



RECALL

R20AM Seat Barrier Install Behind Driver Seat Integrated 3-Point Seatbelt

Models Affected: 2008 through 2021 Model Year All American and Vision Buses

Issue: Certain buses may fail to conform to the Federal Motor Vehicle Safety Standard Number 222 "School Bus Passenger Seating and Crash Protection" requirements for the seat barrier behind the driver seat with integrated 3-point seat belt. The LH front passenger seat barrier may be incorrect and under floor mounting bracket may be incorrect or missing.

Corrective Action: The barrier on subject buses must be inspected and replaced if found to be incorrect and the reinforcing bracket below the floor on Vision buses inspected to determine the correct reinforcing bracket is installed.

Parts/Items Needed: (Based on Inspection and current Barrier Installation)

Item Number	Part Number	Description	Quantity
1	00116262	FRAME ASSY, BAR,30, HBK, GM, LH, SOLID INSERT	1 (If Needed)
	00116263	FRAME ASSY, BAR,36, HBK, GM, LH, SOLID INSERT	1 (If Needed)
	00116264	FRAME ASSY, BAR,39, HBK, GM, LH, SOLID INSERT	1 (If Needed)
	00116265	FRAME ASSY, BAR,45, HBK, GM, LH, SOLID INSERT	1 (If Needed)
2	KIT A	KIT-39" Below Floor Bracket-Non-Gas	1 (If Needed)
	000111381	BRACKET ASSY, REINF, BARRIER LEG, IN,39 BBCV	1
	00111413	BRACKET ASSY, REINF, BARRIER LEG, OUTER BBCV	1
	00002811	NUT, HEX HD, 5/16-18.FLG, LK, NYL INS, YEL ZN DI	2
	01686484	CAPSCREW, HEX HD,5/16-18 X 3 1/2, SS, FUL THRD	2
	00803239	CAPSCREW, HEX HD,1/2-13 X1 1/2, GR8, YELZNDICH	4
	KIT B	KIT-39" Below Floor Bracket-Gas	1 (If Needed)
	10051367	BRACKET ASSY, REINF, BARRIER LEG, INNER,39 BBCV GAS	1
	00111413	BRACKET ASSY, REINF, BARRIER LEG, OUTER BBCV	1
	00002811	NUT, HEX HD, 5/16-18.FLG, LK, NYL INS, YEL ZN DI	2
	01686484	CAPSCREW, HEX HD,5/16-18 X 3 1/2, SS, FUL THRD	2
	00803239	CAPSCREW, HEX HD,1/2-13 X1 1/2, GR8, YELZNDICH	4
	KIT C	KIT-45" Below Floor Bracket-Non-Gas	1 (If Needed)
	00112323	BRACKET ASSY, REINF, BAR LEG, INNER,45 BBCV	1
	00111413	BRACKET ASSY, REINF, BARRIER LEG, OUTER BBCV	1
	01686484	CAPSCREW, HEX HD,5/16-18 X 3 1/2, SS, FUL THRD	2
	00002811	NUT, HEX HD, 5/16-18.FLG, LK, NYL INS, YEL ZN DI	2
	00803239	CAPSCREW, HEX HD,1/2-13 X1 1/2, GR8, YELZNDICH	4



RECALL

R20AM Seat Barrier Install Behind Driver Seat Integrated 3-Point Seatbelt

WARNING: Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment, and thoroughly read and understand all instructions before performing these procedures. Park bus on level surface, apply parking brake, turn off ignition key, and chock wheels.

Inspection:

Barrier (All American and Vision)

Ensure the correct barrier is installed. Do this by visually inspecting the underside of the barrier frame at the wall bracket. If the inside frame tubing is hollow it is the incorrect barrier and will need to be changed. If the inside barrier tubing is solid the barrier is correct as the reinforcement has been welded into place. **See Photo (1)**

Barrier Floor Reinforcement Bracket (Vision Buses Only)

Inspect to see if the correct barrier under floor reinforcement bracket is installed.

1. Going underneath the unit ensure the correct reinforcement brackets are installed. All Vision buses, *with* integrated drivers seat belt, should have the underfloor brackets. **(Barrier mounting bolts must go through the under-floor reinforcement brackets).**
2. **If no bracket is installed, install the proper Bracket kit per the parts list and instructions provided below.**
3. If the brackets are installed, verify the following: (See Images below).
 - a. Gasoline buses should have bracket which has a shorter flange.
 - i. 10051367 (BRACKET ASSY, REINF, BARRIER LEG, INNER,39 BBCV GAS)
 - b. All other buses should have one of the following brackets depending on the barrier size in the bus.
 - i. 00112323 BRACKET ASSY, REINF, BARRIER LEG, INNER,45 BBCV
 - ii. 00111381 BRACKET ASSY, REINF, BARRIER LEG, INNER,39 BBCV
4. If a bracket is installed but is wrong, you only need to replace the one part, per the part numbers listed.

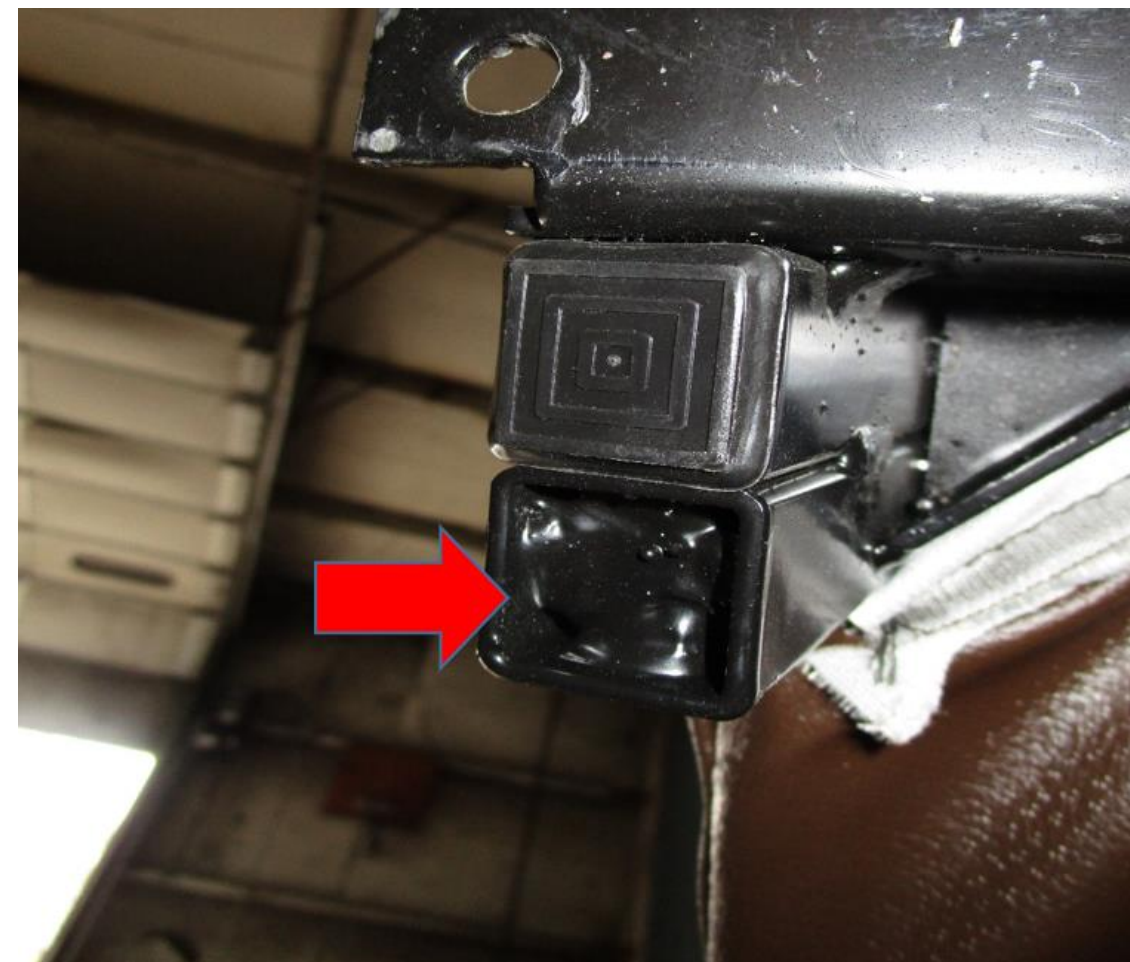
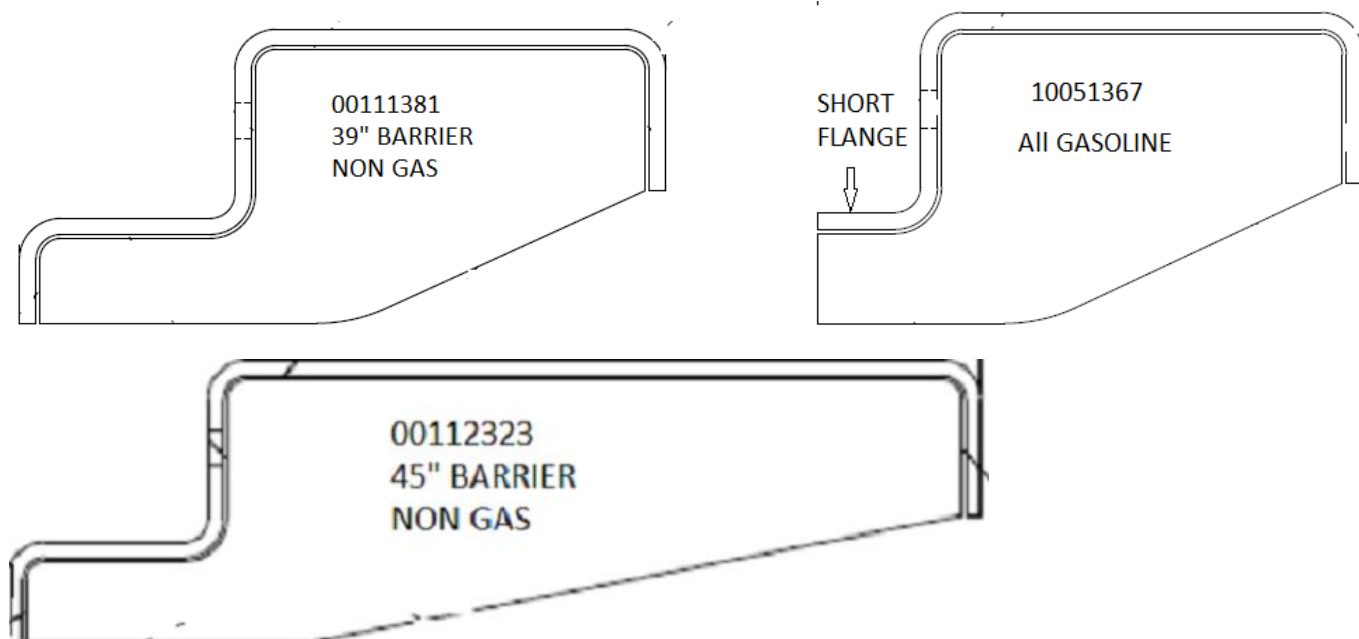


Photo 1

Instructions:

Reinforced Barrier

Removal of Incorrect Barrier

1. Remove and retain the two fasteners that secure the barrier leg to the floor. See photo (2)
2. If a modesty panel is installed, remove and retain all the fasteners that secure it to floor barrier and gusset. See photo (2)
3. Remove the modesty panel from the work area.
4. Remove and retain the three bolts and nuts that secure the barrier frame to the gusset.
5. Remove the barrier from the bus and place on a clean work surface.
6. If the unit did not have a modesty panel, remove and retain the fasteners securing the barrier trim to expose the staples for the barrier cover.
7. Remove all the staples that secure the barrier cover to the tack strip.
Note: It is important not to damage the barrier cover, as it will be used on the replacement barrier.
8. Once all the staples are removed from the barrier cover, remove the barrier cover and padding from the barrier frame.
9. Remove the tack strip from the barrier frame by removing the staples on the opposing side of the barrier frame. Photo (3)
10. Remove the incorrect barrier frame from the work area.



Photo 2



Photo 3

Installation of Reinforced Barrier Frame

1. Using 7/32" drill bit, back drill three holes in the reinforced barrier frame where the tack strip is to be mounted. See Photo (4)
2. Place the tack strip into place on the barrier frame.
3. Using the three 7/32" holes that were drilled secure the tack strip to the barrier frame using three 3/4" #10 screws.
4. Place the barrier padding and cover onto the barrier frame.
5. Pull the bottom rear of the barrier cover around to the tack strip and staple the cover to the tack strip.
6. Pull the front of the cover down to the tack strip and staple the cover to the tack strip. **Note:** Keep the staple line towards the bottom of the tack strip so that the staples will be covered by the barrier trim or modesty panel. See Photo (5)
7. If the unit was not equipped with a modesty panel, install the barrier trim using the fasteners from the removal process.
8. Place the barrier inside the bus.
9. Install the three bolts that secure the barrier frame to the gusset and hand tighten the nuts.
10. Insert the correct bolts for the barrier leg through the barrier leg, floor, and reinforcement bracket. If a new reinforcement bracket is required under the floor, install it before proceeding. The holes may be back drilled using an 11/32" drill bit, if needed.
11. Install the nuts to the barrier leg bolts and torque 12- 15 ft/lbs.
12. Torque the bolts that secure the barrier frame to the gusset to 18-20 ft/lbs.
13. Install the modesty panel to the barrier, floor, and wall using the fasteners from the removal process.



Photo 4



Photo 5

Barrier Under Floor Reinforcement Bracket Installation

1. Remove the two bolts that secure the barrier leg to the floor. See Photo (2)
2. Place the inside and outside reinforcement brackets into the proper location using the existing holes for the barrier leg, as referenced.
3. Secure the inside and outside reinforcement brackets into place using the 1/2-13 X 1 1/2, GR8, bolts included in the kit, (Torque to 70 ft/lbs.) See Photo (6) OR (7) DEPENDING ON YOUR VEHICLE
4. Once both reinforcement brackets are in place back drill the barrier leg holes using a 11/32" drill bit. (Under floor brackets must be located correctly, when back drilled for barrier bolts to go into them).
5. Install the barrier leg 5/16 bolts and nuts included in the kit and torque to 12-15 ft./lbs.

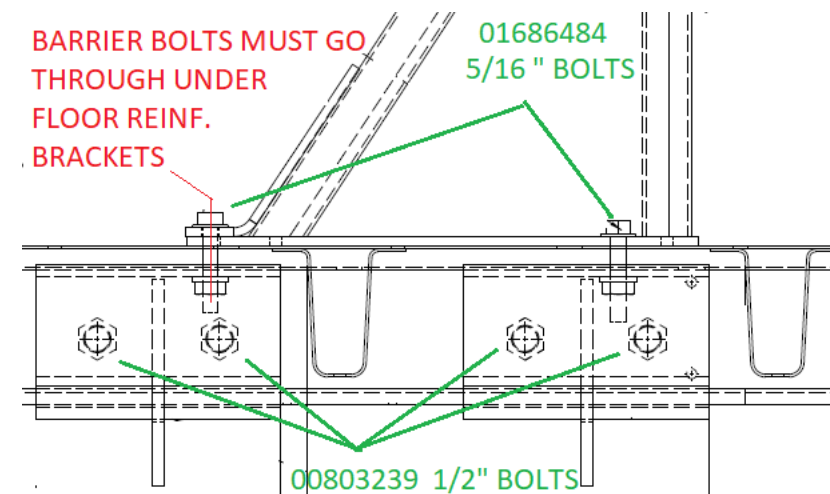
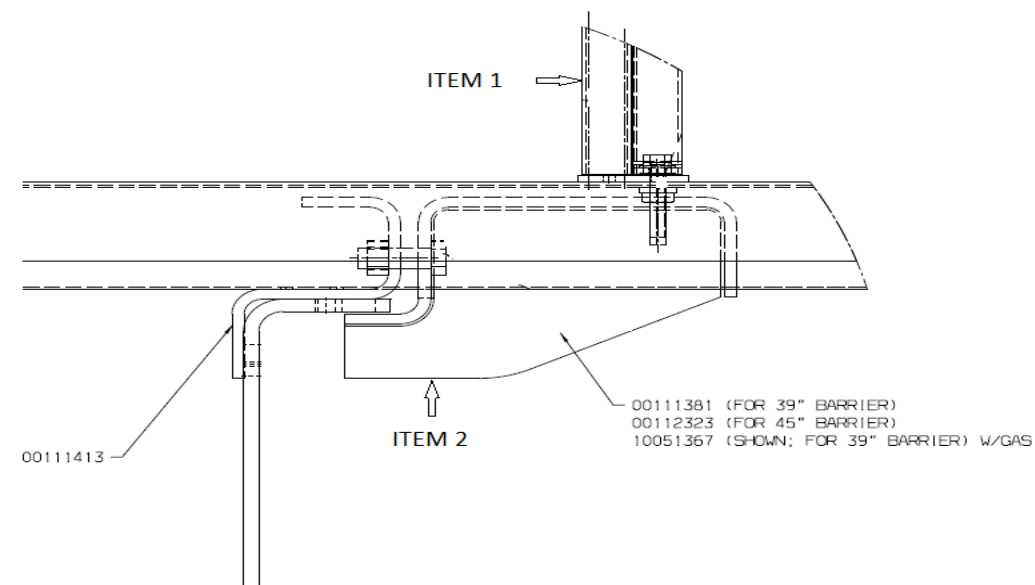


Photo 6



Photo 7