

## 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 <sup>a</sup> > 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 <sup>a</sup> > 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 <sup>a</sup> >
Fuel Pump Assembly	1	9200012 <sup>b</sup> 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 <sup>c</sup> >
MLC <sup>d</sup> or ECU <sup>f</sup> Module	1	CMKT-6.0_ CMKT-6.0<Varies by Production Run <sup>e</sup> > or 91001022
LED <sup>g</sup> , Green LED <sup>g</sup> , Amber LED <sup>g</sup> , Red or Dashboard Indicator LED <sup>g</sup> Assembly	1	CUE-300 <sup>b</sup> CUE-301 <sup>b</sup> CUE-302 <sup>b</sup> or 91000140 <sup>h</sup>

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

<sup>a</sup> – ESWT assigns a specific 4 digit code for each configuration.

<sup>b</sup> – This part is used only with the MLC controller.

<sup>c</sup> – ESWT assigns a specific 3 digit code for each hose length required for installation.

<sup>d</sup> – Monitor Logger Controller (MLC).

<sup>e</sup> – ESWT assigns a specific 1 digit code for each production run.

<sup>f</sup> – Electronic Control Unit (ECU).

<sup>g</sup> – Light Emitting Diode (LED).

<sup>h</sup> – This part is used only with the Purifi ECU.

<sup>i</sup> – ESWT assigns a specific 6 digit code for each configuration.

<sup>j</sup> – Revolutions Per Minute (RPM).

<sup>k</sup> – 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<sup>a</sup> > – Welded.

<sup>a</sup> – ESWT assigns a specific 3 digit code for each configuration.