

Campaign – Ramp Hardware Upgrade

MODIFICATION INSTRUCTION

Bulletin No. 2016-3

Date: June 2016

Systems affected

EBB-80 box for upfit, model years 2011 through 2016 inclusive

Background

A ramp stabilization plate and transition piece is now available for retrofit to fielded ramp assemblies on the EBB-80 system. These parts will improve the ramp structure stability when deployed on uneven surfaces. The kit part number is 65329.100. Installation instructions for retrofit follow:

Parts required

PART #	RAMP RETROFIT KIT 65329.100	QTY
05329.410	RAMP ROLLER STOP GUARD EBB-80	2
05329.412	RAMP LATCH EBB-80/120	1
05329.413	RAMP CATCH EBB80/120	1
83900.583	SCREW CAP 1/4-20x3/4 18-8 SS	8
83900.423	WASHER,FLAT USS 1/4 ZINC	8
83900.059	NUT, (BS) NYLON STOP @ 1/4-20	8
83900.004	BOLT, (BS) @3/8-16 X 1 GR5 ZINC	4
83900.086	WASHER (BS) FLAT 3/8 SAE	4
83900.061	NUT, (BS) NYLON STOP @ 3/8-16	4

Procedure

1. Disconnect the negative terminal of the vehicle's engine battery. **Caution: Insure the transmission is in park and the parking brake is set before attempting ramp work.**
2. Slide out the access ramp to expose the rollers. Remove the two L-shaped stops and discard, as they will be replaced. With the help of an assistant, remove ramp and move to a suitable work surface. Refer below to illustration 1.
3. Remove the mid-mounted set of rollers. Refer to Illustrations 1 and 2.

Illustration 1

Remove these
rollers:

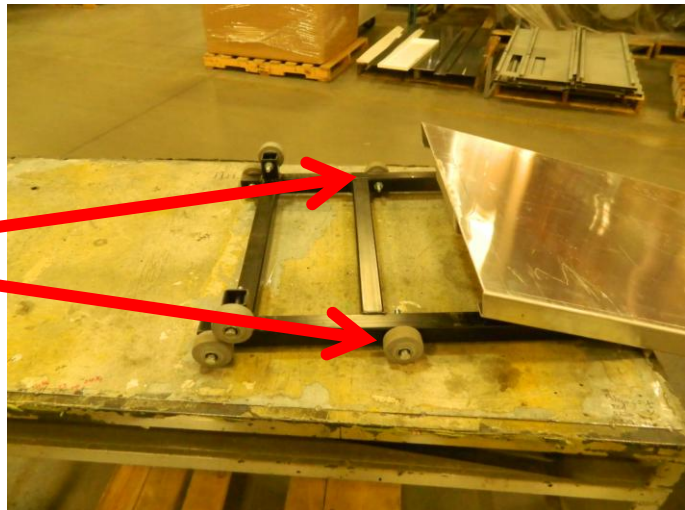
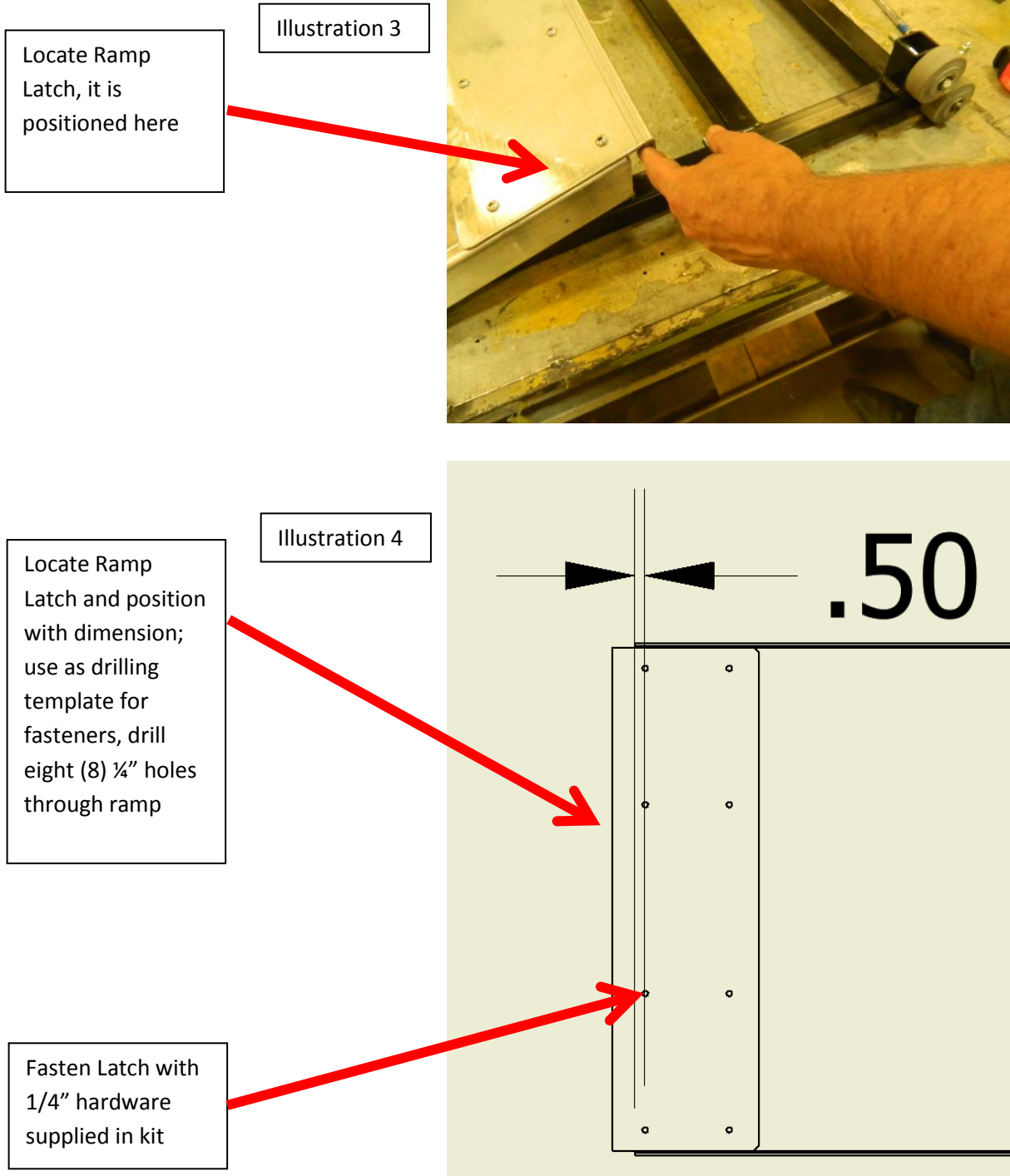


Illustration 2

Remove:



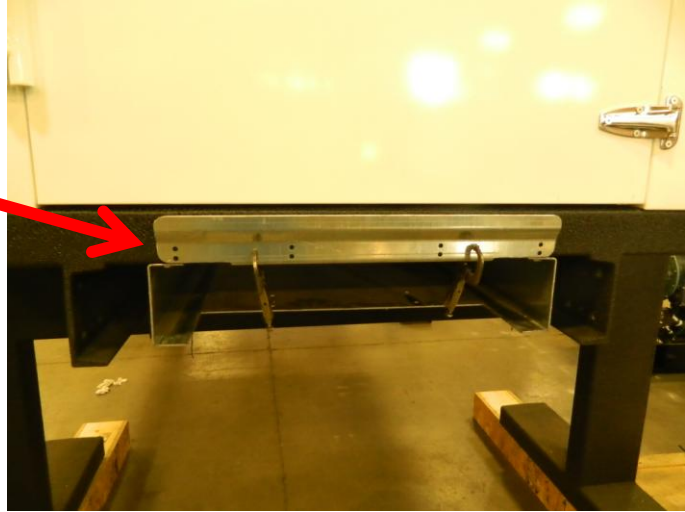
4. Locate the Ramp Latch as depicted in Illustrations 3 and 4 below. Carefully position part according to illustration dimension. Clamp in place, and use part as a drill template. Drill eight (8) holes through ramp with drill and $\frac{1}{4}$ " twist drill bit.
5. Fasten Ramp Latch with $\frac{1}{4}$ -20 hardware supplied with kit. Insure button heads are on the top side.



6. Locate the Ramp Catch as depicted below in Illustrations 5 and 6. Position part on rear van body frame channel as shown, using the depicted dimension for location. Use the part as a drill template and drill holes through the channel using a 3/8" drill.

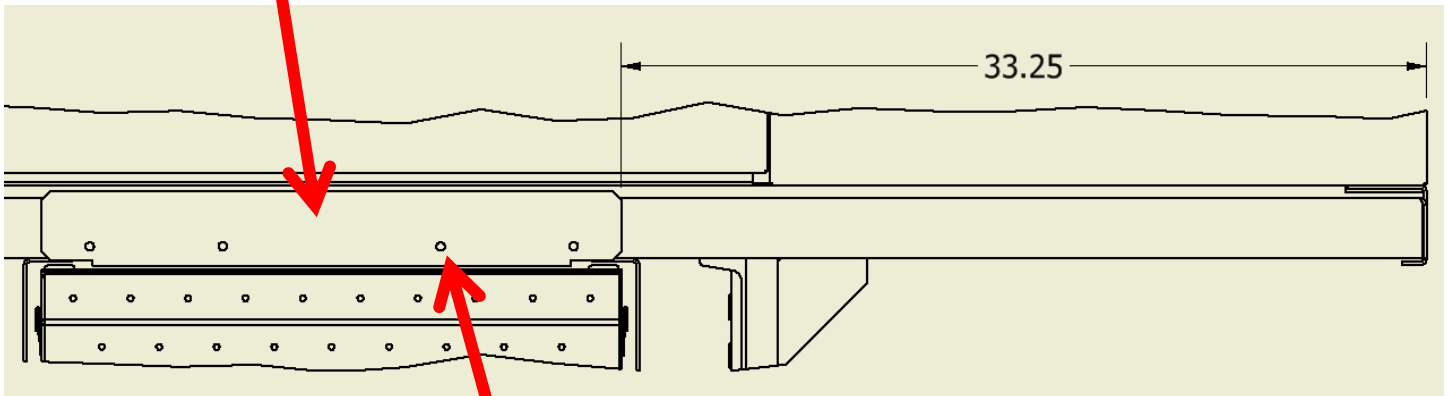
Locate Ramp Catch and position as shown (part will have four holes)

Illustration 5



Locate Ramp Catch with dimension; use as drilling template for fasteners, drill four (4) 3/8" holes through channel

Illustration 6



Fasten Catch with 3/8" hardware supplied in kit

7. With the help of an assistant, replace ramp in channel. With the ramp positioned for best clearance replace ramp stops supplied from the retrofit kit. Illustration 7.

Illustration 7

Replace with
modified stops
included in
retrofit kit.
Maintain
orientation.



8. When all parts have been reinstalled, deploy and stow ramp several times to insure smooth operation without binding or objectionable force. After ramp is tested, the negative cable of the vehicle's battery may be reconnected and equipment may be placed back into service.