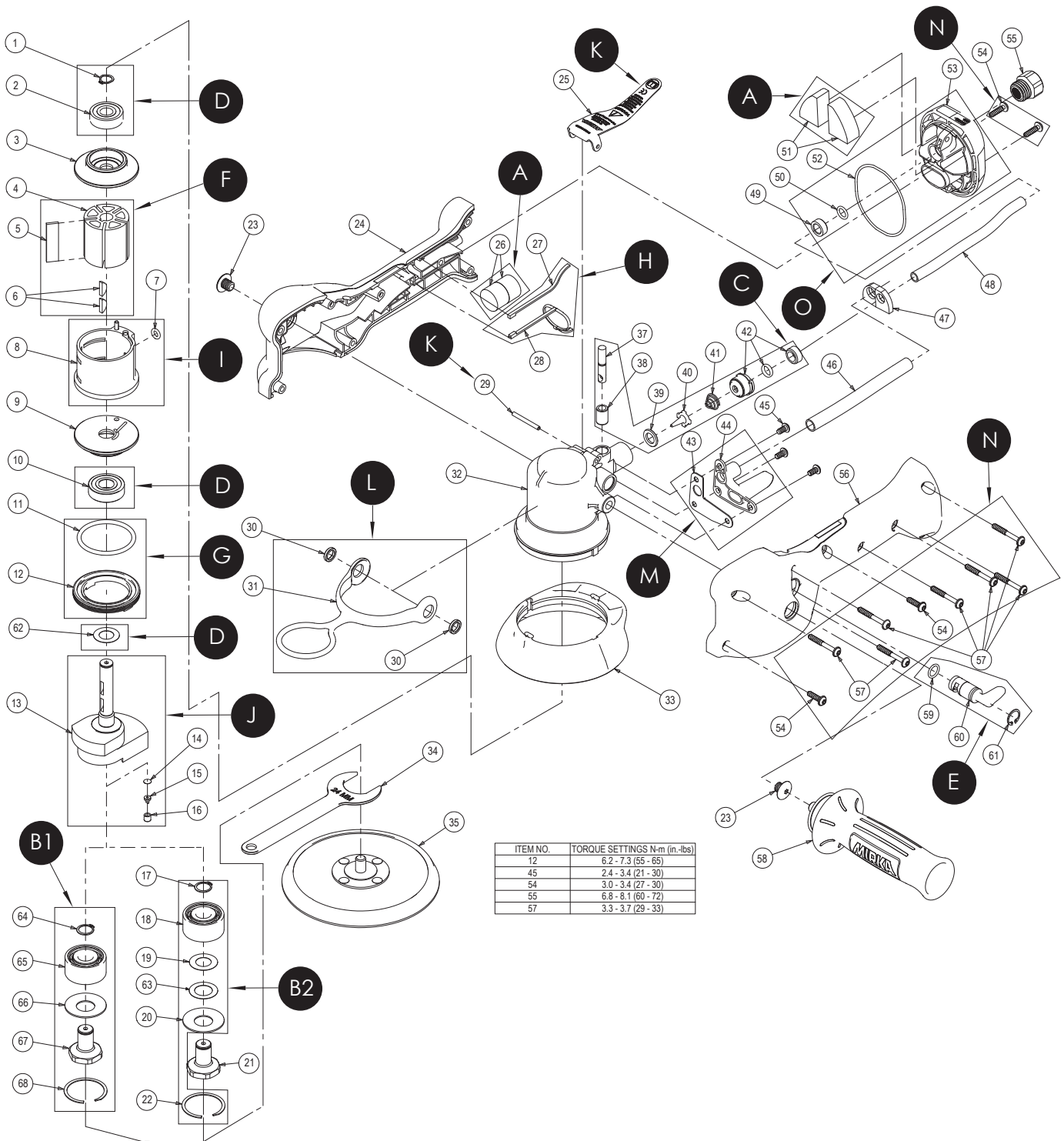




# Exploded view of ROP2, 77 mm & 125 mm

Updated 11.03.2022



ITEM NO.	TORQUE SETTINGS N·m (in.·lbs)
12	6.2 - 7.3 (55 - 65)
45	2.4 - 3.4 (21 - 30)
54	3.0 - 3.4 (27 - 30)
55	6.8 - 8.1 (60 - 72)
57	3.3 - 3.7 (29 - 33)

## ROP2 77 & 125 mm Spare Part kits

**Note!** Repairs done by non-authorized repairer will breach the Mirka warranty.

Mirka Code	Item	Description	Kit	QTY	Part No
8994226011		<b>Muffler kit (CV &amp; NV)</b>			MPA2348
	26	Muffler Insert	A	2	MPA0068
	51	Muffler (CV & NV)		2	MPA0776
MIE3521411		<b>Spindle Bearing kit for 77mm</b>			
	64	Retaining Ring	B1	1	
	65	Bearing		1	
	66	Belleville Washer		1	
	67	Spindle 77 mm		1	
	68	Retaining Ring		1	
8994021811		<b>Bearing kit for 125 mm</b>			
	17	Retaining Ring	B2	1	MPA0090
	18	Double Row Bearing		1	MPA0751
	19	Spacer		1	MPA1767
	20	Belleville Washer		1	MPA1024
	22	Retaining Ring		1	MPA1025
	63	Dust Shield		1	MPA2540
8994024011		<b>Air Inlet kit</b>			
	37	Valve Stem Assembly	C	1	MPA0655
	38	Valve Sleeve		1	MPA0015
	39	Valve Seat		1	MPA0009
	40	Valve		1	MPA0007
	41	Valve Spring		1	MPA0014
	42	Airline Seal Assembly		1	MPA0730
8993019811		<b>Endplate Bearing kit</b>			
	1	Retaining Ring	D	1	MPA0040
	2	Bearing		1	MPA0021
	10	Bearing		1	MPA0019
	62	Dust Shield		1	MPA2541
8994025511		<b>Speed Valve kit</b>			
	59	O-Ring	E	1	MPA0043
	60	Speed Valve		1	MPB0183
	61	Retaining Ring		1	MPA0039
8994020611		<b>Rotor, Vanes and Key kit</b>			
	4	Rotor	F	1	MPB0118
	5	Vanes		5	MPA0445
	6	Key		2	MPA0041
8993007911		<b>Lock Ring and O-Ring kit</b>			
	11	O-Ring 39.4 x 3.1 mm	G	1	MPA0045
	12	Lock Ring		1	MPA0001
8994012911		<b>Housing Seal kit</b>			
	27	Top Housing Seal	H	1	MPA1218
	28	Lower Housing Seal (to be modified from MPB0290 seal) - (NV)		1	MPA1255

## ROP2 77 & 125 mm Spare Part kits

Mirka Code	Item	Description	Kit	QTY	Part No
8994020411		<b>Cylinder and O-Ring kit</b>			MPA2593
	7	O-Ring 5 x 2 mm	I	1	MPA0042
	8	Cylinder		1	MPA0441
8994221311		<b>Shaft Balancer kit 77 mm/12,0</b>			MPA2922
	13	Shaft Balancer 77 x 12.0 mm (3 x 1/2 In.)		1	MPB0203
	14	Filter	J	1	MPA0122
	15	Check Valve		1	MPA0121
	16	Retainer		1	MPA0120
8994221411		<b>Shaft Balancer kit 125 mm/12,0</b>			MPA3089
	13	Shaft Balancer 125 x 12 mm (5 x 1/2 In.)		1	MPC0381
	14	Filter	J	1	MPA0122
	15	Check Valve		1	MPA0121
	16	Retainer		1	MPA0120
8994222511		<b>Lever kit 12,0 mm</b>			MPA3099
	25	Lever 12.0 mm (1/2 In.)	K	1	MPA2073
	29	Cylinder Spring Pin		1	MPA0004
8994023111		<b>Hanger and Spacer Ring kit</b>			MPA2832
	30	Spacer Ring	L	2	MPA1865
	31	Hanger - Black		1	MPB0420
8994244311		<b>Exhaust Nozzle and Gasket kit - (CV &amp; NV)</b>			MPA2924
	43	Exhaust Gasket	M	1	MPA0500
	44	Exhaust Nozzle - (CV & NV)		1	MPB0182
8994025311		<b>Housing Screw kit</b>			MPA2928
	54	Screw	N	4	MPA1398
	57	Screw		7	MPA1430
8994225311		<b>End Cap kit - (NV)</b>			MPA2926
	49	Inlet Captive Ring		1	MPA0510
	50	O-Ring	O	1	MPA0509
	52	O-Ring (CV & NV)		1	MPA0628
	53	Exhaust End Cap Assembly - (NV)		1	MPA0731

Separate spare parts on next page.

## ROP2 77 & 125 mm Spare Parts

Mirka Code	Item	Description	Kit	QTY	Part No
	1	Retaining Ring	D	1	MPA0040
	2	Bearing	D	1	MPA0021
<b>8993009311</b>	3	<b>Rear Endplate</b>		1	MPB0017
	4	Rotor	F	1	MPB0118
	5	Vanes	F	5	MPA0445
	6	Key	F	2	MPA0041
<b>8993008211</b>	7	<b>O-Ring 5 x 2 mm</b>	I	1	MPA0042
	8	Cylinder	I	1	MPA0441
<b>8993009411</b>	9	<b>Front Endplate</b>		1	MPB0016
	10	Bearing	D	1	MPA0019
	11	O-Ring	G	1	MPA0045
	12	Lock Ring	G	1	MPA0001
	13	Shaft Balancer 77 x 12 mm (3 x 1/2 In.)	J	1	MPB0203
	13	Shaft Balancer 125 x 12 mm (5 x 1/2 In.)	J	1	MPC0381
	14	Filter	J	1	MPA0122
	15	Check Valve	J	1	MPA0121
	16	Retainer	J	1	MPA0120
	17	Retaining Ring	B2	1	MPA0090
	18	Double Row Bearing	B2	1	MPA0751
	19	Spacer	B2	1	MPA1767
	20	Belleville Washer	B2	1	MPA1024
<b>8994012111</b>	21	<b>Spindle 125 mm</b>		1	MPB0208
	22	Retaining Ring	B2	1	MPA1025
<b>8994602511</b>	23	<b>Threaded Plug</b>		2	MPA1711
<b>8994213111</b>	24	<b>Housing RH</b>		1	MPB0401
	25	Lever 12.0 mm (1/2 In.)	K	1	MPA2073
	26	Muffler Insert	A	2	MPA0068
	27	Top Housing Seal	H	1	MPA1218
	28	Lower Housing Seal (to be modified from MPB0290 seal) - (NV)	H	1	MPA1255
	29	Cylinder Spring Pin	K	1	MPA0004
	30	Spacer Ring	L	2	MPA1865
	31	Hanger - Black	L	1	MPB0420
<b>8994013311</b>	32	<b>Motor Housing</b>		1	MPB0356
<b>8994014811</b>	33	<b>Shroud 77 mm (3 In.)</b>		1	MPC0228
<b>8994213311</b>	33	<b>Shroud 125 mm (5 In.)</b>		1	MPA2080
<b>8993008012</b>	34	<b>Pad Wrench 17 mm (supplied with each 77 mm (3 In.) tool)</b>		1	MPA0146
<b>8995604121</b>	34	<b>Pad Wrench 24mm (supplied with each 125 mm (5 In.) tool)</b>		1	MPP0412
<b>8294791311</b>	35	<b>Backing Pad 77mm 1/4" Grip Medium</b>		1	
<b>8295191511</b>	35	<b>Backing Pad 125mm 5/16" Grip Medium</b>		1	

## ROP2 77 & 125 mm Spare Parts

Mirka Code	Item	Description	Kit	QTY	Part No
	37	Valve Stem Assembly	C	1	MPA0655
	38	Valve Sleeve	C	1	MPA0015
	39	Valve Seat	C	1	MPA0009
	40	Valve	C	1	MPA0007
	41	Valve Spring	C	1	MPA0014
	42	Airline Seal Assembly	C	1	MPA0730
	43	Exhaust Gasket	M	1	MPA0500
	44	Exhaust Nozzle (CV & NV)	M	1	MPB0182
<b>8994804411</b>	45	<b>Screw</b>		3	MPA0664
<b>8994014511</b>	46	<b>Exhaust Tubing - (CV &amp; NV)</b>		1	MPA0517
<b>8994215711</b>	47	<b>Tubing Clamp - (CV &amp; NV)</b>		1	MPA0516
<b>8994014711</b>	48	<b>Inlet Tubing</b>		1	MPA0511
	49	Inlet Captive Ring	O	1	MPA0510
	50	O-Ring	O	1	MPA0509
	51	Muffler - (CV & NV)	A	2	MPA0776
	52	O-Ring - (CV & NV)	O	1	MPA0628
	53	Exhaust End Cap - (NV)	O	1	MPA0731
	54	Screw	N	4	MPA1398
<b>8993009511</b>	55	<b>Inlet Bushing assembly (1/4-18 Npt)</b>		1	MPA0013
<b>8994216211</b>	56	<b>Housing LH</b>		1	MPB0402
	57	Screw	N	7	MPA1430
<b>8994605011</b>	58	<b>Side Handle - Mirka</b>		1	MPA1981
	59	O-Ring	E	1	MPA0043
	60	Speed Valve	E	1	MPB0183
	61	Retaining Ring	E	1	MPA0039
	62	Dust Shield	D	1	MPA2541
	63	Dust Shield	B2	1	MPA2540
	64	Retaining Ring	B1	1	
	65	Bearing	B1	1	
	66	Belleville Washer	B1	1	
	67	Spindle 77 mm	B1	1	
	68	Retaining Ring	B1	1	