


Title:	Impel/Velocity™ Step Replacement			
Number:	PB_560	Release Date:	2/11/2022	
Revision Number:	2	Revision Date:	4/13/23	
Chassis Type:	Impel/Velocity™			
Component Description:	Cab step options for discontinued step module Reference PSB0645 Impel/Velocity Power Steps			
Warranty:	Not Applicable			
Parts:	See Below			
Tools:	Not Applicable			

Subject:

Replacement step options for discontinued power steps on Impel/Velocity™ chassis.

Purpose/Background:

Required electrical component used to control the electrical steps has been discontinued by the manufacturer. 3 options are available.

Description/Procedure:

Option 1: Replace, Rewire, and Weatherproof Module

1. Order the following parts:
 - a. 4076068 MODULE,STEP ASSEMBLY 12AMP 8-18VDC
 - b. 64-2343 RELAY,SPDT 30A 12VDC,ENCAPSUL W/RESISTOR W/TAB
 - c. 64-2344 HARNESS,ENCAPSULATED RELAY
2. Request wiring diagram 66-8000-354S.
3. The replacement module is not a direct replacement.
 - a. New unit is not waterproof and is intended for indoor use. Module must be mounted and wired in a weather-tight location. Unit is 4.125”L x 2.375”W x 1.00”H (H is to top of terminals).
 - b. Operating temperature range is -40°C (-40°F) to +85°C (+185°F).
 - c. Module receives a positive signal rather than a negative, so wiring modifications will be required.

Option 2: Replace with Existing Fixed Option 0555486 Steps, 4-Door, Dual, Imp/Vel

1. Order four of the following bill of material:
 - a. 3542952 0855-CAB, DUAL STEP, LT (Standard step lighting)
2. Order one each of bill of material:
 - a. 1961803 0855-LOWER STEPS, FRT CAB
 - b. 1961969 0855-LOWER STEPS, RR CAB
3. Request reference 1961805 REF,LOWER STEPS,DUAL

NOTE: If job is a two or three door cab, please submit an NPN request on Pierceparts.com.

SERVICE BULLETIN #560.2



Option 2 Dual fixed steps

Option 3 Replace Power Cab Step System with Air Step System Option 0799676 Steps, 4-Door Cab, Automatic, Air, Imp/Vel

1. Order four of the following bill of materials:
 - a. 3449946 0855-LOWER STEP
2. Order one each of the following bill of materials:
 - a. 3449019 0855-CAB STEP ELECTRICAL
 - b. 2993459 0855-AIR SYSTEM, LOWER STEP
3. Request wiring diagram 66-0241-354A WIRING DIA,POWER CAB STEPS IVZ,AIR



Option 3 Air Steps Extended



Option 3 Air Steps Retracted

If any additional support is needed, please open a technical support incident on Pierceparts.com.