



ADVANCED DIAGNOSTICS USA, INC.

MVP PRO / TCODE PRO 2015 Key Look-Up Guide



2015 Version-1

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 | 2006 = 6 |
| 1997 = V | 2007 = 7 |
| 1998 = W | 2008 = 8 |
| 1999 = X | 2009 = 9 |
| 2000 = Y | 2010 = A |
| 2001 = 1 | 2011 = B |
| 2002 = 2 | 2012 = C |
| 2003 = 3 | 2013 = D |
| 2004 = 4 | 2014 = E |
| 2005 = 5 | 2015 = F |
| Example- 1N4AL3AP0D451923 D= 2013 model year | |

Example-

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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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 column 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

| STRATTEC | 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 |

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

| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--|------|----------------|------------|--------------------------------------|----------|-------------------|
| Dealer Key with "G" stamped on blade is required | | Type 13 | Yes | Smart Card or A.D. Webcode required. | | A Black |

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 |

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 |

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 |

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 CIVIC (HONDA) PROXIMITY TYPE IGNITIONS ADS-193

| STRATTEC | 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 |

2014 CIVIC (HONDA) KEY TYPE IGNITIONS ADS-193

| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--|------|----------------|------------|--------------------------------------|----------|-------------------|
| Dealer Key with "G" stamped on blade is required | | Type 13 | Yes | Smart Card or A.D. Webcode required. | | A Black |

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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 2013-2014 CROSSTOUR (HONDA) KEY TYPE IGNITIONS | | | | | | | ADS-166 |
| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle | |
| Dealer Key with "G" stamped on blade is required | | Type 13 | Yes | Smart Card or A.D. Webcode required. | | A Black | |
| Note: Vehicle also uses a Remote Head key from the factory. | | | | | | | |
| 2013-2014 CROSSTOUR (HONDA) PROXIMITY TYPE IGNITIONS | | | | | | | ADS-193 |
| STRATTEC | 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 | |

Acura / Honda

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 |

2014 CRV (HONDA) KEY TYPE IGNITIONS ADS-166

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|------|-------------------|------------|--|----------|-------------------|
| Dealer Key with "G" stamped on blade is required | | Type 13 | Yes | Smart Card or A.D. Webcode required. | | A Black |

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 |

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 |

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 |

2011-2012 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 |

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 |

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 |

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 |

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 |

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

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 |

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 |

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

2009-2013 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 |

Note: Strattec, , Bianchi or Ilco after-market "V" chip will work as a replacement to the factory "L" chip.
- You cannot use a factory "V" chip on this car.

Split Year

Acura / Honda

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 |

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

Acura / Honda

2013-2014 ILX - PROXIMITY (ACURA) ADS-193

| STRATTEC | 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 |

Note: Strattec, , Bianchi or Ilco 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 |

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".

| 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 |

| 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 |

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 |

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

| 2014 ODYSSEY (HONDA) PROXIMITY TYPE IGNITIONS | | | | | | ADS-193 |
|---|------|-------------------------------------|------------|--|----------|-------------------|
| STRATTEC | 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 |

| 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 |

| 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 |

Acura / Honda

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 |

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 |

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

2009-2014 PILOT (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 |

2006-2008 PILOT (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 |

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 |

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 |

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 |

Acura / Honda

Split Year

| 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 |
| Note: See Honda Type 1 Section - for more information. Replacement Immobilizer Box may be required. | | | | | | |
| 2013-2014 RDX - PROXIMITY (ACURA) | | | | | | ADS-193 |
| STRATTEC | 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 |
| 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 |
| 2010-2012 RL (ACURA) KEY PROGRAMMING | | | | | | ADS-110 |
| STRATTEC | 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. | | | | | | |
| 2005-2009 RL (ACURA) KEY PROGRAMMING | | | | | | ADS-110 |
| STRATTEC | 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 |
| Note: Mechanical Ignition lock can be accessed by removing (un-snap) the Prox "Twist" Knob. | | | | | | |

Acura / Honda

2007-2012 RL (ACURA) PROXIMITY PROGRAMMING**ADS-193**

| STRATTEC | 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**

| STRATTEC | 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 |

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 |

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 |

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 |

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

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 |

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 |

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

2009-2012 TL (ACURA) PROXIMITY TYPE IGNITIONS

ADS-193

| STRATTEC | 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.

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 |

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 |

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

Acura / Honda

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 |

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 |

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 |

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

2010-2013 ZDX (ACURA) PROXIMITY TYPE IGNITIONS ADS-193

| STRATTEC | 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 |

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!

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 |

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)

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 |

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 |

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 |

2012-2014 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 |

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 or Pre-Code HU66T24 with AD900 | Select by Vehicle VAG Type 3 | Yes | Yes | By Engine Code Gas engines use BPR | A Black |

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

Split Year

AUDI / VOLKSWAGEN

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 | By Engine Code See Note | A Black |

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 |

Note: AD-900 or EZ Flasher can read PIN from IMMO box EEPROM. Check Programming Section for more info about Pin Read and Engine codes.

2007-2008 EOS (VOLKSWAGEN)

ADS-146

| ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--|---------------------------|------------|--------------|----------------|------------|
| Dealer Key ordered by VIN or Pre-Code HU66T24 with AD900 | Select by Vehicle VAG CAN | Yes | Yes | By Engine Code | A Black |

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

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 |

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)

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 |

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

2006-2008 GOLF / RABBIT (VOLKSWAGEN)

ADS-146

| ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--|---------------------------|------------|--------------|----------------|------------|
| Dealer Key ordered by VIN or Pre-Code HU66T24 with AD900 | Select by Vehicle VAG CAN | Yes | Yes | By Engine Code | A Black |

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

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 |

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 |

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 |

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)

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 |

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

2006-2008 JETTA (VOLKSWAGEN)

ADS-146

| ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--|---------------------------|------------|--------------|----------------|------------|
| Dealer Key ordered by VIN or Pre-Code HU66T24 with AD900 | Select by Vehicle VAG CAN | Yes | Yes | By Engine Code | A Black |

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

AUDI / VOLKSWAGEN

Audi - Volkswagen

AUDI / VOLKSWAGEN

Split Year

| 2005 JETTA (VOLKSWAGEN) NEWER BODY STYLE | | | | | | ADS-115 |
|--|---------------------------|------------|--------------|----------------|------------|---------|
| ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle | |
| Dealer Key ordered by VIN or Pre-Code HU66T24 with AD900 | Select by Vehicle VAG CAN | Yes | Yes | By Engine Code | A Black | |
| Note: Use CAN Type 1 | | | | | | |

| 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 |
| 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 |
| 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 |

| 2011-2012 PASSAT (VOLKSWAGEN) WITH KEYED IGNITION | | | | | | ADS-219 |
|--|---------|--------------------|------------|--------------|------------|------------|
| ONLY SPARE KEY PROGRAMMING IS POSSIBLE. <u>CANNOT</u> 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 |
| 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) | | | | | | |

Audi - Volkswagen

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 |

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 |

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 or Pre-Code HU66T24 with AD900 | Select by Vehicle VAG CAN | Yes | Yes | By Engine Code | A Black |

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

2011-2014 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 |

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 |

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 | Yes | Yes 4-Digit PIN | Possible See Note | A Black |

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

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 |

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 |

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 |

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 |

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!

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 | A Black |

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

2011-2014 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 |

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 |

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 Original | Yes | Yes | with FOBIK Software | A Black |

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 | A Black |

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 | A Black |

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 |

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

Split Year

CHRYSLER

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 | A Black |

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 | A Black |

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 |

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 | A Black |

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 |

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 |

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 | A Black |

CHRYSLER

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 | C Green |

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 |

Note: Transponder system was optional.

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 |

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 |

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.

2011-2014 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 |

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 |

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 Original | Yes | Yes | with FOBIK Software | A Black |

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 | A Black |

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

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 | A Black |

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

2014 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 |

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 |

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 |

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

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 Original | Yes | Yes | with FOBIK Software | A Black |

Split Year

CHRYSLER

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 | A Black |

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 | A Black |

2007-2015 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 | A Black |

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 |

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 | A Black |

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 | A Black |

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 |

CHRYSLER

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 |

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 |

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 |

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 |

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 | A Black |

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 | A Black |

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

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 | A Black |

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

CHRYSLER

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 |

2014 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 |

2011-2013 GRAND CHEROKEE (JEEP)

ADS-178

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

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 FOBK or use POD Key 5909874 / HAT3740 / Y170-PT | | FOBK A or B | Yes | Yes | with FOBK Software | G Tan |

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

2008 GRAND CHEROKEE (JEEP)

ADS-156

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|------|-------------------|------------|--------------|--------------------------|------------|
| OEM FOBK or use POD Key 5909874 / HAT3740 / Y170-PT | | Fobik Original | Yes | Yes | with FOBK Software | A Black |

Note: A Emergency "POD" key may be substituted for the FOBK 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 | A Black |

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 | A Black |

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 |

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 |

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

2011-2014 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 |

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 |

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 |

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 | A Black |

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 | C Green |

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

CHRYSLER

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 |

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 Original | Yes | Yes | with FOBIK Software | A Black |

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 | A Black |

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 | A Black |

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 |

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 | A Black |

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 |

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

Split Year

CHRYSLER

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 | A Black |

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 | A Black |

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 |

Note: Transponder system was optional.

2013-2014 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 |

Note: Need Dealer PIN. No PIN Read.

2013-2015 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 |

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 |

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 | A Black |

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

CHRYSLER

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 | A Black |

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 |

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 |

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 | A Black |

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 | A Black |

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

CHRYSLER

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 | A Black |

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 |

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 | A Black |

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 |

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 |

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 Bianchi 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 | A Black |

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

CHRYSLER

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 |

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 |

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

2011-2014 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 |

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.

2011-2014 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 |

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 |

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 | A Black |

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 |

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

CHRYSLER

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 |

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 |

Note: Transponder system was optional.**2007-2014 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 | A Black |

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 |

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 |

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

CHRYSLER

| 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 |
| Note: Remote programs in along with transponder. | | | | | |

2003-2006 AVIATOR (LINCOLN)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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 |
| STEP #2 | Proximity Functions | NO | Requires 10min | L Pink |

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 |
| STEP #2 | Transponder Functions | NO | Requires 10min | G Tan |

Perform the L dongle procedure first on C-MAX

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

ADS-209

| STRATTEC / HATA / | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|----------------------|------------|--------------|---------------|-----------------|
| 5915327 HAT237 | Select by Vehicle | Yes | No | NO | G Tan |

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 |

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 |

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

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 |

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 |

2005-2011 CROWN VICTORIA (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

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 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

Split Year

Ford - Lincoln - Mercury

2010-2013 E SERIES VAN (FORD) ECONOLINE

ADS-172

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------------|------------|--------------|----------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

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 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*Select PATS 5 if using Bypass

Note: Transponder system was optional.

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 |

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 |

2010 EDGE (FORD)

ADS-172

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------------|------------|--------------|----------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

2007-2009 EDGE (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*Select PATS 5 if using Bypass

| 2013-2014 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 | |
| STEP #2 | Proximity Functions | | NO | Requires 10min | L Pink | |
| VERY IMPORTANT: Please consult new section of users manual online at MvpTcodesupport.Com for proper procedures. | | | | | | |
| 2014 ESCAPE (FORD) WITH KEY TYPE IGNITION | | | | | | ADS-209 |
| STRATTEC / HATA | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle | |
| 5915327 HAT237 | Select by Vehicle | Yes | No | NO | G Tan | |
| 2013 ESCAPE (FORD) WITH KEY TYPE IGNITION | | | | | | ADS-175 |
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
| 5915327 HAT237 | H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | G Tan |
| 2009-2012 ESCAPE (FORD) | | | | | | ADS-100 |
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
| 599114 HAT9114 | H84-PT or H92-PT | PATS 5 | Yes | No | 10 MIN Wait | A Black |
| 2008-2012 ESCAPE HYBRID (FORD) | | | | | | ADS-172 |
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
| 599114 HAT9114 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |
| 2008 ESCAPE (FORD) | | | | | | ADS-100 |
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5 * | Yes | No | Yes with SMC & ADS133 | A Black |
| *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 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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 |

2015 EXPEDITION (FORD) WITH KEY TYPE IGNITION

ADS-100

| 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 |

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 | H84-PT or H92-PT | PATS 5 | Yes | No | Yes with SMC & ADS133 | A Black |

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 | H84-PT or H92-PT | PATS 5 | Yes | No | 10 MIN Wait | A Black |

2007-2008 EXPEDITION (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO DONGLE |
|-------------------|------------------------|-----------------|------------|--------------|-----------------------------|------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5 * | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

2003-2004 EXPEDITION (FORD) ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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 |

2011-2014 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 |

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

2011-2015 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 |

2010 EXPLORER (FORD) ADS-172

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|------------------------|----------------------|------------|--------------|----------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

2006-2009 EXPLORER (FORD) ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*Select PATS 5 if using Bypass

Ford - Lincoln - Mercury

2004-2005 EXPLORER (Ford)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

2001-2003 EXPLORER (Ford)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 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). If they 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.

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 |

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 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

Ford - Lincoln - Mercury

Split Year

2007-2009 EXPLORER SPORT TRAC (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*Select PATS 5 if using Bypass

2001-2003 EXPLORER SPORT TRAC (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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.

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 |

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 |

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

Split Year

Ford - Lincoln - Mercury

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 |

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 | H84-PT or H92-PT | PATS 5 | Yes | No | Yes with SMC & ADS133 | A Black |

2004-2008 F150 (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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 |

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 |

2011-2014 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 |

2015- F250 Super Duty has been reported as unchanged from 2014.

2010 F250 / F350 / F450 / F550 SUPER DUTY (FORD)

ADS-172

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|------------------------|----------------------|------------|--------------|----------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

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 | H84-PT or H92-PT | PATS 5 | Yes | No | Yes with SMC & ADS133 | A Black |

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 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

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 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 |

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 |

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

2014-2015 FIESTA (FORD) WITH KEY TYPE IGNITION

ADS-209

| STRATTEC / HATA / | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|----------------------|------------|--------------|---------------|-----------------|
| 5915327 HAT237 | Select by Vehicle | Yes | No | NO | G Tan |

| 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 | |
| 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 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |
| 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 | |
| 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 | |
| 2010-2012 FLEX (FORD) | | | | | | ADS-172 |
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO DONGLE |
| 599114 HAT9114 | H84-PT or H92-PT | PATS 5 | Yes | No | Yes with SMC & ADS133 | A Black |
| 2009 FLEX (FORD) | | | | | | ADS- 100 |
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO DONGLE |
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |
| *Select PATS 5 if using Bypass | | | | | | |

2014 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 |
| STEP #2 | Proximity Functions | | NO | Requires 10min | L Pink |

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 |
| STEP #2 | Proximity Functions | | NO | Requires 10min | L Pink |

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

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

| STRATTEC / HATA / | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|-------------------|------------|--------------|---------------|-----------------|
| 5915327 HAT237 | Select by Vehicle | Yes | No | NO | G Tan |

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

| STRATTEC / HATA / | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|-------------------|------------|--------------|-------------|-----------------|
| 5915327 HAT237 | Select by Vehicle | Yes | No | 10 MIN Wait | G Tan |

2008-2011 FOCUS (FORD) ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 5 | Yes | No | 10 MIN Wait | A Black |

Ford - Lincoln - Mercury

2006-2007 FOCUS (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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 |

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 |

2004-2007 FREESTAR (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | 2004-05 PCM ----- 2006-07 PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

2005-2007 FREESTYLE (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | 2004-05 PCM ----- 2006-07 PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

Note: Erase Only (2 Keys Required)

Requires Web Access, a Advanced-Diagnostics.Com login and a valid NASTF L.S.I.D.

AD Q/R Reader App for Smart Phones is highly recommended. See www.adusa.us for more info & instructions

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 |

Note: Erase Only (2 Keys Required)
 Requires Web Access, a Advanced-Diagnostics.Com login and a valid NASTF L.S.I.D.
 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 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

2010-2012 FUSION HYBRID (FORD) **ADS-172**

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|------------------------|-------------------|------------|--------------|-------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

2006-2009 FUSION (FORD) **ADS-100**

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|-------------|------------|--------------|-----------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

2003-2004 GRAND MARQUIS (MERCURY) **ADS- 100**

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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 |

2003-2006 LS (LINCOLN)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | ICM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

2003-2004 MARAUDER (MERCURY)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

2009-2011 MARINER (MERCURY)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 5 | Yes | No | Yes with SMC & ADS133 | A Black |

2008 MARINER (MERCURY)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

2008-2008 MARK LT (LINCOLN)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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)

ADS-172

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|------------------------|----------------------|------------|--------------|----------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

2006-2009 MILAN (MERCURY)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|----------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | 10 MIN Wait | A Black |

*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 |

Note: Requires Web Access, including a Advanced-Diagnostics.com login & a valid NASTF L.S.I.D. Advanced Diagnostics Q/R Reader app recommended. See www.adusa.us for more info & instructions

Ford - Lincoln - Mercury

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 |

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 |

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 |

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 |

2007-2010 MKX (LINCOLN)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | |

Note: Requires Web Access, including a Advanced-Diagnostics.com login & a valid NASTF L.S.I.D.
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 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

2007-2009 MKZ (LINCOLN)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | 2005-06 PATS 3 ----- 2007 PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | 2004-05 PCM ----- 2006-2007 PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

2010-2010 MOUNTAINEER (MERCURY)

ADS-172

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|------------------------|----------------------|------------|--------------|----------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

2004-2009 MOUNTAINEER (MERCURY)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|---|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | 2004-05 PATS 3 ----- 2006-09 PATS 4 | Yes | No | Yes with SMC & ADS133 | A Black |

*2006-2009-Select PATS 5 if using Bypass

Ford - Lincoln - Mercury

2001-2003 MOUNTAINEER (MERCURY)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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.

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 |

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 |

Note: Erase Only (2 Keys Required)
Requires Web Access, a Advanced-Diagnostics.Com login and a valid NASTF L.S.I.D.
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 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

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

Ford - Lincoln - Mercury

Split Year

2005-2009 MUSTANG (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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 |

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 |

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 |

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

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 |

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 |

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

Split Year

Split Year

Ford - Lincoln - Mercury

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 |

2012-2014 NAVIGATOR (LINCOLN)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|------------------------|-----------|------------|--------------|-----------------------------|------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 5 | Yes | No | Yes with SMC & ADS133 | A Black |

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 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

2007-2008 NAVIGATOR (LINCOLN)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------------|------------|--------------|-----------------------------|------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 *5 | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

2003-2004 NAVIGATOR (LINCOLN)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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 |

2007-2011 RANGER (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

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 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

2000-2003 SABLE (MERCURY)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

Note: Transponder system is optional.

Ford - Lincoln - Mercury

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 |

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 |
|--|-------------------|------------|--------------|-------------|------------------|
| <i>Prox-</i> 5921285 (4BTN) 5921286 (5BTN) 5912345 - Key | Select by Vehicle | Yes | No | 10 MIN Wait | L Pink |

2010-2012 TAURUS (FORD) WITH PROXIMITY START BUTTON IGNITION

ADS-172

| STRATTEC | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--|-------------------|------------|--------------|-------------|------------------|
| 5914119 - <i>Prox & Key</i> 5914118 - <i>Prox</i> 5911175 - <i>Key</i> | Select by Vehicle | Yes | No | 10 MIN Wait | L Pink |

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 |

2010-2012 TAURUS (FORD) WITH KEY TYPE IGNITION

ADS-172

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|------------------------|-------------------|------------|--------------|-------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | Select by Vehicle | Yes | No | 10 MIN Wait | A Black |

2008-2009 TAURUS (FORD)

ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|-----------------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5 * | Yes | No | Yes with SMC & ADS133 | A Black |

*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 | H84-PT or H92-PT | PATS 5 | Yes | No | Yes with SMC & ADS133 | A Black |

Ford - Lincoln - Mercury

| 2004-2007 TAURUS (FORD) | | | | | | ADS-100 |
|--|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
| 599114 HAT9114 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |
| 2000-2003 TAURUS (FORD) | | | | | | ADS-100 |
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |
| 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 |
| 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 |
| 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 | H84-PT or H92-PT | ICM | Yes | No | Yes with SMC & ADS133 | A Black |
| 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 |
| 2005-2011 TOWN CAR (LINCOLN) | | | | | | ADS-100 |
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
| 599114 HAT9114 | H84-PT or H92-PT | PATS 3 | Yes | No | Yes with SMC & ADS133 | A Black |

Ford - Lincoln - Mercury

2003-2004 TOWN CAR (LINCOLN) ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|--------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

2014 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 |

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 |

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 | H84-PT or H92-PT | PCM | Yes | No | Yes with SMC & ADS133 | A Black |

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 |

2006 ZEPHYR (LINCOLN) ADS-100

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|-------------------|
| 599114 HAT9114 | H84-PT or H92-PT | PATS 4 / 5* | Yes | No | Yes with SMC & ADS133 | A Black |

*Select PATS 5 if using Bypass

Ford - Lincoln - Mercury

2007-2015 ACADIA (GMC)

ADS-139

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

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 | No | Yes | Dealer Pin Required | A Black | |

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 |

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 | No | No | Not Needed | K Brown |

2001-2003 AURORA (OLDSMOBILE)

ADS-138

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

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 | No | No | Not Needed | K Brown |

2001-2005 AZTEK (PONTIAC)

ADS-138

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

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.

2000-2005 BONNEVILLE (PONTIAC)

ADS-138

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

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.

2013-2014 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 |

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 |

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 |

2015 CANYON 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 |

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

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 | No | No | Not Needed | K Brown |

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 | Optional Software ADS-129 | A Black |

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 | No | No | Not Needed | K Brown |

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 |

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 |

2014-2015 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 | K Brown |

Note: Immo system changed in 2014. For Prox programming select 2014-15 from V11.85 or higher, if using a lower version, select Cadillac ATS / Program Prox. Pin read is same as earlier years.

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 | K Brown |

2011-2015 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 | K Brown |

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 |

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 |

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 | No | No | Not Needed | K Brown |

2003-2007 CTS (CADILLAC) ADS-139

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

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 | No | No | Not Needed | K Brown |

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 | No | No | Not Needed | K Brown |

2010-2015 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 |

*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 | No | No | Not Needed | K Brown |

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 |

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

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

| 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 | No | No | Not Needed | K Brown | |
| 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 | No | No | Not Needed | K Brown | |
| 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 | No | No | Not Needed | K Brown | |
| 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 | No | No | Not Needed | K Brown | |
| 2008-2009 G8 (PONTIAC) | | | | | | ADS-139 |
| OEM / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle | |
| Dealer Remote Head Key HAT2789 | Type 4 | No | No | Not Needed | K Brown | |
| 2004-2008 GRAND PRIX (PONTIAC) | | | | | | ADS-139 |
| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| 5902386 HAT367 | PT04-PT | Type 3 | No | No | Not Needed | C Green |
| 2000-2003 GRAND PRIX (PONTIAC) | | | | | | ADS-138 |
| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| 690556 | BT03-PT | Type 1 | No | No | Not Needed | C Green |
| 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. | | | | | | |

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

| 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 | No | No | Not Needed | C Green |
| 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 | No | No | Not Needed | K Brown |
| 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 |
| 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 |
| 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 | No | No | Not Needed | K Brown |
| 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 |
| See www.advanced-diagnostics.com I/Q App for more info on Pin Reading | | | | | |

| 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 |
| 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 |

| 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 |

| 2005-2009 LACROSSE (BUICK) | | | | | | ADS-139 |
|----------------------------|---------|-------------------|------------|--------------|------------|------------|
| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| 5902386 HAT367 | PT04-PT | Select by Vehicle | No | No | Not Needed | K Brown |

| 2000-2005 LESABRE (BUICK) | | | | | | ADS-138 |
|---------------------------|--------|--------|------------|--------------|------------|------------|
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| 692952 B99HPT | B99-PT | Type 1 | No | No | Not Needed | C Green |

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 | No | No | Not Needed | K Brown | |

| 2013-2015 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 |
| See www.advanced-diagnostics.com I/Q App for more info on Pin Reading | | | | | |

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

2013 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 | No | No | Not Needed | K Brown |

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 | No | No | Not Needed | K Brown |

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 | No | No | Not Needed | K Brown |

Note: Check model for keyway used.

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 | No | No | Not Needed | K Brown |

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 | No | No | Not Needed | C Green |

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 | No | No | Not Needed | K Brown |

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 | No | No | Not Needed | K Brown |

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

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 | No | No | Not Needed | C Green |

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 |
| 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 |

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 |

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 |

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 | No | No | Not Needed | K Brown |

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 | No | No | Not Needed | K Brown |

Note: Check model for keyway used.

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

2002-2007 RENDEZVOUS (BUICK)

ADS-138

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

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.

2008-2013 SAVANA (GMC)

ADS-139

| STRATTEC / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|------------------------|-------------------|------------|--------------|------------|-------------------|
| B111-PT B107CP | Select by Vehicle | No | No | Not Needed | K Brown |

1998-2004 SEVILLE (CADILLAC)

ADS-138

| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|------------------|--------|--------|------------|--------------|------------|-------------------|
| 690898 B99HPT | B99-PT | Type 1 | No | No | Not Needed | C Green |

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 |

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 | No | No | Not Needed | K Brown |

1999-2004 SILHOUETTE (OLDSMOBILE)

ADS-138

| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|----------|--------|--------|------------|--------------|------------|-------------------|
| 690552 | B97-PT | Type 1 | No | No | Not Needed | C Green |

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.

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

| 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 |
| 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 | No | No | Not Needed | K Brown |
| 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 | No | No | Not Needed | K Brown |
| 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 | No | No | Not Needed | K Brown |
| 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 |
| 2013-2014 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 |
| 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 |
| 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 |

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

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 | No | No | Not Needed | K Brown |

2004-2006 SRX (CADILLAC)

ADS-138

| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|----------|------|-------------------|------------|--------------|------------|-------------------|
| 692383 | | Select by Vehicle | No | No | Not Needed | C Green |

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 |

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 |

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 | No | No | Not Needed | K Brown |

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 |

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 |

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

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

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

| 2007-2013 TAHOE (CHEVY) | | | | | ADS-139 |
|--|-------------------|------------|--------------|------------|------------|
| STRATTEC / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| Strattec: 692931 ⊕ B111-PT / B107CP | Select by Vehicle | No | No | Not Needed | K Brown |

| 2010-2013 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 |

| 2005-2007 TERRAZA (BUICK) | | | | | | ADS-139 |
|---------------------------|--------|-------------------|------------|--------------|------------|------------|
| STRATTEC | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| 690552 | B97-PT | Select by Vehicle | No | No | Not Needed | K Brown |

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 | No | No | Not Needed | K Brown |

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 | No | No | Not Needed | K Brown |

| 2009-2013 TRAVERSE (CHEVY) | | | | | ADS-139 |
|---|-------------------|------------|--------------|------------|------------|
| STRATTEC / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| Strattec: 692931 ⊕ B111-PT B107CP | Select by Vehicle | No | No | Not Needed | K Brown |

Split Year

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

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 | No | No | Not Needed | K Brown |

Note: Check model for which keyway used.

2005-2008 UPLANDER (CHEVY)

ADS-139

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

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 | No | No | Not Needed | C Green |

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 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 |

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

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 |

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 |

Split Year

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

2008-2010 VIBE (PONTIAC) ADS-150

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--------------------|------------------------|----------|------------|--------------|------------|-------------------|
| 5910834 HAT8020 | TOY44D-PT (4D Chip) | TOY 2007 | Yes | No | Not Needed | A Black |

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 |

Prox Learning slot is located in compartment center of dash.

2014-2015 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 |

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 | No | No | Not Needed | K Brown |

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 |

2007-2009 XL7 (SUZUKI) ADS-139

| STRATTEC / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--|----------------------|------------|--------------|------------|-------------------|
| Strattec: 5903089 B111-PT B107CP | Select by Vehicle | No | No | Not Needed | K Brown |

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 |

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

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

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 |

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 |

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 | No | No | Not Needed | K Brown |

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 | No | No | Not Needed | K Brown |

GM - Buick / Cad / Chevy / GMC / Olds / Pontiac / Saturn

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 |

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 |

Note: This is for Canadian models.

2005-2009 ALLURE (BUICK) ADS-139

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|------------------|---------|-------------------|------------|--------------|------------|-------------------|
| 691205 HAT367 | PT04-PT | Select by Vehicle | No | No | Not Needed | K Brown |

Note: This is for Canadian models.

2008-2012 CANYON (GMC) ADS-139

| HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---------|------|--------------------------|------------|--------------|------------|-------------------|
| HAT7217 | N/A | Select by Vehicle Type 4 | No | No | Not Needed | C Green |

Note: U.S. Models are not transponder equipped.

2008-2012 COLORADO (CHEVY) ADS-139

| HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---------|------|--------------------------|------------|--------------|------------|-------------------|
| HAT7217 | N/A | Select by Vehicle Type 2 | No | No | Not Needed | C Green |

Note: U.S. Models are not transponder equipped.

2008-2009 ENVOY (GMC) ADS-138

| DEALER | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------|------|-------------|------------|--------------|------------|-------------------|
| OEM15770619 | N/A | Type 2 or 3 | No | No | Not Needed | C Green |

Note: U.S. Models are not transponder equipped.

GM - Canadian Models

2008-2009 H3 (HUMMER)

ADS-138

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|--------|------------|--------------|------------|-------------------|
| Dealer Key is Required GM Part# 19167217 (Chevrolet Logo) | Type 2 | No | No | Not Needed | C Green |

Note: U.S. Models are not transponder equipped.

2006-2009 PURSUIT (PONTIAC)

ADS-139

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

2008-2009 TRAILBLAZER (CHEVY)

ADS-139

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--------------|--------|------------|--------------|------------|-------------------|
| OEM 15770619 | Type 2 | No | No | Not Needed | C Green |

Note: U.S. Models are not transponder equipped.

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.

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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith.

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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith.

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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith.

2013 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith.

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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith.

HYUNDAI

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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. Optional proximity system.

2013-2014 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith.

2014-2015 SONATA HYBRID 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. Optional proximity system.

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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. Optional proximity system.

HYUNDAI

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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. Canadian models only.

2012-2013 ELANTRA GT 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith.

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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith.

HYUNDAI

2013 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. 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 |

Note: PIN Code required from Hyundai dealer or NASTF approved locksmith. Canadian models only.

HYUNDAI

Infiniti - Nissan

Covert BCM numbers to Pin Codes quickly & easily using our ADC-198 dongle on your PRO.



(optional equipment)

ADC-198 DONGLE

FOR MVP PRO
&
T-CODE PRO

NISSAN / INFINITI
BCM CONVERSION
DONGLE
Covers 2003-2012
OLD/NEW



Infiniti - Nissan

MAJOR INFINITI-NISSAN UPGRADE ON 11.70 BETA

Most of our Infiniti-Nissan systems have recently received a major upgrade to make them much more user friendly. 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.

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 | Yes | Use BCM Conversion | 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 | Yes | Use BCM Conversion | A Black |

Note: 2007 was a split year. Some 2007 models are TYPE 4 and some are TYPE 9 CAN.

2009-2014 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 | Yes | Use BCM Conversion | G Tan |

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2013-2015 ALTIMA 4-DOOR (NISSAN) WITH PROXIMITY START BUTTON IGNITION ADS-197

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|---|------------|--------------------------------------|----------|-----------------|
| Dealer Proximity Remote & Key Required | USE BETA N. AMERICA BY VEHICLE | Yes | 20-Digit Rolling Code | NO | G Tan |

This model uses a NEW system that requires a DEALER PIN CODE available thru N.A.S.T.F.

2013 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 | Yes | Use BCM Conversion | G Tan |

2-Door models of 2013 Altima still use the older system.
If the vehicle has a programming port it uses the Type 10 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 | Yes | Use BCM Conversion | 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 |

Infiniti - Nissan

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 |

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 | 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 |
|---|---|------------|--------------|-----------------------|-----------------|
| Dealer Proximity Remote & Key Required | USE BETA N. AMERICA BY VEHICLE | Yes | Yes | Use BCM Conversion | G Tan |

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.**2008-2010 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 | 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 |

2009-2013 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 | G Tan |

2009-2013 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 | 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 | 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 | 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 |

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 | G Tan |

BCM CONVERSION - Infiniti & Nissan models require a PIN CODE converted from the vehicles BCM serial number. Use Advanced Diagnostics "Code Wizard PC Software" or ADC-198 BCM Code Dongle for PRO units. (shown on right)



Infiniti - Nissan

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 | G Tan |

Note: 2003-2007 Models use TYPE 4 immobilizer to program the E-KEY/S.

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 | 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 |

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 |

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 | 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 | 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 |

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 | 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 | G Tan |

Note: 2005-2006 Models use TYPE 4 immobilizer to program the E-KEY/S.

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 |

2008-2013 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 | 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 | 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 |

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.
ILCO keys are Not pre-cloned.

2011-2013 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 | G Tan |

Infiniti - Nissan

2011-2013 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 | G Tan |

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2013-2014 JX35 (INFINITI) WITH PROXIMITY START BUTTON IGNITION ADS-197

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|---|------------|--|-----------|-----------------|
| Dealer Proximity Remote & Key Required | USE BETA N. AMERICA BY VEHICLE | Yes | Random Rolling 20-digit | NO | G Tan |

This model uses a NEW system that requires a DEALER PIN CODE available thru N.A.S.T.F.

2011-2014 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 | 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 | 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 | Yes | Yes | Use BCM Conversion | A Black |

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 |

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 | G Tan |

Infiniti - Nissan

2009-2014 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 | 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 | 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 |

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 | G Tan |

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 |

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. ILCO keys are Not pre-cloned.

Infiniti - Nissan

| 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 | G Tan | |
| <p>Note: All 2009-2013 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.</p> | | | | | | |
| 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 | G Tan | |
| <p>Note: 2005-2007 Models use TYPE 4 immobilizer to program the E-KEY/S.</p> | | | | | | |
| 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 |
| 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 | G Tan |
| <p>Note: Transponder System was optional.</p> | | | | | | |
| 2013-2014 PATHFINDER (NISSAN) WITH PROXIMITY START BUTTON IGNITION | | | | | ADS-197 | |
| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle | |
| Dealer Proximity Remote & Key Required | USE BETA N. AMERICA BY VEHICLE | Yes | 20-Digit Rolling Code | NO | G Tan | |
| <p>This model uses a NEW system that requires a DEALER PIN CODE available thru N.A.S.T.F.</p> | | | | | | |
| 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 | G Tan | |

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 | 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 |

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 |

Infiniti - Nissan

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 with 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 |

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 | 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 | 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 |

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 |

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 with the OLD style port, NOT the OBD2 port.

2014 Q50 / QX50 (INFINITI) WITH PROXIMITY START BUTTON IGNITION ADS-197

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--|--------------------------------|------------|-------------------------|----------|------------|
| Dealer Proximity Remote & Key Required | USE BETA N. AMERICA BY VEHICLE | Yes | Random Rolling 20-digit | NO | G Tan |

This model uses a NEW system that requires a DEALER PIN CODE available thru N.A.S.T.F.

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 | G Tan |

Infiniti - Nissan

| 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 | 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 |

| 2014 QX60 (INFINITI) WITH PROXIMITY START BUTTON IGNITION | | | | | ADS-197 |
|---|---|------------|-----------------------------|----------|-----------------|
| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| Dealer Proximity Remote & Key Required | USE BETA N. AMERICA BY VEHICLE | Yes | 20-Digit Rolling Code | NO | G Tan |

This model uses a NEW system that requires a DEALER PIN CODE available thru N.A.S.T.F.

| 2014 QX70 (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 | G Tan |

| 2014 ROGUE (NISSAN) WITH PROXIMITY START BUTTON IGNITION | | | | | ADS-197 |
|--|--------------|------------|-----------------------------|----------|-----------------|
| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| Dealer Proximity Remote & Key Required | SEE BELOW | Yes | 20-Digit Rolling Code | NO | G Tan |

This model uses a NEW system that requires a DEALER PIN CODE available thru N.A.S.T.F.

| 2014 ROGUE (NISSAN) WITH KEY IGNITION | | | | | ADS-197 |
|---|--------------|------------|-----------------------------|----------|-----------------|
| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| Dealer Proximity Remote & Key Required | SEE BELOW | Yes | 20-Digit Rolling Code | NO | G Tan |

This model uses a NEW system that requires a DEALER PIN CODE available thru N.A.S.T.F.

This vehicle was added to the BY VEHICLE menu on BETA 11.91

| 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 | G Tan |

A 2014 ROGUE "SELECT" MODEL is available, these STILL USE A BCM BASED SYSTEM.

Infiniti - Nissan

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 | G Tan |

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

2013-2015 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 | 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 | 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 | G Tan |

Note: 2009+ models use the newer BCM conversion. Convert using ADC-198 dongle or CodeWizard.

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 |

Note: Transponder System was optional.

2008-2014 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 | 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 |

Note: Transponder System was optional.

2013-2014 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 | 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 | 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 | 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 | 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 |

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 |

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 num- ber required | A Black |

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 |

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 |

Note: PIN Code required from Isuzu.

ISUZU

2003-2008 S-TYPE

ADS-151

| ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|--------|---|--------------|------------|-------------------|
| Bianchi: BJAG2-PT | S-Type | A.D. Webcode required if not using Smart Card | | Not Needed | A Black |

2000-2002 S-TYPE

ADS-100

| ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|----------|---|--------------|------------|-------------------|
| Bianchi: BJAG2-PT | HEC Ford | A.D. Webcode required if not using Smart Card | | Not Needed | A Black |

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

| ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------|-------------------|---|--------------|------------|-------------------|
| Bianchi: BJAG2-PT | Select by Vehicle | A.D. Webcode required if not using Smart Card | | Not Needed | A Black |

1998-2008 XJ

ADS- 151

| DEALER / | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--|-------------------|---|--------------|------------|-------------------|
| 1998-2003 - Dealer Key Required 2004-08 - | Select by Vehicle | A.D. Webcode required if not using Smart Card | | Not Needed | A Black |

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 | | Not Needed | A Black |

Jaguar

Kia

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 |

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 |

Note: PIN Code required from Kia dealer or NASTF approved locksmith.

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 |

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 |

Note: PIN Code required from dealer or N.A.S.T.F.

2014 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 |

Note: PIN Code required from dealer or N.A.S.T.F. /

2011-2012 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 |

Note: PIN Code required from dealer or N.A.S.T.F.

KIA

2010-2012 OPTIMA 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 |

Note: PIN Code required from Kia dealer or NASTF approved locksmith.

2011-2013 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 |

Note: PIN Code required from Kia dealer or NASTF approved locksmith.

2006-2012 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 |

Note: PIN Code required from Kia dealer or NASTF approved locksmith. This is for U.S. models only.

2011-2012 SORENTO WITH OPTIONAL PROXIMITY START BUTTON IGNITION ADS-147

| 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 |

Note: PIN Code required from dealer or N.A.S.T.F.

2011-2013 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 |

Note: PIN Code required from Kia dealer or NASTF approved locksmith.

2011-2012 SPORTAGE 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 |

Note: PIN Code required from Kia dealer or NASTF approved locksmith.

KIA

2009-2014 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 |

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2014 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 |

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 |

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 |

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 |

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2012-2013 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 |

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

KIA

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 |

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 |

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.**2014 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 |

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 |

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 |

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 |

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

2014 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 |

Note: PIN Code required from dealer or N.A.S.T.F. /**2006-2014 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 |

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 |

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.**2010-2012 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 |

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 |

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 |

Note: PIN Code required from dealer or N.A.S.T.F. / U.S. Models are not transponder equipped.

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 |

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 |

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.

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 |

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 |

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

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 |

1998-2001 GS300

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2007-2013 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 | | Not Needed | A Black |

Note: If PROX 1 does not communicate, try PROX 2. Also 2013 models may require PROX 6.

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 | | Not Needed | A Black |

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 |

2007-2010 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 | | Not Needed | A Black |

2008-2010 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 | | Not Needed | A Black |

2010-2011 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 | | Not Needed | A Black |

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 |

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 |

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

LEXUS

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

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 |

2001 IS300

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

2006-2012 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 | | Not Needed | A Black |

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 |

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.

LEXUS

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 |

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 | | Not Needed | A Black |

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

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 |

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 |

1998-2000 LX470

| | | | | | |
|--|--|--|--|--|--|
| Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom | | | | | |
|--|--|--|--|--|--|

LEXUS

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 | | Not Needed | A Black |

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 |

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 | | Not Needed | A Black |

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 |

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

1998-2000 SC300 / SC400

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

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 |

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 | | Not Needed | A Black |

LEXUS

Used Toyota/Lexus 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.

2012-2014 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 |

2014-2015 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 |

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 |

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 |

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 |

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 |

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

MAZDA

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 |

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 |

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 |

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 |

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.

MAZDA

| 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 |
| 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 | H84-PT or H92-PT | FORD PATS 4 | No | No | Yes with SMC & ADS133 | A Black |
| 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 | H84-PT or H92-PT | FORD PCM | No | No | Yes with SMC & ADS133 | A Black |
| 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 |
| 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 |
| 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 | | | | | |

MAZDA

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 |

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 |

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 |

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 |

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 |

MAZDA

| 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 |

| 2009-2011 TRIBUTE | | | | | | ADS-100 |
|-------------------|------------------------|----------------|------------|--------------|-----------------------------|------------|
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | 10 MIN BYPASS | PRO Dongle |
| 690212 HAT997 | H84-PT or H92-PT | FORD PATS 5 | No | No | Yes with SMC & ADS133 | A Black |

| 2005-2008 TRIBUTE | | | | | | ADS-100 |
|--|------------------------|---------------|------------|--------------|-----------------------------|------------|
| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
| 690212 HAT997 | H84-PT or H92-PT | FORD CAN 3 | No | No | Yes with SMC & ADS133 | A Black |
| 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 |
| Note: 2004 is a split year, try PCM and CAN 3 & use the system that communicates. Determine the system before cutting key. | | | | | | |

MAZDA

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 | |

| 2007-2012 ECLIPSE | | | | | | | ADS-154 |
|--|----------------|---|--------------|---------------|-----------------|--|---------|
| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle | | |
| Dealer Remote Key: MN141545 <i>USE OEM KEYS ONLY!</i> | Eclipse CAN | A.D. Webcode required if not using Smart Card | | Not Needed | G Tan | | |
| 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 <i>USE OEM KEYS ONLY!</i> | ECLIPSE CAN | A.D. Webcode required if not using Smart Card | | Not Needed | G Tan | | |
| 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 | |

| 2007-2011 ENDEAVOR | | | | | | | ADS-154 |
|--|-----------------|---|--------------|---------------|-----------------|--|---------|
| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle | | |
| Dealer Remote Key: 6370A364 <i>USE OEM KEYS ONLY!</i> | ENDEAVOR CAN | A.D. Webcode required if not using Smart Card | | Not Needed | G Tan | | |
| 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 <i>USE OEM KEYS ONLY!</i> | ENDEAVOR CAN | A.D. Webcode required if not using Smart Card | | Not Needed | G Tan | | |
| Note: Some 2006 models are not CAN and can be programmed like a 2005 model. | | | | | | | |

Split Year

Split Year

MITSUBISHI

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 |

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 <i>USE OEM KEYS ONLY!</i> | GALANT CAN | A.D. Webcode required if not using Smart Card | | Not Needed | G Tan |

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 <i>USE OEM KEYS ONLY!</i> | GALANT CAN | A.D. Webcode required if not using Smart Card | | Not Needed | G Tan |

Note: 2007 model year is Split year. Either MIT3 ('08) or MIT6 ('06) keyway. Check the car!

MITSUBISHI

| 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 | |
| 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 |
| 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 | | Not Needed | G Tan | |
| 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 | | Not Needed | G Tan | |
| 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 | | Not Needed | G Tan | |
| 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 |

MITSUBISHI

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Also beware of component mis-match on ALL Mitsubishi.

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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 |

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 |

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 | | Not Needed | G Tan |

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 | | Not Needed | G Tan |

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 | | Not Needed | G Tan |

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 |

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 | | Not Needed | G Tan |

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.

MITSUBISHI

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 |

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 |

Note: This is a DODGE made vehicle. See Dodge Dakota.

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.

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 |

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 |

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 |

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 |

Note: This vehicle is made by General Motors

SAAB

2012-2014 FRS

NOT SUPPORTED AT THIS TIME

2012 IQ (CANADA)

ADS-174

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|----------------------------------|------------|---|--------------|------------|-------------------|
| Dealer G Key: 89785-08040 | TOY IMMO 5 | A.D. Webcode required if not using Smart Card | | Not Needed | A Black |

2011-2013 TC

ADS-174

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|----------------------------------|------------|---|--------------|------------|-------------------|
| Dealer G Key: 89785-08040 | TOY IMMO 5 | A.D. Webcode required if not using Smart Card | | Not Needed | A Black |

Note: Vehicle may also use a Remote Head key from the factory. Transponder system may be optional.

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 |

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 |

Note: For Type 4 lost key situations a "quick reset" feature is available, see last page of this section for details.

2012 XB (CANADA)

ADS-174

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|----------------------------------|------------|---|--------------|------------|-------------------|
| Dealer G Key: 89785-08040 | TOY IMMO 5 | A.D. Webcode required if not using Smart Card | | Not Needed | A Black |

2012 XD (CANADA)

ADS-174

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|----------------------------------|------------|---|--------------|------------|-------------------|
| Dealer G Key: 89785-08040 | TOY IMMO 5 | A.D. Webcode required if not using Smart Card | | Not Needed | A Black |

SCION

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.

| 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 |
| 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 on BETA 11.68 or higher on Subaru.

SUBARU

| 2006-2007 B9 TRIBECA | | | | | ADS-127 | |
|---|---|------------|--------------|------------|-------------------|--|
| OEM / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle | |
| 57497AG11A SUB4-PT / SR8-ETS-P1 HAT9711 | TYPE 1A | Yes | NO | Not Needed | A Black | |
| 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 | |
| 2005-2008 FORESTER 2.5 XT | | | | | ADS-127 | |
| DEALER / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle | |
| 57497AE000 SR8-ETS-P1 HAT9700 | TYPE 1A | Yes | NO | Not Needed | A Black | |
| 2012-2014 IMPREZA | | | | | | |
| DEALER | NOT SUPPORTED DO NOT ATTEMPT | | | | | |
| NON-HIGH SECURITY OEM KEY WITH G ON BLADE | | | | | | |
| 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 | |
| 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 | |
| 2006-2007 IMPREZA WRX | | | | | ADS-127 | |
| DEALER / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle | |
| 57497AE000 SR8-ETS-P1 HAT9700 | TYPE 1A | Yes | NO | Not Needed | A Black | |

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 |

2005-2007 IMPREZA WRX - STI

ADS-127

| DEALER / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|-------------------------------------|---------|------------|--------------|------------|-------------------|
| 57497AE000 SR8-ETS-P1 HAT9700 | TYPE 1A | Yes | NO | Not Needed | A Black |

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 |

2006-2009 LEGACY

ADS-127

| OEM / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|---------|------------|--------------|------------|-------------------|
| 57497AG11A SUB4-PT / SR8-ETS-P1 HAT9711 | TYPE 1A | Yes | NO | Not Needed | A Black |

2005 LEGACY GT

ADS-127

| OEM / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|---------|------------|--------------|------------|-------------------|
| 57497AG11A SUB4-PT / SR8-ETS-P1 HAT9711 | TYPE 1A | Yes | NO | Not Needed | A Black |

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 |

2006-2009 OUTBACK

ADS-127

| OEM / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|---------|------------|--------------|------------|-------------------|
| 57497AG11A SUB4-PT / SR8-ETS-P1 HAT9711 | TYPE 1A | Yes | NO | Not Needed | A Black |

2005 OUTBACK 2.5 XT / 3.0R

ADS-127

| OEM / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|---------|------------|--------------|------------|-------------------|
| 57497AG11A SUB4-PT / SR8-ETS-P1 HAT9711 | TYPE 1A | Yes | NO | Not Needed | A Black |

SUBARU

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 |

2008-2009 TRIBECA

ADS-127

| OEM / ILCO / HATA | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---|---------|------------|--------------|------------|-------------------|
| 57497AG12A SUB4-PT / SR8-ETS-P1 HAT9711 | TYPE 1A | Yes | NO | Not Needed | A Black |

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 on BETA 11.68 or higher on Subaru.

SUBARU

NOTE: Some models use the new dealer "G" transponder key and some don't. It is possible to have 2 identical cars side by side and one on the older key and one on the new "G" key. Even looking the vehicle up by the VIN can give you the wrong key. If the car communicates with TYPE 4 it is Not a "G" key car. TYPE 5 is for "G" keys.

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 | | Not Needed | A Black |

2010-2014 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 | | Not Needed | A Black |

Note: Overlapping Keys and Immobilizer types. Some 2010 models may use the 2009 key & programming.

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 |

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details. Transponder system may be optional.

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 |

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

TOYOTA

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 | | | Not Needed | A Black |

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 |

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 | | | Not Needed | A Black |

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 | | | Not Needed | A Black |

2014-2015 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 | | | Not Needed | A Black |

Note: New Type 6 Requires V11.02 or higher software. 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.

TOYOTA

2010-2013 CAMRY 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 | | Not Needed | A Black |

Note: 2010 and 2011 are both split years. Use the system that communicates.

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 | | Not Needed | A Black |

Note: 2010 and 2011 are both split years. Use the system that communicates.

Note: 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

Split Year

| 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 |

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.

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 |

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 | | Not Needed | A Black |

Note: New Type 6 Requires V11.02 or higher software. RKE functions program using Toyota remotes menu type4

IMPORTANT: The "G" chip will NOT substitute for the new "H" chip.

TOYOTA

2010-2013 COROLLA 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 | | Not Needed | A Black |

Note: 2010 and 2011 are both split years. Use the system that communicates.

Split Year

2007-2011 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 | | Not Needed | A Black |

Note: 2010 and 2011 are both split years. Use the system that communicates.

Note: 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 |

2007-2009 COROLLA

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 | | Not Needed | A Black |

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 |

Note: For Type 4 lost key situations a "quick reset" feature is available, see last page of this section for details.

TOYOTA

Split Year

2011-2013 FJ CRUISER

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

Notes: Use the system that communicates. Type 4 will be the “dot” key and Type 5 will be the “G” key. For Type 4 lost key situations “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 | | Not Needed | A Black |

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2008-2013 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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

Note: Transponder system may be optional.

TOYOTA

NOTE: Some models use the new dealer "G" transponder key and some don't. It is possible to have 2 identical cars side by side and one on the older key and one on the new "G" key. Even looking the vehicle up by the VIN can give you the wrong key. If the car communicates with TYPE 4 it is Not a "G" key car. TYPE 5 is for "G" keys.

2010-2013 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 | | Not Needed | A Black |
| Note: Use the system that communicates. Type 4 will be the "dot" key and Type 5 will be the "G" key. | | | | | |

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 | | Not Needed | A Black |
| Note: Use the system that communicates. Type 4 will be the "dot" key and Type 5 will be the "G" key. | | | | | | |
| Note: For 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 |
| 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 |

2008-2014 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 | | Not Needed | A Black |
| Note: Different Proximity Remote Fobs are used depending on vehicle production dates. | | | | | |

Split Year

TOYOTA

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 |

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 |

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

1998-2000 LAND CRUISER

No OBD2 Access / Engine Control must be Re-flashed. This is not supported through tech support.

2011-2013 MATRIX

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

Note: 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 |

Note: 2007 was a split year

Note: 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 |

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

TOYOTA

2000-2005 MR2

No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

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 | | Not Needed | A Black |

2010-2014 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 | | Not Needed | A Black |

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 | | 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 | | 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

TOYOTA

2011-2012 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 | | Not Needed | A Black |

Note: We have had reports that on a RESET if PROX 6 fails then switch to PROX 1 system.

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

Note: New Type 6 Requires V11.02 or higher software.
RKE functions program using Toyota remotes menu type4
IMPORTANT: The "G" chip will NOT substitute for the new "H" chip.

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 | | Not Needed | A Black |

Note: For 2010 Use the system that communicates. Type 4 will be the "dot" key and Type 5 will be the "G" key.

2007-2011 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 | | Not Needed | A Black |

Note: Use the system that communicates. Type 4 will be the "dot" key and Type 5 will be the "G" key.
Note: For 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 | | Not Needed | A Black |

Note: Transponder is optional.
Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

Split Year

TOYOTA

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 |

Note: Transponder is optional.

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

2001-2003 RAV4 WITH OPTIONAL TRANSPONDER

Not supported. No OBD2 access. Engine control must be reprogrammed or key introduced by Eeprom

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

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 |

2011-2012 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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

Note: Transponder optional, models with charcoal color door handles are usually non-transponder.

TOYOTA

2011-2015 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 | | Not Needed | A Black |

Note: Transponder optional, models with charcoal color door handles are usually non-transponder.

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 | | Not Needed | A Black |

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 |

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

Note: 2007 was a split year.

Note: 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 |

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 |

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 | | Not Needed | A Black |

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 | | Not Needed | A Black |

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 |

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

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 | | Not Needed | A Black |

Note: Some 2010 models may use TYPE 4 and the "dot" key.

TOYOTA

2007-2009 TUNDRA

ADS-150

| STRATTEC / HATA | ILCO | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|--------------------|------------------------|--------|------------|--------------|------------|-------------------|
| 5910834 HAT8020 | TOY44D-PT (4D Chip) | Type 4 | | | Not Needed | A Black |

Note: Transponder system was optional, it is not on all Tundra models.

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2009-2013 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 | | | Not Needed | A Black |

2010-2013 VENZA WITH KEY IGNITION

ADS-174

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|----------------------------------|--------|------------|--------------|------------|-------------------|
| Dealer G Key: 89785-08040 | Type 5 | | | Not Needed | A Black |

Note: Some 2010 models may use TYPE 4 and the “dot” key.

2009 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 | | | Not Needed | A Black |

Note: For lost key situations a “quick reset” feature is available, see last page of this section for details.

2015 YARIS

ADS-199

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|---------------------|--------|------------|--------------|------------|-------------------|
| Dealer H Key | Type 6 | | | Not Needed | A Black |

Note: Transponder system is optional.

2012-2014 YARIS

ADS-174

| DEALER | SYSTEM | SMART Card | PIN Required | PIN Read | PRO Dongle |
|----------------------------------|--------|------------|--------------|------------|-------------------|
| Dealer G Key: 89785-08040 | Type 5 | | | Not Needed | A Black |

Note: Transponder system is optional.

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 | | | Not Needed | A Black |

Note: Transponder system is optional.

Note: 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 |

Note: Transponder system is optional.

Note: For lost key situations a "quick reset" feature is available, see last page of this section for details.

TOYOTA

Used Toyota/Lexus 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.