



Automotive Data Solutions Inc.

# INSTALL GUIDE

## FLC-AL(DL)-GM10-EN

# GM10

**AVAILABLE FOR: FLCAN**

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**BUICK**

*Cadillac*

**GMC**

**CHEVROLET**

**HUMMER**

**PONTIAC**

**SUZUKI**

**SATURN**

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### INSTALL TYPE SELECTION - 2 OF 2

MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES																	
				DATA IMMOBILIZER BYPASS	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	PRIORITY UNLOCK	TRUNK/HATCH RELEASE*	TAILGATE WINDOW RELEASE	HEATED SEATS CTRL	PUDDLE LIGHT CTRL**	TACHOMETER OUTPUT	DOOR STATUS OUTPUT	HOOD STATUS OUTPUT*	TRUNK STATUS OUTPUT	BRAKE PEDAL STATUS OUTPUT	E-BRAKE OUTPUT	RAP SHUTDOWN CTRL	
PONTIAC	G8 STD key AT	08-09	1	•	•	•	•	•	•	•	•				•	•	•	•	•		
	Torrent STD key AT	07-09	1	•	•	•	•	•	•					•	•	•	•	•	•	•	
SATURN	Outlook STD key AT	07-10	1	•	•	•	•	•	•					•	•	•	•	•	•	•	
	Outlook with Auto Up/Down Windows STD key AT	07-10	1	•	•	•	•	•	•					•	•	•	•	•	•	•	•
	Vue / Hybrid STD key AT	08-10	2	•	•	•	•	•	•					•	•	•	•	•	•	•	•
SUZUKI	XL7 STD key AT	07-09	1	•	•	•	•	•	•					•	•	•	•	•	•	•	•

\* If equipped

\*\* If activated in vehicle settings

## TYPE 1 - WIRE CROSS REFERENCE CHART - 1 OF 3

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
BUICK	Enclave STD key	08-17	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
CADILLAC	CTS STD key	08-14	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink or Red/White	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Orange	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
	SRX STD key	07-09	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Green	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Green	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
CHEVROLET	Caprice STD key	11-13	Ground	~	Black	5 pin	3	Black	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Orange/Black	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
	Equinox STD key	07-09	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
	Impala STD key	06-13	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
	Impala limited STD key	13-16	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~

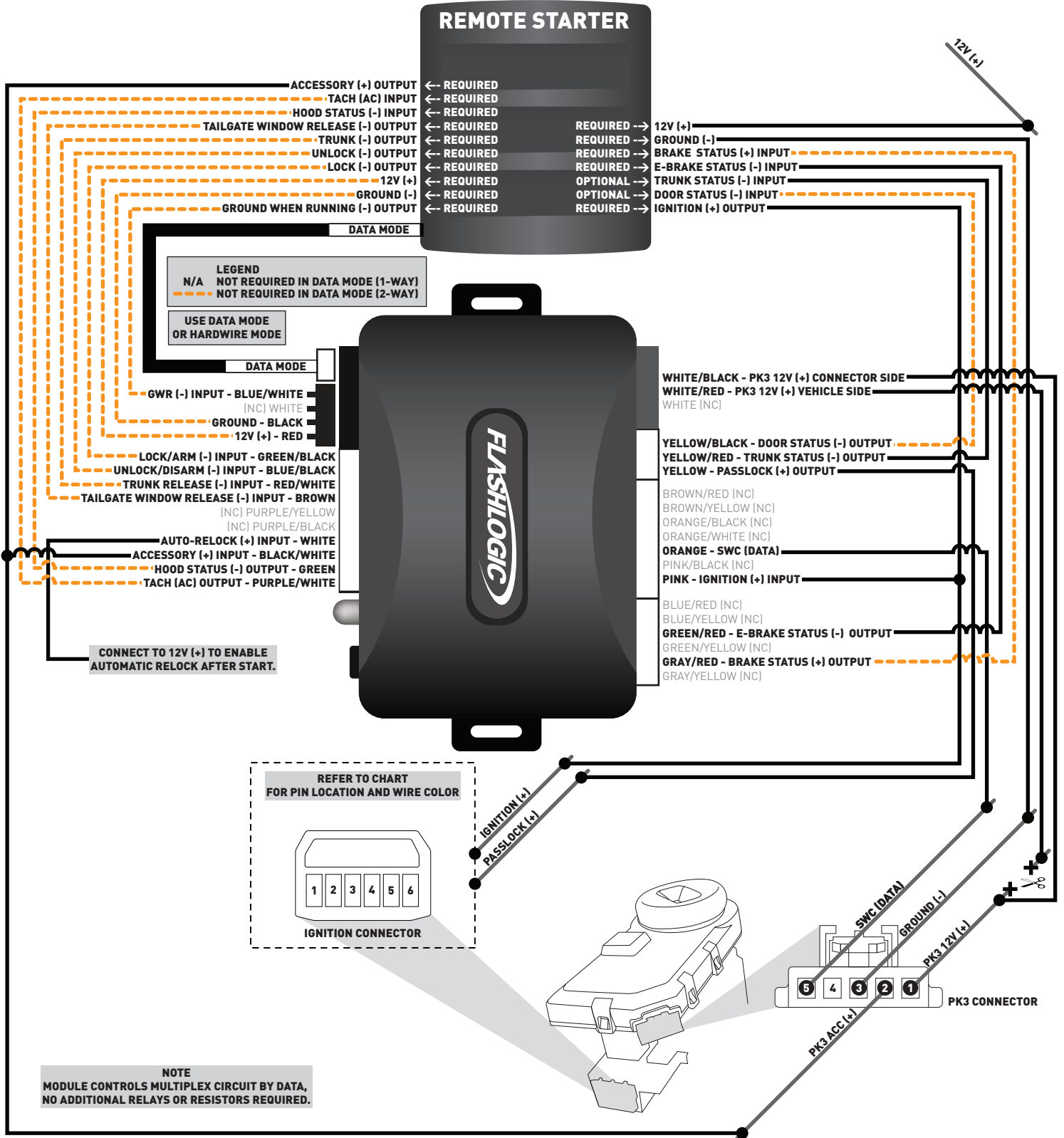
## TYPE 1 - WIRE CROSS REFERENCE CHART - 2 OF 3

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
CHEVROLET	Monte Carlo STD key	06-09	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
	Traverse STD key	09-17	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
	Traverse with Auto Up/Down Windows STD key	09-17	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
GMC	Acadia STD key	07-16	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
	Acadia with Auto Up/Down Windows STD key	07-16	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
	Acadia Limited STD key	17	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~
PONTIAC	G8 STD key	08-09	Ground	~	Black	5 pin	3	Black	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Orange/Black	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	(DATA)	PK3 connector	~

## TYPE 1 - WIRE CROSS REFERENCE CHART - 3 OF 3

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
PONTIAC	Torrent STD key	07-09	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	[DATA]	PK3 connector	~
SATURN	Outlook STD key	07-10	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	[DATA]	PK3 connector	~
	Outlook with Auto Up/Down Windows STD key	07-10	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	4	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	[DATA]	PK3 connector	~
SUZUKI	XL7 STD key	07-09	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	5	Green	[DATA]	PK3 connector	~

## TYPE 1 - WIRING DIAGRAM



## TYPE 2 - WIRE CROSS REFERENCE CHART - 1 OF 4

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
BUICK	Lucerne STD key	06-11	Ground	~	Black	5 pin	3	Black or Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Orange or Red	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~
CADILLAC	DTS STD key	06-11	Ground	~	Black	5 pin	3	Black	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Orange/Red	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~
	Escalade / ESV / Hybrid STD key	07-14	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~
Escalade EXT STD key	07-13	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~	
		Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~	
		Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~	
		PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~	
		PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~	
		SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~	
CHEVROLET	Avalanche STD key	07-13	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~
	Captiva Sport 4cyl / Hybrid STD key	08-15	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White/Black	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~
	Captiva Sport 6cyl STD key	08-15	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Green	6 pin	3	Pink	(+)	Ignition connector	~
			Passlock	~	Green	6 pin	4	White/Black	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~



### TYPE 2 - WIRE CROSS REFERENCE CHART - 2 OF 4

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
CHEVROLET	Express STD key	08-19	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~
	Silverado / Hybrid Premium Package STD key	07-13	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~
	Silverado / Hybrid STD key	07-13	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~
	Silverado 2500HD/3500HD Premium Package STD key	14	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~
Silverado 2500HD/3500HD STD key	14	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~	
		Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~	
		Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~	
		PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~	
		PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~	
		SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~	
Suburban STD key	07-14	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~	
		Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~	
		Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~	
		PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~	
		PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~	
		SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~	
Tahoe / Hybrid STD key	07-14	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~	
		Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~	
		Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~	
		PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~	
		PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~	
		SWC	~	Black	5 pin	4	Green	(DATA)	PK3 connector	~	

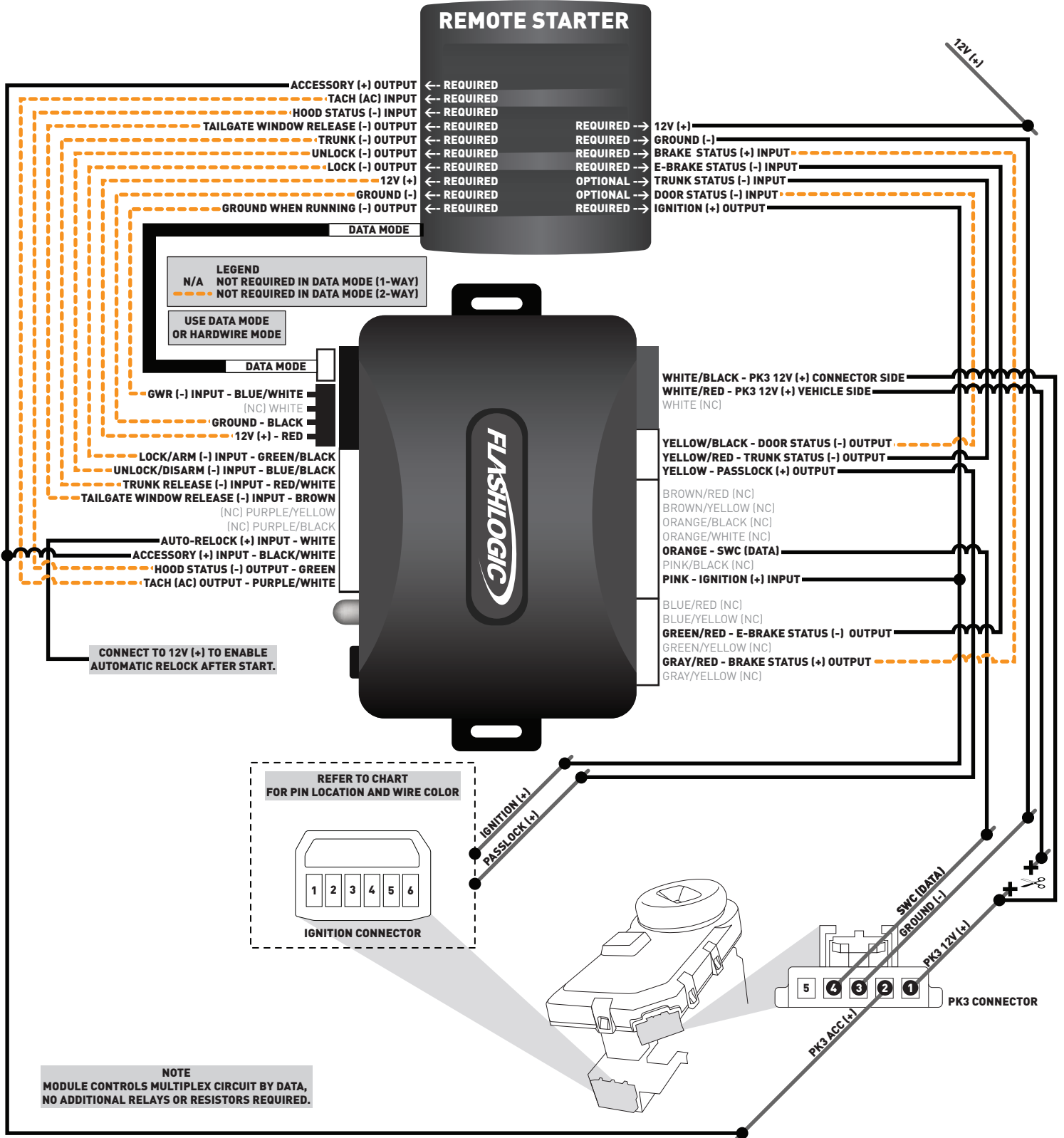
## TYPE 2 - WIRE CROSS REFERENCE CHART - 3 OF 4

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
GMC	Savana STD key	08-19	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	[DATA]	PK3 connector	~
	Sierra Premium Package STD key	07-13	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	[DATA]	PK3 connector	~
	Sierra STD key	07-13	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	[DATA]	PK3 connector	~
	Sierra 2500HD/3500HD Premium Package STD key	14	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	[DATA]	PK3 connector	~
Sierra 2500HD/3500HD STD key	14	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~	
		Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~	
		Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~	
		PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~	
		PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~	
		SWC	~	Black	5 pin	4	Green	[DATA]	PK3 connector	~	
Yukon / Hybrid STD key	07-14	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~	
		Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~	
		Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~	
		PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~	
		PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~	
		SWC	~	Black	5 pin	4	Green	[DATA]	PK3 connector	~	
HUMMER	H2 STD key	08-09	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	2	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	Pink/Black or Pink	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow or Brown	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	[DATA]	PK3 connector	~

### TYPE 2 - WIRE CROSS REFERENCE CHART - 4 OF 4



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
SATURN	Vue 4cyl / Hybrid STD key	08-10	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Black	6 pin	1	Pink	(+)	Ignition connector	~
			Passlock	~	Black	6 pin	5	White/Black	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	[DATA]	PK3 connector	~
	Vue 6cyl STD key	08-10	Ground	~	Black	5 pin	3	Black/White	(-)	PK3 connector	~
			Ignition	~	Green	6 pin	3	Pink	(+)	Ignition connector	~
			Passlock	~	Green	6 pin	4	White/Black	(+)	Ignition connector	~
			PK3 12V (10AMP)	~	Black	5 pin	1	Red/White	(+)	PK3 connector	~
			PK3 ACC	~	Black	5 pin	2	Yellow	(+)	PK3 connector	~
			SWC	~	Black	5 pin	4	Green	[DATA]	PK3 connector	~

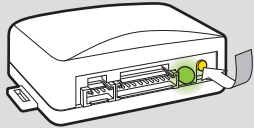
## TYPE 2 - WIRING DIAGRAM



## INSTALLATION MODE SELECTION

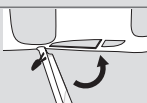
**1**  Press and release programming button to select installation mode.

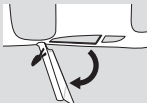
 LED flashes (1X) once = DATA MODE  
 LED flashes (2X) twice = STANDARD HARDWIRE MODE

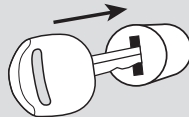
**2**  Press and hold programming button until LED turns solid GREEN to register selection.

**!** After registration, follow Factory Reset Procedure to change installation mode and restart this procedure.

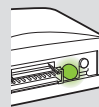
## MODULE PROGRAMMING PROCEDURE

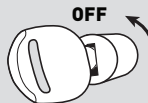
**1**  Close driver door.

 Re-open driver door to wake up data bus.

**2**  Insert key into ignition.

**3**  Turn key to ON position.

**4**  Wait, LED will turn solid GREEN for **2 seconds**. (This may take up to 1 minute.)

**5**  Turn key to OFF position.

**6** Module Programming Procedure completed.

### IDENTIFY VEHICLE YEAR

**1** Locate the Vehicle Identification Number (VIN), identify the 10th character then match it to its corresponding year.



A	1980	L	1990	Y	2000	A	2010
B	1981	M	1991	1	2001	B	2011
C	1982	N	1992	2	2002	C	2012
D	1983	P	1993	3	2003	D	2013
E	1984	R	1994	4	2004	E	2014
F	1985	S	1995	5	2005	F	2015
G	1986	T	1996	6	2006	G	2016
H	1987	V	1997	7	2007	H	2017
J	1988	W	1998	8	2008	J	2018
K	1989	X	1999	9	2009	K	2019

### MODULE DIAGNOSTICS

LED STATUS	DIAGNOSTICS		
	DURING PROGRAMMING	DURING REMOTE START	WITH IGNITION OFF
Flashing RED	Missing/wrong information from firmware or vehicle	Incorrectly programmed	Incorrectly programmed or connected
Solid RED	Waiting for more vehicle information	Incorrectly programmed	Not programmed waiting for more vehicle information
Flashing GREEN	Additional steps required to complete programming	Correctly programmed and operational	False ground when running status from remote starter
Solid GREEN then OFF	Correctly programmed	Reset in progress	Reset in progress
OFF	No activity or already programmed	Invalid ground when running status from remote starter	At rest and ready for a remote start sequence

### FACTORY RESET PROCEDURE

- DISCONNECT** all connectors from module **EXCEPT** the black 4-PIN standard or optional data connector.
- DISCONNECT** black 4-PIN standard or optional data connector.
- PRESS AND HOLD** programming button while connecting either 4-PIN standard or optional data connector.
- When LED flashes red, **RELEASE** programming button.

- LED will turn solid red for 2 seconds.  
**RESET COMPLETED.**
  - RECONNECT** all connectors.
  - Repeat programming procedure.
- !** Failure to follow procedure may result with a DTC or a CHECK ENGINE error message.