



Product Bulletin

Check Valve Diaphragm Update Product Revision

Bulletin Date: July 3, 2018
Bulletin Reference: 180703-01

Makers of World Class Spraying Components

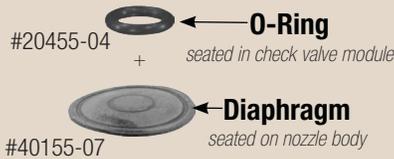
Diaphragm Check Valve Update

This bulletin illustrates the new molded diaphragm rubber seal with molded in pressure pad retainer. This change integrates the pressure pad o-ring and rubber diaphragm into a single molded seal.

Effected Parts: Combo-Jet Nozzle Bodies, Combo-Rate Nozzle Bodies, O-Ring Seal Check Valve Bodies

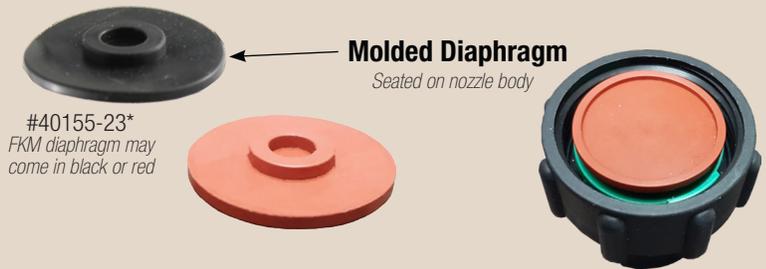
[Old Style] Two-piece O-ring & Rubber Diaphragm

O-ring seated in check valve module, with separate rubber diaphragm seated on nozzle body



[New Style] Molded Diaphragm w/ O-ring seat

One piece diaphragm is self-seating in check valve o-ring groove



Retro-Fitting & Replacement

It is a simple process to switch an older check valve seal to the one-piece molded diaphragm.

Remove the 20455-04 pressure pad o-ring from the assembly, and replace it with the one-piece seal #40155-23 (pressure pad + diaphragm seal). **Ensure the flat rubber diaphragm (#40155-07) is not used.**

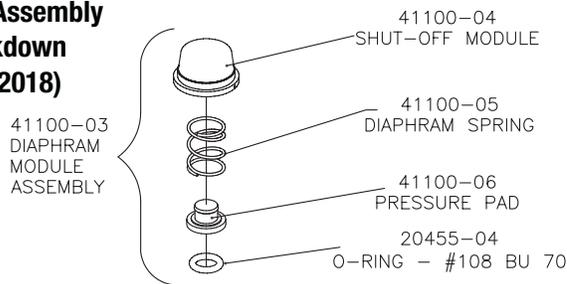
Remove pressure pad o-ring from check valve assembly



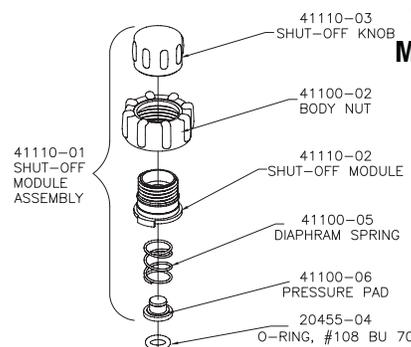
Insert molded diaphragm seal into pressure pad slot, ensuring proper orientation.



Old Diaphragm Module Assembly Breakdown (pre-2018)



Old Diaphragm Module Assembly Breakdown



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