

**Parts List for the ESW Technologies ThermaCat™e system**

Relating to Executive Order Series DE-12-005

**Effective Date: July 16, 2012**

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**Table 1. ThermaCat™e Main Parts list**

Item	Name	ESW Part #	Description
1	ThermaCat™e Model #245	See Table 2	ESW DOC Module, ESW DPF Module
	Subcomponent DOC	See Table 2	ESW Wiremesh DOC Assembly
	Subcomponent DPF	See Table 2	SiC DPF Assembly
2	Mounting Bracket	02003039	Muffler Mounting Bracket
3	Mounting Bracket Hardware	R006-0001-0028 R006-0003-0012 R006-0003-0013 R006-0002-0010	Socket Head Cap Screws, Flat Washers, Lock Washers And Hex Nuts
4	ThermaCat™e Exhaust Tube Rear Clamp	00102122	Ø5" Band Clamp
5	Wiring Harness	92000009	Wiring Harness
6	Fuel Supply Hose	R008-0001-0175	Fuel Supply Hose
7	Fuel Supply Hose Compression Fitting	R008-0001-0118	Fuel Supply Hose Compression Fitting
8	Back Pressure Hose	R008-0001-0175	Back Pressure Hose
9	Back Pressure Hose Compression Fitting	R008-0001-0118	Back Pressure Hose Compression Fitting
10	Fuel Reservoir	00102129	Fuel Reservoir
11	Safety Inertia Sensor/Fusible Link	R008-0001-0092 R008-0001-0108	Safety Inertia Sensor/Fusible Link
12	Frame Clips And Hardware	R006-0009-0007 R006-0010-0001	Frame Clips And Hardware
13	Thermocouple Adaptor	R008-0001-0032	Thermocouple SS Adaptor
14	Double Pinch SS Hose & Tube Clamp	R008-0001-0167	31/64" to 19/32" Clamp Diameter Range

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**Table 1. Continued**

Item	Name	ESW Part #	Description
15	Injector Assembly Gasket	91002005	Injector Assembly Gasket
16	Fuel Injector Assembly	00102083	Fuel Injector Assembly
17	Injector Assembly Band Clamp	00102122	Ø5" Band Clamp
18	Injector Exhaust Tube Front Clamp	00102122	Ø5" Band Clamp
19	Injector Exhaust Tube Rear Clamp	00102122	Ø5" Band Clamp
20	Control Unit (ECU)	92001041	Electronic Control Unit (ECU)
21	Temp Sensors	92003013	Thermocouple
	Temp Sensors	92003013	Thermocouple
	Temp Sensors	92003030	Thermocouple
22	LED Display	92001138	Driver Interface Display
23	MAP Sensor	92003008	Turbo Boost Pressure
24	Fuel Pump Assembly	92000120	Fuel Metering Pump
25	Backpressure Sensor	91001004	Pressure Sensor
	Backpressure Sensor	92001129	Pressure Sensor
26	Nozzle	92002004	Diesel Fuel injection Nozzle
27	Red Light Buzzer (optional)	91003015	Universal Buzzer
28	Miscellaneous Components Kit		Backpressure tubing, Clamps, Fittings, etc.

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**Table 2. ThermaCat™e System Sizing Components**

System Number		DOC		DPF	
Flat Flange	Interlocking Flange	Size	Part Number	Size	Part Number
243102	143102	8.0x9	24300228	9x10	24350227
243112	143122	8.0x9	24300228	9x12	24350226
244102	144102	9.5x9	24400228	10.5x10	24450227
244122	144112	9.5x9	24400228	10.5x12	24450226
245102	145102	10.5x9	24500228	11.25x10	24550227
245122	145122	10.5x9	24500228	11.25x12	24550226
245142	145142	10.5x9	24500228	11.25x14	24550252
246102	146102	11.25x9	24600228	12x10	24650227
246122	146122	11.25x9	24600228	12x12	24650226
246142	146142	11.25x9	24600228	12x14	24650252
247102	147102	13.5x9	24700228	15x10	24750227