

Walk-Behind Snowblowers

TECHNICAL MANUAL

**John Deere
Lawn & Grounds Care Division**

TM1234 (Jul-81)

WALK-BEHIND SNOW BLOWERS

Technical Manual

TM-1234

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All information, illustrations and specifications contained in this technical manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

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Section 10

MACHINE IDENTIFICATION

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MACHINES COVERED IN THIS MANUAL

This technical manual contains service and maintenance information for the 526, 726, 732, 826, 832 and 1032 Snow Blowers.

The manual is divided into sections. Each section covers components or systems. The information is divided into groups within each section.

 **CAUTION:** This safety alert symbol identifies important safety messages. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

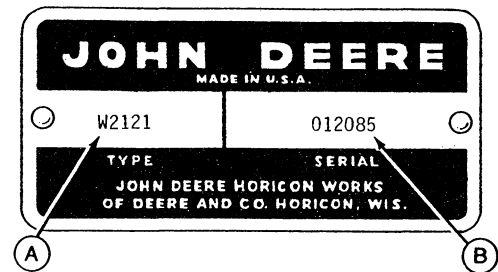
NOTE: Metric equivalents have been included throughout this technical manual.

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MACHINE SERIAL NUMBERS

Each machine is assigned an individual serial number. The serial number plate is located on the engine frame housing. The illustration at the right shows a typical serial number plate for machines manufactured before 1974. On machines built after 1973, this number consists of 13 characters (Example: P826L 190001). The first letter indicates the family of machine. The next three characters indicate the model or machine designation. The letter in the fifth position indicates the model year. This is followed by a space, a six-digit serial number, and an "M" denoting Horicon as the factory manufacturer.

When ordering parts, use only the six-digit serial number. Use all 13 characters when filling out warranty claims.

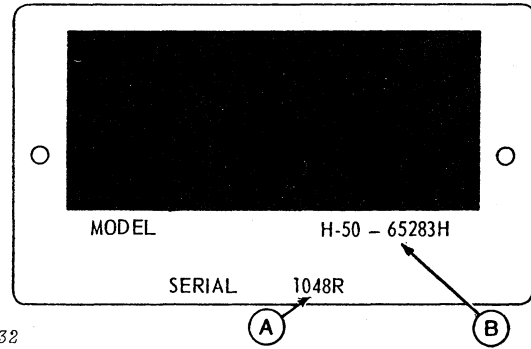


A—Engine Serial Number
B—Engine Model Number

0A8;M25931 M23;1005 C 070581

ENGINE SERIAL NUMBERS

The engine serial number on early model snow blowers is on a serial number plate on the blower housing or crankcase.



M25932

A—Engine Serial Number
B—Engine Model Number

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The engine serial number on later model snow blowers is stamped in the top of the engine blower housing.

Record the model and serial number on all warranty claims.

(A) H50-65392K (B) SER 4028D

A—Engine Model Number
B—Engine Serial Number

OAB;M25933 M23;1005 E 080581

ENGINE HORSEPOWER AND MODEL NUMBER

Snow Blower	Horsepower	Engine Model No.
526	(3.7 kw) 5	H50 Snow King
726	(5.2 kw) 7	H70 Snow King
732	(5.2 kw) 7	H70 Snow King
826	(6.0 kw) 8	H80 Snow King
832	(6.0 kw) 8	H80 Snow King
1032	(7.5 kw) 10	HM100 Snow King

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ENGINE HORSEPOWER AND MODEL NUMBER

Snow Blower	Horsepower	Engine Model No.
526	(3.7 kw) 5	H50 Snow King
726	(5.2 kw) 7	H70 Snow King
732	(5.2 kw) 7	H70 Snow King
826	(6.0 kw) 8	H80 Snow King
832	(6.0 kw) 8	H80 Snow King
1032	(7.5 kw) 10	HM100 Snow King

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ENGINE IDENTIFICATION

Engine Model Numbers	H50SK*	H70SK*	H80SK*	HMS100*
Manufacturer	Tecumseh	Tecumseh	Tecumseh	Tecumseh
Cylinders	one	one	one	one
Strokes/Cycle	four	four	four	four
Bore	(66.675 mm) 2-5/8 in.	(69.85 mm) 2-3/4 in.	(77.775 mm) 3-1/16 in.	(80.962 mm) 3-1/16 in.
Stroke	(57.15 mm) 2-1/4 in.	(64.287 mm) 2-17/32 in.	(64.287 mm) 2-17/32 in.	(64.287 mm) 2-17/32 in.
Displacement	(200 cc) 12.20 cu. in.	(246 cc) 15.00 cu. in.	(306 cc) 18.65 cu. in.	(331 cc) 20.20 cu. in.
Compression Release	Yes	Yes	Yes	Yes

**The letters SK signify "Snow King" winterized engines.*

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