

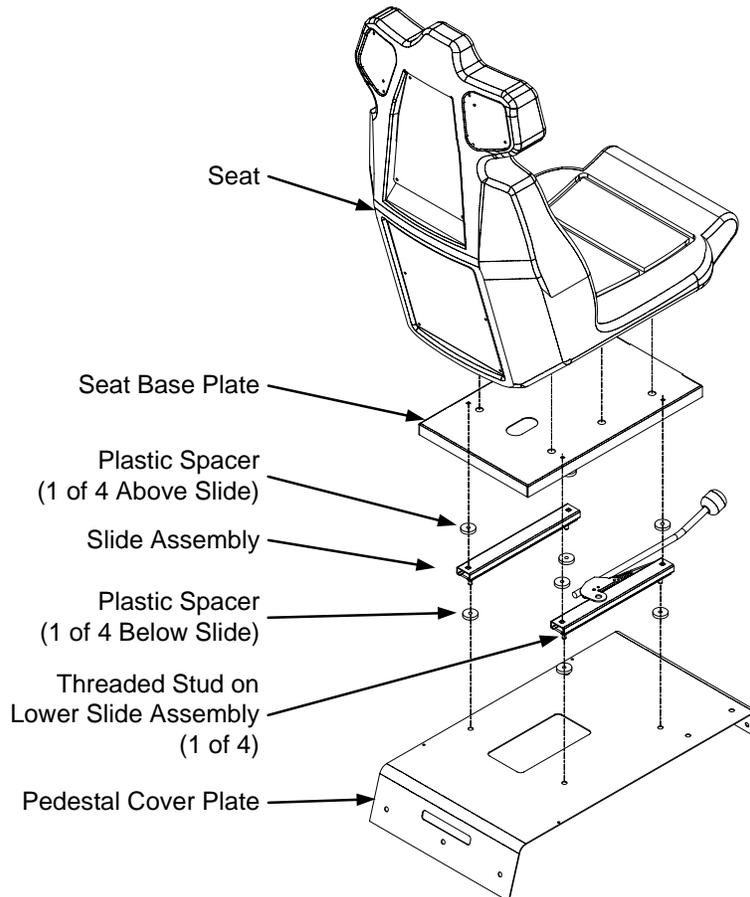


<b>Priority Level: Medium — Recommended Action</b>		
<b>Attention:</b>	All Service Personnel	<b>Bulletin:</b> SB-022 <b>Date:</b> 1/24/2006
<b>Products:</b>	<i>Need for Speed™ Underground</i> Dedicated Cabinets	
<b>Issue:</b>	Seats sometimes become loose and wobble. Use Loctite® or Nylock nuts on the mounting bolts to prevent loosening.	

**Symptom:** Seats on dedicated *Need for Speed™ Underground* games sometimes become loose and wobble during gameplay.

**Solution:** Follow the steps in this bulletin to inspect and secure the seat mounting bolts. Use nuts with nylon inserts (Nylock nuts) or Loctite 242® Threadlocker Blue (or a comparable product) applied according to the manufacturer's instructions to ensure that the nuts do not loosen.

1. Refer to the figure below and inspect the seat assembly to determine which areas are loose. Push the top part of the seat from side to side and watch for a gap between the Slide Assembly and the Pedestal Cover Plate below it, or the Slide Assembly and the Seat Base Plate above it. If you notice looseness, or you wish to prevent possible looseness in the future, perform the steps that follow.



2. Disconnect the AC power cord from the cabinet.
3. Remove the four (4) T-15 Torx screws that secure the plastic shifter cover to the seat pedestal.
4. Remove the five (5) T-27 Torx bolts that secure the shifter housing to the seat pedestal, and remove the shifter assembly. Be careful not to pull any shifter wires. Set the shifter on the floor by the pedestal.
5. Remove the six (6) Torx bolts and the three (3) wood screws that secure the Pedestal Cover Plate to the wooden seat pedestal.
6. Carefully lift the seat assembly and place it on its side. Be careful not to pull the speaker wires that run from the pedestal into the seat. You may need to reach inside the pedestal and snip wire ties to create slack in the wires.
7. You now have access to the four (4) nuts and flat washers under the Pedestal Cover Plate. These secure the Pedestal Cover Plate to threaded studs on the lower part of the Slide Assembly. If you need to tighten the nuts above the slide assembly, remove these four nuts and washers and the Pedestal Cover Plate.

**Note:** Be careful not to lose the four Plastic Spacers on the threaded studs of the Slide Assembly. A missing spacer will cause the seat to wobble. If necessary, flat washers stacked to equal the thickness of the spacer can be used to replace a lost spacer.

8. Refer to the following descriptions of each area where you may find looseness, and then perform the procedures described as necessary to correct any problems:
  - The molded plastic seat is mounted to the Seat Base Plate using five (5) each 3/8"-16 x .75 bolts, 3/8" lock washers, and 3/8" flat washers.  
If you notice any looseness between the plastic seat and the Seat Base Plate, tighten the five (5) nuts to 10–12 ft lbs (120–144 in lbs). Be careful not to over tighten or you may damage the plastic seat.
  - The Seat Base Plate is mounted to the upper part of the Slide Assembly using four (4) each 1/4-20 x .75 carriage bolts and 1/4-20 flange nuts, and 1/4" flat washers. Move the lower slides to each side to access all four nuts.  
If you notice any looseness between the Slide Assembly and the Seat Base Plate, either replace the nuts with 1/4 Nylock nuts, or apply Loctite 242 Threadlocker Blue (or a comparable product) to the threads and tighten the nuts to 4–6 ft lbs (48–72 in lbs).
  - The Pedestal Cover Plate is mounted to the lower part of the Slide Assembly using four (4) each 5/16-18 flange nuts and 5/16" flat washers.  
If you notice any looseness between the Slide Assembly and Pedestal Cover Plate, either replace the nuts with 5/16 Nylock nuts, or apply Loctite 242 Threadlocker Blue (or a comparable product) and tighten the nuts to 9–12 ft lbs (108–144 in lbs).

**Important:** Loctite can damage plastics. Be careful not to get the Loctite on the plastic seat, and do not use Loctite with Nylock nuts. Tighten all nuts firmly, using a torque wrench, if available.

9. Reverse the steps above to re-assemble the seat. Make sure all plastic spacers are in place and align the slides so the threaded studs line up with the holes in the Pedestal Cover Plate.