

FP-321 Series Fuel Primer



The FP-321 Series makes priming of a diesel engine fuel system, easier, faster, and safer than manually priming during routine filter changes. Pumps fuel into the lines, purging trapped air in the main feed line, primary filters, secondary filters, and engine.

Basic Features

- Marine (white) or commercial (gray) version
- 15 psi or 22 psi (other pressures are special order)
- Left-to-right flow or right-to-left flow
- 12V or 24V
- 9 ft power cable

Optional Features

- Fitting kits
- Ebox with momentary switch
- Pendant switch - connects to Ebox only

Technical Specifications

Flow Rate	1.5 GPM / 5.7 LPM	
Inlet / Outlet	-12 FORB	
Voltage	12V or 24V	
Self-priming	5 ft / 1.5m (wet gears)	
Fuse	10A / 12V, 5A / 24V if equipped with optional Ebox	
Max Amp Draw	8A / 12V, 4A / 24V	
Max Work Pressure	50 psi / 3.4 bar	
Max Ambient Temperature	140°F / 60°C	
Seal	Viton	
Gears	Bronze	
Shaft	Stainless Steel	
Rated	IP65	
Fuel Primer Dimensions	A	11.5" / 292 mm
	B	6" / 152 mm
	C	6" / 152 mm
	9.5 lbs / 4.3 kg	
Ebox with Momentary Switch Dimensions	A	6" / 152 mm
	B	7" / 178 mm
	C	3.5" / 89 mm
	3 lbs / 1.4 kg	



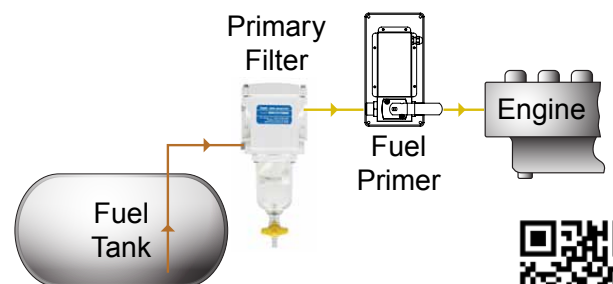
Marine version shown with basic features



Marine version shown with optional features:
Ebox, pendant switch, and fitting kit

Recommended Installation

Split fuel line and connect each end to the fuel primer ports. Install between the tank and the primary filter. Since one is recommended for each engine, Reverso offers versions in two flow directions for twin engine applications (left-to-right and right-to-left). For diesel generators, it is recommended to install the fuel primer before the primary filter, but can be located anywhere in the fuel system. The handle points with the direction of flow. Do not mount with the pump head above the motor.



[More Info Online](#)

Commercial Versions

Part #	Description	Voltage	Pressure
25-2965-01-03	FP-321-L-12-15 Left-to-right	12V	15psi
25-2965-01-04	FP-321-L-12-22 Left-to-right	12V	22psi
25-2965-01-09	FP-321-R-12-15 Right-to-left	12V	15psi
25-2965-01-10	FP-321-R-12-22 Right-to-left	12V	22psi
25-2965-02-03	FP-321-L-24-15 Left-to-right	24V	15psi
25-2965-02-04	FP-321-L-24-22 Left-to-right	24V	22psi
25-2965-02-09	FP-321-R-24-15 Right-to-left	24V	15psi
25-2965-02-10	FP-321-R-24-22 Right-to-left	24V	22psi

Marine Versions

Part #	Description	Voltage	Pressure
25-2966-01-03	FP-321-L-12-15 Left-to-right	12V	15psi
25-2966-01-04	FP-321-L-12-22 Left-to-right	12V	22psi
25-2966-01-09	FP-321-R-12-15 Right-to-left	12V	15psi
25-2966-01-10	FP-321-R-12-22 Right-to-left	12V	22psi
25-2966-02-03	FP-321-L-24-15 Left-to-right	24V	15psi
25-2966-02-04	FP-321-L-24-22 Left-to-right	24V	22psi
25-2966-02-09	FP-321-R-24-15 Right-to-left	24V	15psi
25-2966-02-10	FP-321-R-24-22 Right-to-left	24V	22psi

Commercial Ebox

Part #	Description	Voltage
25-2967-01-01	Ebox with momentary switch for Left-to-right	12V
25-2967-01-02	Ebox with momentary switch for Right-to-left	12V
25-2967-02-01	Ebox with momentary switch for Left-to-right	24V
25-2967-02-02	Ebox with momentary switch for Right-to-left	24V
25-2968	Pendant switch - connects to Ebox	

Marine Ebox

Part #	Description	Voltage
25-2967-01-03	Ebox with momentary switch for Left-to-right	12V
25-2967-01-04	Ebox with momentary switch for Right-to-left	12V
25-2967-02-03	Ebox with momentary switch for Left-to-right	24V
25-2967-02-04	Ebox with momentary switch for Right-to-left	24V
25-2968	Pendant switch - connects to Ebox	

Fitting Kits

Part #	Description	Contains
25-2969-01	Straight 1/2"	2 pcs of -12 MORB x -8 MJIC straight connectors
25-2969-02	Straight 5/8"	2 pcs of -12 MORB x -10 MJIC straight connectors
25-2969-03	Straight 3/4"	2 pcs of -12 MORB x -12 MJIC straight connectors
25-2969-04	Straight 1"	2 pcs of -12 MORB x -16 MJIC straight connectors
25-2970-01	Elbow 1/2"	2 pcs of -12 MORB x -8 MJIC 90 degree elbow connectors
25-2970-02	Elbow 5/8"	2 pcs of -12 MORB x -10 MJIC 90 degree elbow connectors
25-2970-03	Elbow 3/4"	2 pcs of -12 MORB x -12 MJIC 90 degree elbow connectors
25-2970-04	Elbow 1"	2 pcs of -12 MORB x -16 MJIC 90 degree elbow connectors
25-2971-01	Combo 1/2"	1 pc of -12 MORB x -8 MJIC straight connector 1 pc of -12 MORB x -8 MJIC 90 degree elbow connector
25-2971-02	Combo 5/8"	1 pc of -12 MORB x -10 MJIC straight connector 1 pc of -12 MORB x -10 MJIC 90 degree elbow connector
25-2971-03	Combo 3/4"	1 pc of -12 MORB x -12 MJIC straight connector 1 pc of -12 MORB x -12 MJIC 90 degree elbow connector
25-2971-04	Combo 1"	1 pc of -12 MORB x -16 MJIC straight connector 1 pc of -12 MORB x -16 MJIC 90 degree elbow connector

Version 6/3/15