

## ENGINES FROM 1997 -2011



	Tecumseh 5.0 HP	Tecumseh 6.0 HP	B&S Intek 6 HP	B&S Intek 7 HP	B&S Vanguard 6.5 HP Phase I	B&S Vanguard 9 HP Phase I
Engine Manufacturer	Tecumseh	Tecumseh	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
Date first use?	1997	2000	2005 (January)	2005 (January)	2007 (September)	2007 (September)
Date obsoleted	2004 (December)	2005 (December)	2007 (August)	2007 (August)	2010 (September)	2011 (Fall)
Horse Power (HP)	5.0	6.0	6.0	7.0	6.5	9.0
Model Number	0HH50	OHH60	121232-0115-E1	122032-0134-B1	12H332-0114-B8	20H132-0111-B1
Used on which CR Models?	Classic	Commercial (Old)	This engine appeared on multiple models including 7" Standard/Platinum (101), 7" PRO (103), 7" Classic (105) 8" Commander PRO (106).	This engine appeared on multiple models including 7" Commercial (102) 7" Commercial PRO (104), 8" Commercial PRO (107)	This engine apperaed on the 7" Classic (105), the 8" Commander (109) 8" Commercial PRO (110).	This was the first engine model offered on the XL (111).
Associated CR Model # Engine was used on?	101	102	101, 103, 105 and 106	102, 104 and 107	105, 109 and 110	111
System size?	7"	7"	This engine appeared on multiple models including the 101, 103, 105 and 106. These were all 7" systems except the Commander PRO which was an 8" system (106)	This engine appeared on multiple models including the 102, 104, and 107. These were all 7" systems except the Commercial PRO which was an 8" system (107)	The Classic (105) was a 7" system and the Commander and Commercial PRO were 8" systems.	This was the first engine model offered on the XL (111).
Air Filter Type	Square	Square	Square	Square	Square	Square
Maintenance Kit Available?	No	No	Yes	Yes	Yes	Yes
Internal Maintenance Kit Part #	Not Available	Not Available	01-02-200	01-02-200	01-02-200	05-02-200
Parts availability?	Limited	Limited	Limited	Limited	Yes	Yes
Where to find parts?	jackssmallengines.com	jackssmallengines.com	jackssmallengines.com	jackssmallengines.com	jackssmallengines.com and Briggs & Stratton dealers	jackssmallengines.com and Briggs & Stratton dealers
Notes:	Tecumseh is out of business.	Tecumseh is out of business.	This engine appeared on multiple models including the 101, 103, 105 and the 106	This engine appeared on multiple models including the 7" Commercial (102) and the 7" Commercial PRO(104) and the Commercial PRO(107)	The Classic (105) was a 7" system and the Commander and Commercial PRO were 8" systems.	This was the first engine model offered on the XL (111).
Was this ever offered in an Electric Start Model?	No	No	No	No	No	No

**Cyclone Rake** 

## ENGINES FROM 2010 TO PRESENT



	B&S Vanguard 6.5 HP Phase II	B&S Vanguard 8 HP	B&S Vanguard 10 HP	B&S XR 950	B&S Vanguard 6.5 HP Cyclonic
Engine Manufacturer	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
Date first use?	2010 (October)	2011 (Fall)	2010 (Fall)	2019 (Fall)	2019 (Fall)
Date obsoleted	2019 (Fall)	Still in use	Still in use	Still in use	Still in use
Horse Power (HP)	6.5	8.0	10.0	Non Commercial-Grade engines are rated in Ft. Pounds of Torque and as such, this engine is rated at 9.5 ft. lbs/torque. The equivalent HP rating is approximately 5.8	6.5
Model Number	13L332-0119-F8	Manual start model number: 19L132-0110-F1 Electric start model number: 19L137-0124-F1	Manual start model number: 19L232-0110-F1 Electric start model number: 19L237-0013-F1	130G32-0184-F1	12V332-0136-F1
Used on which CR Models?	Classic (105) Commander (106) Commercial PRO (110) Obsoleted 2019 (Fall)	XL (111)	Z-10 (112)	This engine is the only engine offered on the Classic (105). And is the base engine for the Commander (109) and the Commercial PRO (110)	This engine is offered as an upgrade to the XR 950 on the Commander (109) and Commer- cial PRO (110)
Associated CR Model # Engine was used on?	This engine appeared on all Classic, Commander and Commercial PRO	This engine appears only on the XL (111)	This engine appears only on the Z-10 (112)	105, 109 and 110	Upgrade to 109 and 110.
System size?	Classic (105) 7" System, Commander (106) 8" System and Commercial PRO (110) 8" System	8"	10"	Classic (105) 7" System, Commander (106) 8" System and Commercial PRO (110) 8" System	Classic (105) 7" System (Only available as an aftermarket engine upgrade) Commander (109) 8" System Commercial PRO (110) 8" System
Air Filter Type	Cannister	Cannister	Cannister	Cannister	Cyclonic
Maintenance Kit Available?	Yes	Yes	Yes	Yes	Yes
Internal Maintenance Kit Part #	213	231	231	213XR	213VG
Parts availability?	Yes	Yes	Yes	Yes	Yes
Where to find parts?	jackssmallengines.com and Briggs and Stratton dealers as well as other online locations.	jackssmallengines.com and Briggs and Stratton dealers as well as other online locations.	jackssmallengines.com and Briggs and Stratton dealers as well as other online locations.	jackssmallengines.com and Briggs and Stratton dealers as well as other online locations.	jackssmallengines.com and Briggs and Stratton dealers as well as other online locations.
Notes	This engine was in use for 9 years and will represent most of the troubleshooting requests.	This engine is still in use.	This engine is still in use.	This engine is still in use.	This engine is still in use.
Was this ever offered in an Electric Start Model?	No	Yes	Yes	No	No