

# BMW R1150GS Integral ABS 3

## Parts list for MCS 4010 Evo (Later model with BMW evolution brakes and ABS 3)

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1.	1	MCS 4010C	Computer
2.	1	MCS 001	Foam block for computer
		<u>MCS4012</u>	<u>Vacuum actuator assembly</u>
3.	1	MCS 574	Vacuum actuator
4.	1	MCS 4012A	Actuator mounting bracket
5.	1	MCS 574D SP	top (solenoid) cover (silver pearl finish)
6.	1	MCS 574E SP	bottom (diaphragm) cover (silver pearl finish)
	1	MCS 574F	grommet
	3		6g x 1/2" self tap screw
	1		6g x 3/8" self tap screw
7.	1.2 metres		4mm vacuum hose
8.	1	MCS 031	Vacuum 'T' connector
9.	2	MCS 032	Vacuum stop valve
10.	1	MCS 4011E	Wiring loom
a			Computer plug (26 pin)
b			Fuse holder (3 amp fuse)
c			Tach sensor wire & pigtail (yellow wire)
d			Speed sensor connectors (co-axial wire)
e			Actuator plug (4 pin)
f			Brake sensor wire (grey wire)
g			Power wire & pigtail (orange wire)
h			Ground connector (black wire)
i			Neutral sensor wire & pigtail (blue wire)
j			Control switch plug (6 pin)
		<u>MCS4014</u>	<u>Switch assembly</u>
11.	1	MCS 820	Switch
12.	1	MCS830F-SB	Switch bracket
	1	MCS 830Z	Switch back cover
	4		4 gauge x 1/2" pan head self tap screw
	1		100mm cable tie
13.	2		M4 x 20 pan head metal thread screws
14.	2		4mm flat washer
		<u>MCS 4015</u>	<u>Cable Interface Unit (CIU) assembly</u>
15.			
16.	1	MCS 4015A	CIU housing
17.	1	MCS 003M	Actuator cable spool
18.	1	MCS 4016	Carburettor (throttle body) cable spool
19.	1	MCS 4016A	Throttle grip cable spool
20.	1	MCS 003H	Bush
21.	1	MCS 003J	End Cap
22.	1		Pivot bolt M5 x 45 plated bolt
23.	1		Pivot nut M5 Nyloc nut
24.	2		5mm plated flat washer
25.	1		M4 x 6 pan head screw (actuator cable retainer)

26.	1	MCS4015B	CIU mounting bracket
27.	1		M6 x 16mm socket head cap screw
28.	1	MCSU 427	Inner throttle cable (wire rope with barrel nipple)
29.	2	MCSU 425-C	Throttle cable adjuster – coarse thread (M6 x 1)
30.	2		M6 lock (thin) nut – coarse thread (M6 x 1)
31.	1	MCSU 425-BMW	Throttle cable adjuster – fine thread (M6 x 0.75)
32.	1	MCS 003W	Throttle cable retainer
33.	3	MCS 054	Spring clip
34.	2	MCSU 426A	Grub screw cable nipple
35.	4		M4 x 4 socket set screw (grub screw)
36.	4	BLP 250	Boot lace pin (2 spare)
	2		2mm short arm hex key
		<u>MCS 4019</u>	<u>Speed sensor assembly (BMW evolution brakes)</u>
37.	1	MCS 4019A	Speed sensor bracket
38.	1		M8 x 40 high tensile socket head cap screw
39.	6		8mm plated flat washers (spacers)
40.	1	MCS 027	Speed sensor
41.	1		M6 Nyloc nut
42.	3		6mm plated flat washer
	5	MCS 046	magnet, 4.75mm dia x 4.75mm long
	15		100mm cable ties
	15		200mm cable ties
	10		300mm cable ties
	3	H 1527	Splice terminal (power connection)
	5cm	HST3	Heat shrink tube
	5cm	HST6	Heat shrink tube
	3	H 1527	Splice terminal (tach sensor connection)
	5cm	HST3	Heat shrink tube
	5cm	HST6	Heat shrink tube
	3	H 1527	Splice terminal (clutch sensor connection)
	5cm	HST3	Heat shrink tube
	5cm	HST6	Heat shrink tube

Information, Set up and Operation Manual  
Operation and User Manual  
Installation Manual R1150GS Evolution  
Trouble shooting guide

# Parts list drawing

