

Main Accessories LC 151 Kzero

Minor Spare Part Kit	K9603037
Major Spare Part Kit	K9603037/1
Shock Mounts	Fitted
Inlet Filter	9001018
Inlet Filter Element	1801013
Outlet Filter	9001017
Outlet Filter Element	1801012

PRODUCT DESCRIPTION:

The LC 106 and LC 151 pumps are equipped with:

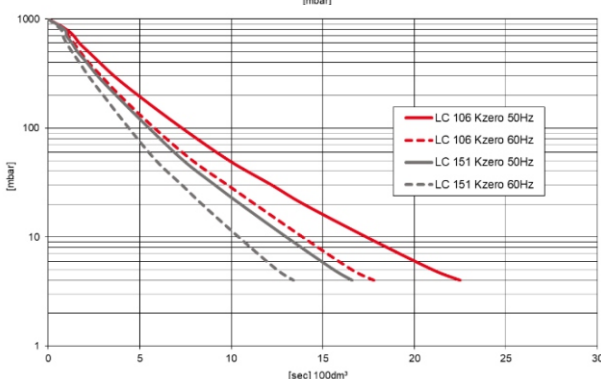
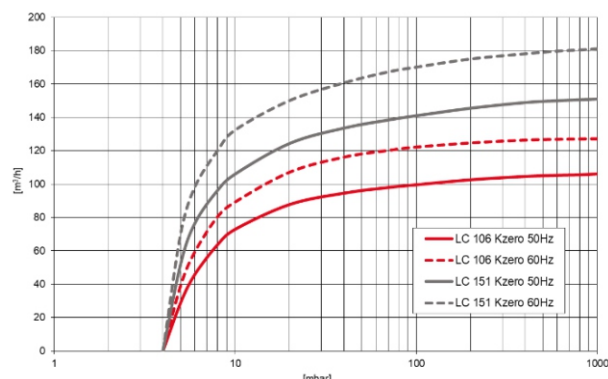
- Oil check valve
- Exhaust mist eliminator
- Automatic floating oil recovery valve
- Shock mounts
- Oil filter with by-pass
- Flexible transmission coupling

The new Kzero series is the best solution to offer lower operating temperature in those sectors where working environments reach temperatures of 40°C or higher. The LC 106 Kzero and LC 151 Kzero lubricated rotary vane vacuum pumps are designed with a totally renovated body pump. The use of the check valve rubber instead of the plate silencer gives greater strength and less deterioration in contact with oil and solvent. The insertion of the fan guarantees heat reduction as well as optimal oil maintenance.

The fixing points, oil filter and exhaust filter are the same as those of the standard models. LC 106 Kzero and LC 151 Kzero are suitable for continuous operation within a pressure range of 400 mbar to 4 mbar (Abs).

MAIN APPLICATION FIELDS:

Electronic transformers drying; centralized medical units; ceramic extruder and degassers; metal washers and metal treatment machines.



NOTE: Graph shows inlet pressure at a temperature of 68°F (tolerance ±10%)

LC 151 Kzero	
Part Number	9603037/SL
Voltage	208-230/460
Nominal Capacity	106.6 CFM
Total Final Pressure (Abs.)	29.80 inHg / 3 Torr
Motor Power	5 HP
Nominal r.p.m.	1700
Noise Level dB(A)	71
Weight	176 Lbs
Oil Type	SW 100
Oil Quantity	2 to 3 Liters
Pump Intake/Outlet	1-1/2" / 1-1/4"
Operating Temperature	230°F - 239°F
Dimensions	29" X 15.5" X 11.5"

Please contact the Manufacturer if environmental conditions are different from those prescribed.

POS	Description	Part Number	QTY	Minor	Major
1	Screw Cylindric Head M4x25	///	3		
2	Screw Cylindric Head M6x20	///	11		
3	Screw Cylindric Head M6x25	0101024	4		
4	Screw Cylindric Head M8x25	///	12		
5	Screw Cylindric Head M5x8	///	4		
6	Screw Cylindric Head M6x150	///	6		
7	Screw Hexagonal Head M4x20	///	3		
8	Screw Hexagonal Head M12x35	///	4		
9	Screw M6x14	///	3		
10	Screw Cylindric Head M6x25	///	1		
11	Nut M4	///	3		
12	Nut M8 Flanged	///	7		
13	Washer Ø8	///	4		
14	Washer Ø12	///	4		
15	Washer SCHNORR Ø4	///	3		
16	Washer SCHNORR Ø6	///	1		
17	Washer 1/8"	0304008 (***)	1		
18	Copper Washer 1/8"	///	2		
19	Stud Bolt M8x25	0402002	4		
20	Eyebolt	0403003	1		
21	Seeger I50	0501003	2		
22	Seeger I40	0501015	1		
23	Cylindric Pin Ø6x20	0601004	4		
24	Cylindric Pin Ø4x32	0601013	1		
25	Key "A" type 8x7x25	0701005	1		
26	Shaft Seal AS-P 30-42-6 FKM	0908004	2		X
27	O-Ring 2015 FKM	1001024	1		X
28	O-Ring 3168 FKM	1001033	1		X
29	O-Ring 3550 FKM	1001060	2		X
30	O-Ring 3268 FKM	1001074	1		X
31	Oil Sight Glass 1"	1105004	1		X
32	Knob 1/4" + O-Ring FKM	1110008	1		
33	Knob 1/2" + O-Ring FKM	1110010	2		
34	Shock Mount	1503001	3		
35	Fan	1602058	1		
36	Inlet Valve Plate	1703028	1		
37	Exhaust Filter	1801063	1	X	X
38	Filter 1/8"	1802008	1		X
39	Filter Bed	1806007	1		X
40	Oil Filter with Bypass Valve	1809001	1	X	X
41	Rubber Coupling	1901008	1		X
42	Shock Mount	1903020	1		
43	Oil Fitting	2106081	2		
44	Electric Motor	2309003 (*)	1		
45	Bearing NU 205 E	2401008	2		

POS	Description	Part Number	QTY	Minor	Major
46	Pump Body	3001172	1		
47	Rotor	3105004	1		
48	Cover	3201048	1		
49	Cover	3201049	1		
50	Vane	3302048	3		X
51	Carter Extension	3703063	1		
52	Fan Cover	3704010	1		
53	Coupling	3801032	1		
54	Coupling	3801033	1		
55	Special Washer	4001052	1		
56	Special Screw	4101017	1		
57	Spacer Cover	4201031	1		
58	Motor Flange	4302037	1		
59	Inlet Filter	4503026	1		X
60	Inlet Filter	4503028	1		
61	Rubber Check Valve Bracket	4505012	3		
62	Rubber Check Valve	4505034	3		X
63	Inlet Port	4508070	1		
64	Exhaust Valve Body	4601033	3		
65	Protection Grid	4602049	1		
66	Spring	4701034	1		X
67	Spring	4701040	1		X
68	Support Bracket	4801050	3		
69	Exhaust Filter Pin	4803029	1		
70	Bearing IR 25-30-12.5	4810009	2		
71	Gasket	4901074	1		X
72	Gasket	4901075	2		X
73	Gasket	4901076	1		X
74	Gasket	4901078	2	X****	X
75	Oil Pipe	5003059	1		
76	Oil Tank Cover	5202061	1		
77	Cover	5202062	1		
78	Cover	5202107	1		
79	Cover	5202108	1		
80	Oil Tank	5202110	1		
81	Gas Ballast Valve 1/8" x Ø1	9007031	1		
82	Oil Recovery Valve	9007034 (**)	1		
83	Electric Level Switch	9013002	1		

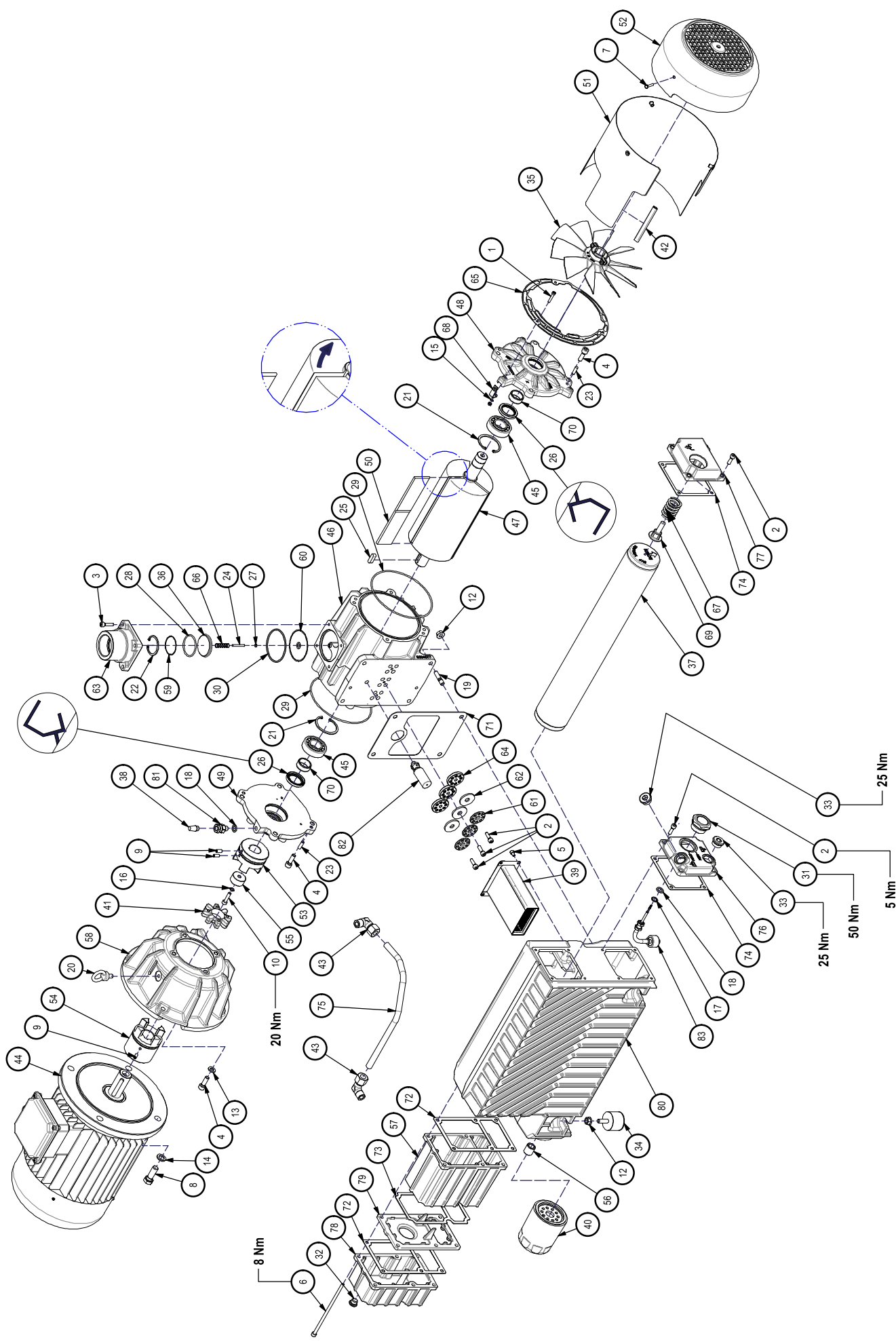
* DEPENDING ON THE OPERATING VOLTAGE OF THE ELECTRIC MOTOR THE TECHNICAL CODE MAY CHANGE

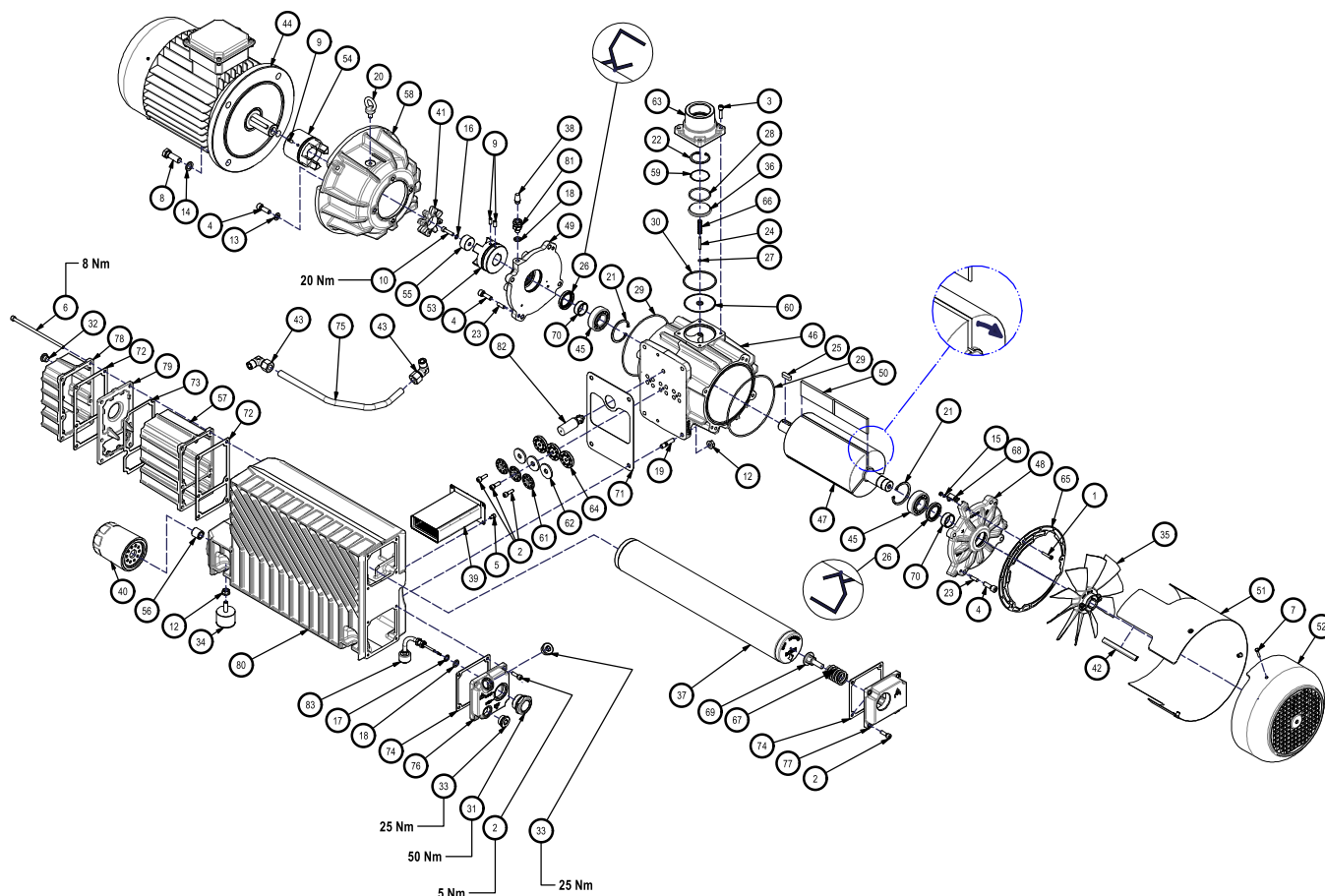
** FOR PFPE VERSIONS USE OIL RECOVERY VALVE PART NUMBER 9007035

*** ON DEMAND

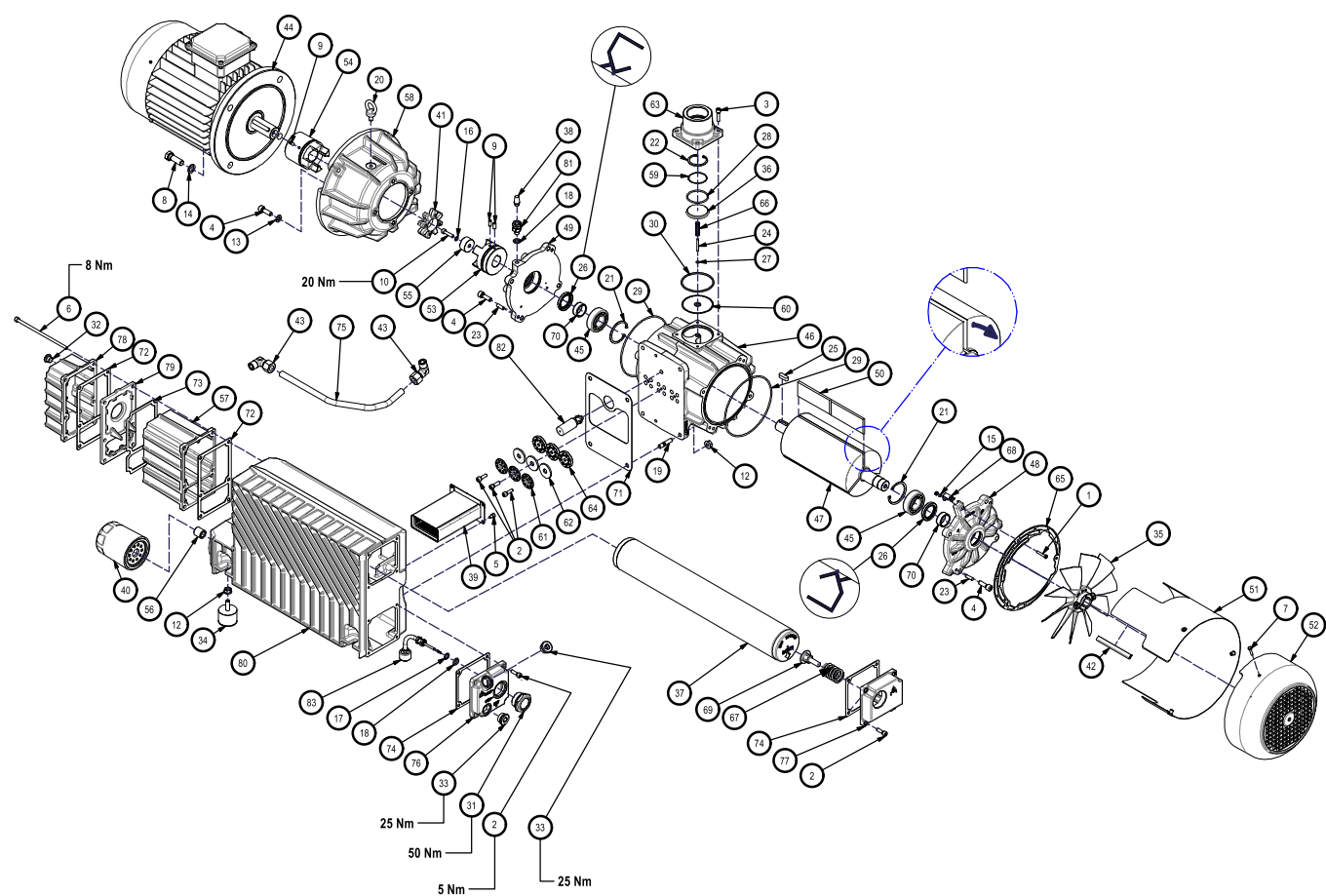
**** ONLY ONE GASKET IS INCLUDED IN THIS KIT

/// NOT AVAILABLE AS A SPARE PART





POS	Description	Part Number	QTY
26	Shaft Seal AS-P 30-42-6 FKM	0908004	2
27	O-Ring 2015 FKM	1001024	1
28	O-Ring 3168 FKM	1001033	1
29	O-Ring 3550 FKM	1001060	2
30	O-Ring 3268 FKM	1001074	1
31	Oil Sight Glass 1"	1105004	1
37	Exhaust Filter	1801063	1
38	Filter 1/8"	1802008	1
40	Oil Filter with Bypass Valve	1809001	1
41	Rubber Coupling	1901008	1
50	Vane	3302048	3
59	Inlet Filter	4503026	1
62	Rubber Check Valve	4505034	3
66	Spring	4701034	1
67	Spring	4701040	1
71	Gasket	4901074	1
72	Gasket	4901075	2
73	Gasket	4901076	1
74	Gasket	4901078	2



POS	Description	Part Number	QTY
26	Exhaust Filter	1801063	1
40	Oil Filter with Bypass Valve	1809001	1
74	Gasket	4901078	1