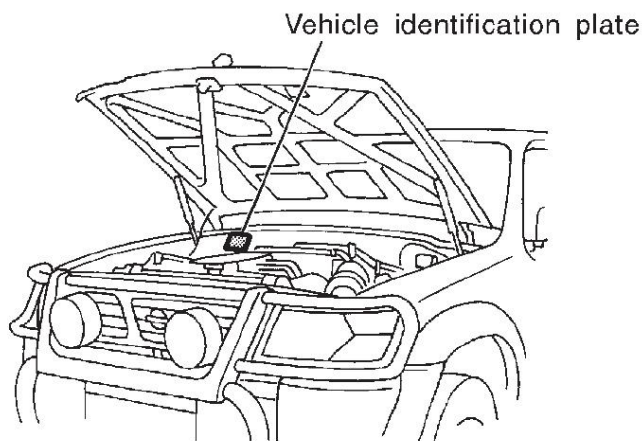




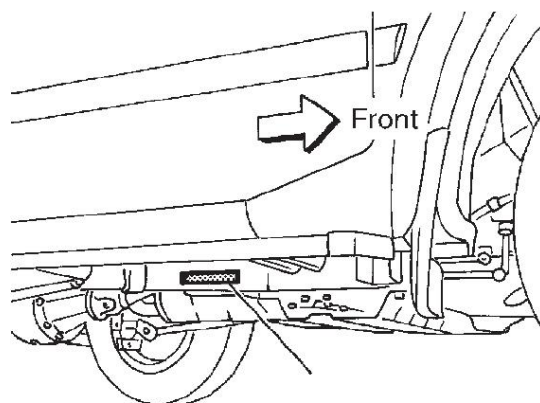
August 2012

Y61 PATROL - MY2012 >

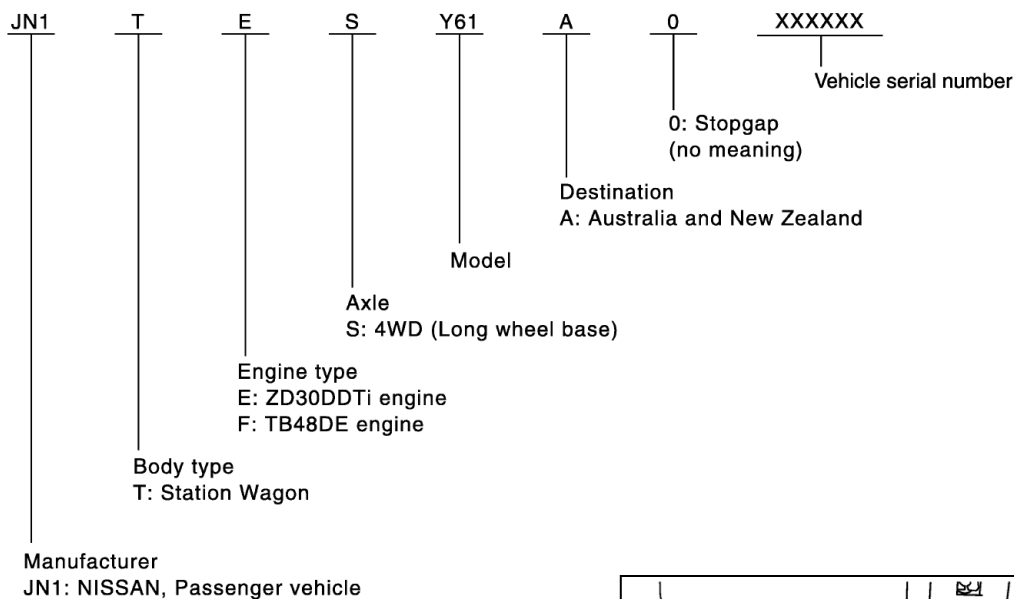
17 DIGIT VIN LOCATIONS



Factory ID Plate



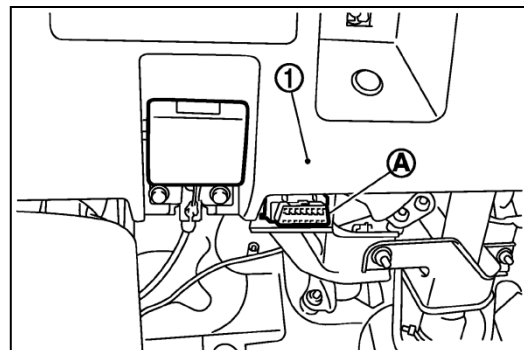
VIN stamped onto chassis



WARNING

Only use CONSULT III plus.

Do NOT under any circumstance use CONSULT II on Y61 Patrol



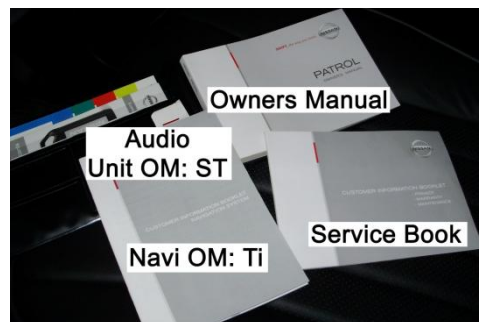
CONSULT III Data Link Connector
Next to Hood Release



PDI LOOSE PARTS

2 keys tied together . ST & Ti with integrated remote.

- Patrol Wallet:
 - Owner Manual
 - Warranty and Maintenance guide
 - Navigation or Audio System Owners Manual
 - Dealer list and Misc. leaflets.



- Spare tyre inside the rear of the vehicle which matches the road wheels.
- Road Wheels: ST & Ti: 17" alloy. DX: 16" steel
- Jack and tools – brace and jack handle 2 pieces located right side of luggage compartment. Various hand tools also should be included (see pic below)
- DX & ST Audio system; local fit FJ10 radio with CD, Aux audio input (3.5mm input / USB) and Bluetooth compatibility.
- Ti Audio / Visual system; Local Fit FJ10 Sat Nav / Reverse Camera. No phone buttons on steering wheel.



Spare wheel & tow hook located in rear compartment.
Jack, Wheel nut wrench, Lever and assorted tools
(all models except Allen key for Ti sunroof)



7.5A transit fuse is located in dash tray. Install as per diagram above.



2 keys per vehicle.
ST & Ti Keys pictured.
(DX keys – not shown - has no remote function)



UNIQUE PRE-DELIVERY ACTIONS

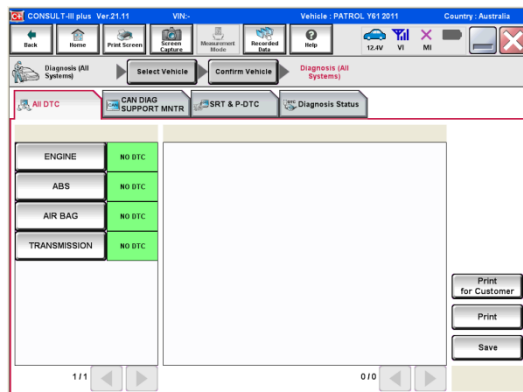
CONSULT III PLUS OPERATIONS

All DTC / CAN Inspection

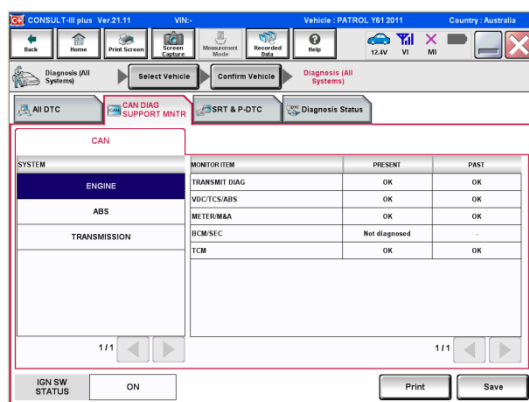
Ensure there are no DTC's. There may be cases where DTC's are displayed, print them off as a record & then erase all the codes.

Ensure that the 4 C/U's as per the picture right are displayed on the screen C3 plus.

Once again check for DTC's after road test.



Click on the "CAN DIAG SUPPORT MNTR". Ensure the screen as per the picture to the right is displayed.

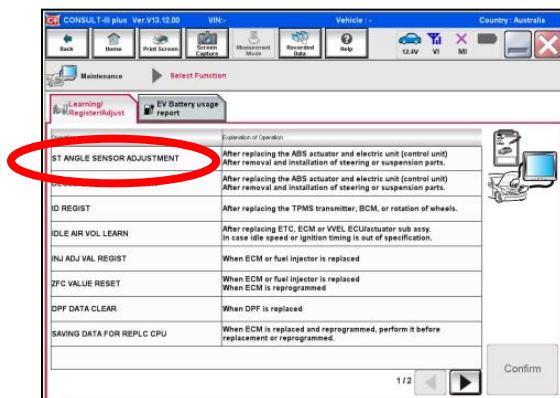


VDC Steering Angle Sensor re-calibration after PDI Wheel Alignment

From the CONSULT III Plus Home screen, select MAINTENANCE.

Select ST ANGLE SENSOR ADJUSTMENT. Follow the on screen prompts with the steering wheel in the exact straight ahead position.

NOTE: The steering angle sensor position is lost if the battery is disconnected. To set manually, drive the vehicle straight ahead from a standstill. The VDC Lamp should switch Off when the vehicle reaches approx. 20 km/h.





UNIQUE PRE-DELIVERY ACTIONS

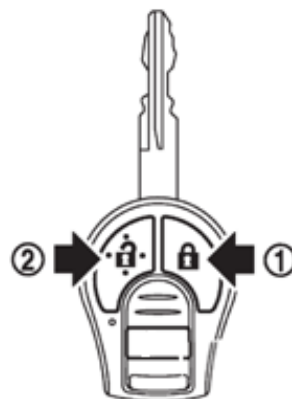
Ignition Keys

Test the NATS operation of each key (start the engine).

NOTE: Wait for the NATS security lamp to flash before testing each key.

Remote Control Setting (Ti / ST)

Keyless remote operation is separate to the NATS system. Therefore ensure the Keyless remote function works as well as being able to start the engine.



Tow Hook (Rear only)

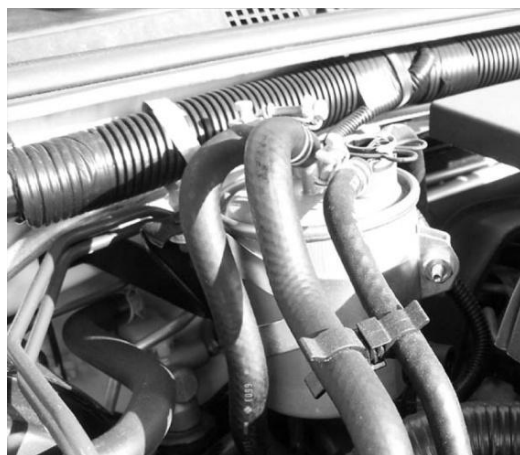
Attach Rear Tow Hook.



Fuel Sedimentor Draining – ZD30 engines

Drain filter Sedimentor:

1. Connect drain hose to drain valve outlet and direct into container.
2. Open drain valve and operate priming pump to drain water from filter.
3. After draining, tighten drain BY HAND only.
4. Prime pump a few more times to bleed out any air in the line and start engine.



Rear A/C

Check Operation with engine running.

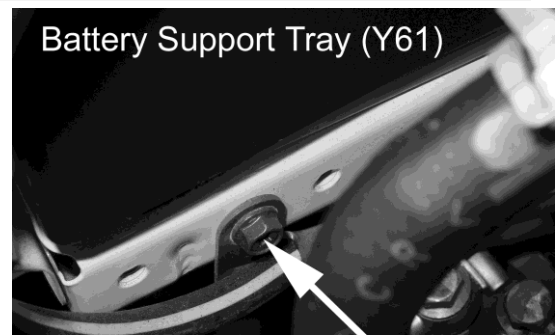




UNIQUE PRE-DELIVERY ACTIONS

Engine Bay Grounds

Ensure all engine bay ground connections are clean and tight.

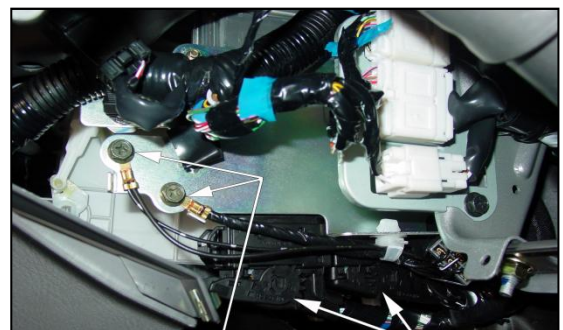


Clean & Tight?
Battery NEG cable to Ground connection

Main C/U Grounds

Ensure the main grounds for the Engine Control, Transmission Control & Body Control systems are secure.

They are located under the dash behind the radio. Access from the drivers foot well.



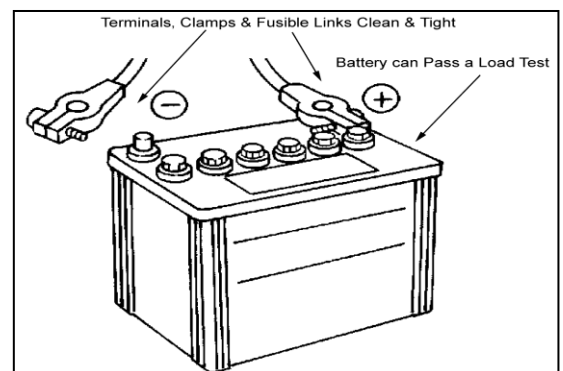
ECM, TCM & BCM Grounds ECM Harness Connectors
ECM located under dash, left of steering column

Battery & Connections

Ensure battery connections are **clean and tight!** Ensure the secure connection to where they connect to powertrain as well.

Also ensure the security of the main ground strap from the front of the cylinder head block to the vehicle body are secure.

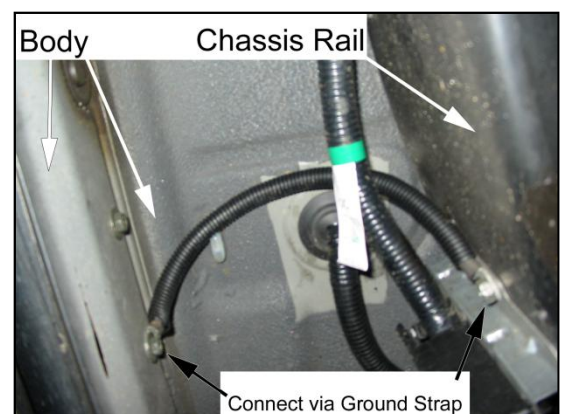
NOTE: Battery MUST be tested and FULLY CHARGED before delivery to Customer.



Body to Chassis Ground Connection

The body is NOT grounded to the chassis on any Y61 model. Ensure it has an additional "Body to Chassis" Ground connection if the vehicle has additional accessories installed.

i.e.; DO NOT Ground accessories such as driving lights to the chassis unless a ground strap such as the one shown right has been installed.

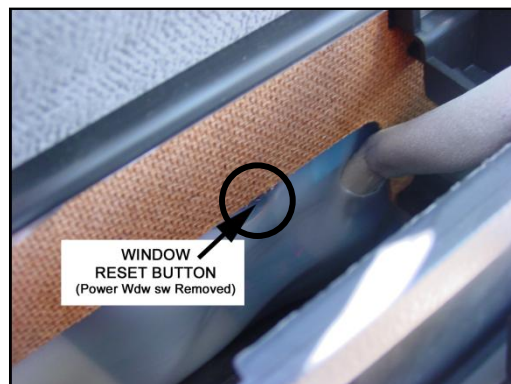


UNIQUE PRE-DELIVERY ACTIONS

Drivers Window Auto Up / Down & Anti Pinch Function.

Ensure the drivers window raises & lowers itself with one touch (don't hold) of the switch. If the auto function or window operation of is not correct, ensure that that Window regulator has been reset.

Refer below;



View looking down into the recess in the drivers door with the power window switch assembly removed. There is **NO NEED** remove the whole door trim to access the Limit Switch.

Front Door Limit Switch Reset (Driver Side only).

RESET CONDITIONS

After each of the following operations are performed, reset the limit switch (with built-in motor).

- Regulator removal and installation
- Removal of motor from regulator
- Operation of regulator as a single unit
- Door glass removal and installation
- Glass run removal and installation

RESET PROCEDURES

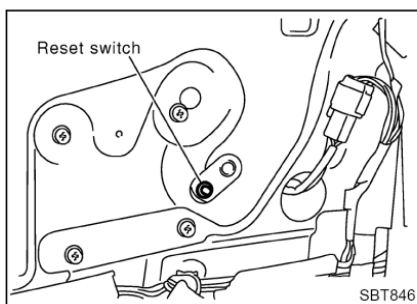
After installing parts, proceed as follows:

1. Close the door window completely.
2. Press the reset switch and open the door window completely.
3. Release the reset switch. After making sure the reset switch has returned to the original position, close the door window completely.
4. The limit switch is now reset.

CAUTION:

Be sure to manually open or close the door window. (Do not use the automatic open-close procedures.)

NOTE: Only half lift / half press the switch.



USB Extension Cable (Ti).

In the compartment underneath the Sat Nav unit should be a USB cable extension. This is for MP3 players etc.





UNIQUE PRE-DELIVERY ACTIONS

Hands Free Phone Microphone (Ti).

Ensure the Microphone for the Hands-free system is neatly mounted to the drivers side A pillar trim.

Refer to the Customer Information booklet which is separate to the Owners Manual for more details on the operation of the FJ10 "Eclipse" AV system.



Reverse Camera Operation (Ti).

With the Ignition ON - select REVERSE gear. The area at the rear of the vehicle should be seen.

Place objects (such as a bin) at each rear corner of the vehicle, they should be equal distance away from the vehicle & apart from each other. If the vehicle was to reverse backwards, it should just fit through the objects.

If the same portions of the both objects can be seen in the screen, the camera is OK.

Inspect the mounting of the camera at the rear of the vehicle if the vision is not correct.



Rear Diff Lock (Wagon).

Check operation of the Rear Diff Lock function. With the switch in the ON position, it will blink.

With the wheels in a straight ahead position, place the transfer case into the 4L position & then the light should stop blinking.

Also ensure that the green 4WD lights illuminate.

NOTE: The VDC OFF light will illuminate when the Transfer is in the 4L position.



VDC OFF switch (Wagon).

Check operation of the VDC OFF switch which is located on the RHS of the gear lever. The orange coloured VDC OFF symbol will illuminate on the dash cluster.



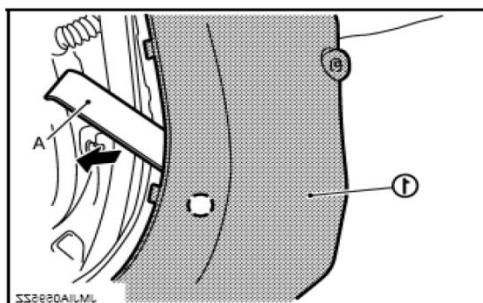
UNIQUE PRE-DELIVERY ACTIONS

Wharf Fitment of FJ10 Eclipse Sat Nav / Reverse Camera / AV system (Ti only)

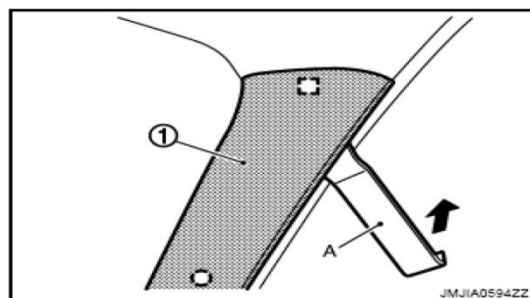
The Eclipse Sat Nav / AV units in Ti / TL X-TRAILS is fitted to each vehicle on arrival into Australia.

The following components in the pictures below were removed to allow fitment of the Sat Nav / Reverse Camera system.

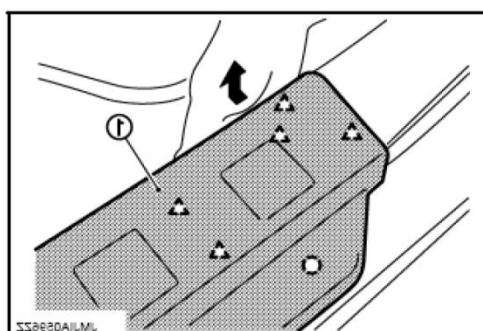
PLEASE ENSURE ALL OF THE PANELS / TRIMS / COMPONENTS HAVE BEEN SECURELY RE-FITTED



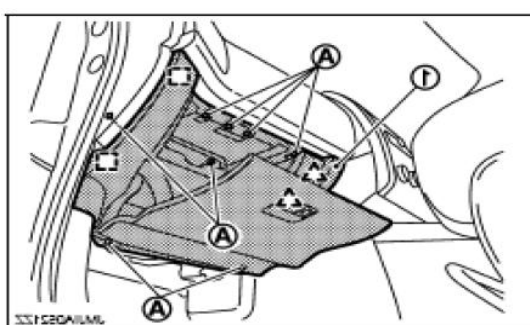
Both Front Floor side kick panel



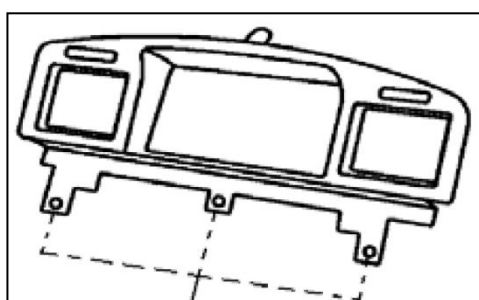
A Pillar (windscreen) Trim
(DRIVERS SIDE)



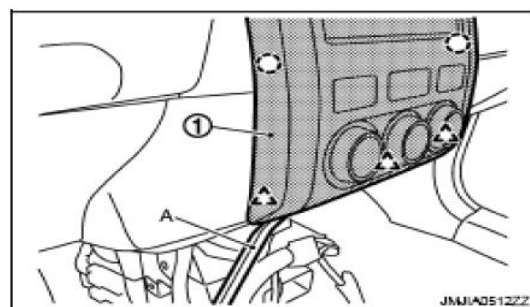
Front / Rear / Cargo Floor kick plates



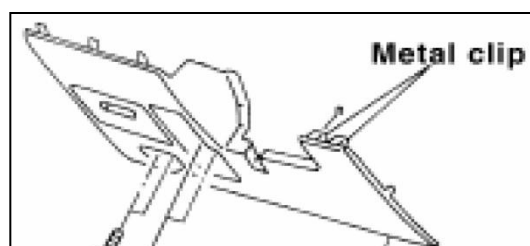
Glove-box



Vent Surround
(Upper Centre Dash)



Centre Cluster



Driver side lower panel



UNIQUE PRE-DELIVERY ACTIONS

COOLING SYSTEM HOSE CLAMP PRE-CAUTION

Always ensure that cooling system hose clamps have been properly secured as described in **STB: LC10-001**

Service Technical Bulletin

First Published: 19th March 2010 Bulletin No: LC10-001

Recommended circulation
THIS INFORMATION IS CONFIDENTIAL TO NISSAN DEALERS ONLY

Position title	Signed	Position title	Signed
Dealer Principal		Service Adviser / Warranty Clerk	
Sales Manager		Foreman / Service Technician	
Service Manager		Parts Manager	

Re: Cooling System Hose Clamps

Applied Model: All Applied Range: All

Outline:
 Where servicing or maintenance operations are being carried out on vehicles where the removal of engine cooling system hose clamps is required, it has been discovered that in some instances the clamp is not released from its locked open position during re-assembly. Additionally, technicians have received a small number of Product Reports where the dealer has identified that an engine has suffered an overheated, a result of the clamp not being released during the assembly of the vehicle and the hose coming away from its fitting point.

This bulletin serves as a timely reminder to all dealerships to ensure where cooling system work is undertaken that final inspection of the work includes the release & security of the hose clamp and that nominated inspection points of the cooling system are carried out during the P.D.I. service to confirm that Locked Open Clamps are not missed during the inspection.

It is also important to understand that certain version of the hose clamps as fitted to Nissan vehicles are single use only. To clarify what clamps must be replaced following service or maintenance work, please refer to the applicable EBM sections GI, CO & HA.




Approved for release:

 Rod Bohn
 Manager – Field Quality Improvement

This information in this bulletin is CONFIDENTIAL and should not be retransmitted as a basis for claims unless so designated. Dealers must not make any admission of liability and must not agree to any claims in respect of any Product without Nissan's prior written consent. Part numbers referred to cover not all parts as necessarily available. Group-wide parts from forward parts information and not the bulletin.

NISSAN MOTOR CO. (AUSTRALIA) PTY. LTD A.B.N. 54 004 883 156
 After Sales Division
 Locked Bag 1311, Dandenong South, VIC 3104. Phone: 039 9797 3000 Fax: 039 9797 5027
www.nissan.com.au

12V Battery Handling procedures

Always ensure that the 12V Battery is properly maintained as outlined in **STB: EL09-008**

Service Technical Bulletin

Re-Issue: 25th September 2009 Bulletin No: EL09-008
 First Published: 18th September 2003 Bulletin No: EL03-005

Recommended circulation
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Position title	Signed	Position title	Signed
Dealer Principal		Service Adviser / Warranty Clerk	
Sales Manager		Foreman / Service Technician	
Service Manager		Parts Manager	

PRODUCT INFORMATION

Re: Battery Handling, Storage & Recovering Procedure

Applied Model: ALL Applied Range: ALL

Overview:
 This Technical Service Bulletin has been re-issued to supersede Technical Bulletin EL03-005 relating to battery storage, checking, charging and where required, battery replacement.

Instruction:

- Where a dealership is holding a vehicle in stock, it is a mandatory requirement that the negative lead be disconnected from the battery.
- Vehicles held in dealer stock must have a battery condition check carried out with a suitable battery tester every 60 days following initial delivery of the vehicle to the dealership. A suitable battery tester is a unit that provides the following information in printed form:
 - Test Sequence or Reference number
 - Battery Condition (i.e. Tester provides a OK, NG, or Requires Charge result)
 - Battery Voltage
 - CCA information
- The results of the tests must be held in the dealership for the period of the battery warranty.
- Where there is a requirement to charge a battery, the process as outlined in the ESM, located in the battery section, must be followed.
- If the battery is tested as NG (pre or post charging the battery) please refer to Warranty Bulletin AWB014/09 for claiming details.

Wheel Nut Tensions

Ensure that the wheel nuts have been properly torqued as per the details in **STB: MA12-001**

Service Technical Bulletin

First Published: 17th August 2012 Bulletin No: GI12-001

Recommended Circulation
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Dealer Principal		Service Adviser / Warranty Clerk	
Sales Manager		Foreman / Service Technician	
Service Manager		Parts Manager	

PRODUCT INFORMATION

Re: Wheel Nut Tension

Reference	Model	Tension						
		98 Nm	108 Nm	112 Nm	118 Nm	127 Nm	133 Nm	147 Nm
SM0E-1K1350	K13 Micra							
SM0E-1N1701	N17 Almera							
SM0E-1C1161	C11 Tida							
SM1E-1J20GA	J50 Maxima							
SM1E-1E2001	Z50 LEAF							
SM1E-1Z3400	Z34 370Z							
SM1H00-1J1000E	J10 Duall							
SM0E-1Y1100	T31 X-Trail							
SM1E-1Z5100	Z51 Murano							
SM1H00-RE102E	RE1 Pathfinder							
SM0E-3Y6161	Y61 Patrol							
SM1E00-1D4000E	D40 Navara							
SM0E-002201	D20 Navara							
ARCHIVE								
SM1E-1K1350	K13 Micra							
SM0E-0N1350	N13 Pulsar							
SM0E-1N1600	N16 Pulsar							
SM0E-0A3200	A31 Maxima							
SM0E-1A3300	A33 Maxima							
SM0E-1J1100	J11 Maxima							
SM0E-1S1500	S15 2005X							
SM1E-1Z3301	Z33 350Z							
SM0E-1T3008	T30 X-Trail							
SM0E-1Z5000	Z50 Murano							
SM0E-0R0000	R00 Pathfinder							
SM0E-0Y6000	Y60 Patrol							
SM0E-002100	D21 Navara							

Note:
 Where a greyed out area covers two (2) or more cells, this identifies that the specification references a range rather than a fixed torque specification.
 e.g. Y61 Patrol – 118 Nm to 147 Nm