PenLoader Application List

REFLASHING					
MAKE	MODEL	YEARS	ECU LOCATION	RED	BLUE
Acura	NSX	1997-2004	Attached to Steering Column	✓	✓
	RL	1997-2002	Attached to Steering Column	✓	✓
Honda	Prelude	1996-2004	Attached to Steering Column	✓	✓
Lexus	ES300	1998-2003	Behind Glove Box	✓	✓
	ES330	2004	Behind Glove Box	✓	
	GS300	1998-2004	Under Hood (Driver's Side)	✓	1998-2003
	GS400	1998-2000	Under Hood (Driver's Side)	✓	✓
	GS430	2001-2003	Under Hood (Driver's Side)	✓	✓
	GX470	2003-2004	Behind Instrument Cluster	✓	
	IS300	2001-2003	Under Hood (Driver's Side)	✓	✓
	LS400	1997	Behind Glove Box	✓	Exp Board
	LS400	1998-2000	Behind Glove Box	✓	✓
	LS430	2001-2004	Above Navigation System	✓	
	LX470	1998-2004	Behind Glove Box	✓	2001-2002
	RX300	1999-2003	Behind Glove Box	✓	✓
	RX330	2004	Above Center Dash	✓	
	SC300	1998-2000	Below Glove Box (Under Carpet)	✓	✓
	SC400	1998-2000	Below Glove Box (Under Carpet)	✓	✓
	SC430	2002-2003	Behind Instrument Cluster	✓	
Saab	93	2003-2009	Behind Glove Box	✓	Exp Board
Toyota	4-Runner	1998-2004	Behind Glove Box	✓	1998-2002
	Avalon	1998-2003	Behind Glove Box	✓	✓
	Camry	1998-2009	Behind Glove Box	✓	✓
	FJ Cruiser			✓	Exp Board
	Highlander	2001-2003	Behind Glove Box	✓	✓

PenLoader Application List

REFLASHING

MAKE	MODEL	YEARS	ECU LOCATION	RED	BLUE
Toyota	Landcruiser	1998-2004	Behind Glove Box	✔	1998-2002
	MR2	2001-2003	Behind Glove Box	✔	✔
	Prius	2001-2004	Under Dashboard (Above Column)	✔	2001-2003
	RAV4	2002-2003	Behind Glove Box	✔	✔
	Sequoia	2001+	Behind Glove Box, Behind Cluster (03+)	✔	✔
	Sienna	1998-2004	Behind Glove Box, Above Center Dash (04+)	✔	1998-2003
	Solara	1998-2004	Behind Glove Box	✔	✔

ADDITIONAL FUNCTIONS

DESCRIPTION	RED	BLUE
Restore Last Reflashed File Saved to Backup Slot	✔	✔
Save Up to 4 Customer Files	✔	Exp Board
Reflash Toyota/Lexus 16-Bit with Already Working Keys (requires pre-cloned key)	✔	Exp Board
Extract and display existing key values from 16-bit Lexus/Toyota models	✔	
Read PIN for all GM models using HU100-style remote head key	✔	
Read PIN for Fiat models made for US market	✔	
Read PIN for Saab models	✔	
Read PIN from Dodge Caravan 20XX-20XX	✔	
Read PIN from Jeep Liberty 2006	✔	
Read PIN from Nissan/Infiniti models between 2005-2008	✔	
Read PIN from Nissan/Infiniti models between 2009-2012	✔	
Read PIN from VW Beetle 2000+	✔	
Read PIN from Isuzu Axiom/Rodeo 2003-2005	✔	
Read PIN from all Type 1 Chryslers	✔	
Restore non-transponder file after accidentally reflashing a to non-transponder Toyota/Lexus model. Also can disable transponder system for Toyota Camry 2002-2005 (see user manual for specific years and models).	✔	Exp Board

ADDITIONAL FUNCTIONS		
DESCRIPTION	RED	BLUE
Update Smart Key Proximity ID box when locked	✓	Exp Board
Replace data with all FF values (for testing)	✓	Exp Board
Replace data with all 00 values (for testing)	✓	Exp Board
Display PenLoader Serial Number & Power Level	✓	
Add Additional Files / Programs	✓	Exp Board
Update firmware via connection to PC	✓	