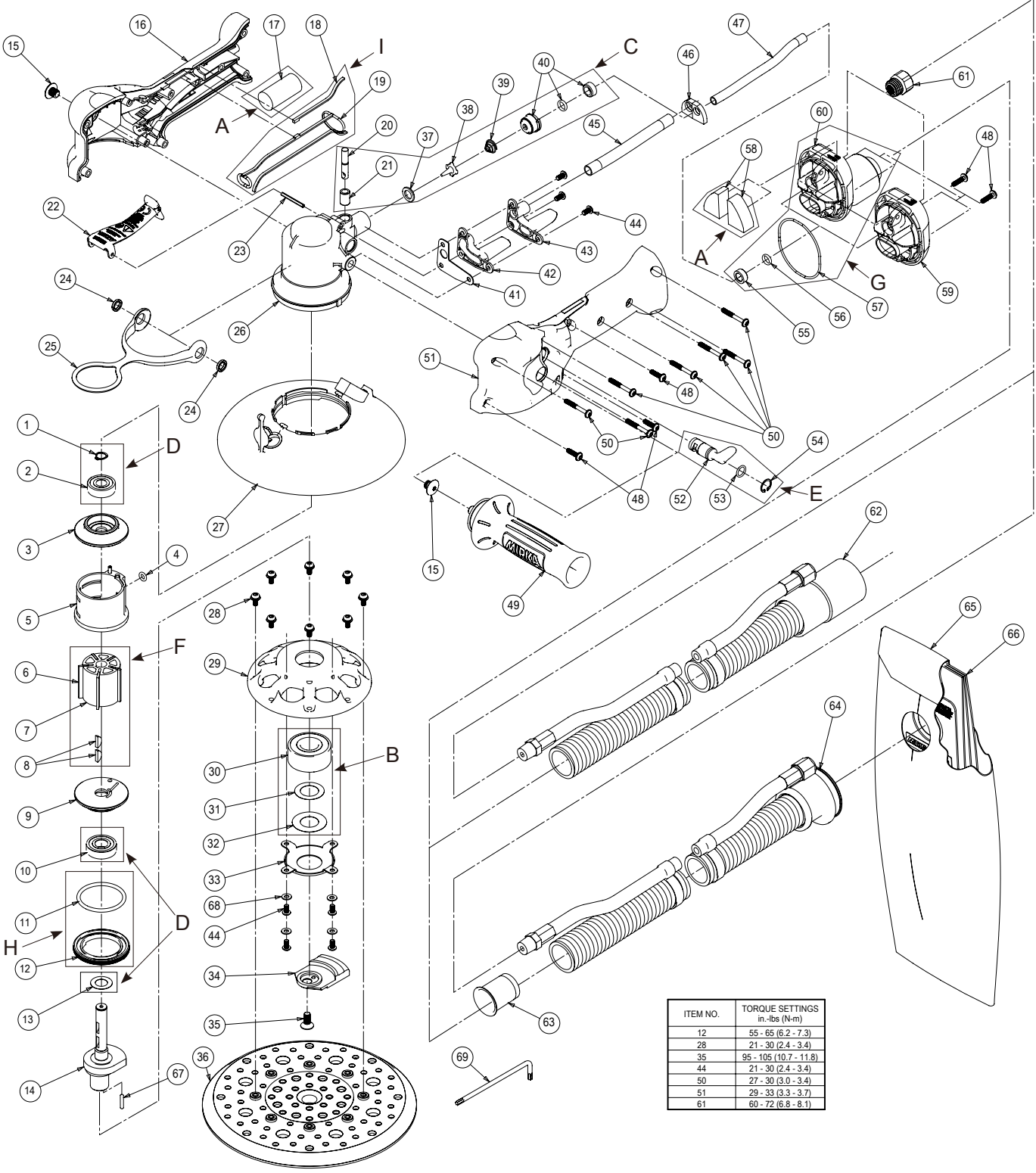




# Exploded view of ROS2 850CV, 200 mm

Updated 13.10.2017



ITEM NO.	TORQUE SETTINGS in.-lbs (N·m)
12	55 - 65 (6.2 - 7.3)
28	21 - 30 (2.4 - 3.4)
35	95 - 105 (10.7 - 11.8)
44	21 - 30 (2.4 - 3.4)
50	27 - 30 (3.0 - 3.4)
51	29 - 33 (3.3 - 3.7)
61	60 - 72 (6.8 - 8.1)

## ROS2 200 mm Kits

Mirka code	Item	Description	Kit	Part No	QTY	
8994026011		<b>Muffler Kit</b>		MPA2214		
	17	Muffler Insert	<b>A</b>	MPA0032	1	
	58	Muffler (NV+CV Machines)		MPA0776	2	
8994823011		<b>Spindle Bearing Kit</b>		MPA2625		
	30	Double Row Bearing	<b>B</b>	MPA2559	1	
	31	Spacer		MPA2560	1	
	32	Spindle Bearing Dust Shield		MPA2581	1	
8994024011		<b>Air Inlet Kit</b>			MPA2216	
	20	Valve Stem Assembly		MPA0655	1	
	21	Valve Sleeve		MPA0015	1	
	37	Valve Seat	<b>C</b>	MPA0009	1	
	38	Valve		MPA0007	1	
	39	Valve Spring		MPA0014	1	
	40	Airline Seal Assembly		MPA0730	1	
8993019811		<b>Endplate Bearing Kit</b>			MPA0799	
	1	External Retaining Ring		<b>D</b>	MPA0040	1
	2	Bearing			MPA0021	1
	10	Bearing	MPA0019		1	
	13	Front Bearing Dust Shield	MPA2541		1	
8994025511		<b>Speed Valve Kit</b>			MPA2218	
	52	Speed Control	<b>E</b>	MPB0183	1	
	53	O-Ring		MPA0043	1	
	54	Internal Retaining Ring		MPA0039	1	
8994020611		<b>Rotor, Vanes And Keys Kit</b>			MPA2220	
	6	Vane	<b>F</b>	MPA0445	5	
	7	Rotor		MPB0118	1	
	8	Key		MPA0041	2	
8994026711		<b>Vacuum Endcap Kit</b>			MPA2222	
	55	Inlet Captive Ring	<b>G</b>	MPA0510	1	
	56	O-Ring		MPA0509	1	
	57	O-Ring (NV+CV)		MPA0628	1	
	60	Inlet/Exhaust End Cap Assembly (DB+CV)		MPA1294	1	
8993007911		<b>Lock Ring And O-Ring Kit</b>			MPA0993	
	11	O-Ring	<b>H</b>	MPA0045	1	
	12	Lock Ring		MPA0001	1	
8994012911	<b>I</b>	<b>Motor Housing Seal Kit</b>			MPA2531	
	18	Top Housing Seal	<b>I</b>	MPA1218	1	
	19	Motor Housing Seal		MPB0290	1	
8994020411		<b>Cylinder And O-Ring Kit</b>			MPA2593	
	4	O-Ring	<b>x</b>	MPA0042	1	
	5	Cylinder Assembly		MPA0441	1	
8994802211		<b>Lever Kit 5,0 mm</b>			MPA2733	
	22	Safety Lever Assembly 5.0 mm (3/16 In.) Orbit		MPA2588	1	
	23	Cylinder Spring Pin		MPA0004	1	
8994023111		<b>Hanger And Spacer Ring Kit</b>		MPA2832		
	24	Spacer Ring	<b>x</b>	MPA1865	2	
	25	Hanger		MPB0420	1	
8994822811		<b>Screw Kit</b>			MPA2734	
	28	Screws	<b>x</b>	MPA2379	8	
8994244311		<b>NV/CV Exhaust Nozzle And Gasket Kit</b>			MPA2924	
	41	Exhaust Gasket	<b>x</b>	MPA0500	1	
	43	NV/CV Exhaust Nozzle (NV+CV)		MPB0182	1	

## ROS2 200 mm Kits

Mirka code	Item	Description	Kit	Part No	QTY
8994821411		Motor and Gear Shaft Kit		MPB0444K	
	14	Motor Shaft	x	MPB0444	1
	67	Gear Shaft		MPA0123	1
8994025311		Housing Screw Kit		MPA2928	
	48	Screws	x	MPA1398	5
	50	Screws		MPA1430	7
8994225311		NV End Cap Kit		MPA2926	
	59	Inlet/Exhaust End Cap Assembly (NV)		MPA0731	1
	55	Inlet Captive Ring	x	MPA0510	1
	56	O-Ring		MPA0509	1
	57	O-Ring (NV+CV)		MPA0628	1

Separate parts on next page

## ROS2 200 mm Spare parts

Mirka code	Item	Description	Kit	Part No	QTY
	1	External Retaining Ring	D	MPA0040	1
	2	Bearing	D	MPA0021	1
<b>8993009311</b>	<b>3</b>	<b>Rear Endplate</b>		MPB0017	1
	4	O-Ring	x	MPA0042	1
	5	Cylinder Assembly	x	MPA0441	1
	6	Vane	F	MPA0445	5
	7	Rotor	F	MPB0118	1
	8	Key	F	MPA0041	2
<b>8993009411</b>	<b>9</b>	<b>Front Endplate</b>		MPB0016	1
	10	Bearing	D	MPA0019	1
	11	O-Ring	H	MPA0045	1
	12	Lock Ring	H	MPA0001	1
	13	Front Bearing Dust Shield		MPA2541	1
	14	Motor Shaft	x	MPB0444	1
8994602511	15	Threaded Plug		MPA1711	2
8994012611	16	RH Housing		MPB0393	1
	17	Muffler Insert	A	MPA0032	1
	18	Top Housing Seal	I	MPA1218	1
	19	Motor Housing Seal	I	MPB0290	1
	20	Valve Stem Assembly	C	MPA0655	1
	21	Valve Sleeve	C	MPA0015	1
	22	Safety Lever Assembly 5.0 mm (3/16 In.) Orbit	x	MPA2588	1
	23	Cylinder Spring Pin	x	MPA0004	1
	24	Spacer Ring	x	MPA1865	2
	25	Hanger	x	MPB0420	1
<b>8994013311</b>	<b>26</b>	<b>Motor Housing</b>		MPB0356	1
8994802711	27	Shroud 8 In. (200mm)		MPD0050	1
	28	Screws	x	MPA2379	8
8994802911	29	8 In. Ros Pad Backing		MPA1902	1
	30	Double Row Bearing	B	MPA2559	1
	31	Spacer	B	MPA2560	1
	32	Spindle Bearing Dust Shield	B	MPA2581	1
8994803311	33	Belleville Retainer		MPA1875	1
8994803411	34	Balancer		MPA1980	1
8993015311	35	Screws		MPA0078	1
<b>8295885111</b>	<b>36</b>	<b>Backing Pad Net 200mm Grip 89H</b>			1
	37	Valve Seat	C	MPA0009	1
	38	Valve	C	MPA0007	1
	39	Valve Spring	C	MPA0014	1
	40	Airline Seal Assembly	C	MPA0730	1
	41	Exhaust Gasket	x	MPA0500	1
8994014211	42	DB Exhaust Nozzle (DB)		MPB0181	1
	43	NV/CV Exhaust Nozzle (NV+CV)	x	MPB0182	1
8994804411	44	Screws		MPA0664	7
8994014511	45	Exhaust Tubing (NC+CV)		MPA0517	1
8994215711	46	Tubing Clamp (NV+CV)		MPA0516	1
8994014711	47	Inlet Tubing		MPA0511	1
	48	Screws	x	MPA1398	5
8994605011	49	Side Handle - Mirka		MPA1981	1
	50	Screws	x	MPA1430	7

## ROS2 200 mm Spare parts

Mirka code	Item	Description	Kit	Part No	QTY
8994015111	51	LH Housing		MPB0394	1
	52	Speed Control	E	MPB0183	1
	53	O-Ring	E	MPA0043	1
	54	Internal Retaining Ring	E	MPA0039	1
	55	Inlet Captive Ring	G, x	MPA0510	1
	56	O-Ring	G, x	MPA0509	1
	57	O-Ring (NV+CV)	G, x	MPA0628	1
	58	Muffler (NV+CV Machines)	A	MPA0776	2
	59	Inlet/Exhaust End Cap Assembly (NV)	x	MPA0731	1
	60	Inlet/Exhaust End Cap Assembly (DB+CV)	G	MPA1294	1
8993009511	61	Inlet Bushing Assembly		MPA0013	1
8993039211	62	Vacuum Hose => Ø 28 mm (1 In.) Ø 28 mm(1 In.)x 38 mm (1 1/2 In.) Adaptor Coupling+Airline Assembly (CV)		MPA0392	1
8994016511	63	Hose Seal Ø 28 mm (1 In.) (DB Machines)		MPA0623	1
<b>8993006711</b>	<b>64</b>	<b>Vacuum Hose To Double Bag Fitting Ø 28 mm (1 In.) And Airline Assembly (DB)</b>		MPA0412	1
<b>8993206011</b>	<b>65</b>	<b>Dustbag Nylon</b>		MPA0658	1
	66	Vacuum Bag Inserts, 10 Pack (DB)		MPA0465	1
	67	Gear Shaft	x	MPA0123	1
8991800411	68	M4 Washer		MPA0076	4
8994816911	69	Torx Wrench T-20		MPA2665	1