSI	KIA Service Index
IS	InSide – inside handle	KSIS	KIA Service Info System
ISA	Idle Speed Actuator	KTR	Secret Key
ISA	Intelligent Speed Assist	KTSA	Kids Transportation Safety Act
ISC	Idle Speed Control	KU	Kia University
ISCA	Idle Speed Control Actuator	KUID	Kia University Identification
ISG	Idle Stop & Go	KV	Kilovolts
ISG	Intergraded Starter Generator	KWIC	KIA Warranty Information Communication
I-SHEET	Installation Instructions	KWP	Key Word Protocol
ISIR	Initial Sample Inspection Report	-----L-----	
ISLA	Intelligent Speed Limit Assist	LAS	Lateral Acceleration Sensor
ISLW	Intelligent Speed Limit Warning	LATCH	Lower Anchors and Tethers for Children
ISO	International Standards Organization	LBA-D	Low Beam Assist - Dynamic
ITC	Interchangeability Code	LBA-S	Low Beam Assist - Static
ITM	Interactive Torque Management	LCA	Lane Change Assist
ITCC	Intelligent Torque Control Coupling	LCA	Lane Change Assistant
ITSS	Input/Turbine Speed Sensor	LCAD	Leak Current Auto-cut Device – Contains Power Saver fuse/switch
IUMPR	In Use Monitor Performance Report	L-CAN	Local CAN
IUVP	In-Use Verification Program – Part of Federal Emission Test	LCD	Liquid Crystal Display
IVR	Interactive Voice Response	LD	Production Code for 04~Spectra
-----J-----		LDC	Low Voltage DC-DC - Converter 270v to 12v
JB	Production Code for 06~ Rio	LDC	DC-DC Converter - 12v-12v stabilizer
JD	Production Code for Cee'd	LDM	Light Driver Module
JFA	Production Code for 2016~Optima KMMG	LDM	LED Driver Module
JF-HEV	Production Code for 2017~Optima Hybrid	LDW	Lane Departure Warning
		LDWS	Lane Departure Warning System
		LED	Light Emitting Diode
		LEV	Low Emission Vehicle
		LF	Low Frequency

LFA	Lane Following Assist	MF	Multi-Function
LFC	Linear Flow Control	MFC	Multi-Function Camera
LFI	Low Frequency Initiator	MFI	Multipoint Fuel Injection
LFW	Low Fuel Warning	MFR	Manufacture
LFU	Lift Foot Up – up-shift	MFS	Multi-Function Switch
LG	Lane Guidance	MFSW	Multi-Function Switch
LH	Left Hand	MG	Production Code for 06~ Optima
LHD	Left Hand Drive	MG	Motor / Generator
LHSC	Left Hand Seat Control	MGH	Mondo Product
Lib	Lithium ion Battery	MICOM	Micro Computer
LiFe	Lithium-ion Iron Phosphate Battery LiFePO4	MIL	Malfunction Indicator Lamp
LIN	Local Interconnect Network	MIN	Minimum
LiPB	Lithium ion Polymer Battery	MIN	Model Identification Number
LIVC	Late Intake Valve Closing	MIT	Multi-Media Interface Tester
LKA-L	Lane Keeping Assist Line	MLA	Mechanical Lash Adjuster
LKA-R	Lane Keeping Assist Road Edge	MM	Millimeter
LKAS	Lane Keeping Assist System	MM	Multi Media
LMS	Learning Management System	MM-CAN	Multi Media - CAN
LNA	Low Noise Amplifier	MON	Monitor
LPA	Low Pressure Accumulator	MOP	Mechanical Oil Pump
LPP	Low Pressure Pump	MOSFET	Metal Oxide Semiconductor Field Effect Transistor
LR	Low and Reverse Brake Operating Pressure	MOST	Media Oriented Systems Transport
LS	Low Side GDI	MP	Mass Production
LSD	Limited Slip Differential	MPA	Mobis Parts America
LSD	Low-Side Driver – ground side controlled	MPG	Miles Per Gallon
LSE	Localize Synchronization Emission	MPH	Miles Per Hour
LSID	Lock Smith Identification	MPI	Multi Point Injection
LSP	Low Speed - HEV	MPI	Multi Port Injection
LTFT	Long Term Fuel Trim	MPKH	Miles Per Kilowatt Hour
LTS	Labor Time Standard	MPS	Motor Position Sensor
LTS	Labor Time Study	MPU	Motor Power Unit
LUT	Look Up Table	MPV	Multipurpose Passenger Vehicle
LV	Lane View	MP3	Digital Audio Files and/or Player
LVDS	Low Voltage Differential Signal	MRS	Motor Rotation Sensor
LWB	Long Wheel Base	mS	Millisecond
-----M-----			
MAF	Mass Air Flow	MS	Production Code for ~06 Optima
MAP	Manifold Absolute Pressure	MSC	Motor Speed Control
MAPS	Manifold Absolute Pressure Sensor	MSCL	Mechanical Steering Column Lock
MAT	Manifold Air Temperature	MSD	Multiple Spark Discharge
Mbps	Mega-Bits Per Second	MSDS	Material Safety Data Sheet
M-CAN	Multimedia CAN	MSL	Mechatronic Steering Lock
MCC	Multipurpose Check Connector	MSLA	Manual Speed Limit Assist
MCCD	Manual Climate Control Diagnostic	MSO	Manufactures' Statement of Origin
MCP	Master Cylinder Pressure	MSRP	Manufacture Suggested Retail Price
MCU	Microprocessor Control Unit	MT	Manual Transmission
MCU	Motor Control Unit / Inverter - HEV	MTC	Manual Temperature Control
MDPS	Motor Driven Power Steering	MTS	Mozen Telematics System
MDPSCM	Motor Driven Power Steering Control Module	mV	Millivolt
MEB4	Mobis Electronic Brake 4 – ECS built by Mobis	MWP	Mechanical Water Pump
MEC	Manufacturer Encryption Code	MY	Model Year
MELCO	Mitsubishi Electronic Company Engine Management System	-----N-----	
MF	Maintenance Free	N	Nitrogen
		NA	Not Applicable
		NA	North America
		NAV	Navigation
		NAVI	Navigation
		NEC-MCU	this is inside of the Smart-key Module

NC	Normally Closed
NC	Neutral Control – Auto Trans
NG	No Good
NGDS	Next Generation Diagnostic System
Nm	Newton meter
NMOG	Non-Methane organic Gas
NO	Normally Open
NOx	Nitrogen Oxides -- Oxides of Nitrogen
NOx1	NOx Sensor 1
NOx2	NOx Sensor 2
NOT	Normal Operating Temperature
NPI	National Press Introduction
NSSC-Z	Navigation based Smart Cruise Ctrl Zone
NSSC-C	Navigation based Smart Cruise Ctrl Curve
NSSC-R	Navigation based Smart Cruise Ctrl Ramp
NSP	No Speed - stop mode - HEV
NSW	Neutral Safety Switch
NTC	Negative Temperature Coefficient Thermistor
NTF	No Trouble Found
NV	Night Vision
NVH	Noise, Vibration, Harshness
NVLD	Natural Vacuum Leakage Detection
NVLD II	Natural Vacuum Leakage Detection – 2
NVM	Night View Monitor
NVS	Night Vision Safety mirror

-----O-----


OAD	Overrunning Alternator De-coupler
OBC	On-Board Charger
OBD	On Board Diagnostic
OBD I	On Board Diagnostic generation 1
OBD II	On Board Diagnostic generation 2
OBDM	On Board Diagnostic Monitor
OC	Oxidation Catalyst
OCL	Open Current Limit
OCS	Occupant Classification System
OCS	Occupant Classification Sensor
OCV	Oil Control Valve
OD	Outside Diameter
O/D	Overdrive
OD	Overdrive clutch operating pressure
ODS	Occupant Detection System
ODS	Occupant Detection Sensor
OEM	Original Equipment Manufacturer
OH	Overhaul
OHC	Overhead Cam
OHC	Overhead Console
OHCL	Overhead Console
OHEV	Optima Hybrid Electric Vehicle
OL	Open Loop
OLED	Organic Light Emitting Diode
OPI	Electric Oil Pump Inverter
OPS	Oil Pressure Sensor
OPU	Oil Pump control Unit HEV Trans
OPU	Oil Pump Unit
ORC	Oxidation Reduction Converter
ORVR	Onboard Refueling Vapor Recovery
OSAT	Overall Satisfaction

OTA	Over The Air
OTG	On The Go – USB Cable
OTS	Oil Temp Sensor
OWC	One Way Clutch
OS	Oxygen Sensor
O2	Oxygen
O2S	O2 Sensor

-----P-----

PA-AGD	Parking Assist - Angled
PA-PDF	Parking Assist Perpendicular Forward
PA-PDR	Parking Assist Perpendicular Reverse
PA-PRL	Parking Assist - Parallel
PAB	Passenger Air Bag
PAG	Polyalkylene Glycol – AC Oil
PAH	Polycyclic Aromatic Hydrocarbon
PAS	Parking Assist System
PAS	Parking Assist Sensor
PASS	Passenger
PAW	Pedestrian Attention Warning
Pb	Lead – Lead Acid Battery
PBA	Panic Brake Assist
PBAP	Phone Book Access Profile
PBPT	Passenger’s Seat Belt Pre-tensioner
PBSW	Passenger’s Buckle Switch
PBS	Push Button Start
P/C	Power Closing
PCA-R	Parking Collision Avoid Assist Reverse
PCA-F	Parking Collision Avoid Assist Forward
PCA-S	Parking Collision Avoid Assist Side
P-CAN	Power Train CAN
PCB	Printed Circuit Board
PCB	Process Control Block – Fuse / Junction Box
PCL	Programmable Current Limit
PCM	Power-train Control Module
PCSV	Purge Control Solenoid Valve
PCU	Powertrain Control Unit
PCU	Power Control Unit
PCU	Power Close Unit
PCU	Power Clinching Unit
PCV	Positive Crankcase Ventilation
PCW-R	Parking Collision Warning Reverse
PCW-F	Parking Collision Warning Forward
PCW-S	Parking Collision Warning Side
PD	Proximity Detection
PDA	Personal Digital Assistant
PDF	One signal from PDT
PDI	Pre Delivery Inspection
PDL	Power Door Latch
PDM	Passenger Door Module
PDM	Power Distribution Module
PDT	Brake Pedal Travel Sensor
PDW-F	Parking Distance Warning - Forward
PDW-R	Parking Distance Warning - Reverse
PDW-S	Parking Distance Warning - Side
PE	Power Electric
PE	Power Electronics
PE	Power Engine



PE	Product Enhancement	PSM	Power Seat Memory
PEU	Base Pressure for EU TPMS	PSM	Power Seat Module
PFC	Power Factor Correction	PSPS	Power Steering Pressure Switch
PFI	Port Fuel Injection	PSS	Push Button Start System
PFIS	Passenger's Drivers Front Impact Sensor	PSU	Pressure Source Unit
PG-A	Input Speed Sensor	PSV	Purge Solenoid Valve - normal closed
PG-B	Output Speed Sensor	PT	Powertrain
PGS	Parking Guidance system – moves grid for rear camera	PT	Preproduction Trial
		PTC	Positive Temperature Coefficient Thermistor
PHEV	Plug in Hybrid Electric Vehicle		
PIC	Personal Identification Code	PTC	Positive Temperature Coefficient – Electric heater for EV
PIC	Personal Identification Card – Push Button Start		
PID	Parameter ID	PTG	Power Tailgate
PIG	Product Information Guide	PTGM	Power Tailgate Module
PII	Personally Identifiable Information	PTL	Power Trunk Lid
PIN	Personal Identification Number	PTLM	Power Trunk Lid Module
PIO	Port Installed Option	PTM	Power Trunk Module
PLL	Phase-Locked Loop	PTS	Pedal Travel Sensor
PM	Particulate Matter	PUP	Port updated Program
PM	Particle Material Sensor	PUT	Pressure Upstream Throttle
P-MDPS	Pinion Motor Driven Power Steering	PVB	Polly Vinyl Butal
PMG	Permanent Magnet Generator	PVD	Physical Vapor Deposition
PMSM	Permanent Magnet Synchronous Motor	PVD	PVD is a coating on the top piston to reduce friction
POD	Port of Departure		
POD	Problems on Delivery	PVE	Polyvinyl Ether – A/C system oil
PODS	Passive Occupant Detection System	PWA	Prior Warranty Authorization
PODS	Passenger Occupant Detection System	PWM	Pulse Width Modulation
POE	Port of Entry	PWR	Power
POE	Polyolester – A/C system oil		
POF	Plastic Optical Fiber		
POI	Points of Interest	-----Q-----	
POS	Positive	QCS	Quick Charging System – high voltage EV charging
POS	Point of Sale	QF	Production Code for Optima from KMMG
POT	Potentiometer	QL	Production Code for 2017~ Sportage
PPD	Passenger Presence Detection	QR	Quick Response Code 
PPE	Personal Protection Equipment	QRA	Quick Charge Relay Assembly
PPM	Parts Per Million	QRG	Quick Reference Guide
PRA	Power Relay Assembly		
PRCF	Residual Coring Force – Tire Construction	-----R-----	
PRG	Product Reference Guide	RAD	Runaway Arresting Device - EV
PRNDL	Park Reverse Neutral Drive Low	RBC	Regenerative Braking Cooperation Control
PS	Passenger Side	RAM	Rear Area Module
PS	Power Steering	RAM	Random Access Memory
PS	Production Code for 2014~ Soul	RAR	Roll Away Re-clamp - EPB
PSAP	Public Safety Answering Point	RCA	Rear End Collision Avoidance Assist
PSB	Pre-Safe Seat Belt	RCCA	Rear Cross Traffic Collision Avoid Assist
PSB	Pre-safety Seat Belt	RCCW	Rear Cross Traffic Collision Warning
PSB-LH	Pre-safety Seat Belt- Left Hand	RCD	Rear Camera Display
PSB-RH	Pre-safety Seat Belt- Right Hand	RCF	Reduced Clamp Force - EPB
PSBBS	Passenger Seat Belt Buckle Switch	RCL	Rear Center Left
PSCM	Power Seat Control Module	RCP	Recommended Cold Pressure
PSD	Power Sliding Door	Rc/Rp	Pump Cell Voltage
PSDM	Power Sliding Door Module	RCR	Rear Center Right
PSF	Power Steering Fluid	RCT	Rom Change Tool = under-hood DCL
PSGR	Passenger	RCTA	Rear Cross Traffic Alert
PSI	Pounds Per Square Inch	RCTI	Rear Cross Traffic Intervention
PSIS	Passenger's Side Impact Sensor	RCV	Recirculation Control Valve - Turbo
P-SIS	Pressure Side Impact Sensor	RCW	Rear End Collision Warning
		RDR	Retail Delivery Report

RDSIS	Rear Drivers Side Impact Sensor	SAB	Side Air Bag
RED	Reduction clutch operating pressure	SAE	Society of Automotive Engineers
REZ	Resolver	SAEV	Shared Autonomous Electric Vehicle
RF	Radio Frequency	SAS	Steering Angle Sensor
RFC	Radio Frequency Choke	SAS	Speed Adjust Screw
RFI	Radio Frequency Interference	SBBS	Seat Belt Buckle Switch
RFI	Request For Information	SBL	Static Bending Light
RH	Right Hand	SBSD	Smart Blind Spot Detection
RHD	Right Hand Drive	SBW	Shift By Wire
RHSC	Right Hand Seat Control	SC	Smart Connector – small control module
RIL	Rear Inside Left	SCA	Soft Closing Actuator
RIR	Rear Inside Right	SCC	Smart Cruise Control
RKE	Remote Key Entry	SCCw/S&G	Smart Cruise Control with Stop & Go
RL	Rear Left	SCK	Serial Clock Input - FATC
RLDM	Rear Left Door Module	SCM	Steering Column Module
RMA	Return Merchandise Authorization	SCPVS	Standardized Price Per Vehicle Service
R-MDPS	Rack Motor Driven Power Steering	SCSV	Shift Control Solenoid Valve
RMS	Refrigerant Management System	SCV	Swirl Control Valve
RMS	Root min Square	SD	Production Code for ~04 Spectra
R.O.	Repair Order	SD	Schematic Diagrams
ROL	Rear Outside Left	SDA	Smart Driving Assist
ROP	Roll Over Prevention	SDARS	Satellite Digital Audio Radio System
ROR	Rear Outside Right	SDL	Serial Data Link
ROM	Read Only Memory	SDVC	Speed Dependent Volume Control
ROP	Roll Over Protection	SEA	Safe Exit Assist
RPAS	Rear Park Assist System	SEFI	Sequential Electronic Fuel Injection
RPASM	Rear Park Assist System Module	SES	Service Engine Soon
RPASCM	Rear Park Assist System Control Module	SFI	Sequential Fuel Injection
RPC	Rear Pre-Crash	SID	Service ID
RPM	Revolutions Per Minute	SIG RTN	Signal Return
RPS	Rail Pressure Sensor – aka FPS	SIL	Service Indicator Lamp - HEV
RPSIS	Rear Passenger Side Impact Sensor	SIS	Side Impact Sensor
R&R	Remove & Replace	SJB	Smart Junction Box
RR	Rear Right	SKCS	Smart Key Code Service
RRC	Rear Remote Control	SL	Production Code for 2011~Sportage
RRDM	Rear Right Door Module	SLB	Seat Lumbar Bolster
RRR	Recovery, Recycle, Recharge	SLC	Side Load Coil - Spring
RSAB	Rear Side Air Bag	SLC	Side Load Compensation - Spring
RSE	Rear Seat Entertainment	SLD	Speed Limit Device
RSES	Rear Seat Entertainment System	SLH	Sensor - Outer Left Hand - RPAS
R-SIS	Rear Side Impact Sensor	SLIF	Speed Limit Information Function
RSJB	Rear Smart Junction Box	S/M	Shop Manual
RSNR	Rain Sensor & Auto Light	SMARTA	Smart Transponder Antenna
RSPA	Remote Smart Parking Assist	SME	Subject Mater Expert
RT	Receive	SMEC	Single Module Engine Controller
RTC	Real Time Clock	SMF	Single Mass Flywheel
RTN	Return	SMK	Smart Key
RTS	Refrigerant Temperature Sensor	SMKCM	Smart Key Control Module
RV	Recreational Vehicle	SMPS	Switched Mode Power Supply
RVM	Rear View Mirror	SNR	Signal to Noise Ratio
RVMw/PG	Rear View Mirror with Parking Guidance	SNR	Sensor
RVMw/eMirror	Rear View Mirror with e-Mirror	SNSR	Sensor
RWD	Rear Wheel Drive	SOC	State Of Charge - Battery
RWU	Rear Wheel Unlock - EPB	SOC	Standard of Charge - EV
RX	Receiving Communication	SOF	Shift On the Fly
		SOF	Soluble Organic Fraction
		SOF	State of Function - Battery
		SOH	State Of Health - Battery
		SOL	Solenoid
-----S-----			
SA	Service Action		
SA	Smart Actuator - HEV		



UTQG	Uniform Tire Quality Grading	VSM2	ESC with SCC
UVO	Audio System used by some Kia vehicles	VSM	Vehicle Safety Management
-----V-----			
V	Volt	VSP	Variable Swash Plate
VAC	Vacuum	VSS	Vehicle Speed Sensor
VAF	Vane Air Flow	VSX	Variable Swash – electric control valve
VRLA	Valve Regulated Lead Acid - battery	VS+	NERNST Cell Voltage HO2S
VAPS	Variable Assist Power Steering	VS-/IP	Common Ground for VS, IP HO2S
VAS	Voice Alarm System	VVP	Variable Vane Pump
VB	Voltage - Battery	VVS	Variable Valve Lift
Vbat	Voltage – Battery	VVT	Variable Valve Timing
V-CAP	Voltage at Capacitor in EPCU - EV	V2I	Vehicle to Infrastructure – Communication
VC	Variant Code	V2V	Vehicle to Vehicle - Communication
VCC	Variable Controlled Circuit	-----W-----	
VCI	Vehicle Communication Interface	W/B	Wheelbase
VCI II	Vehicle Communication Interface 2 - KDS	WE	Wheel Electronic -- TPMS Wheel Sensor
VCM	Variable Charge Motion	W/H	Wire Harness
VCMA	Variable Charge Motion Actuator	WHL	Wheel
VCT	Variable Camshaft Timing	WCAC	Warranty Component Analysis Center
VCU	Vehicle Control Unit - EV	WCC	Warm-up Catalytic Converter
VDC	Volts DC	WCC	Warmup Charging Cycle
VDC	Vehicle Dynamic Control – ESC in Korea	WCS	Weight Classification System
VDR	Vehicle Data Recorder	WGT	Waste Gate Turbo
VDS	Vehicle Dependability Survey	WMI	World Manufacturer Identifier
VDV	Vacuum Delay Valve	WOT	Wide Open Throttle
VEH	Vehicle	WPC	Wireless Power Charger
VEL	Velocity	W/P	Water Pump
VER	Version	WSM	Workshop Manual
VERT	Vertical	WSS	Wheel Speed Sensor
VESS	Virtual Engine Sound System	WTC	Water Temperature Control Assembly
VFP	Variable Fuel Pump	WTS	Water Temperature Sensor
VFS	Variable Force Solenoid	WUTWC	Warm Up Three Way Catalyst
VG	Production code for Cadenza	-----X-----	
VGR	Variable Gear Ratio	XHTML	Extensible Hyper Text Markup Language
VGT	Variable Geometry Turbocharger	XM	Production Code for 10~ Sorento
VICS	Variable Intake Control System	XMA	Sorento made at KMMG
Vign	Voltage Ignition	XTT	Straight Time
VIN	Vehicle Identification Number	-----Y-----	
VIS	Variable Induction System	YD	Production Code for Forte
VIS	Variable Intake System	YDm	Production Code for Forte (Mexico)
VIS	Variable Intake Solenoid	YG	Production Code for Cadenza 2017~
VLS	Vehicle Level Sensor	YP	Production Code for 15~ Sedona
VMI	Vehicle Measurement Interface	YRS	Yaw Rate Sensor
VOC	Volatile Organic Compounds	-----Z-----	
VOC	Voice of Customer	ZEV	Zero Emission Vehicle
VOVC	Variable Output Voltage Control		
V-PAC	Voltage at Battery Pack		
VPC	Vehicle Processing Center		
VPD	Voltage Protect Device – Cell Swell	2WD	Two Wheel Drive
VPW	Variable Pulse Width (modulation)	3 G Sensor	Contains Yaw, Lateral G and Longitudinal G sensors
VQ	Production Code for 06~ Sedona	4WD	Four Wheel Drive
VR	Vacuum Regulator		
VR	Voice Recognition		
VRC	Rc/Rp Pump Cell Voltage HO2S		
VREF	Voltage Reference		
VS	Variable Swash – mechanical control valve		
VSM	Vehicle Stability Management - ESC		
VSM1	ESC without SCC		