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## Kia function list V27.31

Function	area	System type	Contains models	Years	Function table	Password	Is readable/computable	Password digits
Security/Authorization code	All	All	All models before 2007	-2007	Security code Calculator		Yes	6
			Mechanical key 46 chip model	2007-	Read 46 chip security code		Yes	6
			Smart Key 46 chip model		46 authorization code (smart card)		Yes	6
			Smart Key 47 chip model		47 Authorization Code (smart card)		Yes	6
			Smart Key 4A chip model		4A Authorization Code (smart card)		Yes	6
			Smart Key 8A chip model		8A Authorization Code (smart card)		Yes	6
Program Immobiliser/remote	China	Immobiliser Type1 (CAN)	K2 (QBC)	2011-	Live Data Program keys ECM neutral Smartra neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	China	Immobiliser Type1 (CAN)	K5 (TFC)	2013-2017				
Program Immobiliser/remote	China	Immobiliser Type1 (CAN)	K5 (TFC)	2011-2012				
Program Immobiliser/remote	China	Immobiliser Type1 (CAN)	Sportage R (SLC)	2015-2018				
Program Immobiliser/remote	China	Immobiliser Type1 (CAN)	Sportage R (SLC)	2010-2014				
Program Immobiliser/remote	China	Immobiliser Type1 (CAN)	Forte (TDC)	2009-2017				

Program Immobiliser/remote	China	Immobiliser Type1 (CAN)	Soul (AMC)	2012-2015	Live Data Program keys	Yes	Read first, can't read check	6
Program Immobiliser/remote	China	Immobiliser Type1 (CAN)	Soul (AMC)	2010	ECM neutral Smartra neutral			
Program Immobiliser/remote	China	Immobiliser Type3 (K)	Sportage (KMC)	2013-2016	Program keys ECM neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	China	Immobiliser Type3 (K)	Sportage (KMC)	2007-2012				
Program Immobiliser/remote	China	Immobiliser Type3 (K)	Optima (MSC)	2004-2014				
Program Immobiliser/remote	China	Immobiliser Type4 (K)	FORTE (ND)	2017-2019	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	China	Immobiliser Type4 (K)	K2 (QBC)	2016-2018				
Program Immobiliser/remote	China	Immobiliser Type4 (K)	K4 (PFC)	2014-2019				
Program Immobiliser/remote	China	Immobiliser Type4 (K)	K5 HEV (JFC HEV)	2016-2019				
Program Immobiliser/remote	China	Immobiliser Type4 (K)	K5 PHEV (JFC PHEV)	2017-2019				
Program Immobiliser/remote	China	Immobiliser Type4 (K)	KX5 (QLC)	2016-2019				
Program Immobiliser/remote	China	Immobiliser Type4 (K)	Pegas (AB)	2017-2019				
Program Immobiliser/remote	China	Immobiliser Type4 (K)	Sportage (KMC)	2013-2016				
Program Immobiliser/remote	China	Immobiliser Type4 (K)	Sportage (KMC)	2007-2012				
Program Immobiliser/remote	China	Immobiliser Type5 (K)	K2 (QBC)	2011-				
Program Immobiliser/remote	China	Immobiliser Type5 (K)	K3 (YDC)	2013-2019				
Program Immobiliser/remote	China	Immobiliser Type5 (K)	K5 (JFC)	2015-2019				

Program Immobiliser/remote	China	Immobiliser Type5 (K)	K5 HEV (JFC HEV)	2016-2018	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	China	Immobiliser Type5 (K)	KX1 (QE)	2018-2019				
Program Immobiliser/remote	China	Immobiliser Type5 (K)	KX3 (KC)	2015-2019				
Program Immobiliser/remote	China	Immobiliser Type5 (K)	KX7 (QMC)	2017-2019				
Program Immobiliser/remote	China	Immobiliser Type5 (K)	Pegas					
Program Immobiliser/remote	China	Immobiliser Type6 (K)	Carnival (GQ)	2004-2010	Change Security Code Add Master Key Delete Master Key Neutral Mode Immobiliser Reset	Yes	No	4
Program Immobiliser/remote	China	Smart key system	K2 (QBC)	2011-	Live Data Program smart keys ECM neutral SMK neutral PDM neutral ESCL neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	China	Smart key system	K5 (TFC)	2011-2012				
Program Immobiliser/remote	China	Smart key system	Sportage R (SLC)	2010-2014				
Program Immobiliser/remote	China	Smart key system	Forte (TDC)	2009-2017				
Program Immobiliser/remote	China	Smart key system	Sportage (KMC)	2013-2016				
Program Immobiliser/remote	China	Smart key system	Soul (AMC)	2012-2015				
Program Immobiliser/remote	China	Smart key system	FORTE (ND)	2017-2019	Program smart keys ECM neutral SMK neutral ESCL neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	China	Smart key system	K2 (QBC)	2016-2018				
Program Immobiliser/remote	China	Smart key system	K3 (YDC)	2013-2019				
Program Immobiliser/remote	China	Smart key system	K4 (PFC)	2014-2019				

Program Immobiliser/remote	China	Smart key system	K5 HEV (JFC HEV)	2016-2019	Program smart keys ECM neutral SMK neutral ESCL neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	China	Smart key system	K5 PHEV (JFC PHEV)	2017-2019				
Program Immobiliser/remote	China	Smart key system	K5 (TFC)	2013-2017				
Program Immobiliser/remote	China	Smart key system	K5 (JFC)	2015-2019				
Program Immobiliser/remote	China	Smart key system	K5 HEV (JFC HEV)	2016-2018				
Program Immobiliser/remote	China	Smart key system	KX1 (QE)	2018-2019				
Program Immobiliser/remote	China	Smart key system	KX3 (KC)	2015-2019				
Program Immobiliser/remote	China	Smart key system	KX5 (QLC)	2016-2019				
Program Immobiliser/remote	China	Smart key system	KX7 (QMC)	2017-2019				
Program Immobiliser/remote	China	Smart key system	KX Cross	2016-2021				
Program Immobiliser/remote	China	Smart key system	Sportage R (SLC)	2018-2019				
Program Immobiliser/remote	China	Smart key system	Sportage R (SLC)	2015-2018				
Program Immobiliser/remote	China	Smart key system	HUAQI300 (LQE)	2016-2019				
Program Immobiliser/remote	China	Remote system	K2 (QBC)	2011-				
Program Immobiliser/remote	China	Remote system	K5 (TFC)	2013-2017	Program keys	No		
Program Immobiliser/remote	China	Remote system	K5 (TFC)	2011-2012	Program keys	No		
Program Immobiliser/remote	China	Remote system	KX3 (KC)	2015-2019	Program keys	No		

Program Immobiliser/remote	China	Remote system	Sportage R(SLC)	2015-2018	Program keys	No		
Program Immobiliser/remote	China	Remote system	Rio(LCC)	2004-2008	Program keys	No		
Program Immobiliser/remote	China	Remote system	Rio(JBC)	2007-2014	Program keys	No		
Program Immobiliser/remote	China	Remote system	Cerato(LDC)	2005-2017	Program keys	No		
Program Immobiliser/remote	China	Remote system	K3(YDC)	2013-2019	Program keys	No		
Program Immobiliser/remote	China	Remote system	K4(PFC)	2014-2019	Program keys	No		
Program Immobiliser/remote	China	Remote system	K5(JFC)	2015-2019	Program keys	No		
Program Immobiliser/remote	China	Remote system	K5 HEV(JFC HEV)	2016-2018	Program keys	No		
Program Immobiliser/remote	China	Remote system	KX1(QE)	2018-2019	Program keys	No		
Program Immobiliser/remote	China	Remote system	KX5(QLC)	2016-2019	Program keys	No		
Program Immobiliser/remote	China	Remote system	KX7(QMC)	2017-2019	Program keys	No		
Program Immobiliser/remote	China	Remote system	Sportage R(SLC)	2010-2014	Program keys	No		
Program Immobiliser/remote	China	Remote system	Forte(TDC)	2009-2017	Program keys	No		
Program Immobiliser/remote	China	Remote system	Sportage(KMC)	2013-2016	Program keys	No		
Program Immobiliser/remote	China	Remote system	Sportage(KMC)	2007-2012	Program keys	No		
Program Immobiliser/remote	China	Remote system	Soul(AMC)	2012-2015	Program keys	No		
Program Immobiliser/remote	China	Remote system	Soul(AMC)	2010	Program keys	No		

Program Immobiliser/remote	China	Remote system	Pegas		Program keys	No		
Program Immobiliser/remote	China	Remote system	Optima (MSC)	2004-2014	Program keys	No		
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Cadenza (VG)	2013-2016	Live Data Program keys ECM neutral Smartra neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Cadenza (VG)	2010-2012				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Carens (UN)	2007-2013				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Carens (UN)	2007-2013				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Carnival/Sedona (VQ)	2006-2014				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Carnival/Sedona (VQ)	2006-2014				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Carnival/Sedona (VQ)	2006-2014				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Cee'd (ED)	2006-2013				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Cerato/Forte (TD)	2009-2013				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	K2500/K2700/K3000/K3000S (PU)	2013-2015				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	K2500/K2700/K3000/K3000S (PU)	2013-2015				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Mohave/Borrego (HM)	2017				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Mohave/Borrego (HM)	2009-2016				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Opirus (GH)	2009-2010				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Opirus (GH)	2007-2008				

Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Optima HEV (TF HEV)	2013-2014	Live Data Program keys ECM neutral Smartra neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Optima (TF)	2014-2015				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Optima (TF)	2011-2013				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Optima/Magentis (MG)	2006-2010				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Sorento (XM)	2013-2015				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Sorento (XM)	2009-2012				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Soul (AM)	2011-2014				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Soul (AM)	2009-2010				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Sportage (KM)	2006-2010				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Sportage (KM)	2006-2010				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Sportage (SL)	2014-2016				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Sportage (SL)	2011-2013				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Sportage (SLE)	2014-2016				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Sportage (SLE)	2011-2013				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Venga (YN)	2013-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Venga (YN)	2010-2012				
Program Immobiliser/remote	Common areas	Immobiliser Type1 (CAN)	Venga (YN)	2016-2018				

Program Immobiliser/remote	Common areas	Immobiliser Type2 (CAN)	Carens (UN)	2007-2013	Live Data Program keys ECM neutral Smartra neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type2 (CAN)	Cee'd (ED)	2006-2013				
Program Immobiliser/remote	Common areas	Immobiliser Type2 (CAN)	Cerato (LD)	2007-2009				
Program Immobiliser/remote	Common areas	Immobiliser Type2 (CAN)	Optima/Magentis (MG)	2006-2010				
Program Immobiliser/remote	Common areas	Immobiliser Type2 (CAN)	Picanto (SA)	2006-2011				
Program Immobiliser/remote	Common areas	Immobiliser Type2 (CAN)	Rio (JB)	2005-2012				
Program Immobiliser/remote	Common areas	Immobiliser Type2 (CAN)	Sorento (BL)	2006-2009				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Carens (FJ)	2003-2007	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Carnival/Sedona (GQ)	1998-2001				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Carnival/Sedona (GQ)	2002-2006				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Carnival/Sedona (VQ)	2006-2014				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Carnival/Sedona (VQ)	2006-2014				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Cerato (LD)	2003-2006				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	K2500/K2700/K3000/K3000S (PU)	2013-2015				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Opirus (GH)	2009-2010				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Opirus (GH)	2007-2008				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Picanto (SA)	2006-2011				



Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Picanto (SA)	2003-2005	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Pregio (FP)	2006				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Shuma/Spectra (SD)	2001-2002				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Shuma/Spectra (SD)	2003-2004				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Sorento (BL)	2006-2009				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Sorento (BL)	2002-2005				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Sportage (KM)	2006-2010				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Sportage (KM)	2006-2010				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Sportage (KM)	2005				
Program Immobiliser/remote	Common areas	Immobiliser Type3 (K)	Sportage (KM)	2005				
Program Immobiliser/remote	Common areas	Immobiliser Type4 (K)	Cerato/Forte (YDM)	2017-2018	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type4 (K)	Niro (DE HEV)	2017-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type4 (K)	Niro (DE PHEV)	2018-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type4 (K)	Optima (JF)	2017-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type4 (K)	Optima (JF)	2019-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type4 (K)	PEGAS/SOLUTO (AB)	2018-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type4 (K)	Rio (FB)	2018				

Program Immobiliser/remote	Common areas	Immobiliser Type4 (K)	Sportage (KM)	2006-2010	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type4 (K)	Sportage (KM)	2005				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Cadenza (YG)	2017-	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Carens/Rondo (RP)	2014-2019				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Carnival (YP) - Israel	2016-2019				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Carnival/Sedona (YP)	2015-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Cee'd (JD)	2013-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Clarus/Forte (YD)	2013-2019				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Mohave/Borrego (HM)	2017				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Niro (DE EV)	2019-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Optima (JF)	2016				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Picanto (TA)	2012-2019				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Picanto/Morning (JA)	2017-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Rio (QBR)	2012-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Rio (SC)	2017-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Rio (YB)	2017-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Rio (UB)	2012-2018				

Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Sorento (UM)	2015-2018	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Sorento (UMA) -For Mexico only	2016-				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Soul (PS)	2013-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Soul (PS) -For Mexico	2016-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Sportage (QL)	2016-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Sportage (QL) -For Mexico	2019-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Sportage (QLE)	2016-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Sportage (QLE)	2019-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Stonic (YB CUV)	2018-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Picanto/Morning (JA)	2017-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	RIO (SC)	2017-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	RIO (YB)	2017-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type5 (K)	Stonic (YB CUV)	2017-2018				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	Carnival/Sedona (GQ)	2002-2006				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	Joice (NO)	1999-2002				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	K2500/K2700/K3000/K3000S (PU)	2013-2015				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	K2500/K2700/K3000/K3000S (PU)	2013-2015				

Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	K2500/K2700/K3000/K3000S (PU)	2013-2015	Change Security Code Add Master Key Delete Master Key Neutral Mode Immobiliser Reset	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	K2500/K2700/K3000/K3000S (PU)	2004-2012				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	K2500/K2700/K3000/K3000S (PU)	2004-2012				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	K2500/K2700/K3000/K3000S (PU)	2004-2012				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	K2500/K2700/K3000/K3000S (PU)	2016-2020				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	Optima/Magentis (MS)	2001-2002				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	Optima/Magentis (MS)	2003-2006				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	Pregio (FP)	2006				
Program Immobiliser/remote	Common areas	Immobiliser Type6 (K)	Sorento (BL)	2002-2005				
Program Immobiliser/remote	Common areas	Smart key system	Cadenza (VG)	2010-2012				
Program Immobiliser/remote	Common areas	Smart key system	Cee'd (JD)	2013-2018				
Program Immobiliser/remote	Common areas	Smart key system	Cerato/Forte (BD)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	Cerato/Forte (BDm)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	Cerato/Forte (TD)	2009-2013				
Program Immobiliser/remote	Common areas	Smart key system	Mohave/Borrego (HM)	2009-2016				
Program Immobiliser/remote	Common areas	Smart key system	Opirus (GH)	2009-2010				
Program Immobiliser/remote	Common areas	Smart key system	Optima HEV (TF HEV)	2013-2014				

Program Immobiliser/remote	Common areas	Smart key system	Optima (TF)	2011-2013	Live Data Program smart keys ECM neutral SMK neutral PDM neutral ESCL neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Smart key system	Optima/Magentis (MG)	2006-2010				
Program Immobiliser/remote	Common areas	Smart key system	Picanto (TA)	2012-2019				
Program Immobiliser/remote	Common areas	Smart key system	Rio (QBR)	2012-2018				
Program Immobiliser/remote	Common areas	Smart key system	Rio (UB)	2012-2018				
Program Immobiliser/remote	Common areas	Smart key system	Sorento (XM)	2013-2015				
Program Immobiliser/remote	Common areas	Smart key system	Sorento (XM)	2009-2012				
Program Immobiliser/remote	Common areas	Smart key system	Soul (AM)	2011-2014				
Program Immobiliser/remote	Common areas	Smart key system	Sportage (SL)	2011-2013				
Program Immobiliser/remote	Common areas	Smart key system	Sportage (SLE)	2011-2013				
Program Immobiliser/remote	Common areas	Smart key system	Venga (YN)	2013-2020				
Program Immobiliser/remote	Common areas	Smart key system	Venga (YN)	2010-2012				
Program Immobiliser/remote	Common areas	Smart key system	Cadenza (VG)	2013-2016				
Program Immobiliser/remote	Common areas	Smart key system	Cadenza (YG)	2017-				
Program Immobiliser/remote	Common areas	Smart key system	Carens/Rondo (RP)	2014-2019				
Program Immobiliser/remote	Common areas	Smart key system	Carnival (YP) - Israel	2016-2019				
Program Immobiliser/remote	Common areas	Smart key system	Carnival/Sedona (YP)	2015-2020				

Program Immobiliser/remote	Common areas	Smart key system	Cee'd (CD)	2019-2020	Program smart keys ECM neutral SMK neutral ESCL neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Smart key system	Clarus/Forte (YD)	2013-2019				
Program Immobiliser/remote	Common areas	Smart key system	Cerato/Forte (YDM)	2017-2018				
Program Immobiliser/remote	Common areas	Smart key system	K900 (RJ)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	Mohave/Borrego (HM)	2018				
Program Immobiliser/remote	Common areas	Smart key system	Mohave/Borrego (HM)	2017				
Program Immobiliser/remote	Common areas	Smart key system	Niro (DE EV)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	Niro (DE HEV)	2017-2020				
Program Immobiliser/remote	Common areas	Smart key system	Niro (DE PHEV)	2018-2020				
Program Immobiliser/remote	Common areas	Smart key system	Optima HEV (JF HEV)	2016				
Program Immobiliser/remote	Common areas	Smart key system	Optima HEV (TF HEV)	2015				
Program Immobiliser/remote	Common areas	Smart key system	Optima PHEV (JF PHEV)	2016-2020				
Program Immobiliser/remote	Common areas	Smart key system	Optima (JF)	2016				
Program Immobiliser/remote	Common areas	Smart key system	Optima (JF)	2017-2018				
Program Immobiliser/remote	Common areas	Smart key system	Optima (JF)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	Optima (TF)	2014-2015				
Program Immobiliser/remote	Common areas	Smart key system	Picanto/Morning (JA)	2017-2018				

Program Immobiliser/remote	Common areas	Smart key system	Quoris (KH)	2013-2018	Program smart keys ECM neutral SMK neutral ESCL neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Smart key system	Rio (FB)	2018				
Program Immobiliser/remote	Common areas	Smart key system	Rio (SC)	2017-2020				
Program Immobiliser/remote	Common areas	Smart key system	Rio (YB)	2017-2018				
Program Immobiliser/remote	Common areas	Smart key system	SELTOS (SP2)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	SELTOS (SP2I)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	Sorento (UM)	2015-2018				
Program Immobiliser/remote	Common areas	Smart key system	Sorento (UMA) -For Mexico only	2016-				
Program Immobiliser/remote	Common areas	Smart key system	Soul EV (PS EV)	2015-2019				
Program Immobiliser/remote	Common areas	Smart key system	Soul EV (PS EV)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	Soul (PS)	2013-2018				
Program Immobiliser/remote	Common areas	Smart key system	Soul (PS) -For Mexico	2016-2020				
Program Immobiliser/remote	Common areas	Smart key system	SOUL (SK3)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	SOUL (SK3) -For Mexico	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	SOUL (SK3A)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	Sportage (QL)	2016-2018				
Program Immobiliser/remote	Common areas	Smart key system	Sportage (QL) -For Mexico	2019-2020				

Program Immobiliser/remote	Common areas	Smart key system	Sportage (QLE)	2016-2020	Program smart keys ECM neutral SMK neutral ESCL neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	Common areas	Smart key system	Sportage (QLE)	2019-2020				
Program Immobiliser/remote	Common areas	Smart key system	Sportage (SL)	2014-2016				
Program Immobiliser/remote	Common areas	Smart key system	Sportage (SLE)	2014-2016				
Program Immobiliser/remote	Common areas	Smart key system	Stonic (YB CUV)	2018-2020				
Program Immobiliser/remote	Common areas	Smart key system	XCeed PHEV (CD CUV PHEV)	2020				
Program Immobiliser/remote	Common areas	Smart key system	XCeed (CD CUV)	2020-2021				
Program Immobiliser/remote	Common areas	Smart key system	Picanto/Morning (JA)	2017-2018				
Program Immobiliser/remote	Common areas	Smart key system	RIO (SC)	2017-2018				
Program Immobiliser/remote	Common areas	Smart key system	RIO (YB)	2017-2018				
Program Immobiliser/remote	Common areas	Smart key system	Stonic (YB CUV)	2017-2018				
Program Immobiliser/remote	Common areas	Remote system	Optima/Magentis (MS)	2001-2002	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Cadenza (VG)	2013-2016	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Cadenza (VG)	2010-2012	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Carens (UN)	2007-2013	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Carens/Rondo (RP)	2014-2019	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Carnival/Sedona (VQ)	2006-2014	Program keys	No		



Program Immobiliser/remote	Common areas	Remote system	Cee'd (ED)	2006-2013	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Cee'd (CD)	2019-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Cee'd (JD)	2013-2018	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Cerato/Forte (TD)	2009-2013	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Mohave/Borrego (HM)	2009-2016	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Optima HEV (TF HEV)	2013-2014	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Optima (TF)	2014-2015	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Optima (TF)	2011-2013	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Optima/Magentis (MG)	2006-2010	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Picanto (TA)	2012-2019	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Rio (QBR)	2012-2018	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Rio (UB)	2012-2018	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sorento (BL)	2006-2009	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sorento (XM)	2013-2015	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sorento (XM)	2009-2012	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Soul (AM)	2011-2014	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Soul (AM)	2009-2010	Program keys	No		

Program Immobiliser/remote	Common areas	Remote system	Sportage (KM)	2006-2010	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sportage (KM)	2005	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sportage (SL)	2014-2016	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sportage (SL)	2011-2013	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sportage (SLE)	2014-2016	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sportage (SLE)	2011-2013	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Venga (YN)	2013-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Venga (YN)	2010-2012	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Cerato (LD)	2007-2009	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	K2500/K2700/K3000/K3000S (PU)	2013-2015	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	K2500/K2700/K3000/K3000S (PU)	2004-2012	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Picanto (SA)	2006-2011	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Picanto (SA)	2003-2005	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Rio (JB)	2005-2012	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Opirus (GH)	2009-2010	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Opirus (GH)	2007-2008	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Opirus (GH)	2004-2006	Program keys	No		

Program Immobiliser/remote	Common areas	Remote system	Cadenza (YG)	2017-	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Carnival (YP)-Israel	2016-2019	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Carnival/Sedona (YP)	2015-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Cerato/Forte (BD)	2019-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Cerato/Forte (BDm)	2019-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Clarus/Forte (YD)	2013-2019	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Mohave/Borrego (HM)	2017	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Niro (DE EV)	2019-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Optima (JF)	2016	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Optima (JF)	2017-2018	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Optima (JF)	2019-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	PEGAS/SOLUTO (AB)	2018-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sorento (UM)	2015-2018	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sorento (UMA)-For Mexico only	2016-	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Soul (PS)	2013-2018	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Soul (PS)-For Mexico	2016-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	SOUL (SK3)	2019-2020	Program keys	No		

Program Immobiliser/remote	Common areas	Remote system	SOUL (SK3)-For Mexico	2019-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	SOUL (SK3A)	2019-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sportage (QL)	2016-2018	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sportage (QL)-For Mexico	2019-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sportage (QLE)	2016-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sportage (QLE)	2019-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Stonic (YB CUV)	2018-2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Telluride (ON)	2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Telluride (ON)-For Mexico	2020	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Carens (FJ)	2003-2007	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Carnival/Sedona (GQ)	2002-2006	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Cerato (LD)	2003-2006	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Optima/Magentis (MS)	2003-2006	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Shuma/Spectra (SD)	2003-2004	Program keys	No		
Program Immobiliser/remote	Common areas	Remote system	Sorento (BL)	2002-2005	Program keys	No		
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	AMANTI (GH)	2009	Live Data Program keys	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	AMANTI (GH)	2007-2008	ECM neutral Smartra neutral			

Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Borrego (HM)	2009-2011	Live Data Program keys ECM neutral Smartra neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Cadenza (VG)	2014-2017				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Forte/Forte koup (TD)	2010-2013				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Optima hybrid (TF HEV)	2013				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Optima (MG)	2010				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Optima (MG)	2009				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Optima (MG)	2007-2008				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Optima (TF/QF)	2014-2015				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Optima (TF/QF)	2011-2013				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Rondo (UN)	2007-2010				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Sedona (VQ)	2007-2014				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Sorento (BL)	2007-2009				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Sorento (XM)	2014-2015				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Sorento (XM)	2011-2013				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Soul (AM)	2011-2013				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Soul (AM)	2010				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Spectra (LD)	2007-2009				

Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Sportage (KM)	2007-2010	Live Data Program keys ECM neutral Smartra neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Sportage (SL)	2014-2016				
Program Immobiliser/remote	American	Immobiliser Type1 (CAN)	Sportage (SL)	2011-2013				
Program Immobiliser/remote	American	Immobiliser Type3 (K)	Optima (MG)	2007-2008	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Immobiliser Type3 (K)	Optima (MG)	2006	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Immobiliser Type3 (K)	Sedona (VQ)	2006				
Program Immobiliser/remote	American	Immobiliser Type4 (K)	Niro (DE PHEV)	2018-2020				
Program Immobiliser/remote	American	Immobiliser Type4 (K)	Stinger (CK)	2018				
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Cadenza (YG)	2017-2019	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Forte (YD)	2014-2018				
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Forte (YDM)	2017-2018				
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Niro (DE HEV)	2017-2020				
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Optima (JF)	2016-2018				
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Optima (JFA)	2016				
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Optima (JFA)	2018-2020				
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Rio (UB)	2012-2017				
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Sedona (YP)	2015-2016				

Program Immobiliser/remote	American	Immobiliser Type5 (K)	Sorento (UMA)	2015-2018	Program keys ECM neutral Live Data	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Soul (PS)	2014-2018				
Program Immobiliser/remote	American	Immobiliser Type5 (K)	Sportage (QL)	2017-				
Program Immobiliser/remote	American	Smart key sys	AMANTI (GH)	2009	Live Data Program smart keys ECM neutral SMK neutral PDM neutral ESCL neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Smart key sys	Borrego (HM)	2009-2011				
Program Immobiliser/remote	American	Smart key sys	Forte/Forte koup (TD)	2010-2013				
Program Immobiliser/remote	American	Smart key sys	Optima hybrid (TF HEV)	2013				
Program Immobiliser/remote	American	Smart key sys	Optima (MG)	2010				
Program Immobiliser/remote	American	Smart key sys	Optima (MG)	2010				
Program Immobiliser/remote	American	Smart key sys	Optima (TF/QF)	2011-2013				
Program Immobiliser/remote	American	Smart key sys	Rio (UB)	2012-2017				
Program Immobiliser/remote	American	Smart key sys	Sorento (XM)	2014-2015				
Program Immobiliser/remote	American	Smart key sys	Sorento (XM)	2011-2013				
Program Immobiliser/remote	American	Smart key sys	Soul (AM)	2011-2013				
Program Immobiliser/remote	American	Smart key sys	Sportage (SL)	2011-2013				
Program Immobiliser/remote	American	Smart key sys	Cadenza (VG)	2014-2017				
Program Immobiliser/remote	American	Smart key sys	Cadenza (YG)	2017-2019				

Program Immobiliser/remote	American	Smart key sys	Forte (YD)	2014-2018	Program smart keys ECM neutral SMK neutral ESCL neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Smart key sys	Forte (YDM)	2017-2018				
Program Immobiliser/remote	American	Smart key sys	K900 (KH)	2015-2018				
Program Immobiliser/remote	American	Smart key sys	Niro (DE HEV)	2017-2020				
Program Immobiliser/remote	American	Smart key sys	Niro (DE PHEV)	2018-2020				
Program Immobiliser/remote	American	Smart key sys	Optima hybrid (JF HEV)	2016-2020				
Program Immobiliser/remote	American	Smart key sys	Optima hybrid (TF HEV)	2014-2016				
Program Immobiliser/remote	American	Smart key sys	Optima (JF PHEV)	2017-2020				
Program Immobiliser/remote	American	Smart key sys	Optima (JF)	2016-2018				
Program Immobiliser/remote	American	Smart key sys	Optima (JFA)	2016				
Program Immobiliser/remote	American	Smart key sys	Optima (TF/QF)	2014-2015				
Program Immobiliser/remote	American	Smart key sys	Optima (JFA)	2018-2020				
Program Immobiliser/remote	American	Smart key sys	Sedona (YP)	2015-2016				
Program Immobiliser/remote	American	Smart key sys	Sorento (UMA)	2015-2018				
Program Immobiliser/remote	American	Smart key sys	Soul EV (PS EV)	2015-2018				
Program Immobiliser/remote	American	Smart key sys	Soul (PS)	2014-2018				
Program Immobiliser/remote	American	Smart key sys	Sportage (QL)	2017-				



Program Immobiliser/remote	American	Smart key sys	Sportage (SL)	2014-2016	Program smart keys ECM neutral	Yes	Read first, can't read check	6
Program Immobiliser/remote	American	Smart key sys	Stinger (CK)	2018	SMK neutral ESCL neutral			
Program Immobiliser/remote	American	Remote system	OPTIMA (MS)	2001-2002	Program keys	No		
Program Immobiliser/remote	American	Remote system	Cadenza (VG)	2014-2017	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima hybrid (TF HEV)	2013	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima hybrid (TF HEV)	2011-2012	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima (MG)	2010	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima (MG)	2009	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima (MG)	2007-2008	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima (MG)	2006	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima (TF/QF)	2014-2015	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima (TF/QF)	2011-2013	Program keys	No		
Program Immobiliser/remote	American	Remote system	Rio (UB)	2012-2017	Program keys	No		
Program Immobiliser/remote	American	Remote system	Rondo (UN)	2007-2010	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sorento (BL)	2007-2009	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sorento (XM)	2014-2015	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sorento (XM)	2011-2013	Program keys	No		

Program Immobiliser/remote	American	Remote system	Soul (AM)	2011-2013	Program keys	No		
Program Immobiliser/remote	American	Remote system	Soul (AM)	2010	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sportage (KM)	2007-2010	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sportage (KM)	2005-2006	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sportage (SL)	2014-2016	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sportage (SL)	2011-2013	Program keys	No		
Program Immobiliser/remote	American	Remote system	RIO (JB)	2006-2012	Program keys	No		
Program Immobiliser/remote	American	Remote system	Spectra (LD)	2007-2009	Program keys	No		
Program Immobiliser/remote	American	Remote system	Cadenza (YG)	2017-2019	Program keys	No		
Program Immobiliser/remote	American	Remote system	Forte (BD)	-2020	Program keys	No		
Program Immobiliser/remote	American	Remote system	Forte (BDM)	2019-2020	Program keys	No		
Program Immobiliser/remote	American	Remote system	Forte (YD)	2014-2018	Program keys	No		
Program Immobiliser/remote	American	Remote system	Forte (YDM)	2017-2018	Program keys	No		
Program Immobiliser/remote	American	Remote system	Forte/Forte koup (TD)	2010-2013	Program keys	No		
Program Immobiliser/remote	American	Remote system	Niro (DE HEV)	2017-2020	Program keys	No		
Program Immobiliser/remote	American	Remote system	Niro (DE PHEV)	2018-2020	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima (JF)	2016-2018	Program keys	No		

Program Immobiliser/remote	American	Remote system	Optima (JFA)	2016	Program keys	No		
Program Immobiliser/remote	American	Remote system	Optima (JFA)	2018-2020	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sedona (YP)	2015-2016	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sedona (SP2)	2020-2021	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sorento (UMA)	2015-2018	Program keys	No		
Program Immobiliser/remote	American	Remote system	Soul (PS)	2014-2018	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sportage (QL)	2017-	Program keys	No		
Program Immobiliser/remote	American	Remote system	Borrego (HM)	2009-2011	Program keys	No		
Program Immobiliser/remote	American	Remote system	OPTIMA (MS)	2003-2006	Program keys	No		
Program Immobiliser/remote	American	Remote system	RIO (BC)	2003-2005	Program keys	No		
Program Immobiliser/remote	American	Remote system	Sorento (BL)	2003-2006	Program keys	No		
Program Immobiliser/remote	American	Remote system	Spectra (LD)	2004-2006	Program keys	No		