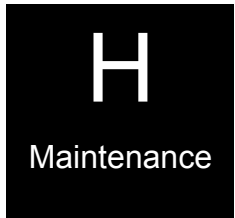


# PumpRight Valves & Diaphragms



All PumpRight models use the same diaphragm and valve parts.

## Diaphragm Pump Service Kit

### Item Number 291-02-100500

1 Kit contains 1 diaphragm and 2 valves to service a single pumping diaphragm. Order multiple kits to service all the diaphragms in your pump per chart at right.

Qty in Kit	Part Number (all begin 291-02-9910-xxxxxx)	Description
1	550085	Diaphragm (Desmopan)
2	320030	O-Ring
2	759051	Valve Assembly

	Number of Diaphragms
D70	2
D115	3
D160	4
D250	6

### Diaphragm & Valve Service Steps:

1. Drain oil from pump. Rotate pump shaft to remove all oil.
2. Remove pump manifold(s) using a 17mm or 13 mm wrench.
3. Remove and replace complete valve assembly.
4. Remove the pump head.
5. Remove the diaphragm bolt, support washer and diaphragm. Turn the pump shaft to up stroke to replace diaphragm.
6. Install new diaphragm, then replace washer and bolt.
7. Turn pump to downstroke to seat new diaphragm into the sleeve groove.
8. Replace pump head and manifold(s).
9. Refill crankcase with SAE30 non detergent oil (PumpRight Oil or hydraulic jack oil).

### Other Service Parts

Part Number (all begin 291-02-9910-xxxxxx)	Description
550080	Diaphragm (Buna, Optional)
550190	Accumulator Diaphragm

