

WELDON PUMP™

Piper Aircraft Pump Eligibilities



Weldon's Piper Aircraft eligible pumps are designed, built, and tested to meet the demands of the aircraft. Whether original to the application or as a replacement, the same attention to quality is delivered.

Weldon pumps are built to the highest AS9100 standards and offer the quality and safety you are looking for in a pump. We provide a two-year warranty on new pumps and a one-year warranty on factory overhauled pumps when used in the intended application.



SAI GLOBAL
AS9100
Aerospace

Weldon Pump Number B8001-G	OEM Number 33959-3
Airframe Eligibility Piper - PA23-235 Apache, PA-23-250 Aztec	
Usage Fuel Boost	Minimum Capacity 50 GPH (294 PPH) @ 14 PSI @ 14 VDC
Max Current Draw 6.0 Amps	Port Size -6
Max Full Relief Pressure (No flow) 26 to 30 PSI @ 14 VDC	Test Fluid Aviation Gasoline

Weldon Pump Number B8001-H	OEM Number 33959-2
Airframe Eligibility Piper - PA23-160 & PA23-235 Apache, PA-23-250 Aztec	
Usage Fuel Boost	Minimum Capacity 50 GPH (294 PPH) @ 14 PSI @ 28 VDC
Max Current Draw 3.0 Amps	Port Size -6
Max Full Relief Pressure (No flow) 26 to 30 PSI @ 28 VDC	Test Fluid Aviation Gasoline

Weldon Pump Number B8120-G	OEM Number 461-758
Airframe Eligibility Piper - PA-28R-201 Arrow	
Usage Fuel Boost	Minimum Capacity 45 GPH (265 PPH) @ 14 PSI @ 14 VDC
Max Current Draw 5.5 Amps	Port Size -6
Max Full Relief Pressure (No flow) 29 PSI @ 14 VDC	Test Fluid Aviation Gasoline

Weldon Pump Number 8120-G	OEM Number 481-760
Airframe Eligibility Piper - PA-28R-180 PA28R-200 PA-28R-201, PA-28R-201T PA-28RT-201, PA-28RT-201T Arrow & Turbo	
Usage Fuel Boost	Minimum Capacity 45 GPH (265 PPH) @ 14 PSI @ 14 VDC
Max Current Draw 5.5 Amps	Port Size -6
Max Full Relief Pressure (No flow) 29 PSI @ 14 VDC	Test Fluid Aviation Gasoline

WELDON

PUMP™

An Overview of Our Piper Pumps

Weldon Pump Number: C8100-J

Airframe Eligibility
Piper - PA-30, PA-39 Twin Comanche

OEM Number **Usage**
763-518 Fuel Boost

Minimum Capacity
35 GPH (205 PPH) @ 14 PSI @ 14 VDC

Max Full Relief Pressure (No flow)
26 PSI @ 14 VDC

Test Fluid **Max Current Draw**
Aviation Gasoline 5.0 Amps

Port Size
-6

Weldon Pump Number: A10014-D40

Airframe Eligibility
Piper - PA31, PA31-300, PA-31-350, PA31-325 CR (T-1020) Navajo

OEM Number **Usage**
42113-5 Fuel Boost

Minimum Capacity
60 GPH (352 PPH) @ 35 PSIG @ 28 VDC

Max Full Relief Pressure (No flow)
39-41 PSIG @ 28 VDC

Test Fluid **Max Current Draw**
Aviation Gasoline 3.5 Amps

Port Size
-8

Weldon Pump Number: A10014-D44

Airframe Eligibility
Piper - PA31, PA-31-325, PA-31-300 Navajo

OEM Number **Usage**
42113-6 Fuel Boost

Minimum Capacity
60 GPH (352 PPH) @ 32 PSIG @ 28 VDC

Max Full Relief Pressure (No flow)
43-45 PSIG @ 28 VDC

Test Fluid **Max Current Draw**
Aviation Gasoline 3.8 Amps

Port Size
-8

Weldon Pump Number: A10014-D

Airframe Eligibility
Piper - PA-31-350 Chieftain

OEM Number **Usage**
53050-2 Fuel Boost

Minimum Capacity
60 GPH (352 PPH) @ 42 PSIG @ 28 VDC

Max Full Relief Pressure (No flow)
46-48 PSIG @ 28 VDC

Test Fluid **Max Current Draw**
Aviation Gasoline 3.5 Amps

Port Size
-8

Weldon Pump Number: B10007-D

Airframe Eligibility
Piper PA-31-P Navajo

OEM Number **Usage**
48885-2 Fuel Boost

Minimum Capacity
78.5 GPH (461 PPH) @ 32 PSIG @ 28 VDC

Max Full Relief Pressure (No flow)
39-41 PSIG @ 28 VDC

Test Fluid **Max Current Draw**
Aviation Gasoline 4.0 Amps

Port Size
-8

Weldon Pump Number: 10080-D

Airframe Eligibility
Piper - PA-32R-301T Saratoga Serial #'s 3257001 & up

OEM Number **Usage**
461-750 Fuel Boost

Minimum Capacity
45 GPH (265 PPH) @ 47 PSIG @ 28 VDC

Max Full Relief Pressure (No flow)
61 PSIG @ 28 VDC

Test Fluid **Max Current Draw**
Aviation Gasoline 3.5 Amps

Port Size
-8

Weldon Pump Number: 10080-B

Airframe Eligibility
Piper - PA-32-301T PA-32R-301T PA-32RT-300T

OEM Number **Usage**
481-807 Fuel Boost

Minimum Capacity
45 GPH (265 PPH) @ 43 PSIG @ 14 VDC

Max Full Relief Pressure (No flow)
50 PSIG @ 14 VDC

Test Fluid **Max Current Draw**
Aviation Gasoline 3.5 Amps

Port Size
-8

Weldon Pump Number: 4049-A

Airframe Eligibility
Piper PA-42 1000 Cheyenne 400LS

OEM Number **Usage**
4049-A Prop Unfeathering

Minimum Capacity
35 GPH (205 PPH) @ 185 PSIG @ 27 VDC

Max Full Relief Pressure (No flow)
200 PSIG @ 27 VDC

Test Fluid **Max Current Draw**
MIL - L- 23699 7.5 Amps
(Duty Cycle - on
1 minute / off
3 minutes)

Port Size
-6

Weldon Pump Number: 18023-A

Airframe Eligibility
Piper - PA-24-250 Comanche (with IO-540-C1B5 only), PA 24-260 (with IO-540-D4A5 Only), PA-24-260 (with IO-540-N1A5 only)

OEM Number **Usage**
481-740 Fuel Boost

Minimum Capacity
50 GPH (294 PPH) @ 14 PSIG @ 14 VDC

Max Full Relief Pressure (No flow)
25 PSI @ 14 VDC

Test Fluid **Max Current Draw**
Aviation Gasoline 6.0 Amps

Port Size
-6