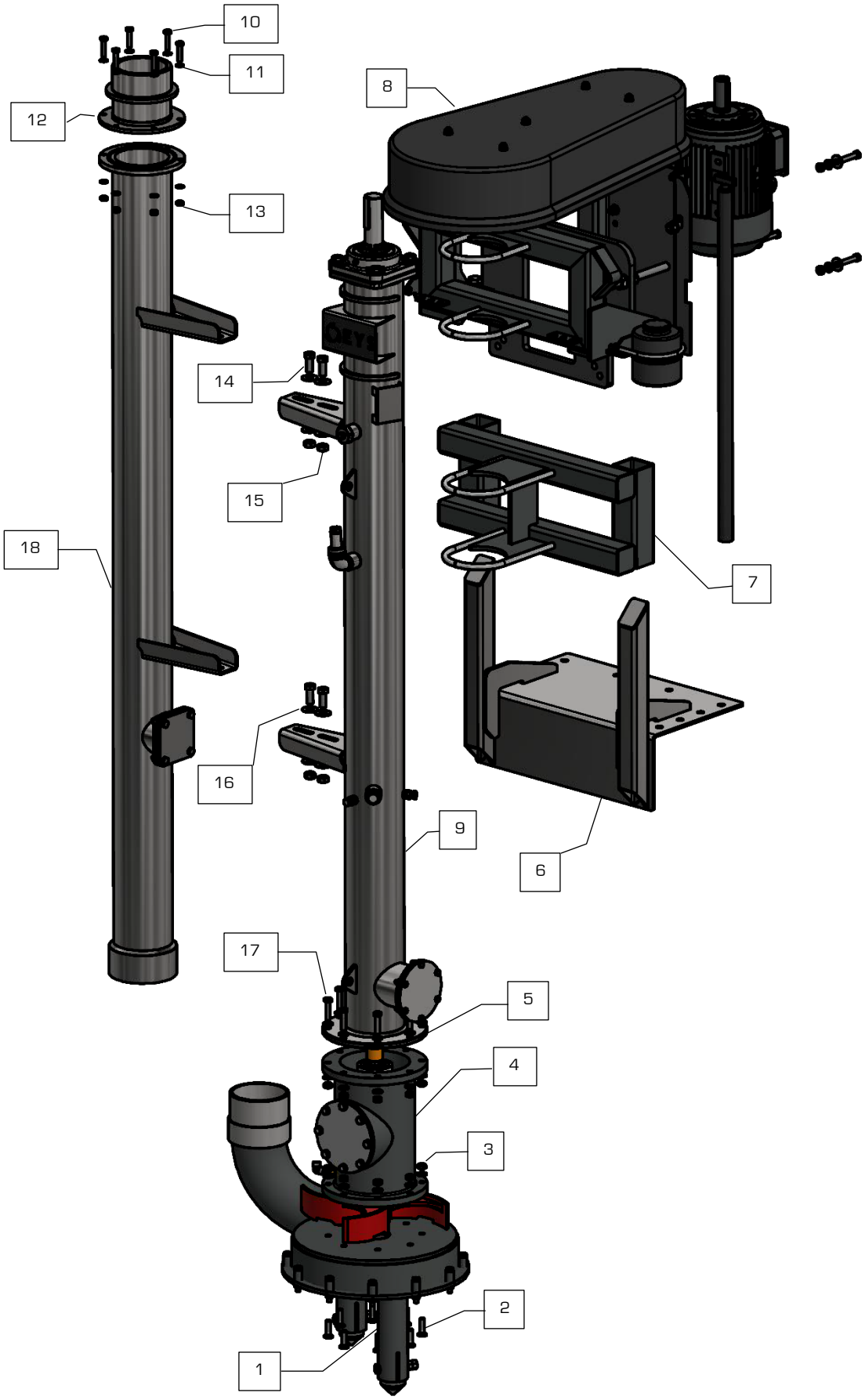
DARITECH INC
Manure Management

E-Series
-Parts Manual-

Revision	Date	Description
0.0	6/15/2026	Parts Manual Completion

Classic Pump Assembly



Classic Pump – Part Numbers

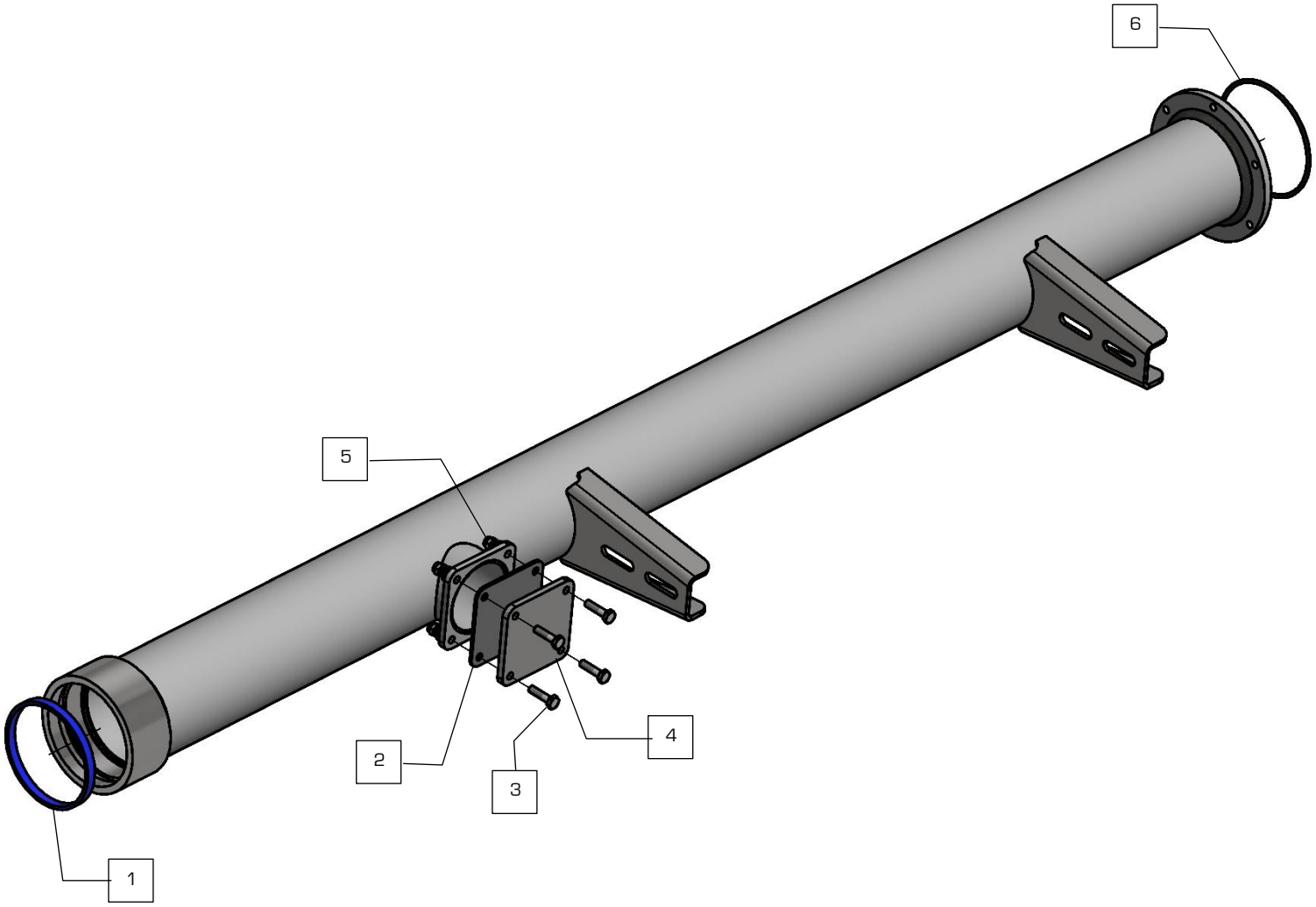
Item #	Part #	Description
1	N771	E-Series Impeller Housing/Bottom Plate Assy. Complete (Classic/Mixpump)
2	R871	M12 x 45mm Tapered Socket Head Bolt
3	G616	M12-1.75 Zinc Nylock Nut
4	V420	E-Series Gearbox for Classic Pump
5	K719	190x5.30mm Nitrile O-Ring
6	N885	E-Series Pit Attachment Plate
7	R729	E-Series Pit Connection Bracket
8	X570	Greenline E-Series Mount Assembly
9	Z680	6' Greenline E-Series Drive Stem – Complete Assembly
	L621	8' Greenline E-Series Drive Stem – Complete Assembly
	R573	10' Greenline E-Series Drive Stem – Complete Assembly
	F686	12' Greenline E-Series Drive Stem – Complete Assembly
	Z722	14' Greenline E-Series Drive Stem – Complete Assembly
	V296	16' Greenline E-Series Drive Stem – Complete Assembly
	L895	18' Greenline E-Series Drive Stem – Complete Assembly
	R763	20' Greenline E-Series Drive Stem – Complete Assembly
10	J113	M10-1.5 x 50mm Zinc Hex Bolt
11	F504	A10.5 Zinc Flat Washer
12	A261	Ringlock Fitting for E-Series Mix/Classic/Pressure Discharge
13	S401	M10-1.5 Zinc Hex Nut
14	G140	M16 x 50mm Zinc Hex Bolt
15	M277	M16 Zinc Hex Nut
16	R479	DIN125 – A17 Washer
17	D355	M12 x 50mm Zinc Hex Bolt
18	K375	6' Greenline E-Series Discharge Stem w/o Nozzle (Classic/Mixpump/H.P.)
	F552	8' Greenline E-Series Discharge Stem w/o Nozzle (Classic/Mixpump/H.P.)
	N713	10' Greenline E-Series Discharge Stem w/o Nozzle (Classic/Mixpump/H.P.)
	K472	12' Greenline E-Series Discharge Stem w/o Nozzle (Classic/Mixpump/H.P.)
	V747	14' Greenline E-Series Discharge Stem w/o Nozzle (Classic/Mixpump/H.P.)
	D779	16' Greenline E-Series Discharge Stem w/o Nozzle (Classic/Mixpump/H.P.)
	T830	18' Greenline E-Series Discharge Stem w/o Nozzle (Classic/Mixpump/H.P.)
	X779	20' Greenline E-Series Discharge Stem w/o Nozzle (Classic/Mixpump/H.P.)

Drive Tube Assembly

Drive Tube Assembly – Part Numbers

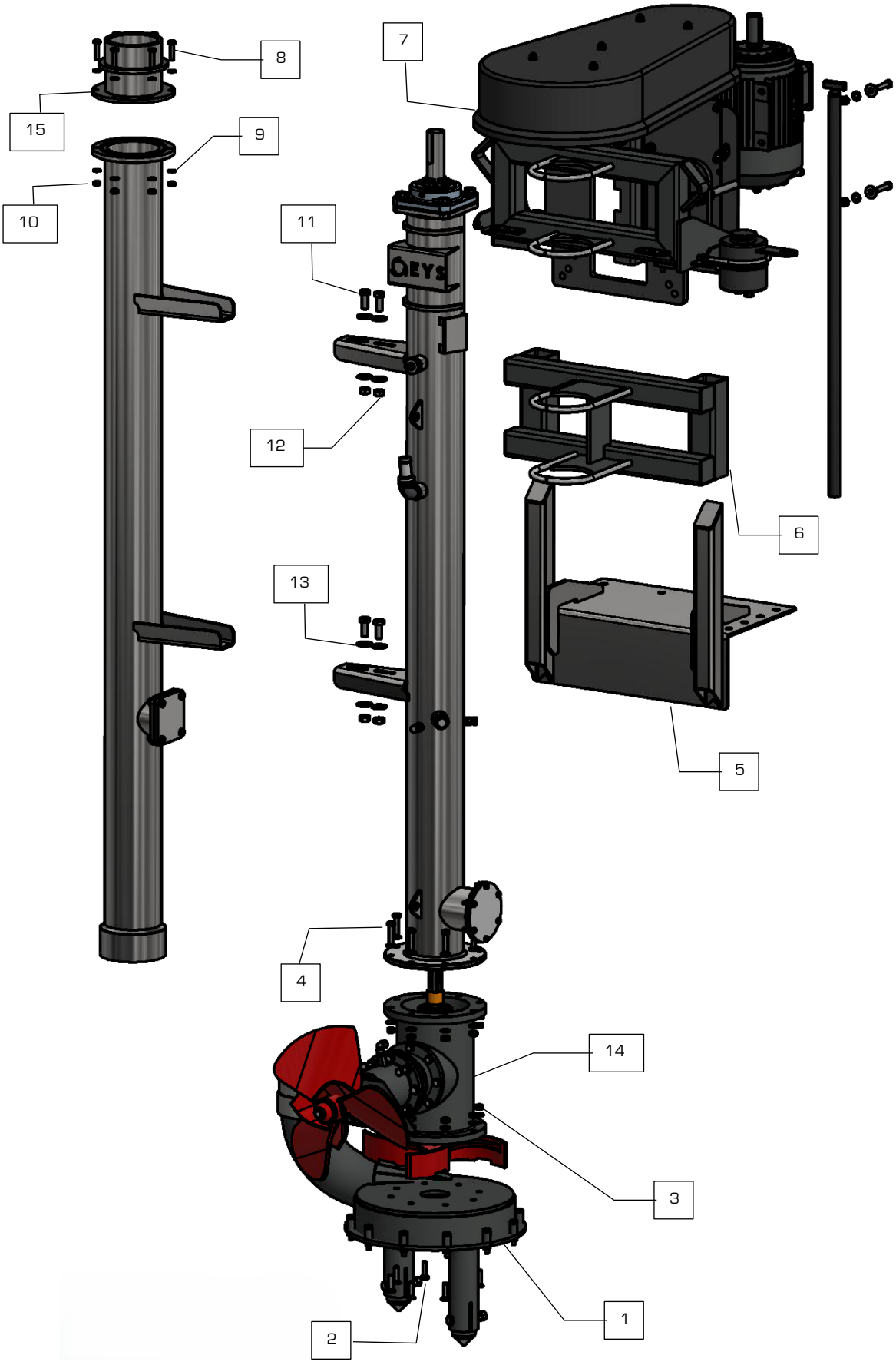
Item #	Part #	Description
1	K112	M10 x 12mm Zinc Set Screw
2	A304	U-Joint for E-Series Drive Shaft
3	K719	190x5.30mm NITRILE O-RING
4	T491	DIN 910 - G1A Hex Plug For E-Series Drive Tube
5	F608	M8-1.25 Zinc Hex Nut
6	D212	120 x 4mm Rubber O-Ring
7	G629	Cover Flange (E-Series Drive Tube)
8	L497	M8 x 25mm Zinc Hex Head Bolt
9	D355	M12 x 50mm Zinc Hex Bolt
10	Z556	1" Galv. Street Elbow
11	X867	E-Series Dipstick Tube Fitting
12	M277	M16 Zinc Hex Nut
13	U738	Gasket for 4-Bolt Flanged Bearing (E-Series Drive Stem)
14	N333	4-Bolt Flange Bearing (E-Series Drive Stem)
15	R479	DIN125 - A17 Washer
16	T440	M16 x 60mm Zinc Hex Bolt
17	Y164	6' E-Series Driveshaft
	E230	8' E-Series Driveshaft
	W209	10' E-Series Driveshaft
	K765	12' E-Series Driveshaft
	P232	14' E-Series Driveshaft
	J200	16' E-Series Driveshaft
	S320	18' E-Series Driveshaft
	A609	20' E-Series Driveshaft
18		
19	0294	Race for E-Series Drive Bearing
20	E536	Cone Bearing for E-Series Drive
21	B861	Cone Bearing Assembly
22		

Suction Tube Assembly



Item #	Part #	Description
1	Q207	152.3x160x13.5mm U-Cup Seal
2	T439	Flange Seal (E-Series Disch. Stem)
3	Z776	M10 x 30mm Hex Bolt Zinc
4	V631	Flange Cover (E-Series Disch. Stem)
5	S401	M10-1.5 Zinc Hex Nut
6	U258	165x5mm O-Ring for E-Series Discharge Tube

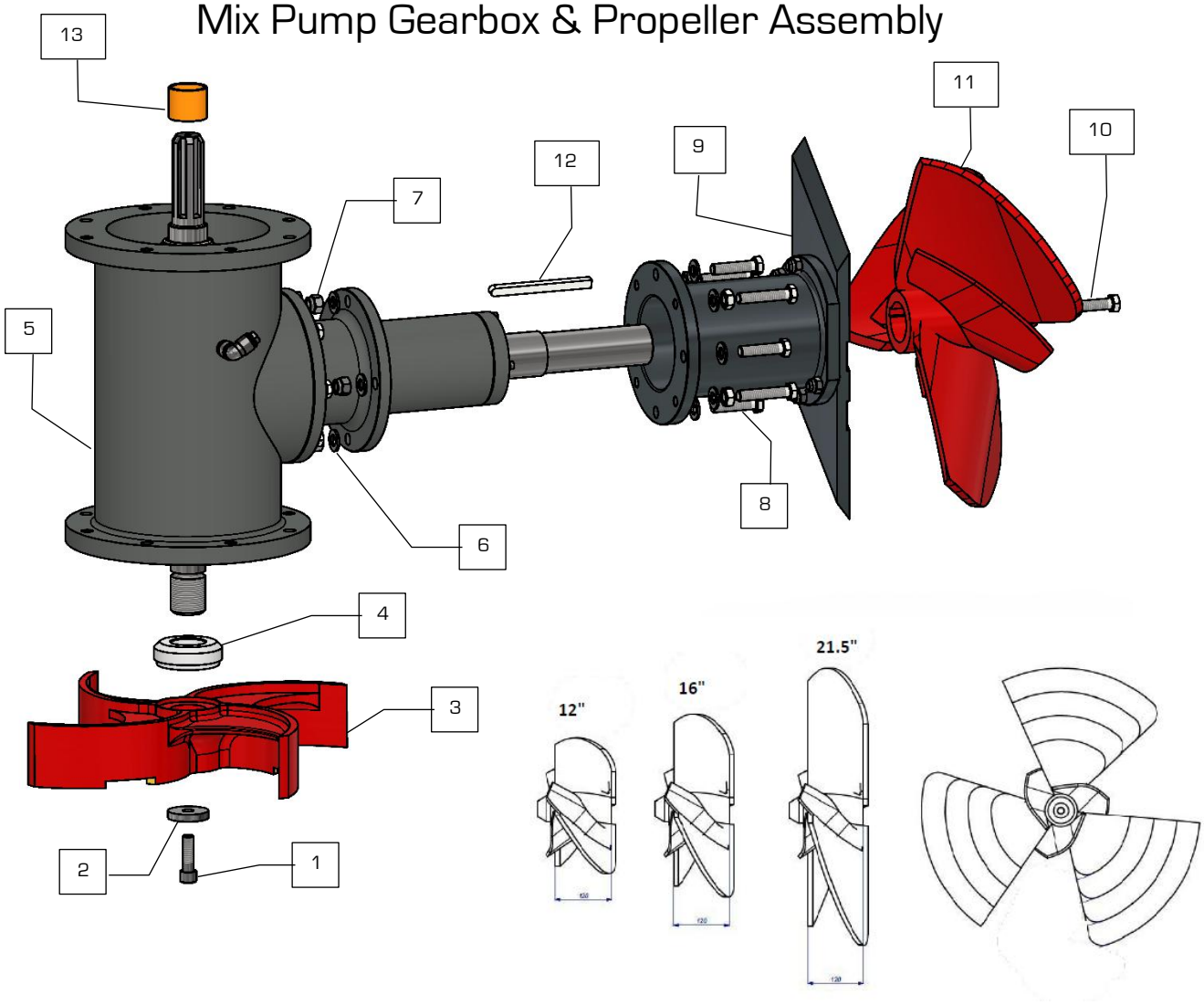
Mix Pump Assembly



Mix Pump Assembly Part Numbers

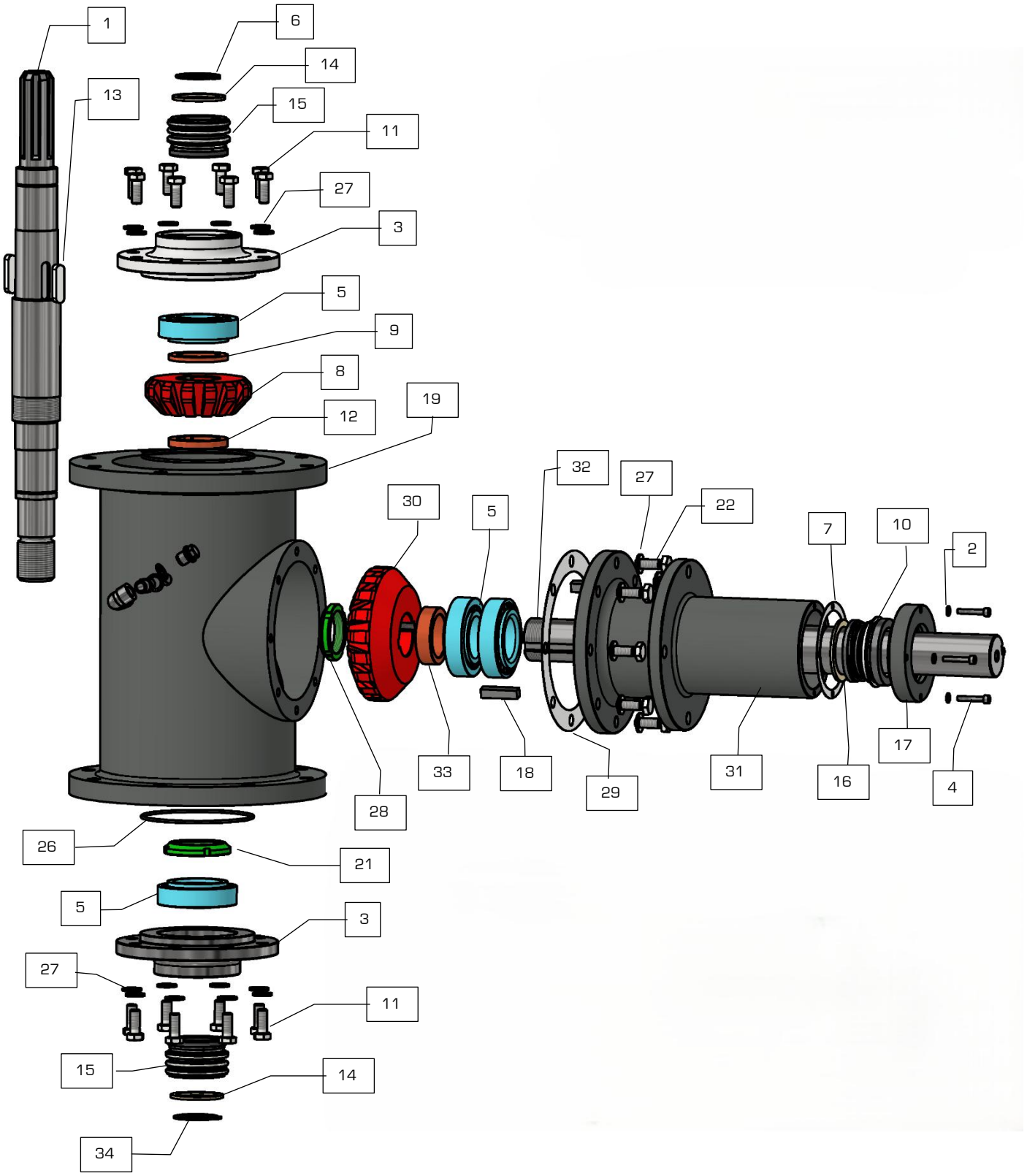
Item #	Part #	Description
1	N771	E-Series Impeller Housing/Bottom Plate Assy. Complete - (Classic/Mixpump)
2	R871	M12 x 45mm Tapered Socket Head Bolt
3	G616	M12-1.75 Zinc Nylock Nut
4	D355	M12 x 50mm Zinch Hex Bolt
5	N885	E-Series Pit Attachment Plate
6	R729	E-Series Pit Connection Bracket
7	X570	Greenline E-Series Mount Assembly
8	J113	M10-1.5 x 50mm Zinc Hex Bolt
9	F504	A10.5 Zinc Flat Washer
10	S401	M10-1.5 Zinc Hex Nut
11	G140	M16 x 50mm Zinc Hex Bolt
12	M277	M16 Zinc Hex Nut
13	R479	DIN125 - A17 Washer
14	L512	E-Series Gearbox w/ Knife & Prop (Mixpump/Agi.)
15	A261	Ringlock Fitting for E-Series Mix/Classic/Pressure Discharge

Mix Pump Gearbox & Propeller Assembly



Item #	Part #	Description
1	D355	M12 x 50mm Zinc Hex Bolt
2	D891	E-Series Impeller Holder Ring
3	D418	E-Series 4-Blade Impeller (Classic/Mix/Flush)
4	V483	E-series Impeller Ring
5	L512	E-Series Gearbox w/ Knife & Prop (Mixpump/Agi.)
6	M378	M12 Zinc Flat Washer
7	S401	M10-1.5 Zinc Hex Nut
8	D355	M12 x 50mm Zinc Hex Bolt
9	G790	E-Series Propeller Knife
10	T801	M12-1.75 x 60mm Zinc Hex Bolt
11	A247	12" E-Series Propeller
	Y331	16" E-Series Propeller
	R799	21.5" E-Series Propeller
12	J232	10x8x120mm Shaft Key
13	Q511	E-Series U-Joint Spacer

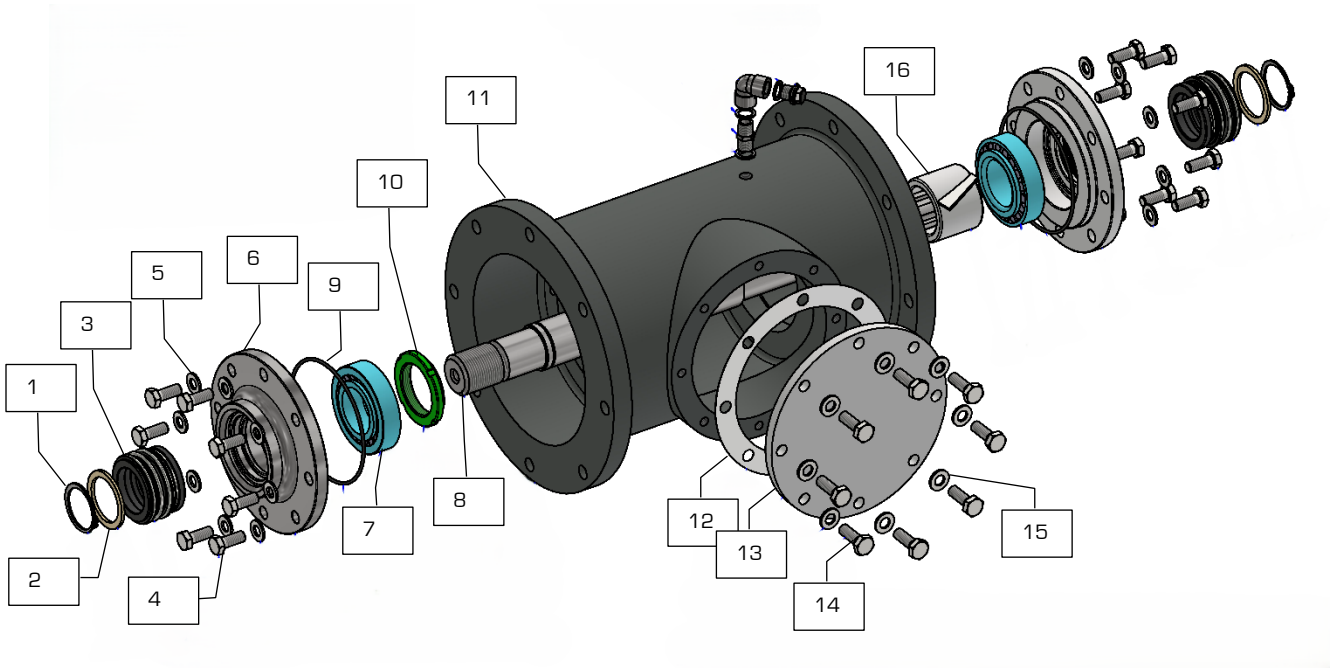
Mix Gearbox Assembly



Mix Gearbox Assembly – Part Numbers

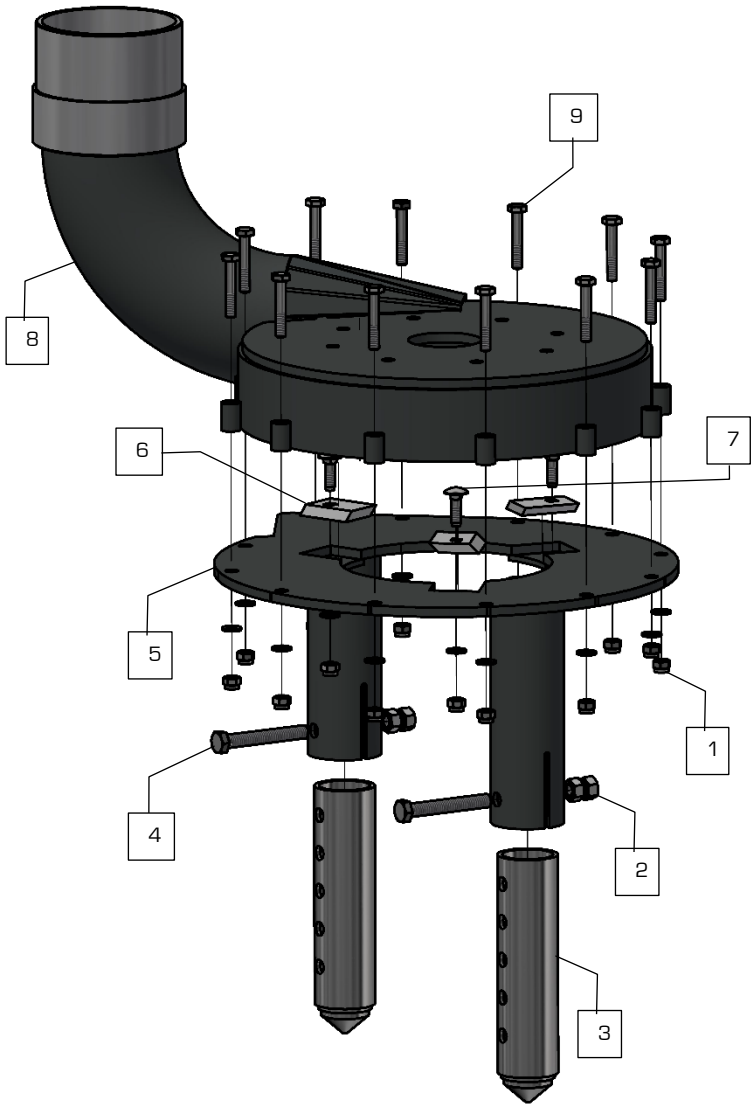
Item #	Part#	Description
1	X976	E-Series Mix Pump Gear Box - Vertical Shaft
2	0956	M5 ASME Narrow Zinc Flat Washer
3	P964	E-Series Mix Pump Gear Box - Bearing Housing
4	K912	M5x30MM Socket Head Bolt
5	Z992	Greenline Mini Power Lower Drive Bearing
6	F942	E-Series Mix Pump Gear Box - 471-42 Circle Clip
7	C950	E-Series Mix Pump Gear Box - Film for Mechanical Seal
8	A993	E-Series Mix Pump Gear Box – Z14 Bevel Gear
9	A794	Lock Collar
10	P955	Mechanical Seal
11	T539	M10 x 25mm Zinc Hex Bolt
12	N528	Locking Spacer for Z14 Gear
13	0986	E-Series Mix Pump Gear Box – Vertical Shaft Key
14	A672	EYS Gearbox Mechanical Seal Shim (Classic/Mix) Impeller Side
15	U808	EYS Gearbox Mechanical Seal (Classic/Mix)
16	F485	EYS Gearbox Mechanical Seal Shim (Classic/Mix) Propeller Side
17	W958	E-Series Mix Pump Gear Box – Horizontal Housing for Mechanical Seal
18	R936	E-Series Mix Pump Gear Box – Horizontal Shaft Key
19	G976	E-Series Mix Pump Gear Box – Gearbox Body
20	N932	E-Series Mix Pump Gear Box – 1-4" Copper Washer
21	B574	Bearing Oiling Stud (E-Series Gearbox)
22	Z597	M10-1.5 x 30mm Zinc Hex Bolt
23	D962	E-Series Mix Pump Gear Box – 1/4" Hydraulic Nipple
24	U943	E-Series Mix Pump Gear Box – 1/4" Hydraulic Bling Cap
25	P945	E-Series Mix Pump Gear Box – 1/4" Hydraulic Female Elbow
26	Y983	E-Series Mix Pump Gear Box – 62 O-Ring
27	F504	A10.5 Zinc Flat Washer
28	N903	Greenline Conical Gear Tension Ring
29	P265	Flange Cover Gasket (E-Series Gearbox)
30	F999	E-Series Mix Pump Gear Box – Ring Gear Z19
31	X907	E-Series Agitator Bearing Assy. (w/O Prop, Knife Assy.)
32	B917	E-Series Mix Pump Gear Box – Horizontal Shaft
33	P180	Shaft Bushing for Z19 E-Series Gear
34	S999	E-Series Mix Pump Gear Box – 471-42 Circle Clip

Classic Gearbox Assembly



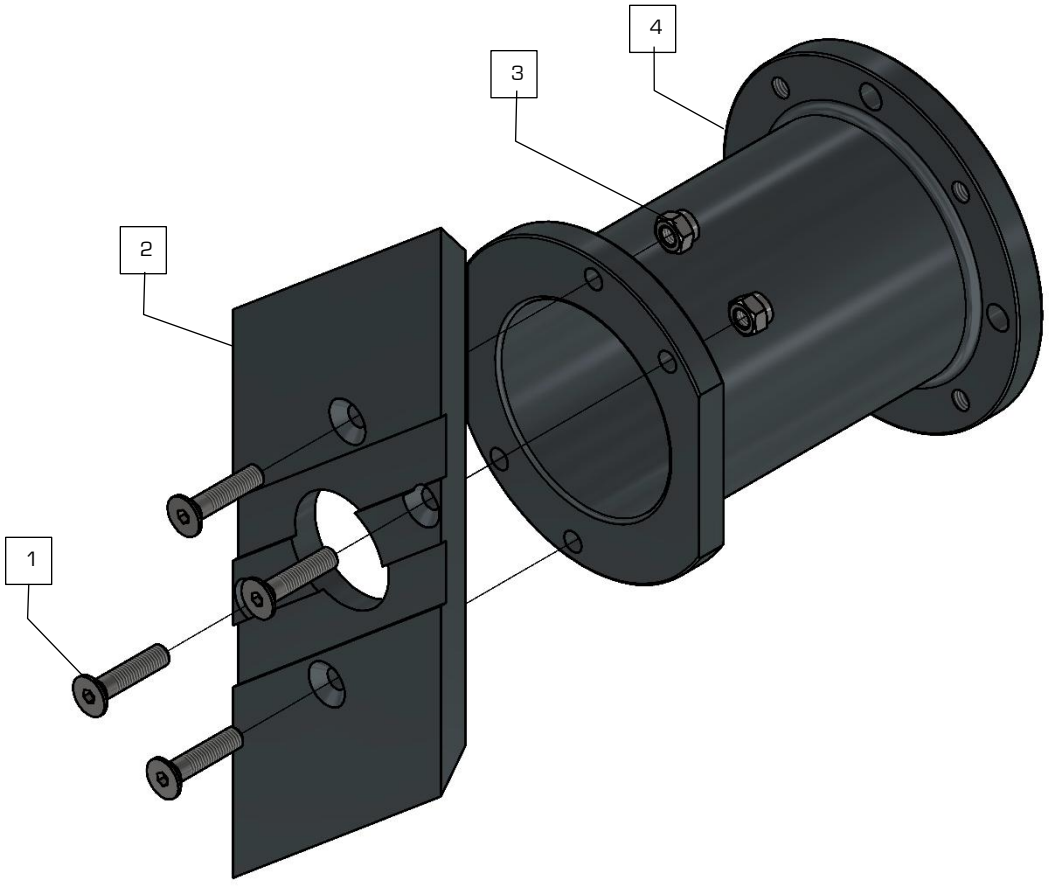
Item #	Part #	Description
1	S999	E-Series Mix Pump Gear Box – 471-42 Circle Clip
2	A672	EYS Gearbox Mechanical Seal Shim (Classic/Mix) Impeller Side
3	U808	EYS Gearbox Mechanical Seal (Classic/Mix)
4	T539	M10 x 25mm Zinc Hex Bolt
5	F504	A10.5 Zinc Flat Washer
6	P964	E-Series Pump Gear Box - Bearing Housing
7	Z992	Greenline Mini Power Lower Drive Bearing
8	X976	E-Series Pump Gear Box - Vertical Shaft
9	Y983	E-Series Pump Gear Box – 62 O-Ring
10	B574	Bearing Oiling Stud (E-Series Gearbox)
11	G976	E-Series Pump Gearbox – Gearbox Body
12	P265	Flange Cover Gasket (E-Series Gearbox)
13	—	Housing Cover Plate
14	Z597	M10-1.5 x 30mm Zinc Hex Bolt
15	F504	A10.5 Zinc Flat Washer
16	D776	Seal Connection for E-Series Bearing Assy

Mixpump/Classic Housing



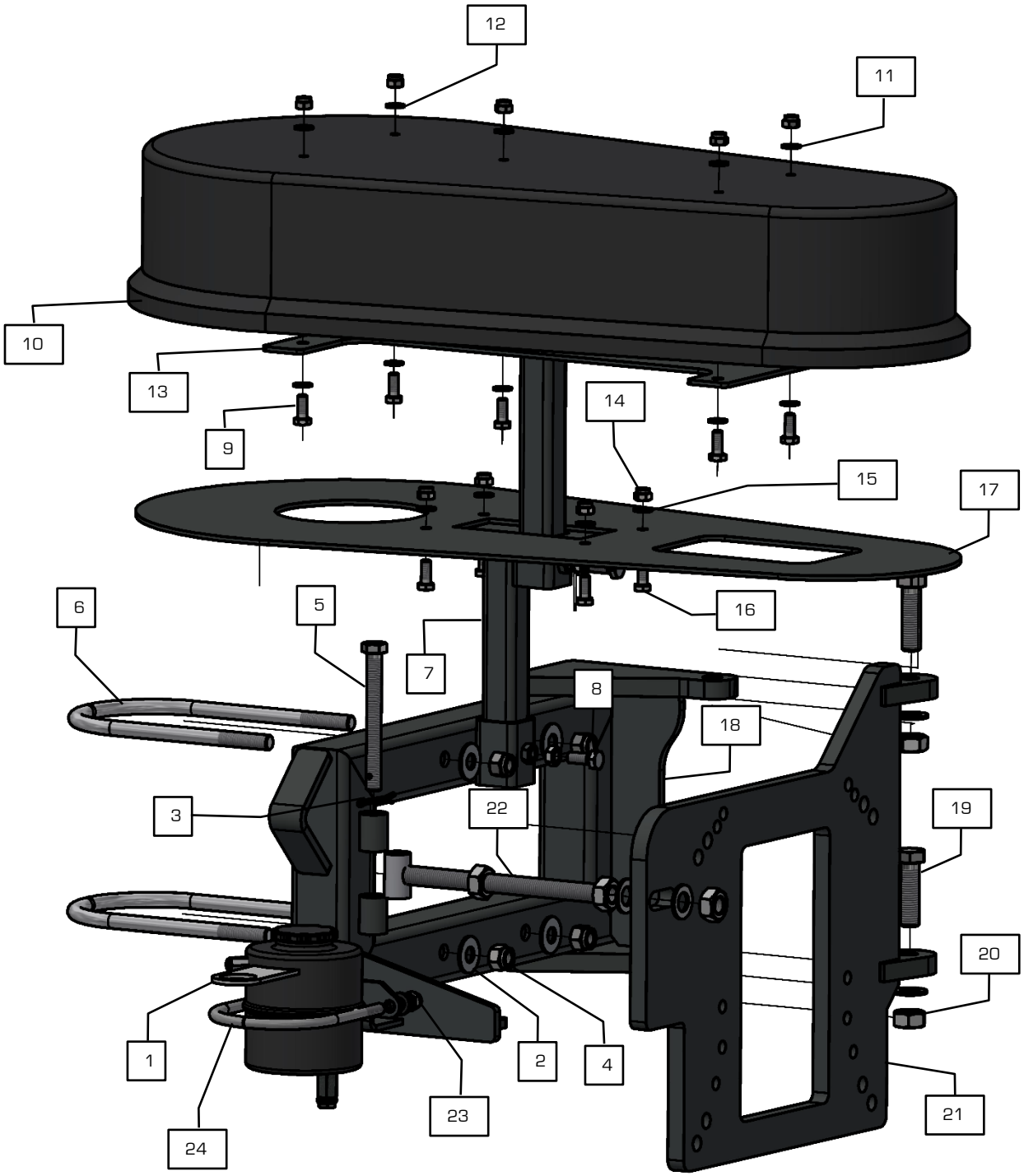
Item #	Part #	Description
1	S401	M10-1.5 Zinc Hex Nut
2	G216	M14-2.0 Zinc Hex Nut
3	U461	Adjustable Foot for E-Series Bottom Plate
4	P221	M14-2.0 x 100mm Zinc Hex Bolt
5	C122	E-Series Bottom Plate (Mix/Classic)
6	D589	E-Series Cutter Blade for Bottom Plate (Classic/Mix)
7	Y705	M10-1.5 x 40mm Zinc Steel Carriage Bolt
8	Q293	E-Series Impeller Housing (Classic/Mixpump)
9	D355	M12 x 50mm Zinc Hex Bolt

Knife Holder Assembly



Item #	Part #	Description
1	X376	M10 x 40mm Tapered Socket Head Bolt
2	G790	E-Series Propeller Knife
3	S401	M10-1.5 Zinc Hex Nut
4	S472	E-Series Propeller Knife Holder

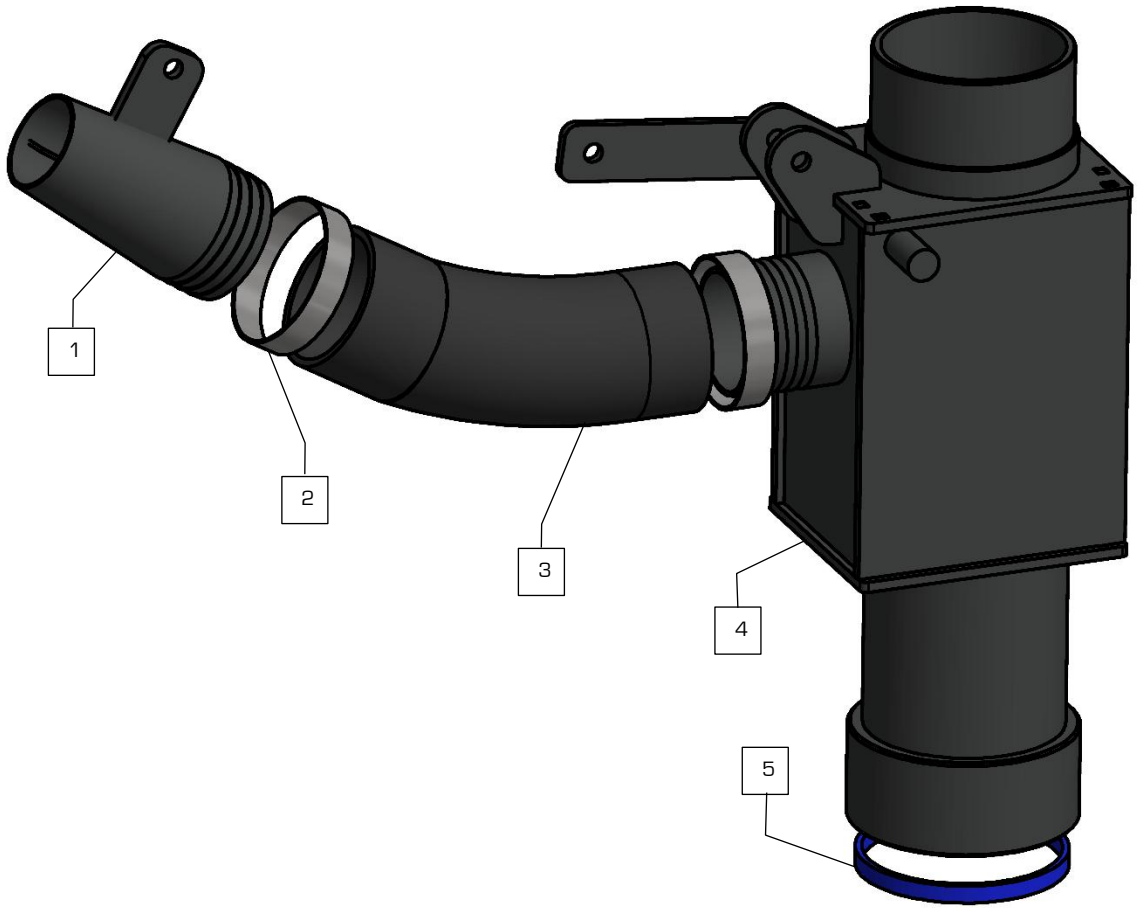
Motor Connection Assembly



Motor Connection Assembly – Part Numbers

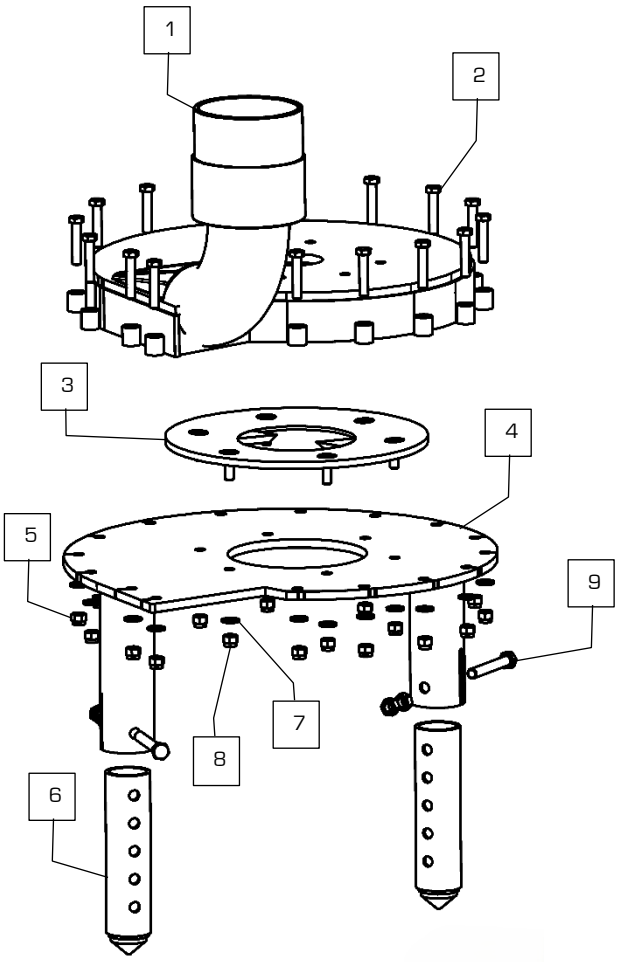
Item #	Part#	Description
1	Y844	Oil Reservoir (E-Series)
2	R479	DIN125 - A17 Washer
3	N235	Cotter Pin for Tension Pin
4	S884	M16 Zinc Nylock Nut
5	F811	Tensioner Pin for E-Series Motor Mount
6	E410	U-Bolt for E-Series Motor Mount
7	M442	E-Series Pulley Guard Bracket
8	L497	M8 x 25mm Zinc Hex Head Bolt
9	0271	M8-1.25 x 20mm Zinc Hex Bolt
10	Z451	E-Series Belt Guard
11	K865	A8.4 Flat Washer
12	F608	M8-1.25 Zinc Hex Nut
13	L111	E-Series Belt Guard Bracket
14	Z251	M12-1.75 Zinc Hex Nut
15	F504	A10.5 Zinc Flat Washer
16	T539	M10 x 25mm Zinc Hex Bolt
17	U161	E-Series Pulley Cover
18	Z591	E-Series Belt Cover Bracket
19	A408	M20 x 60mm Zinc Hex Bolt
20	U746	M20 Zinc Hex Nut
21	K482	E-Series Motor Connection Plate
22	R596	E-Series Belt Tensioner
23	Z251	M12-1.75 Zinc Hex Nut
24	P245	U-Bolt for E-Series Oil Reservoir

Agitation Nozzle Assembly



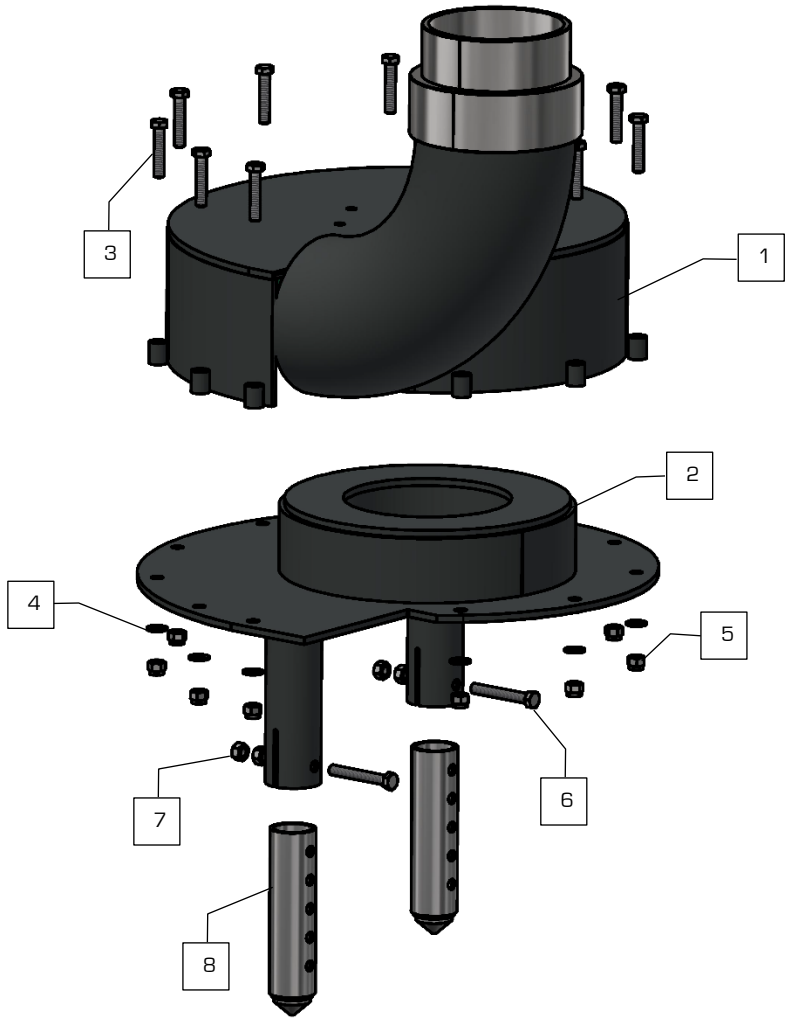
Item #	Part #	Description
1	M260	E-Series Nozzle Cone
2	L616	Clamp for E-Series Nozzle Agitation
3	0501	Nozzle Agitation Hose (E-Series Mix/Classic)
4	S229	E-Series Nozzle Agitation Valve
5	Q207	152.3x160x13.5mm U-Cup Seal

High Pressure Pump Housing Assembly



Item #	Part #	Description
1	N481	E-Series Impeller Housing for High-Pressure Pump
2	B897	8.8 M14-2.0 x 60mm Zinc Hex Bolt
3	C151	Cutting Blade for E-Series High-Pressure Pump
4	G659	Bottom Plate for E-Series High Pressure Pump
5	G216	M14-2.0 Zinc Hex Nut
6	U461	Adjustable Foot for E-Series Bottom Plate
7	J563	DIN 125 - A13 Washer
8	Z251	M12-1.75 Zinc Hex Nut
9	S781	M14 x 100mm SS Hex Bolt

Flush Pump Housing Assembly



Item #	Part #	Description
1	X706	E-Series Impeller Housing for Flush Pump
2	M867	Bottom Plate for E-Series Flush Pump
3	K100	M14 x 70mm Zinc Hex Bolt
4	W666	M14 Zinc F/W
5	G216	M14-2.0 Zinc Hex Nut
6	S781	M14 x 100mm Ss Hex Bolt
7	G216	M14-2.0 Zinc Hex Nut
8	U461	Adjustable Foot for E-Series Bottom Plate

For Technical Support, to order Replacement Parts, or for questions about other products, please contact your local dealer.