



GENUINE PARTS

iPOD INSTALLATION INSTRUCTIONS

1. DESCRIPTION: iPod

2. PART NUMBERS:	iPod Gateway Module Kit	999U7-VR000
	N-Bus harness for iPod Gateway	999U7-VS004
	N-Bus harness for SAT Radio	999U7-VS005

3. MODEL APPLICATION: MAXIMA (2004~6)

4. iPOD GATEWAY MODULE KIT CONTENTS (999U7-VR000):

No.	Parts	Qty	Parts View
1	iPod Gateway Module	1	
2	Cable tie (8")	12	
3	Cable tie (15")	6	
4	Double-Sided Tape	1	
5	Foam Tape	9	
6	Grommet	1	
7	Alcohol Wipe	1	
8	iPod Cable	1	
9	Quick Reference Card	1	
10	Owners Manual	1	
11	Service Info Insert	1	
12	Critical Installation Info	1	

CAUTION

- Cut the excess cable tie(s) as flush with the head as possible. Face head of cable tie away from sheet metal and other objects.
- Use caution when removing/re-installing interior components to avoid damage, scratches, or breaking of mounting clips.

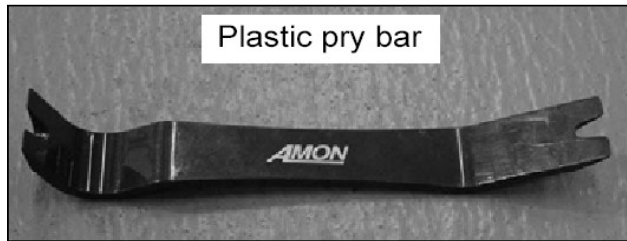
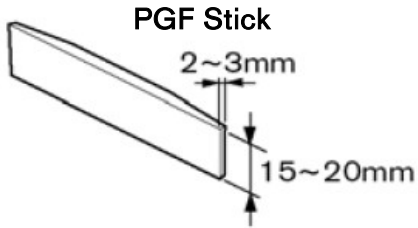
NOTE

- This is a universal installation kit so all parts may not be used.
- Refer to the vehicle specific SAT radio Installation Instructions on ASIST.NET for further information.
- Ensure the Owners Manual and Quick Reference Card are placed in the customers glove box.
- Check the customer's iPod to make sure it has the most current software version before starting the install. (www.apple.com/ipod)
- In the event the iPod system needs to be serviced, order the iPod Service Kit below.

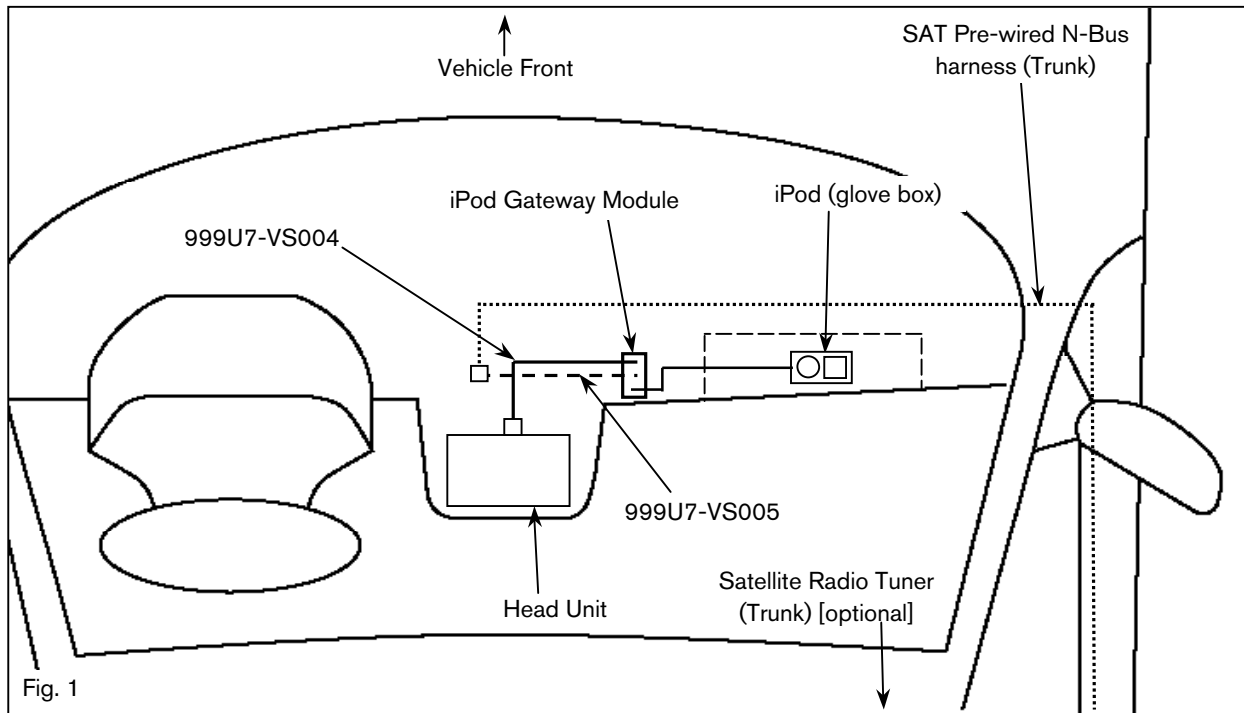
iPod Gateway Service Kit 999U7-VS002SP

5. TOOLS & MATERIALS REQUIRED:

- 1. Phillips screwdriver (#2)
- 2. Electrical tape
- 3. Masking Tape
- 4. Drill
- 5. 1/8", 11/16" drill bits
- 6. 1/4" driver w/ 10mm socket
- 7. Plastic Pry bar
- 8. PGF Stick



6. INSTALLATION OUTLINE:



7. VEHICLE PREPARATION:

- (1) Apply parking brake.
- (2) Record the customer radio presets.

Bank	1	2	3	4	5	6	7
A							
B							
C							

- (3) Make sure that the shift lever is engaged in the "P" position.
- (4) Turn the ignition switch OFF
- (5) Open engine hood.
- (6) Disconnect the battery negative terminal to prevent short circuits during installation.
- (7) Remove the following interior parts as shown in Fig. 2 (Refer to vehicle service manual)
 - a) RH Glove box housing (detach illumination light, place masking tape on RH side of center stack to prevent scratching surface Fig. 3)
 - b) Instrument lower cover, RH
 - c) Dash side finisher

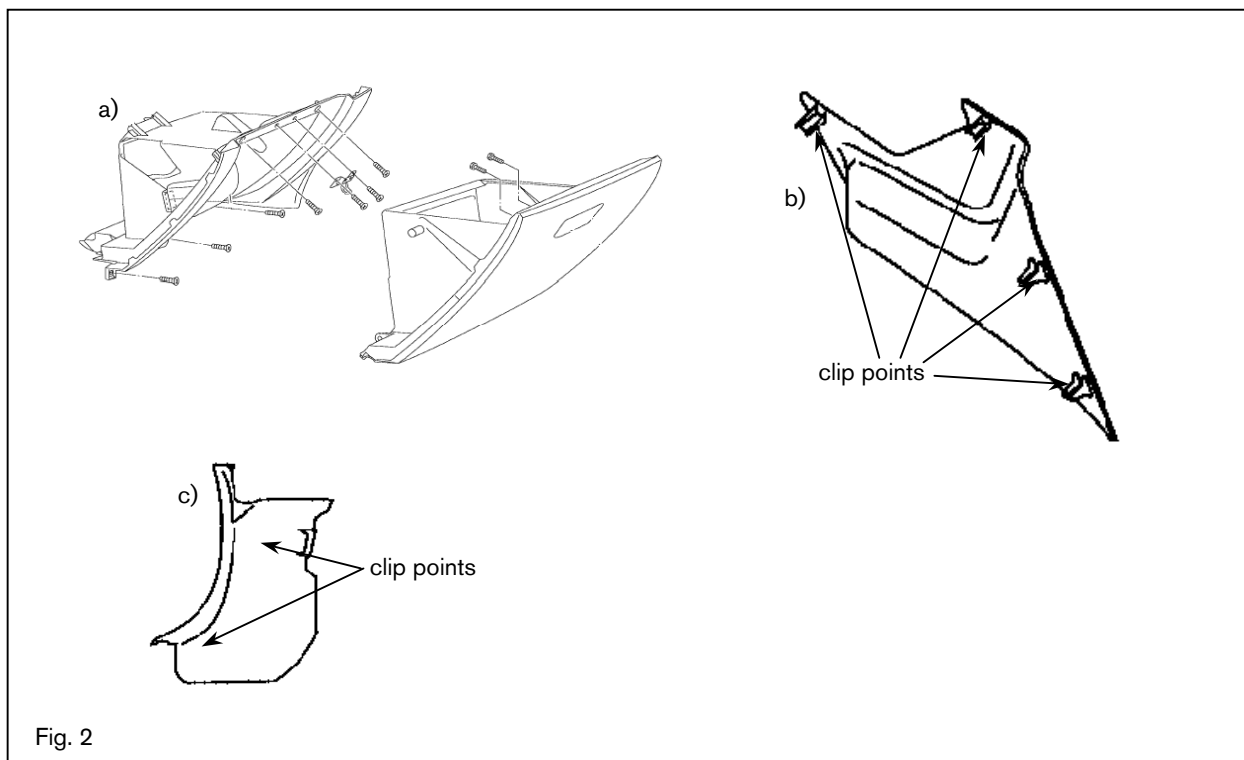


Fig. 2

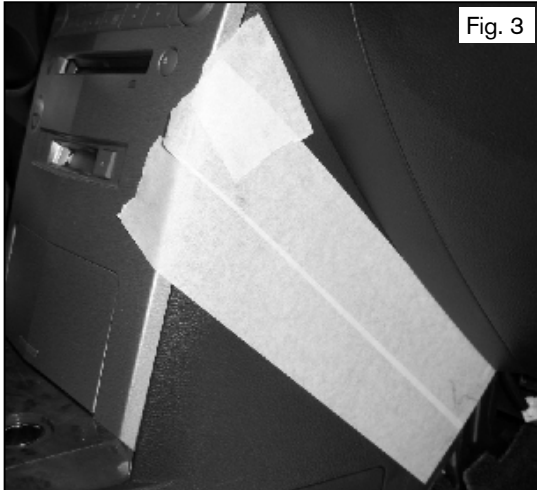
8. CABLE ROUTING (iPOD GATEWAY & SATELLITE RADIO):

Fig. 3

(1) Place masking tape on RH side of center stack to prevent scratches when removing the glove box. Fig. 3

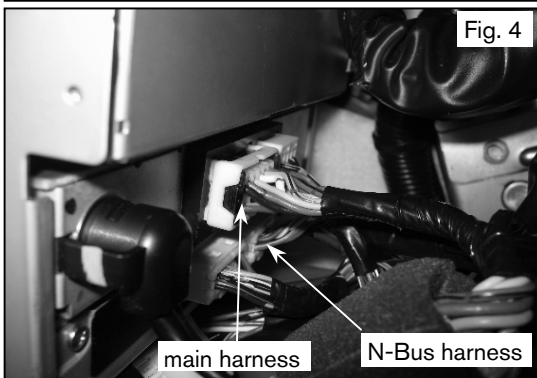


Fig. 4

(2) From opening in glove box cavity disconnect main harness and N-Bus connectors from head unit. Fig. 4

(3) Attach appropriate connectors of iPod gateway harness to the head unit and main harness.

(4) Insert smaller connector of iPod gateway harness to the appropriate connector on the back of the head unit.

(5) Route other end of the iPod gateway harness towards the iPod gateway module mounting location.

(6) Attach the appropriate connector of the satellite radio harness to the disconnected N-Bus behind the head unit. Fig. 5

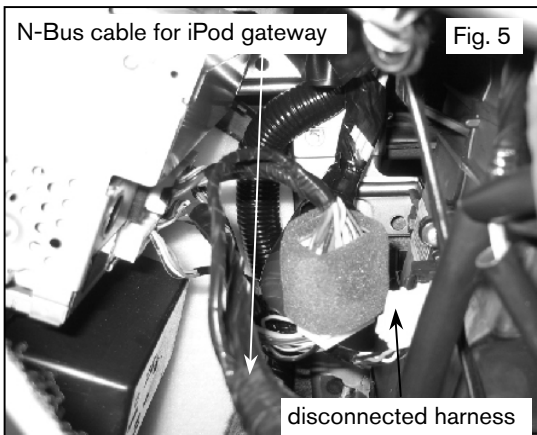


Fig. 5

(7) Secure the connectors to another harness behind the head unit with one (1) piece of foam tape. Fig. 6

(8) Route harness towards the iPod gateway module mounting location.

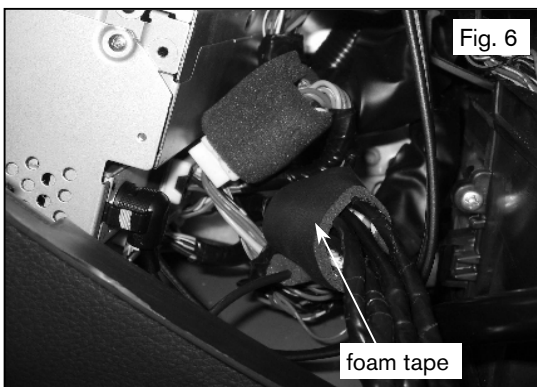
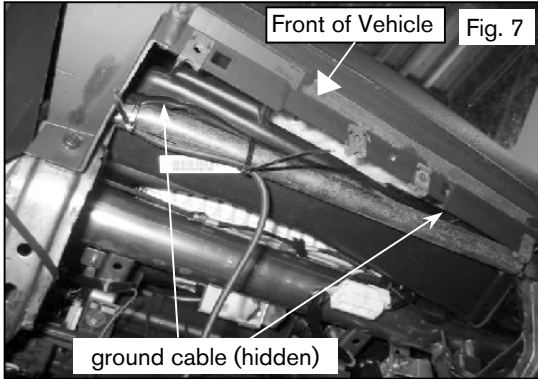


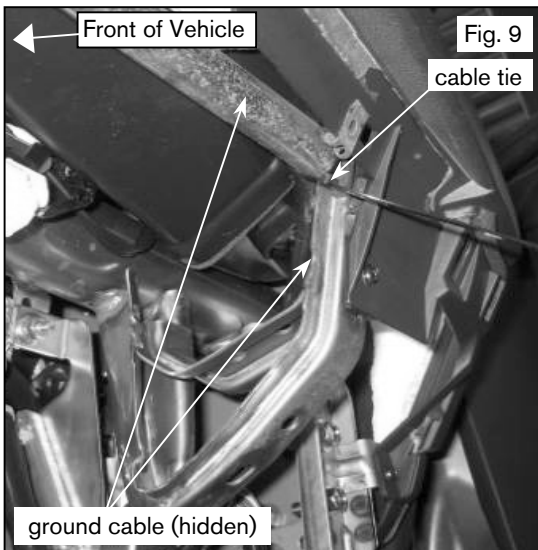
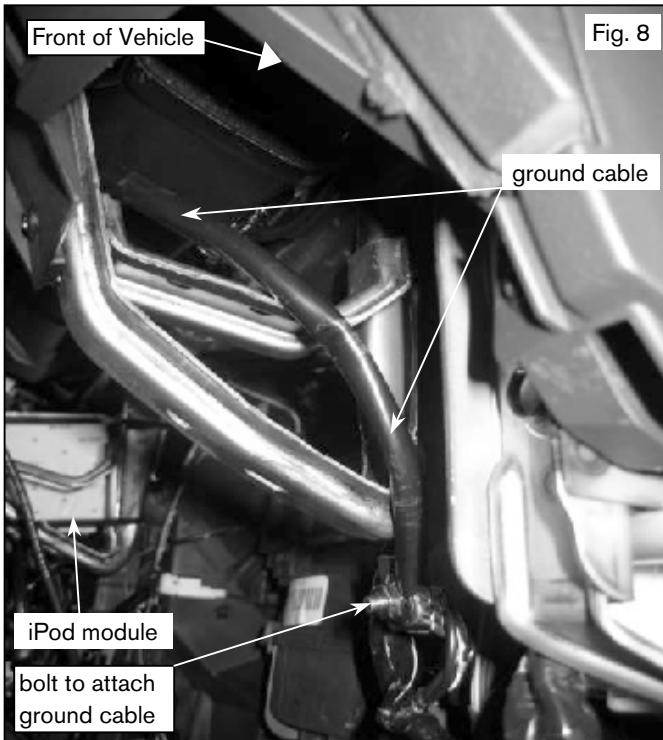
Fig. 6

foam tape



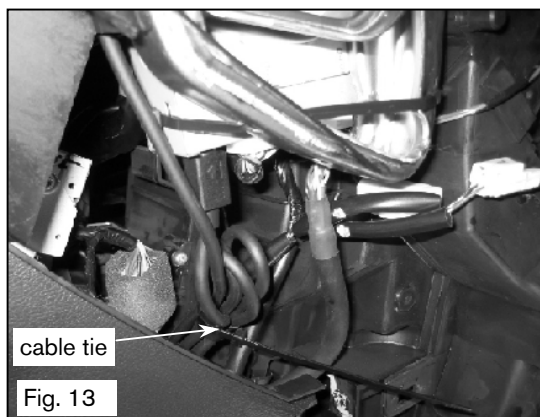
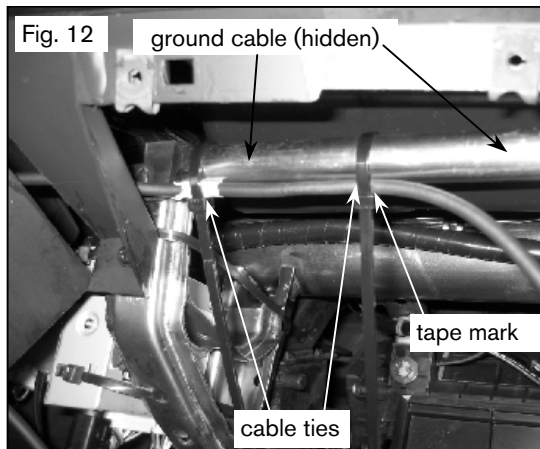
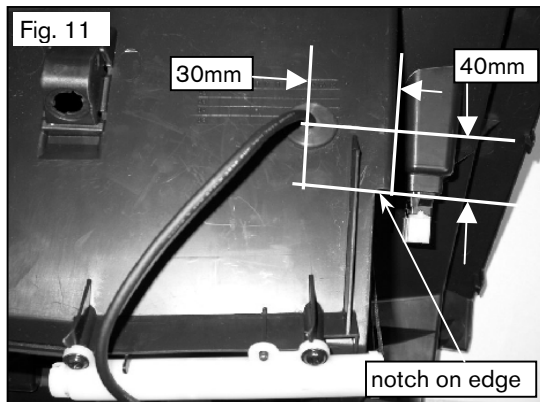
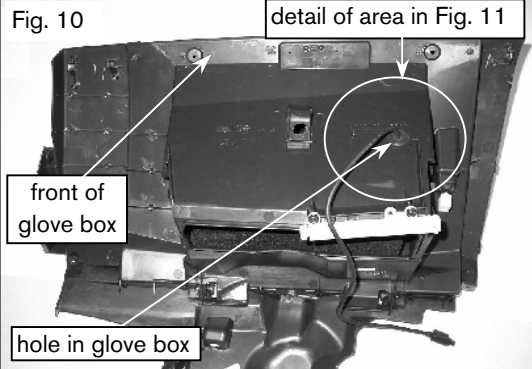
(9) Take the ground cable tear taped to the N-bus harness and route towards the RH side of the glove box cavity. Route above metal bar on top of cavity. Fig. 7

(10) Route ground cable over upper cross bar of RH bracket. Using 10mm socket remove the nut on the ground point below the RH bracket. Attach eyelet connector and tighten nut. Fig. 8



(11) Secure the ground cable with one (1) cable tie to the RH side of the metal bar. The cable will be secured with more cable ties in a later step. Fig. 9

9. CABLE ROUTING (iPOD CABLE):



- (1) Using a 1/8" bit drill a pilot hole in the upper part of the glove box 30mm +/-2mm (1.2in) from the lower edge of the notch and 40mm +/-2mm (1.6in) from the right side edge of the box. Use an 11/16" drill bit to open up the hole. Fig. 10 & 11
- (2) Mark the iPod cable 584mm +/- 25mm (23in +/- 1in) from the iPod connector (rectangular connector) with electrical tape. Start routing iPod cable from inside of glove box with DIN connector end. Route out of glove box through the drilled hole. Fig. 11
- (3) Place split grommet over wire and feed into drilled hole in glove box. A PGF stick or other plastic prying tool may be helpful. Fig. 11
- (4) Route iPod cable up towards the mounting location.
- (5) Secure the iPod cable (on the tape mark) and ground cable directly above the grommet to the metal bar in the upper part of the glove box cavity with one (1) cable tie. Fig. 12
- (6) Secure the iPod cable and ground cable to the same metal bar on the extreme LH side with one (1) cable tie. Fig. 12
- (7) Route iPod cable over iPod mounting location and down towards floor.
- (8) Gather the excess cable into a 5-6" bundle. Wrap electrical tape around the bundle at least two (2) revolutions. Fig. 13
- (9) Secure the bundle to a nearby cable with one (1) cable tie. Fig. 13

10. IPOD GATEWAY MOUNTING:



Fig. 14

(1) Thread the two (2) large cable ties through the holes in the chassis from right to left (label facing up). Ensure that the cable ties are pulled through with no slack and the head is pulled right up to chassis. Fig. 14

(2) Attach another two (2) large cable ties, one to each of the threaded cable ties from the previous step. Fig. 14

(3) Cut the threaded cable ties from step 1 even with the head of the cable ties from step 2. Fig. 14

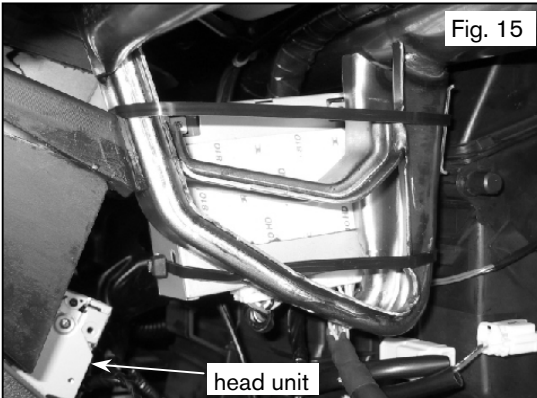


Fig. 15

(4) Using the provided alcohol wipe, clean the bottom of the module. Attach provided double-sided tape to bottom of module. Peel off tape liner on the other side.

NOTE

The available area for the double-sided tape to adhere to is small. The double-sided tape is used to prevent rattles and other noises.

(5) While holding module in place with your hand wrap the cable ties around metal framing.

(6) The upper cable tie should be wrapped on the outside of the metal frame and above any attached trim pieces. The lower cable tie should be wrapped on the outside of the frame towards the front of the vehicle, but routed through the small hole towards the rear. Fig. 15 & 16

(7) Thread cable ties through the head and tighten.

(8) The cables can now be inserted into their corresponding connectors.

NOTE

When re-installing the glove box any slack needs to be pulled out. When putting the glove box in place pull the cable from the inside of the glove box.

(9) When the glove box is put back into place the iPod cable should be 495mm +/- 25mm (19.5in +/- 1in) from the iPod connector to the grommet in the glove box.

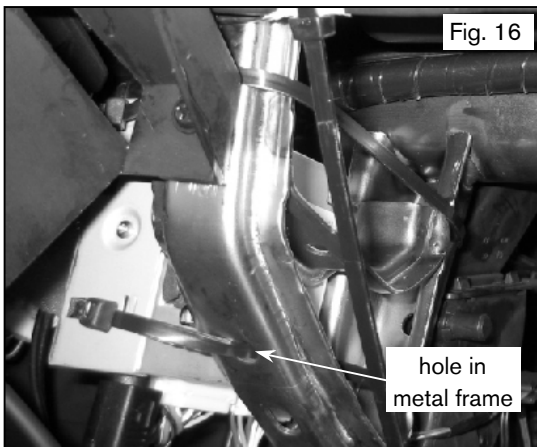


Fig. 16

hole in
metal frame

11. OPERATION CHECK:

- (1) Connect the battery negative terminal.
- (2) Turn vehicle ignition switch to the "ACC" position.
- (3) Reference the vehicle specific Satellite Radio Installation Instructions for further information. If Satellite radio was part of installation turn radio on then select satellite radio mode. Acquiring (Sirius) or Loading (XM) will display for a while. If not, move vehicle to outside and try again.
- (4) If Satellite radio was part of installation tune to preview channel (XM: channel "1" / Sirius: channel "184") to make sure receiving preview channel correctly. For Sirius tuner installations the preview channel may not be accessible. For further information reference the Operation Check section of the vehicle specific Satellite Radio Installation Instructions.
- (5) Confirm proper audio operation. (AM / FM / SAT / TAPE / CD)
- (6) If no iPod is present the head unit display should show "NO IPOD". If an iPod is connected to the system a check mark should be displayed on the iPod screen and audio should start playing in 5-20 seconds.
- (7) A full diagnostic tree is available on the next page for troubleshooting the system.

12. REINSTALLATION OF REMOVED PARTS:

- (1) Re-install all removed vehicle parts referring to the service manual for the vehicle.



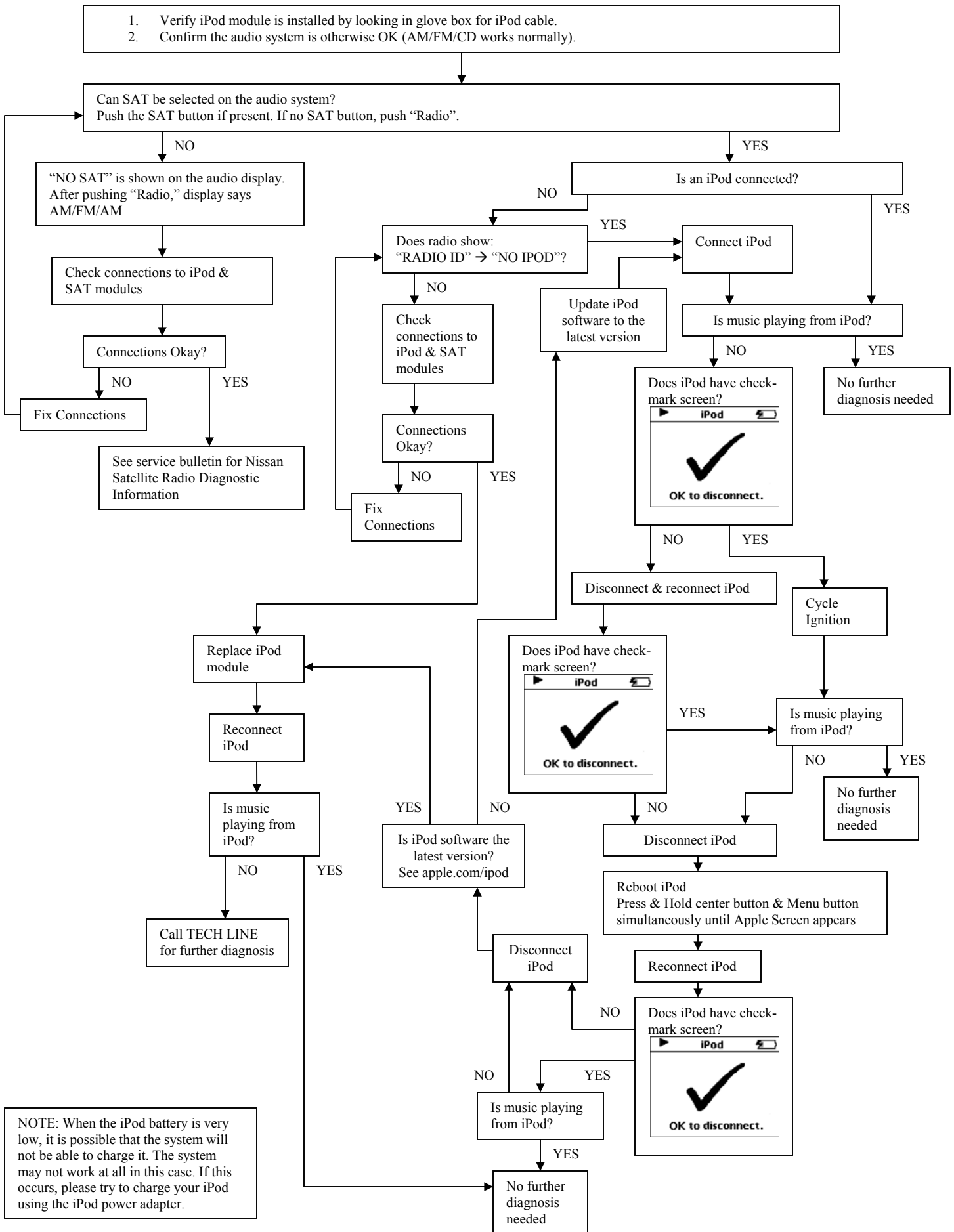
Use caution when re-installing interior components to avoid damage, scratches, or breaking of mounting clips. Refer to the vehicle specific service manual for more information.

- (2) Clean interior of vehicle.

13. FINAL INSPECTION:

- (1) Inspect the vehicle interior and exterior for damage.
- (2) Confirm proper operation of vehicle systems.
- (3) Reset radio presets to the recorded settings.
- (4) If equipped, verify proper sunroof operation and perform the reset procedure if necessary. Refer to Service Manual requirements.
- (5) Place the Owners Manual and Quick Reference Card in the customers glove box.

NISSAN IPOD INTERFACE DIAGNOSTIC FLOW CHART



NOTE: When the iPod battery is very low, it is possible that the system will not be able to charge it. The system may not work at all in this case. If this occurs, please try to charge your iPod using the iPod power adapter.