



## Cylinder Remanufacture or Exchange

Corresponds to Class Reference Sections 1 &amp; 2. For Installation Eligibility, see Class Reference Manual per FAR 45.15 A 4 or visit www.eci2fly.com

Cerminil® Process + FREEDOM™ Brand				
Ref. Code/ Class	Stud Assy. (SA)	Stud & Ring Set (RA)	Valve Assy. (VA)	Complete Assv. (CA)
CFCN01.0	N/A	N/A	N/A	N/A
CFCN01.1	N/A	N/A	N/A	N/A
CFCN01.2	N/A	N/A	N/A	N/A
CFCN01.3	N/A	N/A	N/A	N/A
CFCN02.0	595	615	1,080	1,400
CFCN03.0	595	615	1,080	1,400
CFCN03.1	N/A	N/A	N/A	1,400
CFCN04.0	525	551	759	796
CFCN04.1	N/A	N/A	N/A	796
CFCN05.0	525	551	759	796
CFCN06.0	525	551	759	796
CFCN07.0	525	551	759	796
CFCN08.0	525	551	759	796
CFCN08.0A	N/A	N/A	N/A	796
CFCN09.0	525	551	759	N/A
CFCN09.0A	N/A	N/A	N/A	796
CFCN09.0B	N/A	N/A	N/A	796
CFCN10.0	525	551	759	796
CFCN10.1	N/A	N/A	N/A	796
CFCN11.0	546	572	816	889
CFCN11.1	546	572	1,030	1,130
CFCN12.0	525	551	759	796
CFCN12.2	N/A	N/A	N/A	796
CFCN13.0	546	572	816	889
CFCN13.2	546	572	1,030	1,130
CFCN13.3	N/A	N/A	N/A	1,500
CFCN14.0	546	572	816	889
CFCN14.2	N/A	N/A	N/A	1,590
CFCN14.3	N/A	N/A	N/A	1,190
CFCN14.3A	N/A	N/A	N/A	889
CFCN14.4	546	572	1,030	1,130
CFCN14.5	N/A	N/A	N/A	1,130
CFCN17.0	629	759	915	1,331
CFCN18.0	629	759	915	1,331
CFCN19.0	546	676	827	1,330
CFCN19.0A	N/A	N/A	N/A	1,360
CFCN21.0	546	676	827	1,004
CFCN22.0	546	676	827	1,004
CFCN22.1	N/A	N/A	N/A	1,004
CFCN23.0	546	676	827	1,004
CFCN23.1	N/A	N/A	N/A	1,004
CFCN24.0	572	598	853	1,030
CFCN25.0	546	572	827	1,004
CFCN25.1	546	572	827	1,004
CFCN26.0	452	551	759	796
CFCN26.1	N/A	N/A	N/A	796
CFCN27.0	572	598	853	1,030
CFCN27.1	N/A	N/A	N/A	1,030
CFCN27.2	572	598	853	1,030
CFCN29.0	715	740	2,517	2,639
CFCN30.0	546	572	827	1,004
CFCN31.0	546	572	816	1,139
CFCN31.1	546	572	1,030	1,130
CFCN32.0	572	598	853	998
CFCN32.1	572	598	853	1,170
CFCN33.0	572	598	853	1,170
CFCN33.1	572	598	853	1,019
CFCN35.0	546	567	827	1,154
CFCN35.1	N/A	N/A	N/A	945

Steel + FREEDOM™ Brand					Core Charge
Ref. Code/ Class	Stud Assy. (SA)	Stud & Ring Set (RA)	Valve Assy. (VA)	Complete Assv. (CA)	
CFST01.0	655	697	828	1,145	100
CFST01.1	655	697	822	1,068	100
CFST01.2	N/A	N/A	N/A	1,019	100
CFST01.3	666	718	822	1,019	100
CFST02.0	N/A	N/A	N/A	N/A	100
CFST03.0	N/A	N/A	N/A	N/A	100
CFST03.1	N/A	N/A	N/A	N/A	100
CFST04.0	619	634	853	884	50
CFST04.1	N/A	N/A	N/A	884	50
CFST05.0	619	634	853	884	50
CFST06.0	619	634	853	884	50
CFST07.0	619	634	853	884	50
CFST08.0	619	634	853	884	50
CFST08.0A	N/A	N/A	N/A	884	50
CFST09.0	N/A	N/A	N/A	N/A	50
CFST09.0A	N/A	N/A	N/A	N/A	50
CFST09.0B	N/A	N/A	N/A	N/A	50
CFST10.0	619	634	853	884	50
CFST10.1	N/A	N/A	N/A	884	50
CFST11.0	629	660	900	983	100
CFST11.1	629	660	1,075	1,175	100
CFST12.0	619	634	853	884	50
CFST12.2	N/A	N/A	N/A	884	50
CFST13.0	629	660	900	983	100
CFST13.2	629	660	1,075	1,175	100
CFST13.3	N/A	N/A	N/A	1,545	100
CFST14.0	629	660	900	983	100
CFST14.2	N/A	N/A	N/A	1,635	100
CFST14.3	N/A	N/A	N/A	1,235	100
CFST14.3A	N/A	N/A	N/A	983	100
CFST14.4	629	660	1,075	1,175	100
CFST14.5	N/A	N/A	N/A	1,175	100
CFST17.0	N/A	N/A	N/A	N/A	100
CFST18.0	N/A	N/A	N/A	N/A	100
CFST19.0	N/A	N/A	N/A	N/A	100
CFST19.0A	N/A	N/A	N/A	N/A	100
CFST21.0	629	660	910	1,092	100
CFST22.0	629	660	910	1,092	100
CFST22.1	N/A	N/A	N/A	1,092	100
CFST23.0	629	660	910	1,092	100
CFST23.1	N/A	N/A	N/A	1,092	100
CFST24.0	655	681	926	1,102	50
CFST25.0	629	681	910	1,092	100
CFST25.1	629	660	910	1,092	100
CFST26.0	619	634	853	884	50
CFST26.1	N/A	N/A	N/A	884	50
CFST27.0	655	681	926	1,102	50
CFST27.1	N/A	N/A	N/A	1,102	50
CFST27.2	655	681	926	1,102	50
CFST29.0	N/A	N/A	N/A	N/A	175
CFST30.0	629	660	910	1,092	100
CFST31.0	629	660	900	1,243	100
CFST31.1	629	660	1,075	1,175	100
CFST32.0	640	655	900	1,243	50
CFST32.1	640	655	900	1,243	50
CFST33.0	640	655	900	1,180	50
CFST33.1	640	655	900	1,061	50
CFST35.0	629	660	900	1,238	100
CFST35.1	N/A	N/A	N/A	1,071	100



## Cylinder Remanufacture or Exchange

Corresponds to Class Reference Sections 1 &amp; 2. For Installation Eligibility, see Class Reference Manual per FAR 45.15 A 4 or visit www.eci2fly.com

Cerminil® Process + FREEDOM™ Brand				
Ref. Code/ Class	Stud Assy. (SA)	Stud & Ring Set (RA)	Valve Assy. (VA)	Complete Assy. (CA)
CFCN36.0	546	567	1,030	1,130
CFCN36.1	N/A	N/A	N/A	1,130
CFCN38.0	525	556	759	796
CFCN38.1	N/A	N/A	N/A	1,050
CFCN38.3	N/A	N/A	N/A	950
CFCN39.0	550	615	1,080	1,400
CFCN40.0	572	598	853	1,019
CFCN40.1	N/A	N/A	N/A	1,019
CFCN41.0	546	572	957	1,030
CFCN42.0	546	572	957	1,030
CFCN43.0	525	551	759	1,050
CFCN43.1	N/A	N/A	N/A	795
CFCN44.0	525	551	759	822
CFCN46.0	780	800	2,300	2,420
CFCN47.0	780	800	2,300	2,420
CFCN47.0A	N/A	N/A	N/A	2,420
CFCN48.0	619	645	941	1,090
CFCN60.0	603	655	874	1,019
CFCN60.1	N/A	N/A	N/A	1,019
CFCN61.0	603	655	N/A	N/A
CFCN61.0A	N/A	N/A	676	700
CFCN61.0B	N/A	N/A	676	801
CFCN61.0C	N/A	N/A	676	801
CFCN64.0	484	525	619	884
CFCN64.1	484	525	619	884
CFCN65.0	484	525	619	926
CFCN66.0	562	593	785	N/A
CFCN66.0A	N/A	N/A	N/A	1,051
CFCN66.0B	N/A	N/A	N/A	1,051
CFCN66.2	562	593	785	N/A
CFCN66.2A	N/A	N/A	N/A	1,051
CFCN66.2B	N/A	N/A	N/A	1,051
CFCN67.0	489	530	650	842
CFCN67.1	489	530	650	915
CFCN68.0	530	567	666	N/A
CFCN68.0A	N/A	N/A	N/A	827
CFCN68.0B	N/A	N/A	N/A	827
CFCN70.0	530	567	666	N/A
CFCN70.0A	N/A	N/A	N/A	827
CFCN70.0B	N/A	N/A	N/A	1,250
CFCN71.2	510	545	665	N/A
CFCN71.2A	N/A	N/A	N/A	827
CFCN71.2B	N/A	N/A	N/A	827
CFCN71.2C	N/A	N/A	N/A	827
CFCN72.0	546	582	686	884
CFCN73.0	546	582	686	884
CFCN73.0A	N/A	N/A	N/A	884
CFCN73.0B	N/A	N/A	N/A	1,050
CFCN73.1	546	582	686	884
CFCN74.0	546	582	686	884
CFCN75.0	546	582	686	1,050
CFCN76.0	546	582	686	884
CFCN77.0	546	582	686	980

Steel + FREEDOM™ Brand					Core Charge
Ref. Code/ Class	Stud Assy. (SA)	Stud & Ring Set (RA)	Valve Assy. (VA)	Complete Assy. (CA)	
CFST36.0	629	660	1,075	1,175	100
CFST36.1	N/A	N/A	N/A	1,175	100
CFST38.0	619	610	853	884	50
CFST38.1	N/A	N/A	N/A	1,095	50
CFST38.3	N/A	N/A	N/A	995	50
CFST39.0	N/A	N/A	N/A	N/A	100
CFST40.0	655	681	926	1,108	50
CFST40.1	N/A	N/A	N/A	1,097	50
CFST41.0	629	660	1,035	1,071	100
CFST42.0	629	660	1,035	1,071	50
CFST43.0	619	640	853	1,095	50
CFST43.1	N/A	N/A	N/A	840	100
CFST44.0	619	640	853	926	50
CFST46.0	840	850	2,345	2,465	175
CFST47.0	840	850	2,345	2,465	175
CFST47.0A	N/A	N/A	N/A	2,465	175
CFST48.0	707	738	1,015	1,275	50
CFST60.0	N/A	N/A	N/A	N/A	100
CFST60.1	N/A	N/A	N/A	N/A	100
CFST61.0	580	625	N/A	N/A	50
CFST61.0A	N/A	N/A	764	827	50
CFST61.0B	N/A	N/A	764	900	50
CFST61.0C	N/A	N/A	764	900	50
CFST64.0	572	624	712	967	100
CFST64.1	572	624	712	967	100
CFST65.0	572	624	712	1,045	100
CFST66.0	645	707	785	N/A	100
CFST66.0A	N/A	N/A	N/A	1,111	100
CFST66.0B	N/A	N/A	N/A	1,050	100
CFST66.2	N/A	N/A	N/A	N/A	100
CFST66.2A	N/A	N/A	N/A	N/A	100
CFST66.2B	N/A	N/A	N/A	N/A	100
CFST67.0	593	645	723	941	100
CFST67.1	593	645	723	998	100
CFST68.0	619	671	764	N/A	50
CFST68.0A	N/A	N/A	N/A	915	50
CFST68.0B	N/A	N/A	N/A	915	50
CFST70.0	619	671	764	N/A	50
CFST70.0A	N/A	N/A	N/A	915	50
CFST70.0B	N/A	N/A	N/A	1,340	50
CFST71.2	619	671	765	N/A	50
CFST71.2A	N/A	N/A	N/A	915	50
CFST71.2B	N/A	N/A	N/A	915	50
CFST71.2C	N/A	N/A	N/A	915	50
CFST72.0	634	686	764	926	100
CFST73.0	634	686	764	926	100
CFST73.0A	N/A	N/A	N/A	926	100
CFST73.0B	N/A	N/A	N/A	1,095	100
CFST73.1	634	686	764	926	100
CFST74.0	634	686	764	926	100
CFST75.0	634	686	764	1,095	50
CFST76.0	634	686	764	926	50
CFST77.0	N/A	N/A	N/A	N/A	300

N/A = Not Available.

**Stud Assembly** — Basic cylinder, new guides/seats installed and reamed / ground, new exhaust studs, pushrod housings on Class 61**Stud Assembly Ring Set** — Includes Stud Assembly and applicable ring set.**Valve Assembly** — Includes Stud Assembly with new springs and valves installed.**Complete Assembly** — Includes Valve Assembly, plus new rocker shafts, piston and rings (rings fitted and gapped) and gasket set**NOTE** — Piston pins and rocker arms are available but not included.