Airless Sprayer Gauge Kits

Part No. 236–790, Series A
For Sprayers without a Fluid Filter

Part No. 236–791, Series A
For Sprayers with a Fluid Filter

These instructions are a supplement to the following airless sprayer manuals. Refer to the applicable sprayer manual for important warnings and operating instructions.

Sprayer Model	Part No.	Manual No.	Kit No. to use
PT–2500	218–730sp	307–738	236–790
390st	231-204sp	308–222	236–790 w/filter; 236–791 w/o filter
490st	231–306sp	308–298	236–791
Ultra 500	231–079sp	307–889	236–791
Ultra 750	231–332sp	308–365	236–791
Ultra 1000	231–082sp	307–926	236–791
Ultra 1500 Mark V	236–400/401sp	308–263	236–791
EM–5000	222–246sp	307–913	236–791
GM–3500	231–057sp	307–863	236–791
GM–5000	231–052sp	307–847	236–791
Linelazer LD	231–205sp	308–203	236–791
Linelazer 3500	231–132sp	308–082	236–791
Linelazer 5000	231–133/141sp	308–105	236–791
GH–533	231–533sp	307–615	236–791
GH–733	231–733sp	307–616	236–791

Benefits of a Gauge

A gauge is a helpful tool for the painter to determine sprayer performance. Because paints atomize at different pressures, a gauge can help determine the minimum pressure necessary to atomize different paints or coatings. Spraying at the lowest pressure necessary to atomize the paint helps reduce wear of the spray tip and pump.

As tips wear, the increased flow of paint may exceed the pump's ability to keep up. As a result, the pressure will drop below the point of proper atomization.
A gauge enables the painter to see if a poor spray pattern is a result of low pressure.

NOTE: Refer to the back of this sheet for kit installation procedures, parts lists, and maintenance.

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Installation/Parts

Kit 236–790
(for sprayers without fluid filters)

1. Follow the **Pressure Relief Procedure** in your separate sprayer manual.
2. The kit is shipped assembled. Parts are shown exploded in Fig. 1 for clarity. Pipe sealant is not necessary.
3. Screw the swivel (3) onto the outlet of the pump.
4. Connect the fluid hose to the nipple (4).

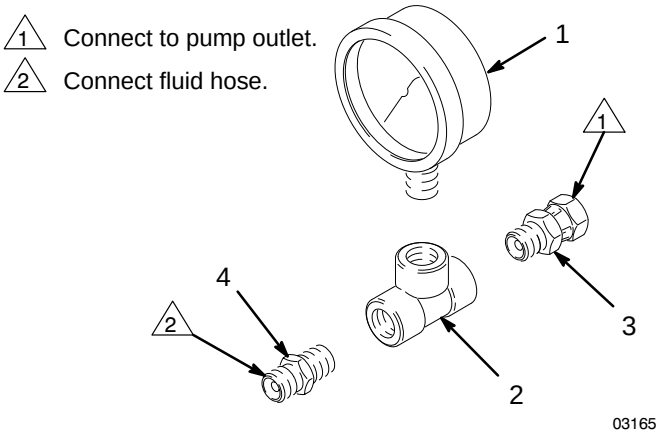

Fig. 1

Ref. No.	Part No.	Description	Qty.
1	102–814	GAUGE, fluid pressure	1
2	104–984	TEE, pipe	1
3	156–823	SWIVEL	1
4	162–453	NIPPLE, pipe	1

Kit 236–791
(for sprayers with fluid filters)

1. Follow the **Pressure Relief Procedure** in your separate sprayer manual.
2. Remove the pipe nipple (A) from the outlet of the fluid filter (B). See Fig. 2.
3. The gauge (1) is shipped assembled to the tee (2), but is shown exploded for clarity. Apply pipe sealant (3) to the male threads of the tee (2).
4. Install the tee and gauge assembly in the filter (B).
5. Apply pipe sealant (3) to the long end of the nipple (A) and screw the nipple into the tee (2).
6. Connect the fluid hose to the nipple (A).

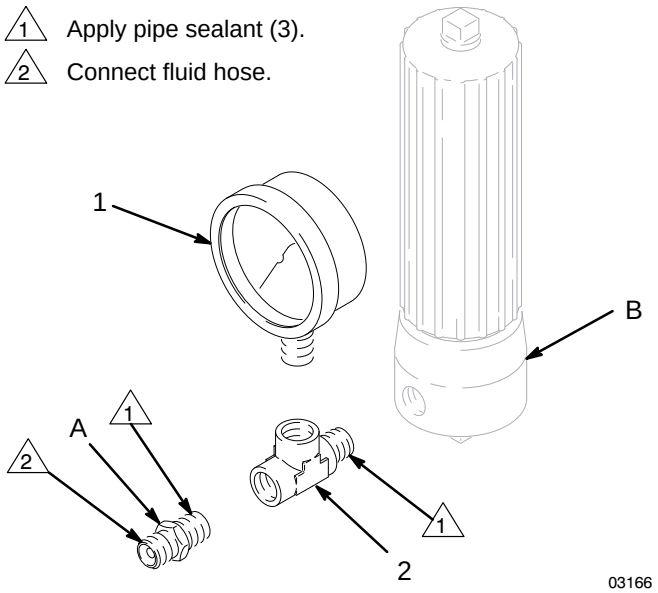

Fig. 2

Ref. No.	Part No.	Description	Qty.
1	102–814	GAUGE, fluid pressure	1
2	106–228	TEE, pipe	1
3	110–110	SEALANT, pipe	1

Maintenance

To ensure an accurate reading, treat the gauge with care. Any significant blow may affect its accuracy. If in doubt, check it against a new or known good gauge.

The gauge cannot be serviced; if damaged it must be replaced. Clean the glass face regularly. If the glass breaks, replace the gauge.

The gauge contains fluid which is necessary to absorb rapid pressure fluctuations. If the fluid leaks out, replace the gauge.

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