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.

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<td>PT–2500</td>
<td>218–730sp</td>
<td>307–738</td>
<td>236–790</td>
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<td>390st</td>
<td>231–204sp</td>
<td>308–222</td>
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<td>Ultra 1000</td>
<td>231–082sp</td>
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<td>Ultra 1500 Mark V</td>
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<td>GM–3500</td>
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<td>Linelazer LD</td>
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<td>GH–733</td>
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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.
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).

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Fig. 1

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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).

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Fig. 2

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Ref. No. | Part No. | Description          | Qty.
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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.