



SERVICE BULLETIN

Classification: EL99-016k	Reference: NTB99-048k	Date: October 7, 2004
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BATTERY TESTING: NISSAN ORIGINAL EQUIPMENT AND GENUINE NISSAN REPLACEMENT BATTERIES

This bulletin has been amended. Please discard all previous copies of NTB99-048.

APPLIED VEHICLES: All Nissan
APPLIED DATES: 1982-2005 All

SERVICE INFORMATION

The Midtronics "Micro 620" is the factory-approved battery tester, Essential Tool #J-44373. See Figure 1.

- Use of the "Micro 620" tool is required when testing any Nissan original equipment battery for warranty adjustment purposes.
- Use of the "Micro 620" tool is required when testing any Genuine Nissan replacement battery for warranty adjustment purposes.
- Reference the current "Nissan Assurance Products Resource Manual", Section 8, Page 72.
- The Battery Tester Printer and Carrying Case #J- 44373-PRT are recommended to accurately document the test codes for Warranty Claims and protect the tester when not in use.
- Additional tools can be ordered from TECH-MATE at 1-800-662-2001.

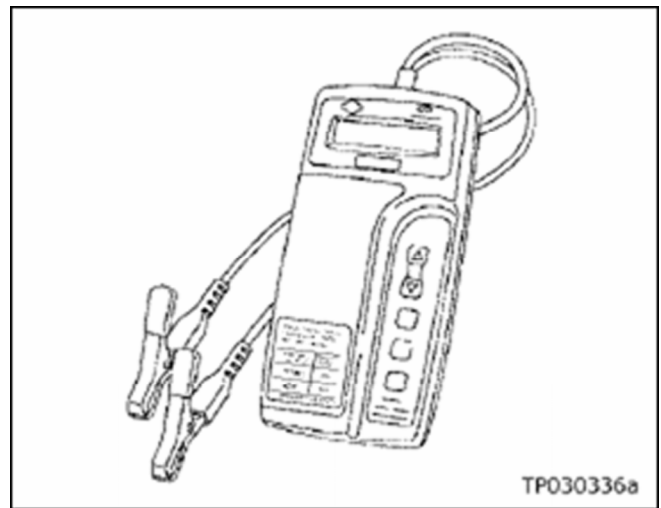


Figure 1

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

When setting up the "Micro 620" for testing, battery **CCA RATING** is required.

- CCA stands for Cold Cranking Amps.

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This bulletin has charts which contain this **CCA RATING** information.

- One chart is for Nissan original equipment batteries, and the other is for Genuine Nissan replacement batteries.

Nissan Original Equipment Batteries (installed in the vehicle at the time of manufacture):

- Vehicles manufactured in North America have a **CCA RATING** label on top of the battery.
- Vehicles manufactured in Japan have a JIS (Japanese Industry Standard) rating stamped into the top of the battery. Use it to find the CAA ratings only. Do not use the JIS rating to test the battery. They should be tested using the **CCA RATING** listed below.

NOTE:

- All **80D26** batteries are to be tested at **445 CCA**
- All **80D23** batteries are to be tested at **490 CCA**

IMPORTANT: For Nissan Original Equipment Batteries:

- When using the factory-approved "Micro 620" tester, make sure you enter the applicable **CCA RATING** from the chart below.

**Nissan Original Equipment Battery CCA Rating/ JIS
Number**

MODEL	YEAR	APPLICATION	CCA RATING	(JIS NUMBER)
350Z	2003 & Later	All	490 CCA	
Altima	1997 & Later	All	550 CCA	
Armada	2004 & Later	Standard	650 CCA	
	2004 & Later	Optional	710 CCA	
Frontier	2005 & Later	All	550 CCA	
	1998 - 2004	All	470 CCA	
Maxima	2004 & Later	All	550 CCA	
	2000-2003	All	445 CCA	
	1997-99	Standard	355 CCA	55D23L
	1997-99	Optional	445 CCA	80D26L
Murano	2003 & Later	All	490 CCA	
Pathfinder	2005 & Later	All	550 CCA	
	2003 -2004	All	490 CCA	
	2001-02	All	445 CCA	
	1997-00	Standard	355 CCA	55D23R
	1999.5 - 00	Optional	445 CCA	80D26R
	1997-99	Optional	445 CCA	75D31R
Quest	2004 & Later	All	550 CCA	
	1999-02	All	525 CCA	
	1997-98	All	550 CCA	
Sentra	2002 & Later	QR25DE engine	550 CCA	
	2002 & Later	QG18DE engine	470 CCA	
	2000-2001	All	355 CCA	
	1997-99	All	490 CCA	
Titan	2004 & Later	Standard	650 CCA	
	2004 & Later	Optional	710 CCA	
Xterra	2000 & Later	Standard	470 CCA	
	2000 & Later	Optional	550 CCA	

- CCA = Cold Cranking Amps
- JIS = Japanese Industry Standard

Genuine Nissan Replacement Batteries (service part replacements for Nissan Original Equipment Batteries):

- These batteries have group number labels (24, 25, 27, etc.) located on top of the battery.
- Use the battery group number to determine the **CCA RATING** number. Refer to the Genuine Nissan Replacement Battery Ratings charts, below and on page 4.
- Enter the **CCA RATING** when using "Micro 620" tester.

IMPORTANT: When using the "Micro 620" tester, you will get inaccurate test results if you don't enter the correct **CCA RATING**.

- The **CCA RATING** entered during testing is recorded in the 12-character test output code required for warranty repairs.
- Claims that are submitted with incorrect **CCA RATING** may be suspended or denied.

NOTE: For Nissan Original Equipment Batteries:

When using the "Micro 620 Battery/Starting/Charging System Tester", use the **CCA RATING** value shown below and on page 5.

Genuine Nissan Replacement Battery Group Number/CCA Rating

MODEL	YEAR	APPLICATION	GROUP #	NISSAN P/N	CCA RATING
350Z	2003 & Later	All	35	999M1-NB35C	550
Altima	1993 & Later	All	24F	999M1-NB24F	575
Armada	2004 & Later	All	24F	999M1-NC24F	700
	2004 & Later	With tow package	27F	999M1-NC27F	710
Frontier	2005 & Later	All	24F	999M1-NB24F	575
	1999 - 2004	Six cylinder	24	999M1-NB24C	575
	1998 - 2004	Four cylinder	25	999M1-NB25C	550
Maxima	2000 & Later	All	24F	999M1-NB24F	575
	1985-99	All	35	999M1-NB35C	550
	1985-99	With cold package	24F	999M1-NB24F	575
	1984	All	25	999M1-NB25C	550
Murano	2003 & Later	All	24	999M1-NB24C	575
Pathfinder	2005 & Later	All	24F	999M1-NB24F	575
	2001 - 2004	All	24	999M1-NB24C	575
	1987-00	All	25	999M1-NB25C	550
	1987-00	With heated seats	24	999M1-NB24C	575
Quest	1993 & Later	All	24F	999M1-NB24F	575
Sentra	1987 & Later	All	35	999M1-NB35C	550
	1985-86	All except diesel	24F	999M1-NB24F	575
	1984	All except diesel	35	999M1-NB35C	550
Titan	2004 & Later	All	24F	999M1-NC24F	700
	2004 & Later	With tow package	27F	999M1-NB27F	710
Truck	1984-97	All except diesel	25	999M1-NB25C	550
	1982-85	Diesel	27	999M1-NB27C	675

- CCA = Cold Cranking Amps

**Genuine Nissan Replacement Battery
Group Number/CCA Rating (continued)**

MODEL	YEAR	APPLICATION	GROUP #	NISSAN P/N	CCA RATING
200SX	1995 & later	All	35	999M1-NB35C	550
	1982-88	All	24	999M1-NB24C	575
240SX	1995-98	All	25	999M1-NB25C	550
	1992-94	Convertible	25	999M1-NB25C	550
	1989-94	All except Convertible	24	999M1-NB24C	575
300ZX	1992-96	Convertible	35	999M1-NB35C	550
	1990-96	All	24F	999M1-NB24F	575
	1984-89	All	25	999M1-NB25C	550
Axxess	1990	All	35	999M1-NB35C	550
Pulsar	1984-90	All	35	999M1-NB35C	550
Stanza	1987-92	All	35	999M1-NB35C	550
	1986-88	Wagon	35	999M1-NB35C	550
	1984-86	All except wagon	25	999M1-NB25C	550
Van	1987-90	All	25	999M1-NB25C	550

- CCA = Cold Cranking Amps

