



Priority Level: MEDIUM — Recommended Action		
<b>Attention:</b>	All Service Personnel	<b>Bulletin:</b> SB-011
<b>Product:</b>	EA GAMES™ <i>Need for Speed</i> ™ Deluxe and Upright Cabinets	<b>Date:</b> 4/14/2005
<b>Issue:</b>	Audio Amp must be connected to +5/+12 VDC Power Supply	

**Symptom:** The *Need for Speed*™ Deluxe and Upright cabinets have the Audio Amp connected to the +24 VDC Power Supply. This power supply must be used exclusively by the Force-Feedback Steering System.

If the Audio Amp is sharing the power supply with the Force-Feedback Steering System, and the audio levels are turned up, the game may freeze.

**Solution:** Refer to the figure below and perform the following steps to connect the Audio Amp power harness to the +5/+12 VDC Power Supply:

1. Power OFF the cabinet and disconnect the AC Power Cord.
2. Disconnect the wire from the +12 V terminal of the +24 VDC Power Supply. Disconnect the other wire on this harness from the ground (GND) terminal.
3. Trace the disconnected harness to a 4-pin PC Power Connector and disconnect it.
4. Connect the 4-pin Power Connector from the Audio Amp to an available connector on the +12/+5 V External Power Supply.

If the Audio Amp connector is not long enough to reach the power harness, use a standard 4-pin PC Power Extension or "Y" harness, at least 2-feet in length, such as GLOBAL VR® Part #: 115-0057-01 or V2-420035-01.

