



Offset Leg Barrier & 2/3 Seat Back Pads

RECALL

MODELS AFFECTED: School Bus Models Equipped with Offset Leg Barriers and/or 2/3 Seats,
Built January 30, 2003 and Later and Delivered May 06, 2009 and Earlier

ISSUE

On some affected buses, Barriers and/or 2/3 Seats with offset floor-mounted supports may have incorrect foam pad assemblies installed, resulting in a noncompliance with FMVSS 222 S5.3.2 Leg Protection Zone.

CORRECTIVE ACTION

This procedure describes the necessary inspection to determine if incorrect pad is installed, and replacement of incorrect pads.

PROCEDURE

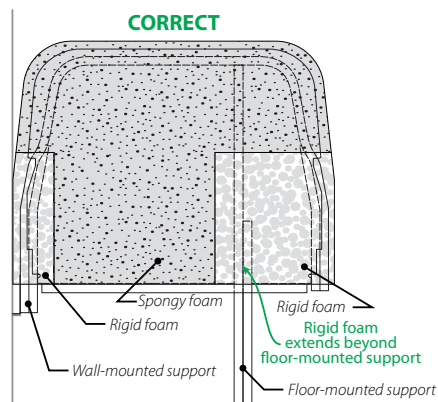
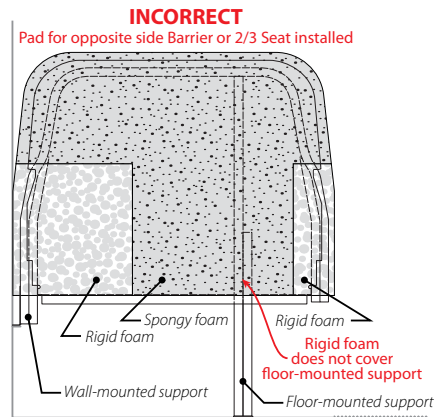
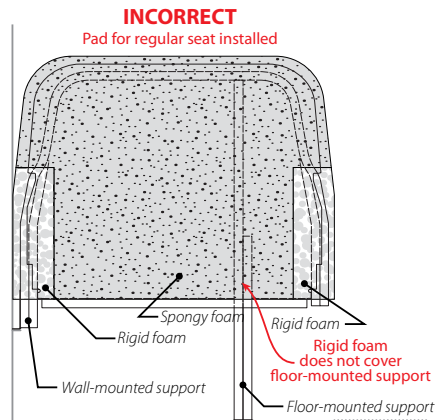
WARNING Always follow all federal, state, local, and shop safety standards and use proper safety equipment when performing this procedure.

1 Thoroughly study and understand the following details of this issue before performing inspections:

- Barrier and Seat Back Pads Construction. The Pads are generally assembled from several pieces of two different types of foam material:
- Non-rigid ("spongy") foam forms the majority of the Pads.
- Rigid expanded polystyrene ("styrofoam-like") boards are used to cover frame members in certain "collision impact zone" areas.

Once familiar with the construction, the edges between the two types of foam are easy to distinguish by feeling along the installed seat back or barrier cover, as will be described in Step 2.

- Correct Pads For Barrier and 2/3 Seat Backs. The offset support legs of Seat Barriers and 2/3 Seat Assemblies extend vertically inside the back frame. These vertical frame members are required to be covered by the rigid foam components of the Pad Assembly.
- Incorrect Pads For Barrier and 2/3 Seat Backs. If a Pad Assembly for a regular full-width seat is installed on a Barrier, or on a 2/3 Seat Back, the vertical extension of the support legs are not sufficiently covered by the rigid foam type.



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2 Inspect each Left and Right Offset Leg Barrier and each 2/3 Seat Assembly to ensure the correct Pad Assembly is installed:

2.1 On the rear side of the Barrier or Seat Assembly back, starting at aisle-side lower corner, press a hand near the bottom edge and move slowly toward the middle of the back. A change in softness can be easily felt where the rigid foam ends and the spongy foam begins. Mark this location, and compare it to the location of the offset leg portion of the frame.



The edge of the rigid foam inside the cover of a Barrier or a 2/3 Seat extends beyond the vertical support leg, which is offset from the aisle-side of the seat.



The pad of a regular seat back also has rigid foam pieces, but they do not extend as far from the aisle-side of the seat, because the vertical support leg is not offset.

2.2 If the location of the end of the rigid foam cannot be clearly determined by the above-described method, remove the metal trim from the bottom of the back cover and inspect visually.

2.3 Note your findings on the Recall Inspection Sheet, provided, and inspect the next Barrier or 2/3 Seat until all of those on the bus are inspected. For each:

- If the rigid foam spans beyond the offset leg, the correct Pad Assembly is installed, and no rework is required.
- If the rigid foam does not extend beyond the offset leg, an incorrect Pad Assembly is installed, and must be replaced with a correct Pad Assembly. Proceed to Step 3 to perform the Pad replacement on a Barrier Assembly. Proceed to Step 4 to perform the Pad replacement on a 2/3 Seat Assembly.

2.4 Return the completed Recall Inspection Sheet to Blue Bird per the Recall instructions.

3 Pad Replacement For an Offset Leg Barrier Assembly:

WARNING Barrier pad must be installed correctly to comply with FMVSS 222 55.3.2 Leg Protection Zone.

3.1 If the Barrier is a right-side Barrier, behind the entrance door stepwell, remove the handrail on the entrance door side.

3.2 Remove the metal trim along the bottom of the back cover, and the lower panel (if so equipped).

3.3 Carefully remove the staples that attach the cover to the frame along the bottom edge, taking care not to damage the Cover.

3.4 Remove the Cover and retain it for reinstallation.

3.5 Remove and discard the incorrect Pad Assembly.

3.6 Install a new Pad Assembly, with the the rigid foam sections toward the rear of the bus.

3.7 Reinstall the Cover. Pull the Cover tightly and staple to the wood strip along the bottom edge.

3.8 Reinstall all trim, panels, or handrails that were removed in Step 3.2, using the original fasteners.



4 Pad Replacement For a 2/3 Seat Assembly:

WARNING The 2/3 Seat Pad Assembly must be installed correctly to comply with FMVSS 222 S5.3.2 Leg Protection Zone.

- 4.1 Remove the metal trim along the bottom of the back cover, and the lower panel.
- 4.2 Carefully remove the staples that attach the cover to the frame along the bottom edge, taking care not to damage the Cover.
- 4.3 Remove the Cover and retain it for reinstallation.
- 4.4 Remove and discard the incorrect Pad Assembly.
- 4.5 Install a new Pad Assembly, with the the rigid foam sections toward the rear of the bus.
- 4.6 Reinstall the Cover. Pull the Cover tightly and staple to the wood strip along the bottom edge.
- 4.7 Reinstall the trim that was removed in Step 4.1, using the original fasteners.

PARTS

PART NUMBER	QUANTITY	DESCRIPTION
00005525	As Required	PAD,BARRIER, 36.00, GM, LH, OFFSET LEG
00005526	As Required	PAD,BARRIER,36.00, GM, RH, OFFSET LEG
00005527	As Required	PAD, BARRIER, 36.00, HI-BACK, LH, OFFSET LEG
00005528	As Required	PAD, BARRIER, 36.00, HI-BACK, RH, OFFSET LEG
00005531	As Required	PAD, BARRIER, 39.00, HI-BACK, LH, OFFSET LEG
00005532	As Required	PAD, BARRIER, 45.00, HI-BACK, LH, OFFSET LEG
00005533	As Required	PAD, BARRIER, 39.00, HI-BACK, RH, OFFSET LEG
00005534	As Required	PAD, BARRIER, 39.00, GM, LH, OFFSET LEG
00005535	As Required	PAD, BARRIER, 39.00, GM, RH, OFFSET LEG
00005536	As Required	PAD, BARRIER, 45.00, GM, LH, OFFSET LEG
00928416	As Required	PAD, SEAT BACK, 2/3, RH
00949057	As Required	PAD, SEAT BACK, 2/3, LH, 39, SBTf
00114324	As Required	PAD, SEAT, HIGH BACK, 2/3, 30-39, RH
00114323	As Required	PAD, SEAT, HIGH BACK, 2/3, 30-39, LH

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