

OE QUALITY REMOTES LISTING AND ON-BOARD PROGRAMMING GUIDE



GM ORIGINAL EQUIPMENT REMOTES

On-Board Programming Instructions

Most GM vehicles for model years 2011+ require a dealer or aftermarket programming tool.

Vehicles equipped with a "Drivers Information Center" or DIC

This display allows you to match Remote Keyless Entry (RKE) transmitters to your vehicle. This procedure will erase all previously learned transmitters. Therefore, they must be relearned as additional transmitters.

1. Insert key and turn to ON position so you can access Driver Information Center.
2. Press the vehicle information button until "PRESS V TO RELEARN REMOTE" displays.
3. Press the set/reset button until "REMOTE KEY LEARNING ACTIVE" displays.
4. Press and hold the lock and unlock buttons on the first transmitter at the same time for approximately 15 seconds. On vehicles with memory recall seats, the first transmitter learned will match driver 1 and the second will match driver 2. A chime will sound indicating that the transmitter is programmed.
5. To program additional transmitters at this time repeat step 4. This vehicle can have a maximum of eight transmitters matched to it.
6. To exit programming mode, you must cycle the key to LOCK/OFF. Test remote(s).

Vehicles without a "Drivers Information Center" or DIC

To access this display, the vehicle must be in Park (P) with the key in the ON position (as far as you can go without cranking the engine). This display allows you to match Remote Keyless Entry (RKE) transmitters to your vehicle. This procedure will erase all previously learned transmitters. Therefore, they must be relearned as additional transmitters.

1. Press trip odometer reset stem until "RELEARN REMOTE KEY" displays.
2. Press and hold the trip odometer stem for three seconds. The message "REMOTE KEY LEARNING ACTIVE" will display.
3. Press and hold the lock and unlock buttons on the first keyless remote at the same time for approximately 15 seconds. A chime will sound indicating that the remote is programmed.
4. To program additional remotes at this time, repeat step 3. This vehicle can have a maximum of eight remotes programmed.
5. To exit programming mode, turn key off and remove key. Test remote(s).

GM FOBS

GM PART #	SSC PART #	MODEL	BUTTON FUNCTION	APPLICATION YEARS
20935330	5922032	Chevrolet Impala	L, U, T, P	2006-2013
20935331	5922033	Chevrolet Impala	L, U, T, P, RS	2006-2013
20952477	5922373	Buick Enclave	L, U, LG, P, RS	2008-2017
		GMC Acadia		2007-2016
		Chevrolet Traverse		2009-2016
		Saturn Outlook		2007-2010
20952474	5922035	Chevrolet Captiva Sport	L, U, P, RS	2011-2013
		Buick Enclave		2008-2017
		GMC Acadia		2007-2016
		Chevrolet Traverse		2009-2016
		Saturn Outlook		2007-2010
		Chevrolet Express		2008-2014
		GMC Savana		2008-2016
		Chevrolet Silverado		2007-2013
		GMC Sierra		2007-2013
20952476	5922372	Buick Enclave	L, U, LG, P	2008-2017
		GMC Acadia		2007-2016
		Chevrolet Traverse		2009-2016
		Saturn Outlook		2007-2010
20952475	5922034	Chevrolet Captiva Sport	L, U, P	2011-2013
		Buick Enclave		2008-2017

GM PART #	SSC PART #	MODEL	BUTTON FUNCTION	APPLICATION YEARS
20952475	5922034	GMC Acadia	L, U, P	2007-2016
		Chevrolet Traverse		2009-2016
		Saturn Outlook		2007-2010
		Chevrolet Silverado		2007-2013
		GMC Sierra		2007-2013
20970808	5922375	Chevrolet Express GMC Savana	L, U, CRG, P, RS	2008-2014 2008-2014
20970807	5922374	Chevrolet Express GMC Savana	L, U, SD, CRG, P, RS	2008-2014 2008-2014
22756459	5922377	Chevrolet Tahoe	L, U, LGL, P, RS	2007-2014
		GMC Yukon		2007-2014
		Chevrolet Suburban		2007-2014
		GMC Yukon XL		2007-2014
22756460	5922378	Chevrolet Tahoe	L, U, LGL, P	2007-2014
		GMC Yukon		2007-2014
		Chevrolet Suburban		2007-2014
		GMC Yukon XL		2007-2014
22756461	5922379	Chevrolet Tahoe	L, U, LG, LGL, P	2007-2014
		GMC Yukon		2007-2014
		Chevrolet Suburban		2007-2014
		GMC Yukon XL		2007-2014
22756462	5922380	Chevrolet Tahoe	L, U, LG, LGL, P, RS	2007-2014
		GMC Yukon		2007-2014
		Chevrolet Suburban		2007-2014
		GMC Yukon XL		2007-2014



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CADILLAC ORIGINAL EQUIPMENT REMOTES

On-Board Programming Instructions

Vehicles equipped with a "Drivers Information Center" or DIC

1. Insert key and turn to ON position so you can access Driver Information Center.
2. Press the vehicle information button until "PRESS TO RELEARN REMOTE KEY" displays.
3. Press the set/reset button until "REMOTE KEY LEARNING ACTIVE" displays.
4. Press and hold the lock and unlock buttons on the first keyless remote at

the same time for approximately 15 seconds. On vehicles with memory recall seats, the first remote learned will match driver 1 and the second will match driver 2.

5. To program additional remotes at this, time repeat step 4. This vehicle can have a maximum of eight remotes programmed.
6. To exit programming mode, **turn key off and remove key. Test remote(s).**

CADILLAC FOBS

GM PART #	SSC PART #	MODEL	BUTTON FUNCTION	APPLICATION YEARS
22889449	5923877	Cadillac CTS 4B FOB #1	L, U, P, LG	2008-2013
22889450	5923878	Cadillac CTS 4B FOB #2	L, U, P, LG	2008-2013
20998255	5923879	Cadillac CTS 5B FOB #1	L, U, P, LG, RS	2008-2013
20998256	5923880	Cadillac CTS 5B FOB #2	L, U, P, LG, RS	2008-2013
22889451	5923881	Cadillac CTS WGN FOB 4B #1	L, U, P, LGL	2008-2013
22889452	5923882	Cadillac CTS WGN FOB 4B #2	L, U, P, LGL	2008-2013
20998281	5923883	Cadillac CTS WGN FOB 5B #1	L, U, P, LGL, RS	2008-2013
20998282	5923884	Cadillac CTS WGN FOB 5B #2	L, U, P, LGL, RS	2008-2013

GM PART #	SSC PART #	MODEL	BUTTON FUNCTION	APPLICATION YEARS
22756463	5923885	Cadillac Escalade 4B FOB #1	L, U, P, RS	2007-2014
22756464	5923886	Cadillac Escalade 4B FOB #2	L, U, P, RS	2007-2014
22756465	5923887	Cadillac Escalade 6B FOB #1	L, U, P, LG, LGL, RS	2007-2014
22756466	5923888	Cadillac Escalade 6B FOB #2	L, U, P, LG, LGL, RS	2007-2014

L = Lock	U = Unlock	P = Panic
RS = Remote Start	T = Trunk	LG = Lift Glass
LGL = Lift Gate	CRG = Cargo Door	SD = Side Door

GM ORIGINAL EQUIPMENT DIAGNOSTIC TOOL PROGRAMMABLE REMOTES

GM FOBS

GM PART #	SSC PART #	MODEL	BUTTON FUNCTION	APPLICATION YEARS
22733524	5927407	Buick LaCrosse	L, U, T, P, RS	2005-2009
		Chevrolet Malibu		2004-2012
		Pontiac G6		2005-2010
		Pontiac Grand Prix		2005-2008
		Saturn Aura		2007-2009
		Chevrolet Cobalt		2007-2010
		Pontiac G5		2007-2010
		Saturn Sky		2010
15252034	5927408	Buick LaCrosse* (RPO CODE AP8)	L, U, T, P	2005-2009
		Chevrolet Cobalt		2007-2010
		Chevrolet Malibu		2006-2012
		Pontiac G5		2007-2010
		Pontiac G6* (RPO CODE AP8)		2006-2010
		Pontiac Solstice		2007-2009
		Saturn Sky		2007-2010
		Pontiac Grand Prix* (RPO CODE AP8)		2005-2008
		Saturn Aura		2007-2009

GM PART #	SSC PART #	MODEL	BUTTON FUNCTION	APPLICATION YEARS
22733523	5927409	Buick LaCrosse* (RPO CODE AU0)	L, U, T, P	2005-2006
		Chevrolet Cobalt		2005-2006
		Chevrolet Malibu		2004-2005
		Pontiac G6* (RPO CODE AU0)		2005-2006
		Pontiac Solstice		2006
		Pontiac Grand Prix* (RPO CODE AU0)		2005-2006
		Chevrolet HHR		2006-2011
15114374	5927410	Chevrolet Uplander	L, U, P, RS	2005-2008
		Pontiac Montana		2005-2006
		Saturn Relay		2005-2007
		Buick Terraza		2005-2007
		Chevrolet HHR		2007-2011
15777636	5927411	Chevrolet Uplander	L, U, P	2006-2008
		Pontiac Montana		2006
		Saturn Relay		2006-2007
		Buick Terraza		2006-2007

*RPO Code can be found on the sticker in glove box.

CADILLAC ORIGINAL EQUIPMENT REMOTES

5931852 and 5931857

On-Board Programming Instructions #1

Programming with a Recognized Transmitter (Keyless Access Vehicles Only) A new transmitter can be programmed to the vehicle when there is one recognized transmitter. To program, the vehicle must be off and all of the transmitters, both currently recognized and new, must be with you.

1. Place the recognized transmitter(s) in the cupholder.
2. Insert the vehicle key of the new transmitter into the key lock cylinder located on the outside of the driver door and turn the key to the unlock position five times within ten seconds. The Driver Information Center (DIC) displays READY TO LEARN ELECTRONIC KEY #2, 3, 4, ETC.
3. Place the new transmitter into the transmitter pocket. The transmitter pocket is inside the center console storage area located between the driver and front passenger seats. The storage area will need to be opened and the storage tray lifted up to access the transmitter pocket. Cadillac SRX Owner Manual - 2010 Black plate (7,1) Keys, Doors and Windows 1-7
4. Press the ignition. When the transmitter is learned the DIC display will show that it is ready to program the next transmitter.
5. Remove the transmitter from the transmitter pocket and press K on the transmitter. To program additional transmitters, repeat Steps 3 through 5. When all additional transmitters are programmed, press and hold the ignition for 5 seconds to exit programming mode.

On-Board Programming Instructions #2

Programming without a Recognized Transmitter (Keyless Access Vehicles Only) If there are no currently recognized transmitters available, follow this procedure to program up to eight transmitters. This feature is not available in Canada. This procedure will take approximately 30 minutes to complete. The vehicle must be off and all of the transmitters you wish to program must be with you.

1. Insert the vehicle key of the transmitter into the key lock cylinder located on the outside of the driver door and turn the key to the unlock position five times within ten seconds. The Driver Information Center (DIC) displays REMOTE LEARN PENDING, PLEASE WAIT.
2. Wait for ten minutes until the DIC displays PRESS ENGINE START BUTTON TO LEARN and then press the ignition. The DIC displays will again show REMOTE LEARN PENDING, PLEASE WAIT.
3. Repeat Step 2 two additional times. After the third time all previously known transmitters will no longer work with the vehicle. Remaining transmitters can be relearned during the next steps. The DIC display should now show READY FOR REMOTE # 1. Cadillac SRX Owner Manual - 2010 Black plate (8,1) 1-8 Keys, Doors and Windows.
4. Place the new transmitter into the transmitter pocket. The transmitter pocket is inside the center console storage area located between the driver and front passenger seats. The storage area will need to be opened and the storage tray lifted up to access the transmitter pocket.
5. Press the ignition. When the transmitter is learned the DIC display will show that it is ready to program the next transmitter.
6. Remove the transmitter from the transmitter pocket and press K on the transmitter. To program additional transmitters, repeat Steps 4 through 6. When all additional transmitters are programmed, press and hold the ignition for 5 seconds to exit programming mode.

5931855 and 5931856

On-Board Programming Instructions #1

Programming with a Recognized Transmitter (Keyless Access Vehicles Only) A new transmitter can be programmed to the vehicle when there is one recognized transmitter. To program, the vehicle must be off and all transmitters, both currently recognized and new, must be with you.

1. Place the recognized transmitter(s) in the cupholder. Cadillac ATS Owner Manual - 2013 - crc - 6/5/12 Black plate (6,1) 2-6 Keys, Doors, and Windows.
2. Remove the key lock cylinder cap. See Door Locks on page 2 10. Insert the vehicle key into the key lock cylinder on the driver door handle, then turn the key counterclockwise to the unlock position five times within 10 seconds. The Driver Information Center (DIC) displays READY TO LEARN ELECTRONIC KEY #2, 3, 4, ETC.
3. Place the new transmitter into the transmitter pocket. The center console storage area will need to be opened to access the transmitter pocket.
4. Press the START/STOP button. When the transmitter is learned, the DIC display will show that it is ready to program the next transmitter.
5. Remove the transmitter from the transmitter pocket and press K or Q on the transmitter. To program additional transmitters, repeat Steps 3-5. When all additional transmitters are programmed, press and hold the START/STOP button for approximately 12 seconds to exit programming mode.

On-Board Programming Instructions #2

Programming without a Recognized Transmitter (Keyless Access Vehicles Only) If there are no currently recognized transmitters available, follow this procedure to program up to eight transmitters. This feature is not available in Canada. This procedure will take approximately 30 minutes to complete. The vehicle must be off and all transmitters to be programmed must be with you.

1. Remove the key lock cylinder cap. See Door Locks on page 2 10. Insert the vehicle key into the key lock cylinder on the driver door handle, then turn the key counterclockwise to the unlock position five times within 10 seconds. The Driver Information Center (DIC) displays REMOTE LEARN PENDING, PLEASE WAIT. Cadillac ATS Owner Manual - 2013 - crc - 6/5/12 Black plate (7,1) Keys, Doors, and Windows 2-7
2. Wait for 10 minutes until the DIC displays PRESS ENGINE START BUTTON TO LEARN and then press the START/ STOP button. The DIC display will again show REMOTE LEARN PENDING, PLEASE WAIT.
3. Repeat Step 2 two additional times. After the third time all previously known transmitters will no longer work with the vehicle. Remaining transmitters can be relearned during the next steps. The DIC display should now show READY FOR REMOTE # 1.
4. Place the new transmitter in the transmitter pocket. The center console storage area will need to be opened to access the transmitter pocket.
5. Press the START/STOP button. When the transmitter is learned, the DIC display will show that it is ready to program the next transmitter.
6. Remove the transmitter from the transmitter pocket and press K or Q on the transmitter. To program additional transmitters, repeat Steps 4-6. When all additional transmitters are programmed, press and hold the START/STOP button for approximately 12 seconds to exit programming mode.

CADILLAC FOBS

GM PART #	SSC PART #	MODEL	BUTTON FUNCTION	APPLICATION YEARS
20984232	5931852	Cadillac SRX	L,U,P	2010-2015
22865375	5931857	Cadillac SRX	L,U,LG,PRS	2010-2015

GM PART #	SSC PART #	MODEL	BUTTON FUNCTION	APPLICATION YEARS
22856929	5931855	Cadillac ATS, CTS, XTS	L,U,LG,P	2013-2014
22856930	5931856	Cadillac ATS, ELR, XTS	L,U,LG,PRS	2013-2015

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FORD COMPATIBLE REMOTES

On-Board Programming Instructions

1. Ensure the vehicle is electronically unlocked.
2. Put the key in the ignition.
3. Turn the key from the LOCK position to RUN.
4. Cycle eight times rapidly (within 10 seconds) between the LOCK position and RUN. **Note:** The eighth turn must end in the RUN position.
5. The doors will lock, then unlock, to confirm that the programming mode has been activated.
6. Within 20 seconds press any button on the remote entry transmitter.
Note: If more than 20 seconds have passed you will need to start the

procedure over again.

7. The doors will lock, then unlock, to confirm that this remote entry transmitter has been programmed.
8. Repeat Step 6 to program each additional remote entry transmitter.
9. Turn the ignition to the LOCK position after you have finished programming all of the remote entry transmitters.
10. The doors will lock, then unlock, to confirm that the programming mode has been exited.

FORD FOBS

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5925871	FORD	E-150	L, U, P	2004-2013
	FORD	E-150 Club Wagon		2004-2005
	FORD	E-150 Econoline (Mexico)		2007-2008
	FORD	E-250		2004-2013
	FORD	E-250 Super Duty		2004-2005
	FORD	E-350 Club Wagon		2004-2005
	FORD	E-350 Econoline (Mexico)		2007-2008
	FORD	E-350 Super Duty		2004-2013
	FORD	E-450 Super Duty		2004-2013
	FORD	E-550 Super Duty		2003
	FORD	Escape		2001-2007
	FORD	Expedition		1998-2002
	FORD	Explorer Sport		2002-2003
	FORD	Explorer Sport XLS		2003
	FORD	Explorer Sport XLT		2003
	FORD	Explorer		1998-2001
	FORD	Explorer Sport Trac		2001-2010
	FORD	F-150		1998-2003 2007-2009 2011-2013
	FORD	F-150 Heritage		2004
	FORD	F-250		1998-1999
	FORD	F-250 Lobo		1998-1999
	FORD	F-250 (Mexico)		2000
	FORD	F-250 Super Duty		2003-2005 2007-2010
	FORD	F-350 Super Duty		2002-2010
	FORD	F-450 Super Duty		2002-2010
	FORD	F53		2005
	FORD	F-550 Super Duty		2002-2010
	FORD	Freestar		2004-2007
	FORD	Freestyle		2005-2007
	FORD	Lobo (Mexico)		2001-2010
	FORD	Ranger		1998-2011
	FORD	Windstar		2003
	LINCOLN	Mark LT		2006-2008
	LINCOLN	Navigator		1998-2002
MAZDA	B2300	2001-2007		
MAZDA	B2500	1999-2001		

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5925871	MAZDA	B3000	L, U, P	1999-2007
	MAZDA	B4000		1999-2007
	MAZDA	Tribute		2001-2006 2008-2011
	MERCURY	Cougar		1999-2002
	MERCURY	Mariner		2005-2007
	MERCURY	Monterey		2004-2006
	MERCURY	Mountaineer		1998-2001
	FORD	Crown Victoria		1995-2011
	FORD	Escort		1998-2003
5925872	FORD	Expedition	L, U, P, T	2007-2012
	FORD	Explorer		2003 2005-2009
	FORD	Five Hundred		2005-2007
	FORD	Focus		2001 2004-2007
	FORD	GT		2006
	FORD	Mustang		2000-2004 2007-2013
	FORD	Taurus		1998-1999 2008-2013
	FORD	Thunderbird		2002-2005
	FORD	Windstar		1999-2000
	LINCOLN	Aviator		2003-2005
	LINCOLN	LS		2003-2006
	LINCOLN	MKS		2009-2012
	LINCOLN	Navigator		2007-2012
	LINCOLN	Town Car		1995-2002 2004-2011
	MERCURY	Cougar		1999-2002
	MERCURY	Grand Marquis		1995-2011
	MERCURY	Marauder		2003-2004
	MERCURY	Montego		2005-2007
	MERCURY	Mountaineer		2002-2010
	MERCURY	Sable		1998-1999 2008-2009
MERCURY	Tracer	1998-1999		

L = Lock	U = Unlock	P = Panic
RS = Remote Start	T = Trunk	LG = Lift Glass
LGL = Lift Gate	CRG = Cargo Door	SD = Side Door

TOYOTA COMPATIBLE REMOTES

On-Board Programming Instructions

Camry 2000-2001, Sienna 1999-2003, Solara 1999-2003, 4 Runner 1999-2002, Sequoia 2003-2007

1. Start with key out of ignition, driver's door is open, all others closed and driver's door is unlocked.
2. Insert key into the ignition (Do NOT Turn) and pull key out.
3. Perform these steps within 40 seconds:
 - a. Using the power lock switch on the driver's door, perform 5 lock/unlock cycles starting with lock. Use an even pace and try to go about one cycle per second (1 Cycle = 1 lock and 1 unlock).
 - b. Close, then open driver's door.
4. Perform these steps within 40 seconds:
 - a. Using the power lock switch on the driver's door, perform 5 lock/unlock cycles starting with lock. Use an even pace and try to go about one cycle per second (1 Cycle = 1 lock and 1 unlock).
 - b. Insert the key in the ignition cylinder.
 - c. Turn the ignition to ON (Do NOT Start) then back to OFF once to program remote while retaining the original remote codes. Twice to erase all original codes and add new remote. Three times to check how many remotes are programmed or five times to erase all original codes.
 - d. Remove the key from the ignition.
5. Within 3 seconds the power door locks should cycle automatically indicating successful entry into programming mode. Return to step 1 if the locks do not cycle at this point.
6. Perform these steps within 40 seconds:
 - a. Press the lock and unlock buttons on the remote simultaneously for 1 second.
 - b. Immediately after letting go of the lock and unlock buttons, press the lock button itself and hold for 2 seconds. Within 3 seconds, the door locks should cycle once indicating successful programming. If the door locks do not cycle, or cycle twice, repeat steps A and B in step 6 as your remote has not been accepted.
 - c. Repeat steps A and B in step 6 for each new remote.
7. Close driver's door.

Camry 2002-2006, Celica 2000-2005, Corolla 2003-2008, Echo 2000-2005, FJ Cruiser 2006-2008, Highlander 2001-2007, Matrix 2003-2008, 4 Runner 2003-2009, Prius 2000-2003, RAV4 2001-2005, Pontiac Vibe 2003-2008

1. Start with key out of ignition, driver's door is open, all others closed and driver's door unlocked.
2. Perform these steps within 5 seconds:
 - a. Insert key into the ignition (Do NOT Turn), and pull key out.
 - b. Insert key into the ignition (Do NOT Turn), and pull key out.
3. Perform these steps within 40 seconds:
 - a. Close, then open the driver's door.
 - b. Close, then open the driver's door.
 - c. Insert the key into the ignition (Do NOT Turn), and pull key out.
4. Perform these steps within 40 seconds:
 - a. Close, then open the driver's door.
 - b. Close, then open the driver's door.
 - c. Insert the key into ignition and leave it in ignition.
 - d. Close the driver's door.
 - e. Turn ignition to ON (Do NOT Start) then back to OFF.
 - f. Remove the key from the ignition.
5. Within 3 seconds the power door locks should cycle automatically indicating successful entry into programming mode. Return to step 1 if the locks do not cycle at this point.
6. Perform these steps within 40 seconds:
 - a. Press the lock and unlock buttons on the remote simultaneously for 1.5 seconds.
 - b. Immediately after letting go of the lock and unlock buttons, press the lock button itself and hold for 2 seconds. Within 3 seconds, the door locks should cycle once indicating successful programming. If the door locks cycle twice, repeat steps A and B in step 6 as the remote has not been accepted.
 - c. Repeat steps A and B in step 6 for each new remote.
7. Open driver's door.

TOYOTA FOBS

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5931638	TOYOTA	4 Runner	L, U, P	1999-2009
	TOYOTA	Celica		2000-2005
	TOYOTA	Echo		2000-2005
	TOYOTA	FJ Cruiser		2006-2008
	TOYOTA	Highlander		2001-2007
	TOYOTA	Prius		2000-2003
	TOYOTA	RAV4		2001-2005
5931639	TOYOTA	4 Runner	L, U, TG, P	1999-2009
	TOYOTA	Sequoia		2003-2007
5931640	PONTIAC	Vibe	L, U, P	2003-2008

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5931640	TOYOTA	Camry	L, U, P	2000-2006
	TOYOTA	Corolla		2003-2008
	TOYOTA	Matrix		2003-2008
	TOYOTA	Sienna		1999-2003
	TOYOTA	Solara		1999-2003
	5931641	PONTIAC		Vibe
TOYOTA		Camry	2002-2006	
TOYOTA		Matrix	2003-2008	
TOYOTA		Solara	2002-2003	

L = Lock	U = Unlock	P = Panic
RS = Remote Start	T = Trunk	LG = Lift Glass
LGL = Lift Gate	CRG = Cargo Door	SD = Side Door

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NISSAN COMPATIBLE REMOTES

On-Board Programming Instructions

Nissan 350Z 2002-2006, Altima 2002-2006, Maxima 2002-2006, Sentra 2007-20012, Frontier 2002-2012, Murano 2004-2006, Pathfinder 2002-2008, Quest 2003-2006, Titan 2002-2012, X-Terra 2002-2012, Infiniti G35 2003-2005, I35 2002-2004, FX35/45 2003-2007, QX4 2002-2003

All key fobs must be present and programmed when programming new fobs.

1. Close and lock all doors with the driver's side power lock/unlock switch.
2. Insert key into ignition and remove it from the ignition key cylinder at least six times within 10 seconds. Your Hazard Lamps will flash if you performed this step successfully. **Note:** Withdraw key completely from ignition cylinder each time. If this procedure is performed too fast, the system will not enter programming mode.
3. Insert key into the ignition cylinder and turn to the ACC position.
4. Within 5 seconds, push ANY button on the remote transmitter. Your Hazard Lamps should flash. **Note:** Do not press the button more than one time in the above step. If the button is pressed more than one time, the programming procedure will not be successful.
5. If there are any remaining transmitters (including the old ones), unlock then lock all doors using the driver's side power lock/unlock switch and within 5 seconds, push ANY button on the next remote. Your Hazard Lamps should flash. Repeat this step for each transmitter (including any existing transmitters).
6. Turn the key to the OFF position, remove keys from the ignition, unlock doors using the driver's side power lock/unlock switch and open the driver side door.
7. Test remote(s).

NISSAN FOBs

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5931636	INFINITI	FX35/45	L, U, P	2003-2007
	INFINITI	QX4		2002-2003
	NISSAN	Frontier		2002-2012
	NISSAN	Murano		2004-2006
	NISSAN	Pathfinder		2002-2008
	NISSAN	Quest		2003-2006
	NISSAN	Titan		2002-2012

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5931636	NISSAN	X-Terra	L, U, P	2002-2012
5931642	INFINITI	G35	L, U, T, P	2003-2005
	INFINITI	I35		2002-2004
	NISSAN	350Z		2002-2006
	NISSAN	Altima		2002-2006
	NISSAN	Maxima		2002-2006
	NISSAN	Sentra		2007-2012

NISSAN COMPATIBLE DIAGNOSTIC TOOL PROGRAMMABLE REMOTES

NISSAN FOBs

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5931643	INFINITI	G35	L, U, T, P	2007-2008
	INFINITI	G37		2008-2013
	INFINITI	FX35		2010-2012

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5931643	NISSAN	Altima	L, U, T, P	2007-2012
	NISSAN	Maxima		2008-2014
	NISSAN	Murano		2009-2014



SUBARU COMPATIBLE REMOTES

On-Board Programming Instructions (Subaru 1999-2008)

Baja 2005-2006, Forester 1999-2008, Impreza 1999-2008, Legacy 2006-2007, Outback 1999-2007, Tribeca 2006-2007

You must program the remote's unique 8-digit code into the vehicle to complete programming. A label with an 8-digit number is located on the outside of the remote. Original remotes will have this code on the circuit board inside the remote.

- To begin, sit in the driver's side seat and close all doors including the trunk.
- Within 45 seconds open and close the driver's door one time.
- Turn the ignition key from Lock to ON 10 times within 15 seconds. End in the locked position. **DO NOT REMOVE KEY!**
- A buzzer sound and interior light may continue to flash until remote codes are completely registered. Continue to the next step even if there is no sound or flashing light. If you did not perform the previous steps within 45 seconds programming may be unsuccessful.
- If the previous steps were completed in 45 seconds, open and close the driver's door. An electronic tone will begin to sound.
- Use the power lock button located on the door to enter the 8-digit code before the chime stops.
- Push the power lock button to the lock position the same number of times as the first number of the 8-digit code. EXAMPLE: - 64241132- Press power lock button to lock 6 times.
- When complete push power lock button to unlock 1 time.
- Continue to enter the remaining numbers of the code using the instructions in step 7 and 8 until all 8 digits of the code have been entered.
- When finished entering all 8 digits, push the power lock button to unlock one time and then repeat entering the code a second time.
- When the 8-digit code has been entered twice an electronic tone will sound for 30 seconds or locks will cycle. After the tone or cycle ends, start the vehicle, turn off vehicle and remove key.
- To complete programming, test remote. If remote does not lock or unlock vehicle start steps from beginning.
- Repeat process to add any additional remotes.

SUBARU FOBS

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5931637	SUBARU	Forester	L, U, T, P	1999-2004
	SUBARU	Impreza		1999-2004
	SUBARU	Legacy		2004-2005
	SUBARU	Outback		1999-2007

SSC PART #	MAKE	MODEL	BUTTON FUNCTION	APPLICATION YEARS
5931637	SUBARU	Tribeca	L, U, T, P	2006-2007
5931644	SUBARU	Baja	L, U	2005-2006
	SUBARU	Forester		2005-2008
	SUBARU	Impreza		2005-2008

L = Lock	U = Unlock	P = Panic
RS = Remote Start	T = Trunk	LG = Lift Glass
LGL = Lift Gate	CRG = Cargo Door	SD = Side Door

REPLACEMENT BATTERIES FOR ALL CAR MAKES



692497 – Batteries
(Panasonic Button Cell CR2032)
10-Pack Individually Bagged



4529207 - Batteries
(Panasonic Button Cell CR2025)
10-Pack individually bagged



4532727 - Batteries
(Panasonic Button Cell CR2450)
10-Pack individually bagged

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