



SERVICE BULLETIN

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2007 – 2009 ALTIMA HYBRID 12V BATTERY FOR SERVICE

This bulletin has been amended. Service Procedure has been amended
and Applied Vehicles has been updated.
Please discard all earlier versions.

APPLIED VEHICLES: 2007 - 2009 Altima Hybrid (L32HV)

IF YOU CONFIRM

There is a need to replace the Altima Hybrid's Panasonic 12V battery for any reason.

ACTION

Replace the Panasonic 12V battery with the battery listed in the Parts Information section of this bulletin.

Refer to the Service Procedure in this bulletin.

PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
Optima Battery	999M1-NB34C	1

CLAIMS INFORMATION

Refer to the GB section of the current Nissan Warranty Flat Rate Manual and use appropriate claims coding.

IMPORTANT: The purpose of "ACTIONS" (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure (starting on page 2) as it contains information that is essential to successfully completing this repair.

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.

SERVICE PROCEDURE

- 1 Remove RH trunk side finisher.
2. Disconnect the negative (-) cable first, and then the positive (+) cable.

3. Remove the existing Panasonic battery from the vehicle and disconnect the vent tube as shown in Figure 1.



Figure 1

4. Unpack the Optima service battery and make sure the blind plug is installed securely in the vent hole close to the negative post side as shown in Figure 2.



Figure 2

5. Install elbow fitting on the positive battery side as shown in Figure 3.



Figure 3

6. Attach the vent tube obtained from step 3. Make sure it is properly seated.



Figure 4

7. Place Optima battery spacer onto a flat surface as shown in Figure 5.



Figure 5

8. Mount battery onto spacer and make sure all the tabs are locked in place.



Figure 6

9. Mount completed assembly in vehicle as shown. Observe post orientation.



Figure 7

10. Insert vent hose into vent hole at least 20 mm or until there is no slack in the vent tube.



Figure 8

11. Secure positive (+) and negative (-) terminals to the battery. Press on terminal while securing to insure proper fit.

CAUTION: When connecting the new battery, connect the positive (+) cable first and then the negative (-) cable.



Figure 9

12. Create a clearance of at least 10 mm between positive (+) terminal and body ground cable.



Figure 10

13. Cover body ground cable with adhesive backed pad (included in Squeak and Rattle repair kit J-43980).



Figure 11

14. Install the RH trunk side finisher.

15. Re-initialize power windows and sunroof as applicable. See Service Manual for details.

