

Key Coding

Acura		Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Model						
Integra	2023 - 2023	C/D	•	KC		
CL	2003 - 2003			KC	Honda Smart Key	
EL	2003 - 2005			KC	Honda Smart Key	
ILX	2013 - 2022			KC	Honda Smart Key	
MDX	2003 - 2023			KC	Honda Smart Key	
NSX	2003 - 2003			KC	Honda Smart Key	
NSX	2017 - 2022			KC	Honda Smart Key	
NSX-T	2004 - 2005			KC	Honda Smart Key	
RDX	2007 - 2023			KC	Honda Smart Key	
RL	2003 - 2012			KC	Honda Smart Key	
RLX	2014 - 2020			KC	Honda Smart Key	
RSX	2003 - 2006			KC	Honda Smart Key	
TL	2003 - 2014			KC	Honda Smart Key	
TLX	2014 - 2023			KC	Honda Smart Key	
TSX	2004 - 2014			KC	Honda Smart Key	
TSX Wagon	2011 - 2014			KC	Honda Smart Key	
ZDX	2010 - 2015			KC	Honda Smart Key	
CL	2003 - 2003			KC	Keyless Access	
EL	2003 - 2005			KC	Keyless Access	
ILX	2013 - 2022			KC	Keyless Access	
MDX	2003 - 2023			KC	Keyless Access	
NSX	2003 - 2003			KC	Keyless Access	
NSX	2017 - 2022			KC	Keyless Access	
NSX-T	2004 - 2005			KC	Keyless Access	
RDX	2007 - 2023			KC	Keyless Access	
RL	2003 - 2012			KC	Keyless Access	
RLX	2014 - 2020			KC	Keyless Access	
RSX	2003 - 2006			KC	Keyless Access	
TL	2003 - 2014			KC	Keyless Access	
TLX	2014 - 2023			KC	Keyless Access	
TSX	2004 - 2014			KC	Keyless Access	
TSX Wagon	2011 - 2014			KC	Keyless Access	
ZDX	2010 - 2015			KC	Keyless Access	
ILX	2013 - 2022	C/D		KC	Keyless Access Backup Control Unit	
Integra	2023 - 2023	C/D		KC	Keyless Access Backup Control Unit	
MDX	2014 - 2023	C/D		KC	Keyless Access Backup Control Unit	
NSX	2017 - 2022	C/D		KC	Keyless Access Backup Control Unit	
RDX	2013 - 2023	C/D		KC	Keyless Access Backup Control Unit	

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Acura					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
RLX	2014 - 2020	C/D		KC	Keyless Access Backup Control Unit
TLX	2014 - 2023	C/D		KC	Keyless Access Backup Control Unit
ILX	2013 - 2022	C/D		KC	Keyless Access Control Unit
Integra	2023 - 2023	C/D		KC	Keyless Access Control Unit
MDX	2014 - 2023	C/D		KC	Keyless Access Control Unit
NSX	2017 - 2022	C/D		KC	Keyless Access Control Unit
RDX	2013 - 2023	C/D		KC	Keyless Access Control Unit
RL	2005 - 2012	C/D		KC	Keyless Access Control Unit
RLX	2014 - 2020	C/D		KC	Keyless Access Control Unit
TL	2009 - 2014	C/D		KC	Keyless Access Control Unit
TLX	2014 - 2023	C/D		KC	Keyless Access Control Unit
ZDX	2010 - 2015	C/D		KC	Keyless Access Control Unit
ILX	2013 - 2022	C/D		KC	Keyless Access Power Control Unit
Integra	2023 - 2023	C/D		KC	Keyless Access Power Control Unit
MDX	2014 - 2023	C/D		KC	Keyless Access Power Control Unit
NSX	2017 - 2022	C/D		KC	Keyless Access Power Control Unit
RDX	2013 - 2023	C/D		KC	Keyless Access Power Control Unit
RLX	2014 - 2020	C/D		KC	Keyless Access Power Control Unit
TL	2009 - 2014	C/D		KC	Keyless Access Power Control Unit
TLX	2014 - 2023	C/D		KC	Keyless Access Power Control Unit
ZDX	2010 - 2015	C/D		KC	Keyless Access Power Control Unit
TL	2009 - 2014	C/D		KC	Keyless Access Remote Slot Control Unit
ZDX	2010 - 2015	C/D		KC	Keyless Access Remote Slot Control Unit

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BMW					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
1-Series (E82/E88)	2007 - 2013	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
3-Series (E46)	1997 - 2006	C/D		KC	Electronic Immobilizer (CAS/EWS)
3-Series (E90)	2010 - 2013	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
3-Series (E90/E91)	2006 - 2008	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
3-Series (E90/E91/E92/E93)	2009 - 2009	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
3-Series (E91)	2010 - 2013	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
3-Series (E92)	2011 - 2013	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
3-Series (E92/E93)	2006 - 2008	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
3-Series (E92/E93)	2010 - 2011	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
3-Series (E93)	2011 - 2013	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
5-Series (E39)	1996 - 2004	C/D		KC	Electronic Immobilizer (CAS/EWS)
5-Series (E60/E61)	2004 - 2011	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
5-Series (F10)	2010 - 2015	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
5-Series GT (F07)	2010 - 2017	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
5-Series Sedan (F10 LCI)	2016 - 2016	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
5-Series Sedan M (F10)	2016 - 2016	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
6-Series (E63)	2004 - 2005	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
6-Series (E63/E64)	2006 - 2011	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
6-Series (F12/F13)	2011 - 2015	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
6-Series Convertible (F12 LCI)	2016 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
6-Series Coupe (F13 LCI)	2016 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
6-Series GC (F06)	2013 - 2015	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
6-Series GC (F06)	2017 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
7-Series (E38)	1998 - 2001	C/D		KC	Electronic Immobilizer (CAS/EWS)
7-Series (E65/E66)	2002 - 2009	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
7-Series (F01/F02)	2008 - 2010	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
7-Series (F01/F02)	2013 - 2015	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
7-Series (F01/F02/F04)	2011 - 2012	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X1 (E84)	2010 - 2015	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X3 (E83)	2004 - 2011	C/D		KC	Electronic Immobilizer (CAS/EWS)
X3 (F25)	2010 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X4 (F26)	2015 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X5 (E53)	1999 - 2006	C/D		KC	Electronic Immobilizer (CAS/EWS)
X5 (E70)	2007 - 2013	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X5 (F15)	2016 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X5 (F15/F85)	2014 - 2015	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X5 M (F85)	2016 - 2018	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X6 (E71)	2008 - 2014	C/D	•	KC	Electronic Immobilizer (CAS/EWS)

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BMW					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
X6 (E72)	2009 - 2011	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X6 (F16)	2015 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X6 M (F86)	2015 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
X6 M (F96)	2021 - 2024	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
Z4 (E85)	2003 - 2005	C/D		KC	Electronic Immobilizer (CAS/EWS)
Z4 (E85/E86)	2006 - 2008	C/D		KC	Electronic Immobilizer (CAS/EWS)
Z4 (E89)	2009 - 2014	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
Z4 (E89) Roadster	2015 - 2015	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
Z4 Roadster (E89)	2016 - 2016	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
Z8 (E52)	2000 - 2000	C/D		KC	Electronic Immobilizer (CAS/EWS)
Z8 (E52)	2003 - 2003	C/D		KC	Electronic Immobilizer (CAS/EWS)
2-Series (F22)	2014 - 2014	C/D	•	KC	Front Electronic Module (FEM)
2-Series Cabrio (F23)	2016 - 2020	C/D	•	KC	Front Electronic Module (FEM)
2-Series Coupe (F22)	2015 - 2020	C/D	•	KC	Front Electronic Module (FEM)
2-Series Coupe (F22/F23)	2021 - 2022	C/D	•	KC	Front Electronic Module (FEM)
2-Series Coupe M (F87)	2016 - 2022	C/D	•	KC	Front Electronic Module (FEM)
3-Series (F30)	2012 - 2013	C/D	•	KC	Front Electronic Module (FEM)
3-Series (F30/F31)	2014 - 2014	C/D	•	KC	Front Electronic Module (FEM)
3-Series (F30/F31/F80)	2015 - 2015	C/D	•	KC	Front Electronic Module (FEM)
3-Series GT (F34 LCI)	2016 - 2020	C/D	•	KC	Front Electronic Module (FEM)
3-Series GT (F34)	2013 - 2016	C/D	•	KC	Front Electronic Module (FEM)
3-Series Sedan (F30 LCI)	2016 - 2020	C/D	•	KC	Front Electronic Module (FEM)
3-Series Sedan M (F80 LCI)	2016 - 2020	C/D	•	KC	Front Electronic Module (FEM)
3-Series Touring (F31 LCI)	2016 - 2020	C/D	•	KC	Front Electronic Module (FEM)
4-Series (F32/F33/F82/F83)	2014 - 2015	C/D	•	KC	Front Electronic Module (FEM)
4-Series Cabrio (F32/F33/F36/F82/F83)	2020 - 2020	C/D	•	KC	Front Electronic Module (FEM)
4-Series Cabrio (F33 LCI)	2016 - 2019	C/D	•	KC	Front Electronic Module (FEM)
4-Series Cabrio (F33)	2016 - 2016	C/D	•	KC	Front Electronic Module (FEM)
4-Series Coupe (F32 LCI)	2016 - 2016	C/D	•	KC	Front Electronic Module (FEM)
4-Series Coupe (F32)	2016 - 2019	C/D	•	KC	Front Electronic Module (FEM)
4-Series Coupe M (F82/F83 LCI)	2016 - 2016	C/D	•	KC	Front Electronic Module (FEM)
4-Series Coupe M (F82/F83)	2016 - 2019	C/D	•	KC	Front Electronic Module (FEM)
4-Series GC (F36)	2015 - 2015	C/D	•	KC	Front Electronic Module (FEM)

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Buick		Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years				
Allure	2005 - 2006	C/D	•	KC	Body Control Module
Century	1997 - 2005	C/D	•	KC	Body Control Module
LaCrosse	2005 - 2006	C/D	•	KC	Body Control Module
Regal	1997 - 2004	C/D	•	KC	Body Control Module
Rendezvous	2007 - 2007	C/D	•	KC	Body Control Module
Rendezvous (AWD)	2002 - 2006	C/D	•	KC	Body Control Module
Rendezvous (FWD)	2002 - 2006	C/D	•	KC	Body Control Module
Terraza	2007 - 2007	C/D	•	KC	Body Control Module
Terraza (AWD)	2005 - 2006	C/D	•	KC	Body Control Module
Terraza (FWD)	2005 - 2006	C/D	•	KC	Body Control Module
LeSabre	2000 - 2005	C/D		KC	Keyless Entry
Park Avenue	1997 - 2005	C/D	•	KC	Keyless Entry
Rainier (AWD)	2004 - 2007	C/D	•	KC	Liftgate Module
Rainier (RWD)	2004 - 2007	C/D	•	KC	Liftgate Module

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Cadillac					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Catera	2000 - 2001	C/D	•	KC	Body Control Module
Escalade (AWD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Escalade (RWD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Catera	1997 - 2001	C/D		KC	Immobilizer
CTS	2003 - 2007	C/D		KC	Keyless Entry
DeVille	1996 - 2005	C/D		KC	Keyless Entry
DeVille DHS	2000 - 2005	C/D		KC	Keyless Entry
DeVille DTS	2000 - 2005	C/D		KC	Keyless Entry
Eldorado	1996 - 2002	C/D		KC	Keyless Entry
Hearse/Limo	2002 - 2005	C/D		KC	Keyless Entry
Incomplete	1997 - 2001	C/D		KC	Keyless Entry
Seville	1996 - 1998	C/D		KC	Keyless Entry
Seville	2000 - 2003	C/D		KC	Keyless Entry
Seville SLS	2004 - 2004	C/D		KC	Keyless Entry
SRX	2004 - 2006	C/D		KC	Keyless Entry

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Chevrolet					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Cavalier	2000 - 2005	C/D	•	KC	Body Control Module
Cobalt	2005 - 2006	C/D	•	KC	Body Control Module
Equinox	2005 - 2005	C/D	•	KC	Body Control Module
Equinox (AWD)	2006 - 2006	C/D	•	KC	Body Control Module
Equinox (FWD)	2006 - 2006	C/D	•	KC	Body Control Module
HHR	2006 - 2006	C/D	•	KC	Body Control Module
Impala	2000 - 2005	C/D	•	KC	Body Control Module
Malibu	2004 - 2012	C/D	•	KC	Body Control Module
Monte Carlo	2000 - 2005	C/D	•	KC	Body Control Module
Uplander (AWD)	2005 - 2006	C/D	•	KC	Body Control Module
Uplander (Extended Wheelbase)	2006 - 2007	C/D	•	KC	Body Control Module
Uplander (FWD)	2005 - 2005	C/D	•	KC	Body Control Module
Uplander (Regular Wheelbase)	2006 - 2007	C/D	•	KC	Body Control Module
Avalanche (4WD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Avalanche (RWD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Silverado (4WD)	2003 - 2007	C/D	•	KC	Door Module - Passenger
Silverado (RWD)	2003 - 2007	C/D	•	KC	Door Module - Passenger
Silverado SS (AWD)	2003 - 2003	C/D	•	KC	Door Module - Passenger
Suburban (4WD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Suburban (RWD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Tahoe (4WD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Tahoe (RWD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Aveo	2006 - 2008			KC	Immobilizer
Optra	2004 - 2008			KC	Immobilizer
Aveo	2004 - 2011	C/D		KC	Keyless Entry
Express (AWD)	2003 - 2007	C/D		KC	Keyless Entry
Express (RWD)	2003 - 2007	C/D		KC	Keyless Entry
Malibu	2001 - 2003	C/D		KC	Keyless Entry
Malibu Classic	2004 - 2005	C/D		KC	Keyless Entry
SSR	2003 - 2006	C/D		KC	Keyless Entry
Trailblazer (4WD)	2002 - 2009	C/D	•	KC	Liftgate Module
Trailblazer (RWD)	2002 - 2009	C/D	•	KC	Liftgate Module
Trailblazer EXT (4WD)	2002 - 2005	C/D	•	KC	Liftgate Module
Trailblazer EXT (RWD)	2002 - 2005	C/D	•	KC	Liftgate Module
Optra	2004 - 2008	C/D		KC	Remote Function Actuation

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Chrysler		Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years				
300	2012 - 2018	C/D	•	KC	0740]Radio Frequency Hub (RFH)
300 (AWD)	2011 - 2011	C/D	•	KC	0740]Radio Frequency Hub (RFH)
300 (RWD)	2011 - 2011	C/D	•	KC	0740]Radio Frequency Hub (RFH)

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Dodge					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Challenger	2015 - 2018	C/D	•	KC	0740]Radio Frequency Hub (RFH)
Charger	2012 - 2018	C/D	•	KC	0740]Radio Frequency Hub (RFH)
Charger (AWD)	2011 - 2011	C/D	•	KC	0740]Radio Frequency Hub (RFH)
Charger (RWD)	2011 - 2011	C/D	•	KC	0740]Radio Frequency Hub (RFH)
Journey (AWD)	2011 - 2018	C/D	•	KC	0740]Radio Frequency Hub (RFH)
Journey (FWD)	2011 - 2018	C/D	•	KC	0740]Radio Frequency Hub (RFH)
Viper	2013 - 2017	C/D	•	KC	0740]Radio Frequency Hub (RFH)
Neon	2016 - 2020	C/D	•	KC	Body Computer
Attitude	2015 - 2024	C/D	•	KC	F.A.S.T./OSS/IMMO/Keyless

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Fiat					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
500 Abarth	2012 - 2020	C/D	•	KC	Body Computer
500 Abarth Convertible	2013 - 2020	C/D	•	KC	Body Computer
500 Easy	2016 - 2020	C/D	•	KC	Body Computer
500 Easy Convertible	2016 - 2020	C/D	•	KC	Body Computer
500 Electric	2013 - 2020	C/D	•	KC	Body Computer
500 Lounge	2012 - 2020	C/D	•	KC	Body Computer
500 Lounge Convertible	2012 - 2020	C/D	•	KC	Body Computer
500 Pop	2012 - 2020	C/D	•	KC	Body Computer
500 Pop Convertible	2012 - 2020	C/D	•	KC	Body Computer
500 Sport	2012 - 2020	C/D	•	KC	Body Computer
500 Turbo	2013 - 2020	C/D	•	KC	Body Computer
500L Easy	2014 - 2016	C/D	•	KC	Body Computer
500L Lounge	2014 - 2020	C/D	•	KC	Body Computer
500L Pop	2014 - 2020	C/D	•	KC	Body Computer
500L Trekking	2014 - 2020	C/D	•	KC	Body Computer

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Ford					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Contour	1998 - 1998	C/D	•	KC	
Explorer E Bauer	2001 - 2001	C/D	•	KC	
Explorer E Bauer (4WD)	2002 - 2002	C/D	•	KC	
Explorer E Bauer (RWD)	2002 - 2002	C/D	•	KC	
Explorer Limited	2001 - 2001	C/D	•	KC	
Explorer Limited (4WD)	2002 - 2002	C/D	•	KC	
Explorer Limited (RWD)	2002 - 2002	C/D	•	KC	
Explorer Postal	2001 - 2001	C/D	•	KC	
Explorer Sport	2001 - 2001	C/D	•	KC	
Explorer Sport Trac	2001 - 2001	C/D	•	KC	
Explorer XL	2001 - 2001	C/D	•	KC	
Explorer XLS	2001 - 2001	C/D	•	KC	
Explorer XLS (4WD)	2002 - 2002	C/D	•	KC	
Explorer XLS (RWD)	2002 - 2002	C/D	•	KC	
Explorer XLT	2001 - 2001	C/D	•	KC	
Explorer XLT (4WD)	2002 - 2002	C/D	•	KC	
Explorer XLT (RWD)	2002 - 2002	C/D	•	KC	
C-MAX Hybrid Energi	2013 - 2016	C/D		KC	Anti-Theft (PATS)
C-MAX Hybrid SE	2013 - 2016	C/D		KC	Anti-Theft (PATS)
C-MAX Hybrid SEL	2013 - 2016	C/D		KC	Anti-Theft (PATS)
Contour	1999 - 2000	C/D	•	KC	Anti-Theft (PATS)
Crown Victoria	1998 - 2001	C/D	•	KC	Anti-Theft (PATS)
Crown Victoria	2008 - 2011	C/D	•	KC	Anti-Theft (PATS)
Crown Victoria Base	2002 - 2007	C/D	•	KC	Anti-Theft (PATS)
Crown Victoria Fleet	2002 - 2007	C/D	•	KC	Anti-Theft (PATS)
Crown Victoria Limo	2002 - 2007	C/D	•	KC	Anti-Theft (PATS)
Crown Victoria LX	2002 - 2007	C/D	•	KC	Anti-Theft (PATS)
Crown Victoria Police	2002 - 2007	C/D	•	KC	Anti-Theft (PATS)
Edge (AWD)	2007 - 2010	C/D	•	KC	Anti-Theft (PATS)
Edge (AWD)	2011 - 2014	C/D		KC	Anti-Theft (PATS)
Edge (FWD)	2007 - 2010	C/D	•	KC	Anti-Theft (PATS)
Edge (FWD)	2011 - 2014	C/D		KC	Anti-Theft (PATS)
Escape	2001 - 2001	C/D	•	KC	Anti-Theft (PATS)
Escape	2003 - 2004	C/D	•	KC	Anti-Theft (PATS)
Escape (2WD)	2002 - 2002	C/D	•	KC	Anti-Theft (PATS)
Escape (4WD)	2002 - 2002	C/D	•	KC	Anti-Theft (PATS)
Escape (4WD)	2007 - 2008	C/D	•	KC	Anti-Theft (PATS)
Escape (4WD)	2009 - 2009	C/D		KC	Anti-Theft (PATS)

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Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Escape (AWD)	2010 - 2016	C/D		KC	Anti-Theft (PATS)
Escape (FWD)	2005 - 2008	C/D	•	KC	Anti-Theft (PATS)
Escape (FWD)	2009 - 2016	C/D		KC	Anti-Theft (PATS)
Escape Hybrid (4WD)	2005 - 2008	C/D	•	KC	Anti-Theft (PATS)
Escape Hybrid (4WD)	2009 - 2009	C/D		KC	Anti-Theft (PATS)
Escape Hybrid (AWD)	2010 - 2012	C/D		KC	Anti-Theft (PATS)
Escape Hybrid (FWD)	2005 - 2008	C/D	•	KC	Anti-Theft (PATS)
Escape Hybrid (FWD)	2009 - 2012	C/D		KC	Anti-Theft (PATS)
Escape Limited (4WD)	2005 - 2006	C/D	•	KC	Anti-Theft (PATS)
Escape XLS (4WD)	2005 - 2006	C/D	•	KC	Anti-Theft (PATS)
Escape XLT/Sport (4WD)	2005 - 2006	C/D	•	KC	Anti-Theft (PATS)
E-Series	2008 - 2020	C/D		KC	Anti-Theft (PATS)
Excursion	2000 - 2001	C/D	•	KC	Anti-Theft (PATS)
Excursion	2004 - 2005	C/D	•	KC	Anti-Theft (PATS)
Excursion (2WD)	2002 - 2003	C/D	•	KC	Anti-Theft (PATS)
Excursion (4WD)	2002 - 2003	C/D	•	KC	Anti-Theft (PATS)
Expedition	1997 - 2001	C/D	•	KC	Anti-Theft (PATS)
Expedition	2004 - 2008	C/D	•	KC	Anti-Theft (PATS)
Expedition	2009 - 2017	C/D		KC	Anti-Theft (PATS)
Expedition (2WD)	2002 - 2003	C/D	•	KC	Anti-Theft (PATS)
Expedition (4WD)	2002 - 2003	C/D	•	KC	Anti-Theft (PATS)
Expedition EL	2007 - 2008	C/D	•	KC	Anti-Theft (PATS)
Expedition EL	2009 - 2017	C/D		KC	Anti-Theft (PATS)
Explorer	1998 - 1999	C/D	•	KC	Anti-Theft (PATS)
Explorer (4WD)	2007 - 2010	C/D	•	KC	Anti-Theft (PATS)
Explorer (4WD)	2011 - 2015	C/D		KC	Anti-Theft (PATS)
Explorer (AWD)	2008 - 2010	C/D	•	KC	Anti-Theft (PATS)
Explorer (FWD)	2011 - 2015	C/D		KC	Anti-Theft (PATS)
Explorer (RWD)	2007 - 2010	C/D	•	KC	Anti-Theft (PATS)
Explorer E Bauer	2000 - 2001	C/D	•	KC	Anti-Theft (PATS)
Explorer E Bauer (4WD)	2003 - 2006	C/D	•	KC	Anti-Theft (PATS)
Explorer E Bauer (AWD)	2003 - 2005	C/D	•	KC	Anti-Theft (PATS)
Explorer E Bauer (RWD)	2003 - 2006	C/D	•	KC	Anti-Theft (PATS)
Explorer Limited	2000 - 2001	C/D	•	KC	Anti-Theft (PATS)
Explorer Limited (4WD)	2003 - 2006	C/D	•	KC	Anti-Theft (PATS)
Explorer Limited (AWD)	2003 - 2005	C/D	•	KC	Anti-Theft (PATS)
Explorer Limited (RWD)	2003 - 2006	C/D	•	KC	Anti-Theft (PATS)
Explorer Postal	2000 - 2000	C/D	•	KC	Anti-Theft (PATS)

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Ford					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Explorer Sport	1998 - 2001	C/D	•	KC	Anti-Theft (PATS)
Explorer Sport (4WD)	2002 - 2003	C/D	•	KC	Anti-Theft (PATS)
Explorer Sport (RWD)	2002 - 2003	C/D	•	KC	Anti-Theft (PATS)
Explorer Sport Trac	2001 - 2001	C/D	•	KC	Anti-Theft (PATS)
Explorer Sport Trac (4WD)	2002 - 2005	C/D	•	KC	Anti-Theft (PATS)
Explorer Sport Trac (RWD)	2002 - 2005	C/D	•	KC	Anti-Theft (PATS)
Explorer XL	2000 - 2001	C/D	•	KC	Anti-Theft (PATS)
Explorer XLS	2000 - 2001	C/D	•	KC	Anti-Theft (PATS)
Explorer XLS (4WD)	2003 - 2006	C/D	•	KC	Anti-Theft (PATS)
Explorer XLS (AWD)	2003 - 2005	C/D	•	KC	Anti-Theft (PATS)
Explorer XLS (RWD)	2003 - 2006	C/D	•	KC	Anti-Theft (PATS)
Explorer XLT	2000 - 2001	C/D	•	KC	Anti-Theft (PATS)
Explorer XLT (4WD)	2003 - 2003	C/D	•	KC	Anti-Theft (PATS)
Explorer XLT (AWD)	2003 - 2003	C/D	•	KC	Anti-Theft (PATS)
Explorer XLT (AWD)	2005 - 2005	C/D	•	KC	Anti-Theft (PATS)
Explorer XLT (RWD)	2003 - 2003	C/D	•	KC	Anti-Theft (PATS)
Explorer XLT/NBX (4WD)	2004 - 2006	C/D	•	KC	Anti-Theft (PATS)
Explorer XLT/NBX (AWD)	2004 - 2004	C/D	•	KC	Anti-Theft (PATS)
Explorer XLT/NBX (RWD)	2004 - 2006	C/D	•	KC	Anti-Theft (PATS)
F-150	2005 - 2008	C/D	•	KC	Anti-Theft (PATS)
F-150	2009 - 2010	C/D		KC	Anti-Theft (PATS)
F-150 (2WD)	2002 - 2004	C/D	•	KC	Anti-Theft (PATS)
F-150 (4WD)	2002 - 2004	C/D	•	KC	Anti-Theft (PATS)
F-250	2008 - 2008	C/D	•	KC	Anti-Theft (PATS)
F-250 (2WD)	2002 - 2004	C/D	•	KC	Anti-Theft (PATS)
F-250 (4WD)	2002 - 2004	C/D	•	KC	Anti-Theft (PATS)
F-350	2008 - 2008	C/D	•	KC	Anti-Theft (PATS)
F-450	2008 - 2008	C/D	•	KC	Anti-Theft (PATS)
F-550	2008 - 2008	C/D	•	KC	Anti-Theft (PATS)
Fiesta	2011 - 2019	C/D		KC	Anti-Theft (PATS)
Five Hundred (2WD)	2005 - 2005	C/D	•	KC	Anti-Theft (PATS)
Five Hundred (AWD)	2005 - 2007	C/D	•	KC	Anti-Theft (PATS)
Five Hundred (FWD)	2006 - 2007	C/D	•	KC	Anti-Theft (PATS)
Flex (AWD)	2009 - 2009	C/D	•	KC	Anti-Theft (PATS)
Flex (AWD)	2010 - 2019	C/D		KC	Anti-Theft (PATS)
Flex (FWD)	2009 - 2009	C/D	•	KC	Anti-Theft (PATS)
Flex (FWD)	2010 - 2019	C/D		KC	Anti-Theft (PATS)
Focus	2000 - 2007	C/D	•	KC	Anti-Theft (PATS)

CF Configuration

KC Key Coding

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S Steering Angle Sensor

Key Coding

Ford		Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Model						
Freestar	2004 - 2007	C/D	•	KC	Anti-Theft (PATS)	
Freestyle	2005 - 2007	C/D	•	KC	Anti-Theft (PATS)	
F-Series	1998 - 2001	C/D	•	KC	Anti-Theft (PATS)	
GT	2005 - 2006	C/D	•	KC	Anti-Theft (PATS)	
Mustang	1996 - 2009	C/D	•	KC	Anti-Theft (PATS)	
Mustang	2010 - 2010	C/D		KC	Anti-Theft (PATS)	
Ranger	1999 - 2001	C/D	•	KC	Anti-Theft (PATS)	
Ranger	2004 - 2011	C/D	•	KC	Anti-Theft (PATS)	
Ranger (2WD)	2002 - 2002	C/D	•	KC	Anti-Theft (PATS)	
Ranger (4WD)	2002 - 2002	C/D	•	KC	Anti-Theft (PATS)	
Sport Trac (4WD)	2007 - 2010	C/D	•	KC	Anti-Theft (PATS)	
Sport Trac (AWD)	2008 - 2010	C/D	•	KC	Anti-Theft (PATS)	
Sport Trac (RWD)	2007 - 2010	C/D	•	KC	Anti-Theft (PATS)	
Taurus	1996 - 2007	C/D	•	KC	Anti-Theft (PATS)	
Thunderbird	2002 - 2005	C/D	•	KC	Anti-Theft (PATS)	
Transit	2015 - 2019	C/D		KC	Anti-Theft (PATS)	
Windstar	1998 - 2003	C/D	•	KC	Anti-Theft (PATS)	
Excursion	2004 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
Excursion (2WD)	2002 - 2003	C/D	•	KC	Hybrid Electronic Cluster	
Excursion (4WD)	2002 - 2003	C/D	•	KC	Hybrid Electronic Cluster	
Expedition	1999 - 2001	C/D	•	KC	Hybrid Electronic Cluster	
Expedition (2WD)	2002 - 2002	C/D	•	KC	Hybrid Electronic Cluster	
Expedition (4WD)	2002 - 2002	C/D	•	KC	Hybrid Electronic Cluster	
Explorer Sport Trac (4WD)	2004 - 2005	C/D	•	KC	Hybrid Electronic Cluster	
Explorer Sport Trac (RWD)	2004 - 2005	C/D	•	KC	Hybrid Electronic Cluster	
F-150 (2WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-150 (4WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-250 (2WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-250 (4WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-350 (2WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-350 (4WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-450 (2WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-450 (4WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-550 (2WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-550 (4WD)	2002 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
Focus	2000 - 2004	C/D	•	KC	Hybrid Electronic Cluster	
F-Series	1998 - 2001	C/D	•	KC	Hybrid Electronic Cluster	
Mustang	1999 - 2004	C/D	•	KC	Hybrid Electronic Cluster	

CF Configuration

KC Key Coding

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Key Coding

Ford					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Thunderbird	2005 - 2005	C/D	•	KC	Hybrid Electronic Cluster

CF Configuration

KC Key Coding

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S Steering Angle Sensor

Key Coding

Genesis		Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Model						
G70	2024 - 2024	C/D		KC	FOB Key Relearn	
G70	2022 - 2024	C/D		KC	Smart Key Code Saving	
G80	2017 - 2020	C/D		KC	Smart Key Code Saving	
G90	2017 - 2022	C/D		KC	Smart Key Code Saving	
G80	2017 - 2020	C/D	•	KC	Smart Key Unit	
G90	2017 - 2022	C/D	•	KC	Smart Key Unit	

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KC Key Coding

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Key Coding

GMC					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Sierra (4WD)	2003 - 2007	C/D	•	KC	Door Module - Passenger
Sierra (RWD)	2003 - 2007	C/D	•	KC	Door Module - Passenger
Sierra Denali (AWD)	2003 - 2004	C/D	•	KC	Door Module - Passenger
Sierra Denali (AWD)	2006 - 2006	C/D	•	KC	Door Module - Passenger
Yukon (4WD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Yukon (RWD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Yukon Denali (AWD)	2003 - 2003	C/D	•	KC	Door Module - Passenger
Yukon Denali (AWD)	2005 - 2005	C/D	•	KC	Door Module - Passenger
Yukon XL (4WD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Yukon XL (RWD)	2003 - 2006	C/D	•	KC	Door Module - Passenger
Yukon XL Denali (AWD)	2004 - 2006	C/D	•	KC	Door Module - Passenger
Envoy XUV (4WD)	2004 - 2005	C/D	•	KC	Endgate Module
Envoy XUV (RWD)	2004 - 2005	C/D	•	KC	Endgate Module
Savana (AWD)	2003 - 2007	C/D		KC	Keyless Entry
Savana (RWD)	2003 - 2007	C/D		KC	Keyless Entry
Envoy (4WD)	2002 - 2009	C/D	•	KC	Liftgate Module
Envoy (RWD)	2002 - 2009	C/D	•	KC	Liftgate Module
Envoy XL (4WD)	2002 - 2006	C/D	•	KC	Liftgate Module
Envoy XL (RWD)	2002 - 2006	C/D	•	KC	Liftgate Module

CF Configuration

KC Key Coding

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S Steering Angle Sensor

Key Coding

Honda					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Accord	1998 - 2000			KC	
Accord	2002 - 2007			KC	
Accord	2018 - 2023	C/D	•	KC	
Accord Coupe	2008 - 2012			KC	
Accord Coupe	2013 - 2017	C/D		KC	
Accord Sedan	2008 - 2012			KC	
Accord Sedan	2013 - 2017	C/D		KC	
BR-V	2018 - 2023	C/D	•	KC	
City	2019 - 2023	C/D	•	KC	
Civic	2016 - 2018	C/D		KC	
Civic	2019 - 2021	C/D	•	KC	
Civic CNG	2003 - 2005			KC	
Civic Coupe	2003 - 2015			KC	
Civic Hatchback	2003 - 2005			KC	
Civic Hatchback	2016 - 2017	C/D		KC	
Civic Hatchback	2022 - 2023	C/D	•	KC	
Civic Hatchback / Type R	2018 - 2018	C/D		KC	
Civic Hatchback / Type R	2019 - 2021	C/D	•	KC	
Civic Sedan	2003 - 2015			KC	
Civic Sedan / Sedan Si	2022 - 2023	C/D	•	KC	
Clarity	2017 - 2021	C/D	•	KC	
Crosstour	2010 - 2015			KC	
CR-V	2003 - 2014			KC	
CR-V	2015 - 2018	C/D		KC	
CR-V	2019 - 2023	C/D	•	KC	
CR-V Hybrid	2020 - 2022	C/D	•	KC	
CR-Z	2011 - 2017			KC	
Element	2003 - 2011			KC	
Fit	2007 - 2008	C/D	•	KC	
Fit	2009 - 2014			KC	
Fit	2015 - 2017	C/D		KC	
Fit	2018 - 2020	C/D	•	KC	
HR-V	2016 - 2018	C/D		KC	
HR-V	2019 - 2023	C/D	•	KC	
Insight	2003 - 2006			KC	
Insight	2010 - 2016			KC	
Insight	2018 - 2022	C/D	•	KC	
Odyssey	2003 - 2004			KC	

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KC Key Coding

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Key Coding

Honda					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Odyssey	2009 - 2017			KC	
Odyssey	2018 - 2023	C/D	•	KC	
Passport	2019 - 2023	C/D	•	KC	
Pilot	2003 - 2015			KC	
Pilot	2016 - 2018	C/D		KC	
Pilot	2019 - 2023	C/D	•	KC	
Ridgeline	2006 - 2015			KC	
Ridgeline	2016 - 2018	C/D		KC	
Ridgeline	2019 - 2023	C/D	•	KC	
S2000	2003 - 2009			KC	
City	2012 - 2018			KC	Honda Smart Key
Accord	2003 - 2007			KC	Immobilizer Setup & Registration
Accord	2018 - 2023			KC	Immobilizer Setup & Registration
Civic	2016 - 2021			KC	Immobilizer Setup & Registration
Civic Coupe	2003 - 2005			KC	Immobilizer Setup & Registration
Civic Hatchback	2016 - 2017			KC	Immobilizer Setup & Registration
Civic Hatchback	2022 - 2023			KC	Immobilizer Setup & Registration
Civic Hatchback / Type R	2018 - 2021			KC	Immobilizer Setup & Registration
Civic Sedan	2003 - 2005			KC	Immobilizer Setup & Registration
Civic Sedan / Sedan Si	2022 - 2023			KC	Immobilizer Setup & Registration
CR-V	2017 - 2023			KC	Immobilizer Setup & Registration
Fit	2015 - 2020			KC	Immobilizer Setup & Registration
Insight	2003 - 2006			KC	Immobilizer Setup & Registration
City	2012 - 2018			KC	Keyless Access
Accord	2018 - 2023	C/D		KC	Keyless Access Backup Control Unit
Accord Coupe	2013 - 2017	C/D		KC	Keyless Access Backup Control Unit
Accord Sedan	2013 - 2017	C/D		KC	Keyless Access Backup Control Unit
BR-V	2018 - 2023	C/D		KC	Keyless Access Backup Control Unit
City	2019 - 2023	C/D		KC	Keyless Access Backup Control Unit
Civic	2016 - 2021	C/D		KC	Keyless Access Backup Control Unit
Civic Hatchback	2016 - 2017	C/D		KC	Keyless Access Backup Control Unit
Civic Hatchback	2022 - 2023	C/D		KC	Keyless Access Backup Control Unit
Civic Hatchback / Type R	2018 - 2021	C/D		KC	Keyless Access Backup Control Unit
Civic Sedan	2014 - 2015	C/D		KC	Keyless Access Backup Control Unit
Civic Sedan / Sedan Si	2022 - 2023	C/D		KC	Keyless Access Backup Control Unit
Clarity	2017 - 2021	C/D		KC	Keyless Access Backup Control Unit
Crosstour	2013 - 2015	C/D		KC	Keyless Access Backup Control Unit
CR-V	2015 - 2023	C/D		KC	Keyless Access Backup Control Unit

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KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Honda					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
CR-V Hybrid	2020 - 2022	C/D		KC	Keyless Access Backup Control Unit
Fit	2015 - 2020	C/D		KC	Keyless Access Backup Control Unit
Fit EV	2013 - 2015	C/D		KC	Keyless Access Backup Control Unit
HR-V	2016 - 2023	C/D		KC	Keyless Access Backup Control Unit
Insight	2018 - 2022	C/D		KC	Keyless Access Backup Control Unit
Odyssey	2014 - 2023	C/D		KC	Keyless Access Backup Control Unit
Passport	2019 - 2023	C/D		KC	Keyless Access Backup Control Unit
Pilot	2016 - 2023	C/D		KC	Keyless Access Backup Control Unit
Ridgeline	2016 - 2023	C/D		KC	Keyless Access Backup Control Unit
Accord	2018 - 2023	C/D		KC	Keyless Access Control Unit
Accord Coupe	2013 - 2017	C/D		KC	Keyless Access Control Unit
Accord Sedan	2013 - 2017	C/D		KC	Keyless Access Control Unit
BR-V	2018 - 2023	C/D		KC	Keyless Access Control Unit
City	2019 - 2023	C/D		KC	Keyless Access Control Unit
Civic	2016 - 2021	C/D		KC	Keyless Access Control Unit
Civic Hatchback	2016 - 2017	C/D		KC	Keyless Access Control Unit
Civic Hatchback	2022 - 2023	C/D		KC	Keyless Access Control Unit
Civic Hatchback / Type R	2018 - 2021	C/D		KC	Keyless Access Control Unit
Civic Sedan	2014 - 2015	C/D		KC	Keyless Access Control Unit
Civic Sedan / Sedan Si	2022 - 2023	C/D		KC	Keyless Access Control Unit
Clarity	2017 - 2021	C/D		KC	Keyless Access Control Unit
Crosstour	2013 - 2015	C/D		KC	Keyless Access Control Unit
CR-V	2015 - 2023	C/D		KC	Keyless Access Control Unit
CR-V Hybrid	2020 - 2022	C/D		KC	Keyless Access Control Unit
Fit	2015 - 2020	C/D		KC	Keyless Access Control Unit
Fit EV	2013 - 2015	C/D		KC	Keyless Access Control Unit
HR-V	2016 - 2023	C/D		KC	Keyless Access Control Unit
Insight	2018 - 2022	C/D		KC	Keyless Access Control Unit
Odyssey	2014 - 2023	C/D		KC	Keyless Access Control Unit
Passport	2019 - 2023	C/D		KC	Keyless Access Control Unit
Pilot	2016 - 2023	C/D		KC	Keyless Access Control Unit
Ridgeline	2016 - 2023	C/D		KC	Keyless Access Control Unit
Accord	2018 - 2023	C/D		KC	Keyless Access Power Control Unit
Accord Coupe	2013 - 2017	C/D		KC	Keyless Access Power Control Unit
Accord Sedan	2013 - 2017	C/D		KC	Keyless Access Power Control Unit
BR-V	2018 - 2023	C/D		KC	Keyless Access Power Control Unit
City	2019 - 2023	C/D		KC	Keyless Access Power Control Unit
Civic	2016 - 2021	C/D		KC	Keyless Access Power Control Unit

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Honda					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Civic Hatchback	2016 - 2017	C/D		KC	Keyless Access Power Control Unit
Civic Hatchback	2022 - 2023	C/D		KC	Keyless Access Power Control Unit
Civic Hatchback / Type R	2018 - 2021	C/D		KC	Keyless Access Power Control Unit
Civic Sedan	2014 - 2015	C/D		KC	Keyless Access Power Control Unit
Civic Sedan / Sedan Si	2022 - 2023	C/D		KC	Keyless Access Power Control Unit
Clarity	2017 - 2021	C/D		KC	Keyless Access Power Control Unit
Crosstour	2013 - 2015	C/D		KC	Keyless Access Power Control Unit
CR-V	2015 - 2023	C/D		KC	Keyless Access Power Control Unit
CR-V Hybrid	2020 - 2022	C/D		KC	Keyless Access Power Control Unit
Fit	2015 - 2020	C/D		KC	Keyless Access Power Control Unit
Fit EV	2013 - 2015	C/D		KC	Keyless Access Power Control Unit
HR-V	2016 - 2023	C/D		KC	Keyless Access Power Control Unit
Insight	2018 - 2022	C/D		KC	Keyless Access Power Control Unit
Odyssey	2014 - 2023	C/D		KC	Keyless Access Power Control Unit
Passport	2019 - 2023	C/D		KC	Keyless Access Power Control Unit
Pilot	2016 - 2023	C/D		KC	Keyless Access Power Control Unit
Ridgeline	2016 - 2023	C/D		KC	Keyless Access Power Control Unit

CF Configuration

KC Key Coding

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Key Coding

Hummer					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
H2	2003 - 2007	C/D	•	KC	Door Module - Passenger

CF Configuration

KC Key Coding

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S Steering Angle Sensor

Key Coding

Hyundai					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Accent Hatchback	2012 - 2017	C/D		KC	FOB Key Relearn
Accent Sedan	2012 - 2022	C/D		KC	FOB Key Relearn
Azera	2006 - 2017	C/D		KC	FOB Key Relearn
Elantra	2007 - 2010	C/D		KC	FOB Key Relearn
Elantra	2018 - 2024	C/D		KC	FOB Key Relearn
Elantra (UD)	2011 - 2012	C/D		KC	FOB Key Relearn
Elantra Coupe	2013 - 2015	C/D		KC	FOB Key Relearn
Elantra GT	2018 - 2021	C/D		KC	FOB Key Relearn
Elantra Hatchback	2013 - 2017	C/D		KC	FOB Key Relearn
Elantra Sedan	2013 - 2017	C/D		KC	FOB Key Relearn
Elantra Touring (FD)	2009 - 2012	C/D		KC	FOB Key Relearn
Entourage	2007 - 2010	C/D		KC	FOB Key Relearn
Genesis	2009 - 2014	C/D		KC	FOB Key Relearn
Genesis Coupe	2010 - 2016	C/D		KC	FOB Key Relearn
Ioniq	2017 - 2022	C/D		KC	FOB Key Relearn
Ioniq 5	2022 - 2024	C/D		KC	FOB Key Relearn
Ioniq 6	2023 - 2024	C/D		KC	FOB Key Relearn
Kona (AWD)	2018 - 2018	C/D		KC	FOB Key Relearn
Kona (FWD)	2018 - 2018	C/D		KC	FOB Key Relearn
Kona/Kona EV (AWD)	2019 - 2023	C/D		KC	FOB Key Relearn
Kona/Kona EV (FWD)	2019 - 2023	C/D		KC	FOB Key Relearn
Palisade (AWD)	2020 - 2024	C/D		KC	FOB Key Relearn
Palisade (FWD)	2020 - 2024	C/D		KC	FOB Key Relearn
Santa Cruz (AWD)	2022 - 2024	C/D		KC	FOB Key Relearn
Santa Cruz (FWD)	2022 - 2024	C/D		KC	FOB Key Relearn
Santa Fe	2007 - 2012	C/D		KC	FOB Key Relearn
Santa Fe (AWD)	2013 - 2024	C/D		KC	FOB Key Relearn
Santa Fe (FWD)	2013 - 2024	C/D		KC	FOB Key Relearn
Santa Fe Sport	2013 - 2017	C/D		KC	FOB Key Relearn
Santa Fe Sport (AWD)	2018 - 2018	C/D		KC	FOB Key Relearn
Santa Fe Sport (FWD)	2018 - 2018	C/D		KC	FOB Key Relearn
Sonata	2006 - 2023	C/D		KC	FOB Key Relearn
Tucson	2005 - 2013	C/D		KC	FOB Key Relearn
Tucson (AWD)	2014 - 2024	C/D		KC	FOB Key Relearn
Tucson (FWD)	2014 - 2024	C/D		KC	FOB Key Relearn
Tucson Hybrid/Tucson	2022 - 2024	C/D		KC	FOB Key Relearn
Veloster	2012 - 2018	C/D		KC	FOB Key Relearn
Veloster/Veloster N	2019 - 2021	C/D		KC	FOB Key Relearn

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KC Key Coding

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Key Coding

Hyundai					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Venue	2020 - 2024	C/D		KC	FOB Key Relearn
Veracruz	2007 - 2013	C/D		KC	FOB Key Relearn
Accent	2007 - 2010	C/D		KC	Immobilizer
Accent Hatchback	2011 - 2017	C/D		KC	Immobilizer
Accent Sedan	2011 - 2017	C/D		KC	Immobilizer
Accent Sedan	2018 - 2022	C/D		KC	Immobilizer
Azera	2006 - 2011	C/D		KC	Immobilizer
Azera	2012 - 2017	C/D		KC	Immobilizer
Elantra	2007 - 2010	C/D		KC	Immobilizer
Elantra	2018 - 2020	C/D		KC	Immobilizer
Elantra (UD)	2011 - 2012	C/D		KC	Immobilizer
Elantra Coupe	2013 - 2015	C/D		KC	Immobilizer
Elantra GT	2018 - 2021	C/D		KC	Immobilizer
Elantra Hatchback	2013 - 2017	C/D		KC	Immobilizer
Elantra Sedan	2013 - 2016	C/D		KC	Immobilizer
Elantra Sedan	2017 - 2017	C/D		KC	Immobilizer
Elantra Touring (FD)	2009 - 2012	C/D		KC	Immobilizer
Entourage	2007 - 2010	C/D		KC	Immobilizer
Equus	2011 - 2011	C/D		KC	Immobilizer
Genesis	2009 - 2014	C/D		KC	Immobilizer
Genesis Coupe	2010 - 2016	C/D		KC	Immobilizer
Ioniq	2017 - 2022	C/D		KC	Immobilizer
Kona (AWD)	2018 - 2018	C/D		KC	Immobilizer
Kona (FWD)	2018 - 2018	C/D		KC	Immobilizer
Kona/Kona EV (AWD)	2019 - 2023	C/D		KC	Immobilizer
Kona/Kona EV (FWD)	2019 - 2023	C/D		KC	Immobilizer
Santa Fe	2010 - 2012	C/D		KC	Immobilizer
Santa Fe (AWD)	2013 - 2019	C/D		KC	Immobilizer
Santa Fe (FWD)	2013 - 2019	C/D		KC	Immobilizer
Santa Fe Sport	2013 - 2017	C/D		KC	Immobilizer
Santa Fe Sport (AWD)	2018 - 2018	C/D		KC	Immobilizer
Santa Fe Sport (FWD)	2018 - 2018	C/D		KC	Immobilizer
Sonata	2006 - 2006	C/D		KC	Immobilizer
Sonata	2009 - 2014	C/D		KC	Immobilizer
Sonata	2015 - 2019	C/D		KC	Immobilizer
Tucson	2010 - 2013	C/D		KC	Immobilizer
Tucson (AWD)	2014 - 2015	C/D		KC	Immobilizer
Tucson (AWD)	2016 - 2021	C/D		KC	Immobilizer

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Hyundai					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Tucson (FWD)	2014 - 2015	C/D		KC	Immobilizer
Tucson (FWD)	2016 - 2021	C/D		KC	Immobilizer
Veloster	2012 - 2018	C/D		KC	Immobilizer
Veloster/Veloster N	2019 - 2021	C/D		KC	Immobilizer
Veracruz	2007 - 2013	C/D		KC	Immobilizer
Accent Sedan	2018 - 2022	C/D		KC	Smart Key Code Saving
Azera	2012 - 2017	C/D		KC	Smart Key Code Saving
Elantra	2018 - 2020	C/D		KC	Smart Key Code Saving
Elantra (UD)	2011 - 2012	C/D		KC	Smart Key Code Saving
Elantra Coupe	2013 - 2015	C/D		KC	Smart Key Code Saving
Elantra GT	2018 - 2021	C/D		KC	Smart Key Code Saving
Elantra Hatchback	2013 - 2017	C/D		KC	Smart Key Code Saving
Elantra Sedan	2013 - 2017	C/D		KC	Smart Key Code Saving
Equus	2011 - 2016	C/D		KC	Smart Key Code Saving
G80	2017 - 2018	C/D		KC	Smart Key Code Saving
G90	2017 - 2018	C/D		KC	Smart Key Code Saving
Genesis	2009 - 2016	C/D		KC	Smart Key Code Saving
Genesis Coupe	2010 - 2016	C/D		KC	Smart Key Code Saving
Ioniq	2017 - 2022	C/D		KC	Smart Key Code Saving
Kona (AWD)	2018 - 2018	C/D		KC	Smart Key Code Saving
Kona (FWD)	2018 - 2018	C/D		KC	Smart Key Code Saving
Kona/Kona EV (AWD)	2019 - 2023	C/D		KC	Smart Key Code Saving
Kona/Kona EV (FWD)	2019 - 2023	C/D		KC	Smart Key Code Saving
Santa Fe	2012 - 2012	C/D		KC	Smart Key Code Saving
Santa Fe (AWD)	2013 - 2019	C/D		KC	Smart Key Code Saving
Santa Fe (FWD)	2013 - 2019	C/D		KC	Smart Key Code Saving
Santa Fe Sport	2013 - 2017	C/D		KC	Smart Key Code Saving
Santa Fe Sport (AWD)	2018 - 2018	C/D		KC	Smart Key Code Saving
Santa Fe Sport (FWD)	2018 - 2018	C/D		KC	Smart Key Code Saving
Sonata	2011 - 2019	C/D		KC	Smart Key Code Saving
Tucson	2010 - 2013	C/D		KC	Smart Key Code Saving
Tucson (AWD)	2014 - 2021	C/D		KC	Smart Key Code Saving
Tucson (FWD)	2014 - 2021	C/D		KC	Smart Key Code Saving
Veloster	2012 - 2018	C/D		KC	Smart Key Code Saving
Veloster N	2022 - 2022	C/D		KC	Smart Key Code Saving
Veloster/Veloster N	2019 - 2021	C/D		KC	Smart Key Code Saving
Venue	2020 - 2024	C/D		KC	Smart Key Code Saving
Veracruz	2007 - 2013	C/D		KC	Smart Key Code Saving

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Hyundai					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Accent Sedan	2018 - 2022	C/D	•	KC	Smart Key Unit
Azera	2012 - 2017	C/D	•	KC	Smart Key Unit
Elantra	2018 - 2020	C/D	•	KC	Smart Key Unit
Elantra (UD)	2011 - 2012	C/D	•	KC	Smart Key Unit
Elantra Coupe	2013 - 2015	C/D	•	KC	Smart Key Unit
Elantra GT	2018 - 2021	C/D	•	KC	Smart Key Unit
Elantra Hatchback	2013 - 2017	C/D	•	KC	Smart Key Unit
Elantra Sedan	2013 - 2017	C/D	•	KC	Smart Key Unit
Equus	2014 - 2016	C/D	•	KC	Smart Key Unit
G80	2017 - 2018	C/D	•	KC	Smart Key Unit
G90	2017 - 2018	C/D	•	KC	Smart Key Unit
Genesis	2013 - 2016	C/D	•	KC	Smart Key Unit
Ioniq	2017 - 2022	C/D	•	KC	Smart Key Unit
Kona (AWD)	2018 - 2018	C/D	•	KC	Smart Key Unit
Kona (FWD)	2018 - 2018	C/D	•	KC	Smart Key Unit
Kona/Kona EV (AWD)	2019 - 2023	C/D	•	KC	Smart Key Unit
Kona/Kona EV (FWD)	2019 - 2023	C/D	•	KC	Smart Key Unit
Santa Fe (AWD)	2013 - 2019	C/D	•	KC	Smart Key Unit
Santa Fe (FWD)	2013 - 2019	C/D	•	KC	Smart Key Unit
Santa Fe Sport	2013 - 2017	C/D	•	KC	Smart Key Unit
Santa Fe Sport (AWD)	2018 - 2018	C/D	•	KC	Smart Key Unit
Santa Fe Sport (FWD)	2018 - 2018	C/D	•	KC	Smart Key Unit
Sonata	2015 - 2019	C/D	•	KC	Smart Key Unit
Tucson (AWD)	2014 - 2021	C/D	•	KC	Smart Key Unit
Tucson (FWD)	2014 - 2021	C/D	•	KC	Smart Key Unit
Veloster	2012 - 2018	C/D	•	CF, KC	Smart Key Unit
Veloster N	2022 - 2022	C/D	•	KC	Smart Key Unit
Veloster/Veloster N	2019 - 2021	C/D	•	KC	Smart Key Unit

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Kia					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Forte	2010 - 2010	C/D		KC	Smart Key Code Saving
Forte Koup	2010 - 2010	C/D		KC	Smart Key Code Saving
Optima	2010 - 2010	C/D		KC	Smart Key Code Saving
Borrego	2009 - 2009	C/D		KC	FOB Key Relearn
Cadenza	2014 - 2021	C/D		KC	FOB Key Relearn
Carnival	2022 - 2024	C/D		KC	FOB Key Relearn
Forte	2010 - 2010	C/D		KC	FOB Key Relearn
Forte	2019 - 2019	C/D		KC	FOB Key Relearn
Forte (BD)	2020 - 2024	C/D		KC	FOB Key Relearn
Forte (BDm)	2020 - 2024	C/D		KC	FOB Key Relearn
Forte Hatchback	2011 - 2018	C/D		KC	FOB Key Relearn
Forte Koup	2010 - 2016	C/D		KC	FOB Key Relearn
Forte Sedan	2011 - 2018	C/D		KC	FOB Key Relearn
K5	2021 - 2023	C/D		KC	FOB Key Relearn
K5 (DL3A)	2024 - 2024	C/D		KC	FOB Key Relearn
Niro	2017 - 2024	C/D		KC	FOB Key Relearn
Optima	2006 - 2020	C/D		KC	FOB Key Relearn
Rio Hatchback	2012 - 2024	C/D		KC	FOB Key Relearn
Rio Sedan	2012 - 2024	C/D		KC	FOB Key Relearn
Rondo	2007 - 2017	C/D		KC	FOB Key Relearn
Sedona	2006 - 2021	C/D		KC	FOB Key Relearn
Seltos	2020 - 2024	C/D		KC	FOB Key Relearn
Sorento	2007 - 2009	C/D		KC	FOB Key Relearn
Sorento	2011 - 2023	C/D		KC	FOB Key Relearn
Soul	2010 - 2015	C/D		KC	FOB Key Relearn
Soul	2022 - 2024	C/D		KC	FOB Key Relearn
Soul/Soul EV	2016 - 2021	C/D		KC	FOB Key Relearn
Sportage	2005 - 2022	C/D		KC	FOB Key Relearn
Sportage (NQ5)	2023 - 2024	C/D		KC	FOB Key Relearn
Sportage (NQ5A)	2023 - 2024	C/D		KC	FOB Key Relearn
Amanti	2007 - 2009	C/D		KC	Immobilizer
Borrego	2008 - 2010	C/D		KC	Immobilizer
Cadenza	2014 - 2016	C/D		KC	Immobilizer
Cadenza	2017 - 2021	C/D		KC	Immobilizer
Forte	2010 - 2010	C/D		KC	Immobilizer
Forte Hatchback	2011 - 2013	C/D		KC	Immobilizer
Forte Hatchback	2014 - 2018	C/D		KC	Immobilizer
Forte Koup	2010 - 2013	C/D		KC	Immobilizer

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KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Kia					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Forte Koup	2014 - 2016	C/D		KC	Immobilizer
Forte Sedan	2011 - 2013	C/D		KC	Immobilizer
Forte Sedan	2014 - 2018	C/D		KC	Immobilizer
Niro	2017 - 2022	C/D		KC	Immobilizer
Optima	2006 - 2015	C/D		KC	Immobilizer
Optima	2016 - 2020	C/D		KC	Immobilizer
Rio Hatchback	2012 - 2024	C/D		KC	Immobilizer
Rio Sedan	2012 - 2024	C/D		KC	Immobilizer
Rondo	2007 - 2012	C/D		KC	Immobilizer
Rondo	2013 - 2017	C/D		KC	Immobilizer
Sedona	2006 - 2014	C/D		KC	Immobilizer
Sedona	2015 - 2021	C/D		KC	Immobilizer
Sorento	2007 - 2009	C/D		KC	Immobilizer
Sorento	2011 - 2015	C/D		KC	Immobilizer
Sorento	2016 - 2020	C/D		KC	Immobilizer
Soul	2012 - 2013	C/D		KC	Immobilizer
Soul	2014 - 2015	C/D		KC	Immobilizer
Soul/Soul EV	2016 - 2019	C/D		KC	Immobilizer
Sportage	2011 - 2015	C/D		KC	Immobilizer
Sportage	2016 - 2022	C/D		KC	Immobilizer
Amanti	2009 - 2009	C/D		KC	Smart Key Code Saving
Borrego	2008 - 2010	C/D		KC	Smart Key Code Saving
Cadenza	2014 - 2021	C/D		KC	Smart Key Code Saving
Forte Hatchback	2011 - 2018	C/D		KC	Smart Key Code Saving
Forte Koup	2011 - 2016	C/D		KC	Smart Key Code Saving
Forte Sedan	2011 - 2018	C/D		KC	Smart Key Code Saving
K900	2015 - 2018	C/D		KC	Smart Key Code Saving
Niro	2017 - 2022	C/D		KC	Smart Key Code Saving
Optima	2011 - 2020	C/D		KC	Smart Key Code Saving
Rio Hatchback	2012 - 2024	C/D		KC	Smart Key Code Saving
Rio Sedan	2012 - 2024	C/D		KC	Smart Key Code Saving
Sedona	2015 - 2021	C/D		KC	Smart Key Code Saving
Sorento	2011 - 2020	C/D		KC	Smart Key Code Saving
Soul	2011 - 2015	C/D		KC	Smart Key Code Saving
Soul/Soul EV	2016 - 2020	C/D		KC	Smart Key Code Saving
Sportage	2013 - 2022	C/D		KC	Smart Key Code Saving
Stinger	2018 - 2021	C/D		KC	Smart Key Code Saving
Cadenza	2014 - 2021	C/D	•	KC	Smart Key Unit

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KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Kia						
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System	
Forte Hatchback	2014 - 2018	C/D	•	KC	Smart Key Unit	
Forte Koup	2014 - 2016	C/D	•	KC	Smart Key Unit	
Forte Sedan	2014 - 2018	C/D	•	KC	Smart Key Unit	
K900	2015 - 2018	C/D	•	KC	Smart Key Unit	
Niro	2017 - 2022	C/D	•	KC	Smart Key Unit	
Optima	2011 - 2013	C/D	•	CF, KC	Smart Key Unit	
Optima	2014 - 2020	C/D	•	KC	Smart Key Unit	
Rio Hatchback	2012 - 2024	C/D	•	KC	Smart Key Unit	
Rio Sedan	2012 - 2024	C/D	•	KC	Smart Key Unit	
Rondo	2013 - 2017	C/D	•	KC	Smart Key Unit	
Sedona	2015 - 2021	C/D	•	KC	Smart Key Unit	
Sorento	2014 - 2020	C/D	•	KC	Smart Key Unit	
Soul	2014 - 2015	C/D	•	KC	Smart Key Unit	
Soul/Soul EV	2016 - 2020	C/D	•	KC	Smart Key Unit	
Sportage	2011 - 2013	C/D	•	CF, KC	Smart Key Unit	
Sportage	2014 - 2022	C/D	•	KC	Smart Key Unit	

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KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Lexus					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
GX 470	2003 - 2009	C/D	•	KC	Immobilizer
LS 430	2001 - 2006	C/D	•	KC	Immobilizer
LX 470	2004 - 2007	C/D	•	KC	Immobilizer
NX 250	2022 - 2022	C/D	•	KC	Immobilizer
NX 350	2022 - 2022	C/D	•	KC	Immobilizer
RX 330	2004 - 2006	C/D	•	KC	Immobilizer
RX 350	2007 - 2009	C/D	•	KC	Immobilizer
RX 400h	2006 - 2008	C/D	•	KC	Immobilizer
SC 430	2004 - 2010	C/D	•	KC	Immobilizer
LX 470	2003 - 2003	C/D	•	KC	Immobilizer Module
SC 430	2002 - 2003	C/D	•	KC	Immobilizer Module
ES 330	2004 - 2006	C/D	•	KC	Immobilizer Module Phase 3
GS 450h	2013 - 2017	C/D	•	KC	Immobilizer-Smart Key
CT 200h	2011 - 2017	C/D	•	KC	Smart Key Access
ES 300h	2013 - 2020	C/D	•	KC	Smart Key Access
ES 350	2007 - 2020	C/D	•	KC	Smart Key Access
GS 200t	2016 - 2017	C/D	•	KC	Smart Key Access
GS 300	2006 - 2006	C/D	•	KC	Smart Key Access
GS 300	2018 - 2020	C/D	•	KC	Smart Key Access
GS 350	2007 - 2011	C/D	•	KC	Smart Key Access
GS 350	2013 - 2020	C/D	•	KC	Smart Key Access
GS 430	2006 - 2007	C/D	•	KC	Smart Key Access
GS 450h	2007 - 2011	C/D	•	KC	Smart Key Access
GS 450h	2018 - 2018	C/D	•	KC	Smart Key Access
GS 460	2008 - 2011	C/D	•	KC	Smart Key Access
GS F	2016 - 2020	C/D	•	KC	Smart Key Access
GX 460	2010 - 2020	C/D	•	KC	Smart Key Access
HS 250h	2010 - 2013	C/D	•	KC	Smart Key Access
IS 200t	2016 - 2017	C/D	•	KC	Smart Key Access
IS 250	2006 - 2015	C/D	•	KC	Smart Key Access
IS 250C	2010 - 2015	C/D	•	KC	Smart Key Access
IS 300	2016 - 2020	C/D	•	KC	Smart Key Access
IS 350	2006 - 2020	C/D	•	KC	Smart Key Access
IS 350C	2010 - 2015	C/D	•	KC	Smart Key Access
IS F-Sports	2008 - 2014	C/D	•	KC	Smart Key Access
IS300H	2013 - 2021	C/D	•	KC	Smart Key Access
LC 500	2018 - 2020	C/D	•	KC	Smart Key Access
LC 500h	2018 - 2020	C/D	•	KC	Smart Key Access

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Lexus					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
LS 460	2007 - 2017	C/D	•	KC	Smart Key Access
LS 500	2018 - 2020	C/D	•	KC	Smart Key Access
LS 500h	2018 - 2020	C/D	•	KC	Smart Key Access
LS 600h	2008 - 2017	C/D	•	KC	Smart Key Access
LX 570	2008 - 2011	C/D	•	KC	Smart Key Access
LX 570	2013 - 2020	C/D	•	KC	Smart Key Access
NX 200t	2015 - 2017	C/D	•	KC	Smart Key Access
NX 300	2018 - 2020	C/D	•	KC	Smart Key Access
NX 300h	2015 - 2020	C/D	•	KC	Smart Key Access
RC 200t	2016 - 2017	C/D	•	KC	Smart Key Access
RC 300	2016 - 2020	C/D	•	KC	Smart Key Access
RC 350	2015 - 2020	C/D	•	KC	Smart Key Access
RC F	2015 - 2020	C/D	•	KC	Smart Key Access
RX 350	2010 - 2020	C/D	•	KC	Smart Key Access
RX 450h	2010 - 2020	C/D	•	KC	Smart Key Access
RX200t	2015 - 2017	C/D	•	KC	Smart Key Access
UX200	2019 - 2020	C/D	•	KC	Smart Key Access
UX250h	2019 - 2020	C/D	•	KC	Smart Key Access
UX300e	2022 - 2022	C/D	•	KC	Smart Key Access
LS 430	2004 - 2006	C/D	•	KC	Steering Lock

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Lincoln					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Aviator (4WD)	2003 - 2003	C/D	•	KC	Anti-Theft (PATS)
Aviator (AWD)	2003 - 2005	C/D	•	KC	Anti-Theft (PATS)
Aviator (RWD)	2003 - 2005	C/D	•	KC	Anti-Theft (PATS)
Blackwood	2002 - 2003	C/D	•	KC	Anti-Theft (PATS)
Continental	1998 - 2002	C/D	•	KC	Anti-Theft (PATS)
LS	2000 - 2006	C/D	•	KC	Anti-Theft (PATS)
Mark LT	2006 - 2008	C/D	•	KC	Anti-Theft (PATS)
Mark VIII	1997 - 2001	C/D	•	KC	Anti-Theft (PATS)
Mark VIII LSC	1997 - 1997	C/D	•	KC	Anti-Theft (PATS)
MKX (AWD)	2007 - 2010	C/D	•	KC	Anti-Theft (PATS)
MKX (FWD)	2007 - 2010	C/D	•	KC	Anti-Theft (PATS)
Navigator	1998 - 2008	C/D	•	KC	Anti-Theft (PATS)
Navigator	2009 - 2014	C/D		KC	Anti-Theft (PATS)
Navigator L	2007 - 2008	C/D	•	KC	Anti-Theft (PATS)
Navigator L	2009 - 2014	C/D		KC	Anti-Theft (PATS)
Town Car	1998 - 2011	C/D	•	KC	Anti-Theft (PATS)
Blackwood	2002 - 2003	C/D	•	KC	Hybrid Electronic Cluster
LS	2005 - 2006	C/D	•	KC	Hybrid Electronic Cluster
Navigator	1999 - 2002	C/D	•	KC	Hybrid Electronic Cluster
Town Car	1998 - 2004	C/D	•	KC	Hybrid Electronic Cluster
Mark VIII	1997 - 1998	C/D	•	KC	Steering Column/Inst Panel/Lighting
Mark VIII LSC	1997 - 1997	C/D	•	KC	Steering Column/Inst Panel/Lighting

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Mercury					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Mountaineer	2001 - 2001	C/D	•	KC	
Mystique	1998 - 1998	C/D	•	KC	
Cougar	1999 - 2002	C/D	•	KC	Anti-Theft (PATS)
Grand Marquis	1998 - 2001	C/D	•	KC	Anti-Theft (PATS)
Grand Marquis	2007 - 2011	C/D	•	KC	Anti-Theft (PATS)
Grand Marquis GS	2002 - 2006	C/D	•	KC	Anti-Theft (PATS)
Grand Marquis LS	2002 - 2002	C/D	•	KC	Anti-Theft (PATS)
Grand Marquis LS	2004 - 2006	C/D	•	KC	Anti-Theft (PATS)
Grand Marquis LS / Marauder	2003 - 2003	C/D	•	KC	Anti-Theft (PATS)
Marauder	2004 - 2004	C/D	•	KC	Anti-Theft (PATS)
Mariner	2006 - 2006	C/D	•	KC	Anti-Theft (PATS)
Mariner (2WD)	2005 - 2005	C/D	•	KC	Anti-Theft (PATS)
Mariner (4WD)	2005 - 2005	C/D	•	KC	Anti-Theft (PATS)
Mariner (4WD)	2007 - 2008	C/D	•	KC	Anti-Theft (PATS)
Mariner (4WD)	2009 - 2009	C/D		KC	Anti-Theft (PATS)
Mariner (AWD)	2010 - 2011	C/D		KC	Anti-Theft (PATS)
Mariner (FWD)	2007 - 2008	C/D	•	KC	Anti-Theft (PATS)
Mariner (FWD)	2009 - 2011	C/D		KC	Anti-Theft (PATS)
Mariner Hybrid	2006 - 2007	C/D	•	KC	Anti-Theft (PATS)
Mariner Hybrid (AWD)	2008 - 2008	C/D	•	KC	Anti-Theft (PATS)
Mariner Hybrid (AWD)	2009 - 2011	C/D		KC	Anti-Theft (PATS)
Mariner Hybrid (FWD)	2008 - 2008	C/D	•	KC	Anti-Theft (PATS)
Mariner Hybrid (FWD)	2009 - 2011	C/D		KC	Anti-Theft (PATS)
Montego	2007 - 2007	C/D	•	KC	Anti-Theft (PATS)
Montego (2WD)	2005 - 2006	C/D	•	KC	Anti-Theft (PATS)
Montego (AWD)	2005 - 2006	C/D	•	KC	Anti-Theft (PATS)
Monterey	2004 - 2007	C/D	•	KC	Anti-Theft (PATS)
Mountaineer	1998 - 2001	C/D	•	KC	Anti-Theft (PATS)
Mountaineer (AWD)	2003 - 2011	C/D	•	KC	Anti-Theft (PATS)
Mountaineer (RWD)	2003 - 2011	C/D	•	KC	Anti-Theft (PATS)
Mystique	1997 - 1997	C/D	•	KC	Anti-Theft (PATS)
Mystique	1999 - 2000	C/D	•	KC	Anti-Theft (PATS)
Sable	1996 - 2001	C/D	•	KC	Anti-Theft (PATS)
Sable GS	2005 - 2005	C/D	•	KC	Anti-Theft (PATS)
Sable LS	2005 - 2005	C/D	•	KC	Anti-Theft (PATS)
Sable LS / Platinum	2005 - 2005	C/D	•	KC	Anti-Theft (PATS)
Sable Sedan GS	2002 - 2004	C/D	•	KC	Anti-Theft (PATS)
Sable Sedan LS	2002 - 2004	C/D	•	KC	Anti-Theft (PATS)

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Mercury					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Sable Wagon GS	2002 - 2004	C/D	•	KC	Anti-Theft (PATS)
Sable Wagon LS	2002 - 2004	C/D	•	KC	Anti-Theft (PATS)

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KC Key Coding

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Key Coding

Mini					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
R50 Coupe	2001 - 2006	C/D		KC	Electronic Immobilizer (CAS/EWS)
R52 Convertible	2003 - 2009	C/D		KC	Electronic Immobilizer (CAS/EWS)
R53 Coupe	2001 - 2007	C/D		KC	Electronic Immobilizer (CAS/EWS)
R55 Clubman	2006 - 2013	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
R55 LCI Clubman	2009 - 2015	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
R56 Coupe	2006 - 2013	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
R56 LCI Coupe	2009 - 2014	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
R57 Convertible	2006 - 2013	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
R57 LCI Convertible	2009 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
R58 Coupe	2011 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
R59 Roadster	2013 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
R60 Countryman	2010 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)
R61 Paceman	2013 - 2020	C/D	•	KC	Electronic Immobilizer (CAS/EWS)

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KC Key Coding

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S Steering Angle Sensor

Key Coding

Mitsubishi					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Eclipse Cross (AWD)	2018 - 2024	C/D	•	KC, R	
Eclipse Cross (FWD)	2018 - 2024	C/D	•	KC, R	
Lancer	2008 - 2008	C/D	•	KC, R	
Lancer	2009 - 2011	C/D	•	KC, R, S	
Lancer	2012 - 2017	C/D	•	KC, R, S	
Lancer (AWD)	2012 - 2017	C/D	•	KC, R, S	
Lancer EVO	2008 - 2008	C/D	•	KC, R	
Lancer EVO	2010 - 2015	C/D	•	KC, R	
Lancer Ralliart	2009 - 2011	C/D	•	KC, R	
Lancer Ralliart	2012 - 2015	C/D	•	KC, R, S	
Lancer Sportback	2009 - 2009	C/D	•	KC, R, S	
Lancer Sportback	2010 - 2011	C/D	•	KC, R	
Lancer Sportback	2012 - 2017	C/D	•	KC, R, S	
Lancer Sportback Ralliart	2009 - 2011	C/D	•	KC, R	
Mirage	2014 - 2024	C/D	•	KC, R	
Mirage G4	2017 - 2024	C/D	•	KC, R	
Outlander (AWD)	2007 - 2009	C/D	•	KC, R, S	
Outlander (AWD)	2010 - 2011	C/D	•	KC, R	
Outlander (AWD)	2012 - 2013	C/D	•	KC, R, S	
Outlander (AWD)	2014 - 2022	C/D	•	KC, R	
Outlander (FWD)	2007 - 2009	C/D	•	KC, R, S	
Outlander (FWD)	2010 - 2011	C/D	•	KC, R	
Outlander (FWD)	2012 - 2013	C/D	•	KC, R, S	
Outlander (FWD)	2014 - 2022	C/D	•	KC, R	
Outlander Sport (AWD)	2011 - 2011	C/D	•	KC, R	
Outlander Sport (AWD)	2012 - 2013	C/D	•	KC, R, S	
Outlander Sport (AWD)	2014 - 2024	C/D	•	KC, R	
Outlander Sport (FWD)	2011 - 2011	C/D	•	KC, R	
Outlander Sport (FWD)	2012 - 2013	C/D	•	KC, R, S	
Outlander Sport (FWD)	2014 - 2024	C/D	•	KC, R	
RVR (AWD)	2011 - 2013	C/D	•	KC, R, S	
RVR (AWD)	2014 - 2024	C/D	•	KC, R	
RVR (FWD)	2011 - 2013	C/D	•	KC, R, S	
RVR (FWD)	2014 - 2024	C/D	•	KC, R	
i-MiEV	2012 - 2017	C/D		KC	Electronic Time and Alarm Control
Outlander (AWD)	2014 - 2022	C/D	•	KC	F.A.S.T./IMMO/Keyless
Outlander PHEV	2018 - 2022	C/D	•	KC	F.A.S.T./IMMO/Keyless
Lancer	2008 - 2008	C/D		KC	IMMO/Keyless

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Mitsubishi					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Lancer	2010 - 2017	C/D		KC	IMMO/Keyless
Lancer EVO	2010 - 2010	C/D		KC	IMMO/Keyless
Lancer Ralliart	2010 - 2010	C/D		KC	IMMO/Keyless
Lancer Sportback	2010 - 2010	C/D		KC	IMMO/Keyless
Lancer Sportback Ralliart	2010 - 2010	C/D		KC	IMMO/Keyless
Mirage	2014 - 2014	C/D		KC	IMMO/Keyless
Outlander (AWD)	2014 - 2016	C/D		KC	IMMO/Keyless
Outlander (FWD)	2014 - 2016	C/D		KC	IMMO/Keyless
Diamante	2001 - 2004	C/D		KC	Immobilizer
Eclipse	2000 - 2012	C/D		KC	Immobilizer
Eclipse Spyder	2001 - 2005	C/D		KC	Immobilizer
Eclipse Spyder	2007 - 2012	C/D		KC	Immobilizer
Endeavor (AWD)	2004 - 2008	C/D		KC	Immobilizer
Endeavor (AWD)	2010 - 2011	C/D		KC	Immobilizer
Endeavor (FWD)	2004 - 2008	C/D		KC	Immobilizer
Endeavor (FWD)	2010 - 2011	C/D		KC	Immobilizer
Galant	2000 - 2012	C/D		KC	Immobilizer
i-MiEV	2012 - 2017	C/D		KC	Immobilizer
Lancer	2003 - 2006	C/D		KC	Immobilizer
Lancer EVO	2003 - 2006	C/D		KC	Immobilizer
Montero	2001 - 2006	C/D		KC	Immobilizer
Montero Sport (4WD)	2000 - 2001	C/D		KC	Immobilizer
Montero Sport (4WD)	2003 - 2004	C/D		KC	Immobilizer
Montero Sport (RWD)	2000 - 2001	C/D		KC	Immobilizer
Montero Sport (RWD)	2003 - 2004	C/D		KC	Immobilizer
Outlander (AWD)	2004 - 2006	C/D		KC	Immobilizer
Outlander (FWD)	2004 - 2006	C/D		KC	Immobilizer

CF Configuration

KC Key Coding

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S Steering Angle Sensor

Key Coding

Oldsmobile		Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years				
Intrigue	1998 - 2002	C/D	•	KC	Body Control Module
Alero	2001 - 2004	C/D		KC	Keyless Entry
Aurora	2001 - 2003	C/D		KC	Keyless Entry
Bravada (AWD)	2002 - 2004	C/D	•	KC	Liftgate Module
Bravada (RWD)	2002 - 2004	C/D	•	KC	Liftgate Module

CF Configuration

KC Key Coding

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S Steering Angle Sensor

Key Coding

Pontiac					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Aztek (AWD)	2001 - 2005	C/D	•	KC	Body Control Module
Aztek (FWD)	2001 - 2005	C/D	•	KC	Body Control Module
G5 Pursuit	2006 - 2006	C/D	•	KC	Body Control Module
G6	2005 - 2006	C/D	•	KC	Body Control Module
Grand Prix	2004 - 2004	C/D	•	CF, KC	Body Control Module
Grand Prix	2005 - 2006	C/D	•	KC	Body Control Module
Montana (AWD)	2005 - 2005	C/D	•	KC	Body Control Module
Montana (Extended Wheelbase)	2005 - 2005	C/D	•	KC	Body Control Module
Montana (FWD)	2005 - 2005	C/D	•	KC	Body Control Module
Montana SV6	2007 - 2007	C/D	•	KC	Body Control Module
Montana SV6 (AWD)	2006 - 2006	C/D	•	KC	Body Control Module
Montana SV6 (Extended Wheelbase)	2007 - 2007	C/D	•	KC	Body Control Module
Montana SV6 (FWD)	2006 - 2006	C/D	•	KC	Body Control Module
Pursuit	2005 - 2006	C/D	•	KC	Body Control Module
Solstice	2006 - 2006	C/D	•	KC	Body Control Module
Sunfire	2000 - 2005	C/D	•	KC	Body Control Module
Torrent (AWD)	2006 - 2006	C/D	•	KC	Body Control Module
Torrent (FWD)	2006 - 2006	C/D	•	KC	Body Control Module
G2 Matiz	2005 - 2010			KC	Immobilizer
Bonneville	2000 - 2005	C/D		KC	Keyless Entry
G3	2007 - 2010	C/D		KC	Keyless Entry
G3 Wave	2009 - 2009	C/D		KC	Keyless Entry
Grand Am	2001 - 2005	C/D		KC	Keyless Entry
Wave	2005 - 2008	C/D		KC	Keyless Entry

CF Configuration

KC Key Coding

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Key Coding

Saturn					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Ion	2003 - 2007	C/D	•	KC	Body Control Module
L300	2005 - 2005	C/D	•	KC	Body Control Module
L-Series	2000 - 2004	C/D	•	KC	Body Control Module
Relay	2007 - 2007	C/D	•	KC	Body Control Module
Relay (AWD)	2005 - 2006	C/D	•	KC	Body Control Module
Relay (FWD)	2005 - 2006	C/D	•	KC	Body Control Module
S-Series	2000 - 2002	C/D	•	KC	Body Control Module
Vue	2002 - 2006	C/D	•	KC	Body Control Module
Vue (AWD)	2007 - 2007	C/D	•	KC	Body Control Module
Vue (FWD)	2007 - 2007	C/D	•	KC	Body Control Module

CF Configuration

KC Key Coding

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S Steering Angle Sensor

Key Coding

Scion					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
tC	2010 - 2010	C/D	•	KC	Immobilizer
xB	2011 - 2015	C/D	•	KC	Immobilizer
xD	2011 - 2011	C/D	•	KC	Immobilizer
tC	2005 - 2009	C/D	•	KC	Immobilizer Module Phase 3
iM	2016 - 2016	C/D	•	KC	Immobilizer-Smart Key
iQ	2012 - 2015	C/D	•	KC	Immobilizer-Smart Key
tC	2011 - 2016	C/D	•	KC	Immobilizer-Smart Key
xD	2012 - 2014	C/D	•	KC	Immobilizer-Smart Key
FR-S	2013 - 2016	C/D	•	KC	Smart Key Access

CF Configuration

KC Key Coding

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S Steering Angle Sensor

Key Coding

Smart					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Fortwo Cabriolet (450)	2005 - 2007	C/D	•	KC	Signal Acquisition & Actuation Module
Fortwo Cabriolet (451)	2008 - 2016	C/D	•	KC	Signal Acquisition & Actuation Module
Fortwo Coupe (450)	2005 - 2007	C/D	•	KC	Signal Acquisition & Actuation Module
Fortwo Coupe (451)	2008 - 2016	C/D	•	KC	Signal Acquisition & Actuation Module

CF Configuration

KC Key Coding

R Relearn

S Steering Angle Sensor

Key Coding

Toyota					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
4RUNNER	2020 - 2024	C/D	•	KC	Immobilizer
Camry	2007 - 2009	C/D	•	KC	Immobilizer
Camry	2018 - 2024	C/D	•	KC	Immobilizer
C-HR	2018 - 2023	C/D	•	KC	Immobilizer
Corolla	2019 - 2024	C/D	•	KC	Immobilizer
Corolla Cross	2022 - 2024	C/D	•	KC	Immobilizer
Corolla/Corolla iM	2018 - 2018	C/D	•	KC	Immobilizer
Matrix	2011 - 2014	C/D	•	KC	Immobilizer
Prerunner	2010 - 2015	C/D	•	KC	Immobilizer
Prius C	2018 - 2020	C/D	•	KC	Immobilizer
Rav4	2020 - 2024	C/D	•	KC	Immobilizer
Sequoia	2010 - 2022	C/D	•	KC	Immobilizer
Sienna	2010 - 2010	C/D	•	KC	Immobilizer
Tacoma	2010 - 2024	C/D	•	KC	Immobilizer
Tundra	2010 - 2021	C/D	•	KC	Immobilizer
X-Runner	2010 - 2015	C/D	•	KC	Immobilizer
Yaris	2010 - 2011	C/D	•	KC	Immobilizer
Yaris	2018 - 2024	C/D	•	KC	Immobilizer
Yaris Hatchback	2012 - 2017	C/D	•	KC	Immobilizer
Yaris Sedan	2012 - 2016	C/D	•	KC	Immobilizer
4Runner	2003 - 2009	C/D	•	KC	Immobilizer Module Phase 3
Camry	2003 - 2006	C/D	•	KC	Immobilizer Module Phase 3
Corolla	2005 - 2009	C/D	•	KC	Immobilizer Module Phase 3
Echo	2005 - 2005	C/D	•	KC	Immobilizer Module Phase 3
Highlander	2003 - 2007	C/D	•	KC	Immobilizer Module Phase 3
Land Cruiser	2003 - 2007	C/D	•	KC	Immobilizer Module Phase 3
Matrix	2005 - 2009	C/D	•	KC	Immobilizer Module Phase 3
Prerunner	2005 - 2009	C/D	•	KC	Immobilizer Module Phase 3
Rav4	2004 - 2008	C/D	•	KC	Immobilizer Module Phase 3
Sequoia	2008 - 2009	C/D	•	KC	Immobilizer Module Phase 3
Sienna	2004 - 2009	C/D	•	KC	Immobilizer Module Phase 3
Solara	2004 - 2009	C/D	•	KC	Immobilizer Module Phase 3
Tacoma	2005 - 2009	C/D	•	KC	Immobilizer Module Phase 3
Tundra	2007 - 2009	C/D	•	KC	Immobilizer Module Phase 3
X-Runner	2005 - 2009	C/D	•	KC	Immobilizer Module Phase 3
Yaris	2006 - 2009	C/D	•	KC	Immobilizer Module Phase 3
4Runner	2010 - 2019	C/D	•	KC	Immobilizer-Smart Key
Avalon	2005 - 2012	C/D	•	KC	Immobilizer-Smart Key

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KC Key Coding

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S Steering Angle Sensor

Key Coding

Toyota					
Model	Years	Codes/ Data	Actuator Tests	Special Functions	Base System
Camry	2007 - 2017	C/D	•	KC	Immobilizer-Smart Key
Camry Demo	2016 - 2016	C/D	•	KC	Immobilizer-Smart Key
Corolla	2010 - 2016	C/D	•	KC	Immobilizer-Smart Key
Corolla/Corolla iM	2017 - 2017	C/D	•	KC	Immobilizer-Smart Key
FJ Cruiser	2008 - 2014	C/D	•	KC	Immobilizer-Smart Key
Highlander	2008 - 2019	C/D	•	KC	Immobilizer-Smart Key
Matrix	2010 - 2010	C/D	•	KC	Immobilizer-Smart Key
Prerunner	2013 - 2013	C/D	•	KC	Immobilizer-Smart Key
Prius C	2012 - 2017	C/D	•	KC	Immobilizer-Smart Key
Rav4	2009 - 2018	C/D	•	KC	Immobilizer-Smart Key
Sienna	2011 - 2020	C/D	•	KC	Immobilizer-Smart Key
Tacoma	2016 - 2017	C/D	•	KC	Immobilizer-Smart Key
Tacoma	2020 - 2020	C/D	•	KC	Immobilizer-Smart Key
Venza	2009 - 2016	C/D	•	KC	Immobilizer-Smart Key
4RUNNER	2020 - 2020	C/D	•	KC	Smart Key Access
86	2017 - 2020	C/D	•	KC	Smart Key Access
Avalon	2013 - 2020	C/D	•	KC	Smart Key Access
Camry	2007 - 2020	C/D	•	KC	Smart Key Access
C-HR	2018 - 2020	C/D	•	KC	Smart Key Access
Corolla	2019 - 2020	C/D	•	KC	Smart Key Access
Corolla/Corolla iM	2018 - 2018	C/D	•	KC	Smart Key Access
Highlander	2018 - 2020	C/D	•	KC	Smart Key Access
Land Cruiser	2018 - 2020	C/D	•	KC	Smart Key Access
Mirai	2016 - 2020	C/D	•	KC	Smart Key Access
Prius	2010 - 2020	C/D	•	KC	Smart Key Access
Prius C	2018 - 2020	C/D	•	KC	Smart Key Access
Prius Plug-In	2012 - 2015	C/D	•	KC	Smart Key Access
Prius Prime	2017 - 2020	C/D	•	KC	Smart Key Access
Prius V	2012 - 2018	C/D	•	KC	Smart Key Access
Rav4	2012 - 2015	C/D	•	KC	Smart Key Access
Rav4	2018 - 2020	C/D	•	KC	Smart Key Access
Tacoma	2018 - 2019	C/D	•	KC	Smart Key Access

CF Configuration

KC Key Coding

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