

BMW F800GS

Parts list for MCS 4650 kit

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	1	MCSU 400C	Computer
2	1	MCS 4659A	Mount bracket
3	4		M4 x 8 Pan head screw
4	4		4mm flat washer
5	4		M4 Nyloc nut
6	2cm		Foam mounting tape
7	1		6mm x 19m flat washer (spacer for the bike's power relay)
		<u>MCS 4652</u>	<u>Vacuum actuator assembly</u>
8	1	MCS 574	Vacuum actuator
9	1	MCS 574D BS	top (solenoid) cover (black satin finish)
10	1	MCS 574E BS	bottom (diaphragm) cover (black satin finish)
11	1	MCS 574F	grommet
	3		6g x 1/2" self tap screw
	1		6g x 3/8" self tap screw
12	1	MCS 4652A	Actuator mounting bracket
13	1		6mm flat washer
14	1	MCS 4658A	Actuator cable guard
15	1	MCS 003X	Cable tie mount tab
16	3		6mm flat washer
		<u>MCS 4657</u>	<u>Vacuum hose assembly</u>
17	2	MCS 032	Vacuum stop valve
18	1	MCS 031	Vacuum 'T' connector
19	2	MCS 4507A	Vacuum 'T' connector 4mm Vacuum hose
		<u>MCS 4654</u>	<u>Switch assembly</u>
20	1	MCS 820-90cm	Control Switch (90cm lead)
21	1	MCS 830L	Switch bracket (MCS 4654A)
	4		4 gauge x 1/2" stainless steel pan head self tap screw
	1		100mm cable tie
22	1	MCS 4651	Wiring loom
a			Computer plug (26 pin)
b			Fuse holder (3 amp fuse)
c			Tach sensor connector (yellow wire)
c 1	1	MCS 4651 C	Tach sensor pigtail (yellow wire)
d			Speed sensor (co-axial wire)
e			Actuator plug (4 pin)
f			Brake resistor power (grey wires)
g			Brake resistor ground (black wire)
h			Brake sensor connector (grey wire)
h 1	1	MCS 4651 H	Brake sensor pigtail (grey wire)
i			Hydraulic brake light switch plug (2 pin)
j			Power connector (orange wire)
j 1	1	MCS 4651 G	Power connector pigtail (orange wire)
k			Ground connector (black wire)

1			Control switch plug (6 pin)
23	1	MCS 4651 FD	Blocking diode
24	1	MCS 100	Brake load resistor
25	1	MCS 558A	Banjo bolt brake light pressure switch (M10 x 1)
26	2	MCS 558B	10mm sealing washers
27		<u>MCS 4655</u>	<u>Cable Interface Unit (CIU) assembly</u>
28	1	MCS 4655A	CIU housing
29	1	MCS 003F	Actuator spool
30	1	MCS 4656	Carburettor spool
31	1	MCS 4656A	Throttle spool
32	1	MCS 003H	Bush
33	1	MCS 003K	End Cap
34	1		M5 x 45 button head cap screw (pivot bolt)
35	1		M5 Nyloc nut
36	2		5mm plated flat washer
37	1		M4 x 10 pan head screw (actuator cable retainer)
38	1	MCS 4655B	CIU mount bracket
39	2		M6 x 8 bolt
40	2		6mm flat washer
41	1	HoseClamp10	Hose clamp
42	8cm		Foam mounting tape
43	1	MCS 4508	Carburettor cable
		<u>MCS 4653</u>	<u>Speed sensor assembly</u>
44	1	MCS 4653A	Speed sensor bracket
45	1	MCS 027	Speed sensor
46	4		6mm flat washer
47	1		6mm Nyloc nut
	8	MCS 043	4mm dia x 5mm long magnet (2 spares)
	2 ml		Throttle cable oil (Singer industrial sewing machine oil)
	20		100mm cable ties
	15		150mm cable ties
	10		200mm cable ties
	5		300mm cable ties

Terminals for splice connections (power, brake & tach sensor)

12	H 1527	Splice terminal (small single)
20cm	HST3	Heat shrink tube
20cm	HST6	Heat shrink tube

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

