NISSAN - INFINITI

UNLOCKING TECHNOLOGY

NISSAN

INFINITI.

ADVANCED DIAGNOSTICS

NISSAN/INFINITI

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F REMOTE CONTROL PROGRAMMING

NISSAN (ADS112)

				1234		PRO		AD100
ALMERA	ALL	✓	🖐	✓✗	@	ADC151	A	ADC110-B
ALMERA TINO	ALL	✓	🖐	✓	@	ADC151	A	ADC110-B
ALTIMA	2000	TYPE 3	🖐	✗	@	ADC151	F	ADC135 & ADC133
ALTIMA	2001⇨2006	TYPE 4	🖐	5523	@	ADC151	A	ADC110-B OR ADC118-B
ARMADA	2004⇨2007	TYPE 4	🖐	✓	@	ADC151	A	ADC110-B
CABSTAR/D22	ALL	✓	🖐	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B + ADC133
DUALIS	ALL	✓	🖐	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B + ADC133
FRONTIER	2006⇨2008	TYPE 4	🖐	✓	@	ADC151	A	ADC110-B
INTERSTAR**	ALL	✓	🖐	✓	@	ADC151	A	ADC110-B
KUBISTAR**	⇨2007	✓	🖐	✓	@	ADC151	A	ADC110-B
PRIMASTAR**	ALL	✓	🖐	✓	✓	ADC151	A	ADC110-B
MAXIMA	1999	TYPE 3	🖐	✗	@	ADC118-B	B	ADC118-B & ADC133
MAXIMA	2000⇨2003	TYPE 4	🖐	5523	@	ADC151	A	ADC110-B
MAXIMA	2004⇨2006	TYPE 4	🖐	✓	@	ADC151	A	ADC110-B
MURANO	2003⇨2008	TYPE 4	🖐	✓	@	ADC151	A	ADC110-B
MICRA	ALL	✓	🖐	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B + ADC133
NAVARA	ALL	✓	🖐	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B + ADC133
PATHFINDER	1999⇨2000	TYPE 3	🖐	✗	@	ADC118-B	B	ADC118-B & ADC133
PATHFINDER	2001⇨2004	TYPE 4	🖐	5523	@	ADC151	A	ADC110-B
PATHFINDER	2005⇨2007	TYPE 4	🖐	✓	@	ADC151	A	ADC110-B
PATROL	ALL	✓	🖐	✗	@	ADC118-B	B	ADC118-B + ADC133
PRIMERA	ALL	✓	🖐	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B + ADC133
PULSAR	ALL	✓	🖐	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B + ADC133
QUEST	2004⇨2007	TYPE 4	🖐	✓	@	ADC151	A	ADC110-B
SENTRA	2000⇨2006	TYPE 4	🖐	5523	@	ADC151	A	ADC110-B
SERENA	ALL	✓	🖐	✗	@	ADC118-B	B	ADC118-B + ADC133
SKYLINE	ALL	✓	🖐	✓	@	ADC151	A	ADC110-B
STANZA	ALL	✓	🖐	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B

** = REQUIRES RENAULT SOFTWARE

APPLICATIONS

A

NISSAN (ADS112)

			1234	1234	PRO		AD100
TITAN	2004⇨2007	TYPE 4	✋	✓	@	ADC151	A	ADC110-B
TERRANO II	ALL	✓	✋	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B + ADC133
TEANA	ALL	✓	✋	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B + ADC133
TIIDA	ALL	✓	✋	✓	@	ADC151	A	ADC110-B
VANETTE	ALL	✓	✋	✓✗	@	ADC118-B OR ADC151	A or B	ADC110-B OR ADC118-B + ADC133
XTERRA	2002⇨2004	TYPE 4	✋	5523	@	ADC151	A	ADC110-B
XTERRA	2005⇨2007	TYPE 4	✋	✓	@	ADC151	A	ADC110-B
X-TRAIL SPORT	ALL	TYPE 4	✋	✓	@	ADC151	A	ADC110-B
200SX	ALL	✓	✋	✗	@	ADC118-B	B	ADC118-B
350 Z	2005⇨2007	TYPE 4 OR TYPE 9	✋	✓	@	ADC151	A	ADC110-B

ADVANCED DIAGNOSTICS

APPLICATIONS

A

NISSAN PROXIMITY (ADS159)

				1234		PRO		AD100
ALTIMA PUSH BUTTON	2007 ⇨ 2011	PROX 3	✓	✓	@	ADC151	A	ADC110-B
ARMADA (REG IGN)	2008 ⇨ 2009	TYPE 9	✓	✓	@	ADC151	A	ADC110-B
ARMADA (TWIST IGN)	2008 ⇨ 2009	PROX 1	✓	✓	@	ADC151	A	ADC110-B
CUBE * (PROX SYSTEM)	2008 ⇨	PROX 1	✓	✓	@	ADC151	A	✕
CUBE * (REG IGN)	2008 ⇨	TYPE 9	✓	✓	@	ADC151	A	✕
QUEST	2008	TYPE 9	✓	✓	@	ADC151	A	ADC110-B
MAXIMA (TWIST IGN)	2007 ⇨ 2008	PROX 1	✓	✓	@	ADC151	A	ADC110-B
MICRA K12 ** (NON PROXIMITY)	2003 ⇨		✓	✓	✓	✓	ADC151	G	ADC110-B
MICRA K12 (PROXIMITY)	2003 ⇨		✓	✓	✓	✕	ADC151	G	ADC110-B
MURANO (TWIST IGN)	2005 ⇨ 2008	PROX 1	✓	✓	@	ADC151	A	ADC110-B
NOTE ** (NON PROXIMITY)	2003 ⇨		✓	✓	✓	✓	ADC151	G	ADC110-B
NOTE (PROXIMITY)	2003 ⇨		✓	✓	✓	✕	ADC151	G	ADC110-B
PATHFINDER (REG IGN)	2008 ⇨ 2009	TYPE 9	✓	✓	@	ADC151	A	ADC110-B
QASHQAI * (REG IGN)	2007 ⇨	TYPE 9	✓	✓	@	ADC151	A	✕
QASHQAI * (PROX SYSTEM)	2007 ⇨	PROX 1	✓	✓	@	ADC151	A	✕
ROQUE	2008 ⇨ 2009	TYPE 9	✓	✓	@	ADC151	A	ADC110-B
SENTRA (REG IGN)	2008 ⇨ 2009	TYPE 9	✓	✓	@	ADC151	A	ADC110-B
TITAN	2008 ⇨ 2009	TYPE 9	✓	✓	@	ADC151	A	ADC110-B
VERSA (REG IGN)	2007 ⇨ 2009	TYPE 9	✓	✓	@	ADC151	A	ADC110-B
XTERRA	2008 ⇨ 2009	TYPE 9	✓	✓	@	ADC151	A	ADC110-B
350Z	2008		✓	✓	✓	@	ADC151	A	ADC110-B

* PRO ONLY

** PIN CODE READING FOR THESE MODELS REQUIRES ADS180 RENAULT 2011

NISSAN USA 2009 (ADS169)

				1234		PRO		AD100
370Z	2009	NISSAN 09	✓	✓	@	ADC151	A	×
ALTIMA	2009	NISSAN 09	✓	✓	@	ADC151	A	×
ALTIMA HYBRID	2009	NISSAN 09	✓	✓	@	ADC151	A	×
CUBE * (PROX SYSTEM)	2008 ⇨	PROX 1	✓	✓	@	ADC151	A	×
CUBE * (REG IGN)	2008 ⇨	TYPE 9	✓	✓	@	ADC151	A	×
MAXIMA	2009	NISSAN 09	✓	✓	@	ADC151	A	×
MURANO WITH PROX	2009	NISSAN 09	✓	✓	@	ADC151	A	×
ROQUE WITH TWIST IGN	2008 ⇨2009	NISSAN 09	✓	✓	@	ADC151	A	×
SENTRA WITH TWIST IGN	2007 ⇨2009	NISSAN 09	✓	✓	@	ADC151	A	×
VERSA WITH TWIST IGN	2007 ⇨2009	NISSAN 09	✓	✓	@	ADC151	A	×

WWW.ADVANCED-DIAGNOSTICS.CO.UK

WWW.ADUSA.US

APPLICATIONS

INFINITI (ADS112)

				1234		PRO		AD100
FX35	2003 ⇨2007	TYPE 4	✋	✓	@	ADC151	A	ADC110-B
FX35	2008	TYPE 9	✋	✓	@	ADC151	A	ADC110-B
FX45	2003 ⇨2007	TYPE 4	✋	✓	@	ADC151	A	ADC110-B
FX45	2008	TYPE 9	✋	✓	@	ADC151	A	ADC110-B
G20	2000 ⇨2002	TYPE 4	✋	✓✗	@	ADC151	A	ADC110-B
G35	2003 ⇨2007	TYPE 4	✋	✓	@	ADC151	A	ADC110-B
I30	1999	TYPE 3	✋	✓✗	@	ADC151	A	ADC110-B
I30	2000 ⇨2004	TYPE 4	✋	✓✗	@	ADC151	A	ADC110-B
I35	2000 ⇨2004	TYPE 4	✋	✓✗	@	ADC151	A	ADC110-B
Q45	1997	TYPE 2	✋	✗	@	ADC151	A	ADC110-B
Q45	1998 ⇨1999	TYPE 3	✋	✗	@	ADC151	A	ADC110-B
QX4	1999 ⇨2000	TYPE 3	✋	✓✗	@	ADC151	A	ADC110-B
QX4	2001 ⇨2004	TYPE 4	✋	✓✗	@	ADC151	A	ADC110-B
QX56	2004 ⇨2007	TYPE 4	✋	✓	@	ADC151	A	ADC110-B

INFINITI USA PROXIMITY (ADS159)

				1234		PRO		AD100
FX35/FX45/50 TWIST IGN	2003⇨2008	PROX1	✓	✓	@	ADC151	A	ADC110-B
G35(COUPE) TWIST IGN	2005⇨2007	PROX1	✓	✓	@	ADC151	A	ADC110-B
G35(4 DOOR) TWIST IGN	2005⇨2006	PROX1	✓	✓	@	ADC151	A	ADC110-B
G35(4 DOOR) PUSH BUTTON	2007⇨2008	PROX3	✓	✓	@	ADC151	A	ADC110-B
G37(2 DOOR)	2008	PROX3	✓	✓	@	ADC151	A	ADC110-B
M35/M45 PUSH BUTTON	2006⇨2007	PROX2	✓	✓	@	ADC151	A	ADC110-B

APPLICATIONS

INFINITI USA 2009 (ADS169) *

				1234		PRO		AD100
EX35	2008⇨2009	NISSAN 09	✓	✓	@	ADC151	A	✗
FX35/45/50 TWIST IGN	2009	NISSAN 09	✓	✓	@	ADC151	A	✗
G37(2 DOOR)	2009	NISSAN 09	✓	✓	@	ADC151	A	✗
G37(4 DOOR)	2009	NISSAN 09	✓	✓	@	ADC151	A	✗
M35/45	2008⇨2009	NISSAN 09	✓	✓	@	ADC151	A	✗
QX56	2008⇨2011	NISSAN 09	✓	✓	@	ADC151	A	✗

* PRO ONLY

ADVANCED DIAGNOSTICS

DIAGNOSTIC SOCKETS/PORTS

B

NISSAN

MICRA

PRIMERA

PRIMERA 2002

SERENA

ALMERA

CUBE

NEW MICRA

SKYLINE

WINGROAD

BLUEBIRD

MICRA 14 PIN

PRIMERA K12

ADVANCED DIAGNOSTICS

DIAGNOSTIC SOCKETS/PORTS

B

NISSAN

TERRANO 14 PIN

MURANO

MAXIMA

TIIDA

PIXO

XTRAIL (T31)

NAVARA (D40)

XTRAIL (T30)

PATHFINDER (R51)

BLUEBIRD SYLPHY

PATROL (Y51)

JUKE

GENERAL OPERATION

INTRODUCTION

The Nissan Anti Theft System (NATS) was introduced initially around 1995 with a basic
immobiliser, which did not use key transponders. This system was known as NATS 1.
Subsequently NATS 2 was introduced which uses the transponder technology.

Further iterations of the NATS system have been introduced, up to NATS 6.5. The earlier systems use a security timed access, similar to Ford systems, which require a period of time before the keys can be programmed.

NATS 5 uses a pin code, as with GM and VAG systems. This system was fitted on vehicles from 2001 MY onwards.

A further development is the introduction of a CAN system that was first introduced on the Micra in 2003. The Micra system comes in two forms either the Intelligent System or
Non-Intelligent system.

NATS IGNITION KEY

This uses standard transponder technology, and have both RED and BLUE chips to
identify non crypto and crypto type transponders. The BLUE chip types are fitted on the
latest NATS 5 system.

When programming keys, on NATS systems up to NATS 4, all keys stored in memory will be deleted, however on NATS 5 additional keys can be added. Up to 5 keys can be programmed into NATS 5 systems, and 4 keys into NATS 2,3 & 4 systems.

NATS IMMOBILISER UNIT

The NATS immobiliser unit, is normally mounted next to the ignition switch or behind the fascia area. The unit is sometimes also fitted with a dongle unit, and is fitted on right hand drive European vehicles for extra security.

The NATS immobiliser controls signals to the Engine Control Module (ECM) which inhibit starting.

On later systems there is also an input from the Audio system, which if disconnected
inhibits the starting of the vehicle.

On CAN systems the immobiliser function is part of the Body Control Module (BCM), which controls signals to the Engine Control Module (ECM) which inhibit starting.

NATS SECURITY INDICATOR

The security LED is normally mounted in the dashboard area and indicates the status of the system.

When a problem is detected, the LED will indicate the fault as listed in the following
table when the IGN is ON or in accessory position.

CAN SYSTEMS

NON-INTELLIGENT SYSTEM
This system uses a key with a combined remote control in the key head.

INTELLIGENT SYSTEM
The intelligent system uses a key fob that has a folding key blade that can be used in emergencies.

This system works by proximity detection ie when the driver is within a few feet of the vehicle the door automatically unlocks. To start the vehicle the driver depresses the brake pedal and turns the butterfly ignition without putting the key in the ignition. In emergency situations the key blade

GENERAL OPERATION

C

CONDITION	WITH DONGLE		WITHOUT DONGLE	
	ENGINE CHECK LIGHT	NATS LED	ENGINE CHECK LIGHT	NATS LED
NATS FAULT (NO DONGLE FAULT)		6FLASHES& ON AFTER IGN IS SWITCHED ON		LED ON
NATS FAULT (DONGLE FAULT)		REMAINS ON FOR 15 MINUTES AFTER IGN IS SWITCHED ON		
NATS FAULT AND ENGINE COMPONENT FAULT	LED ON	6FLASHES & ON AFTER IGN IS SWITCHED ON	LED ON	LED ON
ENGINE FAULT	LED ON		LED ON	
AFTER NATS PROGRAMMING		6 FLASHES		

IMMU	ECM received a signal from IMMU, indicating that IMMU is malfunctioning.
ECM	Control unit is faulty
CHAIN OF ECM-IMMU	Communication between ECM and IMMU
DIFFERENCE OF KEY	IMMU can receive the Key ID signal but ID verification between Key ID and IMMU is incorrect.
CHAIN OF IMMU KEY	IMMU cannot receive key ID & Dongle unit is malfunctioning (IF FITTED)
ID DISCORD, IMM-ECM	The result of ID verification between IMMU and ECM is no good. System programming is required.
ELECTRONIC NOISE	Electronic interference in NATS communication lines during communication.
DON'T ERASE BEFORE CHECKING ENG DIAG	Engine trouble code from Engine diagnostics detected.
LOCK MODE	When the starting operation is carried out 5 or more times consecutively, if an unregistered key is used or ECM or IMMU is faulty then the NATS system shifts to mode 1 to stop engine from starting.
ECM INT CIRC-IMMU	The malfunction of ECM internal circuit of IMMU communication line is detected.

SPECIAL FUNCTIONS

D

NISSAN—NATS 2,3 & 4 SYSTEMS

PROGRAM KEYS

VEHICLE SELECTION

+ LANCIA
+ MITSUBISHI
+ NISSAN
+ PEUGEOT
+ ROVER
+ SUZUKI

VEHICLE SELECTION

AUS
EURO
USA
PINCODE CONVERTOR

VEHICLE SELECTION

+ INTERSTAR
+ PRIMASTAR
+ MAXIMA
+ MICRA
+ NAVARA
+ PATROL

VEHICLE SELECTION

-> 2000
00 -> 03
+ 03 ->

SWITCH IGNITION ON

PRESS ENTER KEY

NOTE : THE IGNITION MUST ALREADY BE ON AT THIS STAGE, AS THE CONNECTION TO NATS 2 SYSTEMS CAN ONLY BE MADE WHEN IGNITION IS ON.

PROGRAM KEYS

ECU IDENTIFICATION

NATS 2 PETROL

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
SPECIAL FUNCTIONS

PRESS ENTER KEY

DIAGNOSTIC MENU

PROGRAM KEYS

PRESS ENTER KEY

PROGRAMMING KEYS

. . . . PLEASE WAIT

KEYS PROGRAMMED
PROCEDURE COMPLETE
CYCLE IN ADDITIONAL
KEYS NOW IF REQUIRED
DISCONNECT TESTER
FROM VEHICLE

PRESS ENTER KEY

NOTE : FOR ALL ADDITIONAL KEYS CYCLE IN EACH KEY NOW.

WHEN YOU TRY TO START THE VEHICLE THE SYSTEM THEN CLOSES AND NO MORE KEYS CAN BE ADDED.

SPECIAL FUNCTIONS

NISSAN—NATS 5 SYSTEMS

PROGRAM KEYS

VEHICLE SELECTION

+ LANCIA
+ **MITSUBISHI**
+ NISSAN
+ PEUGEOT
+ ROVER
+ SUZUKI

VEHICLE SELECTION

AUS
EURO
USA

VEHICLE SELECTION

NISSAN SYSTEMS
ALMERA
ALMERA TINO
CABSTAR
INTERSTAR
PRIMASTAR

VEHICLE SELECTION

PETROL
DIESEL

VEHICLE SELECTION

> 2000
2000 >

SWITCH IGNITION ON

PRESS ENTER KEY

PROGRAM KEYS

ECU IDENTIFICATION

NATS 5

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
SPECIAL FUNCTIONS

PRESS ENTER KEY

DIAGNOSTIC MENU

PROGRAM KEYS

PRESS ENTER KEY

SECUIRTY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	0

SECUIRTY CODE

1 2 3 4

✖   ✔

KEY PROGRAMMED
CYCLE IN ADDITIONAL
KEYS

PRESS ENTER KEY

PROGRAM KEYS

NOTE : AT THIS POINT CYCLE IN ALL KEYS THAT ARE REQUIRED TO BE PROGRAMMED.

DO NOT START THE VEHICLE AS THIS CLOSES THE PROGRAMMING CYCLE.

NISSAN—NATS 5 SIEMENS PIN CODE

PINCODE CONVERTOR

PINCODE CONVERTOR

VEHICLE SELECTION

+ LANCIA
+ MITSUBISHI
+ NISSAN
+ PEUGEOT
+ ROVER
+ SUZUKI

PLEASE ENTER DATE CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	0

VEHICLE SELECTION

EURO
AUS
USA
PINCODE CONVERTOR

PLEASE ENTER DATE CODE

1 2 3 4

✘   ✔

VEHICLE SELECTION

SIEMENS
SUPERCODE
SUPERCODE LABELS

PLEASE ENTER PIN CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	0

PINCODE CONVERTOR

PRESS ENTER KEY

PLEASE ENTER PIN CODE

1 2 3 4

✘   ✔

NISSAN PIN CODE

PLEASE REFER TO THE MANUAL
TO IDENTIY THE DATE CODE
AND THE PIN CODE FROM THE
IMMOBILISER LABEL

PRESS ENTER KEY

NISSAN PIN CODE

MADE IN MEXICO   : 5E83
MADE IN GERMANY : 4343
MADE IN EUROPE   : 4343

NOTE : PLEASE SEE LABEL GUIDE
FOR DATE CODES AND PIN CODES
ON THE FOLLOWING PAGE.

NOTE : ON SOME MODELS YOU
WILL GET LETTERS IN THE PIN
CODE, IGNORE THESE AND USE
THE PIN CODE THAT HAVE
NUMBERS ONLY.

IF THERE ARE MORE THAN 1 PIN
CODE THEN TRY EACH ONE IN
TURN TO FIND CORRECT PIN.

SPECIAL FUNCTIONS

D

NISSAN—NATS 5 SIEMENS PIN CODE

RED NUMBER = DATE CODE

NOTE : IGNORE THE LAST 2 DIGITS, JUST INSERT THE FIRST 4 DIGITS INTO THE AD KEY PROGRAMMER.

GREEN NUMBER = ENCRYPTED PIN CODE

RED NUMBER = DATE CODE

GREN NUMBER = ENCRYPTED PIN CODE

ADVANCED DIAGNOSTICS
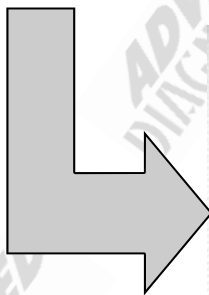
NISSAN—NATS 5 SUPERCODE(ADC176)

PINCODE CONVERTOR

PINCODE CONVERTOR

VEHICLE SELECTION

+ LANCIA

+ MITSUBISHI

+ NISSAN

+ PEUGEOT

+ ROVER

+ SUZUKI

NISSAN PIN CODE

INITIALISING DONGLE

PRESS ENTER KEY

VEHICLE SELECTION

EURO

AUS

USA

PINCODE CONVERTOR

NISSAN SUPERCODE

_ _ _ _

1	2	3	4	5
6	7	8	9	0

VEHICLE SELECTION

SIEMENS

SUPERCODE

SUPERCODE LABELS

PLEASE ENTER DATE CODE

A 1 2 3 4

✖   ✓

PINCODE CONVERTOR

PRESS ENTER KEY

NISSAN PIN CODE

PINCODE: 1234

PLEASE TURN OFF TESTER

NISSAN PIN CODE

PLEASE ENSURE THAT

THE NISSAN SUPERCODE

DONGLE IS FITTED

AND THE TESTER IS

POWERED FROM THE VEHICLE

PRESS ENTER KEY

NOTE : THE NISSAN SUPERCODE DONGLE ONLY WORKS WHEN YOU ARE CONNECTED TO THE VEHICLE POWER.

IT WILL NOT WORK CONNECTED THROUGH THE POWER CONNECTOR !

SPECIAL FUNCTIONS

D

NISSAN—NATS 5 SUPERCODE (ADC176)

BRAND NAME : NISSAN
MANUFACTURE : Calsonic Kansei Corp.
MODEL NO. : CSSU58
FCC ID : KBRCSSU58
IC : 2111B-CSSU58
CMII ID : 2004DJ0868
PART No. : 285F5EH100
LOT No. : 6920

ETC093LPD0045 R-LPD1-04-0134

69L00223

NOTE : USE BCM READ FUNCTION ON PRO SOFTWARE TO READ BCM CODE ON THIS TYPE.

28591 C9909

Lot No. 2228
UNIT CODE 0034E

284B2 4X 01B 74241 01
NISSAN
SIEMENS VDO 5WK4 9368
F 6E14
24 AI-00-0103

284B2 JD 02B 71542 01
NISSAN
SIEMENS VDO 5WK4 9374
CE SPLS/RX-9/2001 433 MHz
Ref.5WK4 8883/5WK4 8812
B13A4
24 AI-00 0103

284B2 EB 300 60731 11
NISSAN
SIEMENS VDO 5WK4 8935
433 MHz
SPLS/RX-9/2001 Ref.5WK4 8883 24 AI-00 0081
8F 4B0
CE C
Approved by IDA for use in Singapore
DB01752

Calsonic Kansei Corp.
PART NO. : 284B28990D FLJ001
PART NAME : BCM SAE J1690
LOT NO. : 6216 DOT
MODEL NO. : BN004
NO. : 11006
D
FRONT
E11 116RI-000010

CalsonicKanSei
FLJ001
SAE J1590
DOT
284B1CD410
3209
36B31

RECIEVER   IMMOBILIZER
FCC ID : KBRTSTU50   FCC ID : KR5Nissan USA
MODEL ID : TSTU50   MODEL ID : NISSAN USA
IC : 2111B-TSTU50   Canada: 267104647
                                     By SIEMENS VDO
電波 92LP0562   AUTOMOTIVE AG
CONT BCM   PART NO 284B1CB800
FLN002   LOT NO 4825
SAE J1690   NO   11120
DOT

Calsonic Kansei Corp. MADE IN JAPAN

Calsonic Kansei Corp.
FLN002   PART NO. : 284B19J400
SAE J1690   PART NAME : BCM
DOT   LOT NO. : 4205
              MODEL NO. : MW1014
              NO. 27554

E11	10	02 2033
	97	I 01 2021

E11	10	02 2033
	97	I 01 2021

CONT BCM   LOT NO. : 6407
FLJ001   MODEL NO. : MW1014
SAE J1690   PIN CODE 68383
DOT
MADE IN JAPAN 284B1CG80A
CALSONIC KANSEI

CONT BCM   LOT NO 6125
FLN002   NO 7E665
SAE J1690
DOT
MADE IN JAPAN 284B1CL70A
CALSONIC KANSEI

ADVANCED DIAGNOSTICS

NISSAN—NATS 5 SUPERCODE(ADC176)

01858
NISSAN
284B1 **JA02A**
FCC ID:KR5S122736001
IC:267T−22736001
RLVSIS106−527
SIE−S122736002
See service manual

SIEMENS VDO
S122736001O1
08040
84110780400409
12V
Made in Mexico

V770

CalsonicKansei

FLN002
SAE J1690
DOT
284B1 8S100
4501
A8D37

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1)This device may not cause harmful interference.
and(2)This device must accept any interference
received. Including interference that may
undesired operation.

RECIEVER
FCC ID K8RTSTC15
MODEL ID:TSTC15
Canada:2111104396A

IMMOBILIZER
FCC ID:KR5Nissan U5A
MODEL ID NISSAN U5A
Canada:267101647
BY SIEMENS VDO
AUTOMOTIVE AG

電波91LP0143

CONT BCM   PART NO 284B1 AM810
FLN001   LOT NO 3319
SAE J1690
DOT   NO 18283
CalsonicKansei Corp. MADE IN JAPAN

B

SPECIAL FUNCTIONS

D

NISSAN—2009 > Pin Codes

In 2009 Nissan changed the pin code system on ALL models across the world. This new system currently uses a dealer only pin code system.

The Nissan SUPERCODE or the SIEMENS converter will not work on this new system.

The way to identify if the vehicles that use this new system is to check the label on the BCM, if it has the manufacturer name CONTINENTAL then this uses the new pin code system.

These pin codes can be obtained as follows :-

1. Advanced Diagnostics Pin code service, using PAYPAL as payment (24 hours service)
2. Direct from a Nissan dealer.
3. NASTF system in the USA.

A couple of examples of a BCM are shown....
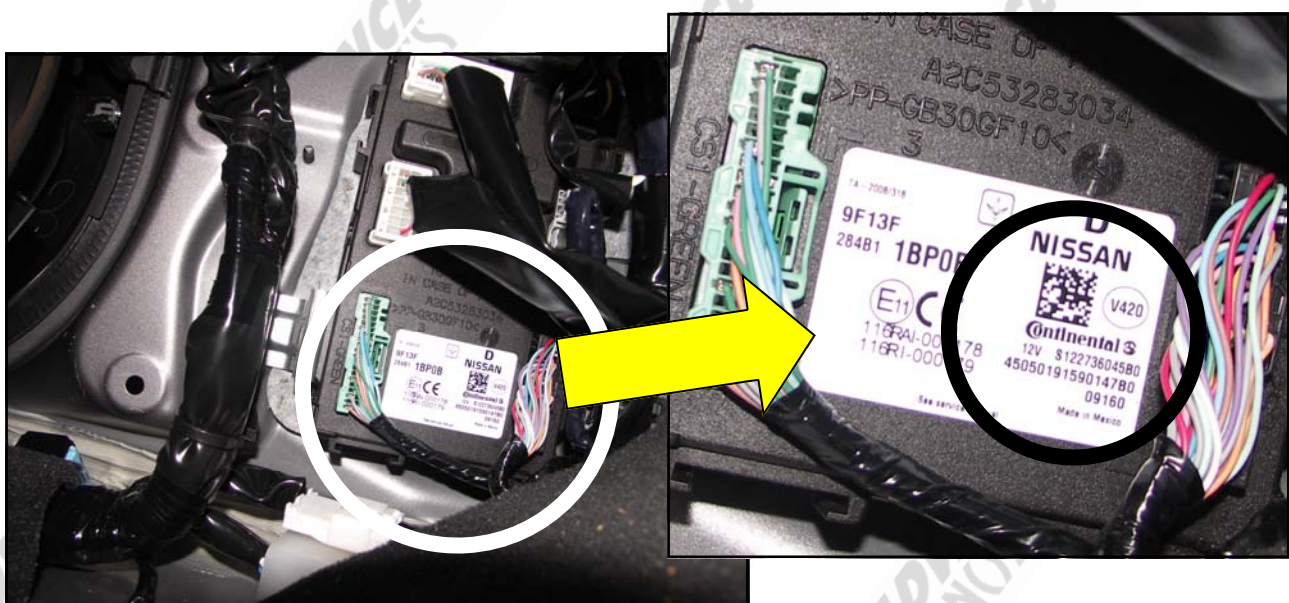
NISSAN—NATS 6.5 NOTE/K12 SYSTEM

PROGRAM KEYS

VEHICLE SELECTION
+ LANCIA
+ MITSUBISHI
+ NISSAN
+ PEUGEOT
+ ROVER
+ SUZUKI

VEHICLE SELECTION
AUS
EURO
USA

VEHICLE SELECTION
NISSAN SYSTEMS
MAXIMA
MICRA
NAVARRA
NOTE
PRIMASTAR

VEHICLE SELECTION
NORMAL
INTELLIGENT

NOTE : IF NO COMMUNICATION IS RECEIVED, SWITCH ON THE HAZARD WARNING LIGHTS WHILE PROGRAMMING.

IGNITION OFF

PRESS ENTER KEY

PROGRAM KEYS

ECU IDENTIFICATION

ECU NO. AX602

PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
SPECIAL FUNCTIONS

PRESS ENTER KEY

DIAGNOSTIC MENU
PROGRAM KEYS
KEYS PROGRAMMED
PROGRAM REMOTE
ERASE REMOTES
CHECK REMOTES

PRESS ENTER KEY

SWITCH IGNITION OFF
REMOVE KEY

PRESS ENTER KEY

PINCODE SOURCE

1.DEALER CODE
2. ADVANCED DIAGNOSTICS

1	2	3	4	5
6	7	8	9	0

NOTE : THE DEALER CODE IS WHAT HAS BEEN OBTAINED FROM THE DEALER.

THE AD CODE IS FOR FUTURE PIN CODE READING SOFTWARE.

PROGRAM KEYS

SECURITY CODE
__ __ _____

1	2	3	4	5
6	7	8	9	0

SECUIRTY CODE

1 2 3 A 5 6 B 8 9 0 1 F

✘   ✓

PROGRAM KEYS

SWITCH IGNITION ON

PRESS ENTER KEY

NOTE : ENSURE YOU START WITH AN UNPROGRAMMED KEY IN THE IGNITION, OTHERWISE AN ERROR WILL OCCUR.

PROGRAM KEYS

IS THE SECURITY LED ON OR FLASHING

✘   ✓

PLEASE WAIT

. . . .

SPECIAL FUNCTIONS

NISSAN—NATS 6.5 NOTE/K12 SYSTEM

PROGRAM KEYS

```
PROGRAM KEYS

SWITCH IGNITION OFF


PRESS ENTER KEY
```

```
PLEASE WAIT

. . . . . . . . . . .
```

```
PROGRAM KEYS

DO YOU WANT TO
PROGRAM MORE KEYS

 ✖            ✔
```

```
PROGRAM KEYS

REMOVE KEY
INSERT NEXT KEY


PRESS ENTER KEY
```

```
PROGRAM KEYS

SWITCH IGNITION ON


PRESS ENTER KEY
```

```
PROGRAM KEYS

IS THE SECURITY LED
ON OR FLASHING

 ✖            ✔
```

PROGRAM KEYS

```
PROGRAM KEYS

SWITCH IGNITION OFF


PRESS ENTER KEY
```

```
PLEASE WAIT

. . . . . . . . . . .
```

```
PROGRAM KEYS

REMOVE KEY


PRESS ENTER KEY
```

```
PROGRAM KEYS

INSERT KEY
AND CYCLE IGN.


PRESS ENTER KEY
```

```
PROGRAM KEYS

PROCEDURE COMPLETE


PRESS ENTER KEY
```

```
NOTE : AFTER PROGRAMMING
CHECK EACH KEY.

CHECK THE KEY LIGHT
CHANGES FROM RED TO
GREEN AND FLASHES FOR 20
SECONDS AND THEN GOES
OUT FOR EACH KEY.
```

SPECIAL FUNCTIONS

PIN READ for NISSAN NOTE/K12 NORMAL

PIN READ

VEHICLE SELECTION
+ MERCEDES
+ MITSUBISHI
+ NISSAN
+ PERODUA
+ PEUGEOT
+ PLYMOUTH

VEHICLE SELECTION
+ ASIA
+ AUS
+ EURO
+ USA
+ PINCODE CONVERTOR

VEHICLE SELECTION
TERRANO I
+ TERRANO II
+ TIIDA
+ VANETTE
+ X—TRAIL
+ READ PINCODE

VEHICLE SELECTION
INTERSTAR
PRIMASTAR
+ MICRA
NOTE

HAZARDS ON / IGNITION OFF
PRESS ENTER KEY

ECU IDENTIFICATION
ECU No. : 52All
KEY # 1: 0C 61 83 24
KEY # 2: F1 3D 83 24
KEY # 3: EMPTY
KEY # 4: EMPTY
PRESS ENTER KEY

PIN READ

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS
PRESS ENTER KEY

DIAGNOSTIC MENU
> READ PINCODE
PRESS ENTER KEY

PINCODE
55 B7 AB F3 9E 7C
PRESS ENTER KEY

NISSAN—NATS PROXIMITY (STEP 1)

READ BCM

VEHICLE SELECTION
+ LANCIA
+ **MITSUBISHI**
+ NISSAN
+ PEUGEOT
+ ROVER
+ SUZUKI

VEHICLE SELECTION
AUS
EURO
USA

VEHICLE SELECTION
+ PRIMERA
+ PRIMASTAR
+ PULSAR
+ QASHQAI
+ SERENA
+ SKYLINE

VEHICLE SELECTION
+ J10

VEHICLE SELECTION
+ PETROL
+ DIESEL

VEHICLE SELECTION
+ MECHANICAL — KEY
+ I— KEY

READ BCM

VEHICLE SELECTION
NATS 5 < CAN > PROX
CONVERT BCM -> PIN

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

ECU IDENTIFICATION

NATS I— KEY

PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
>SPECIAL FUNCTIONS

PRESS ENTER KEY

DIAGNOSTIC MENU
> # 1. BCM READ
2. STEERING RELEASE
3. REGISTER E KEY
4. ERASE RKE FUNCTIONS
5. PROGRAM RKE FUNCTIONS

BCM SERIAL NUMBER

0A461

PRESS ENTER KEY

READ BCM

NOTE : USE THE NISSAN SUPERCODE ADC176 TO CONVERT THIS NUMBER TO THE 4 DIGIT PINCODE

SEE NEXT PAGE FOR PROCEDURE

NISSAN—NATS PROXIMITY (STEP 2)

PINCODE CONVERTOR

PINCODE CONVERTOR

VEHICLE SELECTION
+ LANCIA
+ MITSUBISHI
+ NISSAN
+ PEUGEOT
+ ROVER
+ SUZUKI

NISSAN PIN CODE
INITIALISING DONGLE
PRESS ENTER KEY

VEHICLE SELECTION
EURO
AUS
USA
PINCODE CONVERTOR

NISSAN SUPERCODE

_ _ _ _

1	2	3	4	5
6	7	8	9	0

VEHICLE SELECTION
SIEMENS
SUPERCODE
SUPERCODE LABELS

PLEASE ENTER DATE CODE

A 1 2 3 4

✗   ✓

PINCODE CONVERTOR
PRESS ENTER KEY

NISSAN PIN CODE
PINCODE: 1234
PLEASE TURN OFF TESTER

NISSAN PIN CODE
PLEASE ENSURE THAT
THE NISSAN SUPERCODE
DONGLE IS FITTED
AND THE TESTER IS
POWERED FROM THE VEHICLE
PRESS ENTER KEY

NOTE : THE NISSAN SUPERCODE DONGLE ONLY WORKS WHEN YOU ARE CONNECTED TO THE VEHICLE POWER.

IT WILL NOT WORK CONNECTED THROUGH THE POWER CONNECTOR !

SPECIAL FUNCTIONS

NISSAN—NATS PROXIMITY (STEP 3)

STEERING RELEASE

VEHICLE SELECTION
+ LANCIA
+ **MITSUBISHI**
+ NISSAN
+ PEUGEOT
+ ROVER
+ SUZUKI

VEHICLE SELECTION
EURO
AUS
USA
PINCODE CONVERTOR

VEHICLE SELECTION
+ J10

VEHICLE SELECTION
+ PETROL
+ DIESEL

VEHICLE SELECTION
+ MECHANICAL — KEY
+ I— KEY

VEHICLE SELECTION
NATS 5 < CAN > PROX
CONVERT BCM -> PIN

STEERING RELEASE

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

ECU IDENTIFICATION
NATS I— KEY

PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
>SPECIAL FUNCTIONS

PRESS ENTER KEY

DIAGNOSTIC MENU
> # 1. BCM READ
2. STEERING RELEASE
3. REGISTER E KEY
4. ERASE RKE FUNCTIONS
5. PROGRAM RKE FUNCTIONS

SECURITY CODE
_ _ _ _

1	2	3	4	5
6	7	8	9	0

SECUIRTY CODE
1 2 3 4

✘   ✔

STEERING RELEASE

STEER LOCK RELEASE
SUCCESS

PRESS ENTER KEY

SPECIAL FUNCTIONS

NISSAN—NATS PROXIMITY (STEP 4)

REGISTER INTELLI KEY

DIAGNOSTIC MENU
- # 1. BCM READ
- # 2. STEERING RELEASE
- > # 3. REGISTER E KEY
- # 4. ERASE RKE FUNCTIONS
- # 5. PROGRAM RKE FUNCTIONS

NOTE KEY INSERTED

IS KEY # 1

MAX. 4 KEYS ALLOWED

SWITCH IGNITION ON

PRESS ENTER KEY

SECURITY CODE

1234

IS THIS CORRECT?

YES=ENTER   NO=BACK

PROGRAM KEY

SWITCH IGNITION OFF

REMOVE KEY

PRESS ENTER KEY

PROGRAM KEYS

DO YOU WANT TO

PROGRAM MORE KEYS?

YES=ENTER   NO=BACK

PROGRAM KEY

INSERT KEY: # 1

SWITCH IGNITION ON

SECURITY INDICATOR

SHOULD FLASH 5 TIMES

PRESS ENTER KEY

REGISTER INTELLI KEY

PROGRAM KEY

SWITCH IGNITION OFF

REMOVE KEY

PRESS ENTER KEY

PROGRAM KEY

INSERT KEY: # 1

SWITCH IGNITION ON

SECURITY INDICATOR

SHOULD FLASH 5 TIMES

PRESS ENTER KEY

PROGRAM KEY

CHECK ENGINE STARTS

THEN PROCEED TO

NEXT STEP

PRESS ENTER KEY

DIAGNOSTIC MENU
- # 1. BCM READ
- # 2. STEERING RELEASE
- # 3. REGISTER E KEY
- # 4. ERASE RKE FUNCTIONS
- > # 5. PROGRAM RKE FUNCTIONS

PROGRAM RKE

CHECK ENGINE STARTS

THEN PROCEED TO

NEXT STEP

PRESS ENTER KEY

| **VERSION: 3.8 JAN 2011** | Copyright 2012 | **ADVANCED DIAGNOSTICS**

TIPS & HINTS

GENERAL

1.   5 keys can be programmed on NATS 5, all other system allow 4 keys.
2.   NATS 5 requires a PIN code, if the large letter on the antenna label is an A, then the PIN code is 5523, however if the letter is a B, the PIN code is random and will need to be sought from the dealer.
3.   On early systems the programming procedure on the AD100 requires that you observe the engine warning light for confirmation of key programming   complete. When programming a key, wait for the engine warning light to stop flashing- this indicates a successfully programmed key, insert the next key to be programmed at that point.
4.   There are different colour transponders for various signal frequencies.
5.   Fault code for "Lock out mode" (when an incorrect key has been used) can be removed with a coded key by turning the ignition on for one minute or, when no coded keys are available, by coding keys.
6.   Nissan Petrol NATS2, Fault code 225 read and fuse for headlights and engine management system faulty. Replaced and keys programmed successfully.
7.   On petrol Nissan vehicles, if a problem exists within the Engine Management system, then key programming will be blocked. The clear time will continue,   with PLEASE WAIT until the fault is cleared.
8.   Some vehicles, check the vehicle fuse, as some can be missing and will prevent key programming.
9.   If ERROR is received when programming keys, check the transponder that is being used for correct type.
10.   Nissan Navara NATS 2/5—use ADC133 & ADC135.
11.   Nissan Terrano. If communication problems are experienced try using ADC129.
12.   NISSAN K12 Key will not rotate until Brake Pedal Pressed (Only on Automatic vehicles)
13.   The security LED is normally mounted in the dashboard area and indicates the status of the system. When a problem is detected, the LED will indicate the fault as listed in the following table when the IGN is ON or in accessory position.
14.   If the immobiliser has been locked (incorrect PIN entry), disconnect battery and re-connect, then turn ignition on/ off three times.

CAN SYSTEMS

1.   When Programming the Intelligent System the key blade must be used to turn the ignition on & off as instructed by tester. The key will not be programmed otherwise.
2.   When programming the Non-Intelligent key the remote will be programmed at the same time.
3.   When entering the security code ensure Ignition is switched off & ignition key is REMOVED.
4.   If a key is inserted in the ignition and the security symbol flashes quickly this indicates an un-programmed key.

NISSAN MICRA K12 (2003 on) SMART KEY

If the programming procedure has failed and the vehicle will crank but not start then please follow the procedure below…

1. Complete Key programming, disconnect tester and verify that the key light turns GREEN when the brake pedal is pressed and the ignition is turned to the first position.

2. If the key light turns GREEN, the key is programmed, get out of the car and leave it for 2 minutes. Check the vehicle starts after 2 minutes.

3. DO NOT attempt to start the vehicle immediately after key programming

FAULT CODES

P1610 NATS lock mode (unregistered key has been used)
P1611 NATS malfunction - id between BCM and ECM is not good.
P1612 NATS Malfunction - communication not possible between NATS control unit and ECM
P1614 NATS control unit cannot receive the key ID
P1615 NATS control unit receives key signal but the result of verification between the key and the NATS is not good.
AD 100 has these listed as P10, P11, P12, P14, P15 respectively.

REMOTE PROGRAMMING

PATHFINDER

IMPORTANT: Before entering programming mode, have in possession all of the transmitters you will be using on the vehicle. Once you program the transmitter, all previous codes will be erased from the memory. The other transmitters will not be functional until you program the transmitters again.

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 have performed this step successfully. NOTE: Withdraw key completely from ignition cylinder each time. If this procedure is performed too fast, 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.

TIIDA

1. Close all doors.
2. Lock doors with drivers side power door lock switch.
3. Insert the Key and take out the Key 6 times.
4. Doors will UNLOCK.
5. Turn Key to accessory position.
6. Lock doors with drivers side door lock switch.
7. Press button on remote control.
8. Remove Key and check operation.

ALMERA	**ALMERA TINO**
PRIMERA	**MAXIMA**
MICRA	**SERENA**
VANETTE CARGO	**TERANO II**
XTRAIL	

Ensure all the doors have been unlocked, either by using a good transponder key or remote control plip key.

Procedure

1. Turn the ignition switch from Position 0 to ON 6 times within 10 seconds.
2. Then turn ignition switch to OFF position. Leave key in ignition switch.
3. After 2 seconds, the system will enter programming mode and will flash the warning lights twice.
4. Press and HOLD the unlock button on the Plip.
5. While pressing the unlock button, press the lock button 3 times.
6. Release the unlock button.
7. The warning lights will flash once to indicate successful programming.
8. Repeat procedure 4 to 7 for up to 4 plip key's.
9. When completed turn ignition ON, and the warning lights will flash 2 times.
10. Remove key, and check all plip key's for operation.

Note:
The programming mode will stop when either the ignition is switch ON, 4 plip keys have been programmed or no input signal either from the switch or plip keys has been received for 120 seconds.

NISSAN K12—ECU Control Unit Coding

Replacing the engine control unit on Micra K12:

Code ignition keys using AD100, MVP, Tcode or Codeseeker then:

1. Turn ignition switch "ON" and wait at least 1 second.
2. Turn ignition switch "OFF" and wait at least 10 seconds.
3. Start engine and warm it up to normal operating temperature.
4. Ensure:
   Battery voltage: More than 12.9V (At idle)
   Engine coolant temperature: 70 - 99°C (158 - 210°F)
   PNP switch: ON (Neutral selected)
   Electric loads switch: OFF
5. Turn ignition switch "OFF" and wait at least 9 seconds.
6. Start the engine and let it idle for at least 28 seconds.
7. Disconnect throttle position sensor harness connector (brown), then reconnect it within 5 seconds.
8. Wait 20 seconds.
9. Make sure that idle speed is within specifications.
10. Rev up the engine two or three times. Make sure that idle speed and ignition timing are within specifications.

ITEM SPECIFICATION

    Idle speed M/T: 700±50 rpm
    A/T: 800±50 rpm (in "P" or "N" position)
    Ignition timing M/T: 8±5° BTDC
    A/T: 10±5° BTDC (in "P" or "N" position)

QUEST   1996-02

IMPORTANT: Before entering programming mode, have in possession all of the transmitters you will be using on the vehicle. Once you program the transmitter, all previous codes will be erased from the memory. The other transmitters will not be functional until you program the transmitters again.

Procedure
1. Close and lock all doors.
2. Insert and remove key from ignition 6 times within 10 seconds.
3. The parking lamps or interior lights will flash 2 times to confirm programming mode.
4. All existing remotes will be erased.
5. Insert key into ignition and turn to the accessory position ACC.
6. Press the LOCK button on the first remote transmitter to be programmed.
7. The parking lamps or interior lights will flash 2 times to confirm remote is programmed.
8. To program next remote, unlock the vehicle using the LOCK/UNLOCK switch on the drivers door.
9. Press the LOCK button on the next remote transmitter to be programmed.
10. The parking lamps or interior lights will flash 2 times to confirm remote is programmed.
11. Repeat steps 8 and 9 for all remote controls.
12. Open drivers door to exit programming mode.

ALTIMA   2000-01

IMPORTANT: Before entering programming mode, have in possession all of the transmitters you will be using on the vehicle. Once you program the transmitter, all previous codes will be erased from the memory. The other transmitters will not be functional until you program the transmitters again.

Procedure
1. Close and lock all doors.
2. Insert and remove key from ignition 6 times within 10 seconds.
3. The indicators will flash 2 times to confirm programming mode.
4. All existing remotes will be erased.
5. Insert key into ignition and turn to the accessory position ACC.
6. Press the any button on the first remote transmitter to be programmed for at least 1 second or 2 times within 5 seconds.
7. Indicators will flash 2 times to confirm remote is programmed.
8. To program next remote, unlock the vehicle using the LOCK/UNLOCK switch on the drivers door.
9. Press the any button on the next remote transmitter to be programmed for at least 1 second or 2 times within 5 seconds, indicators will flash twice to confirm programming.
10. Repeat steps 8 and 9 for all remote controls.
11. Open drivers door to exit programming mode.

REMOTE PROGRAMMING

ARMADA	**2004-06**	**MAXIMA**	**2000-06**
TITAN	**2004-06**	**MURANO**	**2003-06**
FRONTIER	**2001-06**	**PATHFINDER**	**1999-04**
XTERRA	**2001-06**	**QUEST**	**2004-06**
SENTRA	**2000-06**	**NAVARA**	**2001-06**

Procedure
1. Close and lock all doors.
2. Insert and remove key from ignition 6 times within 10 seconds.
3. The indicators will flash 2 times to confirm programming mode.
4. All existing remotes will be erased.
5. Insert key into ignition and turn to the accessory position ACC.
6. Press the any button on the first remote transmitter to be programmed .
7. Indicators will flash 2 times to confirm remote is programmed.
8. To program next remote, unlock the vehicle using the LOCK/UNLOCK switch on the drivers door.
9. Press the any button on the remote transmitter to be programmed.
10. Repeat steps 8 and 9 for all remote controls.
11. Open drivers door to exit programming mode.

200SX	**1995-98**	**ALTIMA**	**1998-99**
240SX	**1995-98**	**FRONTIER**	**1998-00**
SENTRA	**1995-99**	**PATHFINDER**	**1996-98**
350Z	**2003-06**	**XTERRA**	**2000**
NAVARA	**1998-00**		

IMPORTANT: Before entering programming mode, have in possession all of the transmitters you will be using on the vehicle. Once you program the transmitter, all previous codes will be erased from the memory. The other transmitters will not be functional until you program the transmitters again.

Procedure
1. Close and lock all doors.
2. Insert and remove key from ignition 6 times within 10 seconds.
3. The indicators will flash to confirm programming mode.
4. All existing remotes will be erased.
5. Insert key into ignition and turn to the accessory position ACC.
6. Press the LOCK button on the first remote transmitter to be programmed.
7. Indicators will flash to confirm remote is programmed.
8. To program next remote, unlock the vehicle using the LOCK/UNLOCK switch on the drivers door.
9. Press the LOCK on the next remote control, and indicators will flash twice to confirm programming.
10. Repeat steps 8 and 9 for all remote controls.
11. Open drivers door to exit programming mode.

300ZX	**1994-96**	**ALTIMA**	**2002-06**
MAXIMA	**1995-99**		

Procedure
1. Close and lock all doors.
2. Open the trunk/tailgate.
3. Insert and remove key from ignition 6 times within 10 seconds.
4. The indicators will flash 2 times to confirm programming mode.
5. All existing remotes will be erased.
6. Unlock the vehicle using the drivers door LOCK/UNLOCK button.
7. Press the LOCK button on the first remote transmitter to be programmed.
8. To program next remote, unlock the vehicle using the LOCK/UNLOCK switch on the drivers door.
9. Press the LOCK on the next remote control, and indicators will flash twice to confirm programming.
10. Repeat steps 8 and 9 for all remote controls.
11. Open drivers door to exit programming mode.

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ADVANCED
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