



**Highland**  
RIDGE RV

3195 N SR 5 SHIPSHEWANA, IN 46565 • (260) 768-7771

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**UNITED STATES  
TITLE 49 CFR--TRANSPORTATION**

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**CHAPTER V –  
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION,  
DEPARTMENT OF TRANSPORTATION  
PART §565 –  
VEHICLE IDENTIFICATION NUMBER (VIN) REQUIREMENTS**

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**CANADA**

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**C.R.C., c. 1038  
MOTOR VEHICLE SAFETY  
REGULATIONS  
STANDARD NO. 115  
VEHICLE IDENTIFICATION NUMBER (VIN)**

**MODEL YEARS 2018 - 2039**

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**HIGHLAND RIDGE RV, INC.  
TABLES, SEVENTEEN DIGIT  
VEHICLE IDENTIFICATION NUMBER (VIN) SYSTEM  
RV TRAILER [STANDARD]**

**VIN FIRST SECTION §565.15(a) / CMVSS 115(3)(a)**

**VEHICLE Mfg. IDENTIFICATION (WORLD Mfg. IDENTIFIER [WMI])  
(VIN POSITION 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> CHARACTERS)**

The first section shall consist of three characters that occupy positions one through three (1–3) in the VIN. As supplied and confirmed, in writing, by the WMI Coordinator of SAE International, 400 Commonwealth Drive, Warrendale, Pennsylvania, 15096. This section uniquely identifies the manufacturer.

58T Assigned by SAE, April 08, 2014 Uniquely identifies Highland Ridge RV, Inc. 3195 N. S.R. 5 Shipshewana, IN 46565
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**VIN SECOND SECTION: §565.15(b) Table I /CMVSS 115(3)(b) Table I, Column II**

**(VIN POSITION 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> CHARACTERS)  
VEHICLE (TRAILER) ATTRIBUTES**

The second section shall consist of five characters, which occupy positions four through eight (4–8) in the VIN. The characters utilized and their placement within the section may be determined by the manufacturer, but the specified attributes must be decipherable with information supplied by the manufacturer.

**Type**

**1<sup>ST</sup> POSITION OF THE SECOND SECTION OF THE VIN  
(VIN 4<sup>TH</sup> CHARACTER)**

A	RESERVED
B	Travel Trailer
C	5th Wheel Trailer
D	RESERVED
E	RESERVED
F	RESERVED
G	RESERVED
H	RESERVED
J	RESERVED
L	RESERVED
M	RESERVED
N	RESERVED
V	RESERVED
W	RESERVED

**Make**

**2<sup>nd</sup> POSITION OF THE SECOND SECTION OF THE VIN  
(VIN 5<sup>TH</sup> CHARACTER)**

H = Highland Ridge

**Body Type**

**3<sup>RD</sup> POSITION OF THE SECOND SECTION OF THE VIN  
(VIN 6<sup>TH</sup> CHARACTER)**

0	RV TRAILER [STANDARD]
H	HYBRID RV TRAILER [EXPANDABLE]
S	SPORT UTILITY RV TRAILER

**Axle Configuration**

**4<sup>TH</sup> POSITION OF THE SECOND SECTION OF THE VIN  
(VIN 7<sup>TH</sup> CHARACTER)**

MODEL YRS. 2010 – 2039

A	One Axle (Single)
B	Two Axles (Tandem)
C	Three Axles (Triple / Tri-Axle)
N	None (No Wheels) – <i>RESERVED</i>

**Length**

**5<sup>TH</sup> POSITION OF THE SECOND SECTION OF THE VIN  
(VIN 8<sup>TH</sup> CHARACTER)**

A	Less than 6 ft.
B	6 ft. - less than 8 ft.
C	8 ft. - less than 10 ft.
D	10 ft. - less than 12 ft.
E	12 ft. - less than 14 ft.
F	14 ft. - less than 16 ft.
G	16 ft. - less than 18 ft.
H	18 ft. - less than 20 ft.
J	20 ft. - less than 22 ft.
K	22 ft. - less than 24 ft.
L	24 ft. - less than 26 ft.
M	26 ft. - less than 28 ft.
N	28 ft. - less than 30 ft.
P	30 ft. - less than 32 ft.
R	32 ft. - less than 34 ft.
S	34 ft. - less than 36 ft.
T	36 ft. - less than 38 ft.
U	38 ft. - less than 40 ft.
V	40 ft. and greater
X	*** Not Specified ***

### THIRD SECTION OF THE VIN

#### Check Digit (VIN 9<sup>TH</sup> CHARACTER)

The third section shall consist of one character, which occupies position nine (9) in the VIN. This section shall be the check digit whose purpose is to provide a means for verifying the accuracy of any VIN transcription. After all other characters in the VIN have been determined by the manufacturer, the check digit shall be calculated by carrying out the mathematical computation specified.

- (1) Assign to each number in the VIN its actual mathematical value and assign to each letter the value specified for it in Table III, as follows:

**Table III Assigned Values**

A - 1	J - 1	S - 2
B - 2	K - 2	T - 3
C - 3	L - 3	U - 4
D - 4	M - 4	V - 5
E - 5	N - 5	W - 6
F - 6	<b>O - NOT USED</b>	X - 7
G - 7	P - 7	Y - 8
H - 8	<b>Q - NOT USED</b>	Z - 9
<b>I - NOT USED</b>	R - 9	

- (2) Multiply the assigned value for each character in the VIN by the position weight factor specified in Table IV, as follows:

**TABLE IV - VIN POSITION AND WEIGHT FACTOR**

1st - 8	10th - 9
2nd - 7	11th - 8
3rd - 6	12th - 7
4th - 5	13th - 6
5th - 4	14th - 5
6th - 3	15th - 4
7th - 2	16th - 3
8th - 10	17th - 2
<i>9th-check digit</i>	

- (3) Add the resulting products and divide the total by 11.
- (4) The check digit is based on either the Fractional Remainder or the Decimal Equivalent Remainder as reflected in Table V. All Decimal Equivalent Remainders in Table V are rounded to the nearest thousandth. The check digit, zero through nine (0-9) or the letter "X" shall appear in VIN position nine (9).

**TABLE V—NINTH POSITION CHECK DIGIT VALUES**  
**[Rounded to the nearest thousandth]**

Fractional Remainder	0	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11
Decimal Equivalent Remainder	0	.091	.182	.273	.364	.455	.545	.634	.727	.818	.909
Check Digit	0	1	2	3	4	5	6	7	8	9	X

A sample check digit calculation is shown in Table VI as follows:

**TABLE VI—CALCULATION OF A CHECK DIGIT**

VIN Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sample VIN	5	8	T	C	H	0	B	V	<u>4</u>	L	3	B	D	3	0	7	8
Assigned Value See Table III	5	8	3	3	8	0	2	5		3	3	2	4	3	0	7	8
Weight Factor See Table IV	8	7	6	5	4	3	2	10		9	8	7	6	5	4	3	2
Multiply Assigned Value Times Weight Factor*	40	56	18	15	32	0	4	50		27	24	14	24	15	0	21	16

\*Add Products  $40 + 56 + 18 + 15 + 32 + 0 + 4 + 50 + 27 + 24 + 14 + 24 + 15 + 0 + 21 + 16 = 356$

Divide by 11:  $356/11 = 32 \frac{7}{11}$  or 32.3636

All decimal equivalent remainders in Table V are rounded to the nearest thousandth (i.e., the 3<sup>rd</sup> digit to the right of the decimal point). If the 4<sup>th</sup> digit to the right of the decimal point is 5 or greater, round up; if 4 or less, round down.

In the example above, the total is 32.3636 the 4<sup>th</sup> digit to the right of the decimal point is 6, so round to 32.364 Table V shows the decimal equivalent remainder “.364” equates to check digit “7” that is to be inserted in position nine (9) of the VIN for this sample check digit calculation.

**VIN FOURTH SECTION**

**(VIN 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup> POSITION CHARACTERS)**

The fourth section shall consist of eight characters, which occupy positions ten through seventeen (10–17) of the VIN.

**1<sup>ST</sup> POSITION OF THE FOURTH SECTION OF THE VIN  
(VIN 10<sup>TH</sup> CHARACTER)**

- (1) The first character of the fourth section shall represent the vehicle model year. The year shall be designated as indicated in Table VII as follows:

**TABLE VII—YEAR CODES FOR VIN**

1980...A	1990...L	2000...Y	2010...A	<b>2020...L</b>	2030...Y
1981...B	1991...M	2001...1	2011...B	2021...M	2031...1
1982...C	1992...N	2002...2	2012...C	2022...N	2032...2
1983...D	1993...P	2003...3	2013...D	2023...P	2033...3
1984...E	1994...R	2004...4	2014...E	2024...R	2034...4
1985...F	1995...S	2005...5	2015...F	2025...S	2035...5
1986...G	1996...T	2006...6	2016...G	2026...T	2036...6
1987...H	1997...V	2007...7	2017...H	2027...V	2037...7
1988...J	1998...W	2008...8	2018...J	2028...W	2038...8
1989...K	1999...X	2009...9	2019...K	2029...X	2039...9

**2<sup>nd</sup> POSITION OF THE FOURTH SECTION OF THE VIN  
(VIN 11<sup>TH</sup> CHARACTER)**

- (2) The second character of the fourth section shall represent the plant of manufacture.

**Location of Mfg. Highland Ridge RV, Inc.**

1 - Middlebury, IN  
903 S. Main St.,  
Middlebury, IN 46540

2 - Topeka, IN (Reserved)  
536 Michigan St.  
Topeka, IN 46571

3 – Shippshewana, IN  
3195 N. SR 5  
Shippshewana, IN 46565

7 - Western Manufacturing  
511 Hankins Road South,  
Kimberly, Idaho 83341

**§565.15(d)(3) / CMVSS 115(3)(f)**

- (3) The third through the eighth characters of the fourth section (positions 12 through 17) shall represent the number sequentially assigned by the manufacturer in the production process if the manufacturer is a high-volume manufacturer ( $\geq 500$  vehicles U.S.) (if the manufacturer manufactures 1,000 or more vehicles of a prescribed class annually; Canada Standard No. 115(3)(f)).
- a. The third and fourth characters of the fourth section (positions 12 and 13) represent the product series and model designation assigned by the manufacturer. Refer to the Highland Ridge model list for details.
- (4) The fifth through the eighth characters of the fourth section (positions 14 through 17) represent the number sequentially assigned by the manufacturer in the production process.
- (5) Highland Ridge RV sequentially assigned production numbers, (positions 14 through 17), begin 3050.



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VEHICLE IDENTIFICATION NUMBER SYSTEM DECIPHER		Type face to be capital sanserif characters <u>NOTE: THE LETTERS I – O &amp; Q ARE NOT TO BE USED IN ANY VIN</u>										
PLACEMENT OF VIN INFORMATION												
MODEL YEARS 2018 – 2039		NHTSA FINAL RULE 49 CFR PART 565 @ 1 <sup>ST</sup> 2010 VIN ON OR AFTER OCTOBER 28, 2008 W/ 'A' or 'B' @ POSITION 10 AND ALL VEHICLES ON OR AFTER MAY 01, 2009.										
VIN Section	1 <sup>st</sup> Section (1-3)	2 <sup>nd</sup> Section (4 -8)					3 <sup>rd</sup> Section	4 <sup>th</sup> Section (10 – 17)				
Section Title	World Mfg. I.D. (WMI)	Vehicle (Trailer) Attribute Descriptor					Check Digit	Production Assignment Attributes				
		Type, Make, Body Type, Axle Configuration, Length						Model Year	Plant Location. I.D.	Series Model	Production Sequential Number	
VIN Section Position	1 <sup>st</sup> 2 <sup>nd</sup> 3 <sup>rd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	1 - Character	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup> 6 <sup>th</sup> 7 <sup>th</sup> 8 <sup>th</sup>
VIN Position	1, 2, 3	4	5	6	7	8	9	10	11	12	13	14, 15, 16, 17
VIN	<b>58T</b>	<b>C</b>	<b>H</b>	<b>0</b>	<b>B</b>	<b>V</b>	<b>4</b>	<b>L</b>	<b>3</b>	<b>B</b>	<b>D</b>	<b>3 0 7 8</b>
Type (Character) A = Alphabetic N = Numerical B = Alphabetic or Numerical	B B B SAE Assigned	B	B	B	B	B	"0 – 9" OR "X"	B	B	B	B	N N N N
	Fixed Values & Position	Type	Make	Body Type	# Axles	O/A Length	By Mathematical Computation	Model Year	Plant Location Where VIN Affixed	Two Digit Unique Model Code Indicator	Production Sequential Number	
	Assigned by SAE International	A = CT B = TT C = FW G =TRC	H = Highland Ridge	"O" = RV Trailer [Standard] "H" = Hybrid RV Trailer "S" = Sport Utility RV Trailer	A = Single (1) B = Tandem (2) C = Tipple (3) N = None	Increments 2-Feet A – V See Chart V = ≥ 40	Refer to Title 49 CFR §565.6(c)(1) for Formula	J = 2018 K = 2019 L = 2020 M = 2021 ETC.	3 = 3195 N. SR 5. Shipshewana, IN 46565 1 = 903 S. Main St. Middlebury, IN 46540 7 = 511 Hankins Road South, Kimberly, Idaho 83341	See Model List Chart BD = 371 MBH	Number Order of Vehicles Produced	