

# BMW F800ST

## Parts list for MCS 4500 kit

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	1	MCSU 400C	Computer
2	3		Foam mounting tape – 8cm long
		<u>MCS 4502</u>	<u>Vacuum actuator assembly</u>
3	1	MCS 574	Vacuum actuator
4	1	MCS 574D SP	top (solenoid) cover (silver pearl finish)
5	1	MCS 574E SP	bottom (diaphragm) cover (silver pearl finish)
6	1	MCS 574F	grommet
	3		6g x 1/2" self tap screw
	1		6g x 3/8" self tap screw
7	1	MCS 4502A	Actuator mounting bracket
8	1		M10 x 1.5 x 25 socket head cap screw
9	2		10mm flat washer
		<u>MCS 4507</u>	<u>Vacuum hose assembly</u>
10	2	MCS 032	Vacuum stop valve
11	1	MCS 031	Vacuum 'T' connector
12	2	MCS 4507A	Vacuum 'T' connector 4mm Vacuum hose
		<u>MCS 4504</u>	<u>Switch assembly</u>
13	1	MCS 820	Control Switch
14	1	MCS 4504A	Switch bracket (MCS 830P)
	4		4 gauge x 1/2" stainless steel pan head self tap screw
	1		100mm cable tie
15	1		M5 x 35 socket head cap screw
16	7		5mm flat washer
17	1	MCS 4501	Wiring loom
a			Computer plug (26 pin)
b			Fuse holder (3 amp fuse)
c			Tach sensor connector (yellow wire)
c 1	1	MCS 4501 C	Tach sensor pigtail (yellow wire)
d			Speed sensor (co-axial wire)
e			Actuator plug (4 pin)
f			Brake sensor connector (grey wire)
g			Hydraulic brake light switch plug (2 pin)
h			Power connector (orange wire)
h 1	1	MCS 4501 G	Power connector pigtail (orange wire)
i			Ground connector (black wire)
j			Control switch plug (6 pin)
18	1	MCS 558A	Banjo bolt brake light pressure switch (M10 x 1)
19	2	MCS 558B	10mm sealing washers
		<u>MCS 4505</u>	<u>Cable Interface Unit (CIU) assembly</u>
20			
21	1	MCS 4505A	CIU housing
22	1	MCS 003F	Actuator spool

23	1	MCS 4506	Carburettor spool
24	1	MCS 4506A	Throttle spool
25	1	MCS 003H	Bush
26	1	MCS 003K	End Cap
27	1		M5 x 45 bolt (pivot bolt)
28	1		M5 Nyloc nut
29	2		5mm plated flat washer
30	1		M4 x 10 pan head screw (actuator cable retainer)
31	1	MCS 4505B	CIU mount bracket
32	2		M6 x 16 socket head cap screw
33	2		6mm flat washer
34	1	MCS 4508	Carburettor cable
35		<u>MCS 4503</u>	<u>Speed sensor assembly</u>
36	1	MCS 4503A	Speed sensor bracket
37	1	MCS 027	Speed sensor
38	3		6mm flat washer
39	1		6mm Nyloc nut
40	1		M10 x 1.25 x 50 high tensile bolt
41	2		10mm flat washer
42	6	MCS 4503D	2mm thick x 10mm ID x 16mm OD shim washers
43	3	MCS 003X	Cable tie mount tabs
	5	MCS 046	4.75mm dia x 4.75mm long magnet
	15		100mm cable ties
	10		200mm cable ties
	5		300mm cable ties

Terminals for splice connections (power, tach sensor)

6	H 1527	Splice terminal (small single)
10cm	HST3	Heat shrink tube
10cm	HST6	Heat shrink tube

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

