

# HARLEY DAVIDSON FLS Softail 2008 to 2012

## Twin Cam 96 motor

### Parts list for MCS 6220 kit

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	1	MCS 8000C	Computer
2	1	MCS 6149A	No engine crash bar computer mounting bracket
OR			
3	1	MCS 6229A	Engine crash bar computer mounting bracket
4	1		M8 x 25 button head cap screw
5	6		8mm x 19mm flat washers (5/16" x 3/4")
6	1		M8 Nyloc nut
7	4 lengths		Foam tape 6cm long
8	1 length		Adhesive Velcro 5cm long
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		<u>MCS 6222</u>	<u>Electric throttle servo assembly</u>
9	1	MCS 850	Throttle servo
10	1	MCS 850C	Servo nose
11	3		M5 x 12 pan head screws
12	1		3/4" x 3/32" (19 x 3mm) 'O' ring
13	1	MCS 850B	Cable sealing boot
14	1 length		Foam tape 16cm long
15	2	HoseClamp36	Hose clamp 46~70mm
16	2 lengths	HST9	9mm heat shrink tube 17cm long (fitted to hose clamps)
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17	1	MCS 6225	Throttle servo cable
18	6	MCS 054	Wire ring cable retainer (2 spare)
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		<u>MCS 6144</u>	<u>Control Switch assembly (standard)</u>
19	1	MCS 820-90	Control Switch
20	1	MCS 830R	Switch bracket
	4		4 gauge x 1/2" pan head self-tap screws
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21	1	<u>MCS 6141</u>	<u>Wiring harness</u>
a			Computer plug (26 pin)
b			Fuse holder (3 amp fuse)
c			Tach sensor connector (yellow)
c1			Tach sensor pigtail
d			Speed sensor connector (blue/black wire)
d1			Speed sensor pigtail
e			Actuator plug (4 pin)
f			Power & brake sensor (orange and grey wires)
g			Ground connector (black wire)
h			Control switch plug (6 pin)
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	1	HoseClamp6	Hose clamp 8~22mm (for fuel tank crossover hose)
	1 bottle		Throttle cable oil
	10cm	HST6	6mm heat shrink tube
	10cm	HST3	3mm heat shrink tube
	4	H1527	Single splice terminals
	10		100mm cable ties
	10		150mm cable ties
	10		200mm cable ties
	6		300mm cable ties

Information, Set up and Operation Manual  
 Operation and User Manual  
 Installation Manual  
 Trouble shooting guide

