



# Merkur<sup>®</sup> Seal Repair Kits

407053B

For High Pressure Merkur X72 Displacement Pump 16U916

EN



**Important Safety Instructions**  
Read all warnings and instructions in manuals Merkur High Pressure Sprayer and Displacement Pump manuals. Save all instructions.

1 Lubricate.

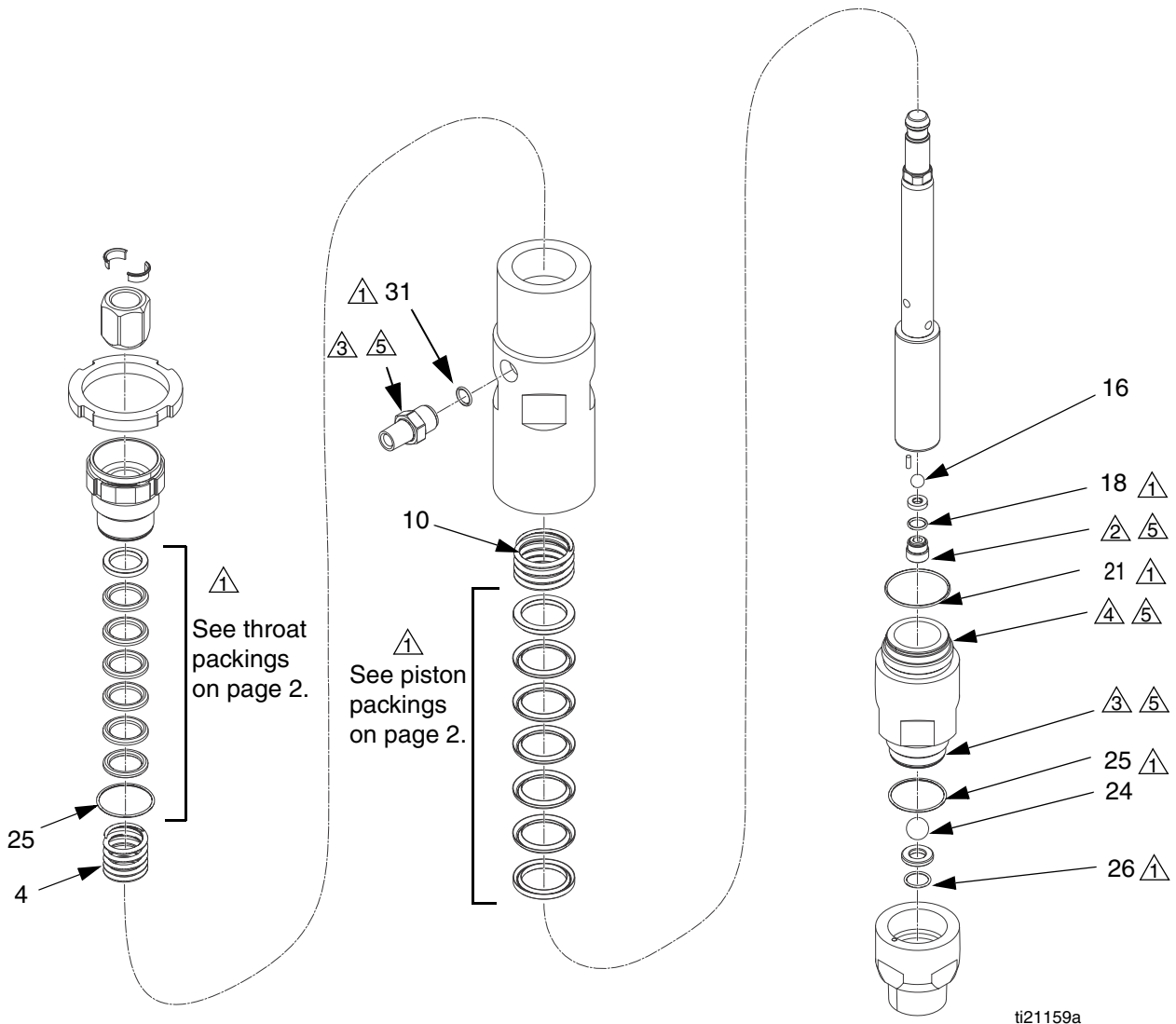
2 Torque to 54-66 ft-lb (73-89 N•m)

3 Torque to 54-66 ft-lb (73-89 N•m)

4 Torque to 90.5-109.5 ft-lb (123-149 N•m)

5 Apply thread lubricant.

See reverse for parts.

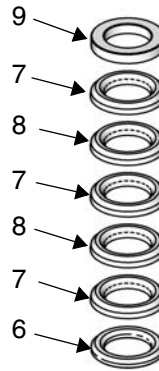


Ref.	Description	Qty.
4	SPRING, throat	1
6	GLAND, male, throat	1
7	PACKING, throat, UHMWPE	3
8	PACKING, throat, PTFE	2
9	GLAND, female, throat	1
10	SPRING, piston	1
11	GLAND, male, piston	1
12	PACKING, piston, UHMWPE	3
13	PACKING, piston, PTFE	2
14	GLAND, female, piston	1
16	BALL, piston valve, sst	1
18	O-RING, piston, 0.57 in. (14.4 mm) OD	1
19	PACKING, throat, reinforced PTFE	5
20	PACKING, piston, reinforced PTFE	5
21	O-RING, lower cylinder, 1.8 in. (46 mm) OD	1
24	BALL, intake valve, sst	1
25	O-RING, lower cylinder, 1.6 in. (41 mm) OD	2
26	O-RING, inlet check, 0.75 in. (19 mm) OD	1
31	O-RING, outlet fitting, 0.59 in. (14.9 mm) OD	1

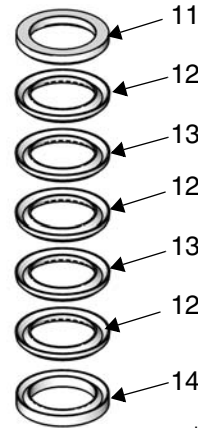
**TIP:** Some o-rings are close in size. Stack on bench to differentiate.

## Standard Seal Repair Kit 24A252

### Throat Packings: Lips Face Down



### Piston Packings: Lips Face Up



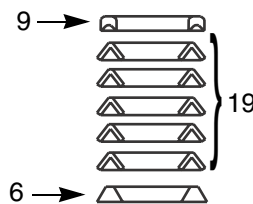
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**Lubricate Packings**

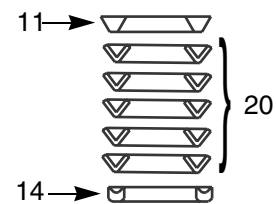
## Optional Reinforced PTFE Seal Kit 24J853

Use with materials that cause chemical compatibility concerns with UHMWPE, such as acid catalyst materials.

### Throat Packings: Lips Face Down



### Piston Packings: Lips Face Up



**Lubricate Packings**

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For patent information, see [www.graco.com/patents](http://www.graco.com/patents).

Original instructions. This manual contains English. MM 407053

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