

## INSTALL INSTRUCTIONS KK-ST-FLIP

### FLIP DOWN REAR STEP OPTION

(For Rear Permanent Mount Step order with KK-x-ST-RP)

#### TOOLS REQUIRED:

Ratcheting wrench	Power drill
Standard socket set	Drill bit set
Open-end wrench set	

#### HARDWARE:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>PART #</u>
10	1/2" x 1 1/2" Hex head bolt	GSM33050
4	1/2" x 3 1/2" Hex head bolt	GSM33055
32	1/2" Flat washer	GSM31012
10	1/2" Lock washer	GSM31030
4	1/2" Nylock nut	GSM30020
10	1/2" Hex nut	GSM30011
2	1/4" Stainless nylock nut	GSM30046

#### SUB ASSEMBLY:

1. Confirm receipt of all parts.
2. Flip down portion of step will come assembled.
3. Slide Support Channels into the Step.
4. Bolt together using (4) 1/2" x 4" Hex Head Bolts, 1/2" Nylock Nuts, 1/2" Flat Washers.

*Note: Be sure that flat side of Support Channels face towards outside of vehicle*

#### INSTALLATION:

##### 1. MOUNT FRAME BRACKETS:

- Determine Driver and Passenger side Frame Brackets using view on final page.
- Line brackets up with holes in frame rail of vehicle.
- Bolt brackets to frame using (4) 1/2" x 1 1/2" Hex Head Bolts, 1/2" Hex Head Nuts, 1/2" Flat Washers, and 1/2" Lock Washers
- Do not tighten hardware at this time.

*Note: FORD VANS Only: You must use a spacer between the Frame Rail and the Frame Bracket on the forward mounting holes. Use (2) 1/2" Supplied flat washers*

##### 2. MOUNT STEP AND RAIL ASSEMBLY:

- Step can be mounted at various heights.
- With height determined, loosely bolt Assembly to Frame Brackets using (6) 1/2" x 1 1/2" Hex Head Bolts, 1/2" Hex Head Nuts, 1/2" Flat Washers, and 1/2" Lock Washers

##### 3. FINAL SQUARING:

- With step square at desired height, tighten all hardware.

- Start with the Frame Brackets and then check for square again.
- Proceed to tighten Support Channels to Frame Brackets then Frame Brackets to Step Plate.

*Note: There are numerous holes in the step brackets for other Vehicle applications.*

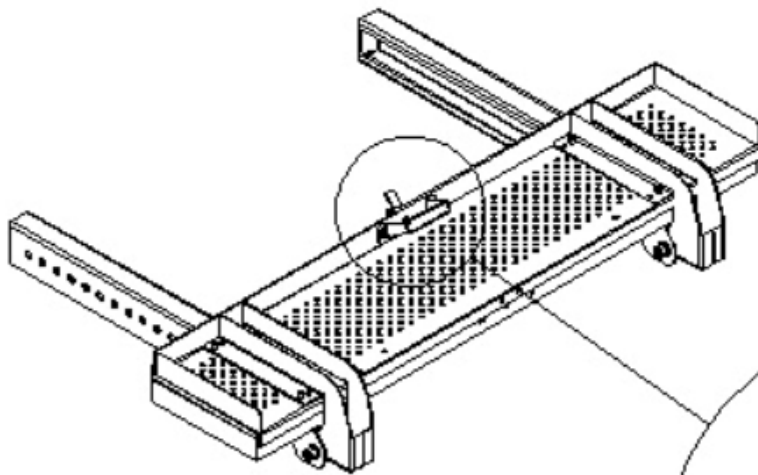
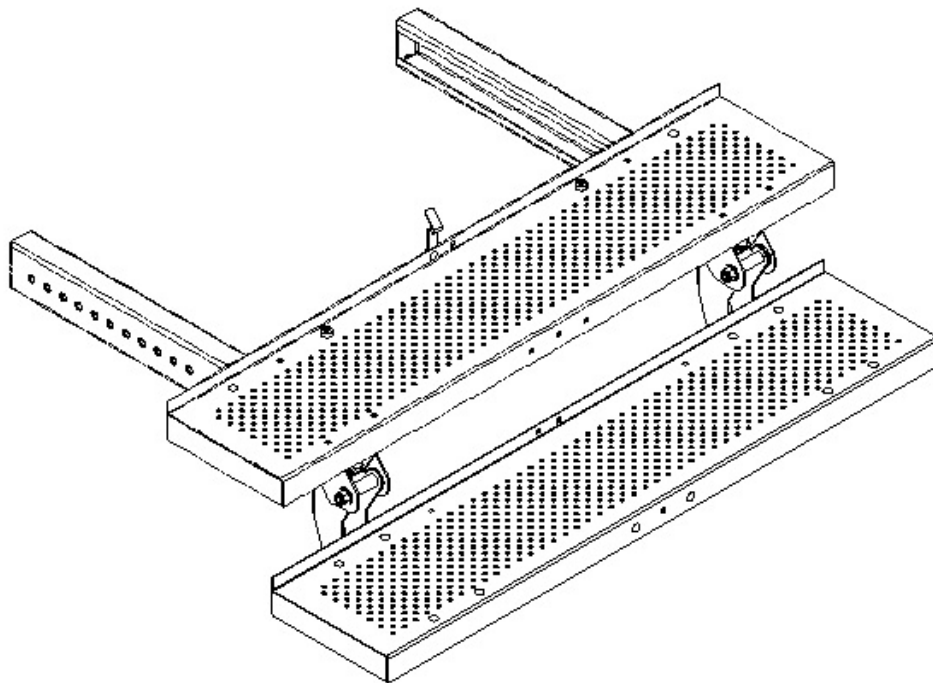
**IF FLIP PORTION OF STEP WAS ORDERED SEPARATELY USE THE FOLLOWING:**

**INSTALLATION:**

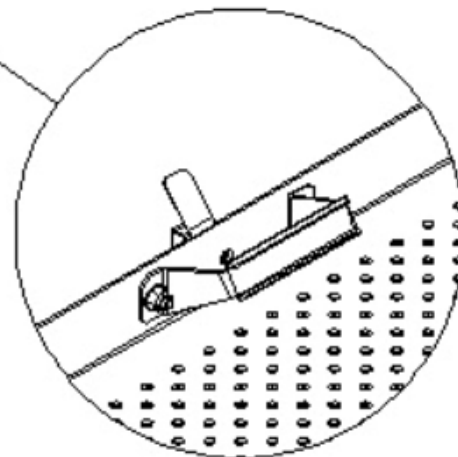
**1. MOUNT FLIP DOWN STEP:**

- Remove 1/2" hardware located on frame brackets of existing step.
- Install (4) flip down step adapter plates reusing 1/2" hardware removed from permanent rear step.
- Attach 2<sup>nd</sup> step to existing adapter plates using (2)-1 per side-1/2" x 3 1/2" Hex bolt, washer, nylon spacer and nylock nut.
- Tighten hardware.
- Attach spring latch onto existing rear step using 1/4" x 3/4" Stainless Carriage bolt and nylock nuts. *Some models do not contain prepunched hole for spring latch..*
- Mount rubber bumpers to existing step.
- Using outer pre-punched holes, attach rubber bumpers to existing step using #10 x 3/4" machine screw and nylock nuts. *Do not overtighten.*





CLOSED CONFIGURATION



DETAIL A  
SCALE 1 : 4

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