

BMW R1200GS 2007~8 (Non-Servo Assisted Integral ABS)

Not for models with ESA or LED tail/brake lights

Parts list for MCS 4590 kit

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	1	MCSU 400C	Computer
2	8cm		Foam mounting tape
		<u>MCS 4352</u>	<u>Vacuum actuator assembly</u>
3	1	MCS 574	Vacuum actuator
4	1	MCS 4352A	Actuator bracket
5	6cm		Foam mounting tape
6	1	HoseClamp 12	Hose clamp 18~32 mm diameter
7	1	MCS 574D SB	top (solenoid) cover (satin black finish)
8	1	MCS 574E SB	bottom (diaphragm) cover (satin black finish)
	1	MCS 574F	grommet
	3		6g x 1/2" self tap screw
	1		6g x 3/8" self tap screw
		<u>MCS 4357</u>	<u>Vacuum hose assembly</u>
9	2	MCS 032	Vacuum stop valve
10	1	MCS 031	Vacuum 'T' connector
11			4mm Vacuum hose
12	1	MCS 4351	Wiring loom
a			Computer plug (26 pin)
b			Fuse holder (3 amp fuse)
c			Tach sensor connector (yellow wire)
c 1	1	MCS 4351 C	Tach sensor pigtail (yellow wire)
d			Speed sensor (co-axial wire)
e			Actuator plug (4 pin)
f			Hydraulic brake light switch plug (2 pin)
g			Power connector (orange wire)
g 1	1	MCS 4351 G	Power connector pigtail (orange wire)
h			Brake sensor connector (grey wire)
i			Ground connector (black wire)
j			Control switch plug (6 pin)
13	1	MCS 558	Banjo bolt brake light pressure switch (M10 x 1)
14	2		10mm sealing washers
		<u>MCS 4354</u>	<u>Switch assembly</u>
15	1	MCS 820	Control Switch
16	1	MCS 830L	Switch bracket (MCS 4354A)
	4		4 gauge x 1/2" stainless steel pan head self tap screw
	1		100mm cable tie
17		<u>MCS 4595</u>	<u>Cable Interface Unit (CIU) assembly</u>
18	1	MCS 4355A	CIU housing
19	1	MCS 003M	Actuator spool
20	1	MCS 4356	Carburettor spool
21	1	MCS 4356A	Throttle spool

22	1	MCS 003H	Bush
23	1	MCS 003J	End Cap
24	1	MCS 4358	Throttle cable retainer
25	1		M6 x 25 bolt
26	8		6mm flat washer
27	1		M5 x 50 bolt (pivot bolt)
28	1		M5 Nyloc nut
29	6		5mm plated flat washer
30	1		M4 x 6 (or 8) pan head screw (actuator cable retainer)
31	1	MCS 4595B	CIU mounting bracket
		<u>MCS 4353</u>	<u>Speed sensor assembly</u>
32	1	MCS 4353A	Speed sensor bracket
33	1	MCS 027	Speed sensor
34	3		6mm flat washer
35	1		6mm Nyloc nut
36	1		M8 x 45 socket head cap screw
37	9		8mm flat washer
	5	MCS 046	4.75mm dia x 4.75mm long magnet
	15		100mm cable ties
	15		150mm cable ties
	10		200mm cable ties
	10		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

