

Parts List for the ESW CleanTech Phoenix System

Relating to Executive Order Series DE-13-004

Effective Date: September 6, 2013

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Item #	Qty	Part Number	Description
1	1	CJF-___-___-PX or CJF-___-___	Diesel Particulate Filter Assembly, Unidirectional CJF-<filter supplier><attachment type>-<unidirectional flow flange> o Where filter supplier: 10 = Ibiden 20 = Liqtech 36 = TYK o Where attachment type: 1 = double 3 = single o Where unidirectional flow flange: A = Welded ring B = Integrated
2	1	CPX_-J_-_-E-_-_-_-	Assembly, Cone, Inlet/Burner/EFC/Heat Shield CPX<Shielding>-<System Size><Exhaust Pipe Size><Inlet Configuration><Integrated EFC>-<Exhaust Pipe Connection Type><Inlet Position>-<AP Location> o Where Shielding: B = No heat shield C = integrated heat shield o Where System Size: J = 10.5" x 12.0" (substrate), can diameter ≈ 11.0" o Where Exhaust Pipe Size = 3", 3.5", 4" or 5" o Where Inlet Configuration: 0 = straight in 90 = side-in o Where Integrated EFC: E = Integrated 4" or 5" EFC o Where Exhaust Pipe Connection type: P = plain, S = swaged, or F = stack breaker o Where Inlet Position is the inlet pipe location in degrees from weld seam on side-in cones o Where AP Location is access port location in degrees from weld seam
3	1	CU__EFC-__x__ e.g., CU4EFC-4x2, CU5EFC-5x3	Exhaust Flow Conditioner (EFC) EFC, 4" diameter EFC, 5" diameter
4	1	CMA-_-_- e.g., CMA-3, CMA-3-DUAL, CMA-6, CMA-6-DUAL or CUE-394-_-	Sensor, RPM 3/4 - 16 Single lead output 3/4 - 16 Dual lead output 5/8 - 16 Single lead output 5/8 - 16 Dual lead output Adapter, Alternator, RPM (if alternator used for RPM)

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5	1	CMA-5-13-__	Sensor, thermocouple CMA-5-13-<varies with configuration>
6	1	CMA-5-__	Sensor, thermocouple, burner CMA-5-<varies with configuration>
7	1	CMKP-6.0_	MLC (electronic control unit) CMKP-6.0<varies with configuration>
8	1	CUE-45	Sensor, backpressure
9	1	CUE-72-__ V e.g., CUE-72-12V, CUE-72-24V	Fuel metering pump 12 Volt 24 Volt
10	1	CUE-73-__ V e.g., CUE-73-12V, CUE-73-24V	Regeneration Air Supply Blower 12 Volt 24 Volt
11	1	CUH-2401-1K	Kit, label, Verification , Phoenix
12	1	CUE-70-__ V e.g., CUE-70-12V CUE-70-24V or CUE-93-__ V e.g., CUE-93-12V CUE-93-24V	Glow plug 12 Volt 24 Volt
13	1	CUE-79-__ V e.g., CUE-79-12V CUE-79-24V	Valve, solenoid 12 Volt 24 Volt
14	1	CMA-__ - __ V e.g., CMA-<config>-12V CMA-<config>-24V	Controls Box – Phoenix 12 Volt 24 Volt
15	1	CVS-BB3-__ - __ V e.g., CVS-BB3-<config>-12V CVS-BB3-<config>-24V	Blower box 12 Volt 24 Volt
16	1	CVS-BB__ - __	Module, operator interface CVS-BB<varies with configuration>-<varies with configuration>
17	1	CPX-FPA-__ - __ V e.g., CPX-FPA-<config>-12V CPX-FPA-<config>-24V	Fuel metering pump and filter Assembly 12 Volt 24 Volt

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18	1	CUE-15 or CUP-74	Valve, Motor or Valve, check, air
19	1	CJV	Kit, clamp ring
20	1	CJVS	Kit, ring and seal

Components and assemblies that vary with installation configuration

21	1	CHZ-OCJ__-__	Cone, outlet CHZ-OCJ<configuration>-< Exhaust Pipe Connection Type >
22	1	CUPK-PX-1-____	Kit, fittings
23	1	CUPK-PX-2-____	Kit, hose
24	1	CJB-__-__	Channel backbone
25	1	CHZB-1__	Adapter plate
26	1	CUHK-PX-1-____	Kit, hardware
27	1	CUHK-PX-2-____	Kit, clamps