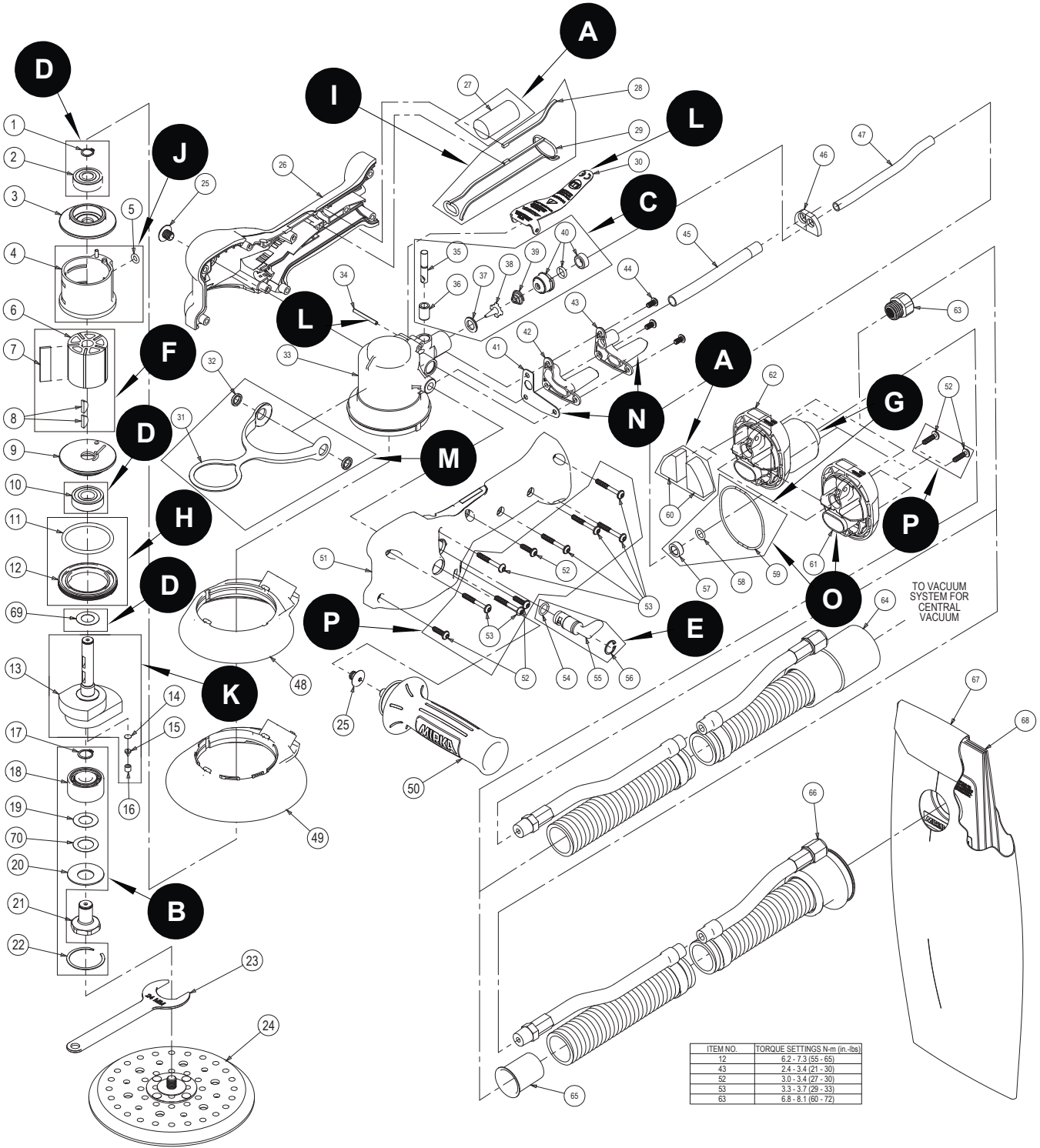


Exploded view of ROS2, 125 mm & 150 mm

Updated 11.07.2022



ITEM NO.	TORQUE SETTINGS N-m (in.-lbs)
12	6.2 - 7.3 (55 - 65)
43	2.4 - 3.4 (21 - 30)
52	3.0 - 3.4 (27 - 30)
53	3.3 - 3.7 (29 - 33)
63	6.8 - 8.1 (60 - 72)

ROS2, 125 & 150 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		Muffler kit (CV & NV)			MPA2214
	27	Muffler Insert	A	1	MPA0032
	60	Muffler (CV & NV)		2	MPA0776
8994021811		Bearing kit			MPA2186
	17	Retaining Ring	B	1	MPA0090
	18	Double Row Bearing		1	MPA0751
	19	Spacer		1	MPA1767
	20	Belleville Washer		1	MPA1024
	22	Retaining Ring		1	MPA1025
	70	Dust Shield		1	MPA2540
8994024011		Air Inlet kit			
	35	Valve Stem Assembly	C	1	MPA0655
	36	Valve Sleeve		1	MPA0015
	37	Valve Seat		1	MPA0009
	38	Valve		1	MPA0007
	39	Valve Spring		1	MPA0014
	40	Airline Seal Assembly		1	MPA0730
8993019811		Endplate Bearing kit			
	1	Retaining Ring	D	1	MPA0040
	2	Bearing		1	MPA0021
	10	Bearing		1	MPA0019
	69	Dust Shield		1	MPA2541
8994025511		Speed Valve kit			
	54	O-Ring 9x1.5 mm	E	1	MPA0043
	55	Speed Valve		1	MPB0183
	56	Retaining Ring		1	MPA0039
8994020611		Rotor, Vanes and Key kit			
	6	Rotor	F	1	MPB0118
	7	Vanes		5	MPA0445
	8	Key		2	MPA0041
8994026711		Vacuum Endcap kit - (CV & DB)			
	57	Inlet Captive Ring	G	1	MPA0510
	58	O-Ring		1	MPA0509
	59	O-Ring (CV & NV)		1	MPA0628
	62	Inlet/Exhaust End Cap assembly (CV & DB)		1	MPA1294
8993007911		Lock Ring and O-Ring kit			
	11	O-Ring 39.4 x 3.1 mm	H	1	MPA0045
	12	Lock Ring		1	MPA0001
8994012911		Housing Seal kit			
	28	Top Housing Seal	I	1	MPA1218
	29	Motor Housing Seal		1	MPB0290
8994020411		Cylinder and O-Ring kit			
	4	Cylinder	J	1	MPA0441
	5	O-Ring 5 x 2 mm		1	MPA0042

ROS2, 125 & 150 mm Spare Part kits

Mirka Code	Item	Description	Kit	QTY	Part No
8994551311		Shaft Balancer 125 mm/5,0 kit			MPA2505
	13	Shaft Balancer 125 x 5.0 mm (5 x 3/16 In.)		1	MPB0207
	14	Filter	K	1	MPA0122
	15	Check Valve		1	MPA0121
	16	Retainer		1	MPA0120
8994511311		Shaft Balancer 125 mm/10,0 kit			MPA2945
	13	Shaft Balancer 125 x 10 mm (5 x 3/8 In.)		1	MPB0189
	14	Filter	K	1	MPA0122
	15	Check Valve		1	MPA0121
	16	Retainer		1	MPA0120
8994651311		Shaft Balancer 150 mm/5,0 kit			MPA3337
	13	Shaft Balancer 150 x 5.0 mm (6 x 3/16 In.)		1	MPB0187
	14	Filter	K	1	MPA0122
	15	Check Valve		1	MPA0121
	16	Retainer		1	MPA0120
8994611311		Shaft Balancer 150 mm/10,0 kit			MPA2572
	13	Shaft Balancer 150 x 10 mm (6 x 3/8 In.)		1	MPB0188
	14	Filter	K	1	MPA0122
	15	Check Valve		1	MPA0121
	16	Retainer		1	MPA0120
8994023011		Lever kit 5,0 mm			MPA2834
	30	Lever 5.0 mm (3/16 In.)	L	1	MPA2068
	34	Cylinder Spring Pin		1	MPA0004
8994033011		Lever kit 10,0 mm			MPA2737
	30	Lever 10.0 mm (3/8 In.)	L	1	MPA2069
	34	Cylinder Spring Pin		1	MPA0004
8994023111		Hanger and Spacer Ring kit			MPA2832
	31	Hanger - Black	M	1	MPB0420
	32	Spacer Ring		2	MPA1865
8994244311		Exhaust Nozzle and Gasket kit - (CV & NV)			MPA2924
	41	Exhaust Gasket	N	1	MPA0500
	43	Exhaust Nozzle - (CV & NV)		1	MPB0182
8994225311		End Cap kit - (NV)			MPA2926
	57	Inlet Captive Ring		1	MPA0510
	58	O-Ring	O	1	MPA0509
	59	O-Ring (CV & NV)		1	MPA0628
	61	Exhaust End Cap - (NV)		1	MPA0731
8994025311		Housing Screw kit			MPA2928
	52	Screw	P	5	MPA1398
	53	Screw		7	MPA1430

Separate spare parts on next page.

ROS2, 125 & 150 mm Spare Parts

Mirka Code	Item	Description	Kit	QTY	Part No
	1	Retaining Ring	D	1	MPA0040
	2	Bearing	D	1	MPA0021
8993009311	3	Rear Endplate		1	MPB0017
	4	Cylinder	J	1	MPA0441
8993008211	5	O-Ring 5 x 2 mm	J	1	MPA0042
	6	Rotor	F	1	MPB0118
	7	Vanes	F	5	MPA0445
	8	Key	F	2	MPA0041
8993009411	9	Front Endplate		1	MPB0016
	10	Bearing	D	1	MPA0019
	11	O-Ring 39.4 x 3.1 mm	H	1	MPA0045
	12	Lock Ring	H	1	MPA0001
	13	Shaft Balancer 125 x 5.0 mm (5 x 3/16 In.)	K	1	MPB0207
	13	Shaft Balancer 125 x 10 mm (5 x 3/8 In.)	K	1	MPB0189
	13	Shaft Balancer 150 x 5.0 mm (6 x 3/16 In.)	K	1	MPB0187
	13	Shaft Balancer 150 x 10 mm (6 x 3/8 In.)	K	1	MPB0188
	14	Filter	K	1	MPA0122
	15	Check Valve	K	1	MPA0121
	16	Retainer	K	1	MPA0120
	17	Retaining Ring	B	1	MPA0090
	18	Double Row Bearing	B	1	MPA0751
	19	Spacer	B	1	MPA1767
	20	Belleville Washer	B	1	MPA1024
8994012111	21	Spindle		1	MPB0208
	22	Retaining Ring	B	1	MPA1025
8995604121	23	Pad Wrench 24 mm		1	MPP0412
8292605011	24	Backing Pad Net 150mm 5/16" Grip 48H Medium		1	
8292502011	24	Backing Pad Net 125mm 5/16" Grip 28H Medium		1	
8295297111	24	Backing Pad 150mm 5/16" Grip Medium		1	
8295191511	24	Backing Pad 125mm 5/16" Grip Medium		1	
8994602511	25	Threaded Plug		2	MPA1711
8994012611	26	Housing RH		1	MPB0393
	27	Muffler Insert	A	1	MPA0032
	28	Top Housing Seal	I	1	MPA1218
	29	Motor Housing Seal	I	1	MPB0290
	30	Lever 5.0 mm (3/16 In.)	L	1	MPA2068
	30	Lever 10.0 mm (3/8 In.)	L	1	MPA2069
	31	Hanger - Black	M	1	MPB0420
	32	Spacer Ring	M	2	MPA1865
8994013311	33	Motor Housing		1	MPB0356
	34	Cylinder Spring Pin	L	1	MPA0004
	35	Valve Stem Assembly	C	1	MPA0655
	36	Valve Sleeve	C	1	MPA0015
	37	Valve Seat	C	1	MPA0009
	38	Valve	C	1	MPA0007
	39	Valve Spring	C	1	MPA0014
	40	Airline Seal Assembly	C	1	MPA0730
	41	Exhaust Gasket	N	1	MPA0500

ROS2, 125 & 150 mm Spare Parts

Mirka Code	Item	Description	Kit	QTY	Part No
8994014211	42	Exhaust Nozzle - (DB)		1	MPB0181
	43	Exhaust Nozzle - (CV & NV)	N	1	MPB0182
8994804411	44	Screw		3	MPA0664
8994014511	45	Exhaust Tubing - (CV & NV)		1	MPA0517
8994215711	46	Tubing Clamp - (CV & NV)		1	MPA0516
8994014711	47	Inlet Tubing		1	MPA0511
8994604811	48	Shroud 125/150 mm (5/6 In.) - (NV)		1	MPC0153
8994504911	49	Shroud 125 mm (5 In.) - (CV & DB)		1	MPC0145
8994604911	49	Shroud 150 mm (6 In.) - (CV & DB)		1	MPC0138
8994605011	50	Side Handle		1	MPA1981
8994015111	51	Housing LH		1	MPB0394
	52	Screw	P	5	MPA1398
	53	Screw	P	7	MPA1430
	54	O-Ring 9x1.5 mm	E	1	MPA0043
	55	Speed Valve	E	1	MPB0183
	56	Retaining Ring	E	1	MPA0039
	57	Inlet Captive Ring	G,O	1	MPA0510
	58	O-Ring	G,O	1	MPA0509
	59	O-Ring (CV & NV)	G,O	1	MPA0628
	60	Muffler (CV & NV)	A	2	MPA0776
	61	Exhaust End Cap - (NV)	O	1	MPA0731
	62	Inlet/Exhaust End Cap assembly - (CV & DB)	G	1	MPA1294
8993009511	63	Inlet Bushing assembly (1/4-18 NPT)		1	MPA0013
8993039211	64	Hose Ø 28 mm (1 In.) X Ø 38 mm (1½ In.) Friction Fit Adapter & Air Line (Opt. for CV) Included: MPA0034 Ø 28 mm (1 In.) x 1,8 m (6 Ft.) Vacuum Hose, MPB0092 Ø 28 mm (1 In) Hose Thread X Ø 38 mm (1 ½ In) Friction Fit Adapter, MPA0033 Ø 6.3 mm (¼ In) X 1,8 m (6 Ft.) Airline with Fittings, MPA0027 Bungee for Ø 6.3 mm (¼ In.) Air Line & Ø 28 mm (1 In.) Vac. Hose (5)		OPT.	MPA0392
8994016511	65	Hose Seal Ø 28 mm (1 In.) - (DB)		1	MPA0623
8993006711	66	Hose Ø 28 mm (1 in.), Double Bag Fitting & Air Line (Standard for DB) Included: MPA0034 Ø 28 mm (1 In) x 1,8 m (6 Ft) Vacuum Hose, MPB0123 Ø 28 mm (1 In) Hose To Double Bag Vacuum Fitting, MPA0033 Ø 6.3 mm (¼ In) X 1,8 m (6 Ft) Airline with Fittings, MPA0027 Bungee for Ø 6.3 mm (¼ In.) Airline & Ø 28 mm (1 In.) Vacuum Hose (5)		1	MPA0412
8993206511	67	Dustbag Paper		1	MPA0465
8993206011	68	Dustbag Nylon		1	MPA0658
	69	Dust Shield	D	1	MPA2541
	70	Dust Shield	B	1	MPA2540