

CFM56

No.	Class of TOOL Version	NAME
1	856A1312	Engine handling support
2	856A1001	KEYED TORQUE MULTIPLIER WRENCH
3	856A1106	Guide Pin Set for core module
4	856A3409	guide pins for spinner rear cone
5	856A1211	clamping fixture for no.3 bearing in inlet gearbox
6	856A1130	Set of jackscrews
7	856A2573	ADAPTER, PULL - LPT SHAFT PLUG
8	856A2632	PULLER
9	856A3234	PROTECTOR - CENTER VENT TUBE, AFT
10	856A3330	TOOL SET, SEAL FITTING - AGB AND TGB OIL NIPPLE
11	856A3485	CAP PROTECTIVE THREAD LPT SHAFT
12	856A1097	SCREW SET, HOLDING - NUT SHIELD COMBUSTION CASE
13	856A1293	RETAINER SET, NUT ASSEMBLY, COMBUSTOR INNER LINER
14	856A1136	ADAPTER, NO. 4 BEARING - COUNTERTORQUE WRENCH TO COMBUSTION CASE
15	856A1127	PROTECTOR, STUDS - HPT SHROUD HANGAR SHROUD SUPPORT
16	865A1091	RING, PROTECTOR - HPT NOZZLE VANES, FWD AND AFT
17	865A1098	ADAPTER, TORQUE WRENCH - HPT NOZZLE
18	856A1090	INSTALLER - HPT NOZZLE SEAL RETAINER PIN
19	856A1104	PLIERS, DUCKBILL - RETAINER PIN INSTALLATION, HPT NOZZLE
20	856A1016	STAND, COMPRESSOR ROTOR AND HPT ROTOR - VERTICAL
21	856A1057	FIXTURE, LIFT AND TURN - HPT ROTOR ASSEMBLY, AFT
22	856A1061	FIXTURE, LIFT AND TURN - HPTR DISK, FORWARD
23	856A1074	FIXTURE, CHILLING - HPTR BLADE RETAINER, FORWARD
24	856A1075	FIXTURE, LIFT AND TURN HIGH PRESSURE TURBINE ROTOR DISK, AFT

25	856A1281	FIXTURE, LIFT - HP TURBINE FRONT OUTER SEAL
26	856A1130	TOOL SET - JACKSCREW
27	856A1397	CLAMP SET – HPT FORWARD SEAL AND DISK
28	856A1874	CLAMP SET – HPT FORWARD SEAL AND DISK
29	9446M76	Nitrogen Holding Pan
30	856A1132	FIXTURE, RESTRAIN - HPT ROTOR BLADES
31	856A1173	FIXTURE, LIFT - BALANCE ARBORS
32	856A1176	FIXTURE, LIFT - HPC/HPTR AND BALANCE ARBOR - HORIZONTAL
33	856A1017	PULLER, IMPACT - HIGH PRESSURE TURBINE SHROUD REMOVAL
34	856A1127	PROTECTOR, STUDS - HPT SHROUD HANGAR SHROUD SUPPORT
35	856A1384	TOOL, REMOVAL - RETAINING CLIP - HPT SHROUD
36	856A1143	FIXTURE, INSTALLATION - LP NOZZLE RETAINING RING
37	856A1145	FIXTURE, INSTALLATION - OUTER COOLING AIR DUCT
38	856A1146	FIXTURE, INSTALLATION - INNER COOLING AIR DUCT
39	856A1313	RING, SUPPORT - ENGINE HANDLING
40	856A1354	BRACKET SET, HANDLING - COMPRESSOR MID-FLANGE
41	856A2524	FIXTURE, HANDLING - LPT MAJOR MODULE
42	856A2543	FIXTURE, CENTERING - LPT SHAFT MODULE
43	856A2604	PULLER, AFT - ROTATING AIR/OIL SEPARATOR
44	856A2618	FIXTURE, HOLDING - ROTOR/STATOR, LPT
45	856A2627	BEAM, LIFTING
46	856A2647	STAND, MOBILE, HORIZONTAL MAJOR MODULE 3 STORAGE
47	856A2661	PULLER - AFT ROTATING AIR/OIL SEPARATOR
48	856A3392	WRENCH, TORQUE - AFT ROTATING AIR/OIL SEPARATOR NUT
49	856A3419	ADAPTER, PULLER - OIL INLET COVER
50	856A3501	FIXTURE, ALIGNMENT/GUIDE BOOSTER/LPT SHAFT
51	856A3502	FIXTURE, GUIDE AND COUNTERTORQUE LPT COUPLING NUT
52	856A3504	FIXTURE, PUSHER/PULLER - MODULE 1 AND MAJOR MODULE 3
53	856A3506	WRENCH, TORQUE/LOOSEN - LPT COUPLING NUT

54	856A3508	SLEEVE, CENTERING AND REMOVAL/INSTALLATION MODULE 1/LPT MAJOR MODULE
55	856A3509	ADAPTER, LOCKING - CORE ENGINE WITH
56	856A3513	BEAM, RESIDUAL TORQUE
57	856A3514	ADAPTER, RESIDUAL TORQUE
58	856A3517	ADAPTER, COUNTERTORQUE
59	856A3524	TOOL SET, DRIVE ADAPTER - BOOSTER AND LPT
60	856A2600	LPT SHAFT GUIDE AND STOP TOOL
61	856A3516	SLEEVE, PROTECTIVE - FAN DISK BALANCE WEIGHT
62	856A1358	FIXTURE, INSTALL/REMOVE - MODULE 12
63	856A1042	WRENCH, TORQUE - NO. 4 BEARING RETAINER
64	856A1089	WRENCH - HPTR TO Compressor Rotor NUTS
65	856A1117	FIXTURE, LIFT - HPT ROTOR, HORIZONTAL
66	856A1125	FIXTURE, LIFT, VARIABLE CG - HORIZONTAL
67	856A1199	RESTRAINER, BOLT - HPC TO CDP SEAL TO HPT
68	856A1216	PULLER - NO. 4 BEARING OUTER RACE, OIL SEAL AND AIR DUCT
69	856A1394	FIXTURE, LIFT – VARIABLE C.G., GENERAL PURPOSE
70	856A1154	<u>MASTER, SETUP - COMPRESSOR ROTOR BUILDUP</u>
71	856A1155	<u>FIXTURE, CHUCK/TABLE</u>
72	856A1419	TRUCK - HPTR HORIZONTAL
73	856A2004	TOOL, ASSEMBLY - INSTALL/REMOVE HPTR TO COMPRESSOR ROTOR NUTS
74	856A1099	FIXTURE, INSTALLATION AND REMOVAL - HPT AFT OUTER AIR SEAL
75	856A1102	ADAPTER, HORIZONTAL LIFT - FIXTURE
76	856A1103	FIXTURE, LIFT - HPT NOZZLE ASSEMBLY
77	856A1070	FIXTURE, SPLINE BOLT REMOVAL
78	856A1093	FIXTURE, LIFT - COMBUSTION CHAMBER AND HPT NOZZLE INNER SUPPORT
79	856A1295	FIXTURE, ALIGNMENT - CDP SEAL BOLT EROSION SHIELD
80	856A1100	DRIVER, RETAINER PIN - HPT NOZZLE
81	856A1094	ADAPTER, HOLDING - POWER ARM, HPT NOZZLE ASSEMBLY
82	856A1095	FIXTURE, ASSEMBLY - HPT NOZZLE ASSEMBLY

83	856A1284	PULLER, PIN - HIGH PRESSURE TURBINE NOZZLE
84	856A1008	FIXTURE, LIFT AND TURN - C/R AFT END AND HPTR FWD END
85	856A1133	REMOVER, BLADE RETAINER - HPTR, AFT
86	856A1198	PULLER, AFT SHAFT - HPT ROTOR
87	856A1299	FIXTURE, BLADE REMOVAL - HIGH PRESSURE TURBINE ROTOR
88	856A1308	PULLER, HP TURBINE ROTOR FWD OUTER SEAL
89	856A1052	FIXTURE, PRECISION BUILD-UP AND RUNOUT - HPTR
90	856A1156	PYLON, INDICATOR - COMPRESSOR ROTOR BUILDUP
91	856A1213	PIN SET, ALIGNMENT - HPT ROTOR DISK TO SHAFT
92	856A1225	BASE, SUPPORT HPT ROTOR BUILDUP/RUNOUT FIXTURE
93	856A2625	STAND, STORAGE - FAN AND BOOSTER MODULE 1
94	856A3526	BASEPLATE, MOBILE - BOOSTER
95	856A3538	FIXTURE, HANDLING - FAN DISK
96	856A2626	STAND, STORAGE - MODULE 2
97	856A2640	TOOL SET ASSEMBLY - RING OIL SEPARATOR
98	856A3011	PLUG, PULLER - AFT ROTATING AIR/OIL SEAL
99	856A3012	PULLER - NO. 2 BEARING INNER RACE
100	856A3013	PULLER - N1 SPEED SENSOR RING
101	856A3017	FIXTURE, TORQUE - NO. 1 BEARING HOUSING
102	856A3030	RING, LIFTING - FAN STUB SHAFT, REAR
103	856A3033	NUT, RETAINING - NO. 1 BEARING SLEEVE
104	856A3034	PULLER - FORWARD ROTATING AIR/OIL SEPARATOR
105	856A3323	BUSHING, CENTERING - NO. 1 BALL BEARING INSTALLATION
106	856A3344	PULLER, - NO. 1 BEARING HOUSING
107	856A3510	ADAPTER, LIFT AND TURN - 1 AND 2 BRG SUPPORT
108	856A3570	WRENCH, NO. 2 BEARING INNER RACE SEAL RETAINER
109	856A3571	WRENCH - FORWARD ROTATING AIR/OIL SEPARATOR NUT
110	856A3572	WRENCH, NO. 1 BEARING INNER RACE NUT
111	856A3573	TOOL, ASSY/DISSY - NO. 1 AND NO. 2 BEARING SUPPORT

112	856A3574	PULLER - NO. 1 BEARING SLEEVE
113	856A3575	PULLER - NO. 1 BEARING INNER RACE
114	856A3244	TOOL, CHECKING - GAP N1 SPEED SENSOR
115	856A3328	TOOL SET, ADAPTERS - NO. 1 AND NO. 2 BEARING OIL NOZZLES AIR IMPINGEMENT CHECKS
116	856A3610	FIXTURE, CHECKING, DIM "V" - NO. 1 AND 2 BRG SUPPORT
117	856A3618	TOOL SET, PUSHERS
118	856A3628	INSTALLATION TOOL NO. 1 BRG INNER RACE
119	856A1021	FIXTURE, LIFT AND TURN - COMPRESSOR ROTOR ASSEMBLY FORWARD END
120	856A1027	FIXTURE, LIFT - COMPRESSOR ROTOR STAGE 3 DISK AND BLADES
121	856A1028	FIXTURE, LIFT - COMPRESSOR ROTOR STAGE 1-2 SPOOL, AFT AND STAGE 4-9 SPOOL, FORWARD
122	856A1072	TRUCK, COMPRESSOR ROTOR, HORIZONTAL
123	856A1204	FIXTURE, REMOVAL HIGH PRESSURE COMPRESSOR ROTOR
124	856A1412	FIXTURE, ASSEMBLY - DISASSEMBLY HP TURBINE NOZZLE STAGE 1
125	856A1110	STAND, INSTALLATION - FRONT COMPRESSOR STATOR SECTOR AND LINER
126	856A1845	FIXTURE, HOLDING - VANE SECTOR
127	856A1161	ARBOR, BALANCE - HIGH PRESSURE TURBINE ROTOR
128	856A3279	PUSHER, PULLER - LPT DISK BUSHINGS
129	856A3373	FIXTURE, HOIST - LPT BLADED DISKS
130	856A3385	WRENCH - STAGE 1 LPT DISK D-HEAD BOLTS
131	856A2542	LPT Modul hold fixture
132	856A2549	<u>SEGMENTS, HANDLING - TURBINE FRAME MODULE</u>
133	856a3343	<u>TOOL SET, LOCATING - NOZZLE SEGMENTS, LPT</u>
134	856A3413	<u>RING, HOLDING - NO. 4 BEARING ROLLERS</u>
135	856A3320	<u>FIXTURE, LPT ROTOR/STATOR</u>
136	856a4005	<u>FIXTURE, WATERFLOW - HPT BLADES</u>

137	856a1380	<u>PULLER, OUTER AIR DUCTS - LPT NOZZLE ASSEMBLY</u>
138	856a1135	<u>FIXTURE, GRIND - HPT SHROUD</u>
139	856a4035	<u>FIXTURE, GRIND - HP TURBINE & COMPRESSOR ROTOR</u>
140	856A2634	DOLLY STORAGE AND ASSY/DISASSY LPT SHAFT
141	856A2943	SLEEVE, PROTECTION-REAR INNER ROTATING AIR/OIL SEAL
142	856A3057	FIXTURE, TORQUE - CENTER VENT TUBE SPACER SLEEVE NUT
143	856A3058	PULLER, HYDRAULIC - NO. 5 BEARING INNER RACE
144	856A3062	PULLER, HYDRAULIC - REAR ROTATING AIR/OIL SEAL
145	856A3260	PLUG, EXTRACTION - MAIN COMPONENTS, LPT SHAFT
146	856A3268	WRENCH, NUT - CENTER VENT TUBE SLEEVE
147	856A3269	WRENCH - NO. 5 BEARING INNER RACE UNIT
148	856A3308	PULLER - NO. 4 BEARING INNER RACE
149	856A3315	PULLER - CENTER VENT TUBE
150	856A3322	TOOL, CRIMPING - NO. 5 BRG. NUT
151	856A3483	RING PROTECTIVE NO. 4 BEARING
152	856A3100	PIN, LOCATING - CENTER VENT TUBE
153	856A3472	TOOL, CHECKING, AXIAL POSITION - CENTER VENT TUBE SUPPORTS
154	856A3460	FIXTURE, CHECKING - CENTER VENT TUBE INNER SUPPORTS
155	856A3474	TOOL, CHECKING, EXPANSION LOAD - CENTER VENT TUBE SUPPORTS
156	856A2544	DOLLY TRUNNION - TURBINE FRAME MODULE
157	856A3443	PULLER, OUTER RACE AND SLEEVE - BEARING NO. 5
158	856A3070	WRENCH - RADIAL DRIVE SHAFT NUT
159	856A3072	PULLER - WASHER - RADIAL DRIVE SHAFT
160	856A3389	PULLER, ROLLER BEARING, RADIAL DRIVE SHAFT
161	856A3466	ADAPTER, COUNTERTORQUE - TGB STALOK NUTS
162	856A3552	FIXTURE, HOLDING - RADIAL DRIVE SHAFT
163	856A3555	SOCKET, STALOK NUT - HORIZONTAL AND INPUT BEVEL GEARSHAFT BALL BEARINGS

164	856A3563	TOOL, REMOVAL/INSTALLATION - HORIZONTAL AND INPUT BEVEL GEARSHAFT BALL BEARING TABWASHERS
165	856A3576	REMOVAL/INSTALLATION, SEAL/OIL AND MAGNETIC SEALS
166	856A1085	BAR, LIFT AND TURN - MAIN ENGINE SECTION
167	856A1088	FIXTURE, SUPPORT AND ROTATION - CORE ENGINE
168	856A1332	FIXTURE, LIFT/ROTATE - CORE ENGINE, FORWARD
169	856A1334	FIXTURE, BUILDUP - CORE ENGINE/HP COMPRESSOR ROTOR
170	856A1393	FIXTURE, SUPPORT AND ROTATION - CORE MODULE
171	856A1019	FIXTURE, VERTICAL LIFT - COMBUSTION CASE ASSEMBLY, AFT
172	856A1021	FIXTURE, LIFT AND TURN - COMPRESSOR ROTOR ASSEMBLY FORWARD END
173	856A2567	EYE, LIFTING - LPT SHAFT, FORWARD
174	856A2568	EYE, LIFTING - LPT SHAFT MODULE, AFT
175	856A2646	DOLLY, TRUNNION - TURBINE FRAME MAINTENANCE MODULE
176	856A2943	SLEEVE, PROTECTION-REAR INNER ROTATING AIR/OIL SEAL
177	856A3247	GUIDE, ALIGNMENT - TURBINE FRAME/LPT SHAFT
178	856A3383	FIXTURE, ALIGNMENT - TURBINE FRAME/LPT ROTOR
179	856A3483	RING PROTECTIVE NO. 4 BEARING
180	856A3484	RING PROTECTIVE NO. 5 BEARING
181	856A3468	ADAPTER, DRIVE - FWD LPT SHAFT BALANCING
182	856A1087	BRACKET SET, HANDLING - COMPRESSOR MID FLANGE
183	856A1157	FIXTURE, LIFT - VARIABLE CG GENERAL PURPOSE, HEAVY
184	856A1314	BRACKET SET, SUPPORT - LP TURBINE AFT MOUNT
185	856A2528	STAND, STORAGE AND TRANSPORTATION - LPT MAJOR MODULE
186	856A1159	TOOL SET, RUNOUT
187	856A1062	FIXTURE, CHILLING - HPTR FORWARD FLANGE, HORIZONTAL
188	856A1206	GAGE, RUNOUT - CDP SEAL
189	856A1000	WRENCH, INSTALLATION AND REMOVAL - NO. 3 BEARING LOCKING NUT
190	856A1020	FIXTURE, RESTRAINING, CORE MODULE - AFT

191	856A1081	STAND, CORE MODULE - HORIZONTAL
192	856A1083	FIXTURE, LIFT AND TURN - CORE MODULE
193	856A1107	FIXTURE, LIFT - CORE MODULE
194	856A1123	GUIDE - FAN FRAME TO CORE MODULE
195	856A1140	FIXTURE, SUPPORT - CORE MODULE TO COMPRESSOR ROTOR SHAFT
196	856A1291	FIXTURE, INSTALL AND REMOVE - INLET GEARBOX MODULE
197	856A1363	GUIDE ASSY - FAN MODULE TO CORE MODULE
198	856A1084	CART - STATOR ACTUATOR
199	856A1818	GAGE, SEATING CHECK - CORE MODULE-TO-IGB
200	856A2635	TOOL, LOCKING-FAN DISK
201	856A2663	ADAPTER PULLER, SPLITTER FAIRING
202	856A3503	FIXTURE, REMOVAL/INSTALLATION AND HANDLING - BOOSTER ROTOR/STATOR ASSY
203	856A3515	EXTENSION BEAM - VARIABLE CG LIFT FIXTURE
204	856A3518	STAND, STORAGE - FAN BLADES
205	856A1015	SLING, FRAMES
206	856A3507	GUIDE, FWD SUPPORT
207	856A3510	ADAPTER, LIFT AND TURN - 1 AND 2 BRG SUPPORT
208	856A3519	SLING, 3 - LEG - AGB HANDLING
209	856A3525	CRADLE, REMOVAL/INSTALLATION - AGB
210	856A3598	CRADLE, REM/INSTALL - FUEL PUMP AND MEC PACKAGE
211	856A3604	WRENCH, HORIZONTAL DRIVE SHAFT NUT
212	856A3600	PULLER - RADIAL DRIVE SHAFT
213	856A1169	FIXTURE, LIFT - HPC STATOR FWD CASE ASSY