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INFINITI® / NISSAN® 1990 - 2013

VERSION: 2015.02 DATE: MARCH, 2015

MODELS EQUIPPED WITH 14-PIN CONNECTOR AND OBD-II CONNECTOR (NON-CAN VEHICLES) (NOTE 1)

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICTION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
ENGINE Petrol Engine	– 2013	✔		✔	✔	✔ (Note 13)
ENGINE Diesel Engine	– 2013	✔	✔	✔	✔	✔ (Note 9)
ENGINE TSURU in Mexico	– 2013	✔		✔	✔	✔ (Note 13)
A/T Automatic Transmission	– 2013	✔		✔	✔	
NCVT Nissan Continuous Variable Transmission	– 2013	✔		✔	✔	
ABS Anti-Brake System	– 2013	✔	✔	✔	✔	✔ (Note 2)
SRS Air Bag	– 2013			✔	✔	
TCS Traction Control System	– 2013			✔	✔	
4WD 4-Wheel Drive	– 2013	✔		✔	✔	
D/SUS Dumping Suspension	– 2013			✔	✔	
NATS Nissan Anti-Theft System	– 2013			✔	✔	✔ Initialization Coding
IVMS In Vehicle Multiple System	– 2013			✔	✔	
BCM Body Control Module	– 2013			✔	✔	
SMART ENTRANCE	– 2013			✔	✔	✔
HEAD LAMP LEVELIZER	– 2013			✔	✔	

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICTION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
ADP Automatic Drive Positioner	– 2013			✔	✔	
EPS Electronic Power Steering	– 2013	✔		✔	✔	
ASCD Automatic Speed Control Device	– 2013			✔	✔	
TPMS Tire Pressure Monitoring System	– 2013			✔	✔	
ICC Intelligent Cruise Control	– 2013			✔	✔	
e-4WD Electric 4-Wheel Drive	– 2013			✔	✔	
VDC Vehicle Dynamic Control	– 2013			✔	✔	
ACTIVE SUSPENSION	– 2013			✔	✔	
HICAS High Capacity Actively Controlled Suspension	– 2013			✔	✔	
AIR LEVELIZER	– 2013			✔	✔	✔ (Note 15)
DIFFERENTIAL LOCK	– 2013			✔	✔	
REAR VIEW CAMERA	– 2013			✔	✔	
DISTANCE CONTROL	– 2013			✔	✔	
BATTERY CONTROLLER	– 2013			✔	✔	
ACTIVE ENGINE MOUNT	– 2013			✔	✔	
CHANGER COMMUNICATION	– 2013			✔	✔	
TORQUE CONTROL	– 2013			✔	✔	
TK ECU TYPE LKA Lane Keeping Assist	– 2013			✔	✔	
TK ECU TYPE Lane Keeping Assist	– 2013			✔	✔	
MOTOR ASSIST	– 2013			✔	✔	
MTR CONTROL	– 2013			✔	✔	

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SYSTEM	YEAR	DATA STREAM	CAN COMMUNICTION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
MTR Control (B)	– 2013			✔	✔	
MTR Control (B)-SUB	– 2013			✔	✔	
MTR Control (C)	– 2013			✔	✔	
MTR SUB	– 2013			✔	✔	
ODS Occupant Detection System	– 2013					Zero Point Reset

MODELS EQUIPPED WITH OBD-II CONNECTOR (ONLY CAN SYSTEMS) (NOTE 3)

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICTION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
ENGINE Petrol Engine	– 2013	✔		✔	✔	✔ (Note 6,7)
ENGINE Diesel Engine	– 2013	✔		✔	✔	✔ (Note 15)
AT / CVT Automatic Transmission	– 2013	✔		✔	✔	✔ (Note 10)
AWD / 4WD All Wheel Drive / 4-Wheel Drive	– 2013			✔	✔	
e-4WD Electric 4-Wheel Drive	– 2013			✔	✔	
ABS Anti-Brake System	– 2013	✔		✔	✔	✔ (Note 11)
SRS Airbag	– 2013			✔	✔	
ICC Intelligent Cruise Control	– 2013			✔	✔	
IKEY Intelligent Key	– 2013	✔	✔	✔	✔	✔ (Note 8)
EPS Electronic Power Steering	– 2013	✔	✔	✔	✔	
ADP Auto Drive Positioner	– 2013			✔	✔	
IPDM E/R Intelligent Power Distribution Module in the Engine Room	– 2013	✔		✔	✔	
TPMS Tire Pressure Monitor	– 2013	✔		✔	✔	✔ (Note 5)
Meter Instrument Cluster	– 2013			✔	✔	
Meter & A/C Amplifier Instrument Cluster & A/C Amplifier	– 2013			✔	✔	
BCM Body Control Module	– 2013	✔	✔	✔	✔	✔ (Note 4)
EHS/PKB Easy Hill Start/Parking Brake	– 2013			✔	✔	✔ (Note 17)

4WAS FRONT 4-Wheel Active Steering	– 2013			✔	✔	
4WAS MAIN Four Wheel Active Steering **RAS / HICAS** High Capacity Controlled Suspension	– 2013			✔	✔	
ASD Auto Slide Door	– 2013			✔	✔	
AUTO SLIDE DOOR RIGHT	– 2013			✔	✔	
PRECRASH SEATBELT	– 2013			✔	✔	
ADAPTIVE LIGHT	– 2013			✔	✔	
MULTIMEDIA A/V	– 2013			✔	✔	
DIU Data Interface Unit	– 2013			✔	✔	
LDW Land Departure Warning	– 2013			✔	✔	
HVAC Heating, Ventilation, Air Conditioning	– 2013	✔		✔	✔	
NATS5 Nissan Anti-Theft System	– 2013			✔	✔	NATS C/U Initialization
POWER BACK DOOR	– 2013			✔	✔	
E-SUS Electronic Suspension	– 2013			✔	✔	
POPUP ENGINE HOOD / BORNET	– 2013			✔	✔	

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Only for EV/HEV MODELS EQUIPPED WITH OBD-II CONNECTOR

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICTION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
ABS / ECB HYBRID	– 2013	✔		✔	✔	
BRAKE	– 2013			✔	✔	Stroke Sensor 0 Point Learning
EV/HEV Electric Vehicle / Hybrid Electric Vehicle Control Module	– 2013			✔	✔	✔ (Note 18)
HV BATTERY	– 2013			✔	✔	✔ (Note 19)
MOTOR CONTROL	– 2013			✔	✔	✔ (Note 20)
HV BATTERY	– 2013			✔	✔	✔ (Note 21)
SHIFT	– 2013			✔	✔	✔ (Note 22)
VSP - VEHICLE SOULD FOR PEDESTRIANS	– 2013			✔	✔	✔ (Note 23)

MODEL GT-R R35

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICTION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
ENGINE Petrol Engine	– 2013	✔		✔	✔	✔ (note 16)
A/T Automatic Transmission	– 2013	✔		✔	✔	✔ (note 12)
AWD / 4WD A-Wheel Drive / 4-Wheel Drive	– 2013			✔	✔	
e-4WD Electric 4-Wheel Drive	– 2013			✔	✔	
ABS Anti-Brake System	– 2013	✔		✔	✔	✔ (note 11)
SRS Airbag	– 2013			✔	✔	
ICC Intelligent Cruise Control	– 2013			✔	✔	
IKEY Intelligent Key	– 2013	✔		✔	✔	
EPS Electronic Power Steering	– 2013	✔		✔	✔	
IPDM E/R Intelligent Power Distribution Module in the Engine Room	– 2013	✔		✔	✔	
TPMS Tire Pressure Monitor	– 2013	✔		✔	✔	✔ (note 5)
Meter & A/C Amplifier Instrument Cluster & A/C Amplifer	– 2013			✔	✔	
BCM Body Control Module	– 2013			✔	✔	✔ (Note 4)
EHS/PKB Easy Hill Start/Parking Brake	– 2013			✔	✔	✔ (Note 17)
PRECRASH SEATBELT	– 2013			✔	✔	
ADAPTIVE LIGHT	– 2013			✔	✔	
MULTIMEDIA A/V	– 2013			✔	✔	
DIU Data Interface Unit	– 2013			✔	✔	
HVAC	– 2013	✔		✔	✔	

Heating, Ventilation, Air Conditioning						
NATS5 Nissan Anti-Theft System	– 2013			✔	✔	NATS C/U Initialization
E-SUS Electronic Suspension	– 2013			✔	✔	
HEAD LAMP LEVELIZER	– 2013			✔	✔	
POPUP ENGINE HOOD / BORNET	– 2013			✔	✔	

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BCM ITEMS

SYSTEM		DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
BCM	IMMU	✔			✔
	INTELLIGENT KEY	✔			✔
	MULTI REMOTE ENT	✔			✔
	THEFT ALM	✔			✔
	AIR CONDITIONER	✔			✔
	DOOR LOCK	✔			✔
	TRUNK	✔			✔
	INT LAMP	✔			✔
	HEAD LAMP	✔			✔
	AIR PRESSURE MONITOR	✔			✔ (Note 5)
	BATTERY SAVER	✔			✔
	BUZZER	✔			✔
	COMB SW	✔			✔
	FLASHER	✔			✔
	FUEL LID	✔			✔
	PANIC ALARM	✔			✔
	REAR DEFOGGER	✔			✔
	RETAINED PWR	✔			✔
	SIGNAL BUFFER	✔			✔
	WIPER	✔			✔
	SEC-E C/U OR BCM C/U	CAN communication check	✔	✔	
	KEYLESS ENTRY	✔			✔
	KEY REMINDER	✔			✔
	CHILD LOCK	✔			✔
	H/L EASH	✔			✔
	DIRECTION INDICATORS	✔			✔

Note:

1. Some of early models, Automatic Transmission, ABS and Air bag systems have no digital protocol communication capability. It might be used jumping wire to energize the impulse codes or flash codes on Instrument cluster.

2. ABS WORK SUPPORT, include:
    (1) Steering angle adjust.
    (2) Deceleration G sensor calibration.
    (3) Side G sensor calibration.
    (4) Pressure sensor calibration.
    ABS Activation: (The software will detect the functions are supported by the ECU or not)
    (1) Fr Rh Solenoid
    (2) Fr Lh Solenoid
    (3) Rr Rh Solenoid
    (4) Rr Lh Solenoid
    (5) Rear Solenoid
    (6) Abs Motor
    (7) Front Solenoid
    (8) Rear Solenoid
    (9) Fr Rh Abs Solenoid(Act)
    (10) Fr Lh Abs Solenoid(Act)
    (11) Rr Rh Abs Solenoid(Act)
    (12) Rr Lh Abs Solenoid(Act)
    (13) Front Abs Solenoid(Act)
    (14) Rear Abs Solenoid(Act)
    (15) Slip Lamp
    (16) Abs Warning Lamp
    (17) Vdc Warning Lamp
    (18) Tcs Fail Signal
    (19) Ascd Signal
    (20) Booster Drive
    (21) Stop Lamp On Relay

3. For iSCAN-II users: to communicate with the CAN protocol models (after 05'), please select OBDII-IM5 instead of ASIAN-IM1. Please connect with vehicles using OBDII-IM5 first, then try ASIAN-IM1 if fail to connect. A car may equip with CAN system and non-CAN system together. For more connection information, please refer to "**Quick Manual For The Diagnostic Cable Connection**". A LOTS OF NEW FUNCTIONS MAY NOT WORK ON iSCAN-II because of the physical hardware limitation.

4. **BCM** Functions supported : BCM NUMBER READER, STEERING LOCK RELEASE.

5. **TPMS**, Tire Pressure Sensor: Read ID, Register ID

6. **PETROL ENGINE** system, Work Support:
    (1) Idle Air Flow Learning
    (2) Ignition Timming Adjustment
    (3) Idle Speed Adjustment
    (4) Self-Learning Control

    (5) TPS learned value reset
    (6) TPS close position learning
    (7) (TBD) MT Learning
    (8) VVEL position sensor adjustment
    (9) VIN REGISTRATION

7. **PETROL ENGINE** system, Activation: (The software will detect the functions are supported by the ECU or not)
    (1) Alternator Duty
    (2) Cooling Fan
    (3) Engine Coolant Temperature
    (4) Engine Mounting
    (5) Fan Duty Control
    (6) Fuel Injecting
    (7) Fuel Pump Relay
    (8) Fuel Tank Temperature sensor
    (9) Ignition Timming
    (10) Power Balance
    (11) Purge Volume Control Valve
    (12) Tumble Control Valve
    (13) Vent Control Valve
    (14) VIAS solenoid Valve
    (15) VIAS solenoid Valve B2.

8. **I-KEY** functions:
    (1) Register I-KEY number
    (2) Check I-KEY remote position.

9. **DIESEL ENGINE**, Work Support:
    (1) Injector Adjustment Value Registration
    (2) DPF Service Regeneration
    (3) DPF Data Clear
    (4) Configuration Clear
    (4) Injector Adjustment Value Clear
    (5) A/F Sensor Learn Clear
    (6) EGR Valve Learn Clear
    (7) (TBD)ETC Positioner Clear
    (8) Pump Learnt Clear

10. **AT / CVT**, Work Support: Confirm CFTF Deteriora

11. **ABS**, Work Support:
    (1) Deceleration G Sensor Calibration
    (2) Valve Calibration
    (3) Steering Angle Sensor Adjustment
    (4) Side G sensor calibration
    (5) Pressure sensor calibration
    (6) Yaw rate/Side/Deceleration G sensor calibration

12. **A/T** for GT-R R35, Work Support: Clutch Gear Learning
13. **ENGINE SYSTEM**, WORK SUPPORT:
    (1) Check Fuel Lines
    (2) Closed TH/SW Adjust (IACV-AAC/V, 0 Step)
    (3) Closed TH/SW Adjust (IACV-AAC/V, 0%)
    (4) Closed TH/SW Adjust (IACV-IDLE/UP, Off)
    (5) Closed TH/SW Adjust
    (6) CO Adjustment
    (7) Ethanol M/R Adjust
    (8) EVAP System Close
    (9) Exhaust V/T Control Learn
    (10) Fuel Pressure Release
    (11) IACV-AAC/V Adjust
    (12) Idle Air Volume Learn
    (13) Idle Air Volume Learn Adjust
    (14) Idle RPM Adj
    (15) Idle RPM Adjust
    (16) Ignition Timing Adjust
    (17) Self-Learning Control
    (18) Self-Learning Control
    (19) Set Idle Speed
    (20) Target Idle RPM Adjust
    (21) Target Ign Timing Adjust
    (22) TP Sw/TP Sensor Idle Position Adjust
    (23) TPS Idle Position
    (24) V/T Control Learn
    (25) VIN Registration
    ENGINE SYSTEM, ACTIVATION:
    (1) Air Conditioner Relay
    (2) Clear Self-Learning Control Value
    (3) Coolant temperature
    (4) Cooling Fan
    (5) EGR Volume Control
    (6) EGRC Solenoid Valve
    (7) Engine Coolant Temperature
    (8) Engine Mounting
    (9) FPCM
    (10) Fuel Injection
    (11) Fuel Pump Relay
    (12) Fuel Temperature Sensor
    (13) IAC/AAC valve
    (14) IACV-AAC Opening

(15) Ignition Timing
(16) Power Balance
(17) Pressure Regulator
(18) Purge Vol Control Valve/EAVP valve
(19) Swirl Control Solenoid Valve
(20) Target Fan RPM
(21) Valve Timing Solenoid
(22) Valve Timing Solenoid
(23) Vent Control Valve
(24) VIAS Solenoid Valve.

14. AIR LEVELIZER ADPATATION

(1) Standard Height Level(Initialize The Vehicle Height)

(2) Adjust Height Initialization Value (Set The Vehicle Height Initialization Value)

(3) Clear Height Initialization Value (Clear The Vehicle Height Initialization Value)

15. DIESEL ENGINE(CAN) ADAPTATION

(1) EGR Adaptives

(2) Programmed Values

(3) Reset Injector Adaptative

(4) Reset Pump Force-Feeding

(5) After Dpf/Fap Regeneration

(6) Config Clear

(7) DPF Data Clear

(8) DPF Data (PM Amount) Clear

(9) DPF/FAP Replacement

(10) EGR Adaptives

(11) EGR Valve Learn Clear

(12) EGR Volume Control Valve Closed Position Learning Value Clear

(13) Fuel Injecion Quantity Learning

(14) Injector Adjustment Value Clear

(15) Injector Code

(16) Learning

(17) P062F Exclusive Function

(18) Pressure Regulation Adaptives

(19) Programmed Values

(20) Programming Reinitialisation

(21) Service Regeneration

(22)ZFC Value Reset

16. GT-R35 Engine Adaptation

(1) Idle Air Volume Learn

17. EHS/EPB Adaptation

(1) Actuator 0 Point Learning

18. EV/HEV

ADAPTATION

(1) Clutch 1 Position Learning

ACTIVATION

(1) Water Pump

(2) Water Pump 1

(3) Water Pump 2

(4) Cooling Fan

19. HV Battery Adaptation

(1) LI-ION Battery Capacity Balancing

20. MOTOR CONTROL ADAPTATION

(1) Clear Output Limit Reason

21. SHIFT ADAPTATION

(1) Parking Position Learning Value Clear

22. VSP ACTIVATION

(1)VSP Speaker

(2)Startup Sound Speaker

(3)VSP OFF Indicator