

BRIGGS & STRATTON ALTERNATOR CHART



DC only Alternator

0.5 Amp DC unregulated
Output @ 2800 rpm

Engine
97700
99700
100600
100800
110000
120000

White Connector
1 Black Wire

691991 Since 1999
794103 Alternator outside the flywheel

0.5 Amp DC unregulated

Engine
110000
120000
200000

White Connector
1 Red Wire

791743 Since 2007

1.5 Amp DC unregulated

Engine
12X400
15X400
20X400
21X400

White Connector
1 Black Wire

Diode 391507

793640 Since 2007

1.2 Amp DC unregulated

Engine
104700
130000

Red Connector
1 Black Wire

494254 Since 1988

3 Amp DC unregulated

Engine
130200

Diode 391507

Red Connector
2 Red Wires, 1 Black Wire

394250 Since 1979

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

3 Amp DC unregulated

Engine
110000
120000
200000
210000

Diode 391507

Red Connector
1 Red Wire

695730 Since 2000

2 - 4 Amp DC unregulated

Engine
110000
150000
200000
200000

White Connector
1 Red Wire

Diode 391507

694457 Since 1999

2 - 4 Amp DC unregulated

Engine
170000
190000
210000
220000
240000
250000
280000
300000
310000
326000
350000
380000

Red Connector
1 Red Wire

Diode 391507

696578 Since 1973

2 - 4 Amp DC unregulated

Engine
170000
190000
210000
220000
240000
250000
280000
300000
310000
326000
350000
380000

Red Connector
1 Red Wire

Diode 391507

393809 Since 1978

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

2 - 4 Amp DC / 5 Amp AC
14 Volts AC unregulated

Engine
201000
210000

White Connector
1 Black Wire, 1 Red Wire

Diode 391507

790292

2 White Connectors
1 Red Wire
1 Yellow Wire
1 Black Wire

698230 Since 2002

2 - 4 Amp DC / 5 Amp AC
14 Volts AC unregulated

Engine
150000
201000
210000

White Connector
1 Black Wire, 1 Red Wire

Diode 391507

790292

2 White Connectors
1 Red Wire
1 Yellow Wire
1 Black Wire

696742 Since 2002

2 - 4 Amp DC / 5 Amp AC
14 Volts AC unregulated

Engine
170000
190000
210000
220000
240000
250000
280000
290000
300000
310000
320000
330000
350000
380000
46X700

Diode 391507

White Connector
1 Black Wire, 1 Red Wire

790292

2 White Connectors
1 Red Wire
1 Yellow Wire
1 Black Wire

696459 Since 2007

2 - 4 Amp DC / 5 Amp AC
14 Volts AC unregulated

Engine
150000
20X000
21X000

Diode 391507

White Connector
1 Black Wire, 1 Red Wire

790292

2 White Connectors
1 Red Wire
1 Yellow Wire
1 Black Wire

793118
795498 Since 2007

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, Tri-circuit

Engine
110000
120000
150000
200000
210000
280000
300000

Green Connector
1 Black Wire

698315

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

Engine
160000
170000
190000
210000
220000
250000
260000
280000
290000
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

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

10 Amp Alternator

10 Amp DC regulated

Engine
110000
120000
200000
210000

Yellow Connector
2 Black Wires

691185

Yellow Connector
2 Yellow Wires
Red Connector
1 Red Wire

695466 Since 2000
Small magnets

10 Amp DC regulated
High Output

Engine
120000

Black Connector
2 Black Wires

790325

2 Black Connectors
2 Black Wires, 1 Red Wire

790320 Since 2004

10 Amp DC regulated

Engine
117400
138400
185400

Yellow Connector
399916 To be ordered separately
Green Wires

691185

Yellow Connector
2 Yellow Wires
Red Connector
1 Red Wire

715194 Since 1974
Medium magnets

10 Amp DC regulated

Engine
34000
24X400

No Connector
2 Black Wires

715798 Since 2001

10 Amp DC regulated

Engine
230400
240400

Yellow Connector
399916 Shipped loose
2 Green Wires

691185

Yellow Connector
2 Yellow Wires
Red Connector
1 Red Wire

715262 Since 1988

13 Amp Power Link™ Alternator

115 Volts - 60 Hz,
13 Amp DC regulated

Engine
44X700

White Connector
Black Connector
Heavy sheathed wires

691573

White Connector
2 Yellow Wires
1 Red Wire

697261

Orange Connector
1 Orange Wire
Black Connector
1 Black Wire

697992

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

697810 Since 2002

115 Volts 60 Hz,
13 Amp DC regulated

Engine
35X400

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

697261

Orange Connector
1 Orange Wire
Black Connector
1 Black Wire

697992

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

841588 Since 2007

115 Volts 60 Hz,
13 Amp DC regulated

Engine
305000
356000

Yellow Connector
2 Yellow Wires
Red Connector
1 Red Wire

691185

Connector Orange
1 Orange Wire
Black Connector
1 Black Wire

697992

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

841833 Since 2007

115 Volts 60 Hz,
13 Amp DC regulated

Engine
35X700

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

697261

Orange Connector
1 Orange Wire
Black Connector
1 Black Wire

809176

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

809175 Since 2007

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.) 220000
(16 A.) 250000
170000 250000
190000 280000
220000 290000
250000 303000
280000 310000
290000 320000
303000 350000
310000 380000
320000 400000
330000 420000
350000 460000
380000 470000
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
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

493219

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

808877

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

397809

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 DC regulated

Engine
430000
520000
580000

2 Blue Wires

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

825004 Since 1998

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 DC regulated

Engine
20H400
21A400

Black Connector
2 Black Wires

790325

2 Black Connectors
2 Black Wires
1 Red Wire

793660

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

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.

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