

# BRIGGS & STRATTON ALTERNATOR CHART



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## DC only Alternator

<p>0.5 Amp DC unregulated Output @ 2800 rpm</p> <p><b>Engine</b> 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><b>Engine</b> 110000 120000 200000</p> <p>White Connector 1 Red Wire</p> <p>791743 Since 2007</p>	<p>1.5 Amp DC unregulated</p> <p><b>Engine</b> 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><b>Engine</b> 104700 130000</p> <p>Red Connector 1 Black Wire</p> <p>494254 Since 1988</p>	<p>3 Amp DC unregulated</p> <p><b>Engine</b> 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><b>Engine</b> 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><b>Engine</b> 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><b>Engine</b> 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><b>Engine</b> 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>393809 Since 1978</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><b>Engine</b> 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><b>Engine</b> 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><b>Engine</b> 170000 190000 210000 220000 240000 250000 280000 290000 300000 310000 320000 330000 350000 380000 46X700</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 795498 Since 2007</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**  
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

698315 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  
280000  
300000  
310000  
320000  
330000  
350000  
380000  
400000  
420000  
440000  
460000

Green Connector  
Black Wire

691955

Diode 391507

Tri-circuit Diode Wire  
Green Connector  
with 2 diodes leading to 1 Red Wire and  
1 White Wire  
Red Wire = 2.5 Amp DC unregulated for  
battery charge  
White Wire = 2.5 Amp DC negative for lights

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

691188  
794360

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

## 10 Amp Alternator

<p>10 Amp DC regulated</p> <p><b>Engine</b> 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><b>Engine</b> 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><b>Engine</b> 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><b>Engine</b> 23X400 24X400</p> <p>No Connector 2 Black Wires</p> <p>715798 Since 2001</p>	<p>10 Amp DC regulated</p> <p><b>Engine</b> 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><b>Engine</b> 44X700</p> <p>Orange Connector 1 Orange Wire Black Connector 1 Black Wire</p> <p>697261</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><b>Engine</b> 35X400 356000</p> <p>Orange Connector 1 Orange Wire Black Connector 1 Black Wire</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>697992</p> <p>White Connector 1 Red Wire, 1 Brown Wire, 1 Orange Wire charge indicator light</p> <p>809175 Since 2007</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 250000  
190000 280000  
220000 290000  
250000 303000  
280000 310000  
290000 320000  
303000 350000  
310000 380000  
320000 400000  
330000 420000  
350000 450000  
380000 (QUAD)  
400000 170000  
420000 190000  
460000 220000  
(13 A.) 250000  
400000 280000  
420000 460000

Yellow Connector 2 Black Wires

691185

Yellow Connector 2 Yellow Wires  
Red Connector Red Wire

493219

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  
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 Yellow 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

691362 1 Red Wire

691573

White Connector  
2 Yellow Wires  
1 Red Wire

696578 Since 1995  
Large magnets

## 20 Amp Regulated Alternator

20 Amp DC regulated

**Engine**  
20H400  
21A400

Black Connector  
2 Black Wires

790325

2 Black Connectors  
2 Black Wires  
1 Red Wire

793658  
795498 Since 2007

## 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

<p>• SMALL: 7/8" x 11/16" (22 x 18 mm)</p> <p>• MEDIUM: 1-1/16" x 11/16" (27 x 18 mm)</p> <p>• LARGE: 1-1/16" x 15/16" (27 x 24 mm)</p>	<p>For Engine Series V TWIN VANGUARD™:</p> <p>• SMALL: 7/8" x 21/32" (22 x 17 mm)</p> <p>• MEDIUM: 7/8" x 29/32" (22 x 23 mm)</p> <p>• LARGE: 1-3/32" x 29/32" (28 x 23 mm)</p>
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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.



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