

# Polaris Ranger 500 EFI 2007

**Only for vehicles fitted with Polaris speedometer & digital gear position indicator**

**Parts list for Kit MCS 2350 (uses a Polaris speedometer speed sensor on the wheel)  
& Kit MCS 2350S (uses a drive shaft mounted speed sensor. Will NOT fit 2x4)**

<b>Item</b>	<b>Qty</b>	<b>Part Number</b>	<b>Description</b>	
1	1	MCS 2350C	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 2341	Wiring loom	
a			Computer plug (26 way)	
b			Cruise control power fuse (5 amp)	
c			Spray power control relay	
d			Electronic neutral switch plug (4 way plug)	
e			Spray power outlet plug (yellow & black wires)	
f			Cruise control power connector (orange or orange/white wire)	
g			Ground connector (black wires, connect to battery -ve)	
h			Spray power fuse (10 amp)	
i			Spray power connector (red wire, connect to battery +ve)	
j			Neutral sensor connector (green or green/white wire)	
k			Brake sensor connectors (orange and brown wires)	
l			Actuator plug (4 way plug)	
m			Control switch plugs (six and three way plugs)	
n			Speed sensor plug (three way plug)	
11	1	MCS 2113	Electronic Neutral Switch	
	2		Double sided adhesive pads	
		<u>OPTIONAL</u>	<u>MCS 2341A</u>	<u>Speedometer connection kit (only with MCS2350 kit)</u>
12	1	MCS 2341B	Speedometer sensor patch loom	
13	2	H2590	4.8mm QC spade receptacle (one spare for mistakes)	
14	1	H2088	Pre-fit insulator for above	
		<u>OPTIONAL</u>	<u>MCS 2270DTS</u>	<u>Drive train speed sensor assembly (only with MCS2350S 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	1		1/4"UNC x 3/4" bolt	
21	1		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 1972	6.3mm spade receptacle (one spare for mistakes)
53	1	H 1135	Pre-fit insulator for above
54	2	H 1192	6.3mm spade terminal (one spare for mistakes)
55	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

**Parts list drawing**

