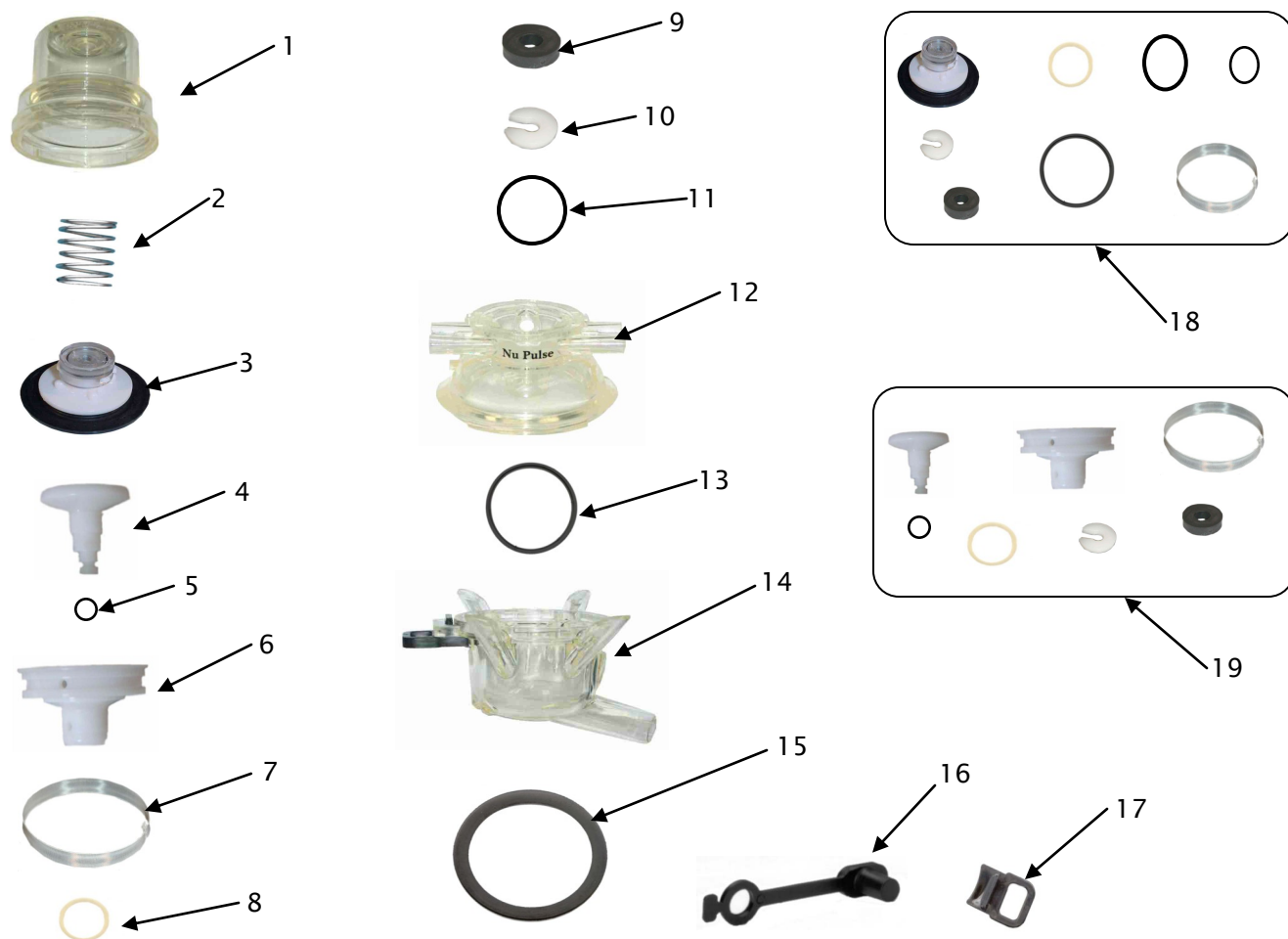




Original Standard Claws

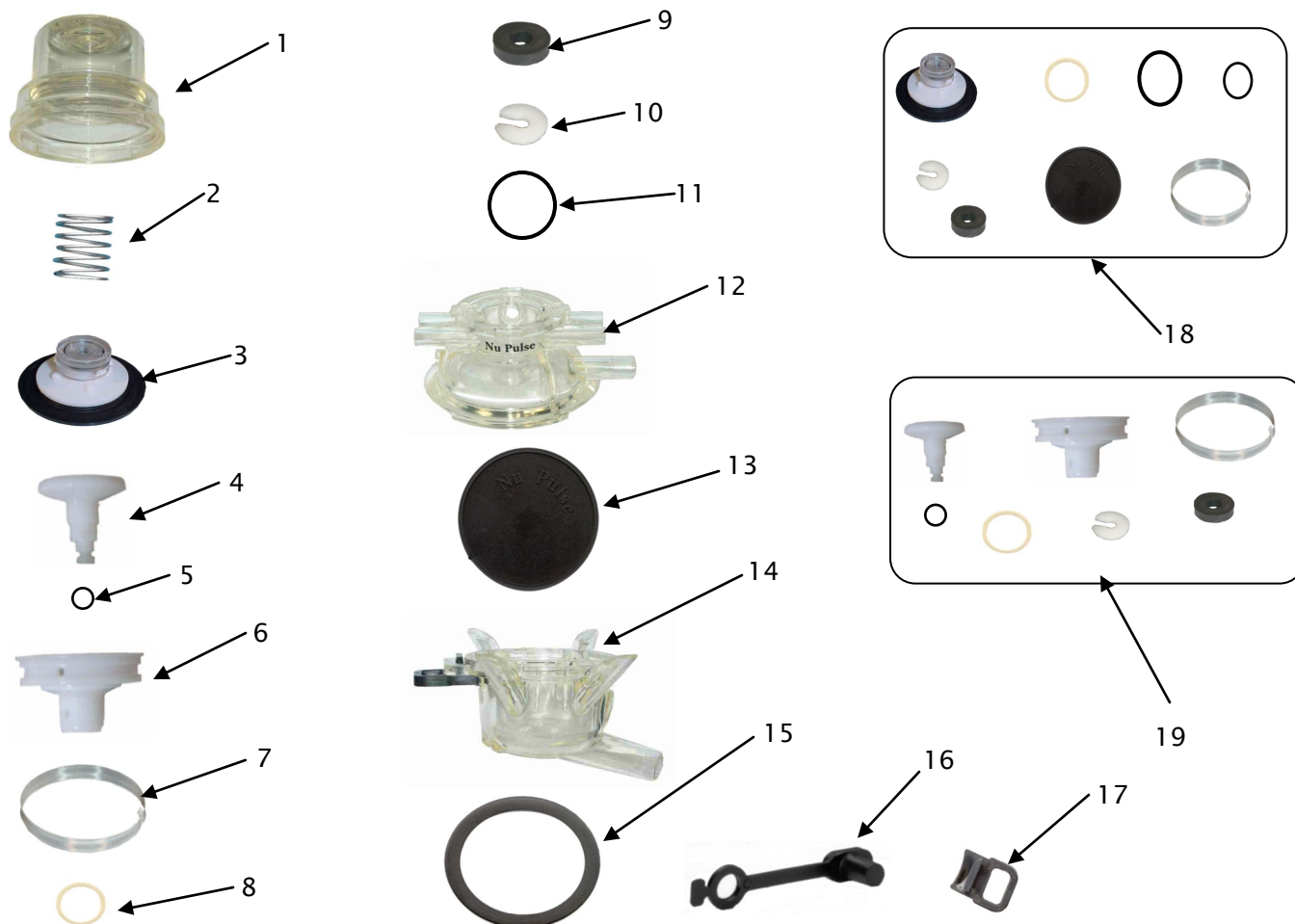


NO.	PART	DESCRIPTION
1	MZ10006NP	Dome
2	MZ10007NP	Pulsator Spring
3	MZ10005NP	Diaphragm Complete
4	MZ10022NP	Bobbin Only
5	MZ10009NP	Bobbin 'O' Ring
6	MZ10010NP	Bobbin Housing
7	MZ10028NP	Air Filter
8	MZ10015NP	Bobbin Housing Seal
9	MZ10011NP	Bobbin Valve

NO.	PART	DESCRIPTION
10	MZ10012NP	Bobbin Clip
11	MZ10014NP	Middle 'O' Ring
12	MZ10016NP	Standard Middle (One Line)
13	MZ10017NP	Base 'O' Ring for One Line
14	MZ10013NP	Standard Super Bowl
15	MZ10030NP	Claw Protector Seal
16	MZ10002NP	Wash Plug with Strap
17	MZ10031NP	Claw Hook
18	10019NP	Standard Repair Kit
19	10008NP	Bobbin Complete



Original MLX Claws



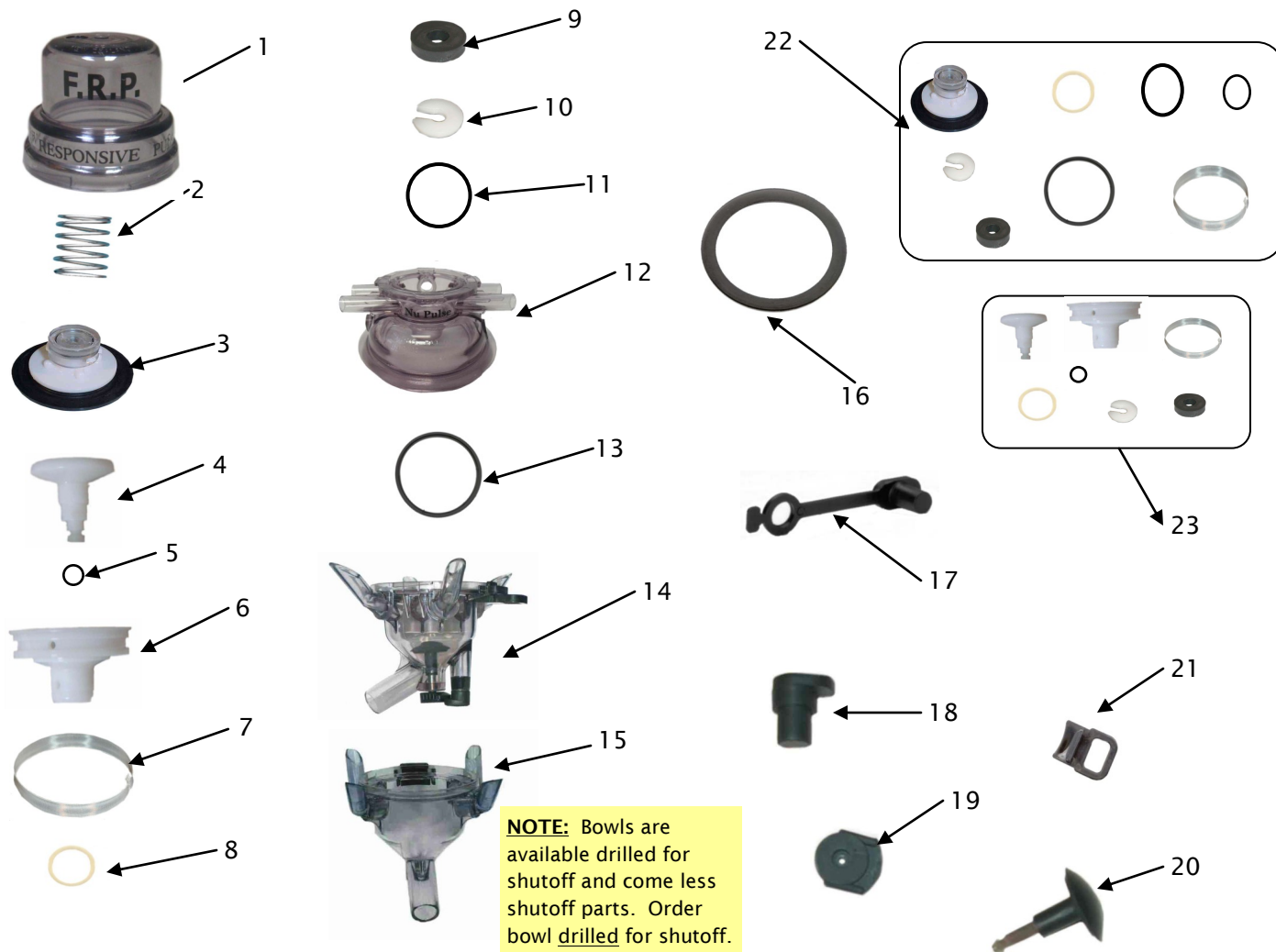
NO.	PART	DESCRIPTION
1	MZ10006NP	Dome
2	MZ10007NP	Pulsator Spring
3	MZ10005NP	Diaphragm Complete
4	MZ10022NP	Bobbin Only
5	MZ10009NP	Bobbin 'O' Ring
6	MZ10010NP	Bobbin Housing
7	MZ10028NP	Air Filter
8	MZ10015NP	Bobbin Housing Seal
9	MZ10011NP	Bobbin Valve

Note: Countersunk air hole .43", #57 drill bit

NO.	PART	DESCRIPTION
10	MZ10012NP	Bobbin Clip
11	MZ10014NP	Middle 'O' Ring
12	MZ10068NP	MLX Middle Claw
13	MZ10069NP	MLX Middle Diaphragm
14	MZ10070NP	MLX Super Bowl
15	MZ10030NP	Claw Protector Seal
16	MZ10002NP	Wash Plug with Strap
17	MZ10031NP	Claw Hook
18	10107NP	MLX Repair Kit
19	10008NP	Bobbin Complete



FulFlo Standard Claws



NO	PART	DESCRIPTION
1	MZ12001NP	FulFlo Dome
2	MZ10007NP	Pulsator Spring
3	MZ10005NP	Diaphragm Complete
4	MZ10022NP	Bobbin Only
5	MZ10009NP	Bobbin "O" Ring
6	MZ10010NP	Bobbin Housing
7	MZ10028NP	Air Filter
8	MZ10015NP	Bobbin Housing Seal
9	MZ10011NP	Bobbin Valve
10	MZ10012NP	Bobbin Clip
11	MZ10014NP	Middle "O" Ring
12	MZ12005NP	FulFlo Standard Middle
13	MZ10017NP	Base "O" Ring

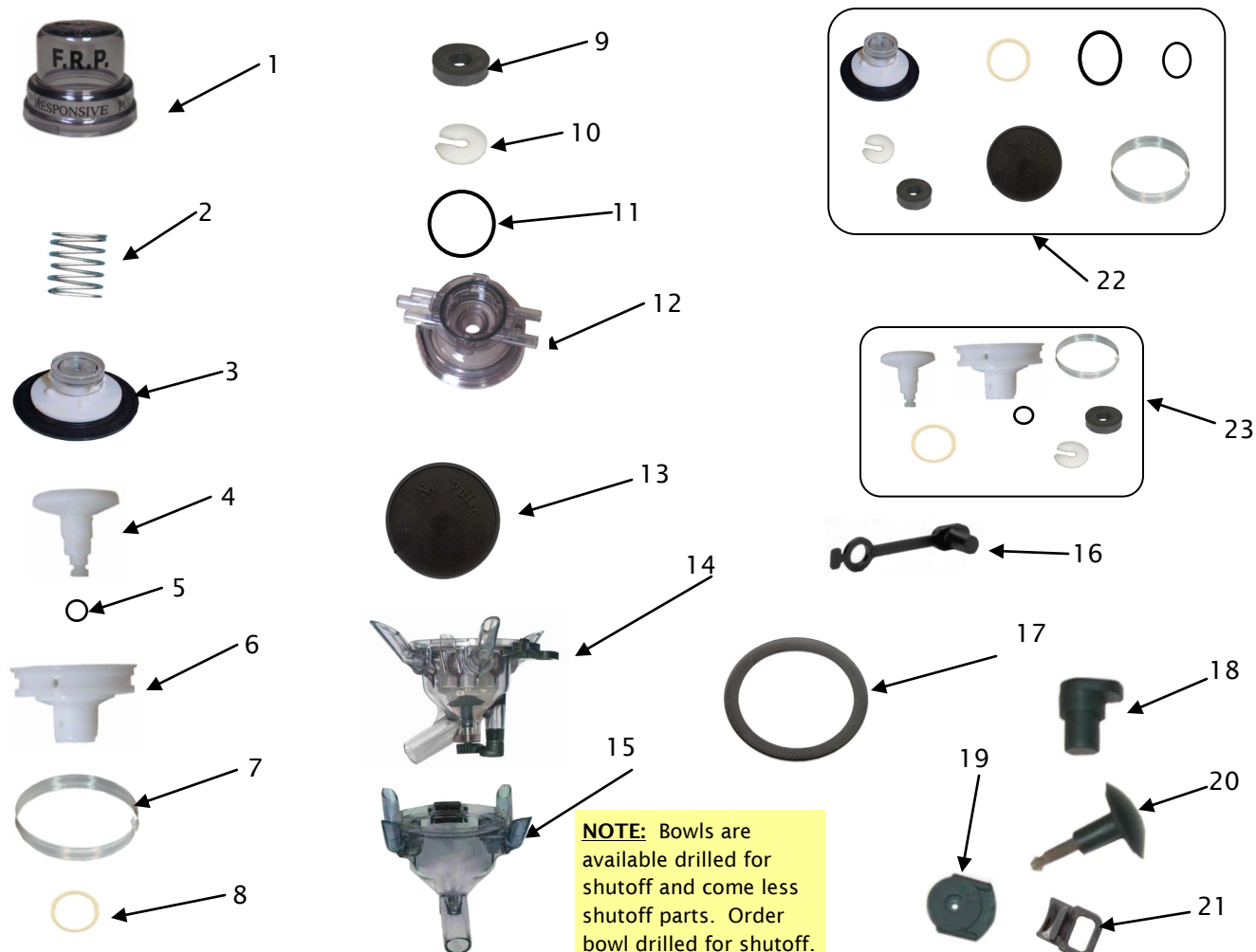
NO	PART	DESCRIPTION
14	MZ12010NP	FulFlo Standard Bowl
	MZ12110NP	FulFlo Standard Bowl with ShutOff
15	MZ12210NP	FulFlo Parallel Standard Bowl
	MZ12310NP	FulFlo Parallel Bowl with ShutOff
16	MZ10030NP	Claw Protector Seal
17	MZ10002NP	Wash Plug
18	MZ12015NP	Rubber Foot for ShutOff
19	MZ12017NP	ShutOff Button
20	MZ12016NP	ShutOff Valve
21	MZ10031NP	Claw Hook
22	10019NP	Standard Repair Kit
23	10008NP	Bobbin Complete

Note: Hole size for Shut-off Parts - 17/64".

Note: Hole size for Shut-off Parts - 17/64".



FulFlo MLX Claws



NO	PART	DESCRIPTION
1	MZ12001NP	FulFlo Dome
2	MZ10007NP	Pulsator Spring
3	MZ10005NP	Diaphragm Complete
4	MZ10022NP	Bobbin Only
5	MZ10009NP	Bobbin "O" Ring
6	MZ10010NP	Bobbin Housing
7	MZ10028NP	Air Filter
8	MZ10015NP	Bobbin Housing Seal
9	MZ10011NP	Bobbin Valve
10	MZ10012NP	Bobbin Clip
11	MZ10014NP	Middle "O" Ring
12	MZ12405NP	FulFlo MLX Middle
13	MZ10069NP	MLX Diaphragm

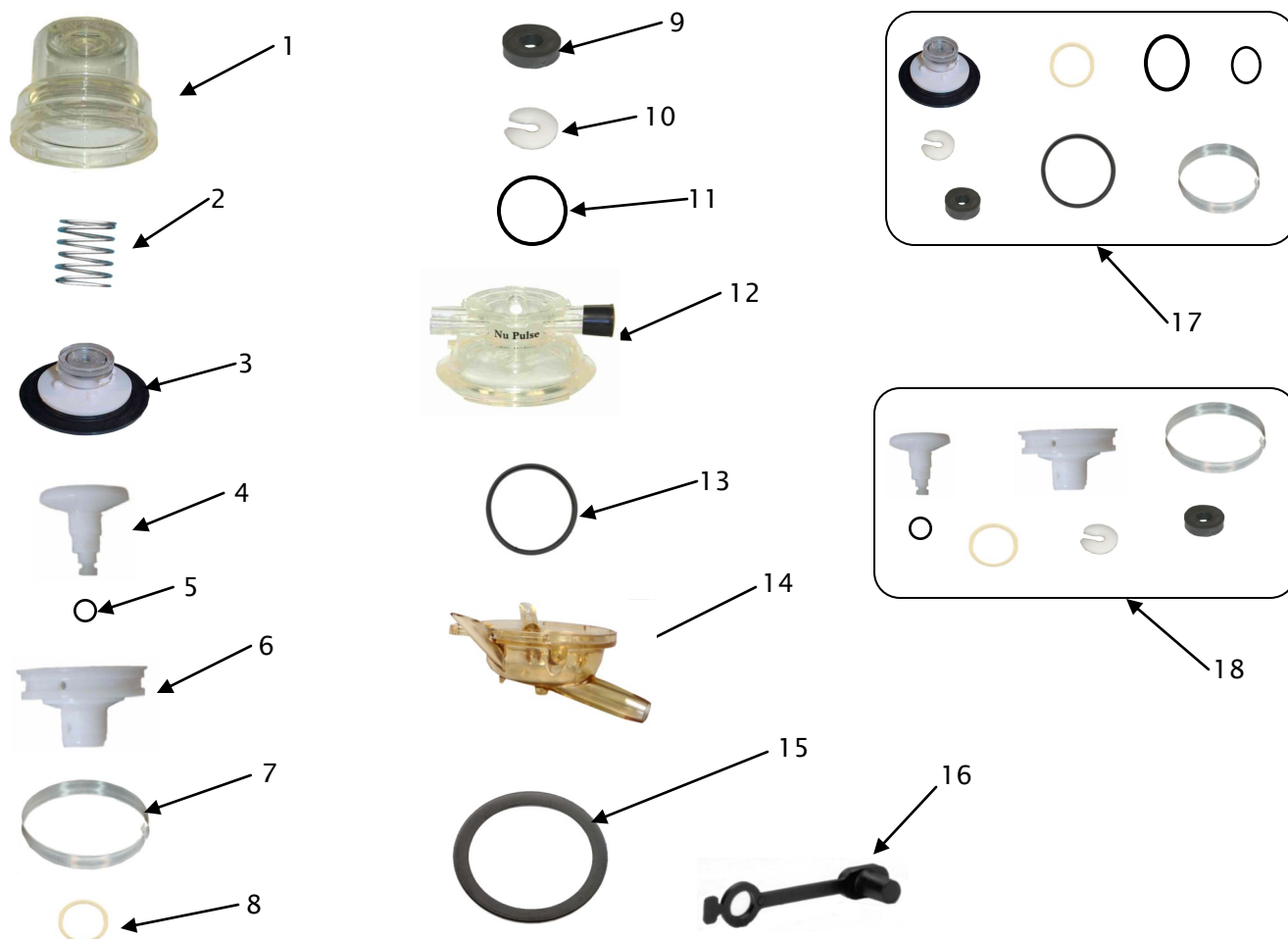
Note: Countersunk air hole .43", #57 drill bit

NO	PART	DESCRIPTION
14	MZ12410NP	FulFlo MLX Bowl
	MZ12510NP	FulFlo MLX Bowl with ShutOff
15	MZ12610NP	FulFlo Parallel MLX Bowl
	MZ12710NP	FulFlo Parallel Bowl with ShutOff
16	MZ10002NP	Wash Plug
17	MZ10030NP	Claw Protector Seal
18	MZ12015NP	Rubber Foot for ShutOff
19	MZ12017NP	ShutOff Button
20	MZ12016NP	ShutOff Valve
21	MZ10031NP	Claw Hook
22	10107NP	Standard Repair Kit
23	10008NP	Bobbin Complete

Note: Hole size for Shut-off Parts - 17/64".



Standard Goat Claw

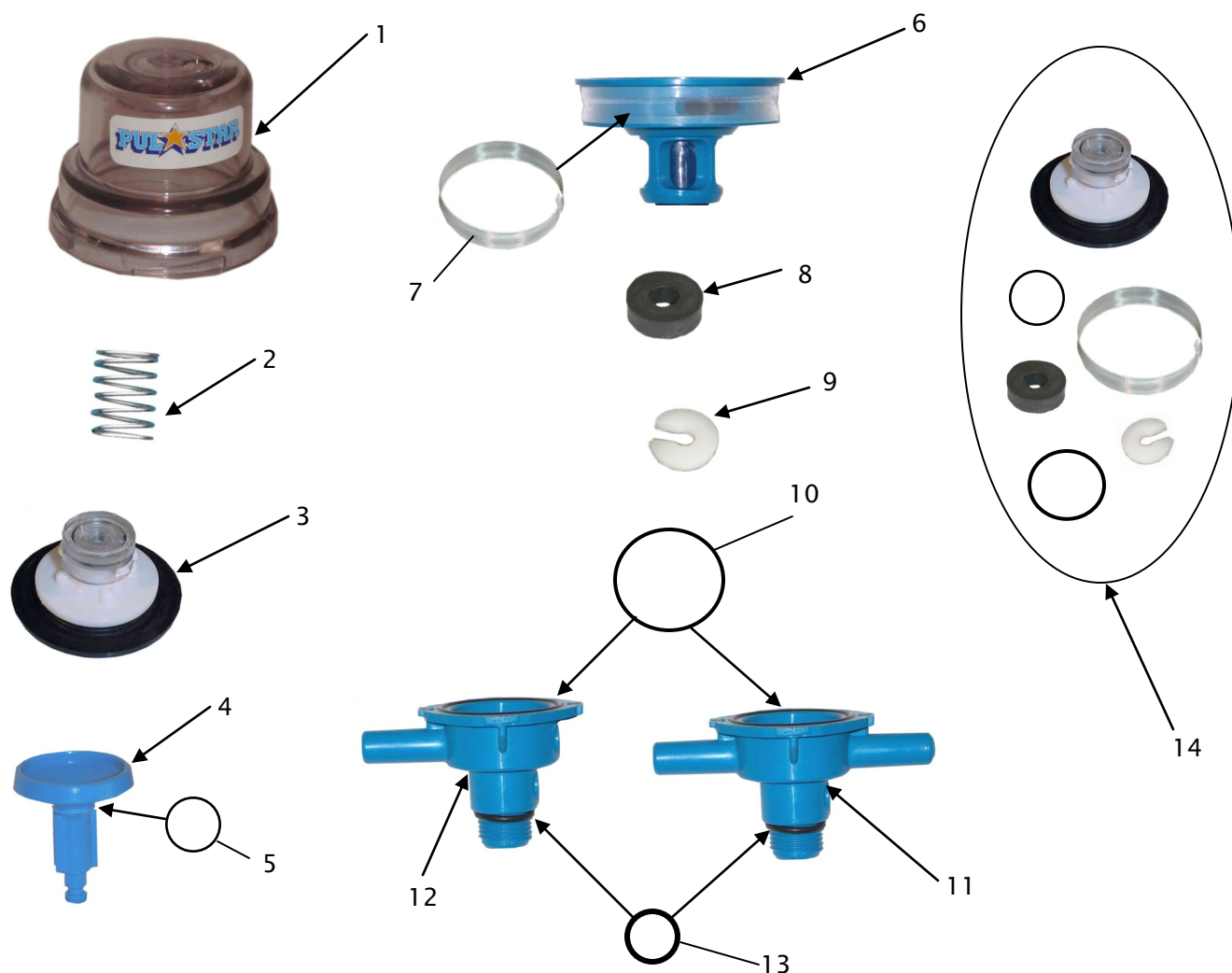


NO.	PART	DESCRIPTION
1	MZ10006NP	Dome
2	MZ10007NP	Pulsator Spring
3	MZ10005NP	Diaphragm Complete
4	MZ10022NP	Bobbin Only
5	MZ10009NP	Bobbin 'O' Ring
6	MZ10010NP	Bobbin Housing
7	MZ10028NP	Air Filter
8	MZ10015NP	Bobbin Housing Seal
9	MZ10011NP	Bobbin Valve

NO.	PART	DESCRIPTION
10	MZ10012NP	Bobbin Clip
11	MZ10014NP	Middle 'O' Ring
12	MZ10100NP	Standard Goat Middle
13	MZ10017NP	Base 'O' Ring
14	MZ10106NP	Standard Goat Base
15	MZ10030NP	Claw Protector Seal
16	MZ10002NP	Wash Plug
17	10019NP	Standard Repair Kit
18	10008NP	Bobbin Complete



Pulstar Pulsator

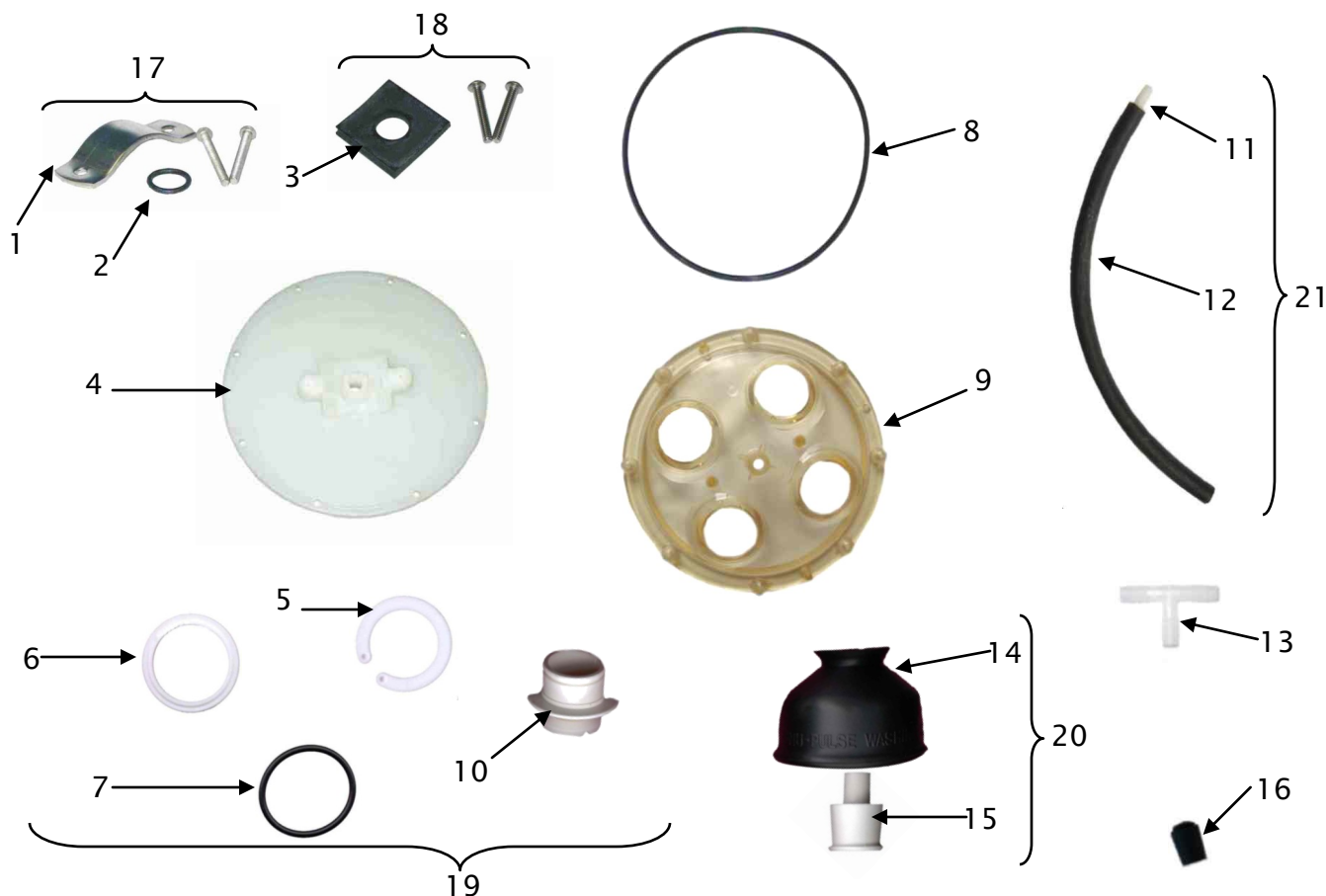


NO.	PART	DESCRIPTION
1	MZ12001NP	Pulstar Dome
2	MZ10007NP	Pulsator Spring
3	MZ10005NP	Diaphragm Complete
4	MZ10207NP	Pulstar Bobbin
5	MZ10009NP	Bobbin 'O' Ring
6	MZ10213NP	Pulstar Bobbin Housing
7	MZ10028NP	Air Filter for Bobbin

NO.	PART	DESCRIPTION
8	MZ10011NP	Bobbin Valve
9	MZ10012NP	Bobbin Clip
10	MZ10014NP	Middle 'O' Ring
11	MZ10209NP	Pulstar Base—Dual Outlet
12	MZ10212NP	Pulstar Base—Single Outlet
13	M 10090NP	Pulstar Mounting 'O' Ring
14	10120NP	Pulstar Pulsator Repair Kit



Standard & Top Wash Jetter Systems

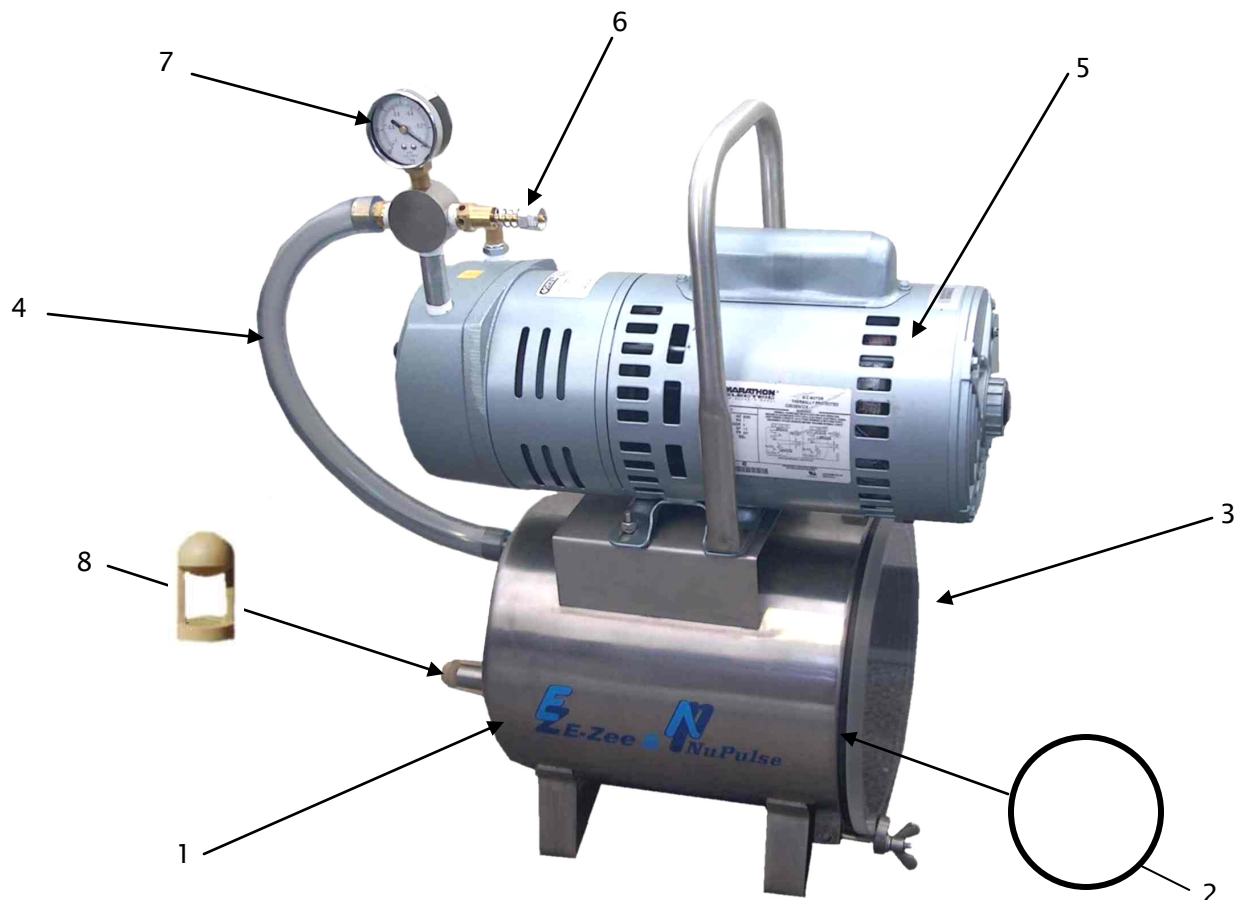


NO.	PART	DESCRIPTION
1	MZ10096NP	2" Jetter Clamp
2	M 10090NP	'O' Ring for Jetter Mounting Kit
3	M 10098NP	Gasket Adapter for 1-1/2" Line
4	MZ10095NP	Jetter Cover with 2" Saddle
5	MZ10078NP	Jetter Jet Circlip
6	MZ10077NP	Jetter Jet Spacer Ring
7	MZ10083NP	'O' Ring for Jetter Jet
8	MZ10085NP	Large 'O' Ring for Jetter Base
9	MZ10094NP	Jetter Base less Jets
10	MZ10079NP	Jetter Jets
11	MZ10024NP	Jetter Tube Adapter

NO.	PART	DESCRIPTION
12	MZ13165NP	Jetter Tube (14" for Standard Jetter—22" for Goat Jetter)
13	MZ10109NP	Tee for Goat Washer Conversion
14	MZ10117NP	Top Wash Jetter Cup
15	MZ10118NP	Top Wash Jetter Cone
16	MZ10102NP	Cap for MLX Jetter
17	10129NP	2" Jetter Clamp Kit
18	10128NP	1-1/2" Jetter Conversion Kit
19	10084NP	Jet Washer Replacement Kit (includes 4 of each)
20	10115NP	Top Wash Jetter Replacement Kit (includes 4 of each)
21	10003NP	Jetter Tube with Adapter



1/4HP & 3/4HP Mini Pump Complete



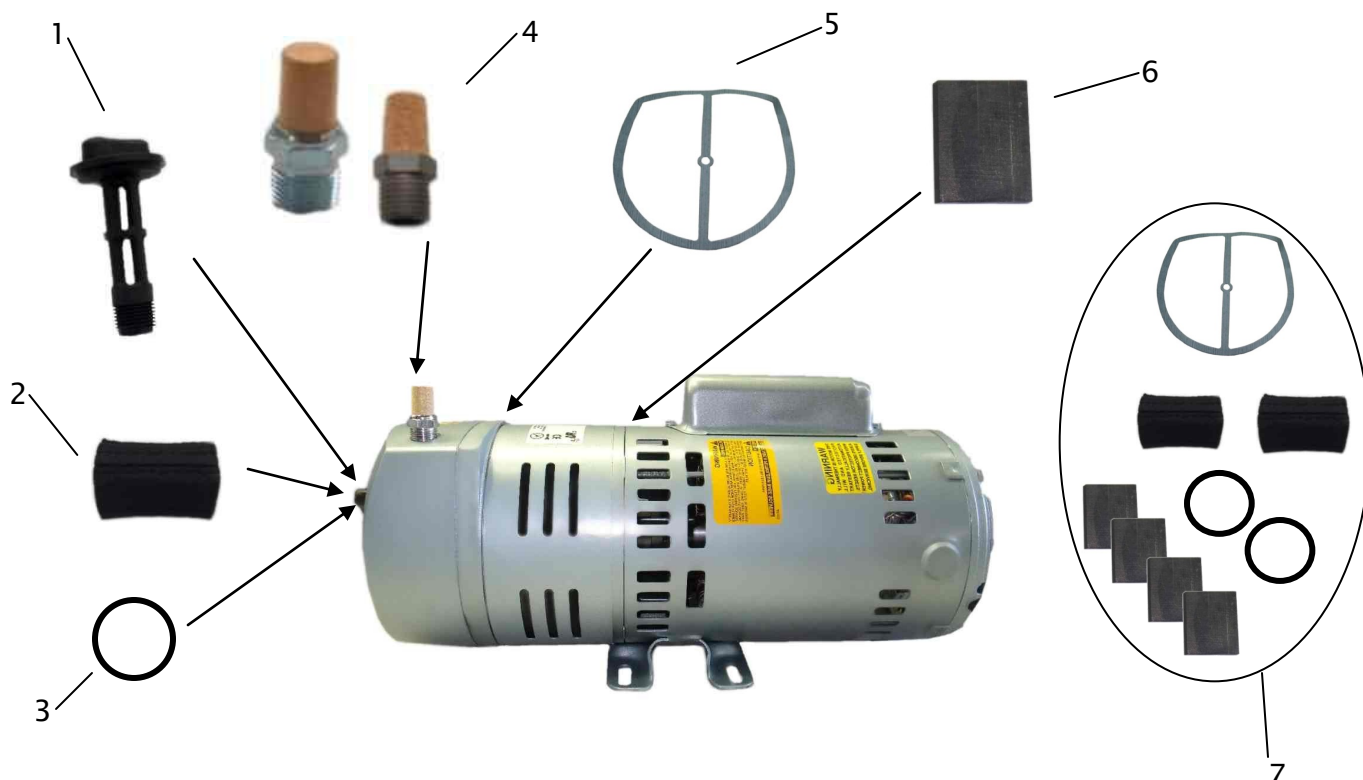
NO.	PART	DESCRIPTION
1	P41015NP	Mini Vacuum Tank Complete with lid, gasket, clip & handle
2	R30176NP	Gasket for Plexi Lid—10"
3	P41016NP	Plexi Lid
4	25235	5/8" Clear Tubing (2 ft)
5	P01199NP	3/4 HP Mini Pump & Motor
	P01195NP	1/4 HP Mini Pump & Motor
6	P41011NP	Brass Relief Valve
7	67224	Vacuum Gauge
8	56375	5/8" Flip Up Rubber Closure
N/S	P01236NP	Cord with 3 prong plug



Mini Pump & Motor

1/4 HP Pump & Motor
P01195NP

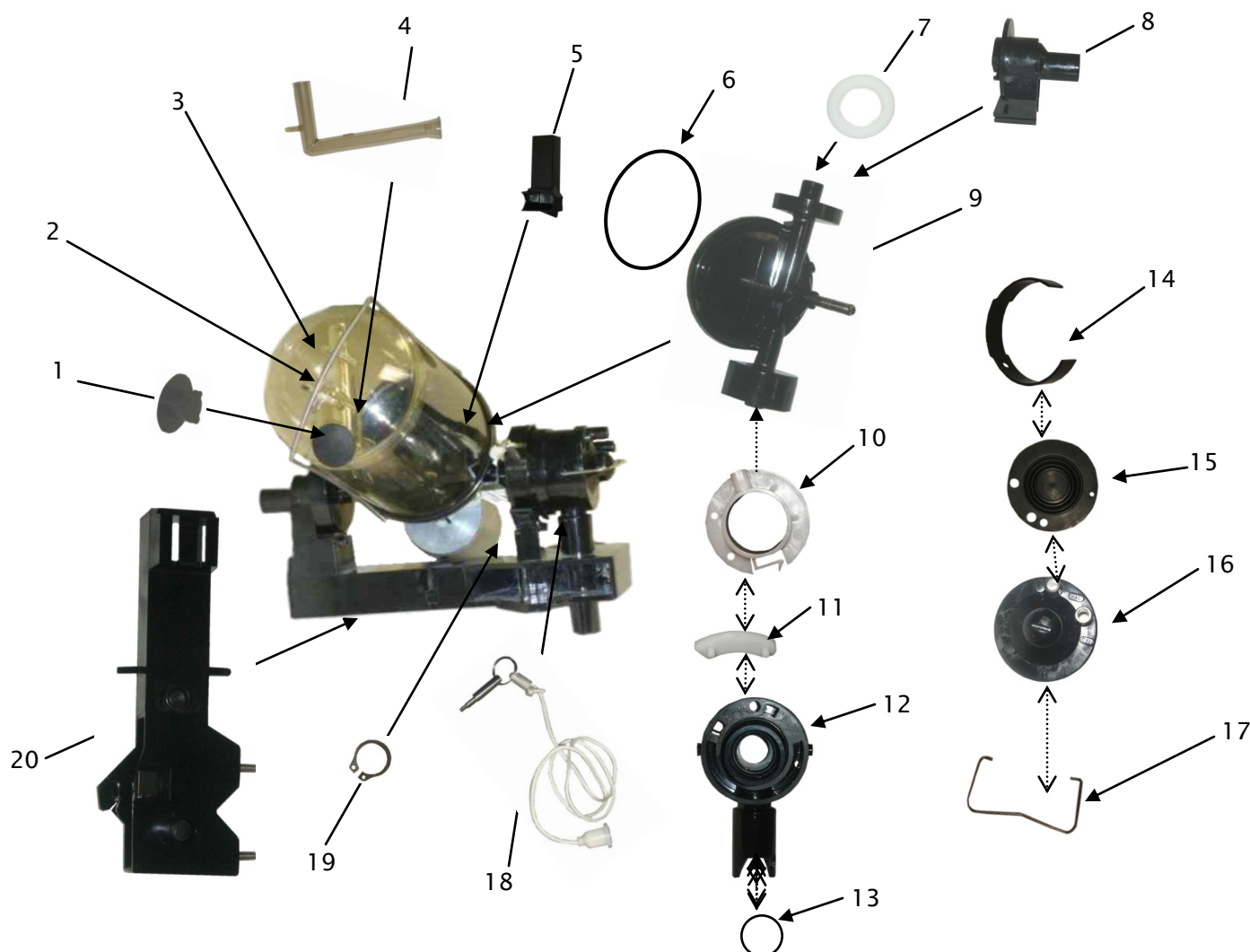
3/4 HP Pump & Motor
P01199NP



NO.	PART	DESCRIPTION
1	P41021NP	End Cap for Mini Pump
2	P41022NP	Filter Felt for Mini Pump
3	P41025NP	'O' Ring for Mini Pump
4	P41023NP	Muffler for 3/4 HP Mini Pump
	P41033NP	Muffler for 1/4 HP Mini Pump
5	P41028NP	Housing Gasket for 3/4 HP Mini Pump
	P41038NP	Housing Gasket for 1/4 HP Mini Pump
6	P41020NP	Vane for 3/4 HP Mini Pump
	P41030NP	Vane for 1/4 HP Mini Pump
7	P41024NP	Service Kit for 3/4HP Mini Pump
	P41034NP	Service Kit for 1/4 HP Mini Pump



Allflex Sensor

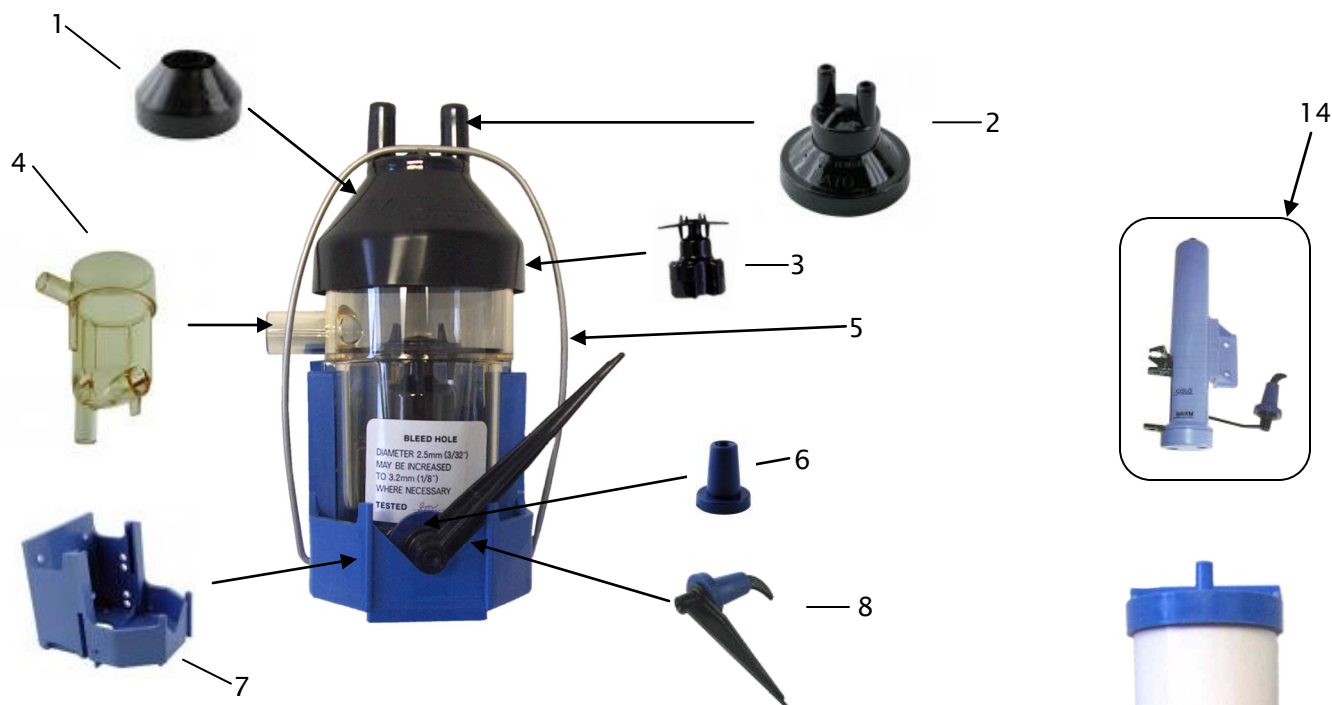


NO	PART	DESCRIPTION
1	D32150NP	Drain Plug
2	D32118NP	Canister Clip
3	D32122NP	Canister less Plug
4	D32110NP	Sensor Tube w/Hole
5	D32120NP	Snorkel
6	D32115NP	Manifold 'O' Ring
7	D32094NP	Sensor Spacer
8	D32111NP	Outlet Assembly
9	D32103NP	Manifold with 'O' Ring & Circlip
10	D32095NP	Inlet Valve Activator

NO.	PART	DESCRIPTION
11	D32096NP	Inlet Valve Slide
12	D32097NP	Inlet Valve Body includes Inlet Slide & 'O' Ring
13	D32117NP	Inlet 'O' Ring
14	D32113NP	Dust Cover
15	D32114NP	Diaphragm
16	D32112NP	Diaphragm Cap
17	D32119NP	Diaphragm Clip
18	D32107NP	Lever & Cord
19	D32108NP	Circlip for Counterweight
20	D32102NP	Mounting Bracket



Stanchion Barn Detacher—P/N 94250

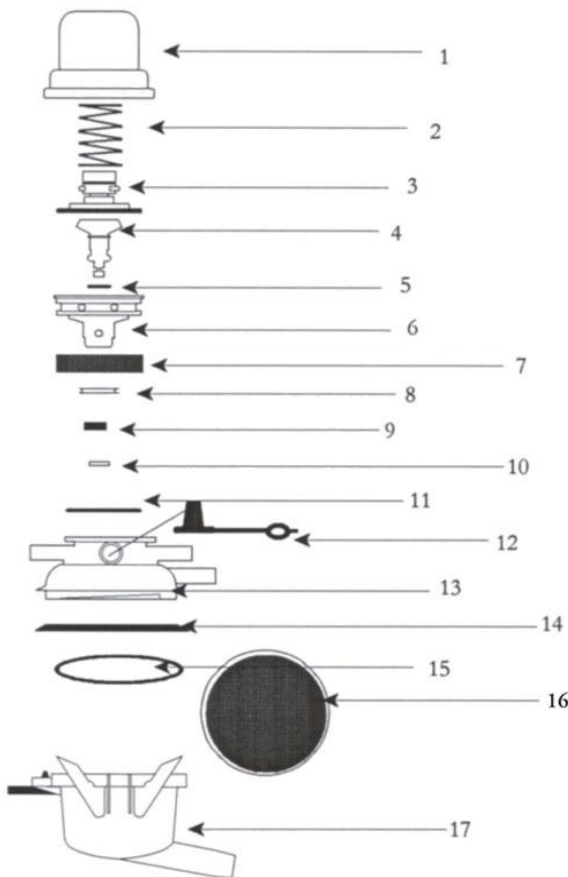


NO.	PART	DESCRIPTION
1	94204	Sensor Cover
2	94205	Valve Head
3	94220	Sensor Float Assembly
4	94200	Sensor Body
5	94221	Bridle Clip
6	94212	Bung
7	94222	Sensor Holder Bracket
8	94207	Float Lever with Bung for Sensor
	94208	Float Lever with Bung for Reset Timer
9	94218	Piston Washer
10	99708	Piston Seal
11	94216	Bayonet Assembly with Pulley
12	96012	Stainless Replacement Clip
13	98790	3/16" Cylinder Cord (Sold by the foot—9½ feet required)
14	94225	Reset Timer





Original Claw



NO.	PART	DESCRIPTION
1	MZ10006NP	Dome
2	MZ10007NP	Pulsator Spring
3	MZ10005NP	Diaphragm Complete
4	MZ10022NP	Bobbin Only
5	MZ10009NP	Bobbin 'O' Ring
6	MZ10010NP	Bobbin Housing
7	MZ10028NP	Air Filter
8	MZ10015NP	Bobbin Housing Seal
9	MZ10011NP	Bobbin Valve
10	MZ10012NP	Bobbin Clip
11	MZ10014NP	Middle 'O' Ring
12	MZ10002NP	Wash Plug
13	MZ10016NP MZ10068NP	Standard Middle MLX Middle
14	MZ10030NP	Claw Protector Seal
15	MZ10017NP	Base 'O' Ring
16	MZ10069NP	MLX Diaphragm
17	MZ10013NP MZ10070NP	Standard Super Bowl MLX Super Bowl

OPERATION

To obtain the maximum performance from your NuPulse Milker, here are some helpful points.

- Recommended vacuum levels are:
 - High Line: Standard Unit: 14" Hg; MLX Unit 14" to 15" Hg
 - Medium Lines and Weight Jars: 13" to 13.5" Hg
 - Low Lines and Bucket Milkers: 12" to 12.5" Hg
 NOTE: Add 1" when using tube type milk meters.
- Pulsation rate should be set at 54-56 pulsations per minute for Standard Units and 56-60 pulsations per minute for MLX Units in static mode (non-milking). To increase the pulsation rate, turn the cam counterclockwise. To decrease the pulsation rate, turn the cam clockwise.
NOTE: There is a (+) and a (-) molded into the top of the cam knob for reference.
- Clean the air filter regularly.
- Use hose hangers in stanchion bams to properly position the milker under the cow.
- Keep the milk hose as short as possible.
- Check the diaphragm, bobbin valve, bobbin 'O' ring and bobbin vacuum hole regularly for cleanliness and proper operation.

CLEANING

Wash water temperature should not drop below 110°F during recirculation cycle, and should have a Ph of 11.5 or higher.

C.I.P. Cleaning using Jetters

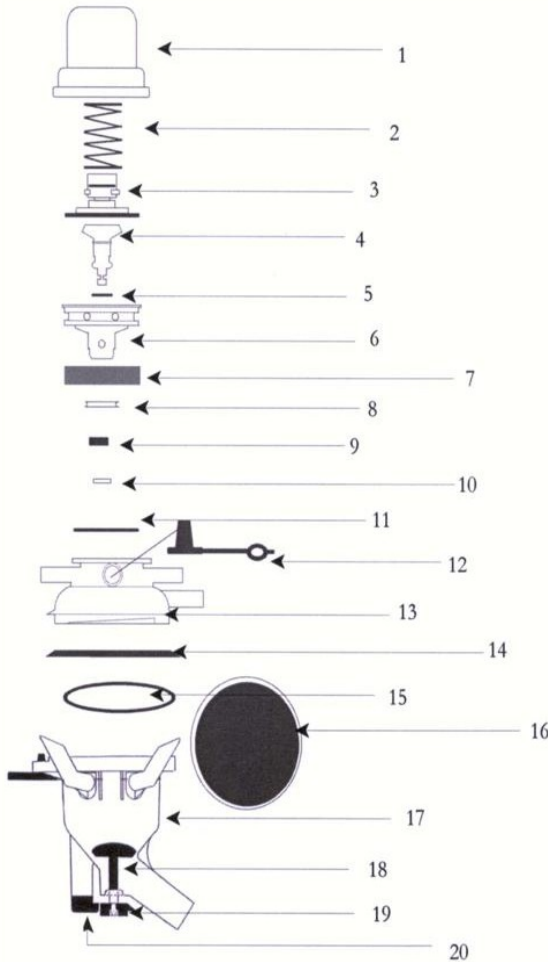
- Put teat cups on Jetters.
- Insert jetter tube adapters into claw wash port.
- Manually clean the pulsator parts weekly or as needed.
- For maximum MLX diaphragm life, it is recommended that the units pulsate while washing.

CAUTION

Do not overtighten the claw parts when reassembling. Let the 'O' rings do their job.

FulFlo Claw

NOTE: Bowls are available drilled for shutoff and come less shutoff parts. Order bowl drilled for shutoff.



NO	PART	DESCRIPTION
1	MZ12001NP	FulFlo Dome
2	MZ10007NP	Pulsator Spring
3	MZ10005NP	Diaphragm Complete
4	MZ10022NP	Bobbin Only
5	MZ10009NP	Bobbin "O" Ring
6	MZ10010NP	Bobbin Housing
7	MZ10028NP	Air Filter
8	MZ10015NP	Bobbin Housing Seal
9	MZ10011NP	Bobbin Valve
10	MZ10012NP	Bobbin Clip
11	MZ10014NP	Middle "O" Ring
12	MZ10002NP	Wash Plug
13	MZ12005NP MZ12405NP	FulFlo Standard Middle FulFlo MLX Middle
14	MZ10030NP	Claw Protector Seal
15	MZ10017NP	Base "O" Ring
16	MZ10069NP	MLX Diaphragm
17	MZ12010NP MZ12110NP MZ12210NP MZ12310NP MZ12410NP MZ12510NP MZ12610NP MZ12710NP	FulFlo Standard Bowl FulFlo Standard Bowl with ShutOff FulFlo Parallel Standard Bowl FulFlo Parallel Std Bowl with ShutOff FulFlo MLX Bowl FulFlo MLX Base with ShutOff FulFlo Parallel MLX Bowl FulFlo Parallel MLX Bowl with ShutOff
18	MZ12016NP	ShutOff Valve
19	MZ12017NP	ShutOff Button
20	MZ12015NP	Rubber Foot for ShutOff

OPERATION

To obtain the maximum performance from your NuPulse Milker, here are some helpful points:

- Recommended vacuum levels are:
 - High Line: Standard Unit: 14" Hg; MLX Unit 14" to 15" Hg
 - Medium Lines and Weight Jars: 13" to 13.5" Hg
 - Low Lines and Bucket Milkers: 12" to 12.5" Hg

NOTE: Add 1" when using tube type milk meters.
- Pulsation rate should be set at 54-56 pulsations per minute for Standard Units and 56-60 pulsations per minute for MLX Units in static mode (non-milking). To increase the pulsation rate, turn the cam counterclockwise. To decrease the pulsation rate, turn the cam clockwise.
NOTE: There is a (+) and a (-) molded into the top of the cam knob for reference.
- Clean the air filter regularly.
- Use hose hangers in stanchion barns to properly position the milker under the cow.
- Keep the milk hose as short as possible.
- Check the diaphragm, bobbin valve, bobbin "O" ring and bobbin vacuum hole regularly for cleanliness and proper operation.

CLEANING

Wash water temperature should not drop below 110°F during recirculation cycle, and should have a Ph of 11.5 or higher.

C.I.P. Cleaning using Jetters

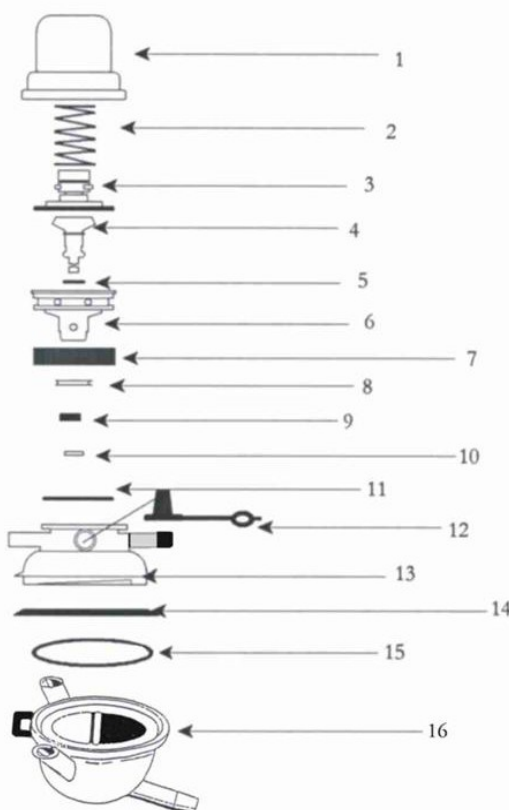
- Put test cups on jetters.
- Insert jetter tube adapters into claw wash port.
- Manually clean the pulsator parts weekly or as needed.
- On FulFlo claws with Automatic Vacuum Shutoff Valves, LOCK the valves in the open position for washing.
- For maximum MLX diaphragm life, it is recommended that the units pulsate while washing.

CAUTION

Do not overtighten the claw parts when reassembling. Let the "O" rings do their job.



Goat Claw



NO.	PART	DESCRIPTION
1	MZ10006NP	Dome
2	MZ10007NP	Pulsator Spring
3	MZ10005NP	Diaphragm Complete
4	MZ10022NP	Bobbin Only
5	MZ10009NP	Bobbin 'O' Ring
6	MZ10010NP	Bobbin Housing
7	MZ10028NP	Air Filter
8	MZ10015NP	Bobbin Housing Seal
9	MZ10011NP	Bobbin Valve
10	MZ10012NP	Bobbin Clip
11	MZ10014NP	Middle 'O' Ring
12	MZ10002NP	Wash Plug </td
13	MZ10100NP	Goat Middle
14	MZ10030NP	Claw Protector Seal
15	MZ10017NP	Base 'O' Ring
16	MZ10106NP	Goat Base

OPERATION

To obtain the maximum performance from your NuPulse Milker, here are some helpful points.

- Recommended vacuum levels are:
 - High Line: Standard Unit—12.5" Hg
 - Medium Lines and Weight Jars: 11.5" Hg
 - Low Lines and Bucket Milkers: 10.5" Hg
 NOTE: Add 1" when using tube type milk meters.
- Pulsation rate should be set at **75-85** pulsations per minute for Goat Units in static mode (non-milking). **To increase** the pulsation rate, turn the cam **counterclockwise**. **To decrease** the pulsation rate, turn the cam **clockwise**.
NOTE: There is a (+) and a (-) molded into the top of the cam knob for reference.
- Clean the air filter regularly.
- Use hose hangers in stanchion barns to properly position the milker under the goat.
- Keep the milk hose as short as possible.
- Check the diaphragm, bobbin valve, bobbin 'O' ring and bobbin vacuum hole regularly for cleanliness and proper operation.

CLEANING

Wash water temperature should not drop below 110°F during recirculation cycle, and should have a Ph of 11.5 or higher.

C.I.P. Cleaning using Jetters

- Put teat cups on Jetters.
- Insert jetter tube adapters into claw wash port.
- Manually clean the pulsator parts weekly or as needed.

CAUTION

Do not over tighten the claw parts when reassembling. Let the 'O' rings do their job.