

BRIGGS & STRATTON ALTERNATOR CHART



DC only Alternator

<p>0.5 Amp DC unregulated Output @ 2800 rpm</p> <p>Engine 97700 99700 100600 100800 110000 120000</p> <p>White Connector 1 Black Wire</p> <p>691991 Since 1989 794103 Alternator outside the flywheel</p>	<p>0.5 Amp DC unregulated</p> <p>Engine 110000 120000 200000</p> <p>White Connector 1 Red Wire</p> <p>791743 Since 2007</p>	<p>1.5 Amp DC unregulated</p> <p>Engine 12X400 15X400 20X400 21X400</p> <p>White Connector 1 Black Wire</p> <p>Diode 391507</p> <p>793640 Since 2007</p>	<p>1.2 Amp DC unregulated</p> <p>Engine 104700 130000</p> <p>Red Connector 1 Black Wire</p> <p>494254 Since 1988</p>	<p>3 Amp DC unregulated</p> <p>Engine 130200</p> <p>Diode 391507</p> <p>Red Connector 2 Red Wires, 1 Black Wire</p> <p>394250 Since 1979</p>
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System 3® / System 4®

0.5 Amp DC unregulated Output @ 2800 rpm

Engine
90000
110000

White Connector
1 Black Wire

397880 Since 1981
Alternator outside the flywheel

DC only Alternator

<p>3 Amp DC unregulated</p> <p>Engine 110000 120000 200000 210000</p> <p>Diode 391507</p> <p>Red Connector 1 Red Wire</p> <p>695730 Since 2000</p>	<p>2 - 4 Amp DC unregulated</p> <p>Engine 110000 120000 150000 200000</p> <p>White Connector 1 Red Wire</p> <p>Diode 391507</p> <p>694457 Since 1999</p>	<p>2 - 4 Amp DC unregulated</p> <p>Engine 170000 190000 210000 220000 240000 250000 280000 300000 310000 326000 350000 380000</p> <p>Red Connector 1 Red Wire</p> <p>Diode 391507</p> <p>696578 Since 1973</p>	<p>2 - 4 Amp DC unregulated</p> <p>Engine 170000 190000 210000 220000 240000 250000 280000 290000 300000 310000 320000 330000 350000 380000 46X700</p> <p>Red Connector 1 Red Wire</p> <p>Diode 391507</p> <p>White Connector 1 Black Wire, 1 Red Wire</p> <p>793118 Since 2007 795498</p>
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AC only Alternator

14 Volts AC unregulated

Engine
160000
170000
190000
210000
220000
243000
250000
280000
310000
320000
400000
420000
460000

White Connector
1 Black Wire

391595 Since 1974
Small magnets

Dual circuit Alternator

<p>2 - 4 Amp DC / 5 Amp AC 14 Volts AC unregulated</p> <p>Engine 201000 210000</p> <p>White Connector 1 Black Wire, 1 Red Wire</p> <p>Diode 391507</p> <p>790292</p> <p>2 White Connectors 1 Red Wire 1 Yellow Wire 1 Black Wire</p> <p>698230 Since 2002</p>	<p>2 - 4 Amp DC / 5 Amp AC 14 Volts AC unregulated</p> <p>Engine 150000 201000 210000</p> <p>White Connector 1 Black Wire, 1 Red Wire</p> <p>Diode 391507</p> <p>790292</p> <p>2 White Connectors 1 Red Wire 1 Yellow Wire 1 Black Wire</p> <p>696742 Since 2002</p>	<p>Diode 391507</p> <p>White Connector 1 Black Wire, 1 Red Wire</p> <p>790292</p> <p>2 White Connectors 1 Red Wire 1 Yellow Wire 1 Black Wire</p> <p>696459 Since 2007</p>	<p>Diode 391507</p> <p>2 - 4 Amp DC / 5 Amp AC 14 Volts AC unregulated</p> <p>Engine 170000 190000 210000 220000 240000 250000 280000 290000 300000 310000 320000 330000 350000 380000 46X700</p> <p>Diode 391507</p> <p>White Connector 1 Black Wire, 1 Red Wire</p> <p>790292</p> <p>2 White Connectors 1 Red Wire 1 Yellow Wire 1 Black Wire</p> <p>793118 Since 2007 795498</p>
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4 Amp Regulated Alternator

4 Amp DC regulated

Engine
115400
117400
118000
185400
187400

Brass Connector
Plastic sleeves Green Wires to regulator,
1 Green, 1 Red between Armatures

715200

Yellow Connector
1 Red Wire, 2 Green Wires, 1 Black Wire

715255 Since 1994
Small magnets

5 or 9 Amp Regulated Alternator

5 or 9 Amp regulated, Tri-circuit

Engine
698315
110000
120000
150000
200000
210000
280000
300000

Green Connector
1 Black Wire

691188
794360

Green Connector
1 Yellow Wire
Red Connector 1 Red Wire
Small magnet 28 Volts AC
5 Amp DC regulated
Large magnet 40 Volts AC
9 Amp DC regulated

698314 Since 2002

5 or 9 Amp Regulated or Tri-circuit Alternator

5 or 9 Amp DC regulated, Tri-circuit

Engine
160000
170000
190000
210000
220000
250000
260000
280000
290000
300000
310000
320000
330000
350000
380000
400000
420000
440000
460000

691955

Diode 391507

691188
794360

Green Connector 1 Yellow Wire
Red Connector 1 Red Wire
Small magnet 28 Volts AC
5 Amp DC regulated
Large magnet 40 Volts AC
9 Amp DC regulated

698315

Green Connector 1 Yellow Wire
Red Connector 1 Red Wire
Small magnet 28 Volts AC
5 Amp DC regulated
Large magnet 40 Volts AC
9 Amp DC regulated

696457 Since 1988 (5 & 9 Amp)
1976 Tri-circuit

10 Amp Alternator

<p>10 Amp DC regulated</p> <p>Engine 110000 120000 200000 210000</p> <p>Yellow Connector 2 Black Wires</p> <p>691185</p> <p>Yellow Connector 2 Yellow Wires Red Connector 1 Red Wire</p> <p>695466 Since 2000 Small magnets</p>	<p>10 Amp DC regulated High Output</p> <p>Engine 120000</p> <p>Black Connector 2 Black Wires</p> <p>790325</p> <p>2 Black Connectors 2 Black Wires, 1 Red Wire</p> <p>790320 Since 2004</p>	<p>10 Amp DC regulated</p> <p>Engine 117400 138400 185400</p> <p>Yellow Connector 399916 To be ordered separately Green Wires</p> <p>691185</p> <p>Yellow Connector 2 Yellow Wires Red Connector 1 Red Wire</p> <p>715194 Since 1974 Medium magnets</p>	<p>10 Amp DC regulated</p> <p>Engine 23X400 24X400</p> <p>No Connector 2 Black Wires</p> <p>715798 Since 2001</p>	<p>10 Amp DC regulated</p> <p>Engine 230400 240400</p> <p>Yellow Connector 399916 Shipped loose 2 Green Wires</p> <p>691185</p> <p>Yellow Connector 2 Yellow Wires Red Connector 1 Red Wire</p> <p>715262 Since 1988</p>
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13 Amp Power Link™ Alternator

<p>White Connector Black Connector Ivory sheathed wires</p> <p>691573</p> <p>White Connector 2 Yellow Wires 1 Red Wire</p> <p>697810 Since 2002</p>	<p>115 Volts - 60 Hz 13 Amp DC regulated</p> <p>Engine 44X700</p> <p>697261</p> <p>Orange Connector 1 Orange Wire Black Connector 1 Black Wire</p> <p>697992</p> <p>White Sheath 1 Blue Wire White Connector 2 Red Wires Black Connector White Connector Yellow Sheath 1 White Wire, 1 Black Wire, 1 Green Wire</p> <p>841588 Since 2007</p>	<p>White Connector Black Connector 2 Red Wires, 1 Green Wire</p> <p>697261</p> <p>Orange Connector 1 Orange Wire Black Connector 1 Black Wire</p> <p>691573</p> <p>White Connector 2 Yellow Wires, 1 Red Wire</p> <p>697992</p> <p>White Connector 1 Blue Wire, White Connector 2 Red Wires, Black Connector White Connector Yellow Sheath 1 White Wire, 1 Black Wire, 1 Green Wire</p> <p>841833 Since 2007</p>	<p>115 Volts 60 Hz, 13 Amp DC regulated</p> <p>Engine 305000 356000</p> <p>691185</p> <p>Yellow Connector 2 Yellow Wires Red Connector 1 Red Wire</p> <p>697261</p> <p>Connector Orange 1 Orange Wire Black Connector 1 Black Wire</p> <p>697992</p> <p>White Connector 1 Blue Wire White Connector 2 Red Wires Black Connector White Connector Yellow Sheath 1 White Wire, 1 Black Wire, 1 Green Wire</p> <p>841833 Since 2007</p>	<p>White Connector 2 Yellow Wires Black Connector 2 Red Wires, 1 Green Wire</p> <p>697261</p> <p>Orange Connector 1 Orange Wire Black Connector 1 Black Wire</p> <p>809176</p> <p>White Connector 1 Blue Wire White Connector 2 Red Wires Black Connector White Connector Yellow Sheath 1 White Wire, 1 Black Wire, 1 Green Wire</p> <p>809175 Since 2007</p>	<p>115 Volts 60 Hz, 13 Amp DC regulated</p> <p>Engine 35X700</p> <p>697261</p> <p>Orange Connector 1 Orange Wire Black Connector 1 Black Wire</p> <p>697992</p> <p>White Connector 1 Blue Wire White Connector 2 Red Wires Black Connector White Connector Yellow Sheath 1 White Wire, 1 Black Wire, 1 Green Wire</p> <p>697992</p>
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10, 13 and 16 A DC Regulated or Quad Circuit Alternator

10, 13, 16 Amp DC regulated, Quad-Circuit
(regulated battery charge but unregulated lights)

Engine
(10 A.) 160000
(16 A.) 220000
170000
190000
200000
250000
280000
290000
300000
310000
320000
330000
350000
380000
400000
420000
460000
480000

691185

Yellow Connector 2 Black Wires

493219

Yellow Connector 2 Yellow Wires
Red Connector Red Wire
Small Magnets = 20 Volts AC @ stator and
10 Amp DC regulated
Medium Magnets = 20 Volts AC @ stator
and 13 Amp DC regulated
Large Magnets = 30 Volts AC @ stator and
16 Amp DC regulated

808877

Yellow Connector 2 Yellow Wires
White Connector
1 Brown Wire
1 Orange Wire
1 Red Wire

397809

Yellow Connector 2 Yellow Wires
Double White Connector
1 Red Wire (charge)
1 Blue Wire (charge indicator light)

White Connector 2 Yellow Wires
White Connector
Black Wire = 8 Amp DC unregulated for lights
Red Wire = 8 Amp DC regulated for battery
Small magnets Quad Circuit
20 Volts AC @ stator

696458 Since 1978
13 A Since 1979
16 A Since 1983
Quad Circuit Since 1984

14 Amp Regulated Alternator

14 Amp DC regulated

Engine
430000
520000
580000

2 Blue Wires

White Connector
1 Red Wire
1 Black Wire
2 Blue Wires
1 Green Wire

825004 Since 1998
825003

20 Amp Regulated Alternator

20 Amp DC regulated

Engine
290000
303000
310000
350000
351000
380000
470000
540000
610000

White Connector
2 Yellow Wires, 1 Red Wire

691573

White Connector
2 Yellow Wires
1 Red Wire

790325

2 Black Connectors
2 Black Wires
1 Red Wire

793660

2 Black Connectors
2 Black Wires, 1 Red Wire

793658 Since 2007
795498

20 - 50 Amp Regulated/ Inverter Alternator

20 - 50 Amp DC regulated

Engine
290000
300000
350000
380000
470000
540000

2 White Connectors
2 Yellow Wires each

841170

2 White Connector
4 Yellow Wires, 1 Red Wire

841178 Since 2004

40 Amp Alternator

40 Amp DC regulated

Engine
430000
520000
580000

825084 Since 2000
825524 Since 2002

60 Amp Alternator

60 Amp DC regulated

Engine
430000
520000
580000

825479 Since 2002
825577 Since 2002

Flywheel / Magnets

For Engine Series V TWIN VANGUARD™:

- SMALL: 7/8" x 11/16" (22 x 18 mm)
- MEDIUM: 1-1/16" x 11/16" (27 x 18 mm)
- LARGE: 1-1/16" x 15/16" (27 x 24 mm)
- SMALL: 7/8" x 21/32" (22 x 17 mm)
- MEDIUM: 7/8" x 29/32" (22 x 23 mm)
- LARGE: 1-3/32" x 29/32" (28 x 23 mm)

Note : Unless specified, all tests must be carried out with the engine running at 3600 rpm. The values indicated are minimum values. If the value measured is lower than indicated a repeat test is advised before proceeding any further.

