

WELDON

PUMP™

Mooney Aircraft Pump Eligibilities



Weldon's Mooney 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

8164-A

Airframe Eligibility

Mooney M20C, M20D, M20G

Usage

Fuel Boost

Minimum Capacity

25 GPH (147 PPH) @
5.0 PSIG @ 14 VDC

Max Current Draw

5.0 Amps

Port Size

-6

Max Full Relief Pressure (No flow)

6.5 PSIG @ 14 VDC

Test Fluid

Aviation Gasoline

Weldon Pump Number

A8163-A

Airframe Eligibility

Mooney M20J (SN 24-0001 thru 24-2999)

Usage

Fuel Boost

Minimum Capacity

35 GPH (205 PPH) @
21 PSIG @ 14 VDC

Max Current Draw

5.0 Amps

Port Size

-6

Max Full Relief Pressure (No flow)

28 PSIG @ 14 VDC

Test Fluid

Aviation Gasoline

Weldon Pump Number

A8163-B

Airframe Eligibility

Mooney M20J (SN 24-3000 and up)

Usage

Fuel Boost

Minimum Capacity

35 GPH (205 PPH) @
21 PSIG @ 24 VDC

Max Current Draw

2.5 Amps

Port Size

-6

Max Full Relief Pressure (No flow)

25 PSIG @ 24 VDC

Test Fluid

Aviation Gasoline

Weldon Pump Number

A8152-B

Airframe Eligibility

Mooney M20R, M20S

Usage

Fuel Boost

Minimum Capacity

18.5 GPH (109 PPH) @
15 PSIG @ 24 VDC

Max Current Draw

2.5 Amps

Port Size

-6

Max Full Relief Pressure (No flow)

17 PSIG @ 24 VDC

Test Fluid

Aviation Gasoline

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An Overview of Our Mooney Pumps

Weldon Pump Number: 18020-A

Airframe Eligibility

PMooney M20E, M20F, & M20J S/N thru 24-2999

OEM Number
610153-501

Usage
Fuel Boost

Minimum Capacity

35 GPH (205 PPH) @ 21 PSIG @ 14 VDC

Max Full Relief Pressure (No flow)

25 PSIG @ 14 VDC

Test Fluid

Aviation Gasoline

Max Current Draw

6.0 Amps

Port Size

-6

Weldon Pump Number: 18020-A

Airframe Eligibility

Mooney M20J S/N thru 24-2999,
M20K S/N thru 25-0999

Replaces
4140-00-19A

Usage
Fuel Boost

Minimum Capacity

35 GPH (205 PPH) @ 21 PSIG @ 14 VDC

Max Full Relief Pressure (No flow)

25 PSIG @ 14 VDC

Test Fluid

Aviation Gasoline

Max Current Draw

6.0 Amps

Port Size

-6

Weldon Pump Number: 10054-A

Airframe Eligibility

Mooney M20K Serial #25-001 to 25-0999

OEM Number

Usage
Fuel Boost

Minimum Capacity

35 GPH (205 PPH) @ 21 PSIG @ 14 VDC

Max Full Relief Pressure (No flow)

25 PSIG @ 14 VDC

Test Fluid

Aviation Gasoline

Max Current Draw

5.75 Amps

Port Size

-8

Weldon Pump Number: 10054-B

Airframe Eligibility

Mooney M20K Serial #25-1000 & up

OEM Number

Usage
Fuel Boost

Minimum Capacity

35 GPH (205 PPH) @ 21 PSIG @ 28 VDC

Max Full Relief Pressure (No flow)

25 PSIG @ 28 VDC

Test Fluid

Aviation Gasoline

Max Current Draw

5.75 Amps

Port Size

-8

Weldon Pump Number: A10051-D

Airframe Eligibility

Mooney M20M

OEM Number

Usage
Fuel Boost

Minimum Capacity

37.5 GPH (220 PPH) @ 45 PSIG @ 27 VDC

Max Full Relief Pressure (No flow)

50 PSIG @ 27 VDC

Test Fluid

Aviation Gasoline

Max Current Draw

3.2 Amps

Port Size

-8

Weldon Pump Number: 18024-A

Airframe Eligibility

Mooney M20C, M20D, M20G

Replaces

4140-00-21A

Usage

Fuel Boost

Minimum Capacity

25 GPH @ 5 PSIG @ 14 VDC

Max Full Relief Pressure (No flow)

6.5 PSIG @ 14 VDC

Test Fluid

Aviation Gasoline

Max Current Draw

5 Amps

Port Size

-6