

BMW R1200GS 2008~2013 with LED tail/brake lights

Parts list for MCS 6120 kit

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	1	MCSU 400C	Computer
2	1	MCS 4769A	Computer mounting bracket
	15cm		Foam tape
3	4		M4 x 10 pan head screws
4	8		4mm flat washers
5	4		M4 Nyloc nuts
		<u>MCS 6122</u>	<u>Electric throttle servo assembly</u>
6	1	MCS 850	Electric throttle servo
7	1	MCS 850C	Servo nose
8	3		M4 x 12 pan head screws
9	1		3/4" x 3/32" (19 x 3mm) 'O' ring
10	1	MCS 850B	Cable sealing boot
11	2	MCS 054	Wire ring cable retainer (1 spare)
12	1	MCSSC 500	500mm Servo cable
13	2	HoseClamp 36	Hose clamp 46~70 mm diameter
14	16cm		Foam tape
15	1	MCS 6128	Wiring harness
a			Computer plug (26 pin)
b			Fuse holder (3 amp fuse)
c			Tach sensor connector (yellow wire)
c1	1	MCS 6128 C	Tach sensor pigtail (yellow wire)
d			Speed sensor (co-axial wire)
e			Throttle servo plug (4 pin)
f			Brake resistor active (grey wires)
g			Brake resistor ground (black wire)
h			Brake sensor connector (grey wire)
h1	1	MCS 6128 H	Brake connector pigtail (grey wire)
i			Hydraulic brake light switch plug (2 pin)
j			Power connector (orange wire)
j1	1	MCS 6128 J	Power connector pigtail (orange wire)
k			Ground connector (black wire)
l			Control switch plug (6 pin)
m	1	MCS 100	Brake load resistor (connect to f & g)
16	1	MCS 558	Banjo bolt brake light pressure switch (M10 x 1)
17	2		10mm sealing washers
		<u>MCS 4764</u>	<u>Switch assembly</u>
18	1	MCS 820	Control Switch
19 a	1	MCS 830L	Optional Low switch bracket
b	OR	MCS 830W	Standard Medium switch bracket
c	OR	MCS 830U	Optional Tall switch bracket
	4		4 gauge x 1/2" stainless steel pan head self tap screw
	1		100mm cable tie
20		<u>MCS 6125</u>	<u>Cable Interface Unit (CIU) assembly</u>

21	1	MCS 6125A	CIU housing
22	1	MCS 003M	Actuator spool
23	1	MCS 6126	Carburettor spool
24	1	MCS 6126A	Throttle spool
25	1	MCS 003H	Bush
26	1	MCS 003J	End Cap
27	1	MCS 4358	Throttle cable retainer
28	1		M6 x 25 button head cap screw
29	12		6mm flat washer
30	1		M5 x 50 bolt (pivot bolt)
31	1		M5 Nylok nut
32	6		5mm plated flat washer
33	1		M4 x 8 pan head screw (actuator cable retainer)
34	1	MCS 4595C	CIU mounting bracket
		<u>MCS 4353</u>	<u>Speed sensor assembly</u>
35	1	MCS 4353A	Speed sensor bracket
36	1	MCS 027	Speed sensor
37	3		6mm flat washer
38	1		6mm Nylok nut
39	1		M8 x 45 socket head cap screw
40	9		8mm flat washer (8mm x 16mm)
	7	MCS 043	4mm dia x 5mm long magnet (2 spares) (for bikes with new flat top disc mounting bolts)
	1 bottle		Throttle cable oil (Singer industrial sewing machine oil)
	20		100mm cable ties
	15		150mm cable ties
	10		200mm cable ties
	10		300mm cable ties

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

6	H 1527	Splice terminal (small single)
15cm	HST3	Heat shrink tube
15cm	HST6	Heat shrink tube

Information, Set up and Operation Manual (electric servo)
 Operation and User Manual
 Installation Manual
 Trouble shooting guide (electric servo)

