GAMMON

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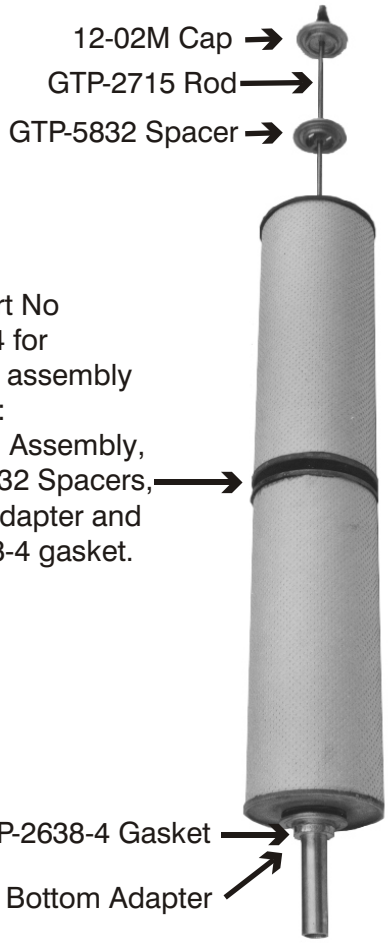
HARDWARE FOR CLAY ELEMENTS

BULLETIN 81 (9-02)

HARDWARE FOR CLAY ELEMENTS

CANISTER ELEMENTS IN FRAM/FACET VESSELS

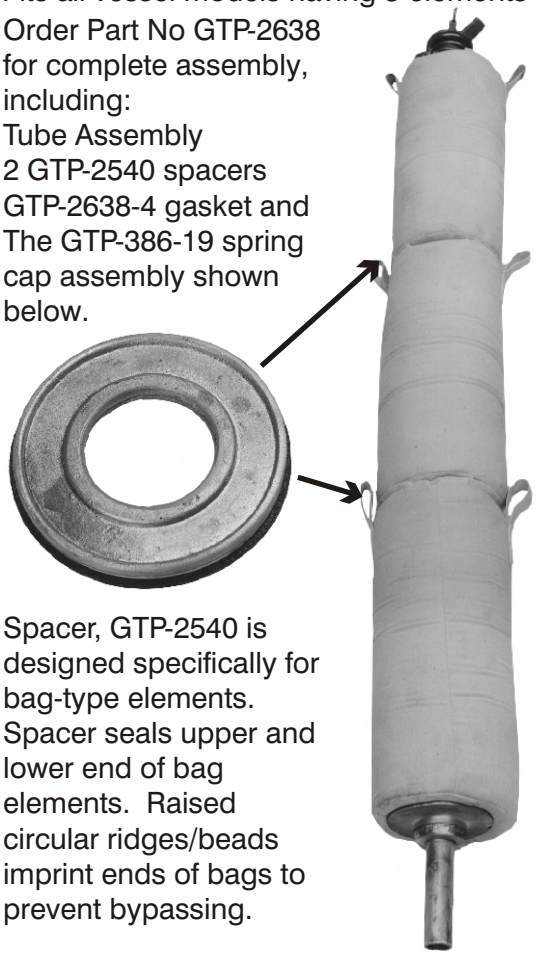


Order Part No GTP-2714 for complete assembly including: Cap, Rod Assembly, 2 GTP-5832 Spacers, Bottom Adapter and GTP-2638-4 gasket.

BAG ELEMENTS IN FRAM/FACET VESSELS

Fits all vessel models having 3 elements

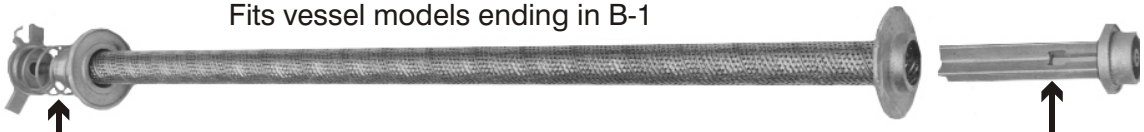
Order Part No GTP-2638 for complete assembly, including:
Tube Assembly
2 GTP-2540 spacers
GTP-2638-4 gasket and
The GTP-386-19 spring cap assembly shown below.



Spacer, GTP-2540 is designed specifically for bag-type elements. Spacer seals upper and lower end of bag elements. Raised circular ridges/beads imprint ends of bags to prevent bypassing.

BAG ELEMENTS IN VELCON VESSELS

Fits vessel models ending in B-1



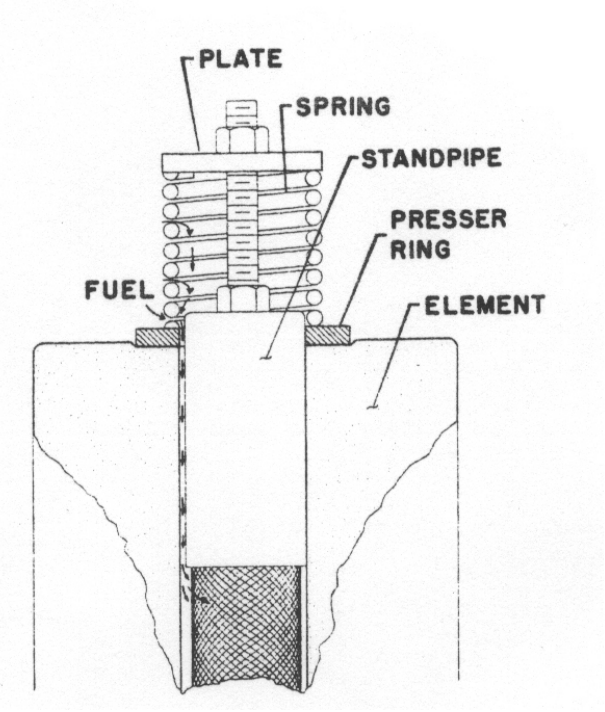
GTP-386-19 Spring Cap Assembly
Accommodates up to 3 inches of clay settling.

GTP-387 Mounting Bar
100% aluminum and stainless steel construction.
Sliding o-ring assures seal at cap end.

Order Part No GTP-386-21 for complete assembly, including: Spring Cap, Tube Assembly, Mounting Bar,(with GTP-938 Quad ring and GTP-386-1 bottom seal) and 2 GTP-2540 bag spacers shown at top right.

REPLACEMENT HARDWARE
To overcome bypassing in existing element holder assemblies

There is a direct bypass flow-path in all clay vessels that use spring/ring assemblies shown in the diagram at the right. Note that the presser ring that pushes down on the top element, forced by the spring, has a hole that is larger (0.110") than the standpipe. This means that fuel can travel downward through this clearance without ever having gone through the clay. See the arrows indicating flow in the diagram.



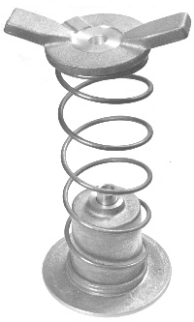
This problem is less severe if you are using fabric core elements. It is more of a problem with canisters or bags with plastic web-type web-type center-tubes.

There are numerous bypass flow-paths through creases in the end of bag type elements. A strange phenomenon of bags is the fact that it is nearly impossible to prevent spoke like creases as shown in the photo. Bypass blow paths are prevalent.

GTP-2557
Bottom Seal Assembly is placed under the lower element. Includes a GTP-2557-1 gasket and one of the GTP-2540 bag spacers.

GTP-2540
Bag Spacer minimizes this problem because the raised rib or bead "imprints" the top of the lower element and bottom of upper element. The impression cuts across the spoke-like creases.

GTP-392A
Top Cap replaces the entire assembly when using canister elements in Fram/Facet vessels.



GTP-2555
Spring Cap Assembly overcomes above problem when using bag-type elements in Fram/Facet vessels.

GTP-2461
Canister Spacer improves end sealing of canister elements when used in vessels that were originally made for bag-type elements. Our canister spacer has a unique ridge and spoke design to prevent bypassing when elements are not properly centered, end-to-end.