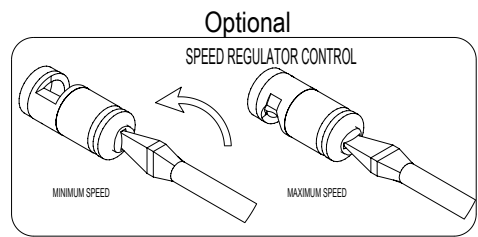
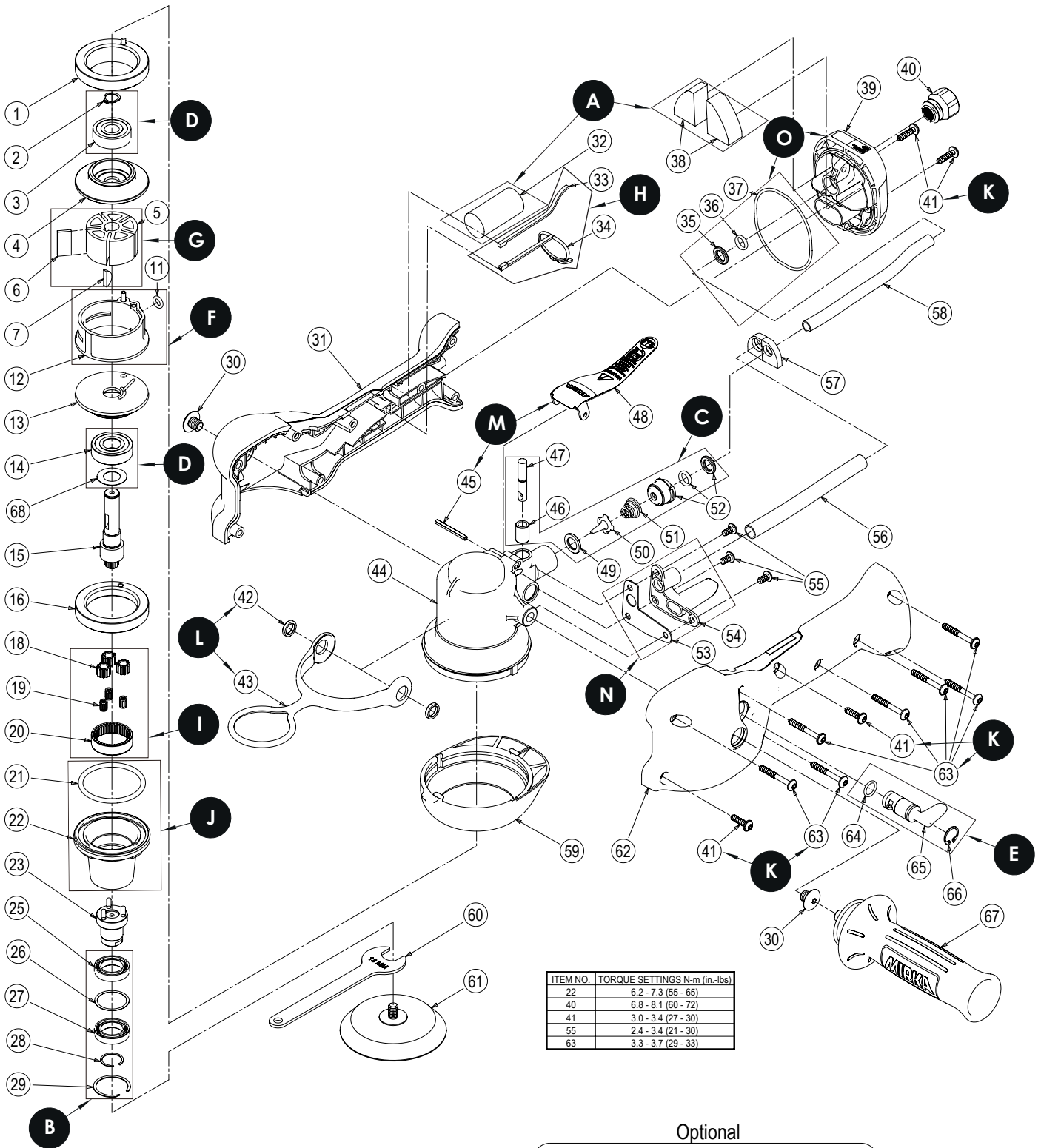


# Exploded view of RP2 300NV, 77 mm

Updated 26.08.2021



## RP2 300NV 77 mm Spare Part kits

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

Mirka Code	Item	Description	Kit	QTY	Part No
8994026011		<b>Muffler kit</b>			MPA2214
	32	Muffler Insert	A	1	MPA0032
	38	Muffler (NV & CV)		2	MPA0776
8994222711		<b>Spindle Bearing kit</b>			MPA2226
	25	Bearing	B	1	MPA0147
	26	Spacer		1	MPA0213
	27	Bearing		1	MPA0148
	28	Retaining Ring		1	MPA0110
	29	Retaining Ring		1	MPA0117
8994024011		<b>Air Inlet kit</b>			MPA2216
	46	Valve Sleeve	C	1	MPA0015
	47	Valve Stem Assembly		1	MPA0655
	49	Valve Seat		1	MPA0009
	50	Valve		1	MPA0007
	51	Valve Spring		1	MPA0014
	52	Airline Seal Assembly		1	MPA0730
8993019811		<b>Endplate Bearing kit</b>			MPA0799
	2	Retaining Ring	D	1	MPA0040
	3	Bearing		1	MPA0021
	14	Bearing		1	MPA0019
	68	Dust Shield		1	MPA2542
8994025511		<b>Speed Valve kit</b>			MPA2218
	64	O-Ring	E	1	MPA0043
	65	Speed Valve		1	MPB0183
	66	Retaining Ring		1	MPA0039
8993009211		<b>Cylinder And O-Ring kit</b>			MPA0994
	11	O-Ring	F	1	MPA0042
	12	Cylinder assembly		1	MPA0005
8993017711		<b>Rotor, Vanes And Key kit</b>			MPA0801
	5	Rotor	G	1	MPB0005
	6	Vane		5	MPA0010
	7	Key		1	MPA0041
8994012911		<b>Housing Seal kit</b>			MPA2531
	33	Top Housing Seal	H	1	MPA1218
	34	NV Lower Housing Seal ( To Be Modified From Mpb Motor Seal)		1	MPA1255
8994221811		<b>Planet Gear kit</b>			MPA2930
	18	Planet Gear Kit	I	3	MPA2636
	19	Needle Bearing Kit		3	MPA2638
	20	Ring Gear		1	MPA0151
8994242211		<b>Spindle Housing And O-Ring kit</b>			MPA2901
	21	O-Ring	J	1	MPA0045
	22	Spindle Housing		1	MPB0060
8994025311		<b>Housing Screw kit</b>			MPA2928
	41	Screws, black	K	4	MPA1398
	63	Screws, black		7	MPA1430

## RP2 300NV 77 mm Spare Part kits

Mirka Code	Item	Description	Kit	QTY	Part No
<b>8994023111</b>		<b>Hanger And Spacer Ring kit</b>			MPA2832
	42	Spacer Ring	<b>L</b>	2	MPA1865
	43	Hanger - Black		1	MPB0420
<b>8994244811</b>		<b>Lever Kit - 3000 rpm</b>			MPA2903
	45	Cylinder Spring Pin	<b>M</b>	1	MPA0004
	48	Lever		1	MPA2070
<b>8994244311</b>		<b>Exhaust Nozzle And Gasket Kit (NV &amp; CV)</b>			MPA2924
	53	Exhaust Gasket	<b>N</b>	1	MPA0500
	54	NV/CV Exhaust Nozzle (NV & CV)		1	MPB0182
<b>8994225311</b>		<b>End Cap Kit (NV)</b>			MPA2926
	35	Inlet Captive Ring		1	MPA0510
	36	O-Ring	<b>O</b>	1	MPA0509
	37	O-Ring		1	MPA0628
	39	Inlet/Exhaust End Cap Assembly (NV)		1	MPA0731

Separate spare parts on next page.

## RP2 300NV 77 mm Spare Parts

Mirka code	Item	Description	Kit	QTY	Part No
<b>8994210111</b>	1	<b>Motor Spacer assembly</b>		1	MPA1297
	2	Retaining Ring	<b>D</b>	1	MPA0040
	3	Bearing	<b>D</b>	1	MPA0021
<b>8993009311</b>	4	<b>Rear Endplate</b>		1	MPB0017
	5	Rotor	<b>G</b>	1	MPB0005
	6	Vanes	<b>G</b>	5	MPA0010
	7	Key	<b>G</b>	2	MPA0041
<b>8993008211</b>	11	<b>O-Ring</b>	<b>F</b>	1	MPA0042
	12	Cylinder assembly	<b>F</b>	1	MPA0005
<b>8993009411</b>	13	<b>Front Endplate</b>		1	MPB0016
	14	Bearing	<b>D</b>	1	MPA0019
<b>8994241511</b>	15	<b>Motor Shaft assembly</b>		1	MPA1299
<b>8994241611</b>	16	<b>Motor Spacer</b>		1	MPA1295
<b>8994241811</b>	18	<b>Planet Gear Kit</b>	<b>I</b>	3	MPA2636
<b>8994241911</b>	19	<b>Needle Bearing Kit</b>	<b>I</b>	3	MPA2638
<b>8994242011</b>	20	<b>Ring Gear</b>	<b>I</b>	1	MPA0151
	21	O-Ring	<b>J</b>	1	MPA0045
	22	Spindle Housing	<b>J</b>	1	MPB0060
<b>8994242411</b>	23	<b>Planetary Spindle Assembly 1/4-20 UNC-2B</b>		1	MPA0456
	25	Bearing	<b>B</b>	1	MPA0147
	26	Spacer	<b>B</b>	1	MPA0213
	27	Bearing	<b>B</b>	1	MPA0148
	28	Retaining Ring	<b>B</b>	1	MPA0110
	29	Retaining Ring	<b>B</b>	1	MPA0117
<b>8994602511</b>	30	<b>Threaded Plug</b>		2	MPA1711
<b>8994213111</b>	31	<b>Housing RH</b>		1	MPB0401
	32	Muffler Insert	<b>A</b>	1	MPA0032
	33	Top Housing Seal	<b>H</b>	1	MPA1218
	34	NV Lower Housing Seal ( To Be Modified From Mpb Motor Seal)	<b>H</b>	1	MPA1255
	35	Inlet Captive Ring	<b>O</b>	1	MPA0510
	36	O-Ring	<b>O</b>	1	MPA0509
	37	O-Ring (NV & CV)	<b>O</b>	1	MPA0628
	38	Muffler (NV & CV)	<b>A</b>	2	MPA0776
8994213911	39	Inlet/Exhaust End Cap Assembly (NV)	<b>O</b>	1	MPA0731
<b>8993009511</b>	40	<b>Inlet Bushing Assembly (1/4-18 NPT)</b>		1	MPA0013

## RP2 300NV 77 mm Spare Parts

Mirka code	Item	Description	Kit	QTY	Part No
	41	Screws, black	K	4	MPA1398
	42	Spacer Ring	L	2	MPA1865
	43	Hanger - Black	L	1	MPB0420
<b>8994013311</b>	<b>44</b>	<b>Motor Housing</b>		1	MPB0356
	45	Cylinder Spring Pin	M	1	MPA0004
	46	Valve Sleeve	C	1	MPA0015
	47	Valve Stem Assembly	C	1	MPA0655
	48	Lever	M	1	MPA2070
	49	Valve Seat	C	1	MPA0009
	50	Valve	C	1	MPA0007
	51	Valve Spring	C	1	MPA0014
	52	Airline Seal Assembly	C	1	MPA0730
	53	Exhaust Gasket	N	1	MPA0500
	54	NV/CV Exhaust Nozzle (NV + CV machines)	N	1	MPB0182
<b>8994804411</b>	<b>55</b>	<b>Screw</b>		3	MPA0664
<b>8994014511</b>	<b>56</b>	<b>Exhaust Tubing (NV &amp; CV)</b>		1	MPA0517
<b>8994215711</b>	<b>57</b>	<b>Tubing Clamp (NV &amp; CV)</b>		1	MPA0516
<b>8994014711</b>	<b>58</b>	<b>Inlet Tubing</b>		1	MPA0511
<b>8994014811</b>	<b>59</b>	<b>Shroud</b>		1	MPC0228
<b>8994008011</b>	<b>60</b>	<b>Pad Wrench 13 mm</b>		1	MPA0145
<b>8294791311</b>	<b>61</b>	<b>Backing Pad 77mm 1/4" Grip Medium</b>		1	
<b>8994216211</b>	<b>62</b>	<b>Housing LH</b>		1	MPB0402
	63	Screws, black	K	7	MPA1430
	64	O-Ring	E	1	MPA0043
	65	Speed Valve	E	1	MPB0183
	66	Retaining Ring	E	1	MPA0039
<b>8994605011</b>	<b>67</b>	<b>Side Handle - Mirka</b>		1	MPA1981
	68	Dust Shield	D	1	MPA2542