

ESW Technologies ThermaCat™ Off-Road System Parts List

Relating to Executive Order Series DE-09-010

Effective Date: October 23, 2015

Description	Qty	Part Number
ThermaCat™ Off-Road System		See Table 1 below
Inlet Can	1	_4_0_ _ _ _ <Flange Type>4<DPF Size>0<Varies by Configuration ^a > Flange Type: 1 – Interlocking, 2 – Flat DPF Size: 2 – 7.5”, 3 – 9”, 4 – 10.5”, 5 – 11.25”, 6 – 12”
Module Gasket	0 to 3	_4_00249 <Flange Type>4<DPF Size>00249 Flange Type: 1 – Interlocking, 2 – Flat DPF Size: 2 – 7.5”, 3 – 9”, 4 – 10.5”, 5 – 11.25”, 6 – 12”
Module Clamp	2 or 3	_4_00250 <Flange Type>4<DPF Size>00250 Flange Type: 1 – Interlocking, 2 – Flat DPF Size: 2 – 7.5”, 3 – 9”, 4 – 10.5”, 5 – 11.25”, 6 – 12”
DOC Module	1	See Table 1 below
DPF Module	1	See Table 1 below
Outlet Can	1	_4_0_ _ _ _ <Flange Type>4<DPF Size>0<Varies by Configuration ^a > Flange Type: 1 – Interlocking, 2 – Flat DPF Size: 2 – 7.5”, 3 – 9”, 4 – 10.5”, 5 – 11.25”, 6 – 12”
System Mounting Kit	1	0200_ _ _ _ 0200<Varies by Configuration ^a >
Fuel Pump Assembly	1	9200012 ^b 9200012<Voltage> Voltage: 0 – 12V, 1 – 24V
Fuel Reservoir	1	001041_ _ 001041<Mounting Configuration> Mounting Configuration: 29 – Top, 31 – Bottom, 34 – Middle
Fuel Supply Hose Kit	1	00100138
Fuel Injection Nozzle	1	91002004
Fuel Filter	1	R008-0001-0182
Fuel Injection Hose Assembly	1	00100_ _ _ 00100<Varies by Length ^c >
MLC ^d or ECU ^f Module	1	CMKT-6.0_ CMKT-6.0<Varies by Production Run ^e > or 91001022
LED ^g , Green LED ^g , Amber LED ^g , Red or Dashboard Indicator LED ^g Assembly	1	CUE-300 ^b CUE-301 ^b CUE-302 ^b or 91000140 ^h

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Description	Qty	Part Number
Wire Harness	1	91_____ 91<Varies by Configuration ⁱ >
Thermocouple	2	CMA-4 ^b and/or CMA-4-6 ^b or 91003004 ^h
Backpressure Sensor	1	CUE-45 ^b or 92001____ ^b 92001<Manufacturer Code> Manufacturer Code: 004, 070, 129
Backpressure Hose Kit	1	00100138
RPM ^j Sensor (optional)	0 to 1	CMA-3 (3/4-16 thread) ^b or CMA-3DUAL (3/4-16 thread with dual pick-ups) ^b or CMA-6 (5/8-16 thread) ^b or CMA-6DUAL (5/8-16 thread with dual pick-ups) ^b
Replacement System Label	1 ^k	51000039

^a – ESWT assigns a specific 4 digit code for each configuration.

^b – This part is used only with the MLC controller.

^c – ESWT assigns a specific 3 digit code for each hose length required for installation.

^d – Monitor Logger Controller (MLC).

^e – ESWT assigns a specific 1 digit code for each production run.

^f – Electronic Control Unit (ECU).

^g – Light Emitting Diode (LED).

^h – This part is used only with the Purifi ECU.

ⁱ – ESWT assigns a specific 6 digit code for each configuration.

^j – Revolutions Per Minute (RPM).

^k – Only supplied when original label is lost.

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Table 1. ThermaCat™ Off-Road System Sizing Components

System Number	DOC		DPF	
	Dimensions (inch x inch)	Part Number	Dimensions (inch x inch)	Part Number
Y42121	7.5 X 9.0	Y420XXXX	7.5 X 12.0	Y4200226
Y43081	8.0 X 9.0	Y430XXXX	9.0 X 8.0	Y4300263
Y43121	8.0 X 9.0	Y430XXXX	9.0 X 12.0	Y4300226
Y44081	9.5 X 9.0	Y440XXXX	10.5 X 8.0	Y4400263
Y44101	9.5 X 9.0	Y440XXXX	10.5 X 10.0	Y4400227
Y44121	9.5 X 9.0	Y440XXXX	10.5 X 12.0	Y4400226
Y45081	10.5 X 9.0	Y450XXXX	11.25 X 8.0	Y4500263
Y45101	10.5 X 9.0	Y450XXXX	11.25 X 10.0	Y4500227
Y45121	10.5 X 9.0	Y450XXXX	11.25 X 12.0	Y4500226
Y45141	10.5 X 9.0	Y450XXXX	11.25 X 14.0	Y4500252
Y46081	11.25 X 9.0	Y460XXXX	12.0 X 8.0	Y4600263
Y46101	11.25 X 9.0	Y460XXXX	12.0 X 10.0	Y4600227
Y46121	11.25 X 9.0	Y460XXXX	12.0 X 12.0	Y4600226

The value of Y varies by flange type: 1 – Interlocking, 2 – Flat.

The value of XXXX varies by Attachment to Inlet Can: 3228 – Clamped, 3ZZZ (3< Varies by Configuration^a > – Welded.

^a – ESWT assigns a specific 3 digit code for each configuration.