

Polaris Ranger 500 EFI 4x4 and 2x4 2006

Parts list for Kit MCS 2270 2x4 (uses a Polaris speedometer speed sensor on the wheel)
& Kit MCS 2270 4x4 (uses a drive shaft mounted speed sensor)

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	1	MCS 2270C 2x4	Computer OR
	1	MCS 2270C 4x4	Computer
2	4		M4 x 10 pan head screws
3	4		4mm flat washers
4	4		M4 Nyloc nuts
		<u>MCS 2272</u>	<u>Electric actuator assembly</u>
5	1	MCS 810	Electric actuator (throttle servo)
6	1	MCS 2022A	Actuator bracket
	3		M6 x 10 pan head screw
	3		6mm spring washer
7	2	F20018	M6 guard clip
8	2	W550	M6 x 20mm bolt and flat washer
9	1	MCSAC850	Actuator cable
10	1	MCS 2271	Wiring loom
a			Computer plug (26 way)
b			Cruise control power fuse (5 amp)
c			Spray power control relay
d			Spray power outlet plug (yellow & black wires)
e			Cruise control power connector (orange or orange/white wire)
f			Ground connector (black wires, connect to battery -ve)
g			Spray power fuse (10 amp)
h			Spray power connector (red wire, connect to battery +ve)
i			Neutral sensor connector (green or green/white wire)
j			Brake sensor connectors (orange and brown wires)
k			Actuator plug (4 way plug)
l			Control switch plugs (six and three way plugs)
m			Speed sensor plug (three way plug)
		<u>MCS 2270FWS</u>	<u>Front wheel speed sensor kit (only with 2x4 kit)</u>
11	1	MCS 556	Polaris front wheel speed sensor
12	1	MCS 557	Polaris speed sensor cap
13	1		1/4UNC x 5/8" bolt
14	1		6mm flat washer
		<u>MCS 2270DTS</u>	<u>Drive train speed sensor assembly (only with 4x4 kit)</u>
15	1	MCS 076	Speed sensor
16	1	MCS 2274A	Sensor mount bracket
17	1		M6 x 16 bolt
18	2		6mm flat washers
19	1		M6 Nyloc nut
20	2		1/4UNC x 3/4" bolt
21	2		6mm flat washer
22	2	MCS 2279A	Tone wheel segments
23	2		M6 x 12 bolts
24	4		6mm flat washers
25	2		M6 Nyloc nuts
26	2		M4 x 8 pan head screws

27	4		4mm flat washers
28	2		M4 Nyloc nuts
29	1	HoseClamp12	Hose clamp
30	1	MCS 211	Control switch assembly
31	2		8g x 3/8" self tapping screws
32	2		M4 x 12 pan head screws
33	4		4mm flat washers
34	2		M4 Nyloc nut
35	1	<u>MCS 2275</u>	<u>CIU assembly</u>
36	1	MCS 2275A	CIU body
37	1	MCS 003M	Actuator spool
38	1	MCS 2276	Carburettor spool
39	1	MCS 2276A	Throttle spool
40	1	MCS 003H	CIU pivot bush
41	1	MCS 003J	End cap
42	1		M5 X 45 bolt (pivot bolt)
43	2		5mm flat washer
44	1		M5 Nyloc nut
45	1		M4 x 6 pan head screw (actuator cable retainer)
46	1	MCS 2275B	CIU mount bracket
47	1	MCS 067	Slotted cable nipple
48	1		6mm flat washer (for original throttle cable adjuster)
49	1	MCS 2278	Carburettor cable
50	1	JD 046	Spray power plug
	2		8g x 3/8" self tap screws
51	2	H 3555	Terminals for spray power plug
52	2	H 1192	6.3mm spade terminal (one spare for mistakes)
53	1	H 2805	Pre-fit insulator for above
	15		150mm cable ties
	15		300mm cable ties
			Installation Instructions (including warranty sheet)
			Operating Instructions
			Trouble shooting guide



