

INSTALLATION INSTRUCTIONS PT-A-902 FLIP DOWN REAR STEP OPTION

Must be used with Havis rear permanent steps PT-A-100 series (sold separately)

NOTE: The PT-A-902 flip step is not recommended on the Ford Transit or Dodge Promaster vans with optional backup warning system because the backup sensors in the OEM rear bumper will set off alarm when the flip step is in the stowed position. However the flip step can be used if the driver pushes the OEM deactivation switch every time the van is in reverse.

TOOLS REQUIRED:

Ratcheting wrench Standard socket set Open-end wrench set

PARTS and HARDWARE:

QTY	DESCRIPTION	PART #
1	Step platform	ST007215
2	Step hinge bracket	ST000373
4	Step support plate	ST000374
1	Spring Latch	ST000375
2	Rubber bumper	GSM21100
2	8/32 x 3/4" PPHMS	GSM33111
2	8/32 Nylock nut	GSM30091
2	# 8 Flat washer	GSM31002
11	1/4" Nylock nut	GSM30016
11	1/4" x 1/2" Carriage bolt	GSM32022
3	1/4" Flat washer	GSM31000
2	1/2" x 4" Hex head bolt	GSM33056
2	1/2" Nylock nut	GSM30020
4	1/2" Flat washer	GSM31009
4	1/2"ID x 1 1/2" OD Nylon flat washer	GSM31300

INSTALLATION:

1. Confirm receipt of all parts. (See attached breakdown)
2. See PT-A-1XX installation instructions for standard / fixed rear step. (rear step may already be installed)
3. Flip down step does not come pre-assembled because of standard rear step width variations.
4. Standard rear step includes (4) 1/2" x 3 1/2" hex head bolts, 1/2" nylock nuts and 1/2" flat washers. This hardware is also used for the flip down step support plates.
5. Review line drawing of flip down step assembly on page two.
6. Loosely attach flip down step support plates reusing 1/2" hardware removed from standard rear step.
7. Loosely attach step hinge brackets to support plates using (2) 1/2" x 4" Hex bolt, washer, nylon spacer and nylock nut. (One per side)
8. Attach step platform hinge brackets with 1/4" carriage bolts and nylock nuts.

NOTE: Main support rails may need to be adjusted down on frame mount brackets for flip step clearance.

9. Attach spring latch onto existing rear step using 1/4" x 3/4" Stainless Carriage bolt and nylock nuts. Spring latch can be mounted in the center or on passenger side for some applications.
10. Using outer pre-punched holes, attach rubber bumpers to existing step using #8 x 3/4" machine screw and nylock nuts.
11. Adjust parts as needed and tighten all hardware. Tighten hinge bolts to desired tension.

PT-A-902 parts breakdown

This drawing shows existing parts included with Standard PT-A-100 series rear step.

PT-A-100 step platform not shown for better hardware viewing.

1/2" x 3 1/2" Hex bolts, nuts and washers are included with PT-A-100 series steps. They are also used to attach the flip step support plates.

1/2" x 4" Hex head bolt, washers and nylock nuts.

Note:
Nylon flat washers go between support plates and hinge bracket

ST000374
Step support plate

NOTE: Main support rails may need to be adjusted down on frame mount brackets for flip step clearance.
Ford Transit requires support rails to be bolted to middle holes on frame mount brackets.

ST000373
Step hinge bracket

ST007215
Step platform



Ford Transit Van with step flipped up (stowed)



Ford Transit Van with step flipped down



Chevy Express Van with step flipped up (stowed)



Chevy Express Van with step flipped down



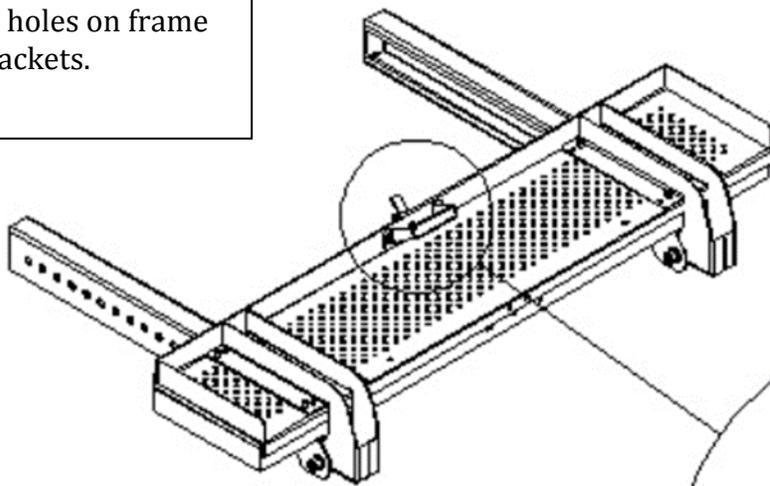
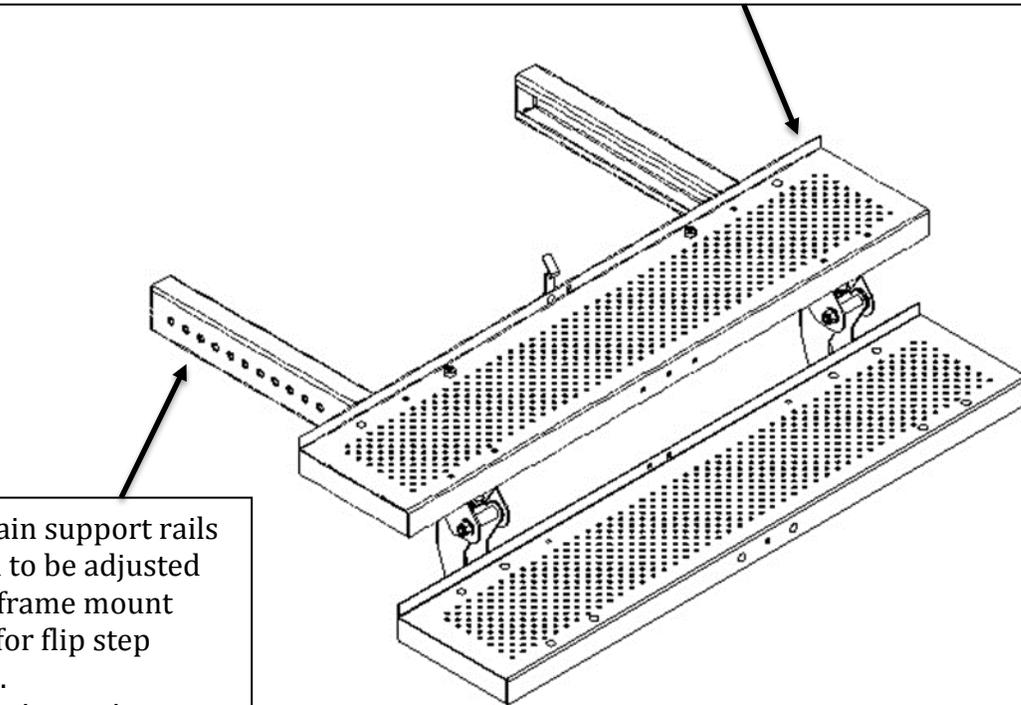
View of hinge hardware assembly



View of rubber bumper assembly (two per step)

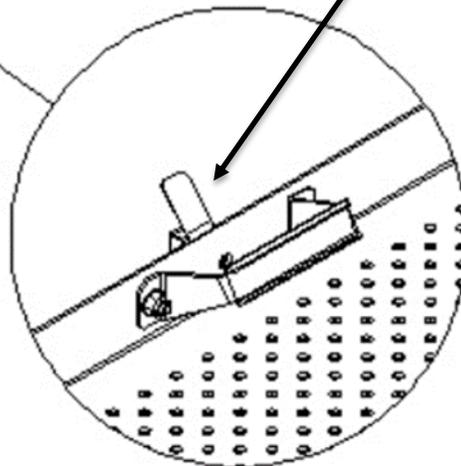
Note: In some step bumper applications, it is recommended to move the spring latch to the passenger side of the fixed step. This will minimize a possible tripping hazard for shackled individuals.

NOTE: Main support rails may need to be adjusted down on frame mount brackets for flip step clearance.
Ford Transit requires support rails to be bolted to middle holes on frame mount brackets.



CLOSED CONFIGURATION

Adjust spring latch to make sure flip step is retained. Bending spring latch reward slightly may be necessary.



DETAIL A
SCALE 1:4