ADVANCED DIAGNOSTICS USA, INC.

MVP PRO / TCODE PRO
2016 Key Look–Up Guide

2016 Version-2

ADVANCED DIAGNOSTICS USA

Introduction

Proper Vehicle Identification is essential!

Always check the VIN to accurately determine the MODEL YEAR of the car you are working on. Using the chart below will help you easily verify this information.

10th Digit of the VIN = Model Year	
1996 = T	2007 = 7
1997 = V	2008 = 8
1998 = W	2009 = 9
1999 = X	2010 = A
2000 = Y	2011 = B
2001 = 1	2012 = C
2002 = 2	2013 = D
2003 = 3	2014 = E
2004 = 4	2015 = F
2005 = 5	2016 = G
2006 = 6	2017 = H
Example- 1N4AL3AP0DN451923 D= 2013 model year	

LOOK AT 10TH POSITION OF THE VIN

STRONG BATTERY VOLTAGE IS IMPORTANT!

Make sure when programming that the vehicle battery is kept at AT LEAST 12 Volts.

Use a jump pack or jumper cables.

KEEP YOUR MVP PRO / T-CODE PRO UPDATED

Frequently updating the software on your unit will make sure you always have the latest programming capabilities we have to offer! We recommend updating at least once per month or more.

FOR FREE UPDATES TO THIS GUIDE: CHECK WWW.ADUSA.US

Every attempt is made to insure accuracy however nothings perfect & info is subject to change.

Found an error? Contact Corrections
Email: John@adusa.us

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Quickly & easily Convert BCM numbers to PIN CODES & BYPASS NISSAN 20 DIGIT CODES! Using SMART DONGLE & ADC-198SD Software.

(Now avaialble as optional equipment)

NEW FEATURE AVAILABLE FOR SMART DONGLE OWNERS!

TOYOTA SMART DONGLE RESET (16 minute bypass):

Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET TOYOTA IMMOBILIZER TYPE 5 & TYPE 6 (G & H KEY systems. Use latest BETA)

Contact your distributor today!

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READ THIS BEFORE WORKING ON ANY ACURA HONDA VEHICLES THAT MAY HAVE HAD COMPONENTS CHANGED.

Component matching on ALL Type3 and up systems.
If any computer components such as PCM, Immo ring, etc. have been replaced or swapped out.
(By a body shop for example, when a new steering collumn has been installed.)
A DEALER TOOL will be required in order to re-match components.
Simply programming the keys with MVP or TCODE will not perform the necessary matching functions!

2013-2015 ACCORD (HONDA) PROXIMITY TYPE IGNITIONS — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote is required		Select by Vehicle	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2013-2015 ACCORD (HONDA) KEY TYPE IGNITIONS — ADS-166

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM "G" RKE KEY or ILCO HO05-PT		Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2008-2012 ACCORD (HONDA) — ADS-166

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2003-2007 ACCORD (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **4**	No	Not Needed	Not Needed	**C**-Green Or SD

1998-2002 ACCORD (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **2A** **or** Type **2C**	No	Not Needed	Not Needed	***C**-Green Or SD

Note: Models with ULEV engine will use Type 2C with Pro "A" Dongle.
Also, * In some case's it may be necessary to use Dongle "A" or "C".

2014-2016 CIVIC (HONDA) PROXIMITY TYPE IGNITIONS — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote is required		Select 2013 Accord PROX	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2014-2016 CIVIC (HONDA) KEY TYPE IGNITIONS — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM "G" RKE KEY or ILCO HO05-PT		Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

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Acura / Honda

2012-2013 CIVIC (HONDA) — ADS-166

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2006-2011 CIVIC (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **7** or **8**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2003-2005 CIVIC (HONDA) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692247	HO01-PT	Type **3**	No	Not Needed	Not Needed	**C**-Green Or SD

2001-2002 CIVIC (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **3**	No	Not Needed	Not Needed	**C**-Green Or SD

1998-2003 CL (ACURA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **2A** **or** Type **2C**	No	Not Needed	Not Needed	***C**-Green Or SD

Note: * In some case's it may be necessary to use Dongle "A" or "C".

2006-2010 CSX (CANADA) (ACURA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **7** or **8**	No	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2013-2014 CROSSTOUR (HONDA) PROXIMITY TYPE IGNITIONS — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote is required		Select by Vehicle	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2013-2014 CROSSTOUR (HONDA) KEY TYPE IGNITIONS — ADS-166

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM "G" RKE KEY or ILCO HO05-PT		Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

Note: Vehicle also uses a Remote Head key from the factory.

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2010-2012 CROSSTOUR (HONDA) KEY TYPE IGNITIONS — ADS-166

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2014-2015 CRV (HONDA) KEY TYPE IGNITIONS — ADS-166

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM "G" RKE KEY or ILCO HO05-PT		Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2012-2013 CRV (HONDA) — ADS-166

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2007-2011 CRV (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **10**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2002-2006 CRV (HONDA) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692247	HO01-PT	Type **3**	No	Not Needed	Not Needed	**C**-Green Or SD

2011-2014 CRZ (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **10**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2003-2005 EL (CANADA) (ACURA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **3**	No	Not Needed	Not Needed	**C**-Green Or SD

2001-2002 EL (CANADA) (ACURA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106-PT	Type **3**	No	Not Needed	Not Needed	**C**-Green Or SD

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Acura / Honda

2011-2012 ELEMENT (Honda) — ADS-166

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

Note: Some 2011 cars may still use the 2010 system.

2007-2010 ELEMENT (Honda) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **11**	Yes	Smart Card or A.D. Webcode required.		**D** Blue

2006 ELEMENT (Split Year) (Honda) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **4**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: A few models have been found using Type 3 and HO01PT keys.

Split Year

2006 ELEMENT (Split Year) (Honda) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692247	HO01-PT	Type **3**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: A few models have been found using Type 3 and HO01PT keys.

2003-2005 ELEMENT (Honda) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692247	HO01-PT	Type **3**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: 2005 is split year - It could use either system with matching transponder key.

2015-2016 FIT (Honda) PROXIMITY type ignitions — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER PROX		Select by Vehicle	YES	Not Needed	Not Needed	**A**-Black Or SD

Note: Requires the latest BETA at time of printing. Procedures are the same as the 14 Honda Accord Prox.

2015-2016 FIT (Honda) KEY type ignitions — ADS-166

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM “G” RKE KEY or ILCO HO05-PT		Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

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2009-2014 FIT (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **10**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

Note: Ilco or Strattec after-market "V" chip will work as a replacement to the factory "L" chip.
- You cannot use a factory "V" chip on this car. Also, It may be necessary to use the "A", "C", or "D" dongle

Split Year

2008 FIT (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **11**	Yes	Smart Card or A.D. Webcode required.		**D** Blue

Note: Some 2008 Fit models may use "H" Chip key and remotes & some will not. Fit models are made in different factories around the world. Different Immobilizers Systems are used. (This is risk you take when programming Fit models.)

2007 FIT (HONDA) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HO03-PT HD113-PT		Type **9**	Yes	Smart Card or A.D. Webcode required.		**D** Blue **A**-Black Or SD

Note: Use the Blue dongle, we have seen some cars that need the Black dongle instead.

2015 HR-V (HONDA) KEY TYPE IGNITIONS — ADS-166

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM "G" RKE KEY or ILCO HO05-PT		Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2013-2015 ILX - PROXIMITY (ACURA) — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote is required		Select by Vehicle	Yes	Smart Card or A.D. Webcode required.		**N** Lime Green

2010-2014 INSIGHT (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **10**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

Note: Ilco or Strattec after-market "V" chip will work as a replacement to the factory "L" chip.
- You cannot use a factory "V" chip on this car. Also, It may be necessary to use the "A", "C", or "D" dongle

2000-2006 INSIGHT (Honda) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **2A**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: Models with ULEV engine will use Type 2C with Pro "A" Dongle.

2000-2001 INTEGRA (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **2A**	No	Not Needed	Not Needed	**A or C**

Note: In some case's it may be necessary to use Pro Dongle "A" or "C".

2014-2016 MDX (Acura) PROXIMITY type ignitions — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER PROX		Select ACCORD PROX	YES	Not Needed	Not Needed	**A**-Black Or SD

Procedures are the same as the 14 Honda Accord Prox.

2007-2013 MDX (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **7 or 8**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2001-2006 MDX (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **2B or 3**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: If no comms under 2B, then try Type 3. In some case's it may be necessary to use Pro Dongle "A" or "C".

1997-2005 NSX (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **1A**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: See Honda Type 1 Section - for more information. Replacement Immobilizer Box may be required.

2014-2015 ODYSSEY (Honda) PROXIMITY type ignitions — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote is required		Select by Vehicle (or Accord)	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

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2011-2013 ODYSSEY (HONDA) — ADS-166

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2007-2010 ODYSSEY (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **11**	Yes	Smart Card or A.D. Webcode required.		**D** Blue

2005-2006 ODYSSEY (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **4**	No	Not Needed	Not Needed	**C**-Green Or SD

2003-2004 ODYSSEY (HONDA) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692247	HO01-PT	Type **2B** or **3**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: Some Odyssey models may program with Type 2B using 'A' or 'C' dongles, instead of Type 3.

1998-2002 ODYSSEY (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **2A**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: In some case's it may be necessary to use Pro Dongle "A" or "C".

Split Year

2005 PILOT (SPLIT YEAR) (HONDA) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692247	HO01-PT	Type **2B**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: A few 2005 Pilot models have been found using Type 4 and "V" Chip keys.

2005 PILOT (SPLIT YEAR) (HONDA) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **4**	No	Not Needed	Not Needed	**C**-Green Or SD

2003-2004 PILOT (Honda) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692247	HO01-PT	Type **2B**	No	Not Needed	Not Needed	**C**-Green Or SD

1997-2001 PRELUDE (Honda) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **1A**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: See Honda Type 1 Section - for more information. Replacement Immobilizer Box may be required.

2013-2014 RDX - Proximity (Acura) — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote is required		Select by Vehicle	Yes	Smart Card or A.D. Webcode required.		**N** Lime Green

2007-2012 RDX (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **7** or **8**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2009-2014 RIDGELINE (Honda) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **11**	Yes	Smart Card or A.D. Webcode required.		**D** Blue

2006-2008 RIDGELINE (Honda) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **4**	No	Not Needed	Not Needed	**C**-Green Or SD

2010-2012 RL (Acura) E-KEY Programming — ADS-110

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Key: 35111-SJA-305		Type **11**	Yes	Smart Card or A.D. Webcode required.		**D** Blue

Note: Mechanical Ignition lock can be accessed by removing (un-snap) the Prox “Twist” Knob.

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2005-2009 RL (Acura) E-KEY Programming — ADS-110

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Key: 35111-SJA-305		Type **4**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: Mechanical Ignition lock can be accessed by removing (un-snap) the Prox "Twist" Knob.

2007-2012 RL (Acura) PROXIMITY Programming — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER PROX: 72147-SJA-A01 - Driver #1 72147-SJA-A11 - Driver #2		Select by Vehicle	Yes	Smart Card or A.D. Webcode required.		**N** Lime Green

This Table refers to the PROX (Program E-Key separately)

2005-2006 RL (Acura) PROXIMITY Programming — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER PROX: 72147-SJA-A01 - Driver #1 72147-SJA-A11 - Driver #2		Select by Vehicle	Yes	Smart Card or A.D. Webcode required.		**C**-Green Or SD

This Table refers to the PROX (Program E-Key separately)

2002-2004 RL (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **1C**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: See Honda Type 1 Section - for more information. Replacement Immobilizer Box may be required.

2000-2001 RL (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **1B**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: See Honda Type 1 Section - for more information. Replacement Immobilizer Box may be required.

1996-1999 RL (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **1A**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: See Honda Type 1 Section - for more information. Replacement Immobilizer Box may be required.

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2014-2016 RLX (Acura) PROXIMITY type ignitions — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote is required		Select ACCORD PROX	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2002-2006 RSX (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **3**	No	Not Needed	Not Needed	**C**-Green Or SD

2008-2009 S2000 (Honda) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **9** or **11**	Yes	Smart Card or A.D. Webcode required.		**D** Blue

2006-2007 S2000 (Honda) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HD113-PT		Type **9** or **11**	Yes	Smart Card or A.D. Webcode required.		**D** Blue

2004-2005 S2000 (Honda) — ADS-110

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692247	HO01-PT	Type **2A or 2B**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: It may be necessary to use Pro Dongle A or C. Some models may use TYPE 3 System & Key

2000-2003 S2000 (Honda) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **2A or 2B**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: In some case's it may be necessary to use Pro Dongle "A" or "C".

2009-2014 TL (Acura) PROXIMITY type ignitions — ADS-193

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER PROX: 72147-TK4-A71 - Driver #1 72147-TK4-A81 - Driver #2		Select by Vehicle	Yes	Smart Card or A.D. Webcode required.		**N** Lime Green

Note: Emergency key does Not have a chip in it. It is only used to unlock the door when the battery is low.

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2009-2014 TL (Acura) KEY TYPE IGNITIONS — ADS-166

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2007-2008 TL (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **11**	Yes	Smart Card or A.D. Webcode required.		**D** Blue

2004-2006 TL (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907552 HD108HPT	HD111-PT	Type **4**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: Double sided key with "V" chip. *NOT* High Security.

1999-2003 TL (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692246 HD106HPT	HD106PT	Type **2A**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: In some case's it may be necessary to use Pro Dongle "A" or "C".

2009-2013 TSX (Acura) — ADS-166

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

2007-2008 TSX (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907552 HD108HPT	HD111-PT	Type **11**	Yes	Smart Card or A.D. Webcode required.		**D** Blue

Note: Double sided key with "V" chip. *NOT* High Security.

2004-2006 TSX (Acura) — ADS-110

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907552 HD108HPT	HD111-PT	Type **4**	No	Not Needed	Not Needed	**C**-Green Or SD

Note: Double sided key with "V" chip. *NOT* High Security.

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2010-2013 ZDX (Acura) PROXIMITY type ignitions						ADS-193
DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote is required		Select by Vehicle	Yes	Smart Card or A.D. Webcode required.		**N** Lime Green

2010-2012 ZDX (Acura) KEY type ignitions						ADS-166
STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907553 HD112HPT	HO03-PT	Type **13**	Yes	Smart Card or A.D. Webcode required.		**A**-Black Or SD

READ THIS BEFORE WORKING ON ANY ACURA HONDA VEHICLES THAT MAY HAVE HAD COMPONENTS CHANGED.

Component matching on ALL Type3 and up systems.
If any computer components such as PCM, Immo ring, etc. have been replaced or swapped out.
(By a body shop for example, when a new steering collumn has been installed.)
A DEALER TOOL will be required in order to re-match components.

Simply programming the keys with MVP or TCODE will not perform the necessary matching functions!

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Split Year

MID 2005-2008 A4 (AUDI) — ADS-219

NEW KEY & SPARE KEY PROGRAMMING IS POSSIBLE. A programmed key is not needed

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Audi CAN	Audi CAN	Select By Vehicle	Yes	NO	Not Needed	**A**-Black Or SD

Note: A virgin key (chip) is required, it can be OEM key or an aftermarket key, as long as it is fresh, never used before and in an un-locked condition. OEM remote porgramming is also supported. (see instructions)

2002 - MID 2005 A4 (AUDI) — ADS-146

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	By Engine Code Use BAA	**A**-Black Or SD

Note: 2005 is a split year

2001-2004 A6 / S6 (AUDI) — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	By Engine Code See Note	**A**-Black Or SD

Note: For PIN read use VW Beetle BDC on 2.7 engine or VW Touareg BAA on 3.0 engines.

2001 A8 / S8 (AUDI) — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	By Engine Code Use VW Beetle BDC	**A**-Black Or SD

2012-2015 BEETLE (VOLKSWAGEN) WITH KEYED IGNITION — ADS-219

NEW KEY & SPARE KEY PROGRAMMING IS POSSIBLE. A programmed key is not needed

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T24	HAT9753	UDS Marelli Dash	Yes	NO	Not Needed	**A**-Black Or SD

Note: A virgin key (chip) is required, it can be OEM key or an aftermarket key, as long as it is fresh, never used before and in an un-locked condition. OEM remote programming is also supported. (see instructions)

2006-2010 BEETLE (VOLKSWAGEN) — ADS-146

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key ordered by VIN after mid 2006	Select by Vehicle VAG Type 3	Yes	Yes	By Engine Code Gas engines use BPR	**A**-Black Or SD

2006 Might require Pre-Coding 2007-2010 will require Pre Coding.

2000-2005 BEETLE (VOLKSWAGEN) — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	MM DASH READ **See Note	A-Black Or SD

Note: For years '00-'01 with gas engines use MM5. For '02-'04 use Beetle BDC. For '05 use MM5 Beetle 2005+ Type 2.

2000-2002 CABRIO (VOLKSWAGEN) — ADS-115

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer, key varies with VIN	VAG Type 1	Yes	Yes	**NO PIN READ** by OBD see note	A-Black Or SD

PIN CANNOT BE READ VIA OBD. Read PIN from IMMO box using EEPROM if you have this capability.

2007-2008 EOS (VOLKSWAGEN) — ADS-146

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key ordered by VIN	Select by Vehicle VAG CAN	Yes	Yes	By Engine Code	A-Black Or SD

Note: Transponder pre-coding can be read on most but not all engine codes.

2001-2004 EUROVAN (VOLKSWAGEN) — ADS-115

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer, key varies with VIN	VAG Type 1	Yes	Yes	**NO PIN READ** by OBD see note	A-Black Or SD

PIN CANNOT BE READ VIA OBD. Read PIN from IMMO box using EEPROM if you have this capability.

2010-2012 GOLF/GTI (VOLKSWAGEN) — ADS-219

ONLY SPARE KEY PROGRAMMING IS POSSIBLE. CANNOT BE USED IF NO WORKING KEY IS AVAILABLE.

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T24	HAT9753	UDS VDO Dash	Yes	NO	Not Needed	A-Black Or SD

Note: A virgin key (chip) is required, it can be OEM key or an aftermarket key, as long as it is fresh, never used before and in an un-locked condition. OEM remote porgramming is also supported. (see instructions)

2009 GOLF/GTI (VOLKSWAGEN) — ADS-146

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key ordered by VIN	Select by Vehicle VAG CAN	Yes	Yes	Use CCTA as Engine Code	A-Black Or SD

Note: Requires OEM key at this time. Transponder pre-coding cannot be read at this time.

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2006-2008 GOLF / RABBIT (Volkswagen) — ADS-146

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Early 2006 - HU66T24 Mid 06-08 Dealer Key ordered by VIN	Select by Vehicle VAG CAN	Yes	Yes	By Engine Code	**A**-Black Or SD

2002-2004 GOLF (Volkswagen) — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	By Engine Code See Note	**A**-Black Or SD

Note: Use Beetle BDC for gas engines.

2000-2001 GOLF (Volkswagen) — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	Use 1J/1E Auto (Cluster)	**A**-Black Or SD

2010-2012 Jetta (Volkswagen) with Keyed Ignition — ADS-219

Only Spare Key Programming is possible. Cannot be used if no working key is available.

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T24	HAT9753	UDS VDO Dash	Yes	NO	Not Needed	**A**-Black Or SD

Note: A virgin key (chip) is required, it can be OEM key or an aftermarket key, as long as it is fresh, never used before and in an un-locked condition. OEM remote porgramming is also supported. (see instructions)

2009 Jetta (Volkswagen) — ADS-146

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key ordered by VIN	Select by Vehicle VAG CAN	Yes	Yes	Use CCTA as Engine Code gas engines	**A**-Black Or SD

Note: Requires pre-coded OEM key at this time.

2006-2008 Jetta (Volkswagen) — ADS-146

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Early 2006 - HU66T24 Mid 06-08 Dealer Key ordered by VIN	Select by Vehicle VAG CAN	Yes	Yes	By Engine Code	**A**-Black Or SD

2005 Jetta (Volkswagen) Newer Body Style — ADS-115

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T24	Select by Vehicle VAG CAN	Yes	Yes	By Engine Code	A-Black Or SD

Note: Use CAN Type 1

Split Year

2005 Jetta (Volkswagen) Old Body Style — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	Use 1J/1E Auto (Cluster)	A-Black Or SD

Note: If your not sure if it's the old or newer body style, try and comm under VAG Immo Type 2.

If Vag Immo Type 2 Communicates it's the old body style.

2002-2004 Jetta (Volkswagen) — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	By Engine Code See Note	A-Black Or SD

Note: Use Beetle BDC for gas engines.

2000-2001 Jetta (Volkswagen) — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	Use 1J/1E Auto (Cluster)	A-Black Or SD

2011-2012 PASSAT (Volkswagen) with Keyed Ignition — ADS-219

Only Spare Key Programming is possible. Cannot be used if no working key is available.

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T24	HAT9753	UDS VDO Dash	Yes	NO	Not Needed	A-Black Or SD

Note: A virgin key (chip) is required, it can be OEM key or an aftermarket key, as long as it is fresh, never used before and in an un-locked condition. OEM remote porgramming is also supported. (see instructions)

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2006-2008 PASSAT (VOLKSWAGEN) — ADS-146

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key ordered by VIN	Select by Vehicle VAG CAN	Yes	Yes	By Engine Code See Note	**A**-Black Or SD

Note: If no working key is available, it is difficult vehicle to read the PIN. The ECU must be powered on. This can be done carefully through the fuse box using a fuse lead.

2001-2005 PASSAT (VOLKSWAGEN) — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	By Engine Code See Note	**A**-Black Or SD

Note: Try using VDO Dash Read, Beetle BDC, or Touareg BAA.

2006-2008 RABBIT (VOLKSWAGEN) — ADS-146

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key ordered by VIN after Mid 2006	Select by Vehicle VAG CAN	Yes	Yes	By Engine Code	**A**-Black Or SD

Note: 06-08 Transponder pre-coding can be read on most but not all engine codes. 06 may not require pre-coding.

2011-2015 ROUTAN (VOLKSWAGEN) — ADS-173

OEM / STRATTEC / HATA / ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT	Fobik B	Yes	Yes 4-Digit PIN	Possible See Note	**G**-Tan Or SD

Note: This vehicle is made by Chrysler. You can use Chrysler FOBIKs or Chrysler pod key for the keys.

2010 ROUTAN (VOLKSWAGEN) — ADS-173

OEM / STRATTEC / HATA / ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT	FOBIK A or B	Yes	Yes 4-Digit PIN	Possible See Note	**G**-Tan Or SD

Note: This vehicle is made by Chrysler. You can use Chrysler FOBIKs or Chrysler pod key for the keys.

2009 ROUTAN (VOLKSWAGEN) — ADS-173

OEM / STRATTEC / HATA / ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT	FOBIK A	Yes	Yes 4-Digit PIN	Possible See Note	**G**-Tan Or SD

Note: This vehicle is made by Chrysler. You can use Chrysler FOBIKs or Chrysler pod key for the keys.

AUDI / VOLKSWAGEN

2002 - mid 2005 S4 (Audi) — ADS-146

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	By Engine Code See Note	**A**-Black Or SD

Note: 2005 is a split year, NEWER body style vehicles CANNOT be programmed at this time. For PIN read - use VW Beetle BDC on 2.7 engine or VW Touareg BAA on 3.0 engines.

2004-2006 TOUAREG (Volkswagen) — ADS-146

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer ordered key required	Select by Vehicle	Yes	Yes	By Engine Code See Note	**A**-Black Or SD

Note: If no working key is available, it is a difficult vehicle to read the PIN. The ECU must be powered on. This can be done carefully through the fuse box using a fused lead.

mid 2005 TT (Audi) — ADS-146

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	By Engine Code	**A**-Black Or SD

mid 2001-2005 TT (Audi) — ADS-115

ILCO	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HU66T6	HU67HPT	Select by Vehicle VAG Type 2	Yes	Yes	By Engine Code	**A**-Black Or SD

A note about our newest ADS-219 software:
Currently enhancements to VAG ADS-219 are being made that should make doing many older models easier ADS-219 will continue to add more models and functionality as time goes on.

Beware of component mis-match on AUDI / VW..
If any computer components such as Engine Control Module or Dashboard have been replaced or swapped DEALER EQUIPMENT is required in order to re-match components.
Simply programming the keys will not perform the necessary matching functions!

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FOR BEST RESULTS WITH SKIM / PIN CODE READING ON ALL APPLICABLE VEHICLES
USE BETA 11.99 OR HIGHER

2011-2014 200 (Chrysler) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 2	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: Vehicle also uses a Remote Head key from the factory.

2011-2015 300 / 300C (Chrysler) — ADS-178

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Fob FCC ID = M3N40821302		PROX GEN 4	Yes	Yes	Yes	**G**-Tan Or SD

2009-2010 300 / 300C (Chrysler) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

2008 300 / 300C (Chrysler) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		FOBIK A	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

Split Year

mid 2006-2007 300 / 300C (Chrysler) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 5	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: A few models may use CAN 4. Vehicle also uses a Remote Head key from the factory.

2005 to early 2006 300 / 300C (Chrysler) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 1	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: Overlapping mid-year change for 2006. Vehicle also uses a Remote Head key from the factory.

1999-2004 300M (Chrysler) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2 VPW	No	Yes	with ADS-157 Software	**C**-Green Or SD

Note: PIN Read possible on 2001-2004 models only. Use AD-38 for 1999-2000 models.

2007-2009 ASPEN (CHRYSLER) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 4	Yes	Yes	with ADS-157 Software	G-Tan Or SD

Note: This vehicle also use's a Dealer Remote Head Key.

2008-2014 AVENGER (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 2	Yes	Yes	with ADS-157 Software	G-Tan Or SD

Note: Vehicle also uses a Remote Head key from the factory.

1999-2000 BREEZE (PLYMOUTH) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 1	No	Yes	with AD-38 Tool	C-Green Or SD

Note: Need Dealer PIN or use AD-38 tool for 1999-2000 models. Transponder system was optional.

2007-2012 CALIBER (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 3	Yes	Yes	with ADS-157 Software	G-Tan Or SD

2011-2015 CARAVAN (DODGE) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B	Yes	Yes	with FOBIK Software	G-Tan Or SD

2009-2010 CARAVAN (DODGE) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik A or B	Yes	Yes	with FOBIK Software	G-Tan Or SD

2008 CARAVAN (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik Original	Yes	Yes	with FOBIK Software	G-Tan Or SD

FOR BEST RESULTS WITH SKIM / PIN CODE READING ON ALL APPLICABLE VEHICLES
USE BETA 11.99 OR HIGHER

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2004-2007 CARAVAN (Dodge) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	PACIFICA	No	Yes	NO PIN READ AVAILABLE	C-Green Or SD

Note: Need Dealer PIN. This van may also use a Remote Head Key. Transponder system was optional.

2001-2003 CARAVAN (Dodge) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2 VPW	No	Yes	with ADS-157 Software	C-Green Or SD

Note: Transponder system was optional.

2015 CHALLENGER PROXIMITY type ignitions (Dodge) — ADS-178

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Fob FCC ID = M3N40821302		PROX GEN 4	Yes	Yes	Yes	G-Tan Or SD

2008-2014 CHALLENGER FOBIK type ignitions (Dodge) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B	Yes	Yes	with FOBIK Software	G-Tan Or SD

Note: Some Challenger models may be equipped with an option called “Keyless Go” that includes a “Push-to-Start” button ignition. For programming the “Button” is removed and a Fobik Ignition is behind it.

2009-2014 CHALLENGER PROXIMITY type ignitions (Dodge) — ADS-178

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B / PROX (See Note)	Yes	Yes	with FOBIK Software	G-Tan Or SD

Note: Some Challenger models may be equipped with an option called “Keyless Go” that includes a “Push-to-Start” button ignition. For programming the “Button” is removed and a Fobik Ignition is behind it. Use Proximity Match Keyless-Go as final step.

2011-2015 CHARGER (Dodge) — ADS-178

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Fob FCC ID = M3N40821302		PROX GEN 4	Yes	Yes	Yes	G-Tan Or SD

2009-2010 CHARGER (Dodge) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B	Yes	Yes	with FOBIK Software	G-Tan Or SD

CHRYSLER / DODGE / JEEP / PLYMOUTH

2008 CHARGER (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		FOBIK A	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

MID 2006-2007 CHARGER (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 5	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: A few models may use CAN 4. Vehicle also uses a Remote Head key from the factory.

Split Year

EARLY 2006 CHARGER (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 1	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: Overlapping mid-year change for 2006. A few models may use CAN 5. Remote Head key from the factory.

2014-2015 CHEROKEE & CHEROKEE SPORT (JEEP)

NOT SUPPORTED AT THIS TIME (Do not confuse with Grand Cherokee)

1998-2001 CHEROKEE (JEEP) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 1	No	Yes	with AD-38 Tool	**C**-Green Or SD

Note: Need Dealer PIN or use AD-38 tool for 1998-2001 models.

1999-2000 CIRRUS (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 1	Yes	Yes	with AD-38 Tool	**C**-Green Or SD

Note: Need Dealer PIN or use AD-38 tool for 1999-2000 models. Transponder system was optional.

2009-2010 COMMANDER (JEEP) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik A or B	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

Note: SEED-KEY ERROR on a FOBIK system means the wrong system has been selected.

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2008 COMMANDER (JEEP) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		FOBIK A	Yes	Yes	with FOBIK Software	G-Tan Or SD

2007 COMMANDER (JEEP) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 4	Yes	Yes	with ADS-157 Software	G-Tan Or SD

Note: A few models may use the CAN 1 System for this year & a Dealer Remote Head Key.

2006 COMMANDER (JEEP) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 1	Yes	Yes	with ADS-157 Software	G-Tan Or SD

2007-2016 COMPASS (JEEP) — ADS-156

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 3	Yes	Yes	with ADS-157 Software	G-Tan Or SD

1998-2004 CONCORDE (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	Yes	Yes	('01-'04) ADS-157 Software	C-Green Or SD

Note: PIN Read possible on 2001-2004 models only. Use AD-38 tool for 1998-2000 models.

2007-2011 DAKOTA (DODGE) — ADS-156

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 4	Yes	Yes	with ADS-157 Software	G-Tan Or SD

Note: This model may be transponder equipped or not. If the car starts with a metal key it is non-transponder. Program non-transponder remote head keys using CAN 4 and select "Program Remotes".

2005-2006 DAKOTA (DODGE) — ADS-156

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 1	Yes	Yes	with ADS-157 Software	G-Tan Or SD

Note: This model may be transponder equipped or not. If the car starts with a metal key it is non-transponder. Program non-transponder remote head keys using CAN 1 and select "Program Remotes".

2001-2004 DAKOTA (Dodge) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	**C**-Green Or SD

2013-2015 DART PROXIMITY type ignitions (Dodge) — ADS-195

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Fob required		Select by Vehicle	Yes	Yes	NO PIN READ AVAILABLE	**G**-Tan Or SD

2013-2015 DART FOBIK type ignitions (Dodge) — ADS-195

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Select by Vehicle	Yes	Yes	NO PIN READ AVAILABLE	**G**-Tan Or SD

2014-2015 DURANGO (DODGE) — ADS-195

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Fob Required		Select 14 JEEP G. CHERO-KEE	Yes	Yes	NO PIN READ AVAILABLE	**G**-Tan Or SD

2011-2013 DURANGO (Dodge) — ADS-178

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Keyless GO FOBIK FCC ID: IYZ-C01C POD Key 5909874		Fobik B / PROX (See Note)	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

Note: 2011+ Durango models are equipped with an option called “Keyless Go” that includes a “Push-to-Start” button ignition. For programming the “Button” is removed and a Fobik Ignition is behind it. Use Proximity Match Keyless-Go as final step.

2007-2009 DURANGO (Dodge) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 4	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: This vehicle may also use a Dealer Remote Head Key.

2005- mid 2006 DURANGO (Dodge) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 1	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: This vehicle may also use a Dealer Remote Head Key. Transponder system is optional

We have noticed some 2005 Vin Durango’s that like the 2004 model will only accept a Dealer Remote Head Key.

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2004 DURANGO (Dodge) — ADS-156

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM REMOTE KEY ONLY (A non-remote head key can not be used)		CAN 1	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: This vehicle requires a Dealer Remote Head Key only for 2004 models. Transponder system is optional

2001-2003 DURANGO (Dodge) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	**C**-Green Or **SD**

2014-2015 GRAND CHEROKEE (Jeep) — ADS-195

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Fob Required		Select by Vehicle	Yes	Yes	NO PIN READ AVAILABLE	**G**-Tan Or SD

2011-2013 GRAND CHEROKEE (Jeep) — ADS-178

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Keyless GO FOBIK or POD Key 5909874 / HAT3740 Y170-PT		Fobik B / PROX (See Note)	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

Note: 2011+ Grand Cherokee models are equipped with an option called "Keyless Go" that includes a "Push-to-Start" button ignition. For programming the "Button" is removed and a Fobik Ignition is behind it. Use Proximity Match Keyless-Go as final step.

2009-2010 GRAND CHEROKEE (Jeep) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		FOBIK A or B	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

Note: A Emergency "POD" key may be substituted for the FOBIK remote.

2008 GRAND CHEROKEE (Jeep) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		FOBIK A	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

Note: A Emergency "POD" key may be substituted for the FOBIK remote.

2007 GRAND CHEROKEE (Jeep) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 4	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: This vehicle also use's a Dealer Remote Head Key.

2005-2006 GRAND CHEROKEE (JEEP) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 1	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: This vehicle also use's a Dealer Remote Head Key.

1999-2004 GRAND CHEROKEE (JEEP) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	('01-'04) ADS-157 Software	**C**-Green Or SD

Note: PIN Read possible on 2001-2004 models only. Use AD-38 tool for 1999-2000 models.

1998-2004 INTREPID (DODGE) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	('01-'04) ADS-157 Software	**C**-Green Or SD

Note: PIN Read possible on 2001-2004 models only. Use AD-38 tool for 1998-2000 models.

2011-2016 JOURNEY (DODGE) — ADS-178

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Fob FCC ID = M3N40821302		PROX GEN 4	Yes	Yes	Yes	**G**-Tan Or SD

2009-2010 JOURNEY (DODGE) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

Note: Base models with no option packages do not come with Remotes - only POD keys from the factory.

1999-2001 LHS (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	Yes	Yes	(2001) ADS-157 Software	**C**-Green Or SD

Note: PIN Read possible on 2001 model only. Use AD-38 tool for 1999-2000 models.

2008-2013 LIBERTY (JEEP) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 3	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

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2005-2007 LIBERTY (JEEP) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	PACIFICA	No	Yes	NO PIN READ AVAILABLE	**C**-Green Or SD

Note: Need Dealer PIN. No PIN Read. This van may also use a Remote Head Key.

2002-2004 LIBERTY (JEEP) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	**C**-Green Or SD

Note: Transponder system was optional.

2008 MAGNUM (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		FOBIK A	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

Split Year

MID 2006-2007 MAGNUM (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 5	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: A few models may use CAN 4. Vehicle also uses a Remote Head key from the factory.

2005 TO EARLY 2006 MAGNUM (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 1	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: Overlapping mid-year change for 2006. A few models may use CAN 5. Remote Head key from the factory.

2000-2005 NEON (DODGE) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	('01-'05) ADS-157 Software	**C**-Green Or SD

Note: PIN Read possible on 2001-2005 models only. Use AD-38 tool for 2000 model. Transponder optional.

2007-2012 NITRO (DODGE) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 3	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

2004-2008 PACIFICA (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	PACIFICA	No	Yes	NO PIN READ AVAILABLE	**C**-Green Or SD

Note: Need Dealer PIN. No PIN Read. This van may also use a Remote Head Key.

2007-2015 PATRIOT (JEEP) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 3	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: This vehicle also use's a Dealer Remote Head Key.

2006-2010 PT CRUISER (CHRYSLER) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 2	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: This vehicle also use's a Dealer Remote Head Key.

2001-2005 PT CRUISER (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	**C**-Green Or SD

Note: Transponder system was optional.

2013-2016 RAM PICK UP PROXIMITY TYPE IGNITIONS (DODGE) — ADS-195

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Fob required		Select by Vehicle	Yes	Yes	NO PIN READ AVAILABLE	**G**-Tan Or SD

Note: Need Dealer PIN. No PIN Read.

2013-2016 RAM PICK UP FOBIK TYPE IGNITIONS (DODGE) — ADS-195

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Select by Vehicle	Yes	Yes	NO PIN READ AVAILABLE	**G**-Tan Or SD

2009-2012 RAM 1500 PICK UP (DODGE) FOBIK WITH POWER WINDOWS & LOCKS — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B	Yes	Yes	with FOBIK Software	**G**-Tan Or SD

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2009-2011 RAM 1500 PICK UP (Dodge) No Power Locks or Windows — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
POD Key 5909874 / HAT3740 Y170-PT		CAN 2	Yes	Yes	with ADS-157 Software	G-Tan Or SD

Note: We have a seen a few of these models with Fobik B type systems.

2006-2008 RAM 1500 PICK UP (Dodge) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 2	Yes	Yes	with ADS-157 Software	G-Tan Or SD

Note: We have a seen a few of these models with Fobik B type systems.

2002-2005 RAM 1500 PICK UP (Dodge) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	C-Green Or SD

Note: Transponder system was optional.

2011-2012 RAM 2500/3500 PICK UP (Dodge) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B	Yes	Yes	Yes	G-Tan Or SD

2009-2010 RAM 2500/3500 PICK UP (Dodge) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 2	Yes	Yes	with ADS-157 Software	G-Tan Or SD

2001-2006 SEBRING 2 DR HardTop (Chrysler) — ADS-113

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692353	Y165PT	Sebring 2Dr Htp	Yes	No	Not Needed	G-Tan Or SD

Note: This vehicle can also be programmed as a Mitsubishi Eclipse.

2007-2010 SEBRING 4-DR HardTop (Chrysler) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 2	Yes	Yes	with ADS-157 Software	G-Tan Or SD

2001-2006 SEBRING 4-DR HARDTOP (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	Yes	Yes	with ADS-157 Software	**C**-Green Or SD

Note: Transponder system was optional.

2007-2010 SEBRING CONVERTIBLE (CHRYSLER) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 2	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: This vehicle also use's a Dealer Remote Head Key.

2001-2006 SEBRING CONVERTIBLE (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	**C**-Green Or SD

Note: Transponder system was optional.

1998-2000 SEBRING CONVERTIBLE (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 1	No	Yes	with AD-38 Tool	**C**-Green Or SD

Note: Need Dealer PIN or use AD-38 tool for 1998-2000 models. Transponder system was optional.

2003-2006 SPRINTER (DODGE) — ADS-137

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Bianchi: BYS15TK1 or Dealer Key Required	Select by Vehicle	Yes	A code conversion is required from the dealer while you are plugged into the vehicle, to program keys.	**D** Blue

Note: If using anfermarket non-remote key - make sure it is pre-cloned first or it will not work.

2001-2005 STRATUS 2 DR HARDTOP (DODGE) — ADS-113

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692353	Y165PT	Sebring 2Dr Htp	Yes	No	Not Needed	**G**-Tan Or SD

Note: This vehicle can also be programmed as a Mitsubishi Eclipse.

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2001-2006 STRATUS 4-DR HARDTOP (DODGE) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	**C**-Green Or SD

Note: Transponder system was optional.

1999-2000 STRATUS 4-DR HARDTOP (DODGE) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 1	No	Yes	with AD-38 Tool	**C**-Green Or SD

Note: Need Dealer PIN or use AD-38 tool for 1999-2000 models. Transponder system was optional.

2011-2015 TOWN & COUNTRY LIMITED WITH OPTIONAL PROXIMITY — ADS-178

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B / PROX (See Note)	Yes	Yes	Yes	**G**-Tan Or SD

Note: 2011+ Town & Country "LIMITED" models may be equipped with an option called "Keyless Go" that includes a "Push-to-Start" button ignition. For programming the "Button" is removed and a Fobik Ignition is behind it. Use Proximity Match Keyless-Go as final step.

2011-2015 TOWN & COUNTRY (CHRYSLER) — ADS-173

STRATTEC / HATA	ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		Fobik B	Yes	Yes	Yes	**G**-Tan Or SD

2009-2010 TOWN & COUNTRY (CHRYSLER) — ADS-173

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		FOBIK A or B	Yes	Yes	Yes	**G**-Tan Or SD

Note: SEED-KEY ERROR on a FOBIK system means the wrong system has been selected.

2008 TOWN & COUNTRY (CHRYSLER) — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM FOBIK or use POD Key 5909874 / HAT3740 / Y170-PT		FOBIK Original	Yes	Yes	Yes	**G**-Tan Or SD

2004-2007 TOWN & COUNTRY (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	PACIFICA	No	Yes	No	**C**-Green Or SD

Note: Need Dealer PIN. No PIN Read Available. This van may also use a Remote Head Key.

2001-2003 TOWN & COUNTRY (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	**C**-Green Or SD

Note: Transponder system was optional.

2001-2003 VOYAGER (CHRYSLER) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	**C**-Green Or SD

Note: Transponder system was optional.

2007-2016 WRANGLER (JEEP) RUBICON / SAHARA / UNLIMITED — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 3	Yes	Yes	with ADS-157 Software	**G**-Tan Or SD

Note: This vehicle also use's a Dealer Remote Head Key.

2001-2006 WRANGLER (JEEP) RUBICON / SAHARA / UNLIMITED — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 2	No	Yes	with ADS-157 Software	**C**-Green Or SD

Note: Transponder system was optional.

1998-2000 WRANGLER (JEEP) — ADS-113

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692325 Y160HPT	Y160-PT	Type 1	No	Yes	with AD-38 Tool	**C**-Green Or SD

Note: Need Dealer PIN or use AD-38 tool. Transponder system was optional.

FOR BEST RESULTS WITH SKIM / PIN CODE READING ON ALL APPLICABLE VEHICLES
USE BETA 11.99 OR HIGHER

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2012-2013 500				ADS-181	
DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key Required Ordered by VIN	Select by Vehicle	Yes	YES (5-Digit)	NO	**J**-Purple Or **SD**
Note: Remote programs in along with transponder.					
WARNING: All keys lost on some 2dr. models requires BCM replacement. This will require dealer tool.					

2003-2006 AVIATOR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2002 BLACKWOOD (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	HEC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2013-2014 C-MAX (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-209

PROX	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
OEM 164-R7995 STRATTEC 5923790 HATA-3790	Select by Vehicle	Yes	No	NO	Change between steps
These vehicles require a 2 step procedure- MVP will need 2 tokens, 1 for Transponder, 1 for Prox Add & or Erase functions are available, 2 Proximity remotes are required if using erase.					
STEP #1	Transponder Functions		NO	Requires 10min	**G**-Tan Or SD
STEP #2	Proximity Functions		NO	Requires 10min	**L**-Pink Or SD
VERY IMPORTANT: Please consult new section of users manual online at MvpTcodesupport.Com for proper procedures.					

2013-2014 C-MAX ENERGI (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-209

PROX	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
OEM 164-R7995 STRATTEC 5923790 HATA-3790	Select by Vehicle	Yes	No	NO	Change between steps
These vehicles require a 2 step procedure- MVP will need 2 tokens, 1 for Transponder, 1 for Prox Add & or Erase functions are available, 2 Proximity remotes are required if using erase.					
STEP #1	Proximity Functions		NO	Requires 10min	**L**-Pink Or SD
STEP #2	Transponder Functions		NO	Requires 10min	**G**-Tan Or SD
Perform the L dongle procedure first on C-MAX					

2013-2014 C-MAX (FORD) WITH KEY TYPE IGNITION — ADS-209

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5915237 HAT237	H94-PT	Select by Vehicle	Yes	No	NO	**G**-Tan Or SD

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1998-2002 CONTINENTAL (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	VIC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1999-2000 CONTOUR (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
692055 H73PT	H73-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Transponder optional. Most Contour's with V-6 Engine's have it. Overlapping immobilizer types.

Split Year

1997-1998 CONTOUR (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
692055 H73PT	H73-PT	PATS 1	Yes	No	8 MIN Wait	**A**-Black Or SD

Note: Production Date of 02/02/98 & up models use PCM system. Transponder optional.

1999-2002 COUGAR (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
692055 H73PT	H73-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2005-2011 CROWN VICTORIA (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Some 2011 Crown Vic's were made. Most were Police Cruisers and do not have a Transponder System.

2003-2004 CROWN VICTORIA (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1998-2002 CROWN VICTORIA (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2010-2013 E SERIES VAN (FORD) ECONOLINE — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

Note: Transponder system was optional.

2008-2009 E SERIES VAN (FORD) ECONOLINE — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

Note: Transponder system was optional.

2015-2016 EDGE (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-209 — VER. 11.41>

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM PROX REMOTE		Select 13> FUSION	Yes	SEE BELOW	NO	**G**-Tan Or SD

Note: Erase Only (2 Keys Required)
Requires Web Access, a Advanced-Diagnostics.Com login and a valid N.A.S.T.F. -LS ID.
AD Q/R Reader App for Smart Phones is highly recommended. See www.adusa.us for more info & instructions

2011-2014 EDGE (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-175

STRATTEC	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5921285 - 4-Btn Prox 5921286 - 5-Btn Prox 5912345 - Emerg Key	Select by Vehicle	Yes	No	10 MIN Wait	**L**-Pink Or SD

Note: Dealer Prox Remote Fobs are available from Strattec.

2011-2014 EDGE (FORD) WITH KEY TYPE IGNITION — ADS-175

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5913441 (80-Bit) HAT997	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2010 EDGE (FORD) — ADS- 172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2007-2009 EDGE (FORD) — ADS- 100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5 *	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

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2013-2015 ESCAPE (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-209

PROX	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
OEM 164-R8048 STRATTEC 5919918 HATA-9918	Select by Vehicle	Yes	No	NO	Change between steps
These vehicles require a 2 step procedure- MVP will need 2 tokens, 1 for Transponder, 1 for Prox Add & or Erase functions are available, 2 Proximity remotes are required if using erase.					
STEP #1	Transponder Functions		NO	Requires 10min	**G**-Tan Or SD
STEP #2	Proximity Functions		NO	Requires 10min	**L**-Pink Or SD
VERY IMPORTANT: Please consult new section of users manual online at MvpTcodesupport.Com for proper procedures.					

2014-2016 ESCAPE (FORD) WITH KEY TYPE IGNITION — ADS-209

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5915237 HAT237	H94-PT	Select by Vehicle	Yes	No	NO	**G**-Tan Or SD

2013 ESCAPE (FORD) WITH KEY TYPE IGNITION — ADS-175

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5915237 HAT237	H94-PT	Select by Vehicle	Yes	No	10 MIN Wait	**G**-Tan Or SD

2009-2012 ESCAPE (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	10 MIN Wait	**A**-Black Or SD

2008-2012 ESCAPE *HYBRID* (FORD) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2008 ESCAPE (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5 *	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD
*Select PATS 5 if using Bypass						

2005-2007 ESCAPE (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2001-2004 ESCAPE (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
691643 H86HPT	H86-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2000-2005 EXCURSION (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2015-2016 EXPEDITION (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-175

STRATTEC / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM PROX REMOTE	Select 2013 Explorer Prox	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2015-2016 EXPEDITION (FORD) WITH KEY TYPE IGNITION — ADS-175

STRATTEC / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5913341 , 5912512 5912560 / HAT997	Select 2013 Taurus Keyed	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: We have found that on these cars ADD-KEY does not work, only use ERASE KEYS.

2012-2014 EXPEDITION (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: We have found that on these cars ADD-KEY does not work, only use ERASE KEYS.

2009-2011 EXPEDITION (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	10 MIN Wait	**A**-Black Or SD

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2007-2008 EXPEDITION (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5 *	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2005-2006 EXPEDITION (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2003-2004 EXPEDITION (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1999-2002 EXPEDITION (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	HEC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1997-1998 EXPEDITION (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 1	Yes	No	8 MIN Wait	**A**-Black Or SD

2011-2016 EXPLORER (FORD) WITH KEY TYPE IGNITION — ADS-175

STRATTEC / HATA /	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5913341 , 5912512 5912560 / HAT997	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

Note: We have found that on these cars ADD-KEY does not work, only use ERASE KEYS.

2011-2016 EXPLORER (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-175

STRATTEC	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5921285 - 4-Btn Prox 5921286 - 5-Btn Prox 5912345 - Emerg Key	Select by Vehicle	Yes	No	10 MIN Wait	**L**-Pink Or SD

2010 EXPLORER (FORD) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

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2006-2009 EXPLORER (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2004-2005 EXPLORER (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2001-2003 EXPLORER (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

IMPORTANT: Model Year 2001 is split year - Overlapping immobilizer types & keys. Use the production date.
Usually up to 07/2000 production date is PATS 2. After 07/2000 is PCM. (SEE BELOW)

READ THIS BEFORE CUTTING ANY KEYS!

Look at the existing original keys to the vehicle.
If the original key is an H84 key, the system to use is PCM.
If the original key is an H-72 key then the system is PATS 2.

IF NO KEY IS AVAILABLE WE SUGGEST DOING THIS:

Have at least 2 of each H72 and H84 Key Blanks ready but DO NOT CUT THEM YET.

A. Cut and use **only a metal non transponder work key**.
B. Using the PROD DATE (see above) use the system you "think it should be" based on the PROD DATE.
C. **Before doing any programming look at "KEYS PROGRAMMED" on the special functions menu.** (should show at least 2 keys)
D. **Use "CLEAR ERASE PATS"** and then look at the "KEYS PROGRAMMED" info again to see if the keys have been erased. (should now show 0 KEYS PROGRAMMED). If keys have not erased use the other system. IE PATS 2 or PCM.
E. **When you have determined which system will ERASE the keys you then will know which type of keys to cut. Now cut and cycle them in to program.**
F. If PATS 2 system then simply cut and cycle 2 H72 Keys. If PCM system cut and cycle 2 H84 keys.

Split Year

1998-2001 EXPLORER (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Model Year 2001 is split year - Overlapping immobilizer types & keys. Use the production date.
Usually up to 07/2000 production date is PATS 2. After 07/2000 is PCM. (SEE ABOVE)

2010 EXPLORER SPORT TRAC (FORD) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

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2006-2009 EXPLORER SPORT TRAC (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2001-2005 EXPLORER SPORT TRAC (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

IMPORTANT: Model Year 2001 is split year - Overlapping immobilizer types & keys. Use the production date.
Usually up to 07/2000 production date is PATS 2. After 07/2000 is PCM. (SEE BELOW)

Split Year

READ THIS BEFORE CUTTING ANY KEYS!

Look at the existing original keys to the vehicle.
If the original key is an H84 key, the system to use is PCM.
If the original key is an H-72 key then the system is PATS 2.

IF NO KEY IS AVAILABLE WE SUGGEST DOING THIS:

Have at least 2 of each H72 and H84 Key Blanks ready but DO NOT CUT THEM YET.

A. Cut and use **only a metal non transponder work key**.
B. Using the PROD DATE (see above) use the system you "think it should be" based on the PROD DATE.
C. **Before doing any programming look at "KEYS PROGRAMMED" on the special functions menu.** (should show at least 2 keys)
D. **Use "CLEAR ERASE PATS"** and then look at the "KEYS PROGRAMMED" info again to see if the keys have been erased. (should now show 0 KEYS PROGRAMMED). If keys have not erased use the other system. IE PATS 2 or PCM.
E. **When you have determined which system will ERASE the keys you then will know which type of keys to cut. Now cut and cycle them in to program.**
F. If PATS 2 system then simply cut and cycle 2 H72 Keys. If PCM system cut and cycle 2 H84 keys.

EARLY 2001 EXPLORER SPORT TRAC (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Model Year 2001 is split year - Overlapping immobilizer types & keys. Use the production date.
Usually up to 07/2000 production date is PATS 2. After 07/2000 is PCM.

2015 F150 (FORD) WITH KEYED IGNITION OR PROXIMITY START BUTTON IGNITION — ADS-209 — VER. 11.41>

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM KEY OR PROX REMOTE		FUSION 2013-14	Yes	SEE BELOW	NO	**G**-Tan Or SD

Note: Erase Only (2 Keys Required)
Requires Web Access, a Advanced-Diagnostics.Com login and a valid N.A.S.T.F. -LS ID.
AD Q/R Reader App for Smart Phones is highly recommended. See www.adusa.us for more info & instructions

2011-2014 F150 (Ford) — ADS-175

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5913441 (80-Bit) HAT997	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

Note: ON-BOARD PROGRAMMING A SEPARATE REMOTE IS NEEDED IF FACTORY ALARM IS ACTIVATED

2009-2010 F150 (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2004-2008 F150 (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2004 F150 HERITAGE (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	HEC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2001-2003 F150 (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	HEC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1999-2000 F150 / F250 (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	HEC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2011-2015 F250 / F350 / F450 / F550 Super Duty (Ford) — ADS-175

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5913441 (80-Bit) HAT997	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

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2010 F250 / F350 / F450 / F550 Super Duty (Ford) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

Note: Transponder system was optional.

2009 F250 / F350 / F450 Super Duty (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Optional Transponder System - Not found on Fleet models - Models without chip still have Security Light in dash. If transponder equipped - it may program under PATS 4 or PATS 5.

2008 F250 / F350 / F450 Super Duty (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Optional Transponder System - Not found on Fleet models - Models without chip still have Security Light in dash. If transponder equipped - *Select PATS 5 if using Bypass

2014-2015 FIESTA (Ford) with Proximity START Button Ignition — ADS-209

PROX	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
OEM 164-R8048 STRATTEC 5919918 HATA-9918	Select by Vehicle	Yes	No	NO	**L**-Pink Or SD

14 Fiesta Prox is a 1 step procedure- MVP will need just 1 token for both the Transponder & the Prox.
Add & or Erase functions are available, 2 Proximity remotes are required if using erase.

VERY IMPORTANT: Please consult new section of users manual online at MvpTcodesupport.Com for proper procedures.

2011-2013 FIESTA (Ford) with Proximity START Button Ignition — ADS-175

PROX	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
OEM 164-R8048 STRATTEC 5919918 HATA-9918	Select by Vehicle	Yes	No	Yes with SMC & ADS133	**L**-Pink Or SD

Note: This vehicle requires SmartCard Calculator (SMC) Enabled, but is not used.

2014-2016 FIESTA (Ford) with KEY Type Ignition — ADS-209

STRATTEC / HATA /	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5915237 HAT237	H94-PT	Select by Vehicle	Yes	No	NO	**G**-Tan Or SD

2011-2013 FIESTA (FORD) WITH KEY TYPE IGNITION — ADS-175

STRATTEC /	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5915237 - Non Rmt Master 5913139 - Remote Section 5912976 - Key Section	Select by Vehicle	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: This vehicle also use's a Dealer Remote Head Key. High Security 2-Track keyway.
This vehicle also requires SmartCard Calculator (SMC) Enabled, but is not used.

2005-2007 FIVE HUNDRED (500) (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2013-2014 FLEX (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS- 175

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5921285 - 4-Btn Prox 5921286 - 5-Btn Prox 5912345 - Emerg Key	Select by Vehicle	Yes	No	10 MIN Wait	**L**-Pink Or SD

2013-2014 FLEX (FORD) WITH KEY TYPE IGNITION — ADS- 175

STRATTEC / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5913441 or 5918897 (80-Bit) HAT997	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2010-2012 FLEX (FORD) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2009 FLEX (FORD) — ADS- 100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

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2014-2015 FOCUS (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-209

PROX	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
OEM 164-R7995 STRATTEC 5923790 HATA-3790	Select by Vehicle	Yes	No	NO	Change between steps
These vehicles require a 2 step procedure- MVP will need 2 tokens, 1 for Transponder, 1 for Prox Add & or Erase functions are available, 2 Proximity remotes are required if using erase.					
STEP #1	Transponder Functions	NO	Requires 10min		**G**-Tan Or SD
STEP #2	Proximity Functions	NO	Requires 10min		**L**-Pink Or SD
VERY IMPORTANT: Please consult new section of users manual online at MvpTcodesupport.Com for proper procedures.					

2012-2013 FOCUS (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-209

PROX		SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
OEM 164-R8048 STRATTEC 5919918 HATA-9918		Select by Vehicle	Yes	No	NO	Change between steps
These vehicles require a 2 step procedure- MVP will need 2 tokens, 1 for Transponder, 1 for Prox Add & or Erase functions are available, 2 Proximity remotes are required if using erase.						
STEP #1		Transponder Functions	NO	Requires 10min		**G**-Tan Or SD
STEP #2		Proximity Functions	NO	Requires 10min		**L**-Pink Or SD
VERY IMPORTANT: Please consult new section of users manual online at MvpTcodesupport.Com for proper procedures.						

2014-2015 FOCUS (FORD) WITH KEY TYPE IGNITION — ADS-209

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
5915237 HAT237	H94-PT	Select by Vehicle	Yes	No	NO	**G**-Tan Or SD

2012-2013 FOCUS (FORD) WITH KEY TYPE IGNITION — ADS-175

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5915237 HAT237	H94-PT	Select by Vehicle	Yes	No	10 MIN Wait	**G**-Tan Or SD

2008-2011 FOCUS (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	10 MIN Wait	**A**-Black Or SD

2006-2007 FOCUS (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2005 FOCUS (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
691643 H86HPT	H86-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2003-2004 FOCUS (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
691643 H86HPT	H86-PT	See Notes	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: PCM system for 2.0 litre Engines (Non PZEV)
Note: PATS 3 system for 2.3 litre Engines (PZEV)

2000-2002 FOCUS (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
691643 H86HPT	H86-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2004-2007 FREESTAR (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	2004-05 PCM ---------- 2006-07 PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2005-2007 FREESTYLE (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	2004-05 PCM ---------- 2006-07 PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2013-2015 FUSION (LINCOLN) WITH KEY TYPE IGNITION — ADS-209

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM REMOTE HEAD KEY		Select by Vehicle	Yes	SEE BELOW	NO	**G**-Tan Or SD

Note: Erase Only (2 Keys Required)
Requires Web Access, a Advanced-Diagnostics.Com login and a valid N.A.S.T.F. -LS ID.
AD Q/R Reader App for Smart Phones is highly recommended. See www.adusa.us for more info & instructions

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2013-2015 FUSION (Lincoln) with Proximity START Button Ignition — ADS-209 — Ver. 11.41>

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM PROX REMOTE		Select by Vehicle	Yes	SEE BELOW	NO	**G**-Tan Or SD

Note: Erase Only (2 Keys Required)
Requires Web Access, a Advanced-Diagnostics.Com login and a valid N.A.S.T.F. -LS ID.
AD Q/R Reader App for Smart Phones is highly recommended. See www.adusa.us for more info & instructions

2010-2012 FUSION (Ford) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2010-2012 FUSION *HYBRID* (Ford) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2006-2009 FUSION (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2005-2011 GRAND MARQUIS (Mercury) — ADS- 100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2003-2004 GRAND MARQUIS (Mercury) — ADS- 100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1998-2002 GRAND MARQUIS (Mercury) — ADS- 100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Ford - Lincoln - Mercury

2005-2006 FORD GT (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2003-2006 LS (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	ICM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2000-2002 LS (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
691643 H86HPT	H74-PT	ICM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2003-2004 MARAUDER (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2009-2011 MARINER (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2008 MARINER (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2005-2007 MARINER (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

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2008-2008 MARK LT (Lincoln) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2006-2007 MARK LT (Lincoln) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1997-1998 MARK VIII (8) (Lincoln) — ADS-100

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
691641	N/A	SCIL	Yes	No	8 MIN Wait	**A**-Black Or SD

Note: See 'Special Note' about programming the MARK VIII - in Manual. You must use the Strattec 691641 - there is no substitute.

2010-2011 MILAN (Mercury) Hybrid — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select FORD FUSION 2010 HYBRID	Yes	No	10 MIN Wait	**A**-Black Or SD

2010-2011 MILAN (Mercury) W/ Gasoline Engine — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2006-2009 MILAN (Mercury) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	10 MIN Wait	**A**-Black Or SD

*Select PATS 5 if using Bypass

2015 MKC (Lincoln) with Proximity START Button Ignition — ADS-209

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM PROX REMOTE		Select 14-15 FUSION	Yes	SEE BELOW	NO	**G**-Tan Or **SD**

Note: Requires Web Access, including a Advanced-Diagnostics.com login & a valid N.A.S.T.F. -LS ID. Advanced Diagnostics Q/R Reader app recommended. See www.adusa.us for more info & instructions

2010-2013 MKS (Lincoln) with Proximity START Button Ignition — ADS-172

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7012479 - *Prox & Key* 5912477 - *Prox* 5911175 - *Key*	Select by Vehicle	Yes	No	10 MIN Wait	**L**-Pink Or SD

2009 MKS (Lincoln) with KEY Type Ignition — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5913441 (80-Bit) HAT997	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2010-2012 MKT (Lincoln) with Proximity START Button Ignition — ADS-172

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7012479 - *Prox & Key* 5912477 - *Prox* 5911175 - *Key*	Select by Vehicle	Yes	No	10 MIN Wait	**L**-Pink Or SD

Note: All MKT are Prox.

2011-2014 MKX (Lincoln) with Proximity START Button Ignition — ADS-172

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5921288 - Prox Remote 5912345 - Emerg Key	Select by Vehicle	Yes	No	10 MIN Wait	**L**-Pink Or SD

2007-2010 MKX (Lincoln) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2013-2015 MKZ (Lincoln) with Proximity START Button Ignition — ADS-209

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM PROX REMOTE		Select by Vehicle	Yes	SEE BELOW	NO	**G**-Tan Or SD

Note: Requires Web Access, including a Advanced-Diagnostics.com login & a valid N.A.S.T.F. -LS ID. Advanced Diagnostics Q/R Reader app recommended. See www.adusa.us for more info & instructions

2010-2012 MKZ (Lincoln) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

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2007-2009 MKZ (Lincoln) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2005-2007 MONTEGO (Mercury) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	2005-06 PATS 3 ---------- 2007 PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*2007-Select PATS 5 if using Bypass

2004-2007 MONTEREY (Mercury) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	2004-05 PCM ---------- 2006-2007 PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2010-2010 MOUNTAINEER (Mercury) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2004-2009 MOUNTAINEER (Mercury) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	2004-05 PATS 3 ---------- 2006-09 PATS 4	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*2006-2009-Select PATS 5 if using Bypass

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2001-2003 MOUNTAINEER (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

IMPORTANT: Model Year 2001 is split year - Overlapping immobilizer types & keys. Use the production date. Usually up to 07/2000 production date is PATS 2. After 07/2000 is PCM. (SEE BELOW)

READ THIS BEFORE CUTTING ANY KEYS!

Look at the existing original keys to the vehicle.
If the original key is an H84 key, the system to use is PCM.
If the original key is an H-72 key then the system is PATS 2.

IF NO KEY IS AVAILABLE WE SUGGEST DOING THIS:

A. Cut and use **only a metal non transponder work key**.
B. Using the PROD DATE (see not above) use the system you "think it should be" based on the PROD DATE.
C. **Before doing any programming look at "KEYS PROGRAMMED" on the special functions menu.** (should show at least 2 keys)
D. **Use "CLEAR ERASE PATS"** and then look at the "KEYS PROGRAMMED" info again to see if the keys have been erased. (should now show 0 KEYS PROGRAMMED).
E. **When you have determined which system will ERASE the keys you then will know which type of keys to cut.**
F. If PATS 2 then cut and cycle 2 H72 Keys. If PCM cut and cycle 2 H84 keys.

Split Year

1998-2001 MOUNTAINEER (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Model Year 2001 is split year - Overlapping immobilizer types & keys. Use the production date. Usually up to 07/2000 production date is PATS 2. After 07/2000 is PCM.

2015 MUSTANG (FORD) WITH PROXIMITY START BUTTON IGNITION — ADS-209 — VER. 11.41>

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM KEY OR PROX REMOTE		FUSION 2013-14	Yes	SEE BELOW	NO	**G**-Tan Or SD

Note: Erase Only (2 Keys Required)
Requires Web Access, a Advanced-Diagnostics.Com login and a valid N.A.S.T.F. -LS ID.
AD Q/R Reader App for Smart Phones is highly recommended. See www.adusa.us for more info & instructions

2010-2014 MUSTANG (FORD) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5913441 599114 HAT997	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

Note: Keys supplied from the factory are "HA" or "SA" (80-bit).

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2005-2009 MUSTANG (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1999-2004 MUSTANG (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	HEC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1998 MUSTANG (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Split Year

1996-1997 MUSTANG (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
598333 H72HPT	H72-PT	PATS 1	Yes	No	8 MIN Wait	**A**-Black Or SD

Note: 1996 is split year - It could use either type of transponder keyway. (8-cut or 10-cut) Optional System.

1996 MUSTANG (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692055 H73PT	H73-PT	PATS 1	Yes	No	8 MIN Wait	**A**-Black Or SD

Note: 1996 is split year - It could use either type of transponder keyway. (8-cut or 10-cut) Optional System.

Split Year

1999-2000 MYSTIQUE (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
692055 H73PT	H73-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Transponder optional. Most Contour's with V-6 Engine's have it. Overlapping immobilizer types.

1997-1998 MYSTIQUE (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
692055 H73PT	H73-PT	PATS 1	Yes	No	8 MIN Wait	**A**-Black Or SD

Note: Production Date of 02/02/98 & up models use PCM system. Transponder optional.

2015 NAVIGATOR (LINCOLN) WITH PROXIMITY START BUTTON IGNITION — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
OEM PROX REMOTE		Select 2013 Explorer PROX	Yes	No	NO	**L**-Pink Or SD

2012-2014 NAVIGATOR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: We have found that on these cars ADD-KEY does not work, only use ERASE KEYS.

2009-2011 NAVIGATOR (LINCOLN) — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2007-2008 NAVIGATOR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 *5	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2005-2006 NAVIGATOR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2003-2004 NAVIGATOR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1999-2002 NAVIGATOR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	HEC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1998 NAVIGATOR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 1	Yes	No	8 MIN Wait	**A**-Black Or SD

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2007-2011 RANGER (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2001-2006 RANGER (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note 1: Transponder system is optional. Some models came with 599114 but are not transponder equipped.
Note 2: Most 2005 models do not have a Transponder system.

1999-2000 RANGER (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Transponder system is optional.

2008-2009 SABLE (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2004-2007 SABLE (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2000-2003 SABLE (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1998-1999 SABLE (MERCURY) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Transponder system is optional.

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1996-1997 SABLE (Mercury) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
598333 H72HPT	H72-PT	PATS 1	Yes	No	8 MIN Wait	**A**-Black Or SD

Note: Transponder system is optional.

2013-2015 TAURUS (Ford) with Proximity START Button Ignition — ADS-172

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Prox- 5921285 (4BTN) 5921286 (5BTN) *5912345 - Key*	Select by Vehicle	Yes	No	10 MIN Wait	**L**-Pink Or SD

2010-2012 TAURUS (Ford) with Proximity START Button Ignition — ADS-172

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5914119 - *Prox & Key* 5914118 - *Prox* 5911175 - *Key*	Select by Vehicle	Yes	No	10 MIN Wait	**L**-Pink Or SD

2013-2014 TAURUS (Ford) with KEY Type Ignition — ADS-175

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5913441 (80-Bit) HAT997	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2010-2012 TAURUS (Ford) with KEY Type Ignition — ADS-172

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
599114 HAT9114	H92-PT	Select by Vehicle	Yes	No	10 MIN Wait	**A**-Black Or SD

2008-2009 TAURUS (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5 *	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

2008-2009 TAURUS X (Ford) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 5	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

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2004-2007 TAURUS (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2000-2003 TAURUS (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1998-1999 TAURUS (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	PATS 2	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Transponder system is optional.

1996-1997 TAURUS (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
598333 H72HPT	H72-PT	PATS 1	Yes	No	8 MIN Wait	**A**-Black Or SD

Note: Transponder system is optional.

2003-2005 THUNDERBIRD (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	ICM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2002 THUNDERBIRD (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
691643 H86HPT	H74-PT	HEC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2005-2011 TOWN CAR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 3	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

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2003-2004 TOWN CAR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1998-2002 TOWN CAR (LINCOLN) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	HEC	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2014-2016 TRANSIT CONNECT (FORD) — ADS-209

		SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key		Select by Vehicle (BETA)	Yes	No	10 MIN Wait	**G**-Tan Or SD

Note: Transponder system is optional.
Look for transponder "Ring" around ignition lock.

2010-2013 TRANSIT CONNECT (FORD) — ADS-172

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5914577	H91-PT	Select by Vehicle	Yes	No	10 MIN Wait	**G**-Tan Or SD

Note: Transponder system is optional. XLT models with power locks and power windows are usually equipped. Look for transponder "Ring" around ignition lock. High Security TIBBE keyway.

2001-2003 WINDSTAR (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PCM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

1999-2000 WINDSTAR (FORD) — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	ICM	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

2006 ZEPHYR (LINCOLN) — ADS- 100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	PATS 4 / 5*	Yes	No	Yes with SMC & ADS133	**A**-Black Or SD

*Select PATS 5 if using Bypass

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2007-2016 ACADIA (GMC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
B111-PT B107CP	Select by Vehicle Type 4	Yes	No	Not Needed	**K**-Brown Or SD

2008 ASTRA (Saturn) — ADS-139

OEM	HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key GM Part# 93192428	HAT2428	Select by Vehicle	Yes	Yes	Dealer Pin Required	**A**-Black Or SD

Note: PIN Read possible using (E) Yellow, 50/50, otherwise obtain from dealer or NASTF.

2013-2015 ATS With PROX (Cadillac) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	**K**-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2007-2009 AURA (Saturn) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693127⊕ B111-PT B107CP	Select by Vehicle Type 5	Yes	No	Not Needed	**K**-Brown Or SD

2001-2003 AURORA (Oldsmobile) — ADS- 138

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690898 B99HPT	B99-PT	Type 1	Yes	No	Not Needed	**C**-Green Or SD

Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER. Otherwise, communication will fail.

2007-2013 AVALANCHE (Chevy) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2001-2005 AZTEK (Pontiac) — ADS-138

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692954 B99HPT	B99-PT	Type 1	Yes	No	Not Needed	**C**-Green Or SD

Programming Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER. Otherwise, communication will fail.

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2000-2005 BONNEVILLE (Pontiac) — ADS-138

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692954 B99HPT	B99-PT	Type 1	Yes	No	Not Needed	**C**-Green Or SD

Programming Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER. Otherwise, communication will fail.

2013-2015 CAMARO With KEYED IGN. (Chevrolet) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	**K**-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2012 CAMARO (Chevy) — ADS-187

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	**K**-Brown Or SD

2010-2011 CAMARO (Chevy) — ADS-187

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible except on 3.6L V6	**K**-Brown Or SD

2012-2015 CAPTIVA (Chevy) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7011685 ⊕ B114-PT HAT4220	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

1997-2001 CATERA (Cadillac) — ADS-100

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key is Required GM Part# 90541902		Catera	Yes	Yes	Might be possible	**A**-Black Or SD

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2006-2010 COBALT (Chevy) — ADS- 139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2014-2015 CORVETTE STINGRAY With PROX (Buick) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2005-2013 CORVETTE with PROX (Chevy) — ADS-187

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
2005-2007 OEM 10372540,10372542 2008-2012 OEM 25926479 (#1)	Select by Vehicle	Yes	No	Not Needed	C-Green Or SD

2014-2016 CRUZE with PROX (Chevy) — ADS-223

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button PEPS: 5912872 5 Button PEPS: 5912873 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible on Most Gas Engines	K-Brown Or SD

2012-2013 CRUZE with PROX (Chevy) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button PEPS: 5912872 5 Button PEPS: 5912873 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible on Most Gas Engines	K-Brown Or SD

2011-2016 CRUZE With KEYED IGN. (Chevy) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button Rem. Key: 5912543 --- 5 Button Rem. Key: 5912545	Select by Vehicle	Yes	Yes	Possible on most GAS engines. 2014-2016 requires ADS-223	K-Brown Or SD

2014-2015 CTS with PROX (Cadillac) — ADS-223

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

2008-2013 CTS with PROX (Cadillac) — ADS-187

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2008-2013 CTS WITH MECHANICAL IGNITION (CADILLAC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692933 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2003-2007 CTS (CADILLAC) — ADS-139

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5912114 HAT320PK	B112-PT	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2006-2011 DTS (CADILLAC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692933 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2008-2015 ENCLAVE (BUICK) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693126 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2010-2016 EQUINOX (CHEVY) — ADS-187*

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button Rem. Key: 5912543 5 Button Rem. Key: 5912545 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible on Most Gas Engines	K-Brown Or SD

***Note: 2014-2015** Pin reading may require recent Beta update & ADS-223

2007-2009 EQUINOX (CHEVY) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692933⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2015 ESCALADE WITH PROX (CADILLAC) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2007-2014 ESCALADE (CADILLAC) — ADS- 139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692933 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

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2015-2016 EXPRESS VAN (CHEVY) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 5926503 B120-PT Hata: HAT4898	Select by Vehicle 07-14	Yes	No	Not Needed	**K**-Brown Or SD

Programming Note: The only thing that has changed on these from 07-14 is the KEY.

2008-2014 EXPRESS VAN (CHEVY) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2007-2010 G5 (PONTIAC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693121 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2005-2010 G6 (PONTIAC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693121 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2008-2009 G8 (PONTIAC) — ADS-139

OEM / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Head Key HAT2789	Type 4	Yes	No	Not Needed	**K**-Brown Or SD

2004-2008 GRAND PRIX (PONTIAC) — ADS-139

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5902386 HAT367	PT04-PT	Type 3	Yes	No	Not Needed	**C**-Green Or SD

2000-2003 GRAND PRIX (PONTIAC) — ADS-138

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690556	BT03-PT	Type 1	Yes	No	Not Needed	**C**-Green Or SD

Programming Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER. Otherwise, communication will fail.

2004-2006 GTO (Pontiac) — ADS-139

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM Remote head 92123129 OEM Key blade 94860087 OEM Screws 92138596	Select by Vehicle	Yes	Yes	Use PIN READ Function	**D** Blue

2008-2009 H2 (Hummer) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693254 ⊕ B111-PT B107CP	Type 2	Yes	No	Not Needed	**C**-Green Or SD

2006-2011 HHR (Chevy) — ADS- 139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692933 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2014-2015 IMPALA With KEYED IGN. (Chevrolet) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	**K**-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2014-2015 IMPALA With PROX (Chevrolet) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	**K**-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2006-2013 IMPALA (Chevy) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2013-2015 LaCrosse With PROX (Buick) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	**K**-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

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2013-2015 LaCrosse With KEYED IGN. (Buick) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2010-2012 LACROSSE With PROX (Buick) — ADS-187

OEM	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button PEPS: 5912558 5 Button PEPS: 5912559 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible except V4 1.2L	K-Brown Or SD

2010-2012 LACROSSE With KEYED IGN (Buick) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button Rem. Key: 5912555 5 Button Rem. Key: 5912556 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible except V4 1.2L	K-Brown Or SD

2005-2009 LACROSSE (Buick) — ADS-139

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5902386 HAT367	PT04-PT	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2000-2005 LESABRE (Buick) — ADS-138

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692952 B99HPT	B99-PT	Type 1	Yes	No	Not Needed	C-Green Or SD

Programming Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER. Otherwise, communication will fail.

2006-2011 LUCERNE (Buick) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693126 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2013-2016 MALIBU With KEYED IGN. (Chevrolet) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button Rem. Key: 5912543 5 Button Rem. Key: 5912545 Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2013-2015 MALIBU CLASSIC (Chevy) (2012 body style) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2004-2012 MALIBU (Chevy) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2005-2008 MONTANA SV6 (Pontiac) — ADS-139

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690552 B97-PT	B97-PT	Type 3	Yes	No	Not Needed	**K**-Brown Or SD

Note: Check model for keyway used.

Split Year

2005-2008 MONTANA SV6 (Pontiac) — ADS-139

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5902386 HAT367	PT04-PT	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

Note: Check model for keyway used.

1999-2004 MONTANA (Pontiac) — ADS-138

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690552 B97-PT	B97-PT	Type 1	Yes	No	Not Needed	**C**-Green Or SD

Programming Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER. Otherwise, communication will fail.

2006-2007 MONTE CARLO (Chevy) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2007-2009 OUTLOOK (Saturn) — ADS- 139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693127 ⊕ B111-PT / B107CP	Select by Vehicle Type 4	Yes	No	Not Needed	**K**-Brown Or SD

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1997-2005 PARK AVE (Buick) — ADS-138

STRATTEC/ HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690552 B97-PT	B97-PT	Type 1	Yes	No	Not Needed	C-Green Or SD

Programming Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER. Otherwise, communication will fail.

2013-2015 REGAL With PROX (Buick) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

Engine Type (8th Digit of Vin)

2013-2015 REGAL With KEYED IGN. (Buick) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2011-2012 REGAL with PROX (Buick) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button PEPS: 5912558 5 Button PEPS: 5912559 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible	K-Brown Or SD

2011-2012 REGAL With KEYED IGN. (Buick) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button Rem. Key: 5912555 5 Button Rem. Key: 5912556 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible except V4 1.2L	K-Brown Or SD

Split Year

2005-2007 RELAY (Saturn) — ADS-139

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690552 B97-PT	B97-PT	Select by Vehicle Type 3	Yes	No	Not Needed	K-Brown Or SD

Note: Check model for keyway used.

2005-2007 RELAY (Saturn) — ADS-139

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5902386 HAT367	PT04-PT	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

Note: Check model for keyway used.

2002-2007 RENDEZVOUS (Buick) — ADS-138

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692952 B99HPT	B99-PT	Type 1	Yes	No	Not Needed	**C**-Green Or SD

Programming Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER.
Otherwise, communication will fail.

2015-2016 SAVANA (GMC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 5926503 B120-PT Hata: HAT4898	Select by Vehicle 07-14	Yes	No	Not Needed	**K**-Brown Or SD

Programming Note: The only thing that has changed on these from 07-14 is the KEY.

2008-2014 SAVANA (GMC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

1998-2004 SEVILLE (Cadillac) — ADS-138

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690898 B99HPT	B99-PT	Type 1	Yes	No	Not Needed	**C**-Green Or SD

Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER.
Otherwise, communication will fail.

2014-2015 SIERRA 1500 With KEYED IGN. (GMC) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	**4 Digit Pin & 12 Minute Wait**	Possible on Most Gas Engines	**K**-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2007-2013 SIERRA (GMC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
B111-PT B107CP	Select by Vehicle Type 4	Yes	No	Not Needed	**K**-Brown Or SD

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1999-2004 SILHOUETTE (Oldsmobile) — ADS-138

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690552	B97-PT	Type 1	Yes	No	Not Needed	C-Green Or SD

Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER.
Otherwise, communication will fail.

2014-2015 SILVERADO 1500 With KEYED IGN. (CHEVROLET) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2007-2013 SILVERADO (Chevy) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2007-2009 SKY (Saturn) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692927 ⊕ B111-PT B107CP	Select by Vehicle Type 6	Yes	No	Not Needed	K-Brown Or SD

2006-2009 SOLSTICE (Pontiac) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693121 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2012-2015 SONIC (Chevy) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
3 Button Key: 5913598 4 Button Key: 5912543 5 Button Key: 5912545	Select by Vehicle	Yes	Yes	Possible	K-Brown Or SD

2013-2015 SPARK (Chevy) — ADS-187

DEALER ./ HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key HAT3524	Select by Vehicle	Yes	Yes	Possible	K-Brown Or SD

2013-2015 SRX WITH PROX (CADILLAC) — ADS-223

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible on Most Gas Engines	K-Brown Or SD

Note: PIN Read may only be possible using a recent BETA update.

2010-2012 SRX WITH PROX (CADILLAC) — ADS-187

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible on Most Gas Engines	K-Brown Or SD

2007-2009 SRX (CADILLAC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692933 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2004-2006 SRX (CADILLAC) — ADS-138

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692383		Select by Vehicle	Yes	No	Not Needed	C-Green Or SD

2005-2011 STS WITH PROX (CADILLAC) — ADS-187

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2015 SUBURBAN WITH KEYED IGN. (CHEVROLET) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2007-2013 SUBURBAN (CHEVY) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

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2015 SUBURBAN WITH PROX (CHEVROLET) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2015 TAHOE WITH KEYED IGN. (CHEVROLET) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2015 TAHOE WITH PROX (CHEVROLET) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2007-2014 TAHOE (CHEVY) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT / B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2010-2016 TERRAIN (GMC) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button Key: 5912547 5 Button Key: 5912548 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible	K-Brown Or SD

Split Year

2005-2007 TERRAZA (BUICK) — ADS-139

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690552	B97-PT	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

Note: 12 minute security wait. Check model for which keyway used.

2005-2007 TERRAZA (BUICK) — ADS-139

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5902386 HAT367	PT04-PT	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

Note: 12 minute security wait. Check model for which keyway used.

2007-2009 TORRENT (Pontiac) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693121 ⊕ B111-PT B107CP	Type 4	Yes	No	Not Needed	K-Brown Or SD

2009-2016 TRAVERSE (Chevy) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692931 ⊕ B111-PT B107CP	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

2016 TRAX With KEYED IGN. (Chevy) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select CHEVY SPARK	Yes	4 Digit Pin & 12 Minute Wait	Possible try by selecting SPARK	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2005-2008 UPLANDER (Chevy) — ADS-139

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690552 B97-PT	B97-PT	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

Note: Check model for which keyway used.

Split Year

2005-2008 UPLANDER (Chevy) — ADS-139

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5902386 HAT367	PT04-PT	Select by Vehicle	Yes	No	Not Needed	K-Brown Or SD

Note: Check model for which keyway used.

1999-2005 VENTURE (Chevy) — ADS- 138

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690552	B97-PT	Type 1	Yes	No	Not Needed	C-Green Or SD

Programming Note: At the start of the procedure when the tester asks you to turn the ignition OFF then back on a couple of times, just leave the ignition ON as you go thru these screens & press ENTER. Otherwise, communication will fail.

2014-2015 VERANO With PROX (Buick) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

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2012-2013 VERANO WITH PROX (BUICK) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5 Button PEPS: 5912559	Select by Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible	K-Brown Or SD

2012-2013 VERANO WITH MECHANICAL IGNITION (BUICK) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button Rem. Key: 5912555 --- 5 Button Rem. Key: 5912556	Select by Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible	K-Brown Or SD

2008-2010 VIBE (PONTIAC) — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	TOYOTA IMMO TYPE 2	Yes	No	Not Needed	A-Black Or SD

TRANSPONDER SYSTEM IS OPTIONAL

Note: Dealer Non-Remote Key: 89785-08020 (USA) - See Corolla - Toyota 2007 Software

2014-2015 VOLT WITH PROX (CHEVY) — ADS-223

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5 Button 315 MHz: 5920157 --- 5 Button 433 MHz: 5922037	Select by Vehicle	Yes	Yes	Possible	K-Brown Or SD

Prox Learning slot is located in compartment center of dash.

2011-2013 VOLT WITH PROX (CHEVY) — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5 Button 315 MHz: 5920157 --- 5 Button 433 MHz: 5922037	Select by Vehicle	Yes	Yes	Possible	K-Brown Or SD

Prox Learning slot is located in compartment center of dash.

2008-2009 VUE (SATURN) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7011685 ⊕ B114-PT HAT4220	Select by Vehicle Type 4	Yes	No	Not Needed	K-Brown Or SD

Note: Daewoo keyway with Circle Plus chip. : DW47 / ILCO: DWO5AP

2004-2009 XLR WITH PROX (CADILLAC) — ADS-187

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
2004-07 OEM 15212512 2008-09 OEM 25854923 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	No	Not Needed	C-Green Or SD

2007-2009 XL7 (Suzuki) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 5903089 B111-PT B107CP	BY SYSTEM TYPE 4	Yes	No	Not Needed	K-Brown Or SD

2013-2015 XTS With PROX (Cadillac) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with Dealer for proper Key or Prox	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Depends on Engine Type- See below	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2015 YUKON With KEYED IGN. (GMC) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2015 YUKON With PROX (GMC) — ADS-223

STRATTEC / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer or HATA for correct part to use	Select By Vehicle	Yes	4 Digit Pin & 12 Minute Wait	Possible on Most Gas Engines	K-Brown Or SD

See www.advanced-diagnostics.com I/Q App for more info on Pin Reading

2007-2014 YUKON (GMC) — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 692932 ⊕ B111-PT B107CP	Select by Vehicle Type 4	Yes	No	Not Needed	K-Brown Or SD

2008-2013 3500 (GMC) — ADS- 139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
B111-PT B107CP	Select by Vehicle Type 4	Yes	No	Not Needed	K-Brown Or SD

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2010 ALLURE WITH PROX (BUICK) - CANADA — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button PEPS: 5912558 5 Button PEPS: 5912559 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible	**K**-Brown Or SD

Note: This is for Canadian models.

2010 ALLURE WITH MECHANICAL IGNITION (BUICK) - CANADA — ADS-187

STRATTEC	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
4 Button Rem. Key: 5912555 5 Button Rem. Key: 5912556 Check with dealer or HATA for correct part to use	Select by Vehicle	Yes	Yes	Possible	**K**-Brown Or SD

Note: This is for Canadian models.

2005-2009 ALLURE (BUICK) - CANADA — ADS-139

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
691205 HAT367	PT04-PT	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

Note: This is for Canadian models.

2008-2012 CANYON (GMC) - CANADA — ADS-139

HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HAT7217	N/A	Select by Vehicle Type 4	Yes	No	Not Needed	**C**-Green Or SD

Note: U.S. Models are not transponder equipped.

2008-2012 COLORADO (CHEVY) - CANADA — ADS-139

HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HAT7217	N/A	Select by Vehicle Type 2	Yes	No	Not Needed	**C**-Green Or SD

Note: U.S. Models are not transponder equipped.

2008-2009 ENVOY (GMC) - CANADA — ADS-138

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM15770619	N/A	Type 2 or 3	Yes	No	Not Needed	**C**-Green Or SD

Note: U.S. Models are not transponder equipped.

2008-2009 H3 (HUMMER) - CANADA — ADS-138

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key is Required GM Part# 19167217 (Chevrolet Logo)	Type 2	Yes	No	Not Needed	**C**-Green Or SD

Note: U.S. Models are not transponder equipped.

2006-2009 PURSUIT (PONTIAC) - CANADA — ADS-139

STRATTEC / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Strattec: 693121 ⊕B111-PT / B107CP	Select by Vehicle	Yes	No	Not Needed	**K**-Brown Or SD

2008-2009 TRAILBLAZER (CHEVY) - CANADA — ADS-139

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM 15770619	Type 2	Yes	No	Not Needed	**C**-Green Or SD

Note: U.S. Models are not transponder equipped.

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WARNING!

Prox keys that are not BRAND NEW (have been used on another car) cannot be re-used.
There are lots of so-called "unlocked" Prox fobs being peddled on the internet.
Be careful as you sometimes "get what you pay for".
TOKEN WARNING: MVP will go all the way thru and use a token even if the Prox is not accepted.
Brand new keys from a reputable dealer program in 100% without issue.
2010 & 2011 models only accept 2 Prox max.
Some 2013 models may accept up to 3 Prox max.

2012-2015 AZERA WITH PROXIMITY START BUTTON IGNITION — ADS-196

DEALER / ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM DEALER PROX	Select by Vehicle USA Genesis PROX 13-14	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2006-2011 AZERA — ADS-147

DEALER / ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM: 81996-3L010 HY20PT	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2014-2015 ELANTRA WITH OPTIONAL PROXIMITY START BUTTON IGNITION — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai PROX: 95440-A5300	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2011-2013 ELANTRA WITH OPTIONAL PROXIMITY START BUTTON IGNITION — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai PROX: 95440-3X200	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2013-2015 EQUUS WITH PROXIMITY START BUTTON IGNITION — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai PROX: 95440-3N470	Select by Vehicle Select Kia / K900	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2011-2012 EQUUS with Proximity START Button Ignition — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai PROX: 95440-3N200	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2013-2015 GENESIS 4 Door with Proximity START Button Ignition — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2009-2013 GENESIS 4 Door with Proximity START Button Ignition — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai PROX: 95440-3M100 Emergency Key: 81999-3M020	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2010-2013 GENESIS COUPE with Optional Proximity START Button Ignition — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai PROX: 95440-2M300 Emergency Key: 81996-2M020	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Optional proximity system.

2013-2015 SANTA FE with Optional Proximity START Button Ignition — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER PROX	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2014-2015 SONATA with Optional Proximity START Button Ignition — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER PROX	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Optional proximity system.

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2011-2013 SONATA with Optional Proximity START Button Ignition — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai PROX: 95440-3Q000 Emergency Key: 81996-3S020	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Optional proximity system.

2012-2013 VELOSTER with Optional Proximity START Button Ignition — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai PROX: 95440-2V100 Emergency Key: 81996-1R020	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Optional proximity system.

2007-2012 VERACRUZ with Optional Proximity TWIST Ignition — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai PROX: 95440-3J600 Emergency Key: 81996-2B020	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Optional proximity system.

HYUNDAI (CANADIAN MARKET)

2012-2013 ACCENT — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Canadian models only.

2006-2011 ACCENT — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle CAN 4	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Canadian models only.

2012-2015 ELANTRA WITH OPTIONAL PROXIMITY START BUTTON IGNITION — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

2006-2013 ELANTRA — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Canadian models only.

2006-2010 ENTOURAGE — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Canadian models only.

2010-2013 GENESIS COUPE WITH KEY IGNITION — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai Key: 81996-2B010	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F.

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2013-2015 SANTA FE WITH KEY IGNITION — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Optional transponder system.

2007-2012 SANTA FE WITH KEY IGNITION — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai Key: 81996-2B010	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Canadian models only.

2011-2013 SONATA WITH KEY IGNITION — ADS-147

DEALER / ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Hyundai Key: 81996-3S010 / HY20PT	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Canadian models only.

2006-2008 TIBURON — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Canadian models only.

2003-2005 TIBURON — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle Type 2	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Canadian models only.

2007-2011 VERACRUZ — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle Type 2	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Hyundai dealer or N.A.S.T.F. Canadian models only.

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Infiniti - Nissan

MAJOR INFINITI-NISSAN UPGRADE ON 11.70 >

Most of our Infiniti-Nissan systems have recently received a major upgrade to make them much more user freindly.
The new upgrades can be accessed by selecting BETA / USA / BY VEHICLE and then picking the vehicle you are working on.
The new software will walk you thru the procedures, step by step.
Carefully follow the prompts and perform each step as you go.

Quickly & easily Convert BCM numbers to PIN CODES & BYPASS NISSAN 20 DIGIT CODES! Using SMART DONGLE & ADC-198SD Software.

(Now avaialble as optional equipment)

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MID 2007-2009 350Z (NISSAN) — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLE	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2007 was a split year. Some 2007 models are TYPE 4 and some are TYPE 9 CAN.

2003- MID 2007 350Z (NISSAN) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLE	Yes	Use BCM Conversion	A-Black Or SD

Note: 2007 was a split year. Some 2007 models are TYPE 4 and some are TYPE 9 CAN.

2009-2015 370Z (NISSAN) WITH PROXIMITY START BUTTON IGNITION — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLE	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2013-2016 ALTIMA 4-DOOR (NISSAN) WITH PROXIMITY START BUTTON IGNITION — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required 2016 models use a new part number!	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLEE	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan

20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE

2013-2014 ALTIMA 2-DOOR (NISSAN) WITH PROXIMITY START BUTTON IGNITION — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLE	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2-Door models of 2013-2014 Altima still use the older system.
If the vehicle has a programming port it uses the 2007-2012 BCM System.

2007-2012 ALTIMA (NISSAN) WITH PROXIMITY START BUTTON IGNITION — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLE	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2005-2006 ALTIMA (NISSAN) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A-Black Or SD

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2001-2004 ALTIMA (Nissan) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	PIN: 5523	Not Needed	**A**-Black Or SD

2000 ALTIMA (Nissan) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	Type 3	No	No	Not Needed	**F** White

2007-2011 ALTIMA HYBRID (Nissan) with Proximity START Button Ignition — ADS-169

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	**Yes**	Use BCM Conversion	***Smart Dongle** or **G**-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2008-2013 ARMADA (Nissan) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-ZQ30A FCC # CWTWBU624	USE BETA N. AMERICA BY VEHICLE	Yes	**Yes**	Use BCM Conversion	***Smart Dongle** or **G**-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2008-2013 ARMADA (Nissan) with KEY Ignition — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	**Yes**	Use BCM Conversion	***Smart Dongle** or **G**-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2004-2007 ARMADA (Nissan) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	**Yes**	Use BCM Conversion	**A**-Black Or SD

2009-2015 CUBE (Nissan) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	**Yes**	Use BCM Conversion	***Smart Dongle** or **G**-Tan

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2009-2015 CUBE (Nissan) with KEY Ignition — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2008-2012 EX35 (Infiniti) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2013 EX37 (Infiniti) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2005-2015 FRONTIER (Nissan) — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A / G

Note: LATER MODELS USE G DONGLE. Transponder is *optional*. Most do not have it.

2002-2004 FRONTIER (Nissan) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	PIN: 5523	A-Black Or SD

Note: Transponder is *optional*. Most do not have it.

2009-2013 FX35 / FX37 / FX50 (Infiniti) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2003-2008 FX35 / FX45 (Infiniti) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2003-2007 Models use TYPE 4 immobilizer to program the E-KEY/S.

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2008 FX35 / FX45 (Infiniti) with KEY Ignition — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2003-2007 FX35 / FX45 (Infiniti) with KEY Ignition — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A-Black Or SD

2000-2002 G20 (Infiniti) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	PIN: 5523	Not Needed	A-Black Or SD

2011-2012 G25 (Infiniti) — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2005-2007 G35 2-Door (Infiniti) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2003-2007 G35 2-Door (Infiniti) with KEY Ignition — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A-Black Or SD

2007-2008 G35 4-Door (Infiniti) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2005-2006 G35 4-Door (Infiniti) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2005-2006 Models use TYPE 4 immobilizer to program the E-KEY/S.

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2003-2006 G35 4-Door (Infiniti) with KEY Ignition — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	**A**-Black Or SD

2008-2014 G37 (Infiniti) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	***Smart Dongle** or **G**-Tan

2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2007-2014 GTR (Nissan) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	***Smart Dongle** or **G**-Tan

2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2000-2004 I30 / I35 (Infiniti) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	PIN: 5523	Not Needed	**A**-Black Or SD

1999 I30 (Infiniti) — ADS-112

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
ILCO: NSN11T2	Type 3	No	No	Not Needed	**B** Red

Note: **Special Cable Required** - ADC-118 or 136 for Classic & Pro. Must use old style OBD1 port.
*After-market keys can be used only if they are cloned from any original of the same type FIRST.

2011-2015 JUKE (Nissan) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-1KM0D or 285E3-1KM0A FCC# CWTWB1U808	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	***Smart Dongle** or **G**-Tan

2011-2015 JUKE (Nissan) with KEY Ignition — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	***Smart Dongle** or **G**-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2013-2015 JX35 (Infiniti) with Proximity START Button Ignition — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLEE	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan
20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE				

2011-2015 LEAF (Nissan) — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-1KM0D or 285E3-1KM0A FCC# CWTWB1U808	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2012 M35h (Infiniti) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2009-2010 M35 / M45 (Infiniti) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2006-2008 M35 / M45 (Infiniti) with Proximity START Button Ignition — ADS-169

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	Type 12 (See below)	Yes	Yes	Use BCM Conversion	A-Black Or SD
NOTE: On V12.28 or higher , SELECT BY VEHICLE					

2003-2004 M45 (Infiniti) with REMOTE KEY Insert Ignition — ADS-112

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Key Req. Part# H0561-AR200	USE BETA N. AMERICA BY VEHICLE	Yes	2003 = 5523 2004 = Random	2004 Use BCM Conversion	A-Black Or SD
Note: See Special Instructions under Q45 in Infiniti / Nissan Programming section.					

2011-2013 M37 / M56 (Infiniti) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM = 285E3-1MP0D FCC# CWTWB1U787	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

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2016 MAXIMA (Nissan) with Proximity START Button Ignition — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required New prox part number for 2016!	TYPE 13	Yes *Not required if using SMART DONGLEE	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan

20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE

2009-2015 MAXIMA (Nissan) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-JA000 285E3-JA02A FCC# KR55WK48903	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2007-2008 MAXIMA (Nissan) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-EW81D FCC# CWTWBU735	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: Early Production 2007 models may use TYPE 4 for the E-KEY programming.

2004-2006 MAXIMA (Nissan) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A-Black Or SD

2000-2003 MAXIMA (Nissan) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	PIN: 5523	Not Needed	A-Black Or SD

1999 MAXIMA (Nissan) — ADS-112

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
ILCO: NSN11T2	Type 3	Yes	No	Not Needed	B Red

Note: Special Cable Required - ADC-118 or 136 for Classic & Pro. Must use old style OBD1 port. *After-market keys can be used only if they are pre-cloned. Check w/ distributor, most come this way these days.

2015 MURANO (Nissan) with Proximity START Button Ignition — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required	TYPE 13	Yes *Not required if using SMART DONGLEE	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan

20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE

2009-2014 MURANO (Nissan) — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: All 2009-2014 Murano models have Push Button Ignition. But models with NO Power Liftgate & NO Prox Buttons on the Door Handles do not have real proximity and require the remote fob to be inserted into the slot on the dash to start the vehicle.
Some 2009 models may still use the "older" 2004-2008 PIN code conversion.

2005-2008 MURANO (Nissan) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM = 285E3-CB80D FCC# KBRTN001	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2005-2007 Models use TYPE 4 immobilizer to program the E-KEY/S.

2003-2008 MURANO (Nissan) with KEY Ignition — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A-Black Or SD

2012-2014 NV VAN (Nissan) — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: Transponder System was optional.

2013-2015 PATHFINDER (Nissan) with Proximity START Button Ignition — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLEE	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan

20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE

2008-2012 PATHFINDER (Nissan) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-EM30D FCC# CWTWBU729	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

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2008-2012 PATHFINDER (Nissan) with KEY Ignition — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2005-2007 PATHFINDER (Nissan) — ADS- 112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A-Black Or SD

2001-2004 PATHFINDER (Nissan) — ADS- 112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	PIN: 5523	Not Needed	A-Black Or SD

1999-2000 PATHFINDER (Nissan) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	Type 3	No	No	Not Needed	B Red

Note: Use ADC-136 old style Nissan cable. Key programming must be done wih the OLD style port, NOT the OBD2 port.

2002-2006 Q45 (Infiniti) with REMOTE KEY Insert Ignition — ADS-112

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Key Req. Part# H0561-AR200	USE BETA N. AMERICA BY VEHICLE	Yes	'02 = 5523 '03-04 = Random	2004 Use BCM Conversion	A-Black Or SD

Note: See Special Instructions under Q45 in Infiniti / Nissan Programming section.

2000-2001 Q45 (Infiniti) — ADS-112

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
INF45-PT	Type 3	Yes	No	Not Needed	F White

1997-1999 Q45 (Infiniti) — ADS-112

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
INF45-PT	1997 -Type 2 - - - - - - - 98-99 -Type 3	Yes	No	Not Needed	B Red

Note: Special Cable Required - ADC-118 or 136 for Classic & Pro. Must use old style OBD1 port.

2011-2014 QUEST (Nissan) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2008-2010 QUEST (Nissan) — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2004-2007 QUEST (Nissan) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A-Black Or SD

2001-2003 QX4 (Infiniti) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	PIN: 5523	Not Needed	A-Black Or SD

1999-2000 QX4 (Infiniti) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	Type 3	Yes	No	Not Needed	B Red

Note: Use ADC-136 old style Nissan cable. Key programming must be done wih the OLD style port, NOT the OBD2 port.

2014-2015 Q50 / QX50 (Infiniti) with Proximity START Button Ignition — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLEE	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan

20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE

2011-2013 QX56 (Infiniti) with Proximity START Button Ignition (No Prog Slot) — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-1LL0D FCC# KR5S180144014	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

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2008-2010 QX56 (Infiniti) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-ZQ30B FCC# CWTWBU624	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2004-2007 QX56 (Infiniti) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A-Black Or SD

2014-2015 QX60 (Infiniti) with Proximity START Button Ignition — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLEE	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan

20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE

2014-2015 QX70 (Infiniti) with Proximity START Button Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-1LL0D FCC# KR5S180144014	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

2014-2015 QX80 (Infiniti) with Proximity START Button Ignition — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes *Not required if using SMART DONGLEE	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan

20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE

2014-2015 ROGUE (Nissan) with Proximity START Button Ignition — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required	SEE BELOW	Yes	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan

20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE

A 2014-2015 ROGUE “SELECT” MODEL is available, these STILL USE A BCM BASED SYSTEM.

2014-2015 ROGUE (Nissan) with KEY Ignition — ADS-197

DEALER	SYSTEM	SMART Card	PIN Required	PRO Dongle
Dealer Proximity Remote & Key Required	SEE BELOW	Yes *Not required if using SMART DONGLEE	20-Digit Rolling Code BYPASS the code with SMART DONGLE & AD SMART DONGLE BYPASS SOFTWARE (Part no. ADC-198SD)	*Smart Dongle or G-Tan

20 DIGIT DEALER PIN CODE available thru N.A.S.T.F. OR USE BYPASS NOW AVAILABLE

A 2014-2015 ROGUE "SELECT" MODEL is available, these STILL USE A BCM BASED SYSTEM.

2008-2014* ROGUE (Nissan) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-EM30D FCC# CWTWBU729	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

A 2014-2015 ROGUE "SELECT" MODEL is available, these STILL USE A BCM BASED SYSTEM.

2008-2013 ROGUE (Nissan) with KEY Ignition — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2013-2016 SENTRA (Nissan) with Proximity (No Prog Slot) — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Verify correct part number of Prox with dealer by VIN or match existing working prox if one is available.
Production date prior to 05/13 use 285E3-3AA0A with FCC ID CWTWB1U815
Production date after 05/13 use 285E3-3SG0D with FCC ID CWTWB1U840

2007-2015 SENTRA (Nissan) with KEY Ignition — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2007-2012 SENTRA (Nissan) with Proximity TWIST Ignition — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

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2000-2006 SENTRA (NISSAN) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	PIN: 5523	Not Needed	**A**-Black Or SD

Note: Transponder System was optional.

2008-2015 TITAN (NISSAN) — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or **G**-Tan

Note: Transponder System was optional. Some 2009 & up Infiniti's may use the newer BCM conversion.

2004-2007 TITAN (NISSAN) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	**A**-Black Or SD

Note: Transponder System was optional.

2013-2015 VERSA (NISSAN) WITH PROXIMITY START BUTTON IGNITION (NO PROG SLOT) — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-3SG0D FCC# CWTWB1U840	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or **G**-Tan

2013-2014 VERSA (4 DOOR 1.6L "S" OR "SV") (NISSAN)

If equipped with a keyed ignition may not be transponder equipped. Check before cutting.

2007-2012 VERSA (NISSAN) WITH PROXIMITY TWIST IGNITION — ADS-159

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
285E3-EM30D FCC# CWTWBU729	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or **G**-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2007-2012 VERSA (NISSAN) WITH KEY IGNITION — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or **G**-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2008-2014 XTERRA (Nissan) — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	*Smart Dongle or G-Tan

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard. Transponder system may be optional.

2005-2007 XTERRA (Nissan) — ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Use BCM Conversion	A-Black Or SD

Note: Transponder system is optional and not very common.

2002-2004 XTERRA (Nissan) — ADS-112

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	PIN: 5523	Not Needed	A-Black Or SD

Note: Transponder system is optional and not very common.

2005-2006 X-TRAIL (Nissan) (CANADA) — ADS-112

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692061 DA34HPT	N102PT	USE BETA N. AMERICA BY VEHICLE	Yes	Yes	Special conversion of aerial serial number required	A-Black Or SD

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2003-2004 AXIOM — ADS-135

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key #8-97319-552-0 / HAT5520	Select Rodeo	No	Yes	No	**A**-Black Or SD
Note: PIN Code required from Isuzu.					

2003-2004 RODEO — ADS-135

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key #8-97319-552-0 / HAT5520	Select By Vehicle	No	Yes	No	**A**-Black Or SD
Note: PIN Code required from Isuzu.					

Jaguar

2003-2008 S-TYPE — ADS-151

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Tibbe (6-cut)	S-Type	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2000-2002 S-TYPE — ADS-100

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Tibbe (6-cut)	HEC Ford	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

NOTE: Although this is really a FORD system, you cannot use ADD-KEY (Only use ERASE KEYS) and you cannot use the FORD BYPASS (must wait 10min).

2002-2008 X-TYPE — ADS-151

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Tibbe (6-cut)	Select by Vehicle	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

1998-2008 XJ — ADS- 151

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key Required	Select by Vehicle	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

1997-2006 XK — ADS-151

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key Required	Select by Vehicle	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

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2007-2009 AMANTI — ADS-147

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key: 81996-3F050 HAT6310	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F.

2004-2006 AMANTI — ADS-118

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
81996-3FA10	KK7-PT	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Kia dealer or N.A.S.T.F.

2009-2011 BORREGO WITH OPTIONAL PROXIMITY START BUTTON IGNITION — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote & Emergency Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F.

2009-2011 BORREGO — ADS-147

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Key: 81996-2J010 / HAT6201	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F.

2014-2015 CADENZA WITH OPTIONAL PROXIMITY START BUTTON IGNITION — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote & Emergency Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. /

2011-2015 FORTE WITH OPTIONAL PROXIMITY START BUTTON IGNITION — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote & Emergency Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F.

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2010-2016 OPTIMA with Optional Proximity Start Button Ignition — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote & Emergency Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Kia dealer or N.A.S.T.F.

2011-2015 RIO with Optional Proximity Start Button Ignition — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote & Emergency Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Kia dealer or N.A.S.T.F.

2006-2015 SEDONA with Optional Transponder — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Key: 81996-4D040	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Kia dealer or N.A.S.T.F. This is for U.S. models only.

KIA

2011-2015 SORENTO with Optional Proximity Start Button Ignition — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Prox Remote: 95440-1U050 Emergency Key: 81996-2J700	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F.

2011-2015 SOUL with Optional Proximity Start Button Ignition — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote & Emergency Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Kia dealer or N.A.S.T.F.

2011-2015 SPORTAGE with Optional Proximity Start Button Ignition — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote & Emergency Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from Kia dealer or N.A.S.T.F.

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2009-2015 FORTE WITH KEYED IGNITION — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2014-2015 K900 WITH PROXIMITY START BUTTON IGNITION — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. /

2008-2010 MAGENTIS — ADS-147

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
2008-09 - Dealer Key / 2010 - HAT6201	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2006-2007 MAGENTIS — ADS-118

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2006-2012 OPTIMA — ADS-147

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key / 2011-12 HAT6201	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2012-2015 RIO WITH KEYED IGNITION — ADS-196

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

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2006-2011 RIO with Keyed Ignition — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key HAT6201	Select by Vehicle CAN 4	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2006-2011 RIO 5 — ADS-147

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
2006-2009 Dealer Key 2010-2011 HAT6201	Select by Vehicle CAN 4	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2014-2015 RONDO with Optional Proximity Start Button Ignition — ADS-196

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F.

2007-2013 RONDO — ADS-147

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
2007-2010 Dealer Key 2011-2012 HAT6201	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2006-2012 SEDONA with Keyed Ignition — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are transponder optional.

2004-2005 SEDONA — ADS-118

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

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2014-2015 SORENTO WITH PROXIMITY START BUTTON IGNITION — ADS-196

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. /

2006-2015 SORENTO WITH KEYED IGNITION — ADS-147

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key HAT6201	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2004-2005 SORENTO — ADS-118

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle Type 1	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2010-2015 SOUL WITH KEYED IGNITION — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2007-2012 SPECTRA / SPECTRA 5 — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2004-2006 SPECTRA / SPECTRA 5 — ADS-147

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

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2007-2013 SPORTAGE WITH KEYED IGNITION					ADS-147
DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
2007-2011 Dealer Key 2012-2013 HAT6201	Select by Vehicle CAN 3	Yes	Yes	No	**A**-Black Or SD
Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.					

2006 SPORTAGE					ADS-118
DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key	Select by Vehicle	Yes	Yes	No	**A**-Black Or SD
Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.					

Used Hyundai & Kia Proximity key warning!

Prox keys that are not BRAND NEW cannot be used.
There are lots of so-called “unlocked” Prox fobs being peddled on the internet.
Be careful as you sometimes “get what you pay for”.
MVP will go all the way thru and use a token even if the Prox is not accepted.
Brand new keys from a reputable dealer is what we recommend.
These program in 100% without issue.

2010 & 2011 models only accept 2 Prox max.
Some 2013 models may accept up to 3 Prox max.

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2011-2015 CT200H — ADS- 174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black or Smat Dongle

2002-2003 ES300 — ADS-125

OEM / ILCO / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER KEY (4C CHIP) TOY48-BT4 / TR48HPT	TYPE 1	No	No	Not Needed	**A**-Black Or SD

1998-2001 ES300

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2004-2006 ES330 — ADS-125

OEM / ILCO / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key (4D Chip) TOY50-PT / HAT4867	TYPE 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2013-2015 ES350 — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle or Smart Dongle		Not Needed	**A**-Black Or SD

2007-2012 ES350 — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2006 GS300 — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2002-2005 GS300 — ADS-125

OEM / ILCO / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER KEY (4C CHIP) TOY48-BT4 / TR48HPT	TYPE 1	No	No	Not Needed	**A**-Black Or SD

1998-2001 GS300

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2013-2015 GS350 — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2007-2012 GS350 — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: If PROX 1 does not communicate, try PROX 2.

1998-2000 GS400

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2006-2007 GS430 — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2001-2005 GS430 — ADS-125

ILCO / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
TOY48-BT4 TR48HPT	TYPE 1	No	No	Not Needed	**A**-Black Or SD

2013-2015 GS450H — ADS- 174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2007-2012 GS450H — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

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2012-2013 GS460 — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2008-2011 GS460 — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2010-2013 GX460 — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2003-2009 GX460 — ADS-125

OEM / ILCO / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key (4D Chip) TOY50-PT / HAT4867	TYPE 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2003-2009 GX470 — ADS-125

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key (4D Chip) TOY50-PT / HAT4867	TYPE 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2010-2013 HS250H — ADS- 174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2014-2015 IS250 — ADS-227

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 7	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black or **Smart Dongle**

New Software: requires using latest BETA

2010-2013 IS250 — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 2	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: If Prox 2 fails then use PROX 6

2006-2010 IS250 — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 2	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2002-2005 IS300 — ADS-125

ILCO / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
TOY48-BT4 TR48HPT	TYPE 1	No	No	Not Needed	**A**-Black Or SD

2001 IS300

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2014-2015 IS350 — ADS-227

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 7	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black or **Smart Dongle**

New Software: requires using latest BETA

2006-2013 IS350 — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 2	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

1997-2000 LS400

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2004-2006 LS430 WITH PROXIMITY TWIST IGNITION — ADS-125

ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Smart Access PROX	TYPE 2	No	No	Not Needed	**A**-Black Or SD

Note: Only the immobilizer can be programmed with the PRO. Use on board programming to program the PROX

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

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2004-2006 LS430 - KEYED IGNITION SYSTEMS — ADS-125

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key (4D Chip) TOY50-PT / HAT4867	TYPE 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

2001-2003 LS430 — ADS-125

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key (4D Chip) TOY50-PT / HAT4867	TYPE 2	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

2015 LS460 — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2007-2014 LS460 — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2008 LS600H — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2003-2007 LX470 — ADS-125

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key (4D Chip) TOY50-PT / HAT4867	TYPE 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

2001-2002 LX470 — ADS-125

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
DEALER KEY (4C CHIP) TOY48-BT4 / TR48HPT	TYPE 1	No	No	Not Needed	**A**-Black Or SD

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1998-2000 LX470

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2008-2009 LX570 — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

1999-2003 RX300

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2004-2006 RX330 — ADS-125

OEM / ILCO / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key (4D Chip) TOY50-PT / HAT4867	TYPE 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2010-2015 RX350 — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2007-2009 RX350 / RX400H — ADS-125

OEM / ILCO / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key (4D Chip) TOY50-PT / HAT4867	TYPE 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2010-2011 RX350H — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

1998-2000 SC300 / SC400

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

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2002-2010 SC430				ADS-125	
OEM / ILCO / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key (4D Chip) TOY50-PT / HAT4867	TYPE 2	No	No	Not Needed	**A**-Black Or SD

2010-2011 RX450H				ADS-174	
DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Used Toyota/Lexus/Scion Proximity Keys

Prox keys that are not BRAND NEW cannot be simply ADDED.
There is a work around trick that will usually allow you to program in an already used prox.

1. Perform an Immobilizer reset introducing the used key first.
2. Once you have the used key programmed and working use PROGRAM PROX to add back in the original working Prox key(s).

MVP users take note: The above method may not always work 100%.
Brand new keys from a reputable dealer is what we recommend.
These program in 100% without issue.

TYPE 2 and TYPE 4 QUICK RESET

Quick Reset Immo on the special functions menu for Type 2 and for Type 4 was developed in order to save time!
It performs the reset in a lost key situation without waiting thru the 16 or 30 minute security delay that is necessary when selecting the regular reset. On type 4 it also performs the ECU reset that when selecting the older reset is necessary as an additional step.

How to use:

Carefully watch the security light “theft indicator”. Almost instantly after selecting Quick Reset immo, the theft light should go solid indicating that immo is now in the “learn mode”. However, the car does not always give the tester back the correct signal so it will sometimes say “trying to communicate” or “Communication Failed” but if you watch the security light you should see that it turns solid, indicating the quick reset worked. You may have to switch the ignition OFF and remove the key before the light goes solid.

2012-2015 MAZDA 2 — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: F1Y1-76-2GX HAT1176	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A**-Black Or SD

2014-2016 Mazda 3 With Push to Start Proximity System — ADS-225

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PRO Dongle
Fob GJY9-67-5DFY E-Key KDY3-76-201 HAT0967 - (Fob & E-Key Combo)	SELECT BY VEHICLE	Yes	Dealer INCODE Required	**G**-Tan Or SD

Notes: Rolling code system, get Out-Code from tester and obtain In-code from Dealer or N.A.S.T.F.
Keep the tester connected or codes change to new ones and you will have to start over.
Both ADD PROX and ERASE PROX are available. 2 PROX are required if using ERASE PROX.

Release date Oct 6th, 2014 On Beta

2010-2013 MAZDA 3 with Proximity START Button Ignition — ADS-133

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A / G**

Note: See instructions in 2014 Manual

2006-2013 MAZDA 3 with KEY Ignition — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: F1Y1-76-2GX HAT1176	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A**-Black Or SD

2004-2005 MAZDA 3 with KEY Ignition — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: F1Y1-76-2GX HAT1176	Select FORD PATS 3	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A**-Black Or SD

2006-2014 MAZDA 5 — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: F1Y1-76-2GX HAT1176	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A**-Black Or SD

2014-2016 Mazda 6 With Push to Start Proximity System — ADS-225

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PRO Dongle
Fob GJY9-67-5DFY E-Key KDY3-76-201 HAT0967 - (Fob & E-Key Combo)	SELECT BY VEHICLE	Yes	Dealer INCODE Required	**G**-Tan Or SD

Notes: Rolling code system, get Out-Code from tester and obtain In-code from Dealer or N.A.S.T.F.
Keep the tester connected or codes change to new ones and you will have to start over.
Both ADD PROX and ERASE PROX are available. 2 PROX are required if using ERASE PROX.

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2009-2013 MAZDA 6 WITH PROXIMITY START BUTTON IGNITION — ADS-133

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
PROX Remote: GYSL-67-5RY Emergency Key: D6Y1-76-2GXB	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A**-Black Or SD

Note: See instructions in 2014 Manual

2006-2008 MAZDA 6 WITH TWIST KNOB PROXIMITY IGNITION — ADS-133

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A / G**

Note: Models with “Card” style Prox use ‘G’ Dongle - newer models with “Fob” style Prox use ‘A’ Dongle

2009-2013 MAZDA 6 WITH KEY IGNITION — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: F1Y1-76-2GX HAT1176	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**E** Yellow

Note: Only use ERASE keys, ADD-KEY won’t work. We have also seen some of these fail to program using aftermarket keys so make sure to have TWO factory original dealer keys.

2005-2008 MAZDA 6 WITH KEY IGNITION — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: F1Y1-76-2GX HAT1176	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A**-Black Or SD

2003-2004 MAZDA 6 WITH KEY IGNITION — ADS-133

DEALER /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: GJYA-76-2GX	Select FORD PATS 3	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A**-Black Or SD

Note: Models made before 09/22/03 use Dealer Key - Part# GJYA-76-2GX Mazda Key - No substitute.

2000-2002 626 — ADS-126

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key: BJYV-76-2GX	MAZDA PIN	Yes	Yes	IMMO Box Conversion	**A**-Black Or SD

Note: Transponder system was optional. Most 626 models with V-6 Engine’s have it. Programming key procedure is an On-Board method using a PIN Code number converted from the Immobilizer Control Unit serial number. The immobilizer control unit is located under the steering column. See programming section for more details.

1998-1999 626 — ADS-126

DEALER /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key: GE4T-76-2GX	MAZDA PIN	Yes	Yes	IMMO Box Conversion	**A**-Black Or SD

Note: Transponder system was optional. Most 626 models with V-6 Engine's have it. Programming key procedure is an On-Board method using a PIN Code number converted from the Immobilizer Control Unit serial number. The immobilizer control unit is located under the steering column. See programming section for more details.

2007-2011 B-SERIES PICK UP's — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	FORD PATS 4	No	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: If using the 10 Min Bypass, you may have to select FORD PATS 5.

2001-2006 B-SERIES PICK UP'S WITH OPTIONAL TRANSPONDER — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
599114 HAT9114	H92-PT	FORD PCM	No	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Transponder system is optional. Some models came with 690212 but are not transponder equipped.

1999-2000 B-SERIES PICK UP'S WITH OPTIONAL TRANSPONDER — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
598333 H72HPT	H72-PT	FORD PATS 2	No	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: Transponder system is optional.

2013-2015 CX-5 WITH PUSH TO START PROXIMITY SYSTEM — ADS-225

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PRO Dongle
Fob KDY3-67-5DY E-Key KDY3-76-201 HAT3675 - (Fob & E-Key Combo)	SELECT BY VEHICLE	Yes	Dealer INCODE Required	**G**-Tan Or SD
Notes: Rolling code system, get Out-Code from tester and obtain In-code from Dealer or N.A.S.T.F. Keep the tester connected or codes change to new ones and you will have to start over. Both ADD PROX and ERASE PROX are available. 2 PROX are required if using ERASE PROX.				Release date Oct 6th, 2014

2007-2014 CX-7 / CX-9 WITH PROXIMITY IGNITION — ADS-133

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A / G**

Note: Models with "Card" style Prox use 'G' Dongle - newer models with "Fob" style Prox use 'A' Dongle

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2007-2014 CX-7 / CX-9 WITH KEY IGNITION — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: F1Y1-76-2GX HAT1176	FORD PATS 5	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A**-Black Or SD

2000-2005 MIATA — ADS-126

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key: BJYV-76-2GX	MAZDA PIN	Yes	Yes	IMMO Box Conversion	**A**-Black Or SD

Note: Programming key procedure is an On-Board method using a PIN Code number converted from the Immobilizer Control Unit serial number. The Immobilizer Control Unit is located under the steering column. See programming section for more details.

2000-2006 MPV VAN — ADS-126

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key: BJYV-76-2GX ('00-'04 only)	MAZDA PIN	Yes	Yes	IMMO Box Conversion	**A**-Black Or SD

Note: Programming key procedure is an On-Board method using a PIN Code number converted from the Immobilizer Control Unit serial number. The Immobilizer Control Unit is located under the steering column. See programming section for more details.

2006-2014 MX-5 MIATA WITH PROXIMITY IGNITION — ADS-133

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A / G**

Note: Models with "Card" style Prox use 'G' Dongle - newer models with "Fob" style Prox use 'A' Dongle

2014 MX-5 MIATA WITH KEY IGNITION — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
OEM Dealer Key	Select by Vehicle	Use SMART CARD PIN Bypass Response Code Required from A.D. Web Site without Smart Card			**A**-Black Or SD

Note: 2014 now uses an 80 bit chip.

2006-2013 MX-5 MIATA WITH KEY IGNITION — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: F1Y1-76-2GX HAT1176	Select by Vehicle	Use SMART CARD PIN Bypass Response Code Required from A.D. Web Site without Smart Card			**A**-Black Or SD

2006-2011 RX-8 WITH PROXIMITY IGNITION — ADS-133

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
PROX Card: NFY7-67-RYB Emergency Key: D4Y1-76-2GXA	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A / G**

Note: Models with “Card” style Prox use ‘G’ Dongle - newer models with “Fob” style Prox use ‘A’ Dongle

2004-2011 RX-8 WITH KEY IGNITION — ADS-133

DEALER / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer: F1Y1-76-2GX HAT1176	Select by Vehicle	Use SMART CARD PIN Bypass (Response Code Required from A.D. Web Site without a Smart Card.)			**A**-Black Or SD

2009-2011 TRIBUTE — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	10 MIN BYPASS	PRO Dongle
690212 HAT997	H92-PT	FORD PATS 5	No	No	Yes with SMC & ADS133	**A**-Black Or SD

2005-2008 TRIBUTE — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690212 HAT997	H92-PT	FORD CAN 3	No	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: 2004 is a split year, try PCM and CAN 3 & use the system that communicates. Determine the system before cutting key. 2008 may be PATS 4 and if using the 10Min bypass may need to use PATS 5.

2001-2004 TRIBUTE — ADS-100

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
691643 H86HPT	H86-PT	FORD PCM	No	No	Yes with SMC & ADS133	**A**-Black Or SD

Note: 2004 is a split year, try PCM and CAN 3 & use the system that communicates. Determine the system before cutting key.

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Important Note about Mitsubishi Keys needed on CAN systems:
We ONLY recommend using brand new DEALER REMOTE HEAD KEYS on these vehicles.
There are aftermarket blanks available but from what we have seen they very often will NOT program in successfully, even using dealer equipment.
ATTENTION MVP USERS: NO LOST TOKENS WILL BE REFUNDED FOR USING IMPROPER KEYS

Also beware of component mis-match on ALL Mitsubishi.
If components have been swapped or changed DEALER EQUIPMENT. is required to re-match components.

2000-2004 DIAMANTE — ADS-117

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907793		Diamante	No	No	Not Needed	**A**-Black Or SD

Split Year

2007-2012 ECLIPSE — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Key: MN141545 USE OEM KEYS ONLY!	Eclipse CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

Note: 2007 model year is Split year. Either MIT3 ('08) or MIT6 ('06) keyway. Check the car!

2006-2007 ECLIPSE — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Key: MN141381 USE OEM KEYS ONLY!	ECLIPSE CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

Note: 2007 model year is Split year. Either MIT3 ('08) or MIT6 ('06) keyway. Check the car!

2000-2005 ECLIPSE — ADS-117

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692564 690648 HAT6648	MIT13-PT	ECLIPSE	No	No	Not Needed	**A**-Black Or SD

Split Year

2007-2011 ENDEAVOR — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Key: 6370A364 USE OEM KEYS ONLY!	ENDEAVOR CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

Note: 2007 model year is Split year. Either MIT3 ('08) or MIT6 ('06) keyway. Check the car!

2006-2007 ENDEAVOR — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Key: MN141383 USE OEM KEYS ONLY!	ENDEAVOR CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

Note: Some 2006 models are not CAN and can be programmed like a 2005 model.

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2004-2005 ENDEAVOR — ADS-117

STRATTEC /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
690564 (N Chip) - - - - - - 690562 (A Chip)	ENDEAVOR	No	No	Not Needed	**A**-Black Or SD

Note: Some 2004-2005 Endeavor models use the “N” transponder chip & some use the “A” chip.

2007-2012 GALANT — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Key: MN141545 USE OEM KEYS ONLY!	GALANT CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

Note: 2007 model year is Split year. Either MIT3 (‘08) or MIT6 (‘06) keyway. Check the car!

Split Year

2006-2007 GALANT — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Key: MN141381 USE OEM KEYS ONLY!	GALANT CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

Note: 2007 model year is Split year. Either MIT3 (‘08) or MIT6 (‘06) keyway. Check the car!

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2004-2005 GALANT — ADS- 117

STRATTEC / HATA /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692562 692020 HAT2020	GALANT 2004	No	No	Not Needed	**A**-Black Or SD

2000-2003 GALANT — ADS- 117

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692564 690648 HAT6648	MIT13-PT	GALANT 00-03	No	No	Not Needed	**A**-Black Or SD

2008-2014 LANCER WITH PROXIMITY TWIST IGNITION — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote: 8637A228 Dealer Key Blade: 6370A770	LANCER CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

2008-2013 LANCER WITH KEY IGNITION — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Key: 6370A477 USE OEM KEYS ONLY!	LANCER CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

2008-2012 LANCER EVO WITH PROXIMITY TWIST IGNITION — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote: 8637A228 Dealer Key Blade: 6370A770	LANCER EVO CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

2003-2006 LANCER EVO — ADS-117

DEALER	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
MR587430	MITS14-PT MIT14-ETS-P1	LANCER EVO	No	No	Not Needed	**A**-Black Or SD

Important Note about Mitsubishi Keys needed on CAN systems:
We ONLY recommend using brand new DEALER REMOTE HEAD KEYS on these vehicles.
There are aftermarket blanks available but from what we have seen they very often will NOT program in successfully, even using dealer equipment.
ATTENTION MVP USERS: NO LOST TOKENS WILL BE REFUNDED FOR USING IMPROPER KEYS

Also beware of component mis-match on ALL Mitsubishi.
If components have been swapped or changed DEALER EQUIPMENT. is required to re-match components.

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2001-2006 MONTERO — ADS-117

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907793 MIT7315	MIT12-PT	MONTERO	No	No	Not Needed	**A**-Black Or SD

2000-2004 MONTERO SPORT — ADS-117

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5907793 MIT7315	MIT12-PT	MONTERO SPORT	No	No	Not Needed	**A**-Black Or SD

2008-2014 OUTLANDER WITH PROXIMITY TWIST IGNITION — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote: 8637A316 Dealer Key Blade: 6370A770	OUTLANDER CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

2007 OUTLANDER WITH PROXIMITY TWIST IGNITION — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote: 8637A025 Dealer Key Blade: 6370A362	OUTLANDER CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

2007-2012 OUTLANDER WITH KEY IGNITION — ADS-154

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Remote Key: 6370A148 Non Remote Key: MN141307	OUTLANDER CAN	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

2004-2006 OUTLANDER — ADS-117

DEALER /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key: MN141307 USE OEM KEYS ONLY!	OUTLANDER	No	No	Not Needed	**A**-Black Or SD

2011-2014 OUTLANDER SPORT — ADS-189

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote	SELECT BY VEHICLE	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**G**-Tan Or SD

Note: This software is currently under development. Currently a NEW prox can only be programmed if you already have a working prox. No programming from an ALL prox keys lost situation. However, this is better than nothing & good for duplicates.

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2008-2009 RAIDER — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 4	Yes	Yes	with ADS-157 Software	**A**-Black Or SD
Note: This is a DODGE made vehicle. See Dodge Dakota.						

2006-2007 RAIDER — ADS-156

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692352 HAT1718	Y164-PT	CAN 1	Yes	Yes	with ADS-157 Software	**A**-Black Or SD
Note: This is a DODGE made vehicle. See Dodge Dakota.						

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ATTENTION MVP USERS: NO LOST TOKENS WILL BE REFUNDED FOR USING IMPROPER KEYS

Also beware of component mis-match on ALL Mitsubishi.
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1998-2003 9-3 & 9-5 — ADS-144

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key Required	9-3 9-5	Yes	No	Not Needed	**A**-Black Or SD

Note: If all keys are lost, Immobilizer Box (TWICE module) must be replaced or reflashed.

Also, requires a **PIN CODE** that can be obtained from Advanced-Diagnostics.com (user login required)

2003-2010 9-5 Sport w/ slot key (Stubby Key) — ADS-144

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key Required	Sport (CAN)	Yes	No	Not Needed	**A**-Black Or SD

Note: If all keys are lost, Immobilizer Box (CIM module) must be replaced or reflashed.

Requires a **PIN CODE** that can be obtained from Advanced-Diagnostics.com (user login required)

Keys: Must be brand new never used before (Virgin)!

See: Advanced Diagnostics.com downloads for complete instructions. (user login required)

2010-2011 9-4X — ADS-187

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Remote Required	SRX	**Yes**	**Yes**	Possible	**K**-Brown Or SD

Note: This vehicle is made by General Motors

2005-2009 9-7X — ADS-139

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692138 HAT367	PT04-PT	GM Type 2	No	No	Not Needed	**K**-Brown Or SD

Note: This vehicle is made by General Motors

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2013-2015 FR-S with Proximity START Button Ignition — ADS-227

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Required	Select By Vehicle	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black or **Smart Dongle**

New Software: requires using latest BETA

2013-2015 FR-S with Keyed Ignition (Bladed) — ADS-227

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key (NOT THE SAME AS THE TOYOTA G, chip is different)	Select By Vehicle	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

New Software: requires using latest BETA Use TOY / REMOTES / TYPE 4 to program RKE.

2012-2013 IQ (Canada) — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040 or DEALER RKE KEY	TOY IMMO 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note:Transponder system may be optional. Use TOY / REMOTES / TYPE 4 to program RKE.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2011-2013 TC with Proximity START Button Ignition — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Prox Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2011-2013 TC with Keyed Ignition — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040 or DEALER RKE KEY	TOY IMMO 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note:Transponder system may be optional. Use TOY / REMOTES / TYPE 4 to program RKE.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2008-2010 TC — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	No	No	Not Needed	**A**-Black Or SD

Note: For Type 4 lost key situations a “quick reset” feature is available, see last page of this section for details.

2005-2007 TC — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**--Black Or SD

Note: For Type 4 lost key situations a "quick reset" feature is available, see last page of this section for details.

2012-2013 XB (Canada) — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040 or DEALER RKE KEY	TOY IMMO 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)
Use TOY / REMOTES / TYPE 4 to program RKE.

2012-2013 XD (Canada) — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040 or DEALER RKE KEY	TOY IMMO 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)
Use TOY / REMOTES / TYPE 4 to program RKE.

SCION

Used Toyota/Lexus/Scion Proximity Keys

Prox keys that are not BRAND NEW cannot be simply ADDED.
There is a work around trick that will usually allow you to program in an already used prox.

1. Perform an Immobilizer reset introducing the used key first.
2. Once you have the used key programmed and working use PROGRAM PROX to add back in the original working Prox key(s).

MVP users take note: The above method may not always work 100%.
Brand new keys from a reputable dealer is what we recommend.
These program in 100% without issue.

TYPE 2 and TYPE 4 QUICK RESET

Quick Reset Immo on the special functions menu for Type 2 and for Type 4 was developed in order to save time!
It performs the reset in a lost key situation without waiting thru the 16 or 30 minute security delay that is necessary when selecting the regular reset. On type 4 it also performs the ECU reset that when selecting the older reset is necessary as an additional step.

How to use:

Carefully watch the security light "theft indicator". Almost instantly after selecting Quick Reset immo, the theft light should go solid indicating that immo is now in the "learn mode". However, the car does not always give the tester back the correct signal so it will sometimes say "trying to communicate" or "Communication Failed" but if you watch the security light you should see that it turns solid, indicating the quick reset worked. You may have to switch the ignition OFF and remove the key before the light goes solid.

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2008-2013 FORTWO (W451)				ADS-179	
DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Key Required	Select by Vehicle	Yes	No	Not Needed	**G**-Tan Or SD
Note: Remote programs in along with transponder.					

Important Note for Subaru: Subaru has been updated on Ver 11.68 & higher to fix a problem with programming more than 1 key. New version supports up to 4 keys max.

Please use TYPE 1A (11.68 or higher) on ALL Subaru TYPE 1 vehicles.

2006-2007 B9 TRIBECA — ADS-127

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497AG11A SUB4-PT / HAT9711	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2009-2013 FORESTER — ADS-127

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497SC010 or 57497AG070A Check with dealer for correct key by VIN.	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2005-2008 FORESTER 2.5 XT — ADS-127

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497AE000 HAT9700	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2012-2015 IMPREZA

DEALER	
NON-HIGH SECURITY OEM KEY WITH G ON BLADE	**NOT SUPPORTED** **DO NOT ATTEMPT**

2008-2011 IMPREZA - NON-HIGH SECURITY KEY — ADS-127

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer for correct key according to VIN.	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2008-2012 IMPREZA WRX — ADS- 127

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer for correct key according to VIN.	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2006-2007 IMPREZA WRX — ADS- 127

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497AE000 HAT9700	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

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2008-2012 IMPREZA WRX - STI — ADS127-

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497SC010 or 57497AG070A Check with dealer for correct key by VIN.	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2005-2007 IMPREZA WRX - STI — ADS-127

DEALER / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497AE000 HAT9700	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2014 LEGACY with Key Ignition — ADS-228

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HIGH SECURITY OEM KEY Check with dealer for part nos.	TYPE 4	Yes	Yes 5-Digit	No	*Smart Dongle or **A**-Black

Notes: (NEW system, use V12.26 or higher) Requires PIN Code from Subaru dealer or NASTF.
The PIN Code is on a metal tag that came with the keys when the car was new/delivered. It reads Security ID: 12345 (example).
RKE program seperately using Subaru / Remotes / By system / TYPE 2
Later models that use the NON-HIGH SECURITY Bladed keys stamped "G" are NOT SUPPORTED

2010-2013 LEGACY — ADS-127

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Check with dealer for correct key according to VIN.	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2006-2009 LEGACY — ADS-127

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497AG11A SUB4-PT / HAT9711	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2005 LEGACY GT — ADS-127

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497AG11A SUB4-PT / HAT9711	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2013-2014 OUTBACK with Key Ignition — ADS-228

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
HIGH SECURITY OEM KEY Check with dealer for part nos.	TYPE 4	Yes	Yes 5-Digit	No	*Smart Dongle or **A**-Black

Notes: (NEW system, use V12.26 or higher) Requires PIN Code from Subaru dealer or NASTF.
RKE program seperately using Subaru / Remotes / By system / TYPE 2
Later models that use the NON-HIGH SECURITY Bladed keys stamped "G" are NOT SUPPORTED
Some early prod. 2013 have been found to use the old TYPE1A. If TYPE4 gives SEED KEY ERROR use TYPE1A.

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SUBARU

2010-2012 OUTBACK — ADS-127

OEM /	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer 4 Button Remote Key: 57497AJ070	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2006-2009 OUTBACK — ADS-127

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497AG11A SUB4-PT / HAT9711	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2005 OUTBACK 2.5 XT / 3.0R — ADS-127

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497AG11A SUB4-PT / HAT9711	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2010-2014 TRIBECA — ADS-127

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer 4 Button Remote Key: 57497XA13A	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

2008-2009 TRIBECA — ADS-127

OEM / ILCO / HATA	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
57497AG12A SUB4-PT / HAT9711	TYPE 1A	Yes	NO	Not Needed	**A**-Black Or SD

Important Note for Subaru: Subaru has been updated on Ver 11.68 & higher to fix a problem with programming more than 1 key. New version supports up to 4 keys max.

Please use TYPE 1A (11.68 or higher) on ALL Subaru TYPE 1 vehicles.

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2009-2012 EQUATOR (NISSAN) ADS-159

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
7003526 HAT104	N104PT	USE BETA N. AMERICA BY VEHICLE	Yes	**Yes**	Use BCM Conversion	**A** / **G**

Note: LATER MODELS USE G DONGLE. Transponder is *optional*. Most do not have it.

This Vehicle is a NISSAN FRONTIER sold by SUZUKI.

2010-2014 4RUNNER WITH PROXIMITY START BUTTON IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2010-2015 4RUNNER WITH KEY IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Some 2010 models may use the 2009 key & programming.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2003-2009 4RUNNER — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: Transponder system may be optional.
For lost key situations a “quick reset” feature is available, see last page of this section for details.

2001-2002 4RUNNER — ADS-125

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692062 TR47HPT	TOY43-AT4 (4C Chip)	Type 1	No	No	Not Needed	**A**-Black Or SD

1998-2000 4RUNNER

Not supported by MVP or TCode. No OBD2 access. Engine must be reprogrammed with EZ Flasher.

2013-2014 AVALON WITH PROXIMITY START BUTTON IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2005-2012 AVALON WITH PROXIMITY START BUTTON IGNITION — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 2 or 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

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2008-2012 AVALON WITH KEY IGNITION — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2005-2007 AVALON WITH KEY IGNITION — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

1998-2004 AVALON

No OBD2 Access / Engine Control must be Re-flashed. This is not supported through tech support.

2012-2014 CAMRY & CAMRY HYBRID WITH PROXIMITY START BUTTON IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2007-2011 CAMRY WITH PROXIMITY START BUTTON IGNITION — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2014-2016 CAMRY WITH KEY IGNITION — ADS-199

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Head **H** Key 3 Button 89070-0R130 4 Button (power hatch) 89070-0R100	TYPE 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

RKE functions program using Toyota remotes menu type4
IMPORTANT: The “G” chip will NOT substitute for the new “H” chip.
NOTE: Some early production 2014 have been seen still using Type 5 and the G chip.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2010-2013 CAMRY WITH KEY IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

Split Year

2007-2011 CAMRY WITH KEY IGNITION — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT6106	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.On Type 4 lost key situations a “quick reset” feature is available, see last page of this section for details.

2002-2006 CAMRY — ADS-125

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692062 TR47HPT	TOY43-AT4 (4C Chip)	Type 1	No	No	Not Needed	**A**-Black Or SD

Note: Transponder system is optional. Transponder models can use either TYPE 1 or TYPE 2 depending on what system is fitted on the vehicle. Use the system that communicates.

Split Year

2002-2006 CAMRY — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT6106	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: Transponder system is optional. Transponder models can use either TYPE 1 or TYPE 2 depending on what system is fitted on the vehicle. Use the system that communicates.

Note: For Type 2 lost key situations a “quick reset” feature is available, see last page of this section for details.

2014-2015 COROLLA WITH KEY IGNITION — ADS-199

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Head H Key 3 Button 89070-0R130 4 Button (power hatch) 89070-0R100	TYPE 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

RKE functions program using Toyota remotes menu type4
IMPORTANT: The “G” chip will NOT substitute for the new “H” chip.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

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2010-2013 COROLLA WITH KEY IGNITION — ADS-174

Split Year

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2007-2010 COROLLA WITH KEY IGNITION — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT6106	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.On Type 4 lost key situations a “quick reset” feature is available, see last page of this section for details.

1998-2001 CAMRY

Not supported by MVP or TCode. No OBD2 access. Engine must be reprogrammed with EZ Flasher.

2009-2011 COROLLA WITH PROXIMITY START BUTTON IGNITION — ADS- 150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 1	No	No	Not Needed	**A**-Black Or SD

2007-2009 COROLLA WITH KEY IGNITION — ADS-125 OR 150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: For Type 4 lost key situations a “quick reset” feature is available, see last page of this section for details.

2005-2006 COROLLA — ADS- 125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: For Type 4 lost key situations a “quick reset” feature is available, see last page of this section for details.

2011-2013 FJ CRUISER — ADS-174

Split Year

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2010 FJ CRUISER — ADS-174

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.On Type 4 lost key situations a “quick reset” feature is available, see last page of this section for details.
Some 2010 FJ Cruisers do not support an IMMO reset, the IMMO box must be replaced.

2008-2009 FJ CRUISER — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2015 HIGHLANDER WITH PROXIMITY START BUTTON IGNITION — ADS-227

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer PROX Required	PROX 7	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black or **Smart Dongle**

New Software: requires using latest BETA

2008-2009 HIGHLANDER WITH PROXIMITY START BUTTON IGNITION — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2008-2014 HIGHLANDER LE WITH PROXIMITY START BUTTON IGNITION — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required 59904-48110	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

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2007 HIGHLANDER LE WITH PROXIMITY START BUTTON IGNITION — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required 59904-48110	PROX 2	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2013-2015 HIGHLANDER WITH KEY IGNITION — ADS-199

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Head **H** Key 3 Button 89070-0R130 4 Button (power hatch) 89070-0R100	TYPE 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

RKE functions program using Toyota remotes menu type4
IMPORTANT: The "G" chip will NOT substitute for the new "H" chip
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2012-2013 HIGHLANDER WITH KEY IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer **G** Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder system may be optional.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

Split Year

2010-2011 HIGHLANDER WITH KEY IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer **G** Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2008-2010 HIGHLANDER WITH KEY IGNITION — ADS-150

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.On Type 4 lost key situations a "quick reset" feature is available, see last page of this section for details.

2004-2007 HIGHLANDER WITH V6 ENGINE — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2001-2003 HIGHLANDER WITH V6 ENGINE

No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2001-2003 HIGHLANDER WITH 4-CYL ENGINE — ADS-125

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692062 TR47HPT	TOY43-AT4 (4C Chip)	Type 1	No	No	Not Needed	**A**-Black Or SD

2016 LAND CRUISER — ADS-227

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 7	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Different Proximity Remote Fobs are used depending on vehicle production dates.

2008-2015 LAND CRUISER — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Different Proximity Remote Fobs are used depending on vehicle production dates.

2003-2007 LAND CRUISER — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2001-2002 LAND CRUISER — ADS-125

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692062 TR47HPT	TOY43-AT4 (4C Chip)	Type 1	No	No	Not Needed	**A**-Black Or SD

1998-2000 LAND CRUISER

No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

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2010-2013 MATRIX — ADS-174

Split Year

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2008-2010 MATRIX — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.
For lost key situations a “quick reset” feature is available, see last page of this section for details.

2007 MATRIX — ADS-125 OR 150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2 or 4	No	No	Not Needed	**A**-Black Or SD

Note: 2007 was a split year
For lost key situations a “quick reset” feature is available, see last page of this section for details.

2005-2006 MATRIX — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2000-2005 MR2

No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2015-2016 PRIUS C WITH KEY IGNITION — ADS-199

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Head H Key 3 Button 89070-0R130 4 Button (power hatch) 89070-0R100	Type 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder system may be optional.
RKE functions program using Toyota remotes menu type4
IMPORTANT: The “G” chip will NOT substitute for the new “H” chip
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2012-2014 PRIUS C WITH KEY IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder system may be optional.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2010-2016 PRIUS WITH PROXIMITY START BUTTON IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2004-2009 PRIUS WITH SMART ACCESS — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote Toyota Part# 89994-47061	See Notes	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**M** Orange

Note: Smart Access system has small rubber buttons on door handles. Use Toyota Part# 89994-47061. Immobilizer Type 2 for resetting immobilizer ECU. Proximity 5 for programming wireless functions.

For updated procedures see: www.adusa.us See: tech support manuals / Toyota

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

2004-2009 PRIUS No SMART ACCESS System — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Fob Toyota Part# 89070-47180	See Notes	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**M** Orange

Note: Prius models without Smart Access system have No small rubber buttons on door handles. Remote fob must be inserted into slot in the dash to drive car. Immobilizer Type 2 for resetting immobilizer ECU. Proximity 5 for programming wireless functions of Remote fob without Smart Access is still required.

For updated procedures see: www.adusa.us See: tech support manuals / Toyota

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

2000-2003 PRIUS

No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2011-2015 RAV4 WITH PROXIMITY START BUTTON IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: We have had reports that on a RESET if PROX 6 fails then switch to PROX 1 system.

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2009-2010 RAV4 WITH PROXIMITY START BUTTON IGNITION — ADS-150

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 1	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2013-2015 RAV4 WITH KEY IGNITION — ADS-199

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Head **H** Key 3 Button 89070-0R130 4 Button (power hatch) 89070-0R100	TYPE 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

RKE functions program using Toyota remotes menu type4
IMPORTANT: The "G" chip will NOT substitute for the new "H" chip.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

Split Year

2010-2012 RAV4 WITH KEY IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer **G** Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2007-2010 RAV4 WITH KEY IGNITION — ADS-150

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.On Type 4 lost key situations a "quick reset" feature is available, see last page of this section for details.

2006 RAV4 — ADS-125 OR 150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2 or 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder is optional.
Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

2004-2005 RAV4 — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: Transponder is optional. For lost key situations a "quick reset" feature is available, see last page of this section for details.

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2001-2003 RAV4 WITH OPTIONAL TRANSPONDER

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2014-2015 SEQUOIA — ADS- 199

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Head H Key 3 Button 89070-0R130 4 Button (power hatch) 89070-0R100	Type 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2011-2013 SEQUOIA — ADS- 174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2008-2010 SEQUOIA — ADS- 150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2003-2007 SEQUOIA

No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2001-2002 SEQUOIA — ADS- 125

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692062 TR47HPT	TOY43-AT4 (4C Chip)	Type 1	No	No	Not Needed	**A**-Black Or SD

2011-2015 SIENNA WITH PROXIMITY START BUTTON IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2015 SIENNA WITH KEY IGNITION — ADS-199

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer H Key	Type 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder optional, models with charcoal color door handles are usually non-transponder.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

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2011-2014 SIENNA WITH KEY IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder optional, models with charcoal color door handles are usually non-transponder.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2008-2010 SIENNA — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2004-2007 SIENNA — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

1999-2003 SIENNA

No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2008-2009 SOLARA — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2007 SOLARA — ADS-125 OR 150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2 or 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2007 was a split year.
For lost key situations a “quick reset” feature is available, see last page of this section for details.

2004-2006 SOLARA — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2002-2003 SOLARA WITH 4-CYL ENGINE — ADS-125

STRATTEC	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
692062 TR47HPT	TOY43-AT4 (4C Chip)	Type 1	No	No	Not Needed	**A**-Black Or SD

Note: Transponder system was optional. Must check engine size for proper immobilizer system.

2011-2015 TACOMA — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2008-2010 TACOMA — ADS-150

STRATTEC/ HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2005-2007 TACOMA — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A**-Black Or SD

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2016 TUNDRA WITH KEY IGNITION — ADS-199

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Remote Head H Key 3 Button 89070-0R130 4 Button (power hatch) 89070-0R100	Type 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2010-2015 TUNDRA — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

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2007-2010 TUNDRA — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder system was optional.
2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.On Type 4 lost key situations a “quick reset” feature is available, see last page of this section for details.

2009-2014 VENZA WITH PROXIMITY START BUTTON IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer Proximity Remote & Key Required	PROX 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

2010-2014 VENZA WITH KEY IGNITION — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer **G** Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2010 VENZA WITH KEY IGNITION — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: 2010 is a split year. Determine the proper system and which key to use by which system communcates. Only the correct system will communicate the other will not. TYPE5= G key TYPE4= 4D chip key.
For lost key situations a “quick reset” feature is available, see last page of this section for details.

2015-2016 YARIS — ADS-199

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer **H** Key	Type 6	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder system is optional.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2012-2014 YARIS — ADS-174

DEALER	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
Dealer G Key: 89785-08040	Type 5	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder system is optional.
16 MINUTE BYPASS: Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET IMMOBILIZER G & H KEY systems. (Use latest BETA)

2008-2011 YARIS — ADS-150

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 4	A.D. Webcode required if not using Smart Card or Smart Dongle		Not Needed	**A**-Black Or SD

Note: Transponder system is optional.
For lost key situations a "quick reset" feature is available, see last page of this section for details.

2007 YARIS — ADS-125

STRATTEC / HATA	ILCO	SYSTEM	SMART Card	PIN Required	PIN Read	PRO Dongle
5910834 HAT8020	TOY44D-PT (4D Chip)	Type 2	No	No	Not Needed	**A-**Black Or **SD**

Note: Transponder system is optional.
For lost key situations a "quick reset" feature is available, see last page of this section for details.

TOYOTA

Used Toyota/Lexus/Scion Proximity Keys

Prox keys that are not BRAND NEW cannot be simply ADDED.
There is a work around trick that will usually allow you to program in an already used prox.

1. Perform an Immobilizer reset introducing the used key first.
2. Once you have the used key programmed and working use PROGRAM PROX to add back in the original working Prox key(s).

MVP users take note: The above method may not always work 100%.
Brand new keys from a reputable dealer is what we recommend.
These program in 100% without issue.

TYPE 2 and TYPE 4 QUICK RESET

Quick Reset Immo on the special functions menu for Type 2 and for Type 4 was developed in order to save time!
It performs the reset in a lost key situation without waiting thru the 16 or 30 minute security delay that is necessary when selecting the regular reset. On type 4 it also performs the ECU reset that when selecting the older reset is necessary as an additional step.

How to use:

Carefully watch the security light "theft indicator". Almost instantly after selecting Quick Reset immo, the theft light should go solid indicating that immo is now in the "learn mode". However, the car does not always give the tester back the correct signal so it will sometimes say "trying to communicate" or "Communication Failed" but if you watch the security light you should see that it turns solid, indicating the quick reset worked. You may have to switch the ignition OFF and remove the key before the light goes solid.

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NEW FEATURE AVAILABLE FOR SMART DONGLE OWNERS!

TOYOTA SMART DONGLE RESET (16 minute bypass):
Testers equipped with Smart Dongle and ADS-174 & ADS-199 can now bypass the 16 min wait on RESET TOYOTA IMMOBILIZER TYPE 5 & TYPE 6 (G & H KEY systems. Use latest BETA)