



INFINITI® / NISSAN® 1990 - 2011

VERSION: **V2011.12** DATE: DEC., 2011

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

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICATION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
ENGINE Petrol Engine	- 2011	✓		✓	✓	✓
ENGINE Diesel Engine	- 2011	✓	✓	✓	✓	✓ (note 9)
ENGINE TSURU in Mexico	- 2011	✓		✓	✓	✓
A/T Automatic Transmission	- 2011	✓		✓	✓	
NCVT Nissan Continuous Variable Transmission	- 2011	✓		✓	✓	
ABS Anti-Brake System	- 2011	✓	✓	✓	✓	✓ (note 2)
SRS Air Bag	- 2011			✓	✓	
TCS Traction Control System	- 2011			✓	✓	
4WD 4-Wheel Drive	- 2011	✓		✓	✓	
D/SUS Dumping Suspension	- 2011			✓	✓	
NATS Nissan Anti-Theft System	- 2011			✓	✓	✓ Initialization Coding
IVMS In Vehicle Multiple System	- 2011			✓	✓	
BCM Body Control Module	- 2011			✓	✓	
SMART ENTRANCE	- 2011			✓	✓	✓
HEAD LAMP LEVELIZER	- 2011			✓	✓	

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICATION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
ADP Automatic Drive Positioner	- 2011			✓	✓	
EPS Electronic Power Steering	- 2011	✓		✓	✓	
ASCD Automatic Speed Control Device	- 2011			✓	✓	
TPMS Tire Pressure Monitoring System	- 2011			✓	✓	
ICC Intelligent Cruise Control	- 2011			✓	✓	
e-4WD Electric 4-Wheel Drive	- 2011			✓	✓	
VDC Vehicle Dynamic Control	- 2011			✓	✓	
ACTIVE SUSPENSION	- 2011			✓	✓	
HICAS High Capacity Actively Controlled Suspension	- 2011			✓	✓	
AIR LEVELIZER	- 2011			✓	✓	
DIFFERENTIAL LOCK	- 2011			✓	✓	
REAR VIEW CAMERA	- 2011			✓	✓	
DISTANCE CONTROL	- 2011			✓	✓	
BATTERY CONTROLLER	- 2011			✓	✓	
ACTIVE ENGINE MOUNT	- 2011			✓	✓	
CHANGER COMMUNICATION	- 2011			✓	✓	
TORQUE CONTROL	- 2011			✓	✓	
TK ECU TYPE LKA Lane Keeping Assist	- 2011			✓	✓	
TK ECU TYPE Lane Keeping Assist	- 2011			✓	✓	
MOTOR ASSIST	- 2011			✓	✓	
MTR CONTROL	- 2011			✓	✓	

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICATION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
MTR Control (B)	- 2011			✓	✓	
MTR Control (B)-SUB	- 2011			✓	✓	
MTR Control (C)	- 2011			✓	✓	
MTR SUB	- 2011			✓	✓	

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

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICATION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
ENGINE Petrol Engine	- 2011	✓		✓	✓	✓ (note 6,7)
ENGINE Diesel Engine	- 2011	✓		✓	✓	
AT / CVT Automatic Transmission	- 2011	✓		✓	✓	✓ (note 10)
AWD / 4WD All Wheel Drive / 4-Wheel Drive	- 2011			✓	✓	
e-4WD Electric 4-Wheel Drive	- 2011			✓	✓	
ABS Anti-Brake System	- 2011			✓	✓	✓ (note 11)
SRS Airbag	- 2011			✓	✓	
ICC Intelligent Cruise Control	- 2011			✓	✓	
IKEY Intelligent Key	- 2011	✓	✓	✓	✓	✓ (note 8)
EPS Electronic Power Steering	- 2011	✓	✓	✓	✓	
ADP Auto Drive Positioner	- 2011			✓	✓	
IPDM E/R Intelligent Power Distribution Module in the Engine Room	- 2011	✓		✓	✓	
TPMS Tire Pressure Monitor	- 2011			✓	✓	✓ (note 5)
Meter Instrument Cluster	- 2011			✓	✓	
Meter & A/C Amplifier Instrument Cluster & A/C Amplifier	- 2011			✓	✓	
BCM Body Control Module	- 2011	✓	✓	✓	✓	✓ (note 4)
EHS Easy Hill Start	- 2011			✓	✓	

4WAS FRONT 4-Wheel Active Steering	- 2011			✓	✓	
4WAS MAIN Four Wheel Active Steering	- 2011			✓	✓	
RAS / HICAS High Capacity Controlled Suspension						
ASD Auto Slide Door	- 2011			✓	✓	
AUTO SLIDE DOOR RIGHT	- 2011			✓	✓	
PRECRASH SEATBELT	- 2011			✓	✓	
ADAPTIVE LIGHT	- 2011			✓	✓	
MULTIMEDIA A/V	- 2011			✓	✓	
DIU Data Interface Unit	- 2011			✓	✓	
LDW Land Departure Warning	- 2011			✓	✓	
HVAC Heating, Ventilation, Air Conditioning	- 2011			✓	✓	
NATS5 Nissan Anti-Theft System	- 2011			✓	✓	NATS C/U Initialization
POWER BACK DOOR	- 2011			✓	✓	
E-SUS Electronic Suspension	- 2011			✓	✓	

MODEL GT-R R35

SYSTEM	YEAR	DATA STREAM	CAN COMMUNICATION CHECK	READ CODE	CLEAR CODE	ACTIVATION AND WORK SUPPORT
ENGINE Petrol Engine	- 2011	✓		✓	✓	
A/T Automatic Transmission	- 2011	✓		✓	✓	✓ (note 12)
AWD / 4WD A-Wheel Drive / 4-Wheel Drive	- 2011			✓	✓	
e-4WD Electric 4-Wheel Drive	- 2011			✓	✓	
ABS Anti-Brake System	- 2011			✓	✓	
SRS Airbag	- 2011			✓	✓	
ICC Intelligent Cruise Control	- 2011			✓	✓	
IKEY Intelligent Key	- 2011			✓	✓	
EPS Electronic Power Steering	- 2011			✓	✓	
ADP Auto Drive Positioner	- 2011			✓	✓	
IPDM E/R Intelligent Power Distribution Module in the Engine Room	- 2011			✓	✓	
TPMS Tire Pressure Monitor	- 2011			✓	✓	
Meter & A/C Amplifier Instrument Cluster & A/C Amplifier	- 2011			✓	✓	
BCM Body Control Module	- 2011			✓	✓	
EHS Easy Hill Start	- 2011			✓	✓	
4WAS FRONT 4-Wheel Active Steering	- 2011			✓	✓	
4WAS MAIN Four Wheel Active Steering	- 2011			✓	✓	

RAS \ HICAS High Capacity Controlled Suspension						
ASD Auto Slide Door	- 2011			✓	✓	
AUTO SLIDE DOOR RIGHT	- 2011			✓	✓	
PRECRASH SEATBELT	- 2011			✓	✓	
ADAPTIVE LIGHT	- 2011			✓	✓	
MULTIMEDIA A/V	- 2011			✓	✓	
DIU Data Interface Unit	- 2011			✓	✓	
LDW Land Departure Warning	- 2011			✓	✓	
HVAC Heating, Ventilation, Air Conditioning	- 2011			✓	✓	
NATS5 Nissan Anti-Theft System	- 2011			✓	✓	
POWER BACK DOOR	- 2011			✓	✓	
E-SUS Electronic Suspension	- 2011			✓	✓	

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:FR RH SOL,FR LH SOL,RR RH SOL,RR LH SOL,REAR SOL,ABS MOTOR,FRONT SOLENOID,REAR SOLENOID,FR RH ABS SOLENOID(ACT),FR LH ABS SOLENOID(ACT),RR RH ABS SOLENOID(ACT),RR LH ABS SOLENOID(ACT),FRONT ABS SOLENOID(ACT),REAR ABS SOLENOID(ACT),SLIP LAMP,ABS WARNING LAMP,VDC WARNING LAMP,TCS FAIL SIGNAL,ASCD SIGNAL,BOOSTER DRIVE,STOP LAMP ON RELAY
3. 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".**
4. Functions supported : BCM NUMBER READER, STEERING LOCK RELEASE.
5. Tire Pressure Sensor: Read ID, Register ID
6. Work Support: Idle Air Flow Learning, Ignition Timing Adjustment, Idle Speed Adjustment, Self-Learning Control, TPS learned value reset, TPS close position learning, (TBD) MT Learning, VVEL position sensor adjustment, **VIN REGISTRATION**
7. Activation: Alternator Duty, Cooling Fan, Engine Coolant Temperature, Engine Mounting, Fan Duty Control, Fuel Injecting, Fuel Pump Relay, Fuel Tank Temperature sensor, Ignition Timing, Power Balance, Purge Volume Control Valve, Tumble Control Valve, Vent Control Valve, Vias solenoid Valve, Vias solenoid Valve B2.
8. Register I-KEY number, Check I-KEY remote position.
9. Work Support: Injector Adjustment Value Registration, DPF Service Regeneration, DPF Data Clear, Config Clear, Injector Adjustment Value Clear, A/F Sensor Learn Clear , EGR Valve Learn Clear,(TBD)ETC Positioner Clear
10. Work Support: Confirm CFTF Deteriora
11. **Work Support: Deceleration G Sensor Calibration, Valve Calibration,Steering Angle Sensor Adjustment**
12. **WORK SUPPORT: CLUTCH GEAR LEARNING for GT-R R35**

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