3M
St. Paul, Minnesota, USA
1-800-243-4630
7800 Series Full Facepiece
Air Purifying Respirator

TN or AAR# of Previously Approved or Pending Matrix: TN -23986
Exploded View Drawing: 78-8099-8532-4 Rev BT

KEY:

N = NEW PRODUCT
X = EXISTING PRODUCT
R = REDESIGN
P = PENDING
A = ACCESSORY
- = OBSOLETE
U = UPGRADE/RETROFIT KIT

Rev. BT: 07-17-2020

RESPIRATOR COMPONENT ASSEMBLY MATRIX

AAR#	TC-	PROTECTION	MODEL NUMBER	DRAWING NUMBER	REV	DESCRIPTION	COMPONENT	1 ALTERNATE FACEPIECE			2 PLUG	3 ALTERNATE ADAPTER			4 RETAINER	5 ALTERNATE LENS		6 ALTERNATE CARTRIDGE									7 ALTERNATE FILTER										8 ALTERNATE COMBINATION CARTRIDGES AND FILTERS							9 ACCESSORIES								10 USER'S INSTRUCTIONS										
												A	B	C		A	B										B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
			78005mS	78-8124-1840-4	A	FULL FACEPIECE-SM SILICONE [7800SmS]		X	X	X	X	X				X	X	X																																															
			7800MS	78-8124-1847-9	A	FULL FACEPIECE-MED SILICONE [7800MS]		X	X	X	X	X				X	X		X																																														
			7800LS	78-8124-1937-8	A	FULL FACEPIECE-LG SILICONE [7800LS]		X	X	X	X	X				X	X																																																
			7890	78-8124-1933-7	A	PLUG [7890]																																																											
			701	78-8124-1931-1	A	BAYONET ADAPTER [701]						A																																																					
			502	78-8124-1660-6	B	FILTER ADAPTER ASSY [502]							B																																																				
			603	78-8124-1661-4	B	FILTER ADAPTER [603]								C																																																			
			501	78-8124-1659-8	B	RETAINER [E01]									B																																																		
			7998	78-8124-2347-9	A	WELDERS FF ASSEMBLY [7998]										A																																																		
			7988	78-8124-2246-1	A	WELDERS FF ASSY, ELECTRONIC LENS [7988]											A																																																	
			6001	78-8124-1906-3	C	ORGANIC VAPOR CART. ASSY [6001]												C																																																
			60011	78-8150-8179-5	B	ORGANIC VAPOR CART. ASSY, ESLI [60011]													B																																															
			6002	78-8124-1907-1	E	ACID GAS CART ASSEMBLY [6002]														E																																														
			6003	78-8124-1908-9	D	OV/AG CART ASSY [6003]															D																																													
			6004	78-8124-1909-7	D	AMMONIA/METHYLAMINE CART ASSY [6004]																D																																												
			6005	78-8124-1910-5	C	FORMALDEHYDE CART ASSY [6005]																	C																																												
			6006	78-8124-1911-3	E	MULTI GAS & VAPOR CART ASSY [6006]																		E																																											
			6007	78-8151-1554-4	A	MERCURY/CHLORINE/SULFUR DIOXIDE/OV/HS ASSY [6007]																			A																																										
			6009	78-8124-1912-1	C	MERCURY CHLORINE ASSY [6009]																				C																																									
			6009S	78-8150-8576-5	A	MERCURY/CHLORINE/SULFUR DIOXIDE ASSY [6009S]																					A																																									
			5N11	78-8124-1850-3	F	N95 FILTER [5N11]																						B																																								
			5935BR	78-8150-5022-0	A	N95 FILTER [5935BR]																							A																																							
			5P71	78-8124-1851-1	D	P95 FILTER [5P71]																								D																																					
			2051	78-8151-2194-8	B	N95 FILTER [2051]																									B																																				
			2071	78-8124-1860-2	C	P95 FILTER [2071]																										A																																			
			2076HF	78-8124-1862-8	B	P95/HF FILTER [2076HF]																											A																																			
			2078	78-8124-1861-0	C	P95 FILTER [2078]																												A																																		
			2091	78-8124-1852-9	D	P100 FILTER [2091]																													A																																	
			2291	78-8150-0910-1	B	P100 FILTER [2291]																														A																																
			2096	78-8124-1859-4	C	P100 FILTER [2096]																															A																															
			2296	78-8150-0911-9	B	P100 FILTER [2296]																																A																														
			2097	78-8124-1858-6	D	P100 FILTER [2097]																																	A																												
			2297	78-8150-0912-7	C	P100 FILTER [2297]																																		A																									
			7093	78-8124-1864-4	D	P100 FILTER [7093]																																			A																							
			7092C	78-8124-3082-1	C	P100/HF FILTER [7092C]																																				A																						
			60921	78-8124-1898-2	B	OV W/P100 [60921]																																					A																					
			60921I	78-8150-8180-3	B	OV W/P100, ESLI [60921I]																																						A																				
			60922	78-8124-1899-0	E	AG W/P100 [60922]																																							A																			
			60923	78-8124-1900-6	C	OV/AG W/P100 [60923]																																								A																			
			60924	78-8124-1901-4	C	NH3 W/P100 [60924]																																									A																		
			60925	78-8124-1902-2	B	OV/FORMALDEHYDE W/P100 [60925]																																										A																	
			60926	78-8124-1903-0	E	MULTI GAS & VAPOR W/P100 [60926]																																											A																
			60927	78-8151-1556-9	B	MERCURY/CHLORINE/SD/OV/HS W/P100 ASSY [60927]																																													A											
			60928	78-8124-1904-8	C	OV/AG W/P100 [60928]																																												A											
			60929	78-8150-0905-5	B	MERCURY/CHLORINE W/P100 [60929]																																													A										
			60929S	78-8150-0577-3	A	MERCURY/CHLORINE/SULFUR DIOXIDE W/P100 [60929S]																																														A									
			7915	78-8124-1976-6	A	HOOD ASSY FULLFACE OPTIONAL [7915]																																														A	A								
			7993	78-8124-1977-4	A	HOOD ASSY, WELDERS FULLFACE [7993]																																															A								
			7925	78-8124-2051-7	A	EYEGLASS KIT [7925]																																															A							
			7894	26-1004-4557-1	A	UNIVERSAL SPECTACLE KIT [7894]																																																A						
			7986	78-8124-2345-3	A	COVER, LENS, GREY [7986]																																																	A					
			7899	78-8124-2344-6	A	LENS COVER [7899]																																																		A				
			7980	78-8124-2422-0	A	CLIP-ON WELDING SHIELD KIT [7980]																																																			A			
			7991	78-8124-2431-1	A	ELECTRONIC LENS ASSEMBLY [7991]																																																				A		
			60021	98-0060-0010-7	9	7800 FULL FACE RESPIRATOR																																																					9	
			60065	98-0060-0065-1	8	6000 SERIES CARTRIDGES																																																						8	
			60069	98-0060-0069-4	7	5N11 N95 PARTICULATE FILTER																																																						7	
			60261	98-0060-0026-1	2	5935BR N95 PARTICULATE FILTER																																																						2	
			60610	98-0060-0061-0	7	5P71 P95 PARTICULATE FILTER																																																						7	
			60305	98-0060-0305-1	1	2000 SERIES N95 PARTICULATE FILTERS																																																						1	
			60669	98-0060-0066-9	7	2000 SERIES P95 PARTICULATE FILTERS																																																						7	
			60677	98-0060-0067-7	7	2000 SERIES P100 PARTICULATE FILTERS																																																						7	
			60628	98-0060-0062-8	6	7093 P100 PART FILTER/HF CARTRIDGE																																																						6	
			60636	98-0060-0063-6	6	7093C P100 PART FILTER/HF CARTRIDGE																																																						6	
			60644	98-0060-0064-4	8	6000 SERIES COMBO CARTRIDGE/P100 FILTER																																																						8	
			60405	70-0716-2405-3	2	60011 & 6001CN CARTRIDGES																																																						2	
			60406	70-0716-2406-1	2	60921 CARTRIDGE																																																						2	
	23C-2871	OV						X	X	X	X	X				X	X	X																																															
	23C-2985	OV						X	X	X	X	X				X	X		X																																													
	23C-2872	SD/HC/CL/CD/HS						X	X	X	X	X				X	X			X																																												
	23C-2873	OV/SD/HC/CL/HF/HS						X	X	X	X	X				X	X				X																																										
	23C-2874	AM/MA						X	X	X	X	X				X	X					X																																									
	23C-2875	OV/FM						X	X	X	X	X				X	X						X																																							
	23C-1764	OV/CL/CD/HC/AM/MA/SD/HF/HS/FM						X	X	X	X	X				X	X							X																																							
	23C-3441	MV/CL/SD/OV/HS						X	X	X	X	X													X																																						
	23C-2876	MV/CL						X	X	X	X	X														X																																					
	23C-2877	SD/MV/CL						X	X	X	X	X															X																																				
	84A-0403	N95						X	X	X	X	X		X	X	X	X											X																																					
	84A-0404	OV/N95						X	X	X	X	X			X	X	X	X										X																																				
	84A-6987	OV/N95						X	X	X	X	X			X	X	X		X									X																																				
	84A-0405	SD/HC/CL/CD/HS/N95						X	X	X	X	X			X	X	X			X								X																																			
	84A-0406	OV/SD/HC/CL/HF/HS/N95						X	X	X	X	X			X	X	X				X							X																																			
	84A-0407	AM/MA/N95						X	X	X	X	X			X	X	X					X						X																																			
	84A-0408	OV/FM/N95						X	X	X	X	X			X	X	X						X					X																																			
	84A-0518	OV/CL/CD/HC/AM/MA/SD/HF/HS/FM/N95						X	X	X	X	X			X	X	X							X				X																																			
	84A-8163	MV/CL/SD/OV/HS/N95						X	X	X	X	X			X										X			X																																			
	84A-0409	MV/CL/N95						X	X	X	X	X			X											X		X																																			
	84A-6300	SD/MV/CL/N95						X	X	X	X	X			X												X	X																																			
	84A-6227	N95						X	X	X	X	X		X	X	X	X												X																																			
	84A-6228	OV/N95						X	X	X	X	X			X	X	X	X											X																																			
	84A-6988	OV/N95						X	X	X	X	X			X	X	X		X										X																																			
	84A-6229	SD/HC/CL/CD/HS/N95						X	X	X	X	X			X	X	X			X									X																																			
	84A-6230	OV/SD/HC/CL/HF/HS/N95						X	X	X	X	X			X	X	X				X								X																																			
	84A-6231	AM/MA/N95						X	X	X	X	X			X	X	X					X							X																																			
	84A-6232	OV/FM/N95						X	X	X	X	X			X	X	X						X						X																																			
	84A-6233	OV/CL/CD/HC/AM/MA/SD/HF/HS/FM/N95						X	X	X	X	X			X	X	X							X					X																																			
	84A-8164	MV/CL/SD/OV/HS/N95						X	X	X	X	X			X										X				X																																			
	84A-6234	MV/CL/N95						X	X	X	X	X			X											X			X																																			
	84A-6301	SD/MV/CL/N95						X	X	X	X	X			X												X		X																																			
	84A-1381	P95						X	X	X	X	X		X	X	X	X													X																																			
	84A-1382	OV/P95						X	X	X	X	X			X	X	X	X												X																																			
	84A-6989	OV/P95						X	X	X	X	X			X	X	X		X											X																																			
	84A-1383	SD/HC/CL/CD/HS/P95						X	X	X	X	X			X	X	X			X										X																																			
	84A-1384	OV/SD/HC/CL/HF/HS/P95						X	X	X	X	X			X	X	X				X									X																																			
	84A-1385	AM/MA/P95						X	X	X	X	X			X	X	X					X								X																																			
	84A-1386	OV/FM/P95						X	X	X	X	X			X	X	X						X							X																																			
	84A-1387	OV/CL/CD/HC/AM/MA/SD/HF/HS/FM/P95						X	X	X	X	X			X	X	X							X						X																																			
	84A-8165	MV/CL/SD/OV/HS/P95						X	X	X	X	X			X										X					X																																			
	84A-1388	MV/CL/P95						X	X	X	X	X			X											X					X																																			
	84A-6302	SD/MV/CL/P95						X	X	X	X	X			X												X					X																																			
	84A-8652	N95						X	X	X	X	X				X	X														X																																			
	84A-8653	OV/N95						X	X	X	X	X	X			X	X	X													X																																		
	84A-8654	OV/N95						X	X	X	X	X	X			X	X		X												X																																		
	84A-8655	SD/HC/CL/CD/HS/N95						X	X	X	X	X	X			X	X			X											X																																		
	84A-8656	OV/SD/HC/CL/HF/HS/N95						X	X	X	X	X	X			X	X				X										X																																		
	84A-8657	AM/MA/N95						X	X	X	X	X	X			X	X					X									X																																		
	84A-8658	OV/FM/N95						X	X	X	X	X	X			X	X						X								X																																		
	84A-8659	OV/CL/CD/HC/AM/MA/SD/HF/HS/FM/N95						X	X	X	X	X	X			X	X							X							X																																		
	84A-8660	MV/CL/SD/OV/HS/N95						X	X	X	X	X	X												X						X																																		
	84A-8661	MV/CL/N95						X	X	X	X	X	X													X						X																																		
	84A-8662	SD/MV/CL/N95						X	X	X	X	X	X														X						X																																	
	84A-1664	P95						X	X	X	X	X				X	X																	X																															
	84A-1665	OV/P95						X	X	X	X	X	X			X	X	X																X																														
	84A-6990	OV/P95						X	X	X	X	X	X			X	X		X															X																														
	84A-1666	SD/HC/CL/CD/HS/P95						X	X	X	X	X	X			X	X			X														X																														
	84A-1667	OV/SD/HC/CL/HF/HS/P95						X	X	X	X	X	X			X	X				X													X																														
	84A-1668	AM/MA/P95						X	X	X	X	X	X			X	X					X												X																														
	84A-1669	OV/FM/P95						X	X	X	X	X	X			X	X						X											X																														
	84A-1670	OV/CL/CD/HC/AM/MA/SD/HF/HS/FM/P95						X	X	X	X	X	X			X	X							X										X																														
	84A-8166	MV/CL/SD/OV/HS/P95						X	X	X	X	X	X												X									X																														
	84A-1671	MV/CL/P95						X	X	X	X	X	X													X									X																														
	84A-6303	SD/MV/CL/P95						X	X	X	X	X	X														X									X																													
	84A-2330	HF/P95						X	X	X	X	X				X	X																				X																												
	84A-2331	OV/HF/P95						X	X	X	X	X	X			X	X	X																			X																											
	84A-6991	OV/HF/P95						X	X	X	X	X	X			X	X		X																		X																										
	84A-2332	SD/HC/CL/CD/HF/HS/P95						X	X	X	X	X	X			X	X			X																	X																										
	84A-2333	OV/SD/HC/CL/HF/HS/P95						X	X	X	X	X	X			X	X				X																X																										
	84A-2334	AM/MA/HF/P95						X	X	X	X	X	X			X	X					X															X																										
	84A-2335	OV/FM/HF/P95						X	X	X	X	X	X			X	X						X														X																										
	84A-2336	OV/CL/CD/HC/AM/MA/SD/HF/HS/FM/P95						X	X	X	X	X	X			X	X							X													X																										
	84A-8167	MV/CL/SD/OV/HS/P95/HF						X	X	X	X	X	X												X												X																										
	84A-2337	MV/CL/HF/P95						X	X	X	X	X	X													X											X																										
	84A-6304	SD/MV/CL/HF/P95						X	X	X	X	X	X														X										X																										
	84A-2406	P95						X	X	X	X	X				X	X																						X																							
	84A-2407	OV/P95						X	X	X	X	X	X			X	X	X																					X																							
	84A-6992	OV/P95						X	X	X	X	X	X			X	X		X																					X																						
	84A-2408	SD/HC/CL/CD/HS/P95						X	X	X	X	X	X			X	X			X																					X																					
	84A-2409	OV/SD/HC/CL/HF/HS/P95						X	X	X	X	X	X			X	X				X																					X																				
	84A-2410	AM/MA/P95						X	X	X	X	X	X			X	X					X																					X																			
	84A-2411	OV/FM/P95						X	X	X	X	X	X			X	X						X																					X																		
	84A-2412	OV/CL/CD/HC/AM/MA/SD/HF/HS/FM/P95						X	X	X	X	X	X			X	X							X																					X																	
	84A-8168	MV/CL/SD/OV/HS/P95						X	X	X	X	X	X												X																					X																
	84A-2413	MV/CL/P95						X	X	X	X	X	X													X																					X														
	84A-6305	SD/MV/CL/P95						X	X	X	X	X	X	